# TECHNICAL MANUAL

## HEAVY TIRES | TRUCK AND BUS TIRES

VERSION 5.0
UPDATED: DECEMBER 2018

# TECHNICAL MANUAL

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## New in this version

### VERSION 5.0

December 2018.

- **Forestry tires:** New product **Nokian Tractor King** added.
- **Truck and bus tires:** New products **Nokian R-Truck Steer, Nokian R-Truck Drive** and **Nokian R-Truck Trailer** added.
- **Nokian Hakkapeliitta TRI:** New products T445671 and T445672 added.
- **Nokian Armor Gard 2:** Information on tubes and valves added.
- **Nokian Hakkapeliitta TRI:** PSI values in “Load capacity values at different speeds and pressures” tables corrected for T445669 and T445667.
- **Nokian CT:** PSI values in “Load capacity values at different speeds and pressures” tables corrected for T445626, T445627, T445628 and T445629.



# FORESTRY TIRES

The unique qualities of Nokian forestry tires arise from decades of experience on the forestry machinery and the extreme working conditions. This continuous forefront product development is based on close dialogue with customers and the respect for the nature. Understanding the application leads to high quality products giving customers added value in safety, reliability and cost per hour.

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**See also:**

» Tire mounting tools

**Watch our instructional videos:**

» CTL tire mounting

» Skidder tire mounting

**NOTICE!**

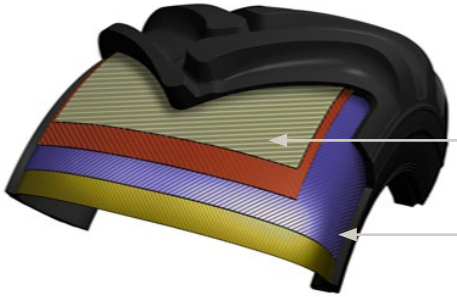
Manual may contain technical information also on omitted products.

# NOKIAN FOREST KING F2



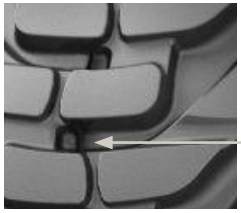

## Improved tire performance with tracks

- Wider and straighter contact point to give better traction to the tracks
- Perfect support for tracks in every point of the tread and shoulders
- Durable tread, sidewalls and carcass for excellent operating hours



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Forest King F2 tread depth measuring point beside tie-bar

## Sizes

- Nokian Forest King F2 600/50-22.5 20PR – T445619
- Nokian Forest King F2 710/40-22.5 20PR – T445608
- Nokian Forest King F2 710/40-24.5 20PR – T445572
- Nokian Forest King F2 600/55-26.5 20PR – T445573
- Nokian Forest King F2 710/45-26.5 20PR – T445571
- Nokian Forest King F2 710/45-26.5 24PR – T445589
- Nokian Forest King F2 800/40-26.5 20PR – T445603
- Nokian Forest King F2 750/55-26.5 24PR – T445574
- Nokian Forest King F2 710/55-28.5 24PR – T445570
- Nokian Forest King F2 780/50-28.5 24PR – T445537



# Nokian Forest King F2 600/50-22.5 20PR – T445619

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445619 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | F2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 170 | 46.1 | 539 | 21.2 | 3 544 | 139.5 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 270 | 5 005 | 2 610 | 5 755 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 600 | 5 730 | 2 990 | 6 590 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 210 | 7 075 | 3 690 | 8 135 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 360 | 52 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 400 | 58 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 450 | 65 | 4 000 | 8 820 | 4 280 | 9 435 | 4 920 | 10 845 | 4 875 | 10 745 |
| 500 | 73 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 320 | 85 | 240 | 65 | 197 | 50 | 100 | 220 | 297 | 655 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Forest King F2 710/40-22.5 20PR – T445608

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445608 | 710/40-22.5 | 161 A8 / 168 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28 | 1 170 | 46.1 | 537 | 21.1 | 3 550 | 139.8 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 760 | 6 085 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 170 | 6 990 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 570 | 7 870 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 500 | 73 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 371 | 820 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Forest King F2 710/40-24.5 20PR – T445572

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445572 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 570 | 22.4 | 3 738 | 147.2 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 360 | 5 205 | 2 530 | 5 580 | 2 900 | 6 395 | 2 900 | 6 395 |
| 200 | 29 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 240 | 35 | 3 000 | 6 615 | 3 210 | 7 075 | 3 650 | 8 045 | 3 650 | 8 045 |
| 280 | 41 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 320 | 46 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 400 | 58 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 450 | 65 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 500 | 73 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 384 | 100 | 290 | 75 | 236 | 60 | 120 | 265 | 357 | 785 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545448 | TR 218 A |



# Nokian Forest King F2 600/55-26.5 20PR – T445573

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445573 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F2 | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 618 | 24.3 | 4 071 | 160.3 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 450 | 65 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 500 | 73 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 430 | 115 | 325 | 85 | 265 | 70 | 135 | 300 | 400 | 880 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Forest King F2 710/45-26.5 20PR – T445571

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445571 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 084 | 160.8 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 500 | 130 | 375 | 100 | 308 | 80 | 157 | 345 | 465 | 1 025 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King F2 710/45-26.5 24PR – T445589

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445589 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 621 | 24.4 | 4 084 | 160.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |
| 550 | 80 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 600 | 87 | 6 500 | 14 330 | 6 960 | 15 345 | 8 000 | 17 635 | 8 000 | 17 635 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 500 | 130 | 375 | 100 | 308 | 80 | 157 | 345 | 465 | 1 025 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King F2 800/40-26.5 20PR – T445603

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445603 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | F2 | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 620 | 24.4 | 4 084 | 160.8 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 200 | 29 | 3 350 | 7 385 | 3 580 | 7 890 | 4 125 | 9 095 | 4 125 | 9 095 |
| 240 | 35 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 280 | 41 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 320 | 46 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 360 | 52 | 4 750 | 10 470 | 5 080 | 11 200 | 5 800 | 12 785 | 5 800 | 12 785 |
| 400 | 58 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 450 | 65 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 500 | 73 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |

Maximum inflation pressure 500 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 580 | 155 | 435 | 115 | 357 | 95 | 182 | 400 | 539 | 1 190 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545312 | TR 218 A |



# Nokian Forest King F2 750/55-26.5 24PR – T445574

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445574 | 750/55-26.5 | 182 A8 / 189 A2 | 24 | F2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 674 | 26.5 | 4 486 | 176.6 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |
| 550 | 80 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |
| 600 | 87 | 8 500 | 18 740 | 9 100 | 20 060 | 10 460 | 23 060 | 10 000 | 22 045 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 650 | 170 | 490 | 130 | 400 | 105 | 204 | 450 | 604 | 1 330 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King F2 710/55-28.5 24PR – T445570

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445570 | 710/55-28.5 | 180 A8 / 187 A2 | 24 | F2 | SF | TT | AG24.00 | | 710 | 28 | 1 525 | 60 | 696 | 27.4 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 350 | 7 385 | 3 580 | 7 890 | 4 120 | 9 085 | 4 125 | 9 095 |
| 200 | 29 | 3 875 | 8 545 | 4 150 | 9 150 | 4 770 | 10 515 | 4 750 | 10 470 |
| 240 | 35 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 280 | 41 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 320 | 46 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 360 | 52 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 400 | 58 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 450 | 65 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 500 | 73 | 6 900 | 15 210 | 7 380 | 16 270 | 8 490 | 18 715 | 8 500 | 18 740 |
| 550 | 80 | 7 500 | 16 535 | 8 030 | 17 705 | 9 230 | 20 350 | 9 250 | 20 395 |
| 600 | 87 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 664 | 175 | 500 | 130 | 409 | 110 | 208 | 460 | 617 | 1 360 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545543 | TR218A |



# Nokian Forest King F2 780/50-28.5 24PR – T445537

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445537 | 780/50-28.5 | 182 A8 / 190 A2 | 24 | F2 | SF | TT | AG 26.00 | | 780 | 30.7 | 1 525 | 60 | 697 | 27.4 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 360 | 52 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 380 | 16 270 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 240 | 18 165 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 8 980 | 19 795 | 9 000 | 19 840 |
| 550 | 80 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |
| 600 | 87 | 8 500 | 18 740 | 9 100 | 20 060 | 10 460 | 23 060 | 10 600 | 23 370 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 705 | 185 | 530 | 140 | 495 | 130 | 220 | 485 | 715 | 1 575 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545543 | TR218A |



# Nokian Forest King F2 – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

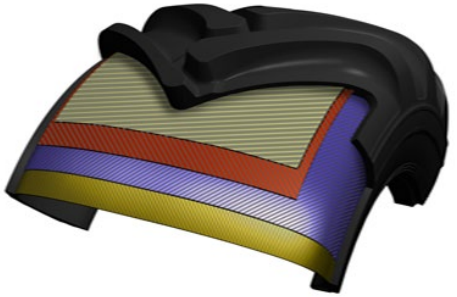
| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445619 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | F2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 170 | 46.1 | 539 | 21.2 | 3 544 | 139.5 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |
| T445608 | 710/40-22.5 | 161 A8 / 168 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28 | 1 170 | 46.1 | 537 | 21.1 | 3 550 | 139.8 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |
| T445572 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 570 | 22.4 | 3 738 | 147.2 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |
| T445573 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F2 | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 618 | 24.3 | 4 071 | 160.3 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |
| T445571 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 084 | 160.8 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |
| T445589 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 621 | 24.4 | 4 084 | 160.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |
| T445603 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | F2 | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 620 | 24.4 | 4 084 | 160.8 | 500 | 73 | 550 | 80 | 35 | 44 | - | - |
| T445574 | 750/55-26.5 | 182 A8 / 189 A2 | 24 | F2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 674 | 26.5 | 4 486 | 176.6 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |
| T445570 | 710/55-28.5 | 180 A8 / 187 A2 | 24 | F2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 525 | 60.0 | 696 | 27.4 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |
| T445537 | 780/50-28.5 | 182 A8 / 190 A2 | 24 | F2 | SF | TT | AG 26.00 | | 780 | 30.7 | 1 525 | 60.0 | 697 | 27.4 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 35 | 44 | - | - |

# NOKIAN FOREST KING F



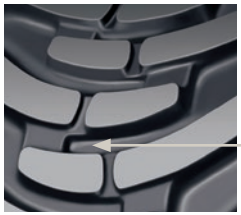

## Sturdy and stable tire for demanding forestry use

- Tire profile designed to give optimised ground contact batch and straight obstacle yielding sidewalls
- Durable tread and sidewalls for excellent operating hours
- Reliable fit and functionality for track and chain use
- Steel protection against punctures



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Forest King F tread depth measuring point beside tie-bar

## Sizes

- Nokian Forest King F 710/40-22.5 16PR – T445366
- Nokian Forest King F 710/40-24.5 20PR – T445397
- Nokian Forest King F 600/55-26.5 20PR – T445340
- Nokian Forest King F 710/45-26.5 16PR – T445336
- Nokian Forest King F 710/45-26.5 20PR – T445311
- Nokian Forest King F 710/45-26.5 24PR – T445523
- Nokian Forest King F 750/55-26.5 20PR – T445333
- Nokian Forest King F 780/55-26.5 20PR – T445454
- Nokian Forest King F 800/40-26.5 20PR – T445296



# Nokian Forest King F 710/40-22.5 16PR – T445366

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445366 | 710/40-22.5 | 152 A8 / 159 A2 | 16 | F | SF | TT | AG 24.00 | | 727 | 28.6 | 1 171 | 46.1 | 537 | 21.1 | 3 519 | 138.5 | 320 | 46 | 400 | 58 | 28 | 35 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 725 | 6 010 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 150 | 6 945 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |

Maximum inflation pressure 400 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 372 | 820 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Forest King F 710/40-24.5 20PR – T445397

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445397 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 573 | 22.6 | 3 729 | 146.8 | 500 | 73 | 550 | 80 | 29 | 37 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 360 | 5 205 | 2 530 | 5 580 | 2 900 | 6 395 | 2 900 | 6 395 |
| 200 | 29 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 240 | 35 | 3 000 | 6 615 | 3 210 | 7 075 | 3 650 | 8 045 | 3 650 | 8 045 |
| 280 | 41 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 320 | 46 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 400 | 58 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 450 | 65 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 500 | 73 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 384 | 100 | 290 | 75 | 236 | 60 | 120 | 265 | 357 | 785 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T545448 | TR 218 A |



# Nokian Forest King F 600/55-26.5 20PR – T445340

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445340 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 624 | 24.6 | 4 065 | 160 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 450 | 65 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 500 | 73 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 430 | 115 | 325 | 85 | 265 | 70 | 135 | 300 | 400 | 880 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Forest King F 710/45-26.5 16PR – T445336

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445336 | 710/45-26.5 | 161 A8 / 168 A2 | 16 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 046 | 159.3 | 400 | 58 | 460 | 67 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |

Maximum inflation pressure 460 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 500 | 130 | 375 | 100 | 308 | 80 | 157 | 345 | 465 | 1 025 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King F 710/45-26.5 20PR – T445311

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445311 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 046 | 159.3 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 500 | 130 | 375 | 100 | 308 | 80 | 157 | 345 | 465 | 1 025 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King F 710/45-26.5 24PR – T445523

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445523 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 620 | 24.4 | 4 084 | 160.8 | 600 | 87 | 600 | 87 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |
| 550 | 80 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 600 | 87 | 6 500 | 14 330 | 6 960 | 15 345 | 8 000 | 17 635 | 8 000 | 17 635 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 500 | 130 | 375 | 100 | 308 | 80 | 157 | 345 | 465 | 1 025 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King F 750/55-26.5 20PR – T445333

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445333 | 750/55-26.5 | 177 A8/ 184 A2 | 20 | F | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 680 | 26.8 | 4 467 | 175.9 | 500 | 73 | 550 | 80 | 32 | 40 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 650 | 170 | 490 | 130 | 400 | 105 | 204 | 450 | 604 | 1 330 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King F 780/55-26.5 20PR – T445454

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445454 | 780/55-26.5 | 179 A8 / 186 A2 | 20 | F | SF | TT | AG 26.00 | AG 24.00 | 780 | 30.7 | 1 485 | 58.5 | 680 | 26.8 | 4 524 | 178.1 | 500 | 73 | 600 | 87 | 35 | 44 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 200 | 29 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 240 | 35 | 4 750 | 10 470 | 5 080 | 11 200 | 5 840 | 12 875 | 5 800 | 12 785 |
| 280 | 41 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 320 | 46 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 360 | 52 | 6 000 | 13 230 | 6 420 | 14 155 | 7 380 | 16 270 | 7 300 | 16 095 |
| 400 | 58 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 450 | 65 | 7 100 | 15 655 | 7 600 | 16 755 | 8 730 | 19 245 | 8 750 | 19 290 |
| 500 | 73 | 7 750 | 17 085 | 8 290 | 18 275 | 9 530 | 21 010 | 9 500 | 20 945 |
| 550 | 80 | 8 500 | 18 740 | 9 100 | 20 060 | 10 460 | 23 060 | 10 600 | 23 370 |

Maximum inflation pressure 550 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 700 | 185 | 525 | 140 | 431 | 115 | 220 | 485 | 650 | 1 435 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King F 800/40-26.5 20PR – T445296

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445296 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | F | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 620 | 24.4 | 4 059 | 159.8 | 500 | 73 | 500 | 73 | 30 | 38 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 200 | 29 | 3 350 | 7 385 | 3 580 | 7 890 | 4 125 | 9 095 | 4 125 | 9 095 |
| 240 | 35 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 280 | 41 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 320 | 46 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 360 | 52 | 4 750 | 10 470 | 5 080 | 11 200 | 5 800 | 12 785 | 5 800 | 12 785 |
| 400 | 58 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 450 | 65 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 500 | 73 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |

Maximum inflation pressure 500 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 580 | 155 | 435 | 115 | 357 | 95 | 182 | 400 | 539 | 1 190 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545312 | TR 218 A |



# Nokian Forest King F – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

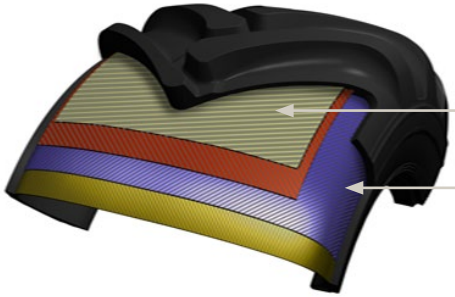
| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445366 | 710/40-22.5 | 152 A8 / 159 A2 | 16 | F | SF | TT | AG 24.00 | | 727 | 28.6 | 1 171 | 46.1 | 537 | 21.1 | 3 519 | 138.5 | 320 | 46 | 400 | 58 | 28 | 35 | - | - |
| T445397 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 573 | 22.6 | 3 729 | 146.8 | 500 | 73 | 550 | 80 | 29 | 37 | - | - |
| T445340 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 624 | 24.6 | 4 065 | 160 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |
| T445336 | 710/45-26.5 | 161 A8 / 168 A2 | 16 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 046 | 159.3 | 400 | 58 | 460 | 67 | 30 | 38 | - | - |
| T445311 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 622 | 24.5 | 4 046 | 159.3 | 500 | 73 | 550 | 80 | 30 | 38 | - | - |
| T445523 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | F | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 620 | 24.4 | 4 084 | 160.8 | 600 | 87 | 600 | 87 | 30 | 38 | - | - |
| T445333 | 750/55-26.5 | 177 A8/ 184 A2 | 20 | F | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 680 | 26.8 | 4 467 | 175.9 | 500 | 73 | 550 | 80 | 32 | 40 | - | - |
| T445454 | 780/55-26.5 | 179 A8 / 186 A2 | 20 | F | SF | TT | AG 26.00 | AG 24.00 | 780 | 30.7 | 1 485 | 58.5 | 680 | 26.8 | 4 524 | 178.1 | 500 | 73 | 600 | 87 | 35 | 44 | - | - |
| T445296 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | F | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 620 | 24.4 | 4 059 | 159.8 | 500 | 73 | 500 | 73 | 30 | 38 | - | - |

# NOKIAN FOREST KING ELS L-2



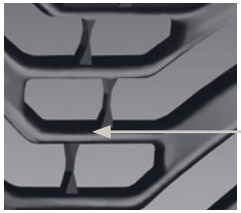

## Efficient operating hours

- Sturdy and stable low profile tire
- Durable tread and sidewalls giving excellent operating hours
- Steel fortification against punctures



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian ELS L-2 tread depth measuring point

## Sizes

- Nokian Forest King ELS L-2 600/50-22.5 16PR – T486034
- Nokian Forest King ELS L-2 650/65-26.5 20PR – T486066



# Nokian Forest King ELS L-2 600/50-22.5 16PR – T486034

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486034 | 600/50-22.5 | 149 A8 / 156 A2 | 16 | ELS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 531 | 20.9 | 3 522 | 138.7 | 320 | 46 | 430 | 62 | 32 | 40 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 120 | 4 675 | 2 575 | 5 675 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 430 | 5 355 | 3 000 | 6 615 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 725 | 6 010 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 000 | 6 615 | 3 650 | 8 045 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 250 | 7 165 | 4 000 | 8 820 | 4 000 | 8 820 |

Maximum inflation pressure 430 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 350 | 90 | 265 | 70 | 215 | 55 | 110 | 245 | 325 | 715 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Forest King ELS L-2 650/65-26.5 20PR – T486066

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486066 | 650/65-26.5 | 174 A8 / 181 A2 | 20 | ELS L-2 | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 674 | 26.5 | 4 461 | 175.6 | 500 | 73 | 550 | 80 | 35 | 44 | 32 | 40 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 200 | 29 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 240 | 35 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 280 | 41 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 320 | 46 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 360 | 52 | 5 300 | 11 685 | 5 670 | 12 500 | 6 500 | 14 330 | 6 500 | 14 330 |
| 400 | 58 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |
| 450 | 65 | 6 150 | 13 560 | 6 580 | 14 505 | 7 500 | 16 535 | 7 500 | 16 535 |
| 500 | 73 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 585 | 155 | 440 | 115 | 360 | 95 | 184 | 405 | 544 | 1 200 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King ELS L-2 – all sizes

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

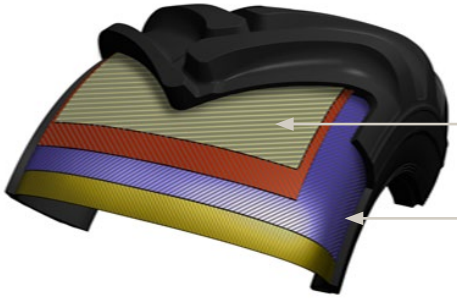
| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486034 | 600/50-22.5 | 149 A8 / 156 A2 | 16 | ELS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 531 | 20.9 | 3 522 | 138.7 | 320 | 46 | 430 | 62 | 32 | 40 | - | - |
| T486066 | 650/65-26.5 | 174 A8 / 181 A2 | 20 | ELS L-2 | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 674 | 26.5 | 4 461 | 175.6 | 500 | 73 | 550 | 80 | 35 | 44 | 33 | 42 |

# NOKIAN NORDMAN FOREST F




## Nokian Nordman Forest F

- Cost efficient solution for CTL machines without compromising in reliability and functionality
- Well known and trusted Forest King F as the basis of design
- Excellent solution as a replacement tire for CTL machines and also for overhauled machines as basic maintenance involving tires



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Nordman Forest F tread depth measuring point

## Sizes

- Nokian Nordman Forest ELS L-2 600/50-22.5 16PR – T445623
- Nokian Nordman Forest F 710/40-22.5 16PR – T445625
- Nokian Nordman Forest F 710/40-24.5 20PR – T445599
- Nokian Nordman Forest F 600/55-26.5 20PR – T445598
- Nokian Nordman Forest F 710/45-26.5 20PR – T445565
- Nokian Nordman Forest F 750/55-26.5 20PR – T445597



# Nokian Nordman Forest ELS L-2 600/50-22.5 16PR – T445623

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445623 | 600/50-22.5 | 149 A8 / 156 A2 | 16 | ELS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 171 | 46.1 | 543 | 21.4 | 3 544 | 139.5 | 32 | 40 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 120 | 4 675 | 2 575 | 5 675 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 430 | 5 355 | 3 000 | 6 615 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 725 | 6 010 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 000 | 6 615 | 3 650 | 8 045 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 250 | 7 165 | 4 000 | 8 820 | 4 000 | 8 820 |

Maximum pressure / Track pressure 400 kPa/58 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 350 | 90 | 265 | 70 | 215 | 55 | 110 | 240 | 325 | 715 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Nordman Forest F 710/40-22.5 16PR – T445625

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445625 | 710/40-22.5 | 151 A8 / 158 A2 | 16 | F | SF | TT | AG 24.00 | 710 | 28 | 1 171 | 46.1 | 538 | 21.2 | 3 544 | 139.5 | 28 | 35 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 725 | 6 010 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 150 | 6 945 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |

Maximum pressure / Track pressure 400 kPa/58 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 371 | 820 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Nordman Forest F 710/40-24.5 20PR – T445599

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445599 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F | SF | TT | AG 24.00 | 710 | 28 | 1 230 | 48.4 | 573 | 22.6 | 3 729 | 146.8 | 29 | 37 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 360 | 5 205 | 2 530 | 5 580 | 2 900 | 6 395 | 2 900 | 6 395 |
| 200 | 29 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 240 | 35 | 3 000 | 6 615 | 3 210 | 7 075 | 3 650 | 8 045 | 3 650 | 8 045 |
| 280 | 41 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 320 | 46 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 400 | 58 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 450 | 65 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 500 | 73 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |

Maximum pressure / Track pressure 550 kPa/80 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 384 | 100 | 290 | 75 | 236 | 60 | 120 | 265 | 356 | 785 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545448 | TR 218 A |



# Nokian Nordman Forest F 600/55-26.5 20PR – T445598

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445598 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F | SF | TT | AG 20.00 | 601 | 23.7 | 1 340 | 52.8 | 624 | 24.6 | 4 065 | 160 | 30 | 38 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 450 | 65 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 500 | 73 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |

Maximum pressure / Track pressure 550 kPa/80 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 430 | 115 | 325 | 85 | 265 | 70 | 135 | 300 | 400 | 880 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Nordman Forest F 710/45-26.5 20PR – T445565

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445565 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F | SF | TT | AG 24.00 | 710 | 28 | 1 340 | 52.8 | 622 | 24.5 | 4 046 | 159.3 | 30 | 38 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |

Maximum pressure / Track pressure 550 kPa/80 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 130 | 370 | 100 | 302 | 80 | 154 | 340 | 455 | 1 005 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Nordman Forest F 750/55-26.5 20PR – T445597

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445597 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | F | SF | TT | AG 24.00 | 750 | 29.5 | 1 485 | 58.5 | 680 | 26.8 | 4 467 | 175.9 | 32 | 40 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |

Maximum pressure / Track pressure 550 kPa/80 p.s.i.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 650 | 170 | 490 | 130 | 400 | 105 | 204 | 450 | 604 | 1 330 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Nordman Forest – all sizes

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in |
| T445623 | 600/50-22.5 | 149 A8 / 156 A2 | 16 | ELS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 171 | 46.1 | 543 | 21.4 | 3 544 | 139.5 | 32 | 40 |
| T445625 | 710/40-22.5 | 151 A8 / 158 A2 | 16 | F | SF | TT | AG 24.00 | 710 | 28 | 1 171 | 46.1 | 538 | 21.2 | 3 544 | 139.5 | 28 | 35 |
| T445599 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | F | SF | TT | AG 24.00 | 710 | 28 | 1 230 | 48.4 | 573 | 22.6 | 3 729 | 146.8 | 29 | 37 |
| T445598 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | F | SF | TT | AG 20.00 | 601 | 23.7 | 1 340 | 52.8 | 624 | 24.6 | 4 065 | 160 | 30 | 38 |
| T445565 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | F | SF | TT | AG 24.00 | 710 | 28 | 1 340 | 52,8 | 622 | 24,5 | 4 046 | 159,3 | 30 | 38 |
| T445597 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | F | SF | TT | AG 24.00 | 750 | 29.5 | 1 485 | 58.5 | 680 | 26.8 | 4 467 | 175.9 | 32 | 40 |

# REPLACEMENT GUIDE




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## Nokian Forest King ELS L-2

## Nokian Forest King F2

### 600/50-22.5

Nokian Forest King ELS L-2 T486034 › Nokian Forest King F2 T445619

| | | |
|---|---|---|
| Rim: | Compatible | AG20.00x22.5 |
| Tube: | Compatible | T55089 |
| Chains: | Compatible | |
| Tracks: | Clark | NEEDS NEW TRACKS |
| | Olofsfors | NEEDS NEW TRACKS |

REPLACEABLE WITH ISSUES



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## Nokian Forest King F

## Nokian Forest King F2

### 710/40-22.5

Nokian Forest King F T445366 › Nokian Forest King F2 T445608

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x22.5 |
| Tube: | Compatible | T55092 |
| Chains: | Compatible | |
| Tracks: | Clark | NEEDS NEW TRACKS |
| | Olofsfors | NEEDS NEW TRACKS |

REPLACEABLE WITH ISSUES

### 710/40-24.5

Nokian Forest King F T445397 › Nokian Forest King F2 T445572

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x24.5 |
| Tube: | Compatible | T545448 |
| Chains: | Compatible | |
| Tracks: | Compatible | |

FULLY REPLACEABLE

SEE TRACK RECOMMENDATIONS ›

# REPLACEMENT GUIDE



**Nokian Forest King F**



**Nokian Forest King F2**

## 600/55-26.5

Nokian Forest King F T445340 › Nokian Forest King F2 T445573

| | | |
|---|---|---|
| Rim: | Compatible | AG20.00x26.5 |
| Tube: | Compatible | T55098 |
| Chains: | Compatible | |
| Tracks: | Clark | Compatible |
| | Olofsfors | NOT PERFECT FIT, SLIGHTLY NARROW |

REPLACEABLE WITH ISSUES

## 710/45-26.5

Nokian Forest King F T445311, T445336, T445523 › Nokian Forest King F2 T445571, T445589

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x26.5 |
| Tube: | Compatible | T55099 |
| Chains: | Compatible | |
| Tracks: | Compatible | |

FULLY REPLACEABLE

## 750/55-26.5

Nokian Forest King F T445333 › Nokian Forest King F2 T445574

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x26.5 |
| Tube: | Compatible | T55102 |
| Chains: | Compatible | |
| Tracks: | Clark | NEEDS NEW TRACKS |
| | Olofsfors | NEEDS NEW TRACKS |

REPLACEABLE WITH ISSUES

## 800/40-26.5

Nokian Forest King F T445296 › Nokian Forest King F2 T445603

| | | |
|---|---|---|
| Rim: | Compatible | AG28.00x26.5 |
| Tube: | Compatible | T545312 |
| Chains: | Compatible | |
| Tracks: | Compatible | |

FULLY REPLACEABLE

SEE TRACK RECOMMENDATIONS ›

# TRACK RECOMMENDATION SHORT LIST

## Track recommendations: Olofsfors and Clark tracks

### 600/50-22.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-640115 | Grouzer | GL-6001860/24 |
| All around | EVO 22 | 094-640115 | Terra 85 | TL-8001860/24 |
| | ECO-TRACK 22 | 097-640115 | | |
| Primarily flotation | Baltic 22 | 089-640115 | FL15 Flotation | FL-1511860/24 |

### 710/40-22.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-652045 | Grouzer | GL-6001872/24 |
| All around | EVO 22 | 094-652045 | Terra 85 | TL-8001872/24 |
| | ECO-SOFT 22 | 027-652045 | | |
| Primarily flotation | MAGNUM 22 | 198-652047 | Terra - X | TXL-8501872/24 |

### 710/40-24.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-661020 | Grouzer | GL-6001874/24 |
| All around | EVO 22 | 094-661020 | Terra 85 | TL-8001874/24 |
| | ECO-TRACK 22 | 097-661020 | | |
| Primarily flotation | MAGNUM 22 | 198-661020 | Terra - X | TXL-8501874/24 |

### 600/55–26.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Extreme traction | EX 22, 26 | 190-624040<br>290-624040 | Climbing X | CX-6021866/28 |
| Primarily traction | OF 22, 26 | 095-624040<br>294-624040 | Grouzer | GL-6001866/28 |
| All around | EVO 22, 26 | 094-624040<br>294-624040 | Terra 85 | TL-8001866/28 |
| | ECO-TRACK 22, 26 | 097-624040<br>297-624040 | | |
| Primarily flotation | MAGNUM 22 | 198-624040<br>298-624040 | Terra - X | TXL-8501866/28 |

### 710/45-26.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 26 | 295-644020 | Grouzer | GL-6001871/28 |
| All around | EVO 26 | 294-644020 | Terra 85 | TL-8001871/28 |
| | ECO-TRACK 26 | 297-644020 | Terra 95 | TL-9501871/28 |
| Primarily flotation | MAGNUM 26 | 298-644020 | Terra - X | TXL-8501871/28 |

**NOTE!** To find correct track to correct conditions, please contact track representative **www.olofsfors.com** and **www.clarktracks.com**

**Disclaimer:** the track recommendations set out in this document are based on the information provided by third party track manufacturers and not by Nokian Heavy Tyres Ltd. Nokian Heavy Tyres Ltd. assumes no liability as regards the track recommendations set out in this document, and such recommendations may be used only at the user's own risk.

# TRACK RECOMMENDATION SHORT LIST

## 750/55-26.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EX 30 | 490-654080 | Grouzer | GL-6001875/28 |
| All around | EVO 26 | 294-654080 | Terra 95 | TL-9501875/28 |
| Primarily flotation | EVO-M | 394-654080 | Terra - X | TXL-8501875/28 |

## 710/55–28.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 26 | 295-680000 | Grouzer | GL-6001882/28 |
| All around | EVO 26 | 297-680000 | Terra 95 | TL-9501882/28 |
| Primarily flotation | MAGNUM | 394-680000 | Terra - X | TXL-8501882/28 |

## 800/40-26.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EVO 26 | 294-656020 | Grouzer | GL-6001888/28 |
| All around | ECO TRACK 26 | 297-656020 | Terra 95 | TL-9501888/28 |
| Primarily flotation | | | Terra - X | TXL-8501888/28 |
| Flotation extreme | Magnum 26 | 298-656021 | Terra - X 1000mm | TXL-8591888/28 |

## 780/50–28.5 NOKIAN FOREST KING F2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EX 26 | 490-673000 | Grouzer | GL-6001881/28 |
| All around | EVO 26 | 294-673000 | Terra 95 | TL-9501881/28 |
| Primarily flotation | EVO-M | 394-673000 | Terra - X | TXL-8501881/28 |

**NOTE!** To find correct track to correct conditions, please contact track representative **www.olofsfors.com** and **www.clarktracks.com**

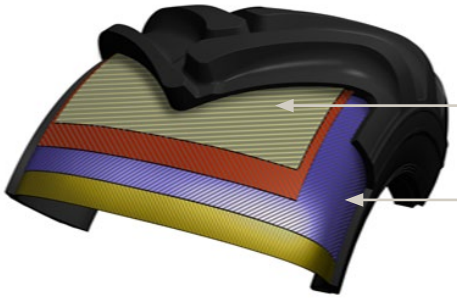
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Nokian Heavy Tyres Ltd. assumes no liability as regards the track recommendations set out in this document, and such recommendations may be used only at the user's own risk.

# NOKIAN FOREST KING TRS 2



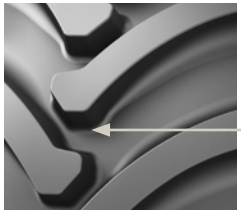

## Ultimate traction

- New lug design and wide tread design gives superior traction
- Shoulder design improves lateral grip and puncture resistance
- Tire shape with new shoulder desing gives very good track use capabilities
- Sturdy diagonal carcass for excellent operating hours



## Diagonal Forestry Tire

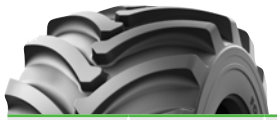
- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Forest King TRS 2 tread depth measuring point

## Sizes

- Nokian Forest King TRS 2 600/50-22.5 20PR – T445618
- Nokian Forest King TRS 2 710/40-22.5 20PR – T445607
- Nokian Forest King TRS 2 600/50-24.5 20PR – T445639
- Nokian Forest King TRS 2 710/40-24.5 20PR – T445568
- Nokian Forest King TRS 2 600/55-26.5 20PR – T445567
- Nokian Forest King TRS 2 710/45-26.5 20PR – T445566
- Nokian Forest King TRS 2 710/45-26.5 24PR – T445640
- Nokian Forest King TRS 2 800/40-26.5 20PR – T445594
- Nokian Forest King TRS 2 750/55-26.5 24PR – T445602
- Nokian Forest King TRS 2 710/55-28.5 24PR – T445612
- Nokian Forest King TRS 2 780/50-28.5 24PR – T445581



# Nokian Forest King TRS 2 600/50-22.5 20PR – T445618

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445618 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 170 | 46.1 | 533 | 21 | 3 550 | 139.8 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 270 | 5 005 | 2 610 | 5 755 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 600 | 5 730 | 2 990 | 6 590 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 210 | 7 075 | 3 690 | 8 135 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 360 | 52 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 400 | 58 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 450 | 65 | 4 000 | 8 820 | 4 280 | 9 435 | 4 920 | 10 845 | 4 875 | 10 745 |
| 500 | 73 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

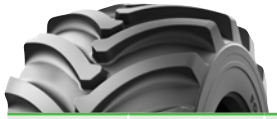
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 300 | 80 | 225 | 60 | 185 | 50 | 94 | 205 | 279 | 615 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Forest King TRS 2 710/40-22.5 20PR – T445607

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445607 | 710/40-22.5 | 161 A8 / 168 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 170 | 46.1 | 535 | 21.1 | 3 569 | 140.5 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 760 | 6 085 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 170 | 6 990 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 570 | 7 870 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 500 | 73 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

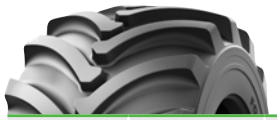
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 371 | 820 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Forest King TRS 2 600/50-24.5 20PR – T445639

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445639 | 600/50-24.5 | 164 A8 / 171 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | AG 22.00 | 600 | 23.6 | 1 230 | 48.4 | 566 | 22.3 | 3 738 | 147.2 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 180 | 4 805 | 2 330 | 5 135 | 2 680 | 5 910 | 2 650 | 5 840 |
| 200 | 29 | 2 500 | 5 510 | 2 680 | 5 910 | 3 080 | 6 790 | 3 075 | 6 780 |
| 240 | 35 | 2 800 | 6 175 | 3 000 | 6 615 | 3 440 | 7 585 | 3 450 | 7 605 |
| 280 | 41 | 3 075 | 6 780 | 3 290 | 7 255 | 3 780 | 8 335 | 3 750 | 8 265 |
| 320 | 46 | 3 350 | 7 385 | 3 580 | 7 890 | 4 120 | 9 085 | 4 125 | 9 095 |
| 360 | 52 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 400 | 58 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 450 | 65 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 500 | 73 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 550 | 80 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |

Maximum inflation pressure 550 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 320 | 85 | 240 | 65 | 197 | 50 | 100 | 220 | 297 | 655 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545447 | TR 218 A |



# Nokian Forest King TRS 2 710/40-24.5 20PR – T445568

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445568 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 570 | 22.4 | 3 757 | 147.9 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 360 | 5 205 | 2 530 | 5 580 | 2 900 | 6 395 | 2 900 | 6 395 |
| 200 | 29 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 240 | 35 | 3 000 | 6 615 | 3 210 | 7 075 | 3 650 | 8 045 | 3 650 | 8 045 |
| 280 | 41 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 320 | 46 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 360 | 52 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 400 | 58 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 450 | 65 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 500 | 73 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

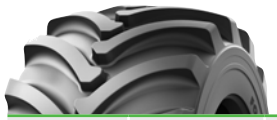
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 380 | 100 | 285 | 75 | 234 | 60 | 119 | 260 | 353 | 780 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545448 | TR 218 A |



# Nokian Forest King TRS 2 600/55-26.5 20PR – T445567

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445567 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 619 | 24.4 | 4 096 | 161.3 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 450 | 65 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 500 | 73 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

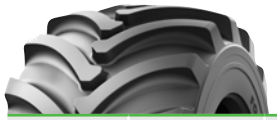
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 386 | 100 | 290 | 75 | 238 | 65 | 121 | 265 | 359 | 790 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Forest King TRS 2 710/45-26.5 20PR – T445566

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445566 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 618 | 24.3 | 4 103 | 161.5 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

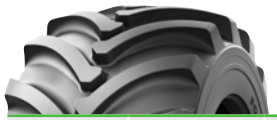
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 130 | 370 | 100 | 302 | 80 | 154 | 340 | 455 | 1 005 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King TRS 2 710/45-26.5 24PR – T445640

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445640 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 617 | 24.3 | 4 115 | 162 | 600 | 87 | 600 | 87 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |
| 550 | 80 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 600 | 87 | 6 500 | 14 330 | 6 960 | 15 345 | 8 000 | 17 635 | 8 000 | 17 635 |

Maximum inflation pressure 600 kPa.

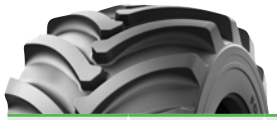
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 130 | 370 | 100 | 302 | 80 | 154 | 340 | 456 | 1 005 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Forest King TRS 2 800/40-26.5 20PR – T445594

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445594 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | TRS 2 | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 619 | 24.4 | 4 096 | 161.3 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 200 | 29 | 3 350 | 7 385 | 3 580 | 7 890 | 4 125 | 9 095 | 4 125 | 9 095 |
| 240 | 35 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 280 | 41 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 320 | 46 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 360 | 52 | 4 750 | 10 470 | 5 080 | 11 200 | 5 800 | 12 785 | 5 800 | 12 785 |
| 400 | 58 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 450 | 65 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 500 | 73 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |

Maximum inflation pressure 500 kPa.

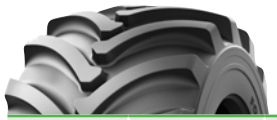
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 570 | 150 | 430 | 115 | 357 | 95 | 182 | 400 | 539 | 1 190 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545312 | TR 218 A |



# Nokian Forest King TRS 2 750/55-26.5 24PR – T445602

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445602 | 750/55-26.5 | 182 A8 / 189 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 672 | 26.5 | 4 499 | 177.1 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |
| 550 | 80 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |
| 600 | 87 | 8 500 | 18 740 | 9 100 | 20 060 | 10 460 | 23 060 | 10 000 | 22 045 |

Maximum inflation pressure 600 kPa.

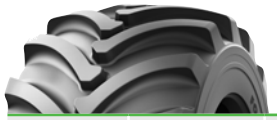
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 620 | 165 | 465 | 125 | 382 | 100 | 195 | 430 | 577 | 1 270 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King TRS 2 710/55-28.5 24PR – T445612

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445612 | 710/55-28.5 | 180 A8 / 187 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28 | 1 525 | 60 | 693 | 27.3 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 350 | 7 385 | 3 580 | 7 890 | 4 120 | 9 085 | 4 125 | 9 095 |
| 200 | 29 | 3 875 | 8 545 | 4 150 | 9 150 | 4 770 | 10 515 | 4 750 | 10 470 |
| 240 | 35 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 280 | 41 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 320 | 46 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 360 | 52 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 400 | 58 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 450 | 65 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 500 | 73 | 6 900 | 15 210 | 7 380 | 16 270 | 8 490 | 18 715 | 8 500 | 18 740 |
| 550 | 80 | 7 500 | 16 535 | 8 030 | 17 705 | 9 230 | 20 350 | 9 250 | 20 395 |
| 600 | 87 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |

Maximum inflation pressure 600 kPa.

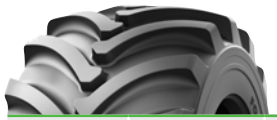
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 620 | 165 | 465 | 125 | 382 | 100 | 195 | 430 | 577 | 1 270 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T545543 | TR 218 A |



# Nokian Forest King TRS 2 780/50-28.5 24PR – T445581

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445581 | 780/50-28.5 | 182 A8 / 190 A2 | 24 | TRS 2 | SF | TT | AG 26.00 | | 780 | 30.7 | 1 525 | 60 | 691 | 27.2 | 4 611 | 181.5 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 360 | 52 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 380 | 16 270 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 240 | 18 165 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 8 980 | 19 795 | 9 000 | 19 840 |
| 550 | 80 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |
| 600 | 87 | 8 500 | 18 740 | 9 100 | 20 060 | 10 460 | 23 060 | 10 600 | 23 370 |

Maximum inflation pressure 600 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 675 | 180 | 505 | 135 | 470 | 125 | 210 | 465 | 680 | 1 500 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T545543 | TR 218 A |



# Nokian Forest King TRS 2 – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445618 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 170 | 46.1 | 533 | 21 | 3 550 | 139.8 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |
| T445607 | 710/40-22.5 | 161 A8 / 168 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 170 | 46.1 | 535 | 21.1 | 3 569 | 140.5 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |
| T445639 | 600/50-24.5 | 164 A8 / 171 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | AG 22.00 | 600 | 23.6 | 1 170 | 46.1 | 566 | 22.3 | 3 738 | 147.2 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |
| T445568 | 710/40-24.5 | 163 A8 / 170 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 230 | 48.4 | 570 | 22.4 | 3 757 | 147.9 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |
| T445567 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | TRS 2 | SF | TT | AG 20.00 | | 601 | 23.7 | 1 340 | 52.8 | 619 | 24.4 | 4 096 | 161.3 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |
| T445566 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 618 | 24.3 | 4 103 | 161.5 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |
| T445640 | 710/45-26.5 | 173 A8 / 180 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 340 | 52.8 | 617 | 24.3 | 4 115 | 162 | 600 | 87 | 600 | 87 | 48 | 61 | - | - |
| T445594 | 800/40-26.5 | 170 A8 / 177 A2 | 20 | TRS 2 | SF | TT | AG 28.00 | | 800 | 31.5 | 1 340 | 52.8 | 619 | 24.4 | 4 096 | 161.3 | 500 | 73 | 550 | 80 | 48 | 61 | - | - |
| T445602 | 750/55-26.5 | 182 A8 / 189 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 672 | 26.5 | 4 499 | 177.1 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |
| T445612 | 710/55-28.5 | 180 A8 / 187 A2 | 24 | TRS 2 | SF | TT | AG 24.00 | | 710 | 28 | 1 525 | 60 | 693 | 27.3 | 4 618 | 181.8 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |
| T445581 | 780/50-28.5 | 182 A8 / 190 A2 | 24 | TRS 2 | SF | TT | AG 26.00 | | 780 | 30.7 | 1 525 | 60 | 691 | 27.2 | 4 611 | 181.5 | 600 | 87 | 600 | 87 | 49 | 62 | - | - |

# NOKIAN FOREST RIDER

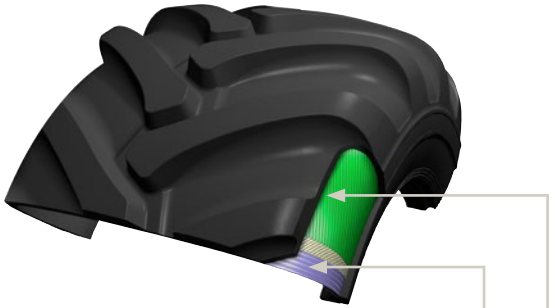



TUBELESS

## Driving comfort and absolute traction

The first and only functional radial forestry tire in the market for professional use. Nokian Forest Rider wins users over with its unique properties.

- Large contact patch providing excellent traction
- Low ground pressure reducing stress to terrain
- Radial construction giving driving comfort and minimising tire vibrations considerably
- Puncture protection from steel belt and patented sidewall protectors
- Sturdy sidewall construction giving superb operational stability
- Low rolling resistance reducing fuel consumption
- Works better with tracks compared with conventional diagonal forestry tires



## Radial Forestry Tire

The tire carcass is stabilized by an inextensible circumferential belt (SB = steel belt).

- Sidewall puncture protector.
- The ply cords are laid substantially at 90° to the centerline of the tread.



Nokian Forest Rider tread depth measuring point on top of tie-bar

## Sizes

- Nokian Forest Rider 600/50R24.5 – T445472
- Nokian Forest Rider 650/45R24.5 – T445436
- Nokian Forest Rider 600/55R26.5 – T445320
- Nokian Forest Rider 710/45R26.5 – T445408
- Nokian Forest Rider 800/50R26.5 – T445462
- Nokian Forest Rider 600/65R34 – T445460
- Nokian Forest Rider 710/55R34 – T445455
- Nokian Forest Rider 710/70R34 – T445517



# Nokian Forest Rider 600/50R24.5 – T445472

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445472 | 600/50R24.5 | 164 A8 / 171 A2 | Rider | SB | TL | AG 20.00 | - | 600 | 23.6 | 1 230 | 48.4 | 563 | 22.2 | 3 726 | 146.7 | 550 | 80 | 45 | 57 | 39 | 49 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 1 980 | 4 365 | 2 180 | 4 805 | 2 330 | 5 135 | 2 680 | 5 910 | 2 650 | 5 840 |
| 200 | 29 | 2 280 | 5 025 | 2 500 | 5 510 | 2 680 | 5 910 | 3 080 | 6 790 | 3 075 | 6 780 |
| 240 | 35 | 2 550 | 5 620 | 2 800 | 6 175 | 3 000 | 6 615 | 3 440 | 7 585 | 3 450 | 7 605 |
| 280 | 41 | 2 800 | 6 175 | 3 075 | 6 780 | 3 290 | 7 255 | 3 780 | 8 335 | 3 750 | 8 265 |
| 320 | 46 | 3 050 | 6 725 | 3 350 | 7 385 | 3 580 | 7 890 | 4 120 | 9 085 | 4 125 | 9 095 |
| 360 | 52 | 3 230 | 7 120 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 400 | 58 | 3 410 | 7 520 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 450 | 65 | 3 870 | 8 530 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 000 | 11 685 |
| 500 | 73 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 550 | 80 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |

Maximum inflation pressure 550 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 325 | 85 | 245 | 65 | 200 | 55 | 102 | 225 | 302 | 665 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T545447 | TR 218 A |



# Nokian Forest Rider 650/45R24.5 – T445436

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445436 | 650/45R24.5 | 161 A8 / 168 A2 | Rider | SB | TL | AG 22.00 | 22.00 | 650 | 25.6 | 1 230 | 48.4 | 566 | 22.3 | 3 732 | 146.9 | 550 | 80 | 45 | 57 | 39 | 49 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 090 | 4 610 | 2 300 | 5 070 | 2 460 | 5 425 | 2 830 | 6 240 | 2 800 | 6 175 |
| 200 | 29 | 2 340 | 5 160 | 2 575 | 5 675 | 2 760 | 6 085 | 3 170 | 6 990 | 3 150 | 6 945 |
| 240 | 35 | 2 640 | 5 820 | 2 900 | 6 395 | 3 100 | 6 835 | 3 570 | 7 870 | 3 550 | 7 825 |
| 280 | 41 | 2 870 | 6 325 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 320 | 46 | 3 140 | 6 920 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 360 | 52 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 400 | 58 | 3 530 | 7 780 | 3 875 | 8 545 | 4 150 | 9 150 | 4 770 | 10 515 | 4 750 | 10 470 |
| 450 | 65 | 3 870 | 8 530 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 500 | 73 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 360 | 95 | 270 | 70 | 222 | 60 | 113 | 250 | 335 | 740 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T545447 | TR 218 A |



# Nokian Forest Rider 600/55R26.5 – T445320

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445320 | 600/55R26.5 | 165 A8 / 172 A2 | Rider | SB | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 340 | 52.8 | 611 | 24.1 | 4 059 | 159.8 | 550 | 80 | 48 | 61 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 280 | 5 025 | 2 500 | 5 510 | 2 680 | 5 910 | 3 080 | 6 790 | 3 075 | 6 780 |
| 200 | 29 | 2 550 | 5 620 | 2 800 | 6 175 | 3 000 | 6 615 | 3 440 | 7 585 | 3 450 | 7 605 |
| 240 | 35 | 2 870 | 6 325 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 280 | 41 | 3 140 | 6 920 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 320 | 46 | 3 410 | 7 520 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 360 | 52 | 3 640 | 8 025 | 4 000 | 8 820 | 4 280 | 9 435 | 4 920 | 10 845 | 4 875 | 10 745 |
| 400 | 58 | 3 870 | 8 530 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 450 | 65 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 500 | 73 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 420 | 110 | 315 | 85 | 258 | 70 | 132 | 290 | 390 | 860 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T55098 | TR 218 A |



# Nokian Forest Rider 710/45R26.5 – T445408

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445408 | 710/45R26.5 | 168 A8 / 175 A2 | Rider | SB | TL | AG 24.00 | 24.00 | 710 | 28.0 | 1 340 | 52.8 | 617 | 24.3 | 4 040 | 159.1 | 550 | 80 | 48 | 61 | 41 | 52 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 480 | 5 465 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 2 800 | 6 175 | 3 075 | 6 780 | 3 290 | 7 255 | 3 780 | 8 335 | 3 750 | 8 265 |
| 240 | 35 | 3 140 | 6 920 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 280 | 41 | 3 410 | 7 520 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 320 | 46 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 360 | 52 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |
| 400 | 58 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 450 | 65 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 100 | 11 245 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 130 | 370 | 100 | 302 | 80 | 154 | 340 | 455 | 1 005 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T55099 | TR 218 A |



# Nokian Forest Rider 800/50R26.5 – T445462

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445462 | 800/50R26.5 | 180 A8 / 187 A2 | Rider | SB | TL | AG 28.00 | 24.00, 26.00 | 800 | 31.5 | 1 485 | 58.5 | 673 | 26.5 | 4 530 | 178.3 | 550 | 80 | 49 | 62 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 230 | 7 120 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 200 | 29 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 280 | 41 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 4 960 | 10 935 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 400 | 58 | 5 460 | 12 035 | 6 000 | 13 230 | 6 420 | 14 155 | 7 380 | 16 270 | 7 300 | 16 095 |
| 450 | 65 | 6 100 | 13 450 | 6 700 | 14 770 | 7 170 | 15 805 | 8 240 | 18 165 | 8 250 | 18 190 |
| 500 | 73 | 6 640 | 14 640 | 7 300 | 16 095 | 7 810 | 17 220 | 8 980 | 19 795 | 9 000 | 19 840 |
| 550 | 80 | 7 280 | 16 050 | 8 000 | 17 635 | 8 560 | 18 870 | 9 840 | 21 695 | 9 750 | 21 495 |

Maximum inflation pressure 550 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 693 | 185 | 520 | 135 | 426 | 115 | 217 | 480 | 644 | 1 420 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T55102 | TR 218 A |



# Nokian Forest Rider 600/65R34 – T445460

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445460 | 600/65R34 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | W18L | 600 | 23.6 | 1 644 | 64.7 | 763 | 30.0 | 5 008 | 197.2 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 960 | 6 525 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 200 | 29 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 240 | 35 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 280 | 41 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 320 | 46 | 4 440 | 9 790 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 360 | 52 | 4 690 | 10 935 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |

Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 573 | 150 | 430 | 115 | 350 | 90 | 180 | 395 | 530 | 1 170 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T55394 | TR 218 A |



# Nokian Forest Rider 710/55R34 – T445455

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445455 | 710/55R34 | 171 A8 / 178 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1 640 | 64.6 | 755 | 29.7 | 4 977 | 195.9 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 200 | 29 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 280 | 41 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 4 950 | 10 915 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 400 | 58 | 5 600 | 12 345 | 6 150 | 13 560 | 6 580 | 14 505 | 7 560 | 16 665 | 7 500 | 16 535 |

Maximum inflation pressure 400 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 677 | 180 | 510 | 135 | 420 | 110 | 210 | 465 | 630 | 1 390 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618A | T55394 | TR 218 A |



# Nokian Forest Rider 710/70R34 – T445517

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445517 | 710/70R34 | 176 A8 / 183 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1 844 | 72.6 | 841 | 33.1 | 5 592 | 220.2 | 400 | 58 | 53 | 67 | 46 | 58 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 200 | 29 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |
| 240 | 35 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 280 | 41 | 5 730 | 12 630 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 320 | 46 | 6 100 | 13 450 | 6 700 | 14 770 | 7 170 | 15 805 | 8 240 | 18 165 | 8 250 | 18 190 |
| 360 | 52 | 6 460 | 14 240 | 7 100 | 15 655 | 7 600 | 16 755 | 8 730 | 19 245 | 8 750 | 19 290 |

Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 950 | 250 | 715 | 190 | 585 | 155 | 298 | 655 | 883 | 1 945 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55388 | TR 218 A |



# Nokian Forest Rider – all sizes

SB = STEEL BELTEDTL = TUBELESS, may be fitted with or without tube

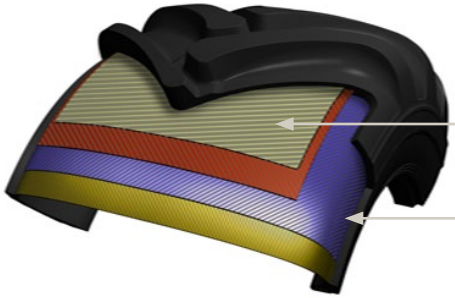
| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445472 | 600/50R24.5 | 164 A8 / 171 A2 | Rider | SB | TL | AG 20.00 | - | 600 | 23.6 | 1 230 | 48.4 | 563 | 22.2 | 3 726 | 146.7 | 550 | 80 | 45 | 57 | 39 | 49 |
| T445436 | 650/45R24.5 | 161 A8 / 168 A2 | Rider | SB | TL | AG 22.00 | 22.00 | 650 | 25.6 | 1 230 | 48.4 | 566 | 22.3 | 3 732 | 146.9 | 550 | 80 | 45 | 57 | 39 | 49 |
| T445320 | 600/55R26.5 | 165 A8 / 172 A2 | Rider | SB | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 340 | 52.8 | 611 | 24.1 | 4 059 | 159.8 | 550 | 80 | 48 | 61 | 43 | 54 |
| T445408 | 710/45R26.5 | 168 A8 / 175 A2 | Rider | SB | TL | AG 24.00 | 24.00 | 710 | 28.0 | 1 340 | 52.8 | 617 | 24.3 | 4 040 | 159.1 | 550 | 80 | 48 | 61 | 41 | 52 |
| T445462 | 800/50R26.5 | 180 A8 / 187 A2 | Rider | SB | TL | AG 28.00 | 24.00, 26.00 | 800 | 31.5 | 1 485 | 58.5 | 673 | 26.5 | 4 530 | 178.3 | 550 | 80 | 49 | 62 | 42 | 53 |
| T445460 | 600/65R34 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | W18L | 600 | 23.6 | 1 644 | 64.7 | 763 | 30.0 | 5 008 | 197.2 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445455 | 710/55R34 | 171 A8 / 178 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1 640 | 64.6 | 755 | 29.7 | 4 977 | 195.9 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445517 | 710/70R34 | 176 A8 / 183 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1 844 | 72.6 | 841 | 33.1 | 5 592 | 220.2 | 400 | 58 | 53 | 67 | 46 | 58 |

# NOKIAN FOREST KING TRS L-2



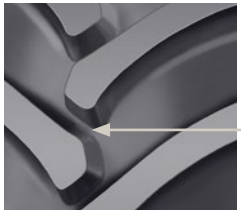

## Excellent traction

- Wide and high pattern lugs for good mobility and operating comfort
- Optimised lug angle and sharp tire shoulders providing excellent lateral grip
- Mainly for operating without tracks
- Steel protection against punctures



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Forest King TRS tread depth measuring point

## Sizes

- Nokian Forest King TRS L-2 600/50-22.5 16PR – T445433
- Nokian Forest King TRS L-2 600/50-22.5 20PR – T445477
- Nokian Forest King TRS L-2 710/40-22.5 16PR – T445421
- Nokian Forest King TRS LS-2 H 500/60-26.5 12PR – T445295
- Nokian Forest King TRS L-2 H 650/60-26.5 12PR – T445339
- Nokian Forest King TRS L-2 650/60-26.5 20PR – T445395
- Nokian Forest King TRS L-2 750/55-26.5 20PR – T445225
- Nokian Forest King TRS L-2 600/65-34 14PR – T487410
- Nokian Forest King TRS L-2 700/55-34 14PR – T487515



# Nokian Forest King TRS L-2 600/50-22.5 16PR – T445433

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445433 | 600/50-22.5 | 151 A8 / 158 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 532 | 20.9 | 3 500 | 137.8 | 360 | 52 | 430 | 62 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 120 | 4 675 | 2 575 | 5 675 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 430 | 5 355 | 3 000 | 6 615 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 725 | 6 010 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 000 | 6 615 | 3 650 | 8 045 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 250 | 7 165 | 4 000 | 8 820 | 4 000 | 8 820 |

Maximum inflation pressure 430 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 55 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Forest King TRS L-2 600/50-22.5 20PR – T445477

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445477 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 535 | 21.1 | 3 537 | 139.3 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 270 | 5 005 | 2 610 | 5 755 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 600 | 5 730 | 2 990 | 6 590 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 210 | 7 075 | 3 690 | 8 135 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 360 | 52 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 400 | 58 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 450 | 65 | 4 000 | 8 820 | 4 280 | 9 435 | 4 920 | 10 845 | 4 875 | 10 745 |
| 500 | 73 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 55 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Forest King TRS L-2 710/40-22.5 16PR – T445421

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445421 | 710/40-22.5 | 154 A8 / 161 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 171 | 46.1 | 538 | 21.2 | 3 531 | 139.0 | 360 | 52 | 400 | 58 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 725 | 6 010 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 150 | 6 945 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 360 | 52 | 3 650 | 8 045 | 3 910 | 8 620 | 4 500 | 9 920 | 4 500 | 9 920 |

Maximum inflation pressure 400 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 372 | 820 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Forest King TRS LS-2 H 500/60-26.5 12PR – T445295

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445295 | 500/60-26.5 | 144 A8 / 151 A2 | 12 | TRS LS-2 H | SF | TT | AG 16.00 | | 503 | 19.8 | 1 273 | 50.1 | 595 | 23.4 | 3 820 | 150.4 | 320 | 46 | 320 | 46 | 53 | 67 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |

Maximum inflation pressure 320 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 305 | 80 | 230 | 60 | 188 | 50 | 96 | 210 | 283 | 625 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55096 | TR 218 A |



# Nokian Forest King TRS L-2 H 650/60-26.5 12PR – T445339

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445339 | 650/60-26.5 | 158 A8 / 166 A2 | 12 | TRS L-2 H | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 671 | 26.4 | 4 411 | 173.7 | 240 | 35 | 280 | 41 | 50 | 63 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 200 | 29 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 240 | 35 | 3 875 | 8 545 | 4 150 | 9 150 | 4 750 | 10 470 | 4 750 | 10 470 |
| 280 | 41 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |

Maximum inflation pressure 280 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 550 | 145 | 415 | 110 | 338 | 90 | 173 | 380 | 511 | 1 125 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King TRS L-2 650/60-26.5 20PR – T445395

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445395 | 650/60-26.5 | 172 A8 / 179 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 676 | 26.6 | 4 467 | 175.9 | 500 | 73 | 550 | 80 | 50 | 63 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 200 | 29 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 240 | 35 | 3 875 | 8 545 | 4 150 | 9 150 | 4 750 | 10 470 | 4 750 | 10 470 |
| 280 | 41 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 320 | 46 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 360 | 52 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 400 | 58 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |
| 450 | 65 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 500 | 73 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 550 | 145 | 415 | 110 | 338 | 90 | 173 | 380 | 511 | 1 125 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King TRS L-2 750/55-26.5 20PR – T445225

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445225 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 672 | 26.5 | 4 461 | 175.6 | 500 | 73 | 550 | 80 | 50 | 63 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |

Maximum inflation pressure 550 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 620 | 165 | 465 | 125 | 382 | 100 | 195 | 430 | 576 | 1 270 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King TRS L-2 600/65-34 14PR – T487410

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T487410 | 600/65-34 | 157 A8 / 164 A2 | 14 | TRS L-2 | SF | TT | DW20B | | 600 | 23.6 | 1 644 | 64.7 | 758 | 29.8 | 4 916 | 193.5 | 240 | 35 | 290 | 42 | 51 | 64 | 41 | 52 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 200 | 29 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 240 | 35 | 4 750 | 10 470 | 5 080 | 11 200 | 5 840 | 12 875 | 5 800 | 12 785 |

Maximum inflation pressure 290 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 595 | 155 | 445 | 120 | 366 | 95 | 187 | 410 | 553 | 1 220 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55394 | TR 218 A |



# Nokian Forest King TRS L-2 700/55-34 14PR – T487515

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T487515 | 700/55-34 | 160 A8 / 168 A2 | 14 | TRS L-2 | SF | TT | DW24B | DW23B, DW24 | 700 | 27.6 | 1 634 | 64.3 | 753 | 29.6 | 4 939 | 194.4 | 240 | 35 | 280 | 41 | 51 | 64 | 41 | 52 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 200 | 29 | 4 250 | 9 370 | 4 550 | 10 030 | 5 230 | 11 530 | 5 300 | 11 685 |
| 240 | 35 | 4 750 | 10 470 | 5 080 | 11 200 | 5 840 | 12 875 | 5 800 | 12 785 |

Maximum inflation pressure 280 kPa, without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 700 | 185 | 525 | 140 | 431 | 115 | 220 | 485 | 650 | 1 435 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55394 | TR 218 A |



# Nokian Forest King TRS L-2 – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

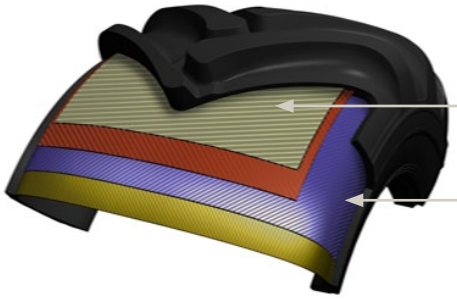
| Product code | Size | LI/SS | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure for load capacity calculation | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445433 | 600/50-22.5 | 151 A8 / 158 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 532 | 20.9 | 3 500 | 137.8 | 360 | 52 | 430 | 62 | 42 | 53 | - | - |
| T445477 | 600/50-22.5 | 159 A8 / 167 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | | 600 | 23.6 | 1 171 | 46.1 | 535 | 21.1 | 3 537 | 139.3 | 500 | 73 | 550 | 80 | 42 | 53 | - | - |
| T445421 | 710/40-22.5 | 154 A8 / 161 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | | 710 | 28.0 | 1 171 | 46.1 | 538 | 21.2 | 3 531 | 139.0 | 360 | 52 | 400 | 58 | 42 | 53 | - | - |
| T445295 | 500/60-26.5 | 144 A8 / 151 A2 | 12 | TRS LS-2 H | SF | TT | AG 16.00 | | 503 | 19.8 | 1 273 | 50.1 | 595 | 23.4 | 3 820 | 150.4 | 320 | 46 | 320 | 46 | 53 | 67 | - | - |
| T445339 | 650/60-26.5 | 158 A8 / 166 A2 | 12 | TRS L-2 H | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 671 | 26.4 | 4 411 | 173.7 | 240 | 35 | 280 | 41 | 50 | 63 | 42 | 53 |
| T445395 | 650/60-26.5 | 172 A8 / 179 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | | 650 | 25.6 | 1 485 | 58.5 | 676 | 26.6 | 4 467 | 175.9 | 500 | 73 | 550 | 80 | 50 | 63 | 42 | 53 |
| T445225 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | | 750 | 29.5 | 1 485 | 58.5 | 672 | 26.5 | 4 461 | 175.6 | 500 | 73 | 550 | 80 | 50 | 63 | 42 | 53 |
| T487410 | 600/65-34 | 157 A8 / 164 A2 | 14 | TRS L-2 | SF | TT | DW20B | | 600 | 23.6 | 1 644 | 64.7 | 758 | 29.8 | 4 916 | 193.5 | 240 | 35 | 290 | 42 | 51 | 64 | 41 | 52 |
| T487515 | 700/55-34 | 160 A8 / 168 A2 | 14 | TRS L-2 | SF | TT | DW24B | DW23B, DW24 | 700 | 27.6 | 1 634 | 64.3 | 753 | 29.6 | 4 939 | 194.4 | 240 | 35 | 280 | 41 | 51 | 64 | 41 | 52 |

# NOKIAN NORDMAN FOREST TRS L-2



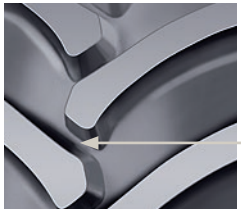

## Nokian Nordman Forest TRS L-2

- Good lateral grip due to tire construction and shoulder area shape
- Good terrain mobility due to deep tread pattern and wide ribs
- Reliable and cost efficient solution also for older forestry machines in need of basic maintenance involving new tires



## Diagonal Forestry Tire

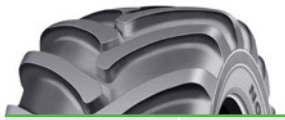
- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Nordman Forest TRS L-2 tread depth measuring point

## Sizes

- Nokian Nordman Forest TRS L-2 600/50-22.5 16PR – T445622
- Nokian Nordman Forest TRS L-2 710/40-22.5 16PR – T445624
- Nokian Nordman Forest TRS L-2 600/55-26.5 16PR – T445473
- Nokian Nordman Forest TRS L-2 600/55-26.5 20PR – T445527
- Nokian Nordman Forest TRS L-2 710/45-26.5 16PR – T445474
- Nokian Nordman Forest TRS L-2 710/45-26.5 20PR – T445541
- Nokian Nordman Forest TRS L-2 750/55-26.5 20PR – T445528
- Nokian Nordman Forest TRS L-2 600/65-34 20PR – T445475
- Nokian Nordman Forest TRS L-2 700/55-34 20PR – T445476
- Nokian Nordman Forest TRS L-2 700/70-34 20PR – T445596



# Nokian Nordman Forest TRS L-2 600/50-22.5 16PR – T445622

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445622 | 600/50-22.5 | 149 A8 / 156 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 171 | 46.1 | 545 | 21.5 | 3 544 | 139.5 | 400 | 58 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 120 | 4 675 | 2 120 | 4 675 | 2 575 | 5 675 | 2 575 | 5 675 |
| 200 | 29 | 2 430 | 5 355 | 2 430 | 5 355 | 3 000 | 6 615 | 3 000 | 6 615 |
| 240 | 35 | 2 725 | 6 010 | 2 725 | 6 010 | 3 350 | 7 385 | 3 350 | 7 385 |
| 280 | 41 | 3 000 | 6 615 | 3 000 | 6 615 | 3 650 | 8 045 | 3 650 | 8 045 |
| 320 | 46 | 3 250 | 7 165 | 3 250 | 7 165 | 4 000 | 8 820 | 4 000 | 8 820 |

Maximum pressure / Track pressure 400 kPa/58 psi

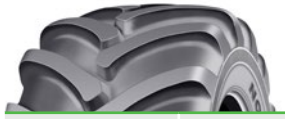
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 55 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55089 | TR 218 A |



# Nokian Nordman Forest TRS L-2 710/40-22.5 16PR – T445624

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445624 | 710/40-22.5 | 151 A8 / 158 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28 | 1 171 | 46.1 | 539 | 21.2 | 3 537 | 139.3 | 400 | 58 | 42 | 53 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 240 | 4 940 | 2 400 | 5 290 | 2 725 | 6 010 | 2 725 | 6 010 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 150 | 6 945 | 3 150 | 6 945 |
| 240 | 35 | 2 900 | 6 395 | 3 100 | 6 835 | 3 550 | 7 825 | 3 550 | 7 825 |
| 280 | 41 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 320 | 46 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |

Maximum pressure / Track pressure 400 kPa/58 psi

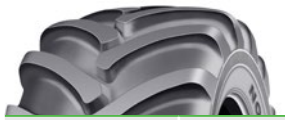
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 400 | 105 | 300 | 80 | 246 | 65 | 125 | 275 | 371 | 820 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55092 | TR 218 A |



# Nokian Nordman Forest TRS L-2 600/55-26.5 16PR – T445473

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445473 | 600/55-26.5 | 158 A8 / 166 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 340 | 52.8 | 616 | 24.3 | 4 046 | 159.3 | 400 | 58 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |

Maximum pressure / Track pressure 400 kPa/58 psi

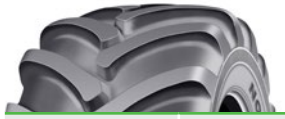
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 386 | 100 | 290 | 75 | 238 | 65 | 121 | 265 | 359 | 790 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Nordman Forest TRS L-2 600/55-26.5 20PR – T445527

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445527 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 340 | 52.8 | 616 | 24.3 | 4 065 | 160.0 | 500 | 73 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 500 | 5 510 | 2 680 | 5 910 | 3 075 | 6 780 | 3 075 | 6 780 |
| 200 | 29 | 2 800 | 6 175 | 3 000 | 6 615 | 3 450 | 7 605 | 3 450 | 7 605 |
| 240 | 35 | 3 150 | 6 945 | 3 370 | 7 430 | 3 875 | 8 545 | 3 875 | 8 545 |
| 280 | 41 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 400 | 58 | 4 250 | 9 370 | 4 550 | 10 030 | 5 300 | 11 685 | 5 300 | 11 685 |
| 450 | 65 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 500 | 73 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 6 300 | 13 890 |

Maximum pressure / Track pressure 500 kPa/73 psi

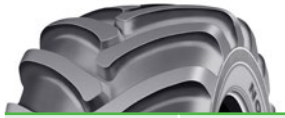
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 386 | 100 | 290 | 75 | 238 | 65 | 121 | 265 | 359 | 790 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55098 | TR 218 A |



# Nokian Nordman Forest TRS L-2 710/45-26.5 16PR – T445474

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445474 | 710/45-26.5 | 161 A8 / 168 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28.0 | 1 340 | 52.8 | 619 | 24.4 | 4 040 | 159.1 | 400 | 58 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 180 | 4 805 | 2 330 | 5 135 | 2 650 | 5 840 | 2 650 | 5 840 |
| 200 | 29 | 2 575 | 5 675 | 2 760 | 6 085 | 3 150 | 6 945 | 3 150 | 6 945 |
| 240 | 35 | 3 000 | 6 615 | 3 210 | 7 075 | 3 650 | 8 045 | 3 650 | 8 045 |
| 280 | 41 | 3 350 | 7 385 | 3 580 | 7 890 | 4 125 | 9 095 | 4 125 | 9 095 |
| 320 | 46 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 360 | 52 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 400 | 58 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |

Maximum pressure / Track pressure 400 kPa/58 psi

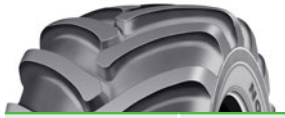
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 130 | 370 | 100 | 302 | 80 | 154 | 340 | 455 | 1 005 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Nordman Forest TRS L-2 710/45-26.5 20PR – T445541

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445541 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28.0 | 1 340 | 52.8 | 608 | 23.9 | 4 077 | 160.5 | 550 | 80 | 48 | 61 | - | - |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 3 075 | 6 780 | 3 290 | 7 255 | 3 750 | 8 265 | 3 750 | 8 265 |
| 240 | 35 | 3 450 | 7 605 | 3 690 | 8 135 | 4 250 | 9 370 | 4 250 | 9 370 |
| 280 | 41 | 3 750 | 8 265 | 4 010 | 8 840 | 4 625 | 10 195 | 4 625 | 10 195 |
| 320 | 46 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 360 | 52 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 5 450 | 12 015 |
| 400 | 58 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 450 | 65 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 500 | 73 | 5 600 | 12 345 | 5 990 | 13 205 | 6 900 | 15 210 | 6 900 | 15 210 |

Maximum pressure / Track pressure 500 kPa/73 psi

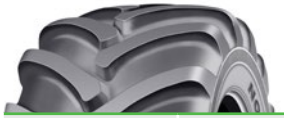
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 490 | 110 | 370 | 80 | 302 | 66 | 154 | 340 | 455 | 1 005 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55099 | TR 218 A |



# Nokian Nordman Forest TRS L-2 750/55-26.5 20PR – T445528

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445528 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | 750 | 29.5 | 1 485 | 58.5 | 667 | 26.3 | 4 474 | 176.1 | 500 | 73 | 50 | 63 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 240 | 35 | 4 625 | 10 195 | 4 950 | 10 915 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 800 | 12 785 | 6 210 | 13 690 | 7 100 | 15 655 | 7 100 | 15 655 |
| 400 | 58 | 6 000 | 13 230 | 6 420 | 14 155 | 7 300 | 16 095 | 7 300 | 16 095 |
| 450 | 65 | 6 700 | 14 770 | 7 170 | 15 805 | 8 250 | 18 190 | 8 250 | 18 190 |
| 500 | 73 | 7 300 | 16 095 | 7 810 | 17 220 | 9 000 | 19 840 | 9 000 | 19 840 |

Maximum pressure / Track pressure 500 kPa/73 psi

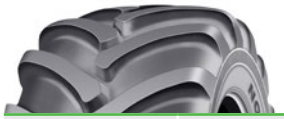
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 595 | 155 | 465 | 125 | 382 | 100 | 195 | 430 | 576 | 1 270 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Nordman Forest TRS L-2 600/65-34 20PR – T445475

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445475 | 600/65-34 | 163 A8 / 170 A2 | 20 | TRS L-2 | SF | TT | DW20B | 600 | 23.6 | 1 644 | 64.7 | 755 | 29.7 | 4 964 | 195.4 | 360 | 52 | 51 | 64 | 41 | 52 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 200 | 29 | 3 650 | 8 045 | 3 910 | 8 620 | 4 500 | 9 920 | 4 500 | 9 920 |
| 240 | 35 | 4 125 | 9 095 | 4 410 | 9 720 | 5 000 | 11 025 | 5 000 | 11 025 |
| 280 | 41 | 4 500 | 9 920 | 4 820 | 10 625 | 5 600 | 12 345 | 5 600 | 12 345 |
| 320 | 46 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |

Maximum pressure / Track pressure 360 kPa/52 psi

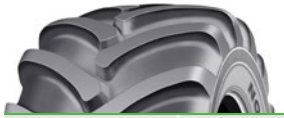
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 595 | 155 | 445 | 120 | 366 | 95 | 187 | 410 | 553 | 1 220 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55394 | TR 218 A |



# Nokian Nordman Forest TRS L-2 700/55-34 20PR – T445476

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445476 | 700/55-34 | 166 A8 / 173 A2 | 20 | TRS L-2 | SF | TT | DW24B | 700 | 27.6 | 1 630 | 64.2 | 751 | 29.6 | 4 938 | 194.4 | 360 | 52 | 51 | 64 | 41 | 52 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 550 | 7 825 | 3 800 | 8 375 | 4 375 | 9 645 | 4 375 | 9 645 |
| 200 | 29 | 4 000 | 8 820 | 4 280 | 9 435 | 4 875 | 10 745 | 4 875 | 10 745 |
| 240 | 35 | 4 500 | 9 920 | 4 820 | 10 625 | 5 600 | 12 345 | 5 600 | 12 345 |
| 280 | 41 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 5 300 | 11 685 | 5 670 | 12 500 | 6 500 | 14 330 | 6 500 | 14 330 |

Maximum pressure / Track pressure 360 kPa/52 psi

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 700 | 185 | 525 | 140 | 431 | 115 | 220 | 485 | 650 | 1 435 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55394 | TR 218 A |



# Nokian Nordman Forest TRS L-2 700/70-34 20PR – T445596

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445596 | 700/70-34 | 173 A8 / 180 A2 | 20 | TRS L-2 | SF | TT | DW20B | 700 | 27.6 | 1 844 | 72.6 | 840 | 33.1 | 5 542 | 218.2 | 360 | 52 | 53 | 67 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 380 | 11 860 |
| 200 | 29 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 240 | 35 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 280 | 41 | 6 150 | 13 560 | 6 580 | 14 505 | 7 560 | 16 665 | 7 500 | 16 535 |
| 320 | 46 | 6 500 | 14 330 | 6 960 | 15 345 | 8 000 | 17 635 | 8 000 | 17 635 |

Maximum pressure / Track pressure 360 kPa/52 psi

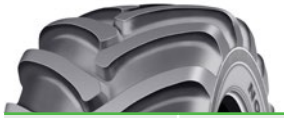
## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 950 | 250 | 715 | 190 | 585 | 155 | 298 | 655 | 883 | 1 945 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Nordman Forest TRS L-2 – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern Nordman Forest | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445622 | 600/55-22.5 | 149 A8 / 156 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 171 | 46.1 | 545 | 21.5 | 3 544 | 139.5 | 400 | 58 | 42 | 53 | - | - |
| T445624 | 710/40-22.5 | 151 A8 / 158 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28 | 1 171 | 46.1 | 539 | 21.2 | 3 537 | 139.3 | 400 | 58 | 42 | 53 | - | - |
| T445473 | 600/55-26.5 | 158 A8 / 166 A2 | 16 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 340 | 52.8 | 616 | 24.3 | 4 046 | 159.3 | 400 | 58 | 48 | 61 | - | - |
| T445527 | 600/55-26.5 | 165 A8 / 172 A2 | 20 | TRS L-2 | SF | TT | AG 20.00 | 600 | 23.6 | 1 340 | 52.8 | 616 | 24.3 | 4 065 | 160.0 | 500 | 73 | 48 | 61 | - | - |
| T445474 | 710/45-26.5 | 161 A8 / 168 A2 | 16 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28.0 | 1 340 | 52.8 | 619 | 24.4 | 4 040 | 159.1 | 400 | 58 | 48 | 61 | - | - |
| T445541 | 710/45-26.5 | 168 A8 / 175 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | 710 | 28.0 | 1 340 | 52.8 | 608 | 23.9 | 4 077 | 160.5 | 550 | 80 | 48 | 61 | - | - |
| T445528 | 750/55-26.5 | 177 A8 / 184 A2 | 20 | TRS L-2 | SF | TT | AG 24.00 | 750 | 29.5 | 1 485 | 58.5 | 667 | 26.3 | 4 474 | 176.1 | 500 | 73 | 50 | 63 | 42 | 53 |
| T445475 | 600/65-34 | 163 A8 / 170 A2 | 20 | TRS L-2 | SF | TT | DW20B | 600 | 23.6 | 1 644 | 64.7 | 755 | 29.7 | 4 964 | 195.4 | 360 | 52 | 51 | 64 | 41 | 52 |
| T445476 | 700/55-34 | 166 A8 / 173 A2 | 20 | TRS L-2 | SF | TT | DW24B | 700 | 27.6 | 1 630 | 64.2 | 751 | 29.6 | 4 938 | 194.4 | 360 | 52 | 51 | 64 | 41 | 52 |
| T445596 | 700/70-34 | 173 A8 / 180 A2 | 20 | TRS L-2 | SF | TT | DW20B | 700 | 27.6 | 1 844 | 72.6 | 840 | 33.1 | 5 542 | 218.2 | 360 | 52 | 53 | 67 | 43 | 54 |

# REPLACEMENT GUIDE



## Nokian Forest King TRS L-2



## Nokian Forest King TRS 2



## Nokian Forest Rider



## Nokian Forest King TRS 2

### 600/50-22.5

Nokian Forest King TRS L-2 T445477 › Nokian Forest King TRS 2 T445618

| | | |
|---|---|---|
| Rim: | Compatible | AG20.00x22.5 |
| Tube: | Compatible | T55089 |
| Chains: | Compatible | |
| Tracks: | Compatible | |

**FULLY REPLACEABLE**

### 710/40-22.5

Nokian Forest King TRS L-2 T445421 › Nokian Forest King TRS 2 T445607

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x22.5 |
| Tube: | Compatible | T55092 |
| Chains: | Compatible | |
| Tracks: | Compatible | |

**FULLY REPLACEABLE**

### 710/45-26.5

Nokian Forest Rider T445408 › Nokian Forest King TRS 2 T445566

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x26.5 |
| Tube: | Compatible | T55099 |
| Chains: | Compatible | |
| Tracks: | Clark | **NEEDS NEW TRACKS** |
| | Olofsfors | Compatible **Note!** Fitment is tight so visual defects may occur. |

**REPLACEABLE WITH ISSUES**

### 600/55-26.5

Nokian Forest Rider T445320 › Nokian Forest King TRS 2 T445567

| | | |
|---|---|---|
| Rim: | Compatible | AG20.00x26.5 |
| Tube: | Compatible | T55098 |
| Chains: | Compatible | |
| Tracks: | Clark | **NEEDS NEW TRACKS** |
| | Olofsfors | **NEEDS NEW TRACKS** |

**REPLACEABLE WITH ISSUES**

**SEE TRACK RECOMMENDATIONS ›**

# REPLACEMENT GUIDE



**Nokian Forest Rider**

›



**Nokian Forest King TRS 2**



**Nokian Forest King TRS L-2**

›



**Nokian Forest King TRS 2**

## 650/45R24.5 › 710/40-24.5

Nokian Forest Rider T445436 › Nokian Forest King TRS 2 T445568

| | | |
|---|---|---|
| Rim: | DIFFERENT | AG24.00x24.5 |
| Tube: | DIFFERENT | T545447 |
| Chains: | DIFFERENT | |
| Tracks: | DIFFERENT | |

NOT REPLACEABLE

## 710/45-26.5

Nokian Forest King TRS L-2 T445225 ›
Nokian Forest King TRS 2 T445602

| | | |
|---|---|---|
| Rim: | Compatible | AG24.00x26.5 |
| Tube: | Compatible | T55102 |
| Chains: | Compatible | |
| Tracks: | Clark | NEEDS NEW TRACKS |
| | Olofsfors | NEEDS NEW TRACKS |

REPLACEABLE WITH ISSUES

SEE TRACK RECOMMENDATIONS ›

# TRACK RECOMMENDATION SHORT LIST

## Track recommendations: Olofsfors and Clark tracks

### 600/50-22.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-640115 | Grouzer | GL-6001760/24 |
| All around | EVO 22 | 094-640115 | Terra 85 | TL-8001760/24 |
| | ECO-TRACK 22 | 097-640115 | | |
| Primarily flotation | Baltic 22 | 089-640115 | FL15 Flotation | FL-1511760/24 |

### 710/45-26.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 26 | 295-644025 | Grouzer | GL-6001771/28 |
| All around | EVO 26 | 294-644025 | Terra 85 | TL-8001771/28 |
| | ECO-TRACK 26 | 297-644025 | Terra 95 | TL-9501771/28 |
| Primarily flotation | MAGNUM 26 | 298-644025 | Terra - X | TXL-8501771/28 |

### 710/40-22.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-652045 | Grouzer | GL-6001772/24 |
| All around | EVO 22 | 094-652045 | Terra 85 | TL-8001772/24 |
| | ECO-SOFT 22 | 027-652045 | | |
| Primarily flotation | MAGNUM 22 | 198-652047 | Terra - X | TXL-8501772/24 |

### 600/55-26.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 26 | 295-624045 | Grouzer | GL-6001766/28 |
| All around | EVO 26 | 294-624045 | Terra 85 | TL-8001766/28 |
| | ECO-TRACK 26 | 297-624045 | | |
| Primarily flotation | MAGNUM 22 | 198-624045 | Terra - X | TXL-8501766/28 |

**NOTE!** To find correct track to correct conditions, please contact track representative **www.olofsfors.com** and **www.clarktracks.com**

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# TRACK RECOMMENDATION SHORT LIST

## 710/40-24.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | OF 22 | 095-661025 | Grouzer | GL-6001774/24 |
| All around | EVO 22 | 094-661025 | Terra | TL-8001774/24 |
| | ECO-TRACK 22 | 097-661025 | | |
| Primarily flotation | MAGNUM 22 | 198-661025 | Terra - X | TXL-8501774/24 |

## 750/55-26.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Extreme traction | EX 30 | 290-663001 | Climbing X | CX-6021775/28 |
| Primarily traction | EVO 26 | 294-663000 | Grouzer | GL-6001775/28 |
| All around / traction | ECO-TRACK 26 | 297-663000 | Terra 95 | TL-9501775/28 |
| Primarily flotation | EVO-M | 394-663000 | Terra - X | TXL-8501775/28 |
| Flotation extreme | MAGNUM 26 | 298-663021 | Terra - X 1000mm | TXL-8591775/28 |

## 800/40-26.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EVO 26 | 294-656030 | Grouzer | GL-6001788/28 |
| All around | ECO-TRACK 26 | 297-656030 | Terra 95 | TL-9501788/28 |
| Primarily flotation | MAGNUM 26 | 298-656025 | Terra - X | TXL-8501788/28 |

## 710/55-28.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EVO 26 | 295-680005 | Grouzer | GL-6001782/28 |
| All around | ECO-TRACK 26 | 297-680005 | Terra 95 | TL-9501782/28 |
| Primarily flotation | EVO-M 26 | 394-680005 | Terra - X | TXL-8501782/28 |

## 780/50-28.5 NOKIAN FOREST KING TRS 2

| | Olofsfors | | Clark | |
|---|---|---|---|---|
| Requirement | Model | Code | Model | Code |
| Primarily traction | EX 30 | 490-673000 | Grouzer | GL-6001781/28 |
| All around | EVO 26 | 294-673000 | Terra 95 | TL-9501781/28 |
| Primarily flotation | EVO-M | 394-673000 | Terra - X | TXL-8501781/28 |

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# TIRE CHOICE AND INFLATION PRESSURES BY APPLICATION

## KOMATSU

### HARVESTERS

- 901
- 901XC
- 911
- 931
- 931XC
- 941
- 951

### FORWARDERS

- 830.3
- 840TX
- 835
- 840.4
- 845
- 855.1 / 855.2
- 860.4
- 865
- 875
- 890.3
- 895

## CAT

### FORWARDERS

- 584
- 584 HD

## JOHN DEERE

### HARVESTERS

- 1070E
- 1170E
- 1270E
- 1470E

### FORWARDERS

- 810E
- 1010E
- 1110G
- 1210G
- 1510G
- 1910E

## LOGSET

### HARVESTERS

- 4H
- 5H
- 6H
- 8H
- 10H

### FORWARDERS

- 4F
- 5F
- 6F
- 8F
- 10F
- 12F

## PONSSE

### HARVESTERS

- Beaver
- Fox
- Scorpion
- Scorpion King
- Ergo
- Bear

### FORWARDERS

- Gazelle
- Wisent / Dual
- Elk
- Buffalo / Dual
- Buffalo / Dual / ADS
- Buffalo King
- Elephant
- Elephant King

## ROTTNE

### HARVESTERS

- H8
- H11
- H11c
- H14c
- H20b
- H21d

### FORWARDERS

- F10b
- F10d
- F11d
- F13c
- F15c
- F18

## Tigercat

Tough • Reliable • Productive

### FORWARDERS

- 1055C
- 1075C
- 1085C

# TIRE CHOICE AND INFLATION PRESSURES BY APPLICATION

KOMATSU

## Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **901** | 600/65-34/20 | | | | | | | | Front, Rear | 320 | 46 | 320 | 46 | 360 | 52 |
| **4 wheels** | 600/65R34 | | | | | | Front, Rear | | | 320 | 46 | 320 | 46 | 400 | 58 |
| | 710/55R34 | | | | | | Front, Rear | | | 320 | 46 | 320 | 46 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front, Rear | 320 | 46 | 320 | 46 | 360 | 52 |
| **901** | 600/50-24.5/20 | | | | | Front | | | | 550 | 80 | | | 550 | 80 |
| **6 wheels** | 650/45R24.5 | | | | | | Front | | | 550 | 80 | | | 550 | 80 |
| | 710/40-24.5/20 | Front | Front | | | Front | | | | 550 | 80 | | | 550 | 80 |
| | 600/65R34 | | | | | | Rear | | | | | 320 | 46 | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Rear | | | 320 | 46 | 360 | 52 |
| | 710/55R34 | | | | | | Rear | | | | | 320 | 46 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Rear | | | 320 | 46 | 360 | 52 |
| **901XC** | 600/50-24.5/20 | | | | | Front, Rear | | | | 500 | 73 | 320 | 46 | 550 | 80 |
| **8 wheels** | 710/40-24.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 500 | 73 | 320 | 46 | 550 | 80 |
| **911** | 600/65-34/20 | | | | | | | | Front, Rear | 320 | 46 | 320 | 46 | 360 | 52 |
| **4 wheels** | 600/65R34 | | | | | | Front, Rear | | | 320 | 46 | 320 | 46 | 400 | 58 |
| | 710/55R34 | | | | | | Front, Rear | | | 320 | 46 | 320 | 46 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front, Rear | 320 | 46 | 320 | 46 | 360 | 52 |
| **911** | 600/55R26.5 | | | | | | Front | | | 460 | 67 | | | 550 | 80 |
| **6 wheels** | 600/55-26.5/20 | Front | Front | | Front | Front | | | Front | 460 | 67 | | | 550 | 80 |
| | 710/45R26.5 | | | | | | Front | | | 460 | 67 | | | 550 | 80 |
| | 710/45-26.5/16 | | Front | | | | | | | 460 | 67 | | | 460 | 67 |
| | 710/45-26.5/20 | Front | Front | | Front | Front | | | Front | 460 | 67 | | | 550 | 80 |
| | 710/45-26.5/24 | Front | Front | | | | | | | 460 | 67 | | | 600 | 87 |
| | 800/40-26.5/20 | Front | Front | | | Front | | | | 460 | 67 | | | 550 | 80 |
| | 600/65R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/55R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

KOMATSU

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **931** | 600/55R26.5 | | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 600/55-26.5/20 | Front | Front | | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| | 710/45R26.5 | | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| | 710/45-26.5/24 | Front | Front | | | | | | | 500 | 73 | | | 600 | 87 |
| | 800/40-26.5/20 | Front | Front | | | Front | | | | 500 | 73 | | | 550 | 80 |
| | 600/65R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/55R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| **931XC** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 500 | 73 | 400 | 58 | 550 | 80 |
| **8 wheels** | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 500 | 73 | 400 | 58 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | Front, Rear | | | | 500 | 73 | 400 | 58 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 500 | 73 | 400 | 58 | 550 | 80 |
| **941** | 650/65-26.5/20 | | | Front | | | | Front | | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 750/55-26.5/20 | | Front | | Front | | | Front | Front | 500 | 73 | | | 550 | 80 |
| | 750/55-26.5/24 | Front | | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 780/55-26.5/20 | | Front | | | | | | | 500 | 73 | | | 550 | 80 |
| | 800/50R26.5 | | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 700/70-34/16 | | | | | | | Rear | | | | 260 | 38 | 260 | 38 |
| | 700/70-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/70R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| **951** | 710/55-28.5/24 | Front | | | | Front | | | | 500 | 73 | | | 600 | 87 |
| **6 wheels** | 780/50-28.5/24 | Front | | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 710/70R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

KOMATSU

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **830.3** | 600/50-22.5/16 | | | Front, Rear | | | | Front, Rear | | 350 | 51 | 430 | 62 | 430 | 62 |
| **8 wheels** | 600/50-22.5/20 | | | | | | | Front, Rear | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/40-22.5/16 | | Front, Rear | | | | | Front, Rear | | 350 | 51 | 400 | 58 | 400 | 58 |
| **840TX** | 600/50R24.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 650/45R24.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/40-24.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 550 | 80 | 550 | 80 |
| **835** | 600/50-24.5/20 | | | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 650/45R24.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/40-24.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 550 | 80 | 550 | 80 |
| **840.4** | 600/55-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 350 | 51 | 500 | 73 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **840.4** | 600/55-26.5/20 | Rear | Rear | | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/45R26.5 | | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 710/45-26.5/20 | Rear | Rear | | Rear | Rear | | | Rear | | | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Rear | Rear | | | | | | | | | 500 | 73 | 600 | 87 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 500 | 73 | 550 | 80 |
| | 600/65R34 | | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/55R34 | | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| **845** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 350 | 51 | 500 | 73 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

KOMATSU

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **855.1 / 855.2** | 710/45R26.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 400 | 58 | 550 | 80 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **855.1 / 855.2** | 710/45R26.5 | | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/20 | Rear | Rear | | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| | 710/45-26.5/24 | Rear | Rear | | | | | | | | | 550 | 80 | 600 | 87 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 550 | 80 | 550 | 80 |
| | 600/65R34 | | | | | | Front | | | 350 | 51 | | | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Front | 350 | 51 | | | 360 | 52 |
| | 710/55R34 | | | | | | Front | | | 350 | 51 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 350 | 51 | | | 360 | 52 |
| **860.4** | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 400 | 58 | 550 | 80 | 600 | 87 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **860.4** | 710/45-26.5/20 | Rear | Rear | | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/24 | Rear | Rear | | | | | | | | | 600 | 87 | 600 | 87 |
| | 710/45R26.5 | | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 550 | 80 | 550 | 80 |
| | 600/65R34 | | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/55R34 | | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| **865** | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 400 | 58 | 600 | 87 | 600 | 87 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **865** | 710/45-26.5/20 | Rear | Rear | | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/24 | Rear | Rear | | | | | | | | | 600 | 87 | 600 | 87 |
| | 710/45R26.5 | | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 550 | 80 | 550 | 80 |
| | 600/65R34 | | | | | | Front | | | 360 | 52 | | | 400 | 58 |
| | 600/65-34/20 | | | | | | | | Front | 360 | 52 | | | 360 | 52 |
| | 710/55R34 | | | | | | Front | | | 340 | 49 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 340 | 49 | | | 360 | 52 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

KOMATSU

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **875** | 710/45-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 400 | 58 | 600 | 87 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **875** | 710/45-26.5/20 | Rear | Rear | | | Rear | | | | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/24 | Rear | Rear | | | | | | | | | 600 | 87 | 600 | 87 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 550 | 80 | 550 | 80 |
| | 710/55R34 | | | | | | Front | | | 350 | 51 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 350 | 51 | | | 360 | 52 |
| **890.3** | 750/55-26.5/20 | | Front, Rear | | | | | Front, Rear | | 450 | 65 | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | | 450 | 65 | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | | | | | Front, Rear | | | 450 | 65 | 550 | 80 | 550 | 80 |
| **890.3** | 750/55-26.5/20 | | Rear | | Rear | | | Rear | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Rear | | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 700/70-34/16 | | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 700/70-34/20 | | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/70R34 | | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| **895, 8 wheels** | 780/50-28.5/24 | Front, Rear | | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| **895** | 780/50-28.5/24 | Rear | | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| **6 wheels** | 710/70R34 | | | | | | Front | | | 340 | 49 | | | 400 | 58 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | Inflation pressure | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Front | | Rear | | With tracks | | Max inflation and track pressure | |
| | | F | Rider | ELS | TRS | kPa | psi | kPa | psi | kPa | psi | kPa | psi |
| **584** | 750/55-26.5/20 | Rear | | | Rear | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| **6 wheels** | 780/55-26.5/20 | Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | Rear | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| | 700/70-34/16 | | | | Front | 260 | 41 | | | 280 | 41 | 260 | 41 |
| **584** | 750/55-26.5/20 | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| **8 wheels** | 780/55-26.5/20 | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| **584 HD** | 750/55-26.5/20 | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| **8 wheels** | 780/55-26.5/20 | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 | 550 | 80 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

JOHN DEERE

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **1070E** | 650/60-26.5/20 | | | Front, Rear | | | | Front, Rear | | 450 | 65 | 300 | 44 | 550 | 80 |
| **4 wheels** | 750/55-26.5/20 | | Front, Rear | | Front, Rear | | | Front, Rear | Front, Rear | 450 | 65 | 300 | 44 | 550 | 80 |
| | 750/55-26.5/24 | Front, Rear | | | | Front, Rear | | | | 450 | 65 | 300 | 44 | 600 | 87 |
| | 600/65-34/20 | | | | | | | | Front, Rear | 320 | 46 | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | | Front, Rear | | | 320 | 46 | 280 | 41 | 400 | 58 |
| | 710/55R34 | | | | | | Front, Rear | | | 320 | 46 | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front, Rear | 320 | 46 | 280 | 41 | 360 | 52 |
| **1070E** | 600/50-22.5/16 | | | Front | | | | | | 400 | 58 | | | 430 | 62 |
| **6 wheels** | 710/40-22.5/16 | | Front | | | | | | | 400 | 58 | | | 400 | 58 |
| | 710/40-22.5/20 | Front | | | | Front | | | | 400 | 58 | | | 550 | 80 |
| | 650/60-26.5/12 | | | | | | | Rear | | | | 280 | 41 | 280 | 41 |
| | 650/60-26.5/20 | | | Rear | | | | Rear | | | | 300 | 44 | 550 | 80 |
| | 750/55-26.5/20 | Rear | Rear | | | | | Rear | | | | 300 | 44 | 550 | 80 |
| | 600/65-34/20 | | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 710/55-34/20 | | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **1170E** | 600/50R24.5 | | | | | | Front | | | 450 | 65 | | | 550 | 80 |
| **6 wheels** | 650/45R24.5 | | | | | | Front | | | 450 | 65 | | | 550 | 80 |
| | 710/40-24.5/20 | Front | Front | | Front | Front | | | | 450 | 65 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 600/65R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/55R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

JOHN DEERE

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |  |  |  Front | | Rear | |  Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **1270E** | 600/55-26.5/20 | Front | Front | | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | | | | | 500 | 73 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| | 710/45R26.5 | | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 710/45-26.5/24 | Front | Front | | | | | | | 500 | 73 | | | 600 | 87 |
| | 800/40-26.5/20 | Front | Front | | | Front | | | | 500 | 73 | | | 500 | 73 |
| | 600/65-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 600/65R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 710/55R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| **1270E** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 500 | 73 | 400 | 58 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 500 | 73 | 400 | 58 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 500 | 73 | 400 | 58 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 500 | 73 | 400 | 58 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | | 500 | 73 | 400 | 58 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 500 | 73 | 400 | 58 | 500 | 73 |
| **1470E** | 650/65-26.5/20 | | | Front | | | | Front | | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 750/55-26.5/20 | | Front | | Front | | | Front | Front | 500 | 73 | | | 550 | 80 |
| | 750/55-26.5/24 | Front | | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 780/55-26.5/20 | | Front | | | | | | | 500 | 73 | | | 600 | 87 |
| | 710/55-28.5/24 | Front | Front | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 780/50-28.5/24 | Front | | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 700/70-34/16 | | | | | | | Rear | | | | 260 | 38 | 260 | 38 |
| | 700/70-34/20 | | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/70R34 | | | | | | Rear | | | | | 300 | 44 | 400 | 58 |




Maximum inflation pressure
in bead seating 250 kPa / 36 psi

JOHN DEERE

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **810E** | 600/50-22.5/20 | | | | | | Front, Rear | | 300 | 44 | 500 | 73 | 550 | 80 |
| **8 wheels** | 710/40-22.5/16 | | Front, Rear | | | | Front, Rear | | 300 | 44 | 400 | 58 | 400 | 58 |
| | 710/40-22.5/20 | Front, Rear | | | Front, Rear | | | | 300 | 44 | 500 | 73 | 550 | 80 |
| **1010E** | 600/50R24.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 650/45R24.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/40-24.5/20 | Rear | Rear | | Rear | | | | | | 500 | 73 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 710/55R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 28L-26/26 | | | | | | Front | | 300 | 44 | | | 420 | 61 |
| **1010E** | 600/50R24.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 650/45R24.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/40-24.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | | 400 | 58 | 500 | 73 | 550 | 80 |
| **1110G** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | 400 | 58 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | 400 | 58 | 500 | 73 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 500 | 73 | 500 | 73 |
| **1110G** | 600/55-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Rear | Rear | | | | | | | | 500 | 73 | 550 | 80 |
| | 710/45R26.5 | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | Rear | | | | | | 500 | 73 | 500 | 73 |
| | 600/65-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 710/55R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 28L-26/26 | | | | | | Front | | 300 | 44 | | | 420 | 61 |
| **1210G** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | 400 | 58 | 500 | 73 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 500 | 73 | 550 | 80 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

JOHN DEERE

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **1210G** | 600/55-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Rear | Rear | | | | | | | | 500 | 73 | 600 | 87 |
| | 710/45R26.5 | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | Rear | | | | | | 500 | 73 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 710/55R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 28L-26/26 | | | | | | Front | | 300 | 44 | | | 420 | 61 |
| **1510G** | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | 400 | 58 | 600 | 87 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **1510G** | 710/45-26.5/20 | Rear | Rear | | Rear | | | | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/24 | Rear | Rear | | | | | | | | 600 | 87 | 600 | 87 |
| | 710/45R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | | Rear | | Rear | | | | | | 500 | 73 | 500 | 73 |
| | 600/65R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 600/65-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/55R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| **1910E** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | | | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 800/50R26.5 | | | | | Front, Rear | | | 450 | 65 | 550 | 80 | 550 | 80 |
| | 710/55-28.5/24 | Front, Rear | | | Front, Rear | | | | 500 | 73 | 600 | 87 | 600 | 87 |
| | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| **1910E** | 750/55-26.5/20 | | Rear | Rear | | | Rear | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | 600 | 87 | 600 | 87 |
| | 800/50R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/55-28.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 780/50-28.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 700/70-34/16 | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 700/70-34/20 | | | | | | | Front | 340 | 49 | | | 360 | 52 |
| | 710/70R34 | | | | | Front | | | 340 | 49 | | | 400 | 58 |

Maximum inflation pressure
in bead seating 250 kPa / 36 psi

LOGSET

## Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **4H** | 650/60-26.5/12 | | | | | | Front, Rear | | 240 | 35 | 240 | 35 | 280 | 41 |
| **4 wheels** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | 280 | 41 | 280 | 41 | 550 | 80 |
| | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 280 | 41 | 280 | 41 | 550 | 80 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 280 | 41 | 280 | 41 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front, Rear | 280 | 41 | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Front, Rear | | | 280 | 41 | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front, Rear | 260 | 38 | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Front, Rear | | | 260 | 38 | 280 | 41 | 400 | 58 |
| **5H** | 600/50-22.5/20 | | | | | | Front | | 430 | 62 | | | 550 | 80 |
| **6 wheels** | 710/40-22.5/16 | | Front | | | | | | 400 | 58 | | | 430 | 62 |
| | 710/40-22.5/20 | Front | Front | | Rear | | | | 400 | 58 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **6H** | 600/55-26.5/20 | Front | Front | Front | Front | | | Front | 550 | 80 | | | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Front | | | 550 | 80 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | Front | Front | | | Front | 550 | 80 | | | 550 | 80 |
| | 710/45R26.5 | | | | | Front | | | 550 | 80 | | | 550 | 80 |
| | 800/40-26.5/20 | Front | Front | | Front | | | | 550 | 80 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **8H** | 600/55-26.5/20 | Front | Front | Front | Front | | | Front | 550 | 80 | | | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Front | | | 550 | 80 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | Front | Front | | | Front | 550 | 80 | | | 550 | 80 |
| | 710/45R26.5 | | | | | Front | | | 550 | 80 | | | 550 | 80 |
| | 800/40-26.5/20 | Front | Front | | Front | | | | 550 | 80 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **10H** | 750/55-26.5/20 | | Front | Front | | | Front | Front | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Front | | | Front | | | | 500 | 73 | | | 550 | 80 |
| | 780/55-26.5/20 | | Front | | | | | | 500 | 73 | | | 550 | 80 |
| | 710/55-28.5/24 | Front | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 780/50-28.5/24 | Front | | | Front | | | | 500 | 73 | | | 600 | 87 |
| | 700/70-34/16 | | | | | | Rear | | | | 260 | 38 | 260 | 38 |
| | 700/70-34/20 | | | | | | | Rear | | | 300 | 44 | 360 | 52 |
| | 710/70R34 | | | | | Rear | | | | | 300 | 44 | 400 | 58 |

Maximum inflation pressure
in bead seating 250 kPa / 36 psi

LOGSET

## Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **4F** | 600/50-22.5/20 | | | | | | Front, Rear | | 350 | 51 | 500 | 73 | 550 | 80 |
| **8 wheels** | 710/40-22.5/16 | | Front, Rear | | | | | | 350 | 51 | 430 | 62 | 430 | 62 |
| | 710/40-22.5/20 | Front, Rear | | | Front, Rear | | | | 350 | 51 | 430 | 62 | 430 | 62 |
| **5F** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/16 | | Front, Rear | | | | | | 350 | 51 | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **6F** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **8F** | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 500 | 73 | 550 | 80 |
| **10F** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 400 | 58 | 550 | 80 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | | 400 | 58 | 600 | 87 | 600 | 87 |
| **12F - 8 wheels** | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 58 | 600 | 87 | 600 | 87 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

PONSSE

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **Beaver** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 380 | 55 | 460 | 67 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 380 | 55 | 460 | 67 | 550 | 80 |
| | 710/45-26.5/16 | | Front, Rear | | | | | | | 350 | 51 | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 460 | 67 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 350 | 51 | 460 | 67 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 460 | 67 | 550 | 80 |
| | 650/65-26.5/20 | | Front, Rear | Front | | | | Front | | 350 | 51 | 460 | 67 | 550 | 80 |
| | 750/55-26.5/20 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 460 | 67 | 550 | 80 |
| **Fox** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 460 | 67 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 400 | 58 | 460 | 67 | 550 | 80 |
| | 710/45-26.5/16 | | Front, Rear | | | | | | | 400 | 58 | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 460 | 67 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 400 | 58 | 460 | 67 | 550 | 80 |
| | 800/40-26.5 | Front, Rear | Front, Rear | | | Front, Rear | | | | 400 | 58 | 460 | 67 | 550 | 80 |
| **Scorpion** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 450 | 65 | 450 | 65 | 550 | 80 |
| **Scorpion King** | 600/55R26.5 | | | | | | Front, Rear | | | 450 | 65 | 450 | 65 | 550 | 80 |
| **8 wheels** | 710/45-26.5/16 | | Front, Rear | | | | | | | 450 | 65 | 450 | 65 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 450 | 65 | 450 | 65 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 450 | 65 | 450 | 65 | 550 | 80 |
| | 800/40-26.5 | Front, Rear | Front, Rear | | | Front, Rear | | | | 450 | 65 | 450 | 65 | 550 | 80 |
| **Ergo** | 600/55-26.5/20 | Rear | Rear | | Rear | | | | Rear | | | 460 | 67 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | | Rear | | | | | 460 | 67 | 550 | 80 |
| | 710/45-26.5/16 | | Rear | | | | | | | | | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Rear | Rear | | Rear | | | | Rear | | | 460 | 67 | 550 | 80 |
| | 710/45R26.5 | | | | | | Rear | | | | | 460 | 67 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | | Rear | | | | | | 460 | 67 | 550 | 80 |
| | 600/65-34/20 | | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 600/65R34 | | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 710/55R34 | | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| **Ergo** | 600/55-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 460 | 67 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | | Front, Rear | | | 350 | 51 | 460 | 67 | 550 | 80 |
| | 710/45-26.5/16 | | Front, Rear | | | | | | | 350 | 51 | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 460 | 67 | 550 | 80 |
| | 710/45R26.5 | | | | | | Front, Rear | | | 350 | 51 | 460 | 67 | 550 | 80 |
| | 800/40-26.5 | Front, Rear | Front, Rear | | | Front, Rear | | | | 350 | 51 | 460 | 67 | 550 | 80 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

PONSSE

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | ELS | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **Bear** | 650/65-26.5/20 | | | Front, Rear | | | | Front, Rear | | 400 | 58 | 460 | 67 | 550 | 80 |
| **8 wheels** | 750/55-26.5/20 | | Front, Rear | | Front, Rear | | | Front, Rear | Front, Rear | 400 | 58 | 460 | 67 | 550 | 80 |
| | 750/55-26.5/24 | Front, Rear | | | | Front, Rear | | | | 400 | 58 | 460 | 67 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | | 400 | 58 | 460 | 67 | 550 | 80 |
| | 800/50R26.5 | | | | | | Front, Rear | | | 400 | 58 | 460 | 67 | 550 | 80 |
| | 710/55-28.5/24 | Front, Rear | | | | Front, Rear | | | | 400 | 58 | 460 | 67 | 600 | 80 |
| | 780/50-28.5/24 | Front, Rear | | | | Front, Rear | | | | 400 | 58 | 460 | 67 | 600 | 80 |
| **Bear** | 650/65-26.5/20 | | | Rear | | | | Rear | | | | 460 | 67 | 550 | 80 |
| **6 wheels** | 750/55-26.5/20 | | Rear | | Rear | | | Rear | Rear | | | 460 | 67 | 550 | 80 |
| | 750/55-26.5/24 | Rear | | | | Rear | | | | | | 460 | 67 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | | 460 | 67 | 550 | 80 |
| | 710/55-28.5/24 | Rear | | | | Rear | | | | | | 460 | 67 | 600 | 87 |
| | 780/50-28.5/24 | Rear | | | | Rear | | | | | | 460 | 67 | 600 | 87 |
| | 800/50R26.5 | | | | | | Rear | | | | | 460 | 67 | 550 | 80 |
| | 700/70-34/16 | | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 700/70-34/20 | | | | | | | Front | | 300 | 44 | | | 360 | 52 |
| | 710/70R34 | | | | | | Front | | | 300 | 44 | | | 400 | 58 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

PONSSE

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **Gazelle** | 600/50-22.5/20 | | | | | | Front, Rear | | 350 | 51 | 500 | 73 | 550 | 80 |
| **8 wheels** | 710/40-22.5/16 | | Front, Rear | | | | Front, Rear | | 350 | 51 | 430 | 62 | 430 | 62 |
| | 710/40-22.5/20 | Front, Rear | | | Front, Rear | | | | 350 | 51 | 430 | 62 | 430 | 62 |
| **Wisent / Dual** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/16 | | Front, Rear | | | | | | 350 | 51 | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 350 | 51 | 500 | 73 | 500 | 73 |
| **Wisent / Dual** | 600/55-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/45-26.5/16 | | Rear | | | | | | | | 460 | 67 | 460 | 67 |
| | 710/45-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 500 | 73 | 550 | 80 |
| | 710/45R26.5 | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | Rear | | | | | | 500 | 73 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 710/55R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| **Elk** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | 350 | 51 | 500 | 73 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **Elk** | 600/55-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 500 | 73 | 550 | 80 |
| | 710/45-26.5/24 | Rear | Rear | | | | | | | | 500 | 73 | 600 | 87 |
| | 710/45R26.5 | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | Rear | | | | | | 500 | 73 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/55R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| **Buffalo / Dual** | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/24 | Front, Rear | Front, Rear | | | | | | 400 | 58 | 550 | 80 | 600 | 87 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |

Maximum inflation pressure
in bead seating 250 kPa / 36 psi

PONSSE

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **Buffalo / Dual / ADS** | 710/45-26.5/20 | Rear | Rear | Rear | Rear | | | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 710/45-26.5/24 | Rear | Rear | | | | | | | | 550 | 80 | 600 | 87 |
| | 710/45R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Rear | Rear | | Rear | | | | | | 550 | 80 | 550 | 80 |
| | 600/65-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 600/65R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| | 700/55-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/55R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| **Buffalo King** | 600/55-26.5/20 | Front | Front | Front | Front | | | Front | 400 | 58 | | | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front | | | 400 | 58 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | Front | Front | | | Front | 400 | 58 | | | 550 | 80 |
| | 710/45-26.5/24 | Front | Front | | | | | | 400 | 58 | | | 600 | 87 |
| | 710/45R26.5 | | | | | Front | | | 400 | 58 | | | 550 | 80 |
| | 800/40-26.5/20 | Front | Front | | Front | | | | 400 | 58 | | | 550 | 80 |
| | 750/55-26.5/20 | | Rear | Rear | | | Rear | Rear | | | 550 | 80 | 550 | 80 |
| | 750/55-26.5/24 | Rear | | | Rear | | | | | | 550 | 80 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| **Buffalo King** | 750/55-26.5/20 | | Rear | Rear | | | Rear | Rear | | | 500 | 73 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Rear | | | Rear | | | | | | 500 | 73 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | 500 | 73 | 550 | 80 |
| | 800/50R26.5 | | | | | Rear | | | | | 500 | 73 | 550 | 80 |
| | 700/70-34/16 | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 700/70-34/20 | | | | | | | Front | 300 | 44 | | | 360 | 52 |
| | 710/70R34 | | | | | Front | | | 300 | 44 | | | 400 | 58 |
| **Elephant** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | 450 | 65 | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 450 | 65 | 550 | 80 | 550 | 80 |
| | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 800/50R26.5 | | | | | Front, Rear | | | 450 | 65 | 550 | 80 | 550 | 80 |
| **Elephant** | 750/55-26.5/20 | | Rear | Rear | | | Rear | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | 550 | 80 | 550 | 80 |
| | 800/50R26.5 | | | | | Rear | | | | | 550 | 80 | 550 | 80 |
| | 780/50-28.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 700/70-34/16 | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 700/70-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/70R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| **Elephant King** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | 450 | 65 | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 450 | 65 | 550 | 80 | 550 | 80 |
| | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 800/50R26.5 | | | | | Front, Rear | | | 450 | 65 | 550 | 80 | 550 | 80 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

ROTTNE

# Harvesters

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **H8** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 450 | 65 | 450 | 65 | 550 | 80 |
| **4 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 450 | 65 | 450 | 65 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 450 | 65 | 450 | 65 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 450 | 65 | 450 | 65 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 450 | 65 | 450 | 65 | 550 | 80 |
| **H11** | 600/50R24.5 | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 650/45R24.5 | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 710/40-24.5 | Front | Front | Front | Front | | | | 500 | 73 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **H11c** | 600/50R24.5 | | | | | Front, Rear | | | 500 | 73 | 450 | 65 | 550 | 80 |
| **8 wheels** | 650/45R24.5 | | | | | Front, Rear | | | 500 | 73 | 450 | 65 | 550 | 80 |
| | 710/40-24.5 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | | 500 | 73 | 450 | 65 | 550 | 80 |
| **H14c** | 600/55-26.5/20 | Front | Front | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 600/55R26.5 | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 710/45-26.5/20 | Front | Front | Front | Front | | | Front | 500 | 73 | | | 550 | 80 |
| | 710/45R26.5 | | | | | Front | | | 500 | 73 | | | 550 | 80 |
| | 800/40-26.5/20 | Front | Front | | Front | | | | 500 | 73 | | | 550 | 80 |
| | 600/65-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 600/65R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| | 700/55-34/20 | | | | | | | Rear | | | 280 | 41 | 360 | 52 |
| | 710/55R34 | | | | | Rear | | | | | 280 | 41 | 400 | 58 |
| **H20b** | 750/55-26.5/20 | | Front | Front | | | | Front | 500 | 73 | | | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Front | | | Front | | | | 500 | 73 | | | 550 | 80 |
| | 780/55-26.5/20 | | Front | | | | | | 500 | 73 | | | 550 | 80 |
| | 700/70-34/16 | | | | | | Rear | | | | 260 | 38 | 260 | 38 |
| | 700/70-34/20 | | | | | | Rear | | | | 300 | 44 | 360 | 52 |
| | 710/70R34 | | | | | Rear | | | | | 300 | 44 | 400 | 58 |
| **H21d** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | | Front, Rear | 500 | 73 | 450 | 65 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 500 | 73 | 450 | 65 | 600 | 87 |
| | 780/55-26.5/20 | | Front | | | | | | 500 | 73 | 450 | 65 | 550 | 80 |
| **H21d** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | | Front, Rear | 500 | 73 | 450 | 65 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 500 | 73 | 450 | 65 | 600 | 87 |
| | 780/55-26.5/20 | | Front | | | | | | 500 | 73 | 450 | 65 | 550 | 80 |
| | 700/70-34/16 | | | | | | Rear | | | | 260 | 38 | 260 | 38 |
| | 700/70-34/20 | | | | | | Rear | | | | 300 | 44 | 360 | 52 |
| | 710/70R34 | | | | | Rear | | | | | 300 | 44 | 400 | 58 |

Maximum inflation pressure
in bead seating 250 kPa / 36 psi

ROTTNE

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | Rider | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **F10b** | 600/50-22.5/20 | | | | | | Front, Rear | | 350 | 51 | 500 | 73 | 550 | 80 |
| **8 wheels** | 710/40-22.5/16 | | Front, Rear | | | | Front, Rear | | 350 | 51 | 400 | 58 | 430 | 62 |
| | 710/40-22.5/20 | Front, Rear | | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **F10d** | 600/50-22.5/20 | Front, Rear | | | Front, Rear | | Front, Rear | | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/40-22.5/20 | Front, Rear | | | Front, Rear | | | | 350 | 51 | 550 | 80 | 550 | 80 |
| **F11d** | 600/50-24.5/20 | | | | Front, Rear | | | | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/40-24.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | | 350 | 51 | 550 | 80 | 550 | 80 |
| **F13c** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 350 | 51 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 350 | 51 | 500 | 73 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 350 | 51 | 500 | 73 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 350 | 51 | 500 | 73 | 550 | 80 |
| **F15c** | 600/55-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 450 | 65 | 550 | 80 | 550 | 80 |
| **8 wheels** | 600/55R26.5 | | | | | Front, Rear | | | 450 | 65 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | Front, Rear | 400 | 58 | 550 | 80 | 550 | 80 |
| | 710/45R26.5 | | | | | Front, Rear | | | 400 | 58 | 550 | 80 | 550 | 80 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | | Front, Rear | | | | 400 | 58 | 550 | 80 | 550 | 80 |
| **F18** | 750/55-26.5/20 | | Rear | Rear | | | Rear | Rear | | | 550 | 80 | 550 | 80 |
| **6 wheels** | 750/55-26.5/24 | Rear | | | Rear | | | | | | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Rear | | | | | | | | 550 | 80 | 550 | 80 |
| | 710/70-34/16 | | | | | | Front | | 260 | 38 | | | 260 | 38 |
| | 710/70-34/20 | | | | | | | Front | 320 | 46 | | | 360 | 52 |
| | 710/70R34 | | | | | Front | | | 320 | 46 | | | 400 | 58 |
| **F18** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | | Front, Rear | Front, Rear | 450 | 65 | 550 | 80 | 550 | 80 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | | 450 | 65 | 600 | 87 | 600 | 87 |
| | 780/55-26.5/20 | | Front, Rear | | | | | | 450 | 65 | 550 | 80 | 550 | 80 |

For safety reasons, the original equipment (oe) delivery inflation pressures are lower than the application recommendations.

Maximum inflation pressure in bead seating 250 kPa / 36 psi

Tigercat
Tough • Reliable • Productive

# Forwarders

| Machine | Tire size / PR | Tread pattern | | | | | | Inflation pressure | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Front | | Rear | | Max inflation and track pressure | |
| | | F2 | F | Nordman F | TRS 2 | TRS | Nordman TRS | kPa | psi | kPa | psi | kPa | psi |
| **1055C** | 600/50-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | 550 | 80 | 550 | 80 | 550 | 80 |
| **8 wheels** | 710/45-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | 550 | 80 | 550 | 80 | 550 | 80 |
| | 710/45-26.5/24 | Front, Rear | | | | | | 600 | 87 | 600 | 87 | 600 | 87 |
| | 800/40-26.5/20 | Front, Rear | Front, Rear | Front, Rear | Front, Rear | | | 550 | 80 | 550 | 80 | 550 | 80 |
| **1075C** | 750/55-26.5/20 | | Front, Rear | Front, Rear | | Front, Rear | | 600 | 87 | 600 | 87 | 600 | 87 |
| **8 wheels** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | 600 | 87 | 600 | 87 | 600 | 87 |
| | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | 600 | 87 | 600 | 87 | 600 | 87 |
| **1085C** | 750/55-26.5/24 | Front, Rear | | | Front, Rear | | | 600 | 87 | 600 | 87 | 600 | 87 |
| **8 wheels** | 780/50-28.5/24 | Front, Rear | | | Front, Rear | | | 600 | 87 | 600 | 87 | 600 | 87 |

Maximum inflation pressure in bead seating 250 kPa / 36 psi

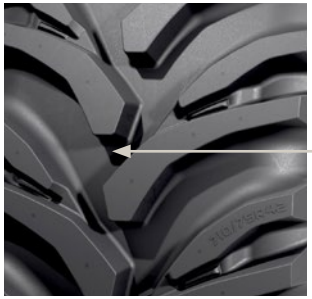
# NOKIAN TRACTOR KING



TUBELESS

## No-compromise tractor tyre for the heaviest of machinery and the most difficult terrain in forestry, earthmoving and road construction

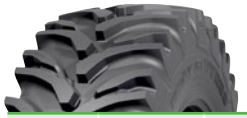
- Wide tread and radically increased amount of tractive edges for grip on all terrains.
- Innovatively wear resistant tread design for comfortable, economical kilometres.
- Tough carcass, steel belts and sidewalls with Aramid fortification for top-class puncture-resistance in toughest conditions.
- Great stability
- Speed category D (65km/h)
- Comfortable road drive
- High load capacity (320 kPa)



Nokian Tractor King tread depth measuring point

## Sizes

- Nokian Tractor King 500/65R28 – T445673
- Nokian Tractor King 540/65R28 – T445674
- Nokian Tractor King 600/60R28 – T445675
- Nokian Tractor King 540/65R30 – T445676
- Nokian Tractor King 540/70R30 – T445677
- Nokian Tractor King 600/70R30 – T445678
- Nokian Tractor King 620/75R30 – T445679
- Nokian Tractor King 600/65R34 – T445680
- Nokian Tractor King 600/70R34 – T445681
- Nokian Tractor King 600/65R38 – T445682
- Nokian Tractor King 650/65R38 – T445683
- Nokian Tractor King 650/75R38 – T445684
- Nokian Tractor King 650/85R38 – T445685
- Nokian Tractor King 710/70R42 – T445686
- Nokian Tractor King 710/75R42 – T445687



# Nokian Tractor King 500/65R28 – T445673

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445673 | 500/65R28 | 150 D | SB | TL | DW16L | DW15L, TW15L, TW16L, DW18L, TW18L | 503 | 19.8 | 1 361 | 53.6 | - | - | - | - | 650 | 320 | 46 | 3 350 | 7 385 | 3 520 | 7 760 | 3 670 | 8 090 | 3 850 | 8 490 | 4 120 | 9 085 | 5 030 | 11 090 | 400 | 58 | 48 | 61 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 1 550 | 3 415 | 1 630 | 3 595 | 1 700 | 3 750 | 1 780 | 3 925 | 1 910 | 4 210 | 2 330 | 5 135 |
| 120 | 17 | 2 000 | 4 410 | 2 100 | 4 630 | 2 190 | 4 830 | 2 300 | 5 070 | 2 460 | 5 425 | 3 000 | 6 615 |
| 160 | 23 | 2 360 | 5 205 | 2 480 | 5 465 | 2 580 | 5 690 | 2 710 | 5 975 | 2 900 | 6 395 | 3 540 | 7 805 |
| 200 | 29 | 2 650 | 5 840 | 2 780 | 6 130 | 2 900 | 6 395 | 3 050 | 6 725 | 3 260 | 7 185 | 3 980 | 8 775 |
| 240 | 35 | 2 800 | 6 175 | 2 940 | 6 480 | 3 070 | 6 770 | 3 220 | 7 100 | 3 440 | 7 585 | 4 200 | 9 260 |
| 280 | 41 | 3 150 | 6 945 | 3 310 | 7 295 | 3 450 | 7 605 | 3 620 | 7 980 | 3 870 | 8 530 | 4 730 | 10 430 |
| 320 | 46 | 3 350 | 7 385 | 3 520 | 7 760 | 3 670 | 8 090 | 3 850 | 8 490 | 4 120 | 9 085 | 5 030 | 11 090 |

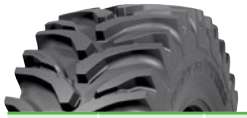
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 334 | 90 | 250 | 65 | 206 | 54 | 105 | 230 | 310 | 685 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 540/65R28 – T445674

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445674 | 540/65R28 | 154 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 550 | 21.7 | 1 413 | 55.6 | 650 | 25.6 | 4 248 | 167.2 | 675 | 320 | 46 | 3 750 | 8 265 | 3 940 | 8 685 | 4 110 | 9 060 | 4 310 | 9 500 | 4 610 | 10 165 | 5 630 | 12 410 | 400 | 58 | 48 | 61 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 1 750 | 3 860 | 1 840 | 4 055 | 1 920 | 4 235 | 2 010 | 4 430 | 2 150 | 4 740 | 2 630 | 5 800 |
| 120 | 17 | 2 240 | 4 940 | 2 350 | 5 180 | 2 450 | 5 400 | 2 580 | 5 690 | 2 760 | 6 085 | 3 360 | 7 405 |
| 160 | 23 | 2 650 | 5 840 | 2 780 | 6 130 | 2 900 | 6 395 | 3 050 | 6 725 | 3 260 | 7 185 | 3 980 | 8 775 |
| 200 | 29 | 3 000 | 6 615 | 3 150 | 6 945 | 3 290 | 7 255 | 3 450 | 7 605 | 3 690 | 8 135 | 4 500 | 9 920 |
| 240 | 35 | 3 250 | 7 165 | 3 410 | 7 520 | 3 560 | 7 850 | 3 740 | 8 245 | 4 000 | 8 820 | 4 880 | 10 760 |
| 280 | 41 | 3 550 | 7 825 | 3 730 | 8 225 | 3 890 | 8 575 | 4 080 | 8 995 | 4 370 | 9 635 | 5 330 | 11 750 |
| 320 | 46 | 3 750 | 8 265 | 3 940 | 8 685 | 4 110 | 9 060 | 4 310 | 9 500 | 4 610 | 10 165 | 5 630 | 12 410 |

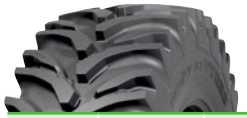
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 417 | 110 | 315 | 85 | 257 | 68 | 131 | 290 | 387 | 855 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 600/60R28 – T445675

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445675 | 600/60R28 | 157 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 601 | 23.7 | 1 431 | 56.3 | - | - | - | - | 675 | 320 | 46 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 | 400 | 58 | 49 | 62 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 1 850 | 4 080 | 1 940 | 4 275 | 2 030 | 4 475 | 2 130 | 4 695 | 2 280 | 5 025 | 2 780 | 6 130 |
| 120 | 17 | 2 430 | 5 355 | 2 550 | 5 620 | 2 660 | 5 865 | 2 790 | 6 150 | 2 990 | 6 590 | 3 650 | 8 045 |
| 160 | 23 | 2 900 | 6 395 | 3 050 | 6 725 | 3 180 | 7 010 | 3 340 | 7 365 | 3 570 | 7 870 | 4 350 | 9 590 |
| 200 | 29 | 3 250 | 7 165 | 3 410 | 7 520 | 3 560 | 7 850 | 3 740 | 8 245 | 4 000 | 8 820 | 4 880 | 10 760 |
| 240 | 35 | 3 550 | 7 825 | 3 730 | 8 225 | 3 890 | 8 575 | 4 080 | 8 995 | 4 370 | 9 635 | 5 330 | 11 750 |
| 280 | 41 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 |
| 320 | 46 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 |

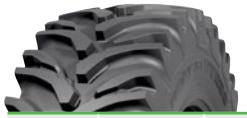
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 450 | 120 | 340 | 90 | 277 | 73 | 141 | 310 | 418 | 920 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 540/65R30 – T445676

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445676 | 540/65R30 | 155 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 550 | 21.7 | 1 464 | 57.6 | - | - | - | - | 700 | 320 | 46 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 | 400 | 58 | 49 | 62 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 1 800 | 3 970 | 1 890 | 4 165 | 1 970 | 4 345 | 2 070 | 4 565 | 2 210 | 4 870 | 2 700 | 5 950 |
| 120 | 17 | 2 300 | 5 070 | 2 420 | 5 335 | 2 520 | 5 555 | 2 650 | 5 840 | 2 830 | 6 240 | 3 450 | 7 605 |
| 160 | 23 | 2 725 | 6 010 | 2 860 | 6 305 | 2 980 | 6 570 | 3 130 | 6 900 | 3 350 | 7 385 | 4 090 | 9 015 |
| 200 | 29 | 3 075 | 6 780 | 3 230 | 7 120 | 3 370 | 7 430 | 3 540 | 7 805 | 3 780 | 8 335 | 4 610 | 10 165 |
| 240 | 35 | 3 350 | 7 385 | 3 520 | 7 760 | 3 670 | 8 090 | 3 850 | 8 490 | 4 120 | 9 085 | 5 030 | 11 090 |
| 280 | 41 | 3 650 | 8 045 | 3 830 | 8 445 | 4 000 | 8 820 | 4 200 | 9 260 | 4 490 | 9 900 | 5 480 | 12 080 |
| 320 | 46 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 |

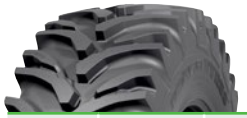
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 437 | 115 | 330 | 85 | 269 | 71 | 137 | 300 | 406 | 895 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 540/70R30 – T445677

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445677 | 540/70R30 | 159 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 540 | 21.3 | 1 518 | 59.8 | 693 | 27.3 | 4 539 | 178.7 | 725 | 320 | 46 | 4 375 | 9 645 | 4 590 | 10 120 | 4 790 | 10 560 | 5 030 | 11 090 | 5 380 | 11 860 | 6 560 | 14 460 | 400 | 58 | 50 | 63 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 000 | 4 410 | 2 100 | 4 630 | 2 190 | 4 830 | 2 300 | 5 070 | 2 460 | 5 425 | 3 000 | 6 615 |
| 120 | 17 | 2 575 | 5 675 | 2 700 | 5 950 | 2 820 | 6 215 | 2 960 | 6 525 | 3 170 | 6 990 | 3 860 | 8 510 |
| 160 | 23 | 3 150 | 6 945 | 3 310 | 7 295 | 3 450 | 7 605 | 3 620 | 7 980 | 3 870 | 8 530 | 4 730 | 10 430 |
| 200 | 29 | 3 450 | 7 605 | 3 620 | 7 980 | 3 780 | 8 335 | 3 970 | 8 750 | 4 240 | 9 350 | 5 180 | 11 420 |
| 240 | 35 | 3 650 | 8 045 | 3 830 | 8 445 | 4 000 | 8 820 | 4 200 | 9 260 | 4 490 | 9 900 | 5 480 | 12 080 |
| 280 | 41 | 4 000 | 8 820 | 4 200 | 9 260 | 4 380 | 9 655 | 4 600 | 10 140 | 4 920 | 10 845 | 6 000 | 13 230 |
| 320 | 46 | 4 375 | 9 645 | 4 590 | 10 120 | 4 790 | 10 560 | 5 030 | 11 090 | 5 380 | 11 860 | 6 560 | 14 460 |

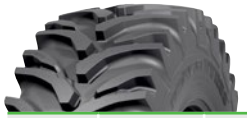
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 482 | 125 | 360 | 95 | 297 | 78 | 151 | 335 | 448 | 985 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 600/70R30 – T445678

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445678 | 600/70R30 | 165 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 602 | 63.1 | - | - | - | - | 750 | 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 | 400 | 58 | 51 | 64 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 360 | 5 205 | 2 480 | 5 465 | 2 580 | 5 690 | 2 710 | 5 975 | 2 900 | 6 395 | 3 540 | 7 805 |
| 120 | 17 | 3 000 | 6 615 | 3 150 | 6 945 | 3 290 | 7 255 | 3 450 | 7 605 | 3 690 | 8 135 | 4 500 | 9 920 |
| 160 | 23 | 3 650 | 8 045 | 3 830 | 8 445 | 4 000 | 8 820 | 4 200 | 9 260 | 4 490 | 9 900 | 5 480 | 12 080 |
| 200 | 29 | 4 000 | 8 820 | 4 200 | 9 260 | 4 380 | 9 655 | 4 600 | 10 140 | 4 920 | 10 845 | 6 000 | 13 230 |
| 240 | 35 | 4 250 | 9 370 | 4 460 | 9 835 | 4 650 | 10 250 | 4 890 | 10 780 | 5 230 | 11 530 | 6 380 | 14 065 |
| 280 | 41 | 4 750 | 10 470 | 4 990 | 11 000 | 5 200 | 11 465 | 5 460 | 12 035 | 5 840 | 12 875 | 7 130 | 15 720 |
| 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 |

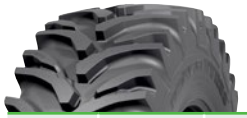
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 600 | 160 | 450 | 120 | 369 | 98 | 188 | 415 | 557 | 1 230 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 620/75R30 – T445679

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445679 | 620/75R30 | 169 D | SB | TL | DW20B | TW20B | 625 | 24.6 | 1 692 | 66.6 | - | - | - | - | 800 | 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 | 400 | 58 | 52 | 66 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 650 | 5 840 | 2 780 | 6 130 | 2 900 | 6 395 | 3 050 | 6 725 | 3 260 | 7 185 | 3 980 | 8 775 |
| 120 | 17 | 3 350 | 7 385 | 3 520 | 7 760 | 3 670 | 8 090 | 3 850 | 8 490 | 4 120 | 9 085 | 5 030 | 11 090 |
| 160 | 23 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 |
| 200 | 29 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 240 | 35 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 |
| 280 | 41 | 5 300 | 11 685 | 5 570 | 12 280 | 5 800 | 12 785 | 6 100 | 13 450 | 6 520 | 14 375 | 7 950 | 17 525 |
| 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 |

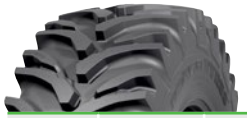
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 751 | 200 | 565 | 150 | 462 | 122 | 236 | 520 | 698 | 1 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 600/65R34 – T445680

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445680 | 600/65R34 | 163 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 644 | 64.7 | 754 | 29.7 | 4 960 | 195.3 | 775 | 320 | 46 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 | 400 | 58 | 52 | 66 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 240 | 4 940 | 2 350 | 5 180 | 2 450 | 5 400 | 2 580 | 5 690 | 2 760 | 6 085 | 3 360 | 7 405 |
| 120 | 17 | 2 900 | 6 395 | 3 050 | 6 725 | 3 180 | 7 010 | 3 340 | 7 365 | 3 570 | 7 870 | 4 350 | 9 590 |
| 160 | 23 | 3 450 | 7 605 | 3 620 | 7 980 | 3 780 | 8 335 | 3 970 | 8 750 | 4 240 | 9 350 | 5 180 | 11 420 |
| 200 | 29 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 |
| 240 | 35 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 |
| 280 | 41 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 320 | 46 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 |

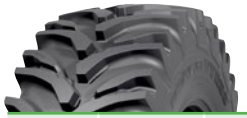
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 592 | 155 | 445 | 120 | 364 | 96 | 186 | 410 | 550 | 1 215 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 600/70R34 – T445681

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445681 | 600/70R34 | 167 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 704 | 67.1 | 775 | 30.5 | 5 138 | 202.3 | 800 | 320 | 46 | 5 450 | 12 015 | 5 720 | 12 610 | 5 970 | 13 160 | 6 270 | 13 825 | 6 700 | 14 770 | 8 180 | 18 035 | 400 | 58 | 52 | 66 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 500 | 5 510 | 2 630 | 5 800 | 2 740 | 6 040 | 2 880 | 6 350 | 3 080 | 6 790 | 3 750 | 8 265 |
| 120 | 17 | 3 150 | 6 945 | 3 310 | 7 295 | 3 450 | 7 605 | 3 620 | 7 980 | 3 870 | 8 530 | 4 730 | 10 430 |
| 160 | 23 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 |
| 200 | 29 | 4 250 | 9 370 | 4 460 | 9 835 | 4 650 | 10 250 | 4 890 | 10 780 | 5 230 | 11 530 | 6 380 | 14 065 |
| 240 | 35 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 280 | 41 | 5 000 | 11 025 | 5 250 | 11 575 | 5 480 | 12 080 | 5 750 | 12 675 | 6 150 | 13 560 | 7 500 | 16 535 |
| 320 | 46 | 5 450 | 12 015 | 5 720 | 12 610 | 5 970 | 13 160 | 6 270 | 13 825 | 6 700 | 14 770 | 8 180 | 18 035 |

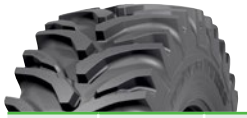
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 667 | 175 | 500 | 130 | 410 | 108 | 209 | 460 | 620 | 1 365 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 600/65R38 – T445682

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445682 | 600/65R38 | 165 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 745 | 68.7 | - | - | - | - | 825 | 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 | 400 | 58 | 53 | 67 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 360 | 5 205 | 2 480 | 5 465 | 2 580 | 5 690 | 2 710 | 5 975 | 2 900 | 6 395 | 3 540 | 7 805 |
| 120 | 17 | 3 075 | 6 780 | 3 230 | 7 120 | 3 370 | 7 430 | 3 540 | 7 805 | 3 780 | 8 335 | 4 610 | 10 165 |
| 160 | 23 | 3 650 | 8 045 | 3 830 | 8 445 | 4 000 | 8 820 | 4 200 | 9 260 | 4 490 | 9 900 | 5 480 | 12 080 |
| 200 | 29 | 4 000 | 8 820 | 4 200 | 9 260 | 4 380 | 9 655 | 4 600 | 10 140 | 4 920 | 10 845 | 6 000 | 13 230 |
| 240 | 35 | 4 375 | 9 645 | 4 590 | 10 120 | 4 790 | 10 560 | 5 030 | 11 090 | 5 380 | 11 860 | 6 560 | 14 460 |
| 280 | 41 | 4 750 | 10 470 | 4 990 | 11 000 | 5 200 | 11 465 | 5 460 | 12 035 | 5 840 | 12 875 | 7 130 | 15 720 |
| 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 |

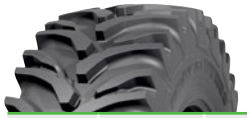
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 632 | 165 | 475 | 125 | 389 | 103 | 198 | 435 | 587 | 1 295 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 650/65R38 – T445683

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445683 | 650/65R38 | 169 D | SB | TL | DW20B | TW20B | 645 | 25.4 | 1 811 | 71.3 | 830 | 32.7 | 5 479 | 215.7 | 875 | 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 | 400 | 58 | 53 | 67 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 2 650 | 5 840 | 2 780 | 6 130 | 2 900 | 6 395 | 3 050 | 6 725 | 3 260 | 7 185 | 3 980 | 8 775 |
| 120 | 17 | 3 450 | 7 605 | 3 620 | 7 980 | 3 780 | 8 335 | 3 970 | 8 750 | 4 240 | 9 350 | 5 180 | 11 420 |
| 160 | 23 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 |
| 200 | 29 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 240 | 35 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 |
| 280 | 41 | 5 300 | 11 685 | 5 570 | 12 280 | 5 800 | 12 785 | 6 100 | 13 450 | 6 520 | 14 375 | 7 950 | 17 525 |
| 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 |

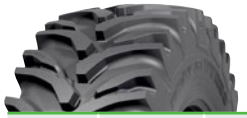
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 801 | 210 | 600 | 160 | 493 | 130 | 251 | 555 | 744 | 1 640 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 650/75R38 – T445684

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32nds in |
| T445684 | 650/75R38 | 175 D | SB | TL | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 645 | 25.4 | 1 941 | 76.4 | 885 | 34.8 | 5 889 | 231.9 | 925 | 320 | 46 | 6 900 | 15 210 | 7 250 | 15 985 | 7 560 | 16 665 | 7 940 | 17 505 | 8 490 | 18 715 | 10 350 | 22 820 | 400 | 58 | 55 | 69 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 3 150 | 6 945 | 3 310 | 7 295 | 3 450 | 7 605 | 3 620 | 7 980 | 3 870 | 8 530 | 4 730 | 10 430 |
| 120 | 17 | 4 000 | 8 820 | 4 200 | 9 260 | 4 380 | 9 655 | 4 600 | 10 140 | 4 920 | 10 845 | 6 000 | 13 230 |
| 160 | 23 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 |
| 200 | 29 | 5 450 | 12 015 | 5 720 | 12 610 | 5 970 | 13 160 | 6 270 | 13 825 | 6 700 | 14 770 | 8 180 | 18 035 |
| 240 | 35 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 |
| 280 | 41 | 6 300 | 13 890 | 6 620 | 14 595 | 6 900 | 15 210 | 7 250 | 15 985 | 7 750 | 17 085 | 9 450 | 20 835 |
| 320 | 46 | 6 900 | 15 210 | 7 250 | 15 985 | 7 560 | 16 665 | 7 940 | 17 505 | 8 490 | 18 715 | 10 350 | 22 820 |

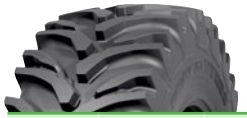
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 987 | 260 | 740 | 195 | 607 | 160 | 310 | 685 | 917 | 2 020 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 650/85R38 – T445685

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445685 | 650/85R38 | 178 D | SB | TL | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 645 | 25.4 | 2 071 | 81.5 | - | - | - | - | 975 | 320 | 46 | 7 500 | 16 535 | 7 880 | 17 370 | 8 210 | 18 100 | 8 630 | 19 025 | 9 230 | 20 350 | 11 250 | 24 800 | 400 | 58 | 56 | 71 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 3 550 | 7 825 | 3 730 | 8 225 | 3 890 | 8 575 | 4 080 | 8 995 | 4 370 | 9 635 | 5 330 | 11 750 |
| 120 | 17 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 160 | 23 | 5 450 | 12 015 | 5 720 | 12 610 | 5 970 | 13 160 | 6 270 | 13 825 | 6 700 | 14 770 | 8 180 | 18 035 |
| 200 | 29 | 6 000 | 13 230 | 6 300 | 13 890 | 6 570 | 14 485 | 6 900 | 15 210 | 7 380 | 16 270 | 9 000 | 19 840 |
| 240 | 35 | 6 500 | 14 330 | 6 830 | 15 055 | 7 120 | 15 695 | 7 480 | 16 490 | 8 000 | 17 635 | 9 750 | 21 495 |
| 280 | 41 | 7 100 | 15 655 | 7 460 | 16 445 | 7 770 | 17 130 | 8 170 | 18 010 | 8 730 | 19 245 | 10 650 | 23 480 |
| 320 | 46 | 7 500 | 16 535 | 7 880 | 17 370 | 8 210 | 18 100 | 8 630 | 19 025 | 9 230 | 20 350 | 11 250 | 24 800 |

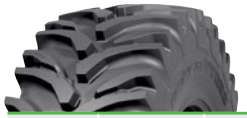
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 176 | 310 | 880 | 230 | 724 | 191 | 369 | 815 | 1 093 | 2 410 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 710/70R42 – T445686

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445686 | 710/70R42 | 179 D | SB | TL | DW23B | TW23B, DW25B, TW25B | 716 | 28.2 | 2 061 | 81.1 | - | - | - | - | 975 | 320 | 46 | 7 750 | 17 085 | 8 140 | 17 945 | 8 490 | 18 715 | 8 910 | 19 645 | 9 530 | 21 010 | 11 630 | 25 640 | 400 | 58 | 56 | 71 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 3 550 | 7 825 | 3 730 | 8 225 | 3 890 | 8 575 | 4 080 | 8 995 | 4 370 | 9 635 | 5 330 | 11 750 |
| 120 | 17 | 4 500 | 9 920 | 4 730 | 10 430 | 4 930 | 10 870 | 5 180 | 11 420 | 5 540 | 12 215 | 6 750 | 14 880 |
| 160 | 23 | 5 600 | 12 345 | 5 880 | 12 965 | 6 130 | 13 515 | 6 440 | 14 200 | 6 890 | 15 190 | 8 400 | 18 520 |
| 200 | 29 | 6 150 | 13 560 | 6 460 | 14 240 | 6 730 | 14 835 | 7 070 | 15 585 | 7 560 | 16 665 | 9 230 | 20 350 |
| 240 | 35 | 6 500 | 14 330 | 6 830 | 15 055 | 7 120 | 15 695 | 7 480 | 16 490 | 8 000 | 17 635 | 9 750 | 21 495 |
| 280 | 41 | 7 100 | 15 655 | 7 460 | 16 445 | 7 770 | 17 130 | 8 170 | 18 010 | 8 730 | 19 245 | 10 650 | 23 480 |
| 320 | 46 | 7 750 | 17 085 | 8 140 | 17 945 | 8 490 | 18 715 | 8 910 | 19 645 | 9 530 | 21 010 | 11 630 | 25 640 |

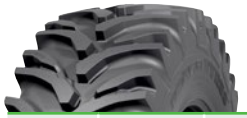
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 199 | 315 | 900 | 240 | 738 | 195 | 376 | 830 | 1 114 | 2 455 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King 710/75R42 – T445687

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in |
| T445687 | 710/75R42 | 181 D | SB | TL | DW23B | TW23B, DW25B, TW25B | 716 | 28.2 | 2 133 | 84.0 | 972 | 38.3 | 6 458 | 254.3 | 1 025 | 320 | 46 | 8 250 | 18 190 | 8 660 | 19 090 | 9 030 | 19 910 | 9 490 | 20 920 | 10 150 | 22 375 | 12 380 | 27 295 | 400 | 58 | 57 | 72 |

In forestry or heavy road use add 40 kPa / 6 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Load capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 km/h / 40 mph | | 50 km/h / 30 mph | | 40 km/h / 25 mph | | 30 km/h / 20 mph | | 20 km/h / 10 mph | | 10 km/h / 5 mph | |
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 80 | 12 | 3 750 | 8 265 | 3 940 | 8 685 | 4 110 | 9 060 | 4 310 | 9 500 | 4 610 | 10 165 | 5 630 | 12 410 |
| 120 | 17 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 |
| 160 | 23 | 6 000 | 13 230 | 6 300 | 13 890 | 6 570 | 14 485 | 6 900 | 15 210 | 7 380 | 16 270 | 9 000 | 19 840 |
| 200 | 29 | 6 500 | 14 330 | 6 830 | 15 055 | 7 120 | 15 695 | 7 480 | 16 490 | 8 000 | 17 635 | 9 750 | 21 495 |
| 240 | 35 | 6 900 | 15 210 | 7 250 | 15 985 | 7 560 | 16 665 | 7 940 | 17 505 | 8 490 | 18 715 | 10 350 | 22 820 |
| 280 | 41 | 7 500 | 16 535 | 7 880 | 17 370 | 8 210 | 18 100 | 8 630 | 19 025 | 9 230 | 20 350 | 11 250 | 24 800 |
| 320 | 46 | 8 250 | 18 190 | 8 660 | 19 090 | 9 030 | 19 910 | 9 490 | 20 920 | 10 150 | 22 375 | 12 380 | 27 295 |

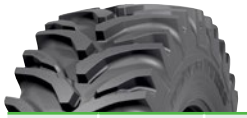
Minimum inflation pressure 80 kPa
in respect of tire load capacity.
Maximum inflation pressure 400 kPa without
increase to the above load capacity values.
In forestry or heavy road use add 40 kPa / 6 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 329 | 350 | 995 | 265 | 818 | 216 | 417 | 920 | 1 235 | 2 720 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Tractor King – all sizes

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Steel belted | TT/ TL | Recom-mended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circum-ference | | SRI | Inflation pressure for load capacity calculation | | Load capacity kg/lbs | | | | | | | | | | | Max. Inflation pressure | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 65 km/h | 40 mph | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 20 km/h | 10 mph | 10 km/h | 5 mph | kPa | psi | 32nds in |
| T445673 | 500/65R28 | 150 D | SB | TL | DW16L | DW15L, TW15L, TW16L, DW18L, TW18L | 503 | 19.8 | 1 361 | 53.6 | - | - | - | - | 650 | 320 | 46 | 3 350 | 7 385 | 3 520 | 7 760 | 3 670 | 8 090 | 3 850 | 8 490 | 4 120 | 9 085 | 5 030 | 11 090 | 400 | 58 | 48 | 61 |
| T445674 | 540/65R28 | 154 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 550 | 21.7 | 1 413 | 55.6 | 650 | 25.6 | 4 248 | 167.2 | 675 | 320 | 46 | 3 750 | 8 265 | 3 940 | 8 685 | 4 110 | 9 060 | 4 310 | 9 500 | 4 610 | 10 165 | 5 630 | 12 410 | 400 | 58 | 48 | 61 |
| T445675 | 600/60R28 | 157 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 601 | 23.7 | 1 431 | 56.3 | - | - | - | - | 675 | 320 | 46 | 4 125 | 9 095 | 4 330 | 9 545 | 4 520 | 9 965 | 4 740 | 10 450 | 5 070 | 11 175 | 6 190 | 13 645 | 400 | 58 | 49 | 62 |
| T445676 | 540/65R30 | 155 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 550 | 21.7 | 1 464 | 57.6 | - | - | - | - | 700 | 320 | 46 | 3 875 | 8 545 | 4 070 | 8 975 | 4 240 | 9 350 | 4 460 | 9 835 | 4 770 | 10 515 | 5 810 | 12 810 | 400 | 58 | 49 | 62 |
| T445677 | 540/70R30 | 159 D | SB | TL | DW18L | DW16L, TW16L, TW18L | 540 | 21.3 | 1 518 | 59.8 | 693 | 27.3 | 4 539 | 178.7 | 725 | 320 | 46 | 4 375 | 9 645 | 4 590 | 10 120 | 4 790 | 10 560 | 5 030 | 11 090 | 5 380 | 11 860 | 6 560 | 14 460 | 400 | 58 | 50 | 63 |
| T445678 | 600/70R30 | 165 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 602 | 63.1 | - | - | - | - | 750 | 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 | 400 | 58 | 51 | 64 |
| T445679 | 620/75R30 | 169 D | SB | TL | DW20B | TW20B | 625 | 24.6 | 1 692 | 66.6 | - | - | - | - | 800 | 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 | 400 | 58 | 52 | 66 |
| T445680 | 600/65R34 | 163 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 644 | 64.7 | 754 | 29.7 | 4 960 | 195.3 | 775 | 320 | 46 | 4 875 | 10 745 | 5 120 | 11 290 | 5 340 | 11 775 | 5 610 | 12 370 | 6 000 | 13 230 | 7 310 | 16 115 | 400 | 58 | 52 | 66 |
| T445681 | 600/70R34 | 167 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 704 | 67.1 | 775 | 30.5 | 5 138 | 202.3 | 800 | 320 | 46 | 5 450 | 12 015 | 5 720 | 12 610 | 5 970 | 13 160 | 6 270 | 13 825 | 6 700 | 14 770 | 8 180 | 18 035 | 400 | 58 | 52 | 66 |
| T445682 | 600/65R38 | 165 D | SB | TL | DW18L | TW18L, DW20B, TW20B | 591 | 23.3 | 1 745 | 68.7 | - | - | - | - | 825 | 320 | 46 | 5 150 | 11 355 | 5 410 | 11 925 | 5 640 | 12 435 | 5 920 | 13 050 | 6 330 | 13 955 | 7 730 | 17 040 | 400 | 58 | 53 | 67 |
| T445683 | 650/65R38 | 169 D | SB | TL | DW20B | TW20B | 645 | 25.4 | 1 811 | 71.3 | 830 | 32.7 | 5 479 | 215.7 | 875 | 320 | 46 | 5 800 | 12 785 | 6 090 | 13 425 | 6 350 | 14 000 | 6 670 | 14 705 | 7 130 | 15 720 | 8 700 | 19 180 | 400 | 58 | 53 | 67 |
| T445684 | 650/75R38 | 175 D | SB | TL | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 645 | 25.4 | 1 941 | 76.4 | 885 | 34.8 | 5 889 | 231.9 | 925 | 320 | 46 | 6 900 | 15 210 | 7 250 | 15 985 | 7 560 | 16 665 | 7 940 | 17 505 | 8 490 | 18 715 | 10 350 | 22 820 | 400 | 58 | 55 | 69 |
| T445685 | 650/85R38 | 178 D | SB | TL | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 645 | 25.4 | 2 071 | 81.5 | - | - | - | - | 975 | 320 | 46 | 7 500 | 16 535 | 7 880 | 17 370 | 8 210 | 18 100 | 8 630 | 19 025 | 9 230 | 20 350 | 11 250 | 24 800 | 400 | 58 | 56 | 71 |
| T445686 | 710/70R42 | 179 D | SB | TL | DW23B | TW23B, DW25B, TW25B | 716 | 28.2 | 2 061 | 81.1 | - | - | - | - | 975 | 320 | 46 | 7 750 | 17 085 | 8 140 | 17 945 | 8 490 | 18 715 | 8 910 | 19 645 | 9 530 | 21 010 | 11 630 | 25 640 | 400 | 58 | 56 | 71 |
| T445687 | 710/75R42 | 181 D | SB | TL | DW23B | TW23B, DW25B, TW25B | 716 | 28.2 | 2 133 | 84.0 | 972 | 38.3 | 6 458 | 254.3 | 1 025 | 320 | 46 | 8 250 | 18 190 | 8 660 | 19 090 | 9 030 | 19 910 | 9 490 | 20 920 | 10 150 | 22 375 | 12 380 | 27 295 | 400 | 58 | 57 | 72 |

In forestry or heavy road use add 40 kPa / 6 psi

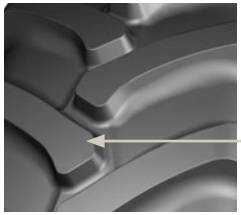
# NOKIAN FOREST RIDER




TUBELESS

## Radial efficiency for versatile forestry contracting and transport ride

- Sturdy and stable radial tire for heavy forestry use tractors and other forestry machines
- Smoother driving response and comfort compared with traditional forestry tires
- High load capacity
- Low rolling resistance reducing fuel consumption
- Excellent traction from radial construction and optimised tread design
- Sharp shoulder area giving good lateral grip
- Puncture protection from steel belts and sidewall protectors



Nokian Forest Rider tread depth measuring point on top of tie-bar

## Sizes

- Nokian Forest Rider 600/60R28 – T445466
- Nokian Forest Rider 600/70R30 – T445461
- Nokian Forest Rider 600/65R34 – T445460
- Nokian Forest Rider 710/55R34 – T445455
- Nokian Forest Rider 710/70R34 – T445517
- Nokian Forest Rider 650/65R38 – T445464
- Nokian Forest Rider 650/85R38 – T445457



# Nokian Forest Rider 600/60R28 – T445466

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445466 | 600/60R28 | 159 A8 / 167 A2 | Rider | SB | TL | DW18L | DW20B | 600 | 23.6 | 1 431 | 56.3 | 653 | 25.7 | 4 323 | 170.2 | 360 | 52 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 450 | 12 015 | 400 | 58 | 49 | 62 | 42 | 53 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 480 | 5 465 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 200 | 29 | 2 870 | 6 325 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 240 | 35 | 3 230 | 7 120 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |
| 280 | 41 | 3 530 | 7 780 | 3 875 | 8 545 | 4 150 | 9 150 | 4 770 | 10 515 | 4 750 | 10 470 |
| 320 | 46 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 360 | 52 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |

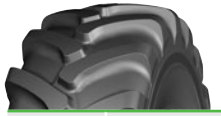
Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 430 | 115 | 325 | 85 | 265 | 70 | 135 | 300 | 400 | 880 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T545229 | TR 218 A |



# Nokian Forest Rider 600/70R30 – T445461

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445461 | 600/70R30 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | DW18L, TW18L, TW20B | 600 | 23.6 | 1 602 | 63.1 | 730 | 28.7 | 4 869 | 191.7 | 360 | 52 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 960 | 6 525 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 200 | 29 | 3 410 | 7 520 | 3 750 | 8 265 | 4 010 | 8 840 | 4 610 | 10 165 | 4 625 | 10 195 |
| 240 | 35 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 280 | 41 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 320 | 46 | 4 440 | 9 790 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 360 | 52 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |

Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 540 | 145 | 405 | 105 | 332 | 88 | 169 | 375 | 501 | 1 105 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55380 | TR 218 A |



# Nokian Forest Rider 600/65R34 – T445460

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445460 | 600/65R34 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | DW18L, TW18L, TW20B | 600 | 23.6 | 1 644 | 64.7 | 763 | 30.0 | 5 008 | 197.2 | 360 | 52 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 300 | 13 890 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 960 | 6 525 | 3 250 | 7 165 | 3 480 | 7 670 | 4 000 | 8 820 | 4 000 | 8 820 |
| 200 | 29 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 240 | 35 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 280 | 41 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 320 | 46 | 4 440 | 9 790 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 360 | 52 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |

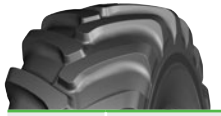
Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 573 | 150 | 430 | 115 | 350 | 92 | 180 | 395 | 530 | 1 170 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian Forest Rider 710/55R34 – T445455

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445455 | 710/55R34 | 171 A8 / 178 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1 640 | 64.6 | 755 | 29.7 | 4 977 | 195.9 | 400 | 58 | 5 600 | 12 345 | 6 150 | 13 560 | 6 580 | 14 505 | 7 500 | 16 535 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 200 | 29 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 280 | 41 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 320 | 46 | 4 950 | 10 915 | 5 450 | 12 015 | 5 830 | 12 855 | 6 700 | 14 770 | 6 700 | 14 770 |
| 360 | 52 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 400 | 58 | 5 600 | 12 345 | 6 150 | 13 560 | 6 580 | 14 505 | 7 560 | 16 665 | 7 500 | 16 535 |

Maximum inflation pressure 400 kPa.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 677 | 180 | 510 | 135 | 420 | 111 | 210 | 465 | 630 | 1 390 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian Forest Rider 710/70R34 – T445517

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445517 | 710/70R34 | 176 A8 / 183 A2 | Rider | SB | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1 844 | 72.6 | 841 | 33.1 | 5 592 | 220.2 | 360 | 52 | 6 460 | 14 240 | 7 100 | 15 655 | 7 600 | 16 755 | 8 750 | 19 290 | 400 | 58 | 53 | 67 | 46 | 58 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 4 100 | 9 040 | 4 500 | 9 920 | 4 820 | 10 625 | 5 540 | 12 215 | 5 600 | 12 345 |
| 200 | 29 | 4 690 | 10 340 | 5 150 | 11 355 | 5 510 | 12 145 | 6 330 | 13 955 | 6 300 | 13 890 |
| 240 | 35 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 280 | 41 | 5 730 | 12 630 | 6 300 | 13 890 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 320 | 46 | 6 100 | 13 450 | 6 700 | 14 770 | 7 170 | 15 805 | 8 240 | 18 165 | 8 250 | 18 190 |
| 360 | 52 | 6 460 | 14 240 | 7 100 | 15 655 | 7 600 | 16 755 | 8 730 | 19 245 | 8 750 | 19 290 |

Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 950 | 250 | 715 | 190 | 585 | 155 | 298 | 655 | 883 | 1 945 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55388 | TR 218 A |



# Nokian Forest Rider 650/65R38 – T445464

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445464 | 650/65R38 | 171 A8 / 178 A2 | Rider | SB | TL | DW20B | DW23B | 645 | 25.4 | 1 811 | 71.3 | 834 | 32.8 | 5 517 | 217.2 | 360 | 52 | 5 600 | 12 345 | 6 150 | 13 560 | 6 580 | 14 505 | 7 500 | 16 535 | 400 | 58 | 50 | 63 | 43 | 54 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 530 | 7 780 | 3 875 | 8 545 | 4 150 | 9 150 | 4 770 | 10 515 | 4 750 | 10 470 |
| 200 | 29 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |
| 240 | 35 | 4 440 | 9 790 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 280 | 41 | 4 820 | 10 625 | 5 300 | 11 685 | 5 670 | 12 500 | 6 520 | 14 375 | 6 500 | 14 330 |
| 320 | 46 | 5 280 | 11 640 | 5 800 | 12 785 | 6 210 | 13 690 | 7 130 | 15 720 | 7 100 | 15 655 |
| 360 | 52 | 5 600 | 12 345 | 6 150 | 13 560 | 6 580 | 14 505 | 7 560 | 16 665 | 7 500 | 16 535 |

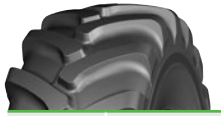
Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 780 | 205 | 585 | 155 | 483 | 128 | 246 | 540 | 729 | 1 605 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T545322 | TR 218 A |



# Nokian Forest Rider 650/85R38 – T445457

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445457 | 650/85R38 | 179 A8 / 186 A2 | Rider | SB | TL | DW20B | DW23B | 650 | 25.6 | 2071 | 81.5 | 960 | 37.8 | 6 321 | 248.9 | 360 | 52 | 7 050 | 15540 | 7 750 | 17085 | 8 290 | 18275 | 9 500 | 20945 | 400 | 58 | 51 | 64 | 44 | 56 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 4 440 | 9 790 | 4 875 | 10 745 | 5 220 | 11 510 | 6 000 | 13 230 | 6 000 | 13 230 |
| 200 | 29 | 5 100 | 11 245 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |
| 240 | 35 | 5 730 | 12 630 | 6 500 | 14 330 | 6 740 | 14 860 | 7 750 | 17 085 | 7 750 | 17 085 |
| 280 | 41 | 6 280 | 13 845 | 6 900 | 15 210 | 7 380 | 16 270 | 8 490 | 18 715 | 8 500 | 18 740 |
| 320 | 46 | 6 640 | 14 640 | 7 300 | 16 095 | 7 810 | 17 220 | 8 980 | 19 795 | 9 000 | 19 840 |
| 360 | 52 | 7 050 | 15 540 | 7 750 | 17 085 | 8 290 | 18 275 | 9 530 | 21 010 | 9 500 | 20 945 |

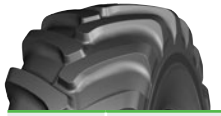
Maximum inflation pressure 400 kPa without increase to the above load capacity values.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 160 | 305 | 870 | 230 | 714 | 189 | 364 | 800 | 1 078 | 2 375 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Forest Rider – all sizes

SB = STEEL BELTED TL = TUBELESS, may be fitted with or without tube

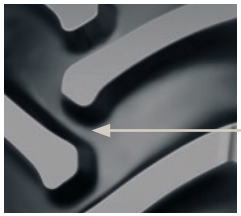
| Product code | Size | LI/SS | Pattern Forest | Steel belted | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | Max. Inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 40 km/h | 25 mph | 30 km/h | 20 mph | 10 km/h | 5 mph | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445466 | 600/60R28 | 159 A8 / 167 A2 | Rider | SB | TL | DW18L | DW20B | 600 | 23.6 | 1431 | 56.3 | 653 | 25.7 | 4 323 | 170.2 | 360 | 52 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10320 | 5 450 | 12015 | 400 | 58 | 49 | 62 | 42 | 53 |
| T445461 | 600/70R30 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | DW18L, W18L, TW20B | 600 | 23.6 | 1602 | 63.1 | 730 | 28.7 | 4 869 | 191.7 | 360 | 52 | 4 690 | 10340 | 5 150 | 11355 | 5 510 | 12145 | 6 300 | 13890 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445460 | 600/65R34 | 165 A8 / 172 A2 | Rider | SB | TL | DW20B | DW18L, TW18L, TW20B | 600 | 23.6 | 1644 | 64.7 | 763 | 30.0 | 5 008 | 197.2 | 360 | 52 | 4 690 | 10340 | 5 150 | 11355 | 5 510 | 12145 | 6 300 | 13890 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445455 | 710/55R34 | 171 A8 / 178 A2 | Rider | SB | TL | DW24B | DW23B | 710 | 28.0 | 1640 | 64.6 | 755 | 29.7 | 4 977 | 195.9 | 400 | 58 | 5 600 | 12345 | 6 150 | 13560 | 6 580 | 14505 | 7 500 | 16535 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445517 | 710/70R34 | 176 A8 / 183 A2 | Rider | SB | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1844 | 72.6 | 841 | 33.1 | 5 592 | 220.2 | 360 | 52 | 6 460 | 14240 | 7 100 | 15655 | 7 600 | 16755 | 8 750 | 19290 | 400 | 58 | 53 | 67 | 46 | 58 |
| T445464 | 650/65R38 | 171 A8 / 178 A2 | Rider | SB | TL | DW20B | DW23B | 645 | 25.4 | 1811 | 71.3 | 834 | 32.8 | 5 517 | 217.2 | 360 | 52 | 5 600 | 12345 | 6 150 | 13560 | 6 580 | 14505 | 7 500 | 16535 | 400 | 58 | 50 | 63 | 43 | 54 |
| T445457 | 650/85R38 | 179 A8 / 186 A2 | Rider | SB | TL | DW20B | DW23B | 650 | 25.6 | 2071 | 81.5 | 960 | 37.8 | 6 321 | 248.9 | 360 | 52 | 7 050 | 15540 | 7 750 | 17085 | 8 290 | 18275 | 9 500 | 20945 | 400 | 58 | 51 | 64 | 44 | 56 |

# NOKIAN FOREST KING T




## Heavy weight professional

- Special tire for heavy tractor based forestry machines and skidders
- Tire for tasks involving clearing and scarifying forestry terrain
- Good self cleaning properties
- Lug angle suited for transport ride



Nokian Forest King T tread depth measuring point

## Sizes

- Nokian Forest King T 620/75-26 – T445365
- Nokian Forest King T 500/70-28 – T445335
- Nokian Forest King T 540/70-30 – T445314
- Nokian Forest King T 600/70-38 – T445334
- Nokian Forest King T 650/75-38 – T445313



# Nokian Forest King T 620/75-26 – T445365

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445365 | 620/75-26 | 159 A8 / 167 A2 | T | SF | TT | DW20B | | 625 | 24.6 | 1 590 | 62.6 | 723 | 28.5 | 4 763 | 187.5 | 240[1)] | 35[1)] | 5 450 | 12 015 | 4 680 | 10 320 | 4 375 | 9 645 | 3 980 | 8 775 | 52 | 66 |

*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).
[1)] Max pressure in forestry use is 280 kPa / 41 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 140 | 6 920 | 3 450 | 7 605 | 3 690 | 8 135 | 4 240 | 9 350 | 4 250 | 9 370 |
| 200 | 29 | 3 640 | 8 025 | 4 000 | 8 820 | 4 280 | 9 435 | 4 920 | 10 845 | 4 875 | 10 745 |
| 240 | 35 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |

**Note!** The load capacity of metric sizes is according to the new method of calculation (ETRTO). Max pressure in forestry use is 280 kPa / 41 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 450 | 120 | 340 | 90 | 277 | 73 | 141 | 310 | 418 | 920 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King T 500/70-28 – T445335

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445335 | 500/70-28 | 146 A8 / 153 A2 | T | SF | TT | DW16L | | 503 | 19.8 | 1 405 | 55.3 | 648 | 25.5 | 4 197 | 165.2 | 240[1)] | 35[1)] | 3 650 | 8 045 | 3 210 | 7 075 | 3 000 | 6 615 | 2 730 | 6 020 | 49 | 62 |

*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).
[1)] Max pressure in forestry use is 280 kPa / 41 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 150 | 4 740 | 2 360 | 5 205 | 2 530 | 5 580 | 2 900 | 6 395 | 2 900 | 6 395 |
| 200 | 29 | 2 480 | 5 465 | 2 725 | 6 010 | 2 920 | 6 435 | 3 350 | 7 385 | 3 350 | 7 385 |
| 240 | 35 | 2 730 | 6 020 | 3 000 | 6 615 | 3 210 | 7 075 | 3 690 | 8 135 | 3 650 | 8 045 |

**Note!** The load capacity of metric sizes is according to the new method of calculation (ETRTO). Max pressure in forestry use is 280 kPa / 41 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 340 | 90 | 255 | 65 | 209 | 55 | 107 | 235 | 316 | 695 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T545229 | TR 218 A |



# Nokian Forest King T 540/70-30 – T445314

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445314 | 540/70-30 | 152 A8 / 159 A2 | T | SF | TT | DW16L | | 540 | 21.3 | 1 515 | 59.6 | 705 | 27.8 | 4 505 | 177.4 | 240[1)] | 35[1)] | 4 375 | 9 645 | 3 800 | 8 375 | 3 550 | 7 825 | 3 230 | 7 120 | 50 | 63 |

*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).
[1)] Max pressure in forestry use is 280 kPa / 41 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 2 550 | 5 620 | 2 800 | 6 175 | 2 920 | 6 435 | 3 440 | 7 585 | 3 450 | 7 605 |
| 200 | 29 | 2 870 | 6 325 | 3 150 | 6 945 | 3 370 | 7 430 | 3 870 | 8 530 | 3 875 | 8 545 |
| 240 | 35 | 3 230 | 7 120 | 3 550 | 7 825 | 3 800 | 8 375 | 4 370 | 9 635 | 4 375 | 9 645 |

**Note!** The load capacity of metric sizes is according to the new method of calculation (ETRTO). Max pressure in forestry use is 280 kPa / 41 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 435 | 115 | 325 | 85 | 268 | 71 | 136 | 300 | 404 | 890 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55371 | TR 218 A |



# Nokian Forest King T 600/70-38 – T445334

SF = STEEL FORTIFIED  TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445334 | 600/70-38 | 164 A8 / 171 A2 | T | SF | TT | DW20B | | 611 | 24.1 | 1 820 | 71.7 | 844 | 33.2 | 5 479 | 215.7 | 280 | 41 | 6 150 | 13 560 | 5 350 | 11 795 | 5 000 | 11 025 | 4 550 | 10 030 | 51 | 64 |

*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 320 | 7 320 | 3 650 | 8 045 | 3 910 | 8 620 | 4 490 | 9 900 | 4 500 | 9 920 |
| 200 | 29 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 5 070 | 11 175 | 5 000 | 11 025 |
| 240 | 35 | 4 210 | 9 280 | 4 625 | 10 195 | 4 950 | 10 915 | 5 690 | 12 545 | 5 600 | 12 345 |
| 280 | 41 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |

**Note!** The load capacity of metric sizes is according to the new method of calculation (ETRTO). Max pressure in forestry use is 280 kPa / 41 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 710 | 190 | 535 | 140 | 437 | 115 | 223 | 490 | 660 | 1 455 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T545322 | TR 218 A |



# Nokian Forest King T 650/75-38 – T445313

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445313 | 650/75-38 | 168 A8 / 175 A2 | T | SF | TT | DW20B | DW23B | 650 | 25.6 | 1 965 | 77.4 | 900 | 35.4 | 5 890 | 231.9 | 240[1)] | 35[1)] | 6 900 | 15 210 | 5 990 | 13 205 | 5 600 | 12 345 | 5 100 | 11 245 | 53 | 67 |

*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).
[1)] Max pressure in forestry use is 280 kPa / 41 psi

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation Pressure | | Road 50 km/h / 30 mph | | Road 40 km/h / 25 mph | | Road 30 km/h / 20 mph | | Road 20 km/h / 12.5 mph | | Forestry service (LT) 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 160 | 23 | 3 980 | 8 775 | 4 375 | 9 645 | 4 680 | 10 320 | 5 380 | 11 860 | 5 450 | 12 015 |
| 200 | 29 | 4 550 | 10 030 | 5 000 | 11 025 | 5 350 | 11 795 | 6 150 | 13 560 | 6 150 | 13 560 |
| 240 | 35 | 5 100 | 11 245 | 5 600 | 12 345 | 5 990 | 13 205 | 6 890 | 15 190 | 6 900 | 15 210 |

**Note!** The load capacity of metric sizes is according to the new method of calculation (ETRTO). Max pressure in forestry use is 280 kPa / 41 psi.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 905 | 240 | 680 | 180 | 557 | 147 | 284 | 625 | 841 | 1 855 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T545322 | TR 218 A |



# Nokian Forest King T – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | Pattern Forest King | Steel fortified | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity* kg/lbs | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445365 | 620/75-26 | 159 A8 / 167 A2 | T | SF | TT | DW20B | | 625 | 24.6 | 1 590 | 62.6 | 723 | 28.5 | 4 763 | 187.5 | 240[1)] | 35[1)] | 5 450 | 12 015 | 4 680 | 10 320 | 4 375 | 9 645 | 3 980 | 8 775 | 52 | 66 |
| T445335 | 500/70-28 | 146 A8 / 153 A2 | T | SF | TT | DW16L | | 503 | 19.8 | 1 405 | 55.3 | 648 | 25.5 | 4 197 | 165.2 | 240[1)] | 35[1)] | 3 650 | 8 045 | 3 210 | 7 075 | 3 000 | 6 615 | 2 730 | 6 020 | 49 | 62 |
| T445314 | 540/70-30 | 152 A8 / 159 A2 | T | SF | TT | DW16L | | 540 | 21.3 | 1 515 | 59.6 | 705 | 27.8 | 4 505 | 177.4 | 240[1)] | 35[1)] | 4 375 | 9 645 | 3 800 | 8 375 | 3 550 | 7 825 | 3 230 | 7 120 | 50 | 63 |
| T445334 | 600/70-38 | 164 A8 / 171 A2 | T | SF | TT | DW20B | | 611 | 24.1 | 1 820 | 71.7 | 844 | 33.2 | 5 479 | 215.7 | 280 | 41 | 6 150 | 13 560 | 5 350 | 11 795 | 5 000 | 11 025 | 4 550 | 10 030 | 51 | 64 |
| T445313 | 650/75-38 | 168 A8 / 175 A2 | T | SF | TT | DW20B | DW23B | 650 | 25.6 | 1 965 | 77.4 | 900 | 35.4 | 5 890 | 231.9 | 240[1)] | 35[1)] | 6 900 | 15 210 | 5 990 | 13 205 | 5 600 | 12 345 | 5 100 | 11 245 | 53 | 67 |

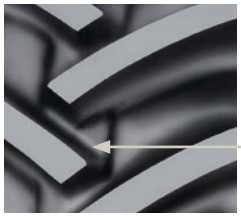
*) Note! The load capacity of metric sizes is according to the new method of calculation (ETRTO).
[1)] Max pressure in forestry use is 280 kPa / 41 psi

# NOKIAN TR FOREST




## Reliable tire for tractors in forestry use

- Strong diagonal construction
- Tread pattern giving excellent traction
- Good self cleaning properties
- Tread compound developed especially for forestry use



Nokian TR Forest tread depth measuring point on top of tie-bar

## Sizes

- Nokian TR Forest 11.2-24 10PR – T482170
- Nokian TR Forest 12.4-24 12PR – T482192
- Nokian TR Forest 13.6-24 10PR – T482198
- Nokian TR Forest 14.9-24 14PR – T482220
- Nokian TR Forest 13.6-28 10PR – T483150
- Nokian TR Forest 14.9-28 14PR – T445409
- Nokian TR Forest 16.9-28 14PR – T483301
- Nokian TR Forest 16.9-30 14PR – T483810
- Nokian TR Forest 16.9-34 14PR – T484390
- Nokian TR Forest 18.4-34 14PR – T484420
- Nokian TR Forest 18.4-38 14PR – T485430
- Nokian TR Forest 20.8-38 14PR – T485450



# Nokian TR Forest 11.2-24 10PR – T482170

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T482170 | 11.2-24 | 119 A8 | 10 | FS FOREST | TT | DW10 | DW10, W10, W9 | 284 | 11.2 | 1 105 | 43.5 | 516 | 20.3 | 3 324 | 130.9 | 300 | 44 | 1 460 | 3 220 | 1 360 | 3 000 | 1 240 | 2 735 | 43 | 54 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 110 | 30 | 85 | 20 | 68 | 18 | 35 | 75 | 102 | 225 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55100 | TR 218 A |



# Nokian TR Forest 12.4-24 12PR – T482192

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T482192 | 12.4-24 | 128 A8 | 12 | FS FOREST | TT | DW11 | DW10, W11, W10, W9 | 315 | 12.4 | 1 160 | 45.7 | 538 | 21.2 | 3 443 | 135.6 | 350 | 51 | 1 930 | 4 255 | 1 800 | 3 970 | 1 640 | 3 615 | 41 | 52 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 150 | 40 | 115 | 30 | 92 | 24 | 47 | 105 | 139 | 305 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55100 | TR 218 A |



# Nokian TR Forest 13.6-24 10PR – T482198

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T482198 | 13.6-24 | 128 A8 | 10 | FS FOREST | TT | DW12 | DW12, DW11, W12, W11 | 345 | 13.6 | 1 210 | 47.6 | 548 | 21.6 | 3 512 | 138.3 | 250 | 36 | 1 930 | 4 255 | 1 800 | 3 970 | 1 640 | 3 615 | 46 | 58 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 50 | 135 | 35 | 111 | 29 | 56 | 125 | 167 | 370 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55105 | TR 218 A |



# Nokian TR Forest 14.9-24 14PR – T482220

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T482220 | 14.9-24 | 138 A8 | 14 | FS FOREST | TT | DW13 | DW12, W13, W12, W11 | 378 | 14.9 | 1 265 | 49.8 | 582 | 22.9 | 3 707 | 145.9 | 300 | 44 | 2 530 | 5 580 | 2 360 | 5 205 | 2 150 | 4 740 | 44 | 56 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 240 | 65 | 180 | 50 | 148 | 39 | 75 | 165 | 223 | 490 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55112 | TR 218 A |



# Nokian TR Forest 13.6-28 10PR – T483150

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T483150 | 13.6-28 | 130 A8 | 10 | FS FOREST | TT | DW12 | DW12, DW11, W11, W12 | 345 | 13.6 | 1 310 | 51.6 | 609 | 24.0 | 3 934 | 154.9 | 250 | 36 | 2 040 | 4 495 | 1 900 | 4 190 | 1 730 | 3 815 | 33 | 42 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 210 | 55 | 160 | 40 | 129 | 34 | 66 | 145 | 195 | 430 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55105 | TR 218 A |



# Nokian TR Forest 14.9-28 14PR – T445409

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T445409 | 14.9-28 | 140 A8 | 14 | FOREST | TT | DW13 | DW12, W13, W12, W11 | 378 | 14.9 | 1 365 | 53.7 | 635 | 25.0 | 4 065 | 160.0 | 300 | 44 | 2 680 | 5 910 | 2 500 | 5 510 | 2 280 | 5 025 | 38 | 48 | 33 | 42 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 240 | 65 | 180 | 50 | 148 | 39 | 75 | 165 | 223 | 490 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55351 | TR 218 A |



# Nokian TR Forest 16.9-28 14PR – T483301

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T483301 | 16.9-28 | 145 A8 | 14 | FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 435 | 56.5 | 662 | 26.1 | 4 280 | 168.5 | 270 | 39 | 3 120 | 6 880 | 2 900 | 6 395 | 2 640 | 5 820 | 42 | 53 | 37 | 47 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 54 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55370 | TR 218 A |



# Nokian TR Forest 16.9-30 14PR – T483810

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T483810 | 16.9-30 | 144 A8 | 14 | FS FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 485 | 58.5 | 683 | 26.9 | 4 361 | 171.7 | 260 | 38 | 3 000 | 6 615 | 2 800 | 6 175 | 2 550 | 5 620 | 45 | 57 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 360 | 95 | 270 | 70 | 222 | 59 | 113 | 250 | 334 | 735 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Tube product code | Valve tube-type |
|---|---|
| T55371 | TR 218 A |



# Nokian TR Forest 16.9-34 14PR – T484390

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T484390 | 16.9-34 | 146 A8 | 14 | FS FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 585 | 62.4 | 742 | 29.2 | 4 599 | 181.1 | 260 | 38 | 3 220 | 7 100 | 3 000 | 6 615 | 2 730 | 6 020 | 45 | 57 | - | - |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 390 | 105 | 295 | 80 | 240 | 63 | 122 | 270 | 362 | 800 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55391 | TR 218 A |



# Nokian TR Forest 18.4-34 14PR – T484420

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T484420 | 18.4-34 | 154 A8 | 14 | FS FOREST | TT | DW16 | DW15, W16L, W15L | 467 | 18.4 | 1 650 | 65.0 | 765 | 30.1 | 4 825 | 190.0 | 260 | 38 | 4 020 | 8 860 | 3 750 | 8 265 | 3 420 | 7 540 | 48 | 61 | 43 | 54 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 480 | 125 | 360 | 95 | 295 | 78 | 151 | 335 | 446 | 985 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55391 | TR 218 A |



# Nokian TR Forest 18.4-38 14PR – T485430

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T485430 | 18.4-38 | 155 A8 | 14 | FOREST | TT | DW16 | DW15, W16L, W15L | 467 | 18.4 | 1 750 | 68.9 | 819 | 32.2 | 5 150 | 202.8 | 260 | 38 | 4 160 | 9 170 | 3 875 | 8 545 | 3 540 | 7 805 | 53 | 67 | 48 | 61 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 510 | 135 | 385 | 100 | 314 | 83 | 160 | 355 | 474 | 1 045 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55430 | TR 218 A |



# Nokian TR Forest 20.8-38 14PR – T485450

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T485450 | 20.8-38 | 159 A8 | 14 | FOREST | TT | DW18 | DW16, W18L, W16L | 528 | 20.8 | 1 840 | 72.4 | 853 | 33.6 | 5 510 | 216.9 | 230 | 33 | 4 700 | 10 360 | 4 375 | 9 645 | 4 000 | 8 820 | 53 | 67 | 48 | 61 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 685 | 180 | 515 | 135 | 422 | 111 | 215 | 475 | 636 | 1 400 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55445 | TR 218 A |



# Nokian TR Forest – all sizes

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern TR | TT/ TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in | mm | 32 nds in |
| T482170 | 11.2-24 | 119 A8 | 10 | FS FOREST | TT | DW10 | DW10, W10, W9 | 284 | 11.2 | 1 105 | 43.5 | 516 | 20.3 | 3 324 | 130.9 | 300 | 44 | 1 460 | 3 220 | 1 360 | 3 000 | 1 240 | 2 735 | 43 | 54 | - | - |
| T482192 | 12.4-24 | 128 A8 | 12 | FS FOREST | TT | DW11 | DW10, W11, W10, W9 | 315 | 12.4 | 1 160 | 45.7 | 538 | 21.2 | 3 443 | 135.6 | 350 | 51 | 1 930 | 4 255 | 1 800 | 3 970 | 1 640 | 3 615 | 41 | 52 | - | - |
| T482198 | 13.6-24 | 128 A8 | 10 | FS FOREST | TT | DW12 | DW12, DW11, W12, W11 | 345 | 13.6 | 1 210 | 47.6 | 548 | 21.6 | 3 512 | 138.3 | 250 | 36 | 1 930 | 4 255 | 1 800 | 3 970 | 1 640 | 3 615 | 46 | 58 | - | - |
| T482220 | 14.9-24 | 138 A8 | 14 | FS FOREST | TT | DW13 | DW12, W13, W12, W11 | 378 | 14.9 | 1 265 | 49.8 | 582 | 22.9 | 3 707 | 145.9 | 300 | 44 | 2 530 | 5 580 | 2 360 | 5 205 | 2 150 | 4 740 | 44 | 56 | - | - |
| T483150 | 13.6-28 | 130 A8 | 10 | FS FOREST | TT | DW12 | DW12, DW11, W11, W12 | 345 | 13.6 | 1 310 | 51.6 | 609 | 24.0 | 3 934 | 154.9 | 250 | 36 | 2 040 | 4 495 | 1 900 | 4 190 | 1 730 | 3 815 | 33 | 42 | - | - |
| T445409 | 14.9-28 | 140 A8 | 14 | FOREST | TT | DW13 | DW12, W13, W12, W11 | 378 | 14.9 | 1 365 | 53.7 | 635 | 25.0 | 4 065 | 160.0 | 300 | 44 | 2 680 | 5 910 | 2 500 | 5 510 | 2 280 | 5 025 | 38 | 48 | 33 | 42 |
| T483301 | 16.9-28 | 145 A8 | 14 | FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 435 | 56.5 | 662 | 26.1 | 4 280 | 168.5 | 270 | 39 | 3 120 | 6 880 | 2 900 | 6 395 | 2 640 | 5 820 | 42 | 53 | 37 | 47 |
| T483810 | 16.9-30 | 144 A8 | 14 | FS FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 485 | 58.5 | 683 | 26.9 | 4 361 | 171.7 | 260 | 38 | 3 000 | 6 615 | 2 800 | 6 175 | 2 550 | 5 620 | 45 | 57 | - | - |
| T484390 | 16.9-34 | 146 A8 | 14 | FS FOREST | TT | DW15 | DW14, W15L, W14L | 429 | 16.9 | 1 585 | 62.4 | 742 | 29.2 | 4 599 | 181.1 | 260 | 38 | 3 220 | 7 100 | 3 000 | 6 615 | 2 730 | 6 020 | 45 | 57 | - | - |
| T484420 | 18.4-34 | 154 A8 | 14 | FS FOREST | TT | DW16 | DW15, W16L, W15L | 467 | 18.4 | 1 650 | 65.0 | 765 | 30.1 | 4 825 | 190.0 | 260 | 38 | 4 020 | 8 860 | 3 750 | 8 265 | 3 420 | 7 540 | 48 | 61 | 43 | 54 |
| T485430 | 18.4-38 | 155 A8 | 14 | FOREST | TT | DW16 | DW15, W16L, W15L | 467 | 18.4 | 1 750 | 68.9 | 819 | 32.2 | 5 150 | 202.8 | 260 | 38 | 4 160 | 9 170 | 3 875 | 8 545 | 3 540 | 7 805 | 53 | 67 | 48 | 61 |
| T485450 | 20.8-38 | 159 A8 | 14 | FOREST | TT | DW18 | DW16, W18L, W16L | 528 | 20.8 | 1 840 | 72.4 | 853 | 33.6 | 5 510 | 216.9 | 230 | 33 | 4 700 | 10 360 | 4 375 | 9 645 | 4 000 | 8 820 | 53 | 67 | 48 | 61 |

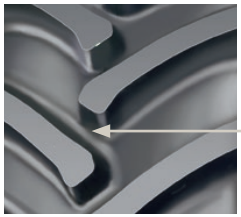
# NOKIAN TR MULTIPLUS




TUBELESS

## Radial tire for multi purpose use

- Tire for light forestry, agriculture and earthmoving applications
- Good transport properties
- Excellent grip
- Excellent self cleaning properties



Nokian TR Multiplus tread depth measuring point

## Sizes

- Nokian TR Multiplus 500/65R24 – T445410
- Nokian TR Multiplus 500/65R28 – T445411
- Nokian TR Multiplus 540/65R28 – T445412
- Nokian TR Multiplus 600/65R34 – T445413
- Nokian TR Multiplus 600/65R38 – T445414
- Nokian TR Multiplus 650/65R38 – T445415



# Nokian TR Multiplus 500/65R24 – T445410

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445410 | 500/65R24 | 142 A8/139 B | Multiplus | TL | W15L | W16L, W14L, W13 | 480 | 18.9 | 1 244 | 49.0 | 575 | 22.6 | 3 735 | 147.0 | 240 | 35 | 2 840 | 6 260 | 2 650 | 5 840 | 2 430 | 5 355 | 48 | 61 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 2 430 | 5 355 | 2 650 | 5 840 | 2 840 | 6 260 | 3 180 | 7 010 | 3 980 | 8 775 |
| 160 | 23 | 1 850 | 4 080 | 2 060 | 4 540 | 2 200 | 4 850 | - | - | 3 090 | 6 810 |
| 80 | 12 | 1 285 | 2 835 | 1 400 | 3 085 | 1 500 | 3 305 | - | - | 2 100 | 4 630 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 270 | 70 | 205 | 55 | 166 | 44 | 85 | 185 | 251 | 555 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55116 | TR 218 A |



# Nokian TR Multiplus 500/65R28 – T445411

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445411 | 500/65R28 | 144 A8/141 B | Multiplus | TL | W15L | W16L, W14L, W13 | 480 | 18.9 | 1 347 | 53.0 | 622 | 24.5 | 4 055 | 159.6 | 240 | 35 | 3 000 | 6 615 | 2 800 | 6 175 | 2 575 | 5 675 | 48 | 61 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 2 575 | 5 675 | 2 800 | 6 175 | 3 000 | 6 615 | 3 360 | 7 405 | 4 200 | 9 260 |
| 160 | 23 | 2 060 | 4 540 | 2 240 | 4 940 | 2 400 | 5 290 | - | - | 3 360 | 7 405 |
| 80 | 12 | 1 360 | 3 000 | 1 500 | 3 305 | 1 610 | 3 550 | - | - | 2 250 | 4 960 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 315 | 85 | 235 | 60 | 194 | 51 | 99 | 220 | 293 | 645 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55097 | TR 218 A |



# Nokian TR Multiplus 540/65R28 – T445412

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445412 | 540/65R28 | 149 A8/146 B | Multiplus | TL | DW16 | W15L, W16L, DW18L, W18L | 540 | 21.3 | 1 413 | 55.6 | 653 | 25.7 | 4 254 | 167.5 | 240 | 35 | 3 480 | 7 670 | 3 250 | 7 165 | 3 000 | 6 615 | 51 | 64 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 3 000 | 6 615 | 3 250 | 7 165 | 3 480 | 7 670 | 3 900 | 8 600 | 4 880 | 10 760 |
| 160 | 23 | 2 300 | 5 070 | 2 500 | 5 510 | 2 680 | 5 910 | - | - | 3 750 | 8 265 |
| 80 | 12 | 1 550 | 3 415 | 1 700 | 3 750 | 1 820 | 4 010 | - | - | 2 550 | 5 620 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 390 | 105 | 295 | 80 | 240 | 63 | 122 | 270 | 362 | 800 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T545229 | TR 218 A |



# Nokian TR Multiplus 600/65R34 – T445413

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445413 | 600/65R34 | 157 A8/154 B | Multiplus | TL | DW18L | W16L, W18L, DW20B | 575 | 22.6 | 1 644 | 64.7 | 750 | 29.5 | 4 930 | 194.1 | 240 | 35 | 4 410 | 9 720 | 4 125 | 9 095 | 3 750 | 8 265 | 52 | 66 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 3 750 | 8 265 | 4 125 | 9 095 | 4 410 | 9 720 | 4 950 | 10 915 | 6 190 | 13 645 |
| 160 | 23 | 3 000 | 6 615 | 3 250 | 7 165 | 3 480 | 7 670 | - | - | 4 880 | 10 760 |
| 80 | 12 | 2 000 | 4 410 | 2 180 | 4 805 | 2 330 | 5 135 | - | - | 3 270 | 7 210 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 575 | 150 | 430 | 115 | 354 | 94 | 180 | 395 | 534 | 1 175 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55395 | TR 218 A |



# Nokian TR Multiplus 600/65R38 – T445414

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445414 | 600/65R38 | 159 A8/156 B | Multiplus | TL | DW18L | W16L,W18L, DW20B | 575 | 22.6 | 1 753 | 69.0 | 809 | 31.9 | 5 290 | 208.3 | 240 | 35 | 4 680 | 10 320 | 4 375 | 9 645 | 4 000 | 8 820 | 52 | 66 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 4 000 | 8 820 | 4 375 | 9 645 | 4 680 | 10 320 | 5 250 | 11 575 | 6 560 | 14 460 |
| 160 | 23 | 3 150 | 6 945 | 3 450 | 7 605 | 3 690 | 8 135 | - | - | 5 180 | 11 420 |
| 80 | 12 | 2 120 | 4 675 | 2 300 | 5 070 | 2 460 | 5 425 | - | - | 3 450 | 7 605 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 640 | 170 | 480 | 125 | 394 | 104 | 201 | 445 | 595 | 1 310 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55445 | TR218A |



# Nokian TR Multiplus 650/65R38 – T445415

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445415 | 650/65R38 | 164 A8/160 B | Multiplus | TL | DW20B | DW18 | 645 | 25.4 | 1 811 | 71.3 | 838 | 33.0 | 5 485 | 215.9 | 240 | 35 | 5 350 | 11 795 | 5 000 | 11 025 | 4 500 | 9 920 | 53 | 67 |

## LOAD CAPACITY VALUES FOR FORESTRY USE

| Inflation pressure[1] | | Road Service 50 km/h / 30 mph | | Road Service 40 km/h / 25 mph | | Road Service 30 km/h / 20 mph | | Pull Service in Forest 10 km/h / 5 mph | | Field Service[2] 10 km/h / 5 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 240 | 35 | 4 500 | 9 920 | 5 000 | 11 025 | 5 350 | 11 795 | 6 000 | 13 230 | 7 500 | 16 535 |
| 160 | 23 | 3 550 | 7 825 | 3 875 | 8 545 | 4 150 | 9 150 | - | - | 5 810 | 12 810 |
| 80 | 12 | 2 360 | 5 205 | 2 575 | 5 675 | 2 760 | 6 085 | - | - | 3 860 | 8 510 |

1) The maximum tire inflation pressure in forestry use is 320 kPa / 46 psi without increase in the load values.
2) For field applications with high and sustained torque, values for road service 30 km/h / 20 mph are applied.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 775 | 205 | 580 | 155 | 477 | 126 | 243 | 535 | 720 | 1 585 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TR Multiplus – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern TR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445410 | 500/65R24 | 142 A8/139 B | Multiplus | TL | W15L | W16L, W14L, W13 | 480 | 18.9 | 1 244 | 49.0 | 575 | 22.6 | 3 735 | 147.0 | 240 | 35 | 2 840 | 6 260 | 2 650 | 5 840 | 2 430 | 5 355 | 48 | 61 |
| T445411 | 500/65R28 | 144 A8/141 B | Multiplus | TL | W15L | W16L, W14L, W13 | 480 | 18.9 | 1 347 | 53.0 | 622 | 24.5 | 4 055 | 159.6 | 240 | 35 | 3 000 | 6 615 | 2 800 | 6 175 | 2 575 | 5 675 | 48 | 61 |
| T445412 | 540/65R28 | 149 A8/146 B | Multiplus | TL | DW16 | W15L, W16L, DW18L, W18L | 540 | 21.3 | 1 413 | 55.6 | 653 | 25.7 | 4 254 | 167.5 | 240 | 35 | 3 480 | 7 670 | 3 250 | 7 165 | 3 000 | 6 615 | 51 | 64 |
| T445413 | 600/65R34 | 157 A8/154 B | Multiplus | TL | DW18L | W16L, W18L, DW20B | 575 | 22.6 | 1 644 | 64.7 | 750 | 29.5 | 4 930 | 194.1 | 240 | 35 | 4 410 | 9 720 | 4 125 | 9 095 | 3 750 | 8 265 | 52 | 66 |
| T445414 | 600/65R38 | 159 A8/156 B | Multiplus | TL | DW18L | W16L,W18L, DW20B | 575 | 22.6 | 1 753 | 69.0 | 809 | 31.9 | 5 290 | 208.3 | 240 | 35 | 4 680 | 10 320 | 4 375 | 9 645 | 4 000 | 8 820 | 52 | 66 |
| T445415 | 650/65R38 | 164 A8/160 B | Multiplus | TL | DW20B | DW18 | 645 | 25.4 | 1 811 | 71.3 | 838 | 33.0 | 5 485 | 215.9 | 240 | 35 | 5 350 | 11 795 | 5 000 | 11 025 | 4 500 | 9 920 | 53 | 67 |

# GROUND CONTACT PRESSURE COMPARISON

## Ground pressure comparison between different tire sizes

Both the tire diameter and width have an important role in determining the size of tire contact area. In practice the tire diameter increase has greater effect on machine mobility than the width increase. Due to the variation in operating ground the absolute ground pressure values can be difficult to assess. However the information in this table is useful when comparing the relative performance of different tires.

### CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 600/50-22.5 | | 710/40-22.5 | | 710/40-24.5 | | 500/60-26.5 | | 600/55-26.5 | | 650/60-26.5 | | 650/65-26.5 | | 710/45-26.5 | | 750/55-26.5 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 171 | 46.1 | 1 171 | 46.1 | 1 230 | 48.4 | 1 273 | 50.1 | 1 340 | 52.8 | 1 485 | 58.5 | 1 485 | 58.5 | 1 340 | 52.8 | 1 485 | 58.5 |
| Width | | 601 | 23.7 | 710 | 28.0 | 710 | 28.0 | 503 | 19.8 | 601 | 23.7 | 650 | 25.6 | 650 | 25.6 | 710 | 28.0 | 750 | 29.5 |
| Contact area *) | | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² |
| | | 3 520 | 545.565 | 4 160 | 644.758 | 4 370 | 677.306 | 3 200 | 495.968 | 4 030 | 624.610 | 4 830 | 748.602 | 4 830 | 748.602 | 4 760 | 737.752 | 5 570 | 863.294 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² |
| 500 | 1 100 | 0.14 | 2.02 | 0.12 | 1.71 | 0.11 | 1.62 | 0.16 | 2.22 | 0.12 | 1.76 | 0.10 | 1.47 | 0.10 | 1.47 | 0.11 | 1.49 | 0.09 | 1.27 |
| 1 000 | 2 205 | 0.28 | 4.04 | 0.24 | 3.42 | 0.23 | 3.26 | 0.31 | 4.45 | 0.25 | 3.53 | 0.21 | 2.95 | 0.21 | 2.95 | 0.21 | 2.99 | 0.18 | 2.55 |
| 1 500 | 3 305 | 0.43 | 6.06 | 0.36 | 5.13 | 0.34 | 4.88 | 0.47 | 6.66 | 0.37 | 5.29 | 0.31 | 4.41 | 0.31 | 4.41 | 0.32 | 4.48 | 0.27 | 3.83 |
| 2 000 | 4 410 | 0.57 | 8.08 | 0.48 | 6.84 | 0.46 | 6.51 | 0.63 | 8.89 | 0.50 | 7.06 | 0.41 | 5.89 | 0.41 | 5.89 | 0.42 | 5.98 | 0.36 | 5.11 |
| 2 500 | 5 510 | 0.71 | 10.10 | 0.60 | 8.55 | 0.57 | 8.14 | 0.78 | 11.11 | 0.62 | 8.82 | 0.52 | 7.36 | 0.52 | 7.36 | 0.53 | 7.47 | 0.45 | 6.38 |
| 3 000 | 6 615 | 0.85 | 12.13 | 0.72 | 10.26 | 0.69 | 9.77 | 0.94 | 13.34 | 0.74 | 10.59 | 0.62 | 8.84 | 0.62 | 8.84 | 0.63 | 8.97 | 0.54 | 7.66 |
| 3 500 | 7 715 | 0.99 | 14.14 | 0.84 | 11.97 | 0.80 | 11.39 | 1.09 | 15.56 | 0.87 | 12.35 | 0.72 | 10.31 | 0.72 | 10.31 | 0.74 | 10.46 | 0.63 | 8.94 |
| 4 000 | 8 820 | 1.14 | 16.17 | 0.96 | 13.68 | 0.92 | 13.02 | 1.25 | 17.78 | 0.99 | 14.12 | 0.83 | 11.78 | 0.83 | 11.78 | 0.84 | 11.96 | 0.72 | 10.22 |
| 4 500 | 9 920 | 1.28 | 18.18 | 1.08 | 15.39 | 1.03 | 14.65 | | | 1.12 | 15.88 | 0.93 | 13.25 | 0.93 | 13.25 | 0.95 | 13.45 | 0.81 | 11.49 |
| 5 000 | 11 025 | 1.42 | 20.21 | | | 1.14 | 16.28 | | | 1.24 | 17.65 | 1.04 | 14.73 | 1.04 | 14.73 | 1.05 | 14.94 | 0.90 | 12.77 |
| 5 500 | 12 125 | 1.56 | 22.22 | | | 1.26 | 17.90 | | | 1.36 | 19.41 | 1.14 | 16.20 | 1.14 | 16.20 | 1.16 | 16.44 | 0.99 | 14.05 |
| 6 000 | 13 230 | | | | | 1.37 | 19.53 | | | 1.49 | 21.18 | 1.24 | 17.67 | 1.24 | 17.67 | 1.26 | 17.93 | 1.08 | 15.33 |
| 6 500 | 14 330 | | | | | | | | | 1.61 | 22.94 | 1.35 | 19.14 | 1.35 | 19.14 | 1.37 | 19.42 | 1.17 | 16.60 |
| 7 000 | 15 430 | | | | | | | | | | | 1.45 | 20.61 | 1.45 | 20.61 | 1.47 | 20.91 | 1.26 | 17.87 |
| 7 500 | 16 535 | | | | | | | | | | | 1.55 | 22.09 | 1.55 | 22.09 | 1.58 | 22.41 | 1.35 | 19.15 |
| 8 000 | 17 635 | | | | | | | | | | | 1.66 | 23.56 | 1.66 | 23.56 | | | 1.44 | 20.43 |
| 8 500 | 18 740 | | | | | | | | | | | | | 1.76 | 25.03 | | | 1.53 | 21.71 |
| 9 000 | 19 840 | | | | | | | | | | | | | | | | | 1.62 | 22.98 |
| 9 500 | 20 945 | | | | | | | | | | | | | | | | | 1.71 | 24.26 |
| 10 000 | 22 045 | | | | | | | | | | | | | | | | | 1.80 | 25.54 |

*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# GROUND CONTACT PRESSURE COMPARISON

## CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 780/55-26.5 | | 800/50R26.5 | | 710/55-28.5 | | 780/50-28.5 | | 800/40-26.5 | | 600/65-34 | | 700/55-34 | | 700/70-34 | | 23.1-26 | | 28L-26 | | 30.5L-32 | | 620/75-26 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 485 | 58.5 | 1 485 | 58.5 | 1 525 | 60.0 | 1 525 | 60.0 | 1 340 | 52.8 | 1 644 | 64.7 | 1 485 | 58.5 | 1 844 | 72.6 | 1 632 | 64.3 | 1 644 | 64.7 | 1 857 | 73.1 | 1 590 | 62.6 |
| Width | | 780 | 30.7 | 800 | 31.5 | 710 | 28.0 | 780 | 30.7 | 800 | 31.5 | 600 | 23.6 | 700 | 27.6 | 700 | 27.6 | 587 | 23.1 | 714 | 28.1 | 775 | 30.5 | 625 | 24.6 |
| Contact area *) | | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ |
| | | 5 790 | 897.392 | 5 940 | 920.6406 | 5 410 | 838.4959 | 5 950 | 922.1905 | 5 360 | 830.7464 | 4 930 | 764.101 | 5 200 | 805.948 | 6 450 | 999.686 | 4 790 | 742.402 | 5 870 | 909.791 | 7 200 | 1 115.93 | 4 970 | 770.300 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ |
| 500 | 1 100 | 0.09 | 1.23 | 0.08 | 1.19 | 0.09 | 1.31 | 0.08 | 1.19 | 0.09 | 1.32 | 0.10 | 1.44 | 0.10 | 1.36 | 0.08 | 1.10 | 0.14 | 2.02 | 0.12 | 1.71 | 0.11 | 1.62 | 0.16 | 2.22 |
| 1 000 | 2 205 | 0.17 | 2.46 | 0.17 | 2.40 | 0.18 | 2.63 | 0.17 | 2.39 | 0.19 | 2.65 | 0.20 | 2.89 | 0.19 | 2.74 | 0.16 | 2.21 | 0.28 | 4.04 | 0.24 | 3.42 | 0.23 | 3.26 | 0.31 | 4.45 |
| 1 500 | 3 305 | 0.26 | 3.68 | 0.25 | 3.59 | 0.28 | 3.94 | 0.25 | 3.58 | 0.28 | 3.98 | 0.30 | 4.33 | 0.29 | 4.10 | 0.23 | 3.31 | 0.43 | 6.06 | 0.36 | 5.13 | 0.34 | 4.88 | 0.47 | 6.66 |
| 2 000 | 4 410 | 0.35 | 4.91 | 0.34 | 4.79 | 0.37 | 5.26 | 0.34 | 4.78 | 0.37 | 5.31 | 0.41 | 5.77 | 0.38 | 5.47 | 0.31 | 4.41 | 0.57 | 8.08 | 0.48 | 6.84 | 0.46 | 6.51 | 0.63 | 8.89 |
| 2 500 | 5 510 | 0.43 | 6.14 | 0.42 | 5.98 | 0.46 | 6.57 | 0.42 | 5.97 | 0.47 | 6.63 | 0.51 | 7.21 | 0.48 | 6.84 | 0.39 | 5.51 | 0.71 | 10.10 | 0.60 | 8.55 | 0.57 | 8.14 | 0.78 | 11.11 |
| 3 000 | 6 615 | 0.52 | 7.37 | 0.51 | 7.19 | 0.55 | 7.89 | 0.50 | 7.17 | 0.56 | 7.96 | 0.61 | 8.66 | 0.58 | 8.21 | 0.47 | 6.62 | 0.85 | 12.13 | 0.72 | 10.26 | 0.69 | 9.77 | 0.94 | 13.34 |
| 3 500 | 7 715 | 0.60 | 8.60 | 0.59 | 8.38 | 0.65 | 9.20 | 0.59 | 8.37 | 0.65 | 9.29 | 0.71 | 10.10 | 0.67 | 9.57 | 0.54 | 7.72 | 0.99 | 14.14 | 0.84 | 11.97 | 0.80 | 11.39 | 1.09 | 15.56 |
| 4 000 | 8 820 | 0.69 | 9.83 | 0.67 | 9.58 | 0.74 | 10.52 | 0.67 | 9.56 | 0.75 | 10.62 | 0.81 | 11.54 | 0.77 | 10.94 | 0.62 | 8.82 | 1.14 | 16.17 | 0.96 | 13.68 | 0.92 | 13.02 | 1.25 | 17.78 |
| 4 500 | 9 920 | 0.78 | 11.05 | 0.76 | 10.78 | 0.83 | 11.83 | 0.76 | 10.76 | 0.84 | 11.94 | 0.91 | 12.98 | 0.87 | 12.31 | 0.70 | 9.92 | 1.28 | 18.18 | 1.08 | 15.39 | 1.03 | 14.65 | 1.41 | 20.00 |
| 5 000 | 11 025 | 0.86 | 12.29 | 0.84 | 11.98 | 0.92 | 13.15 | 0.84 | 11.96 | 0.93 | 13.27 | 1.01 | 14.43 | 0.96 | 13.68 | 0.78 | 11.03 | 1.42 | 20.21 | 1.20 | 17.10 | 1.14 | 16.28 | 1.56 | 22.23 |
| 5 500 | 12 125 | 0.95 | 13.51 | 0.93 | 13.17 | 1.02 | 14.46 | 0.92 | 13.15 | 1.03 | 14.60 | | | 1.06 | 15.04 | 0.85 | 12.13 | 1.56 | 22.22 | 1.32 | 18.81 | 1.26 | 17.90 | 1.72 | 24.45 |
| 6 000 | 13 230 | 1.04 | 14.74 | 1.01 | 14.37 | 1.11 | 15.78 | 1.01 | 14.35 | 1.12 | 15.93 | | | 1.15 | 16.42 | 0.93 | 13.23 | 1.70 | 24.25 | 1.44 | 20.52 | 1.37 | 19.53 | | |
| 6 500 | 14 330 | 1.12 | 15.97 | 1.09 | 15.57 | 1.20 | 17.09 | 1.09 | 15.54 | 1.21 | 17.25 | | | | | 1.01 | 14.33 | | | | | 1.49 | 21.16 | | |
| 7 000 | 15 430 | 1.21 | 17.19 | 1.18 | 16.76 | 1.29 | 18.40 | 1.18 | 16.73 | | | | | | | 1.09 | 15.43 | | | | | 1.60 | 22.78 | | |
| 7 500 | 16 535 | 1.30 | 18.43 | 1.26 | 17.96 | 1.39 | 19.72 | 1.26 | 17.93 | | | | | | | | | | | | | 1.72 | 24.41 | | |
| 8 000 | 17 635 | 1.38 | 19.65 | 1.35 | 19.16 | 1.48 | 21.03 | 1.34 | 19.12 | | | | | | | | | | | | | 1.83 | 26.04 | | |
| 8 500 | 18 740 | 1.47 | 20.88 | 1.43 | 20.36 | 1.57 | 22.35 | 1.43 | 20.32 | | | | | | | | | | | | | | | | |
| 9 000 | 19 840 | 1.55 | 22.11 | 1.52 | 21.55 | 1.66 | 23.66 | 1.51 | 21.51 | | | | | | | | | | | | | | | | |
| 9 500 | 20 945 | 1.64 | 23.34 | 1.60 | 22.75 | 1.76 | 24.98 | 1.60 | 22.71 | | | | | | | | | | | | | | | | |
| 10 000 | 22 045 | 1.73 | 24.57 | 1.68 | 23.95 | 1.85 | 26.29 | 1.68 | 23.91 | | | | | | | | | | | | | | | | |

*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# GROUND CONTACT PRESSURE COMPARISON

## CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 500/70-28 | | 540/70-30 | | 600/70-38 | | 650/75-38 | | 16.9-28 | | 16.9-30 | | 16.9-34 | | 18.4-34 | | 18.4-38 | | 20.8-38 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 405 | 55.3 | 1 515 | 59.6 | 1 820 | 71.7 | 1 965 | 77.4 | 1 435 | 56.5 | 1 485 | 58.5 | 1 585 | 62.4 | 1 650 | 65.0 | 1 750 | 68.9 | 1 840 | 72.4 |
| Width | | 503 | 19.8 | 540 | 21.3 | 611 | 24.1 | 650 | 25.6 | 429 | 16.9 | 429 | 16.9 | 429 | 16.9 | 467 | 18.4 | 467 | 18.4 | 528 | 20.8 |
| Contact area *) | | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ |
| | | 3 530 | 547.115 | 4 090 | 633.909 | 5 560 | 861.744 | 6 390 | 990.386 | 3 080 | 477.369 | 3 190 | 494.418 | 3 400 | 526.966 | 3 850 | 596.712 | 4 090 | 633.909 | 4 860 | 753.251 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ |
| 500 | 1 100 | 0.12 | 1.76 | 0.10 | 1.47 | 0.10 | 1.47 | 0.11 | 1.49 | 0.09 | 1.27 | 0.09 | 1.23 | 0.09 | 1.32 | 0.10 | 1.44 | 0.10 | 1.36 | 0.08 | 1.10 |
| 1 000 | 2 205 | 0.25 | 3.53 | 0.21 | 2.95 | 0.21 | 2.95 | 0.21 | 2.99 | 0.18 | 2.55 | 0.17 | 2.46 | 0.19 | 2.65 | 0.20 | 2.89 | 0.19 | 2.74 | 0.16 | 2.21 |
| 1 500 | 3 305 | 0.37 | 5.29 | 0.31 | 4.41 | 0.31 | 4.41 | 0.32 | 4.48 | 0.27 | 3.83 | 0.26 | 3.68 | 0.28 | 3.98 | 0.30 | 4.33 | 0.29 | 4.10 | 0.23 | 3.31 |
| 2 000 | 4 410 | 0.50 | 7.06 | 0.41 | 5.89 | 0.41 | 5.89 | 0.42 | 5.98 | 0.36 | 5.11 | 0.35 | 4.91 | 0.37 | 5.31 | 0.41 | 5.77 | 0.38 | 5.47 | 0.31 | 4.41 |
| 2 500 | 5 510 | 0.62 | 8.82 | 0.52 | 7.36 | 0.52 | 7.36 | 0.53 | 7.47 | 0.45 | 6.38 | 0.43 | 6.14 | 0.47 | 6.63 | 0.51 | 7.21 | 0.48 | 6.84 | 0.39 | 5.51 |
| 3 000 | 6 615 | 0.74 | 10.59 | 0.62 | 8.84 | 0.62 | 8.84 | 0.63 | 8.97 | 0.54 | 7.66 | 0.52 | 7.37 | 0.56 | 7.96 | 0.61 | 8.66 | 0.58 | 8.21 | 0.47 | 6.62 |
| 3 500 | 7 715 | 0.87 | 12.35 | 0.72 | 10.31 | 0.72 | 10.31 | 0.74 | 10.46 | 0.63 | 8.94 | 0.60 | 8.60 | 0.65 | 9.29 | 0.71 | 10.10 | 0.67 | 9.57 | 0.54 | 7.72 |
| 4 000 | 8 820 | 0.99 | 14.12 | 0.83 | 11.78 | 0.83 | 11.78 | 0.84 | 11.96 | | | | | 0.75 | 10.62 | 0.81 | 11.54 | 0.77 | 10.94 | 0.62 | 8.82 |
| 4 500 | 9 920 | | | 0.93 | 13.25 | 0.93 | 13.25 | 0.95 | 13.45 | | | | | | | 0.91 | 12.98 | 0.87 | 12.31 | 0.70 | 9.92 |
| 5 000 | 11 025 | | | | | 1.04 | 14.73 | 1.05 | 14.94 | | | | | | | | | | | 0.78 | 11.03 |
| 5 500 | 12 125 | | | | | 1.14 | 16.20 | 1.16 | 16.44 | | | | | | | | | | | 0.85 | 12.13 |
| 6 000 | 13 230 | | | | | 1.24 | 17.67 | 1.26 | 17.93 | | | | | | | | | | | | |
| 6 500 | 14 330 | | | | | 1.35 | 19.14 | 1.37 | 19.42 | | | | | | | | | | | | |
| 7 000 | 15 430 | | | | | | | 1.47 | 20.91 | | | | | | | | | | | | |
| 7 500 | 16 535 | | | | | | | | | | | | | | | | | | | | |
| 8 000 | 17 635 | | | | | | | | | | | | | | | | | | | | |
| 8 500 | 18 740 | | | | | | | | | | | | | | | | | | | | |
| 9 000 | 19 840 | | | | | | | | | | | | | | | | | | | | |
| 9 500 | 20 945 | | | | | | | | | | | | | | | | | | | | |

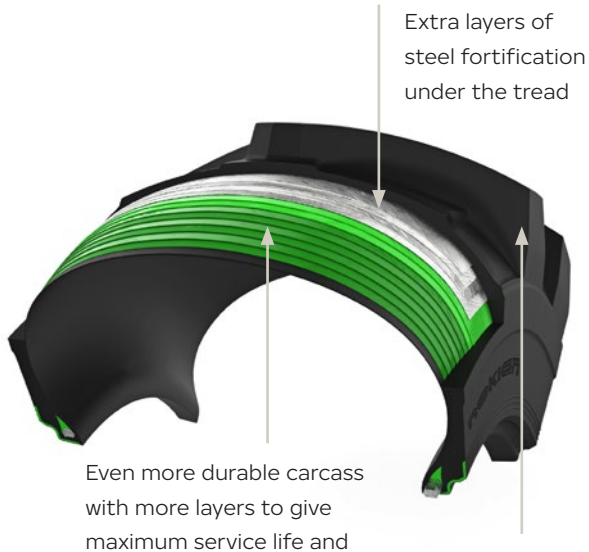
*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# NOKIAN LOGGER KING LS-2




## Skidder tire for the hardest conditions and the biggest machinery

Nokian Logger King has more than enough rubber and steel to take the beating and stabbing of the heaviest skidder use – day after day. But it also features some clever design and new rubber compound to maximize the grip, durability and self cleaning properties. Rugged but clever, Nokian Logger King offers more grip and longer service life in the extreme conditions.




- Steel breakers for extreme puncture resistance (including the shoulder area)
- Ultra-durable, high-strength multilayer textile carcass
- Special rubber compound designed for forestry use
- Unique single wire bead construction for easier on-site assembly and even rim flange loading
- Special bead rubber compound minimizes the possibility of rim slip
- Extreme-version designed for hardest conditions and for the biggest machines
- Extra layers of steel fortification under the tread against punctures
- Even more durable carcass with more layers to give maximum service life and minimum downtime
- Special design rubber compound to hardest and extreme cold conditions

## Sizes

* Extreme version

- Nokian Logger King LS-2 23.1-26 16PR – T445616
- Nokian Logger King LS-2 28L-26 20PR – T445615
- Nokian Logger King LS-2 24.5-32 20PR – T445614
- Nokian Logger King LS-2 30.5L-32 20PR – T445621
- Nokian Logger King LS-2 30.5L-32* 26PR – T445613
- Nokian Logger King LS-2 35.5L-32* 26PR – T445620



# Nokian Logger King LS-2 23.1-26 16PR – T445616

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445616 | 23.1-26 | 16 | 160 A6 | LS-2 | SF | TL | DW20B | 587 | 23.1 | 1 632 | 64.3 | 734 | 28.9 | 4 863 | 191.5 | 4 500 | 9 900 | 240 | 35 | 6 300 | 13 900 | 280 | 40 | 54 | 68 | 47 | 59 |

* Calculation based on TRA standard Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 6 450 | 2 950 | 7 150 | 3 250 | 7 870 | 3 550 | 8 580 | 3 900 | 25 | 170 | 10 000 | 4 550 |
| 25 | 170 | 7 450 | 3 400 | 8 250 | 3 750 | 9 080 | 4 100 | 9 900 | 4 500 | 30 | 210 | 11 600 | 5 250 |
| 30 | 210 | 8 200 | 3 700 | 9 100 | 4 150 | 10 010 | 4 550 | 10 920 | 4 950 | 35 | 240 | 12 700 | 5 750 |
| 35 | 240 | 8 900 | 4 050 | 9 900 | 4 500 | 10 890 | 4 950 | 11 880 | 5 400 | 40 | 280 | 13 900 | 6 300 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 640 | 170 | 480 | 125 | 394 | 104 | 201 | 445 | 595 | 1 310 |

Maximum inflation pressure 40 psi / 280 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Logger King LS-2 28L-26 20PR – T445615

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445615 | 28L-26 | 20 | 165 A6 | LS-2 | SF | TL | DW25B | 714 | 28.1 | 1 644 | 64.7 | 737 | 29 | 4 932 | 194.2 | 5 150 | 11 400 | 240 | 35 | 7 250 | 16 000 | 280 | 40 | 58 | 73 | 51 | 64 |

* Calculation based on TRA standard Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 7 450 | 3 400 | 8 250 | 3 750 | 9 080 | 4 100 | 9 900 | 4 500 | 25 | 170 | 11 600 | 5 250 |
| 25 | 170 | 8 400 | 3 800 | 9 350 | 4 250 | 10 290 | 4 650 | 11 220 | 5 100 | 30 | 210 | 13 100 | 5 950 |
| 30 | 210 | 9 450 | 4 300 | 10 500 | 4 750 | 11 550 | 5 250 | 12 600 | 5 700 | 35 | 240 | 14 700 | 6 650 |
| 35 | 240 | 10 250 | 4 650 | 11 400 | 5 150 | 12 540 | 5 700 | 13 680 | 6 200 | 40 | 280 | 16 000 | 7 250 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 780 | 205 | 585 | 155 | 480 | 127 | 245 | 540 | 725 | 1 600 |

Maximum inflation pressure 40 psi / 280 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55101 | TR 218 A |



# Nokian Logger King LS-2 24.5-32 20PR – T445614

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445614 | 24.5-32 | 20 | 169 A6 | LS-2 | SF | TL | DH 21 | 622 | 24.5 | 1 831 | 72.1 | 829 | 32.6 | 5 454 | 214.7 | 5 850 | 12 900 | 280 | 40 | 8 200 | 18 100 | 310 | 45 | 58 | 73 | 51 | 64 |

* Calculation based on TRA standard

Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 7 900 | 3 600 | 8 800 | 4 000 | 9 680 | 4 400 | 10 560 | 4 800 | 25 | 170 | 12 300 | 5 600 |
| 25 | 170 | 8 900 | 4 050 | 9 900 | 4 500 | 10 890 | 4 950 | 11 880 | 5 400 | 30 | 210 | 13 900 | 6 300 |
| 30 | 210 | 9 900 | 4 500 | 11 000 | 5 000 | 12 100 | 5 500 | 13 200 | 6 000 | 35 | 240 | 15 400 | 7 000 |
| 35 | 240 | 10 800 | 4 900 | 12 000 | 5 450 | 13 200 | 6 000 | 14 400 | 6 550 | 40 | 280 | 16 800 | 7 600 |
| 40 | 275 | 11 600 | 5 250 | 12 900 | 5 850 | 14 190 | 6 450 | 15 480 | 7 000 | 45 | 310 | 18 100 | 8 200 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 820 | 215 | 615 | 160 | 505 | 133 | 257 | 565 | 762 | 1 680 |

Maximum inflation pressure 45 psi / 310 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55393 | TR 218 A |



# Nokian Logger King LS-2 30.5L-32 20PR – T445621

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445621 | 30.5L-32 | 20 | 170 A6 | LS-2 | SF | TL | DH 27 | 775 | 30.5 | 1 847 | 72.7 | 834 | 32.8 | 5 529 | 217.7 | 6 000 | 13 200 | 210 | 30 | 8 400 | 18 500 | 240 | 35 | 67 | 85 | 60 | 76 |

* Calculation based on TRA standard

Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 9 450 | 4 300 | 10 500 | 4 750 | 11 550 | 5 250 | 12 600 | 5 700 | 25 | 170 | 14 700 | 6 650 |
| 25 | 170 | 10 550 | 4 800 | 11 700 | 5 300 | 12 870 | 5 850 | 14 040 | 6 350 | 30 | 210 | 16 400 | 7 450 |
| 30 | 210 | 11 900 | 5 400 | 13 200 | 6 000 | 14 520 | 6 600 | 15 840 | 7 200 | 35 | 240 | 18 500 | 8 400 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 040 | 275 | 780 | 205 | 640 | 169 | 326 | 720 | 966 | 2 130 |

Maximum inflation pressure 35 psi / 240 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Logger King LS-2 30.5L-32* 26PR – T445613

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity** | | Inflation pressure | | Load capacity** | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445613 | 30.5L-32* | 26 | 176 A6 | LS-2 | SF | TL | DH 27 | 775 | 30.5 | 1 847 | 72.7 | 829 | 32.6 | 5 523 | 217.4 | 7 100 | 15 700 | 280 | 40 | 10 000 | 22 000 | 310 | 45 | 67 | 85 | 60 | 76 |

* Extreme version

** Calculation based on TRA standard

Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 9 450 | 4 300 | 10 500 | 4 750 | 11 550 | 5 250 | 12 600 | 5 700 | 25 | 170 | 14 700 | 6 650 |
| 25 | 170 | 10 550 | 4 800 | 11 700 | 5 300 | 12 870 | 5 850 | 14 040 | 6 350 | 30 | 210 | 16 400 | 7 450 |
| 30 | 210 | 11 900 | 5 400 | 13 200 | 6 000 | 14 520 | 6 600 | 15 840 | 7 200 | 35 | 240 | 18 500 | 8 400 |
| 35 | 240 | 12 850 | 5 850 | 14 300 | 6 500 | 15 730 | 7 150 | 17 160 | 7 800 | 40 | 280 | 20 000 | 9 050 |
| 40 | 275 | 14 150 | 6 400 | 15 700 | 7 100 | 17 270 | 7 850 | 18 840 | 8 550 | 45 | 310 | 22 000 | 10 000 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 040 | 275 | 780 | 205 | 640 | 169 | 326 | 720 | 966 | 2 130 |

Maximum inflation pressure 45 psi / 310 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Logger King LS-2 35.5L-32* 26PR – T445620

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity** | | Inflation pressure | | Load capacity** | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445620 | 35.5L-32* | 26 | 183 A6 | LS-2 | SF | TL | DH 31 | 902 | 35.5 | 2 011 | 79.2 | 901 | 35.5 | 6 032 | 237.5 | 8 750 | 19 300 | 240 | 35 | 12 250 | 27 000 | 280 | 40 | 67 | 85 | 60 | 76 |

* Extreme version

** Calculation based on TRA standard

Minimum inflation pressure 20 psi / 140 kPa

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Log Skidder Drive wheel (other than on Cable or Grapple skidder) | | | | | | | | | | Log Skidder Drive Wheel for Cable and Grapple Skidders | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflation Pressure | | Transport Service | | Transport Service* | | Transport Service | | Transport Service | | Inflation Pressure | | Forestry Service | |
| | | 25 mph | 40 km/h | 20 mph | 30 km/h | 15 mph | 25 km/h | 5 mph | 10 km/h | | | 5 mph | 10 km/h |
| psi | kPa | lbs | kg | lbs | kg | lbs | kg | lbs | kg | psi | kPa | lbs | kg |
| 20 | 140 | 12 500 | 5 650 | 13 900 | 6 300 | 15 290 | 6 950 | 16 680 | 7 550 | 25 | 170 | 19 500 | 8 850 |
| 25 | 170 | 14 500 | 6 600 | 16 100 | 7 300 | 17 710 | 8 050 | 19 320 | 8 750 | 30 | 210 | 22 500 | 10 200 |
| 30 | 210 | 15 850 | 7 200 | 17 600 | 8 000 | 19 360 | 8 800 | 21 120 | 9 600 | 35 | 240 | 24 600 | 11 150 |
| 35 | 240 | 17 350 | 7 850 | 19 300 | 8 750 | 21 230 | 9 650 | 23 160 | 10 500 | 40 | 280 | 27 000 | 12 250 |

Calculation based on TRA standard.
*In logging and forestry service max operating speed 20 mph / 30 km/h and load values in above table are valid.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 490 | 395 | 1 120 | 295 | 917 | 242 | 467 | 1 030 | 1 384 | 3 050 |

Maximum inflation pressure 40 psi / 280 kPa.

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55879 | TR 218 A |



# Nokian Logger King LS-2 – all sizes

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | LI | Pattern Logger King | Steel fortified | TT/TL | Recommended rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 20 mph / 30 km/h | | | | 5 mph / 10 km/h | | | | Tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | Load capacity** | | Inflation pressure | | Load capacity** | | Inflation pressure | | | | | |
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445616 | 23.1-26 | 16 | 160 A6 | LS-2 | SF | TL | DW20B | 587 | 23.1 | 1 632 | 64.3 | 734 | 28.9 | 4 863 | 191.5 | 4 500 | 9 900 | 240 | 35 | 6 300 | 13 900 | 280 | 40 | 54 | 68 | 47 | 59 |
| T445615 | 28L-26 | 20 | 165 A6 | LS-2 | SF | TL | DW25B | 714 | 28.1 | 1 644 | 64.7 | 737 | 29 | 4 932 | 194.2 | 5 150 | 11 400 | 240 | 35 | 7 250 | 16 000 | 280 | 40 | 58 | 73 | 51 | 64 |
| T445614 | 24.5-32 | 20 | 169 A6 | LS-2 | SF | TL | DH 21 | 622 | 24.5 | 1 831 | 72.1 | 829 | 32.6 | 5 454 | 214.7 | 5 850 | 12 900 | 280 | 40 | 8 200 | 18 100 | 310 | 45 | 58 | 73 | 51 | 64 |
| T445621 | 30.5L-32 | 20 | 170 A6 | LS-2 | SF | TL | DH 27 | 775 | 30.5 | 1 847 | 72.7 | 834 | 32.8 | 5 529 | 217.7 | 6 000 | 13 200 | 210 | 30 | 8 400 | 18 500 | 240 | 35 | 67 | 85 | 60 | 76 |
| T445613 | 30.5L-32* | 26 | 176 A6 | LS-2 | SF | TL | DH 27 | 775 | 30.5 | 1 847 | 72.7 | 829 | 32.6 | 5 523 | 217.4 | 7 100 | 15 700 | 280 | 40 | 10 000 | 22 000 | 310 | 45 | 67 | 85 | 60 | 76 |
| T445620 | 35.5L-32* | 26 | 183 A6 | LS-2 | SF | TL | DH 31 | 902 | 35.5 | 2 011 | 79.2 | 901 | 35.5 | 6 032 | 237.5 | 8 750 | 19 300 | 240 | 35 | 12 250 | 27 000 | 280 | 40 | 67 | 85 | 60 | 76 |

* Extreme version

** Calculation based on TRA standard

Minimum inflation pressure 20 psi / 140 kPa

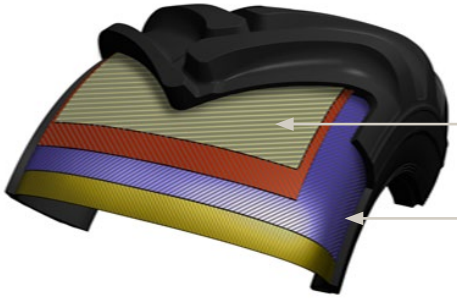
# NOKIAN FOREST KING TRS LS-2




## Nokian Forest King TRS LS-2

A forestry machine traction tire with a strong traction bar and excellent grip. Well-cleaning, open-centre tread design. Durable special rubber compound and efficient steel fortification.

- Tires for log skidders, wide tread with high traction lugs
- Special cut and crack resistant compound
- Steel fortification against punctures



## Diagonal Forestry Tire

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



Nokian Forest King TRS tread depth measuring point on top of tie-bar

## Sizes

- Nokian Forest King TRS LS-2 23.1-26 16PR – T486510
- Nokian Forest King TRS LS-2 28L-26 16PR – T445248
- Nokian Forest King TRS LS-2 28L-26 26PR – T445516
- Nokian Forest King TRS LS-2 24.5-32 16PR – T486800
- Nokian Forest King TRS LS-2 30.5L-32 18PR – T445373
- Nokian Forest King TRS LS-2 30.5L-32 20PR – T445529
- Nokian Forest King TRS LS-2 30.5L-32 26PR – T445515
- Nokian Forest King TRS LS-2 35.5L-32 26PR – T445539



# Nokian Forest King TRS LS-2 23.1-26 16PR – T486510

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486510 | 23.1-26 | 16 | TRS LS-2 | SF | TT | DW20B | 587 | 23.1 | 1 632 | 64.3 | 736 | 29.0 | 4 857 | 191.2 | 6 300 | 13 890 | 280 | 41 | 4 500 | 9 920 | 240 | 35 | 54 | 68 | 51 | 64 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 655 | 175 | 490 | 130 | 403 | 106 | 205 | 450 | 609 | 1345 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55102 | TR 218 A |



# Nokian Forest King TRS LS-2 28L-26 16PR – T445248

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445248 | 28L-26 | 16 | TRS LS-2 | SF | TT | DW25B | 714 | 28.1 | 1 644 | 64.7 | 756 | 29.8 | 4 855 | 191.1 | 5 900 | 13 005 | 220 | 32 | 4 530 | 9 985 | 190 | 28 | 53 | 67 | 49 | 62 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 800 | 210 | 600 | 160 | 492 | 130 | 251 | 555 | 743 | 1 640 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55101 | TR 218 A |



# Nokian Forest King TRS LS-2 28L-26 26PR – T445516

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445516 | 28L-26 | 26 | TRS LS-2 | SF | TL | DW25B | 714 | 28.1 | 1 644 | 64.7 | 733 | 28.9 | 4 945 | 194.7 | 9 200 | 20 280 | 400 | 58 | 6 550 | 14 440 | 340 | 49 | 53 | 67 | 49 | 62 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 800 | 210 | 600 | 160 | 492 | 130 | 251 | 555 | 743 | 1 640 |

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55101 | TR 218 A |



# Nokian Forest King TRS LS-2 24.5-32 16PR – T486800

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486800 | 24.5-32 | 16 | TRS LS-2 | SF | TT | DH21 | 622 | 24.5 | 1 831 | 72.1 | 825 | 32.5 | 5 397 | 212.5 | 7 000 | 15 430 | 240 | 35 | 5 000 | 11 025 | 210 | 30 | | | | |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 835 | 220 | 625 | 165 | 514 | 136 | 262 | 580 | 776 | 1 710 |

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55393 | TR 218 A |



# Nokian Forest King TRS LS-2 30.5L-32 18PR – T445373

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445373 | 30.5L-32 | 18 | TRS LS-2 | SF | TT | DH 27 | 775 | 30.5 | 1 857 | 73.1 | 839 | 33.0 | 5 484 | 215.9 | 7 790 | 17 175 | 230 | 33 | 5 990 | 13 205 | 200 | 29 | 57 | 72 | 54 | 68 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 090 | 290 | 820 | 215 | 671 | 177 | 342 | 755 | 1 013 | 2 235 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Forest King TRS LS-2 30.5L-32 20PR – T445529

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445529 | 30.5L-32 | 20 | TRS LS-2 | SF | TL | DH 27 | 795 | 31.3 | 1 853 | 73.0 | 824 | 32.4 | 5 492 | 216.2 | 8 400 | 18 520 | 240 | 35 | 6 000 | 13 230 | 210 | 30 | 57 | 72 | 54 | 68 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 090 | 290 | 820 | 215 | 671 | 177 | 342 | 755 | 1 013 | 2 235 |

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Forest King TRS LS-2 30.5L-32 26PR – T445515

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445515 | 30.5L-32 | 26 | TRS LS-2 | SF | TL | DH 27 | 795 | 31.3 | 1 853 | 73.0 | 823 | 32.4 | 5 510 | 216.9 | 10 000 | 22 045 | 310 | 45 | 7 100 | 15 655 | 280 | 41 | 57 | 72 | 54 | 68 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 090 | 290 | 820 | 215 | 671 | 177 | 342 | 755 | 1 013 | 2 235 |

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| T55388 | TR 218 A |



# Nokian Forest King TRS LS-2 35.5L-32 26PR – T445539

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445539 | 35.5L-32** | 26 | TRS LS-2 | SF | TL | DH 31 | 902 | 35.5 | 2 011 | 79.2 | 901 | 35.5 | 6 026 | 237.2 | 12 150 | 26 785 | 280 | 41 | 8 750 | 19 290 | 240 | 35 | 57 | 72 | 54 | 68 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

****) Note!** New pattern.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 490 | 395 | 1 120 | 295 | 917 | 242 | 467 | 1 030 | 1 384 | 3 050 |

## TUBES AND VALVES

| Tube product code | Valve tube-type |
|---|---|
| For 35.5L-32 Nokian tube not available | |



# Nokian Forest King TRS LS-2 – all sizes

SF = STEEL FORTIFIED TT = TUBE-TYPE, to be fitted with tube TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern Forest King | Steel fortified | TT/TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | 10 km/h / 5 mph | | | | 30 km/h / 20 mph | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | Load capacity* | | Inflation pressure | | Load capacity* | | Inflation pressure | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kg | lbs | kPa | psi | kg | lbs | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T486510 | 23.1-26 | 16 | TRS LS-2 | SF | TT | DW20B | 587 | 23.1 | 1 632 | 64.3 | 736 | 29.0 | 4 857 | 191.2 | 6 300 | 13 890 | 280 | 41 | 4 500 | 9 920 | 240 | 35 | 54 | 68 | 51 | 64 |
| T445248 | 28L-26 | 16 | TRS LS-2 | SF | TT | DW25B | 714 | 28.1 | 1 644 | 64.7 | 756 | 29.8 | 4 855 | 191.1 | 5 900 | 13 005 | 220 | 32 | 4 530 | 9 985 | 190 | 28 | 53 | 67 | 49 | 62 |
| T445516 | 28L-26 | 26 | TRS LS-2 | SF | TL | DW25B | 714 | 28.1 | 1 644 | 64.7 | 733 | 28.9 | 4 945 | 194.7 | 9 200 | 20 280 | 400 | 58 | 6 550 | 14 440 | 340 | 49 | 53 | 67 | 49 | 62 |
| T486800 | 24.5-32 | 16 | TRS LS-2 | SF | TT | DH21 | 622 | 24.5 | 1 831 | 72.1 | 825 | 32.5 | 5 397 | 212.5 | 7 000 | 15 430 | 240 | 35 | 5 000 | 11 025 | 210 | 30 | | | | |
| T445373 | 30.5L-32 | 18 | TRS LS-2 | SF | TT | DH 27 | 775 | 30.5 | 1 857 | 73.1 | 839 | 33.0 | 5 484 | 215.9 | 7 790 | 17 175 | 230 | 33 | 5 990 | 13 205 | 200 | 29 | 57 | 72 | 54 | 68 |
| T445529 | 30.5L-32 | 20 | TRS LS-2 | SF | TL | DH 27 | 795 | 31.3 | 1 853 | 73.0 | 824 | 32.4 | 5 492 | 216.2 | 8 400 | 18 520 | 240 | 35 | 6 000 | 13 230 | 210 | 30 | 57 | 72 | 54 | 68 |
| T445515 | 30.5L-32 | 26 | TRS LS-2 | SF | TL | DH 27 | 795 | 31.3 | 1 853 | 73.0 | 823 | 32.4 | 5 510 | 216.9 | 10 000 | 22 045 | 310 | 45 | 7 100 | 15 655 | 280 | 41 | 57 | 72 | 54 | 68 |
| T445539 | 35.5L-32** | 26 | TRS LS-2 | SF | TL | DH 31 | 902 | 35.5 | 2 011 | 79.2 | 901 | 35.5 | 6 026 | 237.2 | 12 150 | 26 785 | 280 | 41 | 8 750 | 19 290 | 240 | 35 | 57 | 72 | 54 | 68 |

***) Note!** The load capacity of imperial sizes is according to the old method of calculation (STRO).

****) Note!** New pattern.

# AGRICULTURAL TIRES

Tractors and other agricultural machines are getting bigger and also faster in transition driving and other such situations. Consequently, low soil compaction and fuel costs are particular focus areas. In response to the quickly changing demands of farming, we are developing new radial products alongside the traditional cross-ply tires. Our extensive range of special agricultural tires provides farmers and the environment with controlled power and gentle efficiency throughout the year, every year.

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## Tractor tires







**128** Nokian TRI 2

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## Other products





**185** Nokian ELS L-1

**187** Nokian Trailer


**NOTICE!**
Manual may contain technical information also on omitted products.

# NOKIAN TRI 2




## Reliable performance all year round

A reliable partner for modern-day farmers and equipment contractors. Excellent grip, high load-bearing capacity and a pleasant driving response. The low rolling resistance efficiently reduces fuel consumption.

- Versatile and environmentally friendly special tire designed for the needs of modern farming and machine contracting
- Excellent grip, high load-bearing capacity and a pleasant driving response
- Sturdy and fast also on the road (max. 65 km/h / 40 mph)
- Good self-cleaning



Nokian TRI 2 tread depth measuring point on top of tie-bar

# NOKIAN TRI 2

## Sizes

- Nokian TRI 2 320/85R28 – T445579
- Nokian TRI 2 250/80R16 – T845495
- Nokian TRI 2 340/80R18 – T445391
- Nokian TRI 2 360/80R20 – T445389
- Nokian TRI 2 300/80R24 – T445419
- Nokian TRI 2 340/80R24 – T445376
- Nokian TRI 2 360/80R24 – T445378
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- Nokian TRI 2 440/80R24 – T445385
- Nokian TRI 2 360/80R28 – T445550
- Nokian TRI 2 400/80R28 – T445383
- Nokian TRI 2 440/80R28 – T445337
- Nokian TRI 2 440/80R30 – T445384
- Nokian TRI 2 480/80R30 – T445386
- Nokian TRI 2 440/80R34 – T445369
- Nokian TRI 2 480/80R34 – T445370
- Nokian TRI 2 480/80R38 – T445377
- Nokian TRI 2 540/80R38 – T445338
- Nokian TRI 2 620/80R42 – T445518
- Nokian TRI 2 270/75R15 – T845538
- Nokian TRI 2 250/75R16 – T845539
- Nokian TRI 2 360/70R20 – T445569
- Nokian TRI 2 500/70R24 – T445467
- Nokian TRI 2 600/70R30 – T445657
- Nokian TRI 2 710/70R42 – T445655
- Nokian TRI 2 420/65R24 – T445392
- Nokian TRI 2 460/65R24 – T445393
- Nokian TRI 2 540/65R24 – T445420
- Nokian TRI 2 480/65R28 – T445444
- Nokian TRI 2 540/65R28 – T445442
- Nokian TRI 2 540/65R30 – T445371
- Nokian TRI 2 600/65R34 – T445656
- Nokian TRI 2 600/65R38 – T445445
- Nokian TRI 2 650/65R38 – T445443
- Nokian TRI 2 650/65R42 – T445390

## Size equivalency

| Nokian TRI 2 dimension | Standard size |
|---|---|
| 250/80R16 | 7.5R16 |
| 340/80R18 | 12.5R18 |
| 360/80R20 | 14.5R20 |
| 300/80R24 | 11.2R24 |
| 340/80R24 | 12.4R24 |
| 360/80R24 | 13.6R24 |
| 400/80R24 | 14.9R24 |
| 440/80R24 | 16.9R24 |
| 360/80R28 | 13.6R28 |
| 400/80R28 | 14.9R28 |
| 440/80R28 | 16.9R28 |
| 440/80R30 | 16.9R30 |
| 480/80R30 | 18.4R30 |
| 440/80R34 | 16.9R34 |
| 480/80R34 | 18.4R34 |
| 480/80R38 | 18.4R38 |
| 540/80R38 | 20.8R38 |
| 620/80R42 | N.A. |
| 270/75R15 | N.A. |
| 250/75R16 | N.A. |
| 500/70R24 | 19.5LR24 |

**Notice!**
Equivalent sizes can be found only on 80 and 70 series tires.



# Nokian TRI 2 320/85R28 – T445579

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Recommended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445579 | 320/85R28 | 136 D | DW10 | W9, W10, DW11 | 319 | 12.6 | 1 250 | 49.2 | 574 | 22.6 | 3 782 | 148.9 | 600 | 320 | 46 | 2 680 | 5 910 | 2 575 | 5 675 | 2 430 | 5 355 | 2 240 | 4 940 | 24 | 30 | 19.5 | 25 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 190 | 4 830 | 2 880 | 6 350 | 3 460 | 7 630 | 4 140 | 9 125 | 4 740 | 10 450 | 5 940 | 13 095 |
| 5 | 2.5 | 1 380 | 3 040 | 1 820 | 4 010 | 2 180 | 4 805 | 2 610 | 5 755 | 2 990 | 6 590 | 3 740 | 8 245 |
| 10 | 5 | 1 190 | 2 625 | 1 570 | 3 460 | 1 880 | 4 145 | 2 250 | 4 960 | 2 580 | 5 690 | 3 220 | 7 100 |
| 15 | 10 | 1 080 | 2 380 | 1 420 | 3 130 | 1 700 | 3 750 | 2 040 | 4 495 | 2 330 | 5 135 | 2 910 | 6 415 |
| 20 | 12.5 | 1 040 | 2 295 | 1 370 | 3 020 | 1 640 | 3 615 | 1 970 | 4 345 | 2 250 | 4 960 | 2 810 | 6 195 |
| 25 | 15 | 1 010 | 2 225 | 1 330 | 2 930 | 1 590 | 3 505 | 1 910 | 4 210 | 2 190 | 4 830 | 2 730 | 6 020 |
| 30 | 20 | 990 | 2 185 | 1 300 | 2 865 | 1 560 | 3 440 | 1 880 | 4 145 | 2 150 | 4 740 | 2 680 | 5 910 |
| 35 | 22.5 | 970 | 2 140 | 1 280 | 2 820 | 1 530 | 3 375 | 1 840 | 4 055 | 2 110 | 4 650 | 2 630 | 5 800 |
| 40 | 25 | 950 | 2 095 | 1 250 | 2 755 | 1 500 | 3 305 | 1 800 | 3 970 | 2 060 | 4 540 | 2 575 | 5 675 |
| 45 | 28 | - | - | 1 220 | 2 690 | 1 460 | 3 220 | 1 750 | 3 860 | 2 000 | 4 410 | 2 500 | 5 510 |
| 50 | 30 | - | - | 1 180 | 2 600 | 1 410 | 3 110 | 1 700 | 3 750 | 1 940 | 4 275 | 2 430 | 5 355 |
| 65 | 40 | - | - | 1 090 | 2 405 | 1 320 | 2 910 | 1 550 | 3 415 | 1 800 | 3 970 | 2 240 | 4 940 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 48 | 135 | 36 | 111 | 29 | 56 | 125 | 167 | 370 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 250/80R16 – T845495

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T845495 | 250/80R16[1]) | 119 G | W8 | W7, 7J, 7.5J, 8J, 8.5J, W9, 9, 9.00, 9J | 268 | 10.6 | 814 | 32.0 | 383 | 15.1 | 2 488 | 98.0 | 390 | 450 | 65 | 1 820 | 4 010 | 1 750 | 3 860 | 1 650 | 3 640 | 1 550 | 3 415 | 17 | 21 | 13.5 | 17 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 120 | 2 470 | 1 420 | 3 130 | 1 730 | 3 815 | 2 070 | 4 565 | 2 370 | 5 225 | 3 040 | 6 700 | 3 680 | 8 115 | 4 040 | 8 905 |
| 5 | 2.5 | 710 | 1 565 | 895 | 1 975 | 1 090 | 2 405 | 1 310 | 2 890 | 1 500 | 3 305 | 1 920 | 4 235 | 2 320 | 5 115 | 2 540 | 5 600 |
| 10 | 5 | 610 | 1 345 | 770 | 1 700 | 940 | 2 070 | 1 130 | 2 490 | 1 290 | 2 845 | 1 650 | 3 640 | 2 000 | 4 410 | 2 190 | 4 830 |
| 15 | 10 | 550 | 1 215 | 695 | 1 530 | 850 | 1 875 | 1 020 | 2 250 | 1 170 | 2 580 | 1 500 | 3 305 | 1 810 | 3 990 | 1 980 | 4 365 |
| 20 | 12.5 | 535 | 1 180 | 670 | 1 475 | 820 | 1 810 | 985 | 2 170 | 1 130 | 2 490 | 1 440 | 3 175 | 1 750 | 3 860 | 1 910 | 4 210 |
| 25 | 15 | 520 | 1 145 | 655 | 1 445 | 795 | 1 755 | 955 | 2 105 | 1 100 | 2 425 | 1 400 | 3 085 | 1 700 | 3 750 | 1 860 | 4 100 |
| 30 | 20 | 510 | 1 125 | 640 | 1 410 | 780 | 1 720 | 940 | 2 070 | 1 080 | 2 380 | 1 380 | 3 040 | 1 670 | 3 680 | 1 820 | 4 010 |
| 35 | 22.5 | 500 | 1 100 | 630 | 1 390 | 765 | 1 685 | 920 | 2 030 | 1 060 | 2 335 | 1 650 | 3 640 | 1 640 | 3 615 | 1 790 | 3 945 |
| 40 | 25 | 487 | 1 075 | 615 | 1 355 | 750 | 1 655 | 900 | 1 985 | 1 030 | 2 270 | 1 320 | 2 910 | 1 600 | 3 525 | 1 750 | 3 860 |
| 45 | 28 | - | - | 600 | 1 325 | 730 | 1 610 | 875 | 1 930 | 1 000 | 2 205 | 1 280 | 2 820 | 1 560 | 3 440 | 1 700 | 3 750 |
| 50 | 30 | - | - | 580 | 1 280 | 705 | 1 555 | 850 | 1 875 | 970 | 2 140 | 1 250 | 2 755 | 1 510 | 3 330 | 1 650 | 3 640 |
| 65 | 40 | - | - | 545 | 1 200 | 650 | 1 435 | 775 | 1 710 | 900 | 1 985 | 1 150 | 2 535 | 1 400 | 3 085 | 1 550 | 3 415 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 74 | 20 | 55 | 15 | 46 | 12 | 23 | 50 | 69 | 150 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 413 | - | - |



# Nokian TRI 2 340/80R18 – T445391

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445391 | 340/80R18 | 138 D | 11 | W10, W11, 12, W12 | 343 | 13.5 | 1 001 | 39.4 | 453 | 17.8 | 3 010 | 118.5 | 475 | 400 | 58 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 25 | 32 | 20.5 | 26 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 900 | 4 190 | 2 440 | 5 380 | 2 960 | 6 525 | 3 460 | 7 630 | 4 040 | 8 905 | 5 160 | 11 375 | 6 300 | 13 890 |
| 5 | 2.5 | 1 200 | 2 645 | 1 540 | 3 395 | 1 870 | 4 125 | 2 180 | 4 805 | 2 540 | 5 600 | 3 260 | 7 185 | 3 960 | 8 730 |
| 10 | 5 | 1 040 | 2 295 | 1 330 | 2 930 | 1 610 | 3 550 | 1 880 | 4 145 | 2 190 | 4 830 | 2 800 | 6 175 | 3 420 | 7 540 |
| 15 | 10 | 935 | 2 060 | 1 200 | 2 645 | 1 460 | 3 220 | 1 700 | 3 750 | 1 980 | 4 365 | 2 540 | 5 600 | 3 080 | 6 790 |
| 20 | 12.5 | 900 | 1 985 | 1 160 | 2 555 | 1 410 | 3 110 | 1 640 | 3 615 | 1 910 | 4 210 | 2 450 | 5 400 | 2 970 | 6 550 |
| 25 | 15 | 875 | 1 930 | 1 130 | 2 490 | 1 370 | 3 020 | 1 590 | 3 505 | 1 860 | 4 100 | 2 380 | 5 245 | 2 890 | 6 370 |
| 30 | 20 | 860 | 1 895 | 1 110 | 2 445 | 1 340 | 2 955 | 1 560 | 3 440 | 1 820 | 4 010 | 2 330 | 5 135 | 2 840 | 6 260 |
| 35 | 22.5 | 845 | 1 865 | 1 090 | 2 405 | 1 320 | 2 910 | 1 530 | 3 375 | 1 790 | 3 945 | 2 290 | 5 050 | 2 780 | 6 130 |
| 40 | 25 | 825 | 1 820 | 1 060 | 2 335 | 1 285 | 2 835 | 1 500 | 3 305 | 1 750 | 3 860 | 2 240 | 4 940 | 2 725 | 6 010 |
| 45 | 28 | - | - | 1 030 | 2 270 | 1 250 | 2 755 | 1 460 | 3 220 | 1 700 | 3 750 | 2 180 | 4 805 | 2 650 | 5 840 |
| 50 | 30 | - | - | 1 000 | 2 205 | 1 210 | 2 670 | 1 410 | 3 110 | 1 650 | 3 640 | 2 110 | 4 650 | 2 570 | 5 665 |
| 65 | 40 | - | - | 925 | 2 040 | 1 120 | 2 470 | 1 320 | 2 910 | 1 550 | 3 415 | 1 950 | 4 300 | 2 360 | 5 205 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 145 | 38 | 110 | 29 | 89 | 24 | 45 | 100 | 135 | 300 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 360/80R20 – T445389

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445389 | 360/80R20 | 143 D | 11 | W10, W11, 12, W12 | 357 | 14.1 | 1 092 | 43.0 | 495 | 19.5 | 3 280 | 129.1 | 500 | 400 | 58 | 3 200 | 7 055 | 3 075 | 6 780 | 2 900 | 6 395 | 2 725 | 6 010 | 26 | 33 | 21.5 | 27 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 190 | 4 830 | 2 800 | 6 175 | 3 460 | 7 630 | 4 040 | 8 905 | 4 600 | 10 140 | 5 940 | 13 095 | 7 100 | 15 655 |
| 5 | 2.5 | 1 380 | 3 040 | 1 770 | 3 900 | 2 180 | 4 805 | 2 540 | 5 600 | 2 900 | 6 395 | 3 740 | 8 245 | 4 460 | 9 835 |
| 10 | 5 | 1 190 | 2 625 | 1 520 | 3 350 | 1 880 | 4 145 | 2 190 | 4 830 | 2 500 | 5 510 | 3 220 | 7 100 | 3 860 | 8 510 |
| 15 | 10 | 1 080 | 2 380 | 1 380 | 3 040 | 1 700 | 3 750 | 1 980 | 4 365 | 2 260 | 4 980 | 2 910 | 6 415 | 3 480 | 7 670 |
| 20 | 12.5 | 1 040 | 2 295 | 1 330 | 2 930 | 1 640 | 3 615 | 1 910 | 4 210 | 2 180 | 4 805 | 2 810 | 6 195 | 3 360 | 7 405 |
| 25 | 15 | 1 010 | 2 225 | 1 290 | 2 845 | 1 590 | 3 505 | 1 860 | 4 100 | 2 120 | 4 675 | 2 730 | 6 020 | 3 260 | 7 185 |
| 30 | 20 | 990 | 2 185 | 1 270 | 2 800 | 1 560 | 3 440 | 1 820 | 4 010 | 2 080 | 4 585 | 2 680 | 5 910 | 3 200 | 7 055 |
| 35 | 22.5 | 970 | 2 140 | 1 240 | 2 735 | 1 530 | 3 375 | 1 790 | 3 945 | 2 040 | 4 495 | 2 630 | 5 800 | 3 140 | 6 920 |
| 40 | 25 | 950 | 2 095 | 1 215 | 2 680 | 1 500 | 3 305 | 1 750 | 3 860 | 2 000 | 4 410 | 2 575 | 5 675 | 3 075 | 6 780 |
| 45 | 28 | - | - | 1 180 | 2 600 | 1 460 | 3 220 | 1 700 | 3 750 | 1 940 | 4 275 | 2 500 | 5 510 | 2 990 | 6 590 |
| 50 | 30 | - | - | 1 150 | 2 535 | 1 410 | 3 110 | 1 650 | 3 640 | 1 880 | 4 145 | 2 430 | 5 355 | 2 900 | 6 395 |
| 65 | 40 | - | - | 1 060 | 2 335 | 1 320 | 2 910 | 1 550 | 3 415 | 1 750 | 3 860 | 2 240 | 4 940 | 2 725 | 6 010 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 48 | 135 | 36 | 111 | 29 | 56 | 125 | 167 | 370 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55093 | TR 218A |



# Nokian TRI 2 300/80R24 – T445419

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445419 | 300/80R24 | 128 D | DW10 | W9, W10, W11, DW11 | 295 | 11.6 | 1 090 | 42.9 | 499 | 19.6 | 3 292 | 129.6 | 525 | 320 | 46 | 2 150 | 4 740 | 2 060 | 4 540 | 1 940 | 4 275 | 1 800 | 3 970 | 24 | 30 | 19.5 | 25 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 790 | 3 945 | 2 300 | 5 070 | 2 800 | 6 175 | 3 340 | 7 365 | 3 800 | 8 375 | 4 740 | 10 450 |
| 5 | 2.5 | 1 130 | 2 490 | 1 450 | 3 195 | 1 770 | 3 900 | 2 110 | 4 650 | 2 400 | 5 290 | 2 990 | 6 590 |
| 10 | 5 | 970 | 2 140 | 1 250 | 2 755 | 1 520 | 3 350 | 1 820 | 4 010 | 2 070 | 4 565 | 2 580 | 5 690 |
| 15 | 10 | 880 | 1 940 | 1 130 | 2 490 | 1 380 | 3 040 | 1 640 | 3 615 | 1 870 | 4 125 | 2 330 | 5 135 |
| 20 | 12.5 | 845 | 1 865 | 1 090 | 2 405 | 1 330 | 2 930 | 1 590 | 3 505 | 1 800 | 3 970 | 2 250 | 4 960 |
| 25 | 15 | 825 | 1 820 | 1 060 | 2 335 | 1 290 | 2 845 | 1 540 | 3 395 | 1 750 | 3 860 | 2 190 | 4 830 |
| 30 | 20 | 810 | 1 785 | 1 040 | 2 295 | 1 270 | 2 800 | 1 510 | 3 330 | 1 720 | 3 790 | 2 150 | 4 740 |
| 35 | 22.5 | 795 | 1 755 | 1 020 | 2 250 | 1 240 | 2 735 | 1 480 | 3 265 | 1 690 | 3 725 | 2 110 | 4 650 |
| 40 | 25 | 775 | 1 710 | 1 000 | 2 205 | 1 215 | 2 680 | 1 450 | 3 195 | 1 650 | 3 640 | 2 060 | 4 540 |
| 45 | 28 | - | - | 970 | 2 140 | 1 180 | 2 600 | 1 410 | 3 110 | 1 610 | 3 550 | 2 000 | 4 410 |
| 50 | 30 | - | - | 940 | 2 070 | 1 150 | 2 535 | 1 370 | 3 020 | 1 560 | 3 440 | 1 940 | 4 275 |
| 65 | 40 | - | - | 875 | 1 930 | 1 060 | 2 335 | 1 250 | 2 755 | 1 450 | 3 195 | 1 800 | 3 970 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 130 | 34 | 100 | 26 | 80 | 21 | 41 | 90 | 121 | 265 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55100 | TR 218A |



# Nokian TRI 2 340/80R24 – T445376

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445376 | 340/80R24 | 135 D | DW11 | W10, W11, W12, DW10, DW12 | 343 | 13.5 | 1 154 | 45.4 | 532 | 20.9 | 3 487 | 137.3 | 550 | 320 | 46 | 2 600 | 5 730 | 2 500 | 5 510 | 2 350 | 5 180 | 2 180 | 4 805 | 25 | 32 | 20.5 | 26 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 130 | 4 695 | 2 800 | 6 175 | 3 340 | 7 365 | 4 040 | 8 905 | 4 600 | 10 140 | 5 760 | 12 700 |
| 5 | 2.5 | 1 350 | 2 975 | 1 770 | 3 900 | 2 110 | 4 650 | 2 540 | 5 600 | 2 900 | 6 395 | 3 640 | 8 025 |
| 10 | 5 | 1 160 | 2 555 | 1 520 | 3 350 | 1 820 | 4 010 | 2 190 | 4 830 | 2 500 | 5 510 | 3 140 | 6 920 |
| 15 | 10 | 1 050 | 2 315 | 1 380 | 3 040 | 1 640 | 3 615 | 1 980 | 4 365 | 2 260 | 4 980 | 2 830 | 6 240 |
| 20 | 12.5 | 1 010 | 2 225 | 1 330 | 2 930 | 1 590 | 3 505 | 1 910 | 4 210 | 2 180 | 4 805 | 2 730 | 6 020 |
| 25 | 15 | 985 | 2 170 | 1 290 | 2 845 | 1 540 | 3 395 | 1 860 | 4 100 | 2 120 | 4 675 | 2 650 | 5 840 |
| 30 | 20 | 965 | 2 125 | 1 270 | 2 800 | 1 510 | 3 330 | 1 820 | 4 010 | 2 080 | 4 585 | 2 600 | 5 730 |
| 35 | 22.5 | 945 | 2 085 | 1 240 | 2 735 | 1 480 | 3 265 | 1 790 | 3 945 | 2 040 | 4 495 | 2 550 | 5 620 |
| 40 | 25 | 925 | 2 040 | 1 215 | 2 680 | 1 450 | 3 195 | 1 750 | 3 860 | 2 000 | 4 410 | 2 500 | 5 510 |
| 45 | 28 | - | - | 1 180 | 2 600 | 1 410 | 3 110 | 1 700 | 3 750 | 1 940 | 4 275 | 2 430 | 5 355 |
| 50 | 30 | - | - | 1 150 | 2 535 | 1 370 | 3 020 | 1 650 | 3 640 | 1 880 | 4 145 | 2 350 | 5 180 |
| 65 | 40 | - | - | 1 060 | 2 335 | 1 250 | 2 755 | 1 550 | 3 415 | 1 750 | 3 860 | 2 180 | 4 805 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 48 | 135 | 36 | 111 | 29 | 56 | 125 | 167 | 370 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55105 | TR 218A |



# Nokian TRI 2 360/80R24 – T445378

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445378 | 360/80R24 | 138 D | DW11 | W10, W11, W12, W13, DW10, DW12, DW13 | 357 | 14.1 | 1 186 | 46.7 | 542 | 21.3 | 3 581 | 141.0 | 575 | 320 | 46 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 26 | 33 | 21.5 | 27 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 370 | 5 225 | 3 040 | 6 700 | 3 680 | 8 115 | 4 380 | 9 655 | 5 020 | 11 065 | 6 300 | 13 890 |
| 5 | 2.5 | 1 500 | 3 305 | 1 920 | 4 235 | 2 320 | 5 115 | 2 760 | 6 085 | 3 180 | 7 010 | 3 960 | 8 730 |
| 10 | 5 | 1 290 | 2 845 | 1 650 | 3 640 | 2 000 | 4 410 | 2 380 | 5 245 | 2 730 | 6 020 | 3 420 | 7 540 |
| 15 | 10 | 1 170 | 2 580 | 1 500 | 3 305 | 1 810 | 3 990 | 2 150 | 4 740 | 2 470 | 5 445 | 3 080 | 6 790 |
| 20 | 12.5 | 1 130 | 2 490 | 1 440 | 3 175 | 1 750 | 3 860 | 2 080 | 4 585 | 2 380 | 5 245 | 2 970 | 6 550 |
| 25 | 15 | 1 100 | 2 425 | 1 400 | 3 085 | 1 700 | 3 750 | 2 020 | 4 455 | 2 320 | 5 115 | 2 890 | 6 370 |
| 30 | 20 | 1 080 | 2 380 | 1 380 | 3 040 | 1 670 | 3 680 | 1 980 | 4 365 | 2 270 | 5 005 | 2 840 | 6 260 |
| 35 | 22.5 | 1 060 | 2 335 | 1 350 | 2 975 | 1 640 | 3 615 | 1 940 | 4 275 | 2 230 | 4 915 | 2 780 | 6 130 |
| 40 | 25 | 1 030 | 2 270 | 1 320 | 2 910 | 1 600 | 3 525 | 1 900 | 4 190 | 2 180 | 4 805 | 2 725 | 6 010 |
| 45 | 28 | - | - | 1 280 | 2 820 | 1 560 | 3 440 | 1 850 | 4 080 | 2 120 | 4 675 | 2 650 | 5 840 |
| 50 | 30 | - | - | 1 250 | 2 755 | 1 510 | 3 330 | 1 790 | 3 945 | 2 050 | 4 520 | 2 570 | 5 665 |
| 65 | 40 | - | - | 1 150 | 2 535 | 1 400 | 3 085 | 1 650 | 3 640 | 1 900 | 4 190 | 2 360 | 5 205 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 205 | 54 | 155 | 41 | 126 | 33 | 64 | 140 | 190 | 420 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55105 | TR 218A |



# Nokian TRI 2 400/80R24 – T445372

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445372 | 400/80R24 | 144 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 568 | 22.4 | 3 764 | 148.2 | 600 | 320 | 46 | 3 380 | 7 450 | 3 250 | 7 165 | 3 060 | 6 745 | 2 800 | 6 175 | 27 | 34 | 22.5 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 800 | 6 175 | 3 580 | 7 890 | 4 380 | 9 655 | 5 160 | 11 375 | 5 940 | 13 095 | 7 500 | 16 535 |
| 5 | 2.5 | 1 770 | 3 900 | 2 250 | 4 960 | 2 760 | 6 085 | 3 260 | 7 185 | 3 740 | 8 245 | 4 720 | 10 405 |
| 10 | 5 | 1 520 | 3 350 | 1 940 | 4 275 | 2 380 | 5 245 | 2 800 | 6 175 | 3 220 | 7 100 | 4 080 | 8 995 |
| 15 | 10 | 1 380 | 3 040 | 1 760 | 3 880 | 2 150 | 4 740 | 2 540 | 5 600 | 2 910 | 6 415 | 3 680 | 8 115 |
| 20 | 12.5 | 1 330 | 2 930 | 1 690 | 3 725 | 2 080 | 4 585 | 2 450 | 5 400 | 2 810 | 6 195 | 3 560 | 7 850 |
| 25 | 15 | 1 290 | 2 845 | 1 650 | 3 640 | 2 020 | 4 455 | 2 380 | 5 245 | 2 730 | 6 020 | 3 460 | 7 630 |
| 30 | 20 | 1 270 | 2 800 | 1 620 | 3 570 | 1 980 | 4 365 | 2 330 | 5 135 | 2 680 | 5 910 | 3 380 | 7 450 |
| 35 | 22.5 | 1 240 | 2 735 | 1 590 | 3 505 | 1 940 | 4 275 | 2 290 | 5 050 | 2 630 | 5 800 | 3 320 | 7 320 |
| 40 | 25 | 1 215 | 2 680 | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 575 | 5 675 | 3 250 | 7 165 |
| 45 | 28 | - | - | 1 510 | 3 330 | 1 850 | 4 080 | 2 180 | 4 805 | 2 500 | 5 510 | 3 160 | 6 965 |
| 50 | 30 | - | - | 1 460 | 3 220 | 1 790 | 3 945 | 2 110 | 4 650 | 2 430 | 5 355 | 3 060 | 6 745 |
| 65 | 40 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 265 | 70 | 200 | 53 | 163 | 43 | 83 | 185 | 246 | 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian TRI 2 440/80R24 – T445385

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445385 | 440/80R24 | 149 D | DW14L | W15L, DW15L | 441 | 17.4 | 1 314 | 51.7 | 596 | 23.5 | 3 965 | 156.1 | 625 | 320 | 46 | 3 900 | 8 600 | 3 750 | 8 265 | 3 540 | 7 805 | 3 250 | 7 165 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 220 | 7 100 | 4 140 | 9 125 | 5 020 | 11 065 | 5 940 | 13 095 | 6 900 | 15 210 | 8 650 | 19 070 |
| 5 | 2.5 | 2 030 | 4 475 | 2 610 | 5 755 | 3 180 | 7 010 | 3 740 | 8 245 | 4 360 | 9 610 | 5 440 | 11 995 |
| 10 | 5 | 1 750 | 3 860 | 2 250 | 4 960 | 2 730 | 6 020 | 3 220 | 7 100 | 3 760 | 8 290 | 4 700 | 10 360 |
| 15 | 10 | 1 590 | 3 505 | 2 040 | 4 495 | 2 470 | 5 445 | 2 910 | 6 415 | 3 400 | 7 495 | 4 240 | 9 350 |
| 20 | 12.5 | 1 530 | 3 375 | 1 970 | 4 345 | 2 380 | 5 245 | 2 810 | 6 195 | 3 280 | 7 230 | 4 100 | 9 040 |
| 25 | 15 | 1 490 | 3 285 | 1 910 | 4 210 | 2 320 | 5 115 | 2 730 | 6 020 | 3 180 | 7 010 | 3 980 | 8 775 |
| 30 | 20 | 1 460 | 3 220 | 1 880 | 4 145 | 2 270 | 5 005 | 2 680 | 5 910 | 3 120 | 6 880 | 3 900 | 8 600 |
| 35 | 22.5 | 1 430 | 3 155 | 1 840 | 4 055 | 2 230 | 4 915 | 2 630 | 5 800 | 3 060 | 6 745 | 3 840 | 8 465 |
| 40 | 25 | 1 400 | 3 085 | 1 800 | 3 970 | 2 180 | 4 805 | 2 575 | 5 675 | 3 000 | 6 615 | 3 750 | 8 265 |
| 45 | 28 | - | - | 1 750 | 3 860 | 2 120 | 4 675 | 2 500 | 5 510 | 2 910 | 6 415 | 3 640 | 8 025 |
| 50 | 30 | - | - | 1 700 | 3 750 | 2 050 | 4 520 | 2 430 | 5 355 | 2 820 | 6 215 | 3 540 | 7 805 |
| 65 | 40 | - | - | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 650 | 5 840 | 3 250 | 7 165 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 325 | 86 | 245 | 65 | 200 | 53 | 102 | 225 | 302 | 665 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian TRI 2 360/80R28 – T445550

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445550 | 360/80R28 | 142 D | DW11 | W11, W12, W13, DW12, DW13 | 357 | 14.1 | 1 302 | 51.3 | 595 | 23.4 | 3 946 | 155.4 | 625 | 320 | 46 | 3 120 | 6 880 | 3 000 | 6 615 | 2 820 | 6 215 | 2 650 | 5 840 | 26 | 33 | 21,5 | 27 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 510 | 5 535 | 3 220 | 7 100 | 3 920 | 8 640 | 4 600 | 10 140 | 5 440 | 11 995 | 6 900 | 15 210 |
| 5 | 2.5 | 1 590 | 3 505 | 2 030 | 4 475 | 2 470 | 5 445 | 2 900 | 6 395 | 3 440 | 7 585 | 4 360 | 9 610 |
| 10 | 5 | 1 370 | 3 020 | 1 750 | 3 860 | 2 130 | 4 695 | 2 500 | 5 510 | 2 950 | 6 505 | 3 760 | 8 290 |
| 15 | 10 | 1 240 | 2 735 | 1 590 | 3 505 | 1 930 | 4 255 | 2 260 | 4 980 | 2 670 | 5 885 | 3 400 | 7 495 |
| 20 | 12.5 | 1 190 | 2 625 | 1 530 | 3 375 | 1 860 | 4 100 | 2 180 | 4 805 | 2 580 | 5 690 | 3 280 | 7 230 |
| 25 | 15 | 1 160 | 2 555 | 1 490 | 3 285 | 1 810 | 3 990 | 2 120 | 4 675 | 2 510 | 5 535 | 3 180 | 7 010 |
| 30 | 20 | 1 140 | 2 515 | 1 460 | 3 220 | 1 770 | 3 900 | 2 080 | 4 585 | 2 460 | 5 425 | 3 120 | 6 880 |
| 35 | 22.5 | 1 120 | 2 470 | 1 430 | 3 155 | 1 740 | 3 835 | 2 040 | 4 495 | 2 410 | 5 315 | 3 060 | 6 745 |
| 40 | 25 | 1 090 | 2 405 | 1 400 | 3 085 | 1 700 | 3 750 | 2 000 | 4 410 | 2 360 | 5 205 | 3 000 | 6 615 |
| 45 | 28 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 940 | 4 275 | 2 290 | 5 050 | 2 910 | 6 415 |
| 50 | 30 | - | - | 1 320 | 2 910 | 1 600 | 3 525 | 1 880 | 4 145 | 2 220 | 4 895 | 2 820 | 6 215 |
| 65 | 40 | - | - | 1 215 | 2 680 | 1 500 | 3 305 | 1 750 | 3 860 | 2 060 | 4 540 | 2 650 | 5 840 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 235 | 62 | 175 | 46 | 145 | 38 | 74 | 165 | 218 | 480 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 400/80R28 – T445383

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445383 | 400/80R28 | 146 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 351 | 53.2 | 620 | 24.4 | 4 090 | 161.0 | 650 | 320 | 46 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 27 | 34 | 22.5 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 960 | 6 525 | 3 800 | 8 375 | 4 600 | 10 140 | 5 440 | 11 995 | 6 300 | 13 890 | 7 950 | 17 525 |
| 5 | 2.5 | 1 870 | 4 125 | 2 400 | 5 290 | 2 900 | 6 395 | 3 440 | 7 585 | 3 960 | 8 730 | 5 020 | 11 065 |
| 10 | 5 | 1 610 | 3 550 | 2 070 | 4 565 | 2 500 | 5 510 | 2 950 | 6 505 | 3 420 | 7 540 | 4 320 | 9 525 |
| 15 | 10 | 1 460 | 3 220 | 1 870 | 4 125 | 2 260 | 4 980 | 2 670 | 5 885 | 3 080 | 6 790 | 3 900 | 8 600 |
| 20 | 12.5 | 1 410 | 3 110 | 1 800 | 3 970 | 2 180 | 4 805 | 2 580 | 5 690 | 2 970 | 6 550 | 3 780 | 8 335 |
| 25 | 15 | 1 370 | 3 020 | 1 750 | 3 860 | 2 120 | 4 675 | 2 510 | 5 535 | 2 890 | 6 370 | 3 660 | 8 070 |
| 30 | 20 | 1 340 | 2 955 | 1 720 | 3 790 | 2 080 | 4 585 | 2 460 | 5 425 | 2 840 | 6 260 | 3 600 | 7 935 |
| 35 | 22.5 | 1 320 | 2 910 | 1 690 | 3 725 | 2 040 | 4 495 | 2 410 | 5 315 | 2 780 | 6 130 | 3 520 | 7 760 |
| 40 | 25 | 1 285 | 2 835 | 1 650 | 3 640 | 2 000 | 4 410 | 2 360 | 5 205 | 2 725 | 6 010 | 3 450 | 7 605 |
| 45 | 28 | - | - | 1 610 | 3 550 | 1 940 | 4 275 | 2 290 | 5 050 | 2 650 | 5 840 | 3 360 | 7 405 |
| 50 | 30 | - | - | 1 560 | 3 440 | 1 880 | 4 145 | 2 220 | 4 895 | 2 570 | 5 665 | 3 260 | 7 185 |
| 65 | 40 | - | - | 1 450 | 3 195 | 1 750 | 3 860 | 2 060 | 4 540 | 2 360 | 5 205 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 295 | 78 | 220 | 58 | 182 | 48 | 93 | 205 | 274 | 605 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55351 | TR 218A |



# Nokian TRI 2 440/80R28 – T445337

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445337 | 440/80R28 | 151 D | DW14L | W15L, W16L, DW15L, DW16L | 441 | 17.4 | 1 415 | 55.7 | 644 | 25.4 | 4 266 | 168.0 | 675 | 320 | 46 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 460 | 7 630 | 4 380 | 9 655 | 5 440 | 11 995 | 6 450 | 14 220 | 7 250 | 15 985 | 9 200 | 20 280 |
| 5 | 2.5 | 2 180 | 4 805 | 2 760 | 6 085 | 3 440 | 7 585 | 4 060 | 8 950 | 4 580 | 10 095 | 5 800 | 12 785 |
| 10 | 5 | 1 880 | 4 145 | 2 380 | 5 245 | 2 950 | 6 505 | 3 500 | 7 715 | 3 940 | 8 685 | 5 000 | 11 025 |
| 15 | 10 | 1 700 | 3 750 | 2 150 | 4 740 | 2 670 | 5 885 | 3 180 | 7 010 | 3 560 | 7 850 | 4 520 | 9 965 |
| 20 | 12.5 | 1 640 | 3 615 | 2 080 | 4 585 | 2 580 | 5 690 | 3 060 | 6 745 | 3 440 | 7 585 | 4 360 | 9 610 |
| 25 | 15 | 1 590 | 3 505 | 2 020 | 4 455 | 2 510 | 5 535 | 2 970 | 6 550 | 3 340 | 7 365 | 4 240 | 9 350 |
| 30 | 20 | 1 560 | 3 440 | 1 980 | 4 365 | 2 460 | 5 425 | 2 920 | 6 435 | 3 280 | 7 230 | 4 160 | 9 170 |
| 35 | 22.5 | 1 530 | 3 375 | 1 940 | 4 275 | 2 410 | 5 315 | 2 860 | 6 305 | 3 220 | 7 100 | 4 080 | 8 995 |
| 40 | 25 | 1 500 | 3 305 | 1 900 | 4 190 | 2 360 | 5 205 | 2 800 | 6 175 | 3 150 | 6 945 | 4 000 | 8 820 |
| 45 | 28 | - | - | 1 850 | 4 080 | 2 290 | 5 050 | 2 720 | 5 995 | 3 060 | 6 745 | 3 880 | 8 555 |
| 50 | 30 | - | - | 1 790 | 3 945 | 2 220 | 4 895 | 2 640 | 5 820 | 2 970 | 6 550 | 3 760 | 8 290 |
| 65 | 40 | - | - | 1 650 | 3 640 | 2 060 | 4 540 | 2 430 | 5 355 | 2 725 | 6 010 | 3 450 | 7 605 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 365 | 96 | 275 | 73 | 225 | 59 | 115 | 255 | 339 | 745 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55370 | TR 218A |



# Nokian TRI 2 440/80R30 – T445384

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445384 | 440/80R30 | 153 D | DW14L | DW15L, W16L | 441 | 17.4 | 1 466 | 57.7 | 670 | 26.4 | 4 430 | 174.4 | 700 | 320 | 46 | 4 300 | 9 480 | 4 125 | 9 095 | 3 880 | 8 555 | 3 650 | 8 045 | 28 | 35 | 23 | 29 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 580 | 7 890 | 4 500 | 9 920 | 5 600 | 12 345 | 6 700 | 14 770 | 7 500 | 16 535 | 9 500 | 20 945 |
| 5 | 2.5 | 2 250 | 4 960 | 2 830 | 6 240 | 3 540 | 7 805 | 4 220 | 9 305 | 4 720 | 10 405 | 6 000 | 13 230 |
| 10 | 5 | 1 940 | 4 275 | 2 440 | 5 380 | 3 040 | 6 700 | 3 640 | 8 025 | 4 080 | 8 995 | 5 160 | 11 375 |
| 15 | 10 | 1 760 | 3 880 | 2 210 | 4 870 | 2 750 | 6 065 | 3 280 | 7 230 | 3 680 | 8 115 | 4 680 | 10 320 |
| 20 | 12.5 | 1 690 | 3 725 | 2 130 | 4 695 | 2 650 | 5 840 | 3 180 | 7 010 | 3 560 | 7 850 | 4 500 | 9 920 |
| 25 | 15 | 1 650 | 3 640 | 2 070 | 4 565 | 2 580 | 5 690 | 3 080 | 6 790 | 3 460 | 7 630 | 4 380 | 9 655 |
| 30 | 20 | 1 620 | 3 570 | 2 030 | 4 475 | 2 530 | 5 580 | 3 020 | 6 660 | 3 380 | 7 450 | 4 300 | 9 480 |
| 35 | 22.5 | 1 590 | 3 505 | 1 990 | 4 385 | 2 480 | 5 465 | 2 960 | 6 525 | 3 320 | 7 320 | 4 220 | 9 305 |
| 40 | 25 | 1 550 | 3 415 | 1 950 | 4 300 | 2 430 | 5 355 | 2 900 | 6 395 | 3 250 | 7 165 | 4 125 | 9 095 |
| 45 | 28 | - | - | 1 900 | 4 190 | 2 360 | 5 205 | 2 820 | 6 215 | 3 160 | 6 965 | 4 020 | 8 860 |
| 50 | 30 | - | - | 1 840 | 4 055 | 2 290 | 5 050 | 2 730 | 6 020 | 3 060 | 6 745 | 3 880 | 8 555 |
| 65 | 40 | - | - | 1 700 | 3 750 | 2 120 | 4 675 | 2 500 | 5 510 | 2 800 | 6 175 | 3 650 | 8 045 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 385 | 102 | 290 | 77 | 237 | 63 | 121 | 265 | 358 | 790 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55371 | TR 218A |



# Nokian TRI 2 480/80R30 – T445386

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445386 | 480/80R30 | 157 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 530 | 60.2 | 694 | 27.3 | 4 631 | 182.3 | 725 | 320 | 46 | 4 940 | 10 890 | 4 750 | 10 470 | 4 480 | 9 875 | 4 125 | 9 095 | 29 | 37 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 040 | 8 905 | 5 160 | 11 375 | 6 300 | 13 890 | 7 500 | 16 535 | 8 650 | 19 070 | 10 950 | 24 140 |
| 5 | 2.5 | 2 540 | 5 600 | 3 260 | 7 185 | 3 960 | 8 730 | 4 720 | 10 405 | 5 440 | 11 995 | 6 900 | 15 210 |
| 10 | 5 | 2 190 | 4 830 | 2 800 | 6 175 | 3 420 | 7 540 | 4 080 | 8 995 | 4 700 | 10 360 | 5 940 | 13 095 |
| 15 | 10 | 1 980 | 4 365 | 2 540 | 5 600 | 3 080 | 6 790 | 3 680 | 8 115 | 4 240 | 9 350 | 5 380 | 11 860 |
| 20 | 12.5 | 1 910 | 4 210 | 2 450 | 5 400 | 2 970 | 6 550 | 3 560 | 7 850 | 4 100 | 9 040 | 5 180 | 11 420 |
| 25 | 15 | 1 860 | 4 100 | 2 380 | 5 245 | 2 890 | 6 370 | 3 460 | 7 630 | 3 980 | 8 775 | 5 040 | 11 110 |
| 30 | 20 | 1 820 | 4 010 | 2 330 | 5 135 | 2 840 | 6 260 | 3 380 | 7 450 | 3 900 | 8 600 | 4 940 | 10 890 |
| 35 | 22.5 | 1 790 | 3 945 | 2 290 | 5 050 | 2 780 | 6 130 | 3 320 | 7 320 | 3 840 | 8 465 | 4 860 | 10 715 |
| 40 | 25 | 1 750 | 3 860 | 2 240 | 4 940 | 2 725 | 6 010 | 3 250 | 7 165 | 3 750 | 8 265 | 4 750 | 10 470 |
| 45 | 28 | - | - | 2 180 | 4 805 | 2 650 | 5 840 | 3 160 | 6 965 | 3 640 | 8 025 | 4 620 | 10 185 |
| 50 | 30 | - | - | 2 110 | 4 650 | 2 570 | 5 665 | 3 060 | 6 745 | 3 540 | 7 805 | 4 480 | 9 875 |
| 65 | 40 | - | - | 1 950 | 4 300 | 2 360 | 5 205 | 2 800 | 6 175 | 3 250 | 7 165 | 4 125 | 9 095 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 470 | 124 | 355 | 94 | 289 | 76 | 147 | 325 | 437 | 965 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55371 | TR 218A |



# Nokian TRI 2 440/80R34 – T445369

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445369 | 440/80R34 | 155 D | DW14L | DW15L, DW16L | 441 | 17.4 | 1 568 | 61.7 | 717 | 28.2 | 4 750 | 187.0 | 750 | 320 | 46 | 4 560 | 10 055 | 4 375 | 9 645 | 4 120 | 9 085 | 3 875 | 8 545 | 28 | 35 | 23 | 29 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 800 | 8 375 | 4 880 | 10 760 | 5 940 | 13 095 | 6 900 | 15 210 | 7 950 | 17 525 | 10 100 | 22 265 |
| 5 | 2.5 | 2 400 | 5 290 | 3 080 | 6 790 | 3 740 | 8 245 | 4 360 | 9 610 | 5 020 | 11 065 | 6 350 | 14 000 |
| 10 | 5 | 2 070 | 4 565 | 2 650 | 5 840 | 3 220 | 7 100 | 3 760 | 8 290 | 4 320 | 9 525 | 5 480 | 12 080 |
| 15 | 10 | 1 870 | 4 125 | 2 400 | 5 290 | 2 910 | 6 415 | 3 400 | 7 495 | 3 900 | 8 600 | 4 960 | 10 935 |
| 20 | 12.5 | 1 800 | 3 970 | 2 320 | 5 115 | 2 810 | 6 195 | 3 280 | 7 230 | 3 780 | 8 335 | 4 780 | 10 540 |
| 25 | 15 | 1 750 | 3 860 | 2 250 | 4 960 | 2 730 | 6 020 | 3 180 | 7 010 | 3 660 | 8 070 | 4 640 | 10 230 |
| 30 | 20 | 1 720 | 3 790 | 2 210 | 4 870 | 2 680 | 5 910 | 3 120 | 6 880 | 3 600 | 7 935 | 4 560 | 10 055 |
| 35 | 22.5 | 1 690 | 3 725 | 2 170 | 4 785 | 2 630 | 5 800 | 3 060 | 6 745 | 3 520 | 7 760 | 4 480 | 9 875 |
| 40 | 25 | 1 650 | 3 640 | 2 120 | 4 675 | 2 575 | 5 675 | 3 000 | 6 615 | 3 450 | 7 605 | 4 375 | 9 645 |
| 45 | 28 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 2 910 | 6 415 | 3 360 | 7 405 | 4 260 | 9 390 |
| 50 | 30 | - | - | 2 000 | 4 410 | 2 430 | 5 355 | 2 820 | 6 215 | 3 260 | 7 185 | 4 120 | 9 085 |
| 65 | 40 | - | - | 1 850 | 4 080 | 2 240 | 4 940 | 2 650 | 5 840 | 3 000 | 6 615 | 3 875 | 8 545 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 420 | 111 | 315 | 83 | 258 | 68 | 132 | 290 | 390 | 860 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55391 | TR 218A |



# Nokian TRI 2 480/80R34 – T445370

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445370 | 480/80R34 | 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 743 | 29.3 | 4 939 | 194.4 | 775 | 320 | 46 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 29 | 37 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 260 | 9 390 | 5 440 | 11 995 | 6 700 | 14 770 | 7 950 | 17 525 | 9 200 | 20 280 | 11 500 | 25 355 |
| 5 | 2.5 | 2 690 | 5 930 | 3 440 | 7 585 | 4 220 | 9 305 | 5 020 | 11 065 | 5 800 | 12 785 | 7 250 | 15 985 |
| 10 | 5 | 2 320 | 5 115 | 2 950 | 6 505 | 3 640 | 8 025 | 4 320 | 9 525 | 5 000 | 11 025 | 6 250 | 13 780 |
| 15 | 10 | 2 100 | 4 630 | 2 670 | 5 885 | 3 280 | 7 230 | 3 900 | 8 600 | 4 520 | 9 965 | 5 660 | 12 480 |
| 20 | 12.5 | 2 020 | 4 455 | 2 580 | 5 690 | 3 180 | 7 010 | 3 780 | 8 335 | 4 360 | 9 610 | 5 460 | 12 035 |
| 25 | 15 | 1 970 | 4 345 | 2 510 | 5 535 | 3 080 | 6 790 | 3 660 | 8 070 | 4 240 | 9 350 | 5 300 | 11 685 |
| 30 | 20 | 1 930 | 4 255 | 2 460 | 5 425 | 3 020 | 6 660 | 3 600 | 7 935 | 4 160 | 9 170 | 5 200 | 11 465 |
| 35 | 22.5 | 1 890 | 4 165 | 2 410 | 5 315 | 2 960 | 6 525 | 3 520 | 7 760 | 4 080 | 8 995 | 5 100 | 11 245 |
| 40 | 25 | 1 850 | 4 080 | 2 360 | 5 205 | 2 900 | 6 395 | 3 450 | 7 605 | 4 000 | 8 820 | 5 000 | 11 025 |
| 45 | 28 | - | - | 2 290 | 5 050 | 2 820 | 6 215 | 3 360 | 7 405 | 3 880 | 8 555 | 4 860 | 10 715 |
| 50 | 30 | - | - | 2 220 | 4 895 | 2 730 | 6 020 | 3 260 | 7 185 | 3 760 | 8 290 | 4 700 | 10 360 |
| 65 | 40 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 3 000 | 6 615 | 3 450 | 7 605 | 4 375 | 9 645 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 515 | 136 | 385 | 102 | 317 | 84 | 162 | 355 | 478 | 1 055 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55391 | TR 218A |



# Nokian TRI 2 480/80R38 – T445377

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445377 | 480/80R38 | 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 793 | 31.2 | 5 265 | 207.3 | 825 | 320 | 46 | 5 520 | 12 170 | 5 300 | 11 685 | 5 000 | 11 025 | 4 625 | 10 195 | 29 | 37 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 500 | 9 920 | 5 760 | 12 700 | 7 100 | 15 655 | 8 400 | 18 520 | 9 800 | 21 605 | 12 200 | 26 895 |
| 5 | 2.5 | 2 830 | 6 240 | 3 640 | 8 025 | 4 460 | 9 835 | 5 300 | 11 685 | 6 200 | 13 670 | 7 700 | 16 975 |
| 10 | 5 | 2 440 | 5 380 | 3 140 | 6 920 | 3 860 | 8 510 | 4 580 | 10 095 | 5 320 | 11 730 | 6 650 | 14 660 |
| 15 | 10 | 2 210 | 4 870 | 2 830 | 6 240 | 3 480 | 7 670 | 4 140 | 9 125 | 4 820 | 10 625 | 6 000 | 13 230 |
| 20 | 12.5 | 2 130 | 4 695 | 2 730 | 6 020 | 3 360 | 7 405 | 3 980 | 8 775 | 4 640 | 10 230 | 5 780 | 12 745 |
| 25 | 15 | 2 070 | 4 565 | 2 650 | 5 840 | 3 260 | 7 185 | 3 880 | 8 555 | 4 520 | 9 965 | 5 620 | 12 390 |
| 30 | 20 | 2 030 | 4 475 | 2 600 | 5 730 | 3 200 | 7 055 | 3 800 | 8 375 | 4 420 | 9 745 | 5 520 | 12 170 |
| 35 | 22.5 | 1 990 | 4 385 | 2 550 | 5 620 | 3 140 | 6 920 | 3 740 | 8 245 | 4 340 | 9 570 | 5 420 | 11 950 |
| 40 | 25 | 1 950 | 4 300 | 2 500 | 5 510 | 3 075 | 6 780 | 3 650 | 8 045 | 4 250 | 9 370 | 5 300 | 11 685 |
| 45 | 28 | - | - | 2 430 | 5 355 | 2 990 | 6 590 | 3 560 | 7 850 | 4 140 | 9 125 | 5 160 | 11 375 |
| 50 | 30 | - | - | 2 350 | 5 180 | 2 900 | 6 395 | 3 440 | 7 585 | 4 000 | 8 820 | 5 000 | 11 025 |
| 65 | 40 | - | - | 2 180 | 4 805 | 2 725 | 6 010 | 3 150 | 6 945 | 3 750 | 8 265 | 4 625 | 10 195 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 560 | 148 | 420 | 111 | 345 | 91 | 176 | 390 | 520 | 1 145 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55430 | TR 218A |



# Nokian TRI 2 540/80R38 – T445338

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445338 | 540/80R38 | 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 834 | 32.8 | 5 529 | 217.7 | 875 | 320 | 46 | 6 600 | 14 550 | 6 300 | 13 890 | 5 940 | 13 095 | 5 450 | 12 015 | 30 | 38 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 440 | 11 995 | 6 900 | 15 210 | 8 400 | 18 520 | 10 100 | 22 265 | 11 500 | 25 355 | 14 500 | 31 965 |
| 5 | 2.5 | 3 440 | 7 585 | 4 360 | 9 610 | 5 300 | 11 685 | 6 350 | 14 000 | 7 250 | 15 985 | 9 150 | 20 170 |
| 10 | 5 | 2 950 | 6 505 | 3 760 | 8 290 | 4 580 | 10 095 | 5 480 | 12 080 | 6 250 | 13 780 | 7 900 | 17 415 |
| 15 | 10 | 2 670 | 5 885 | 3 400 | 7 495 | 4 140 | 9 125 | 4 960 | 10 935 | 5 660 | 12 480 | 7 150 | 15 765 |
| 20 | 12.5 | 2 580 | 5 690 | 3 280 | 7 230 | 3 980 | 8 775 | 4 780 | 10 540 | 5 460 | 12 035 | 6 900 | 15 210 |
| 25 | 15 | 2 510 | 5 535 | 3 180 | 7 010 | 3 880 | 8 555 | 4 640 | 10 230 | 5 300 | 11 685 | 6 700 | 14 770 |
| 30 | 20 | 2 460 | 5 425 | 3 120 | 6 880 | 3 800 | 8 375 | 4 560 | 10 055 | 5 200 | 11 465 | 6 600 | 14 550 |
| 35 | 22.5 | 2 410 | 5 315 | 3 060 | 6 745 | 3 740 | 8 245 | 4 480 | 9 875 | 5 100 | 11 245 | 6 450 | 14 220 |
| 40 | 25 | 2 360 | 5 205 | 3 000 | 6 615 | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 6 300 | 13 890 |
| 45 | 28 | - | - | 2 910 | 6 415 | 3 560 | 7 850 | 4 260 | 9 390 | 4 860 | 10 715 | 6 150 | 13 560 |
| 50 | 30 | - | - | 2 820 | 6 215 | 3 440 | 7 585 | 4 120 | 9 085 | 4 700 | 10 360 | 5 940 | 13 095 |
| 65 | 40 | - | - | 2 650 | 5 840 | 3 150 | 6 945 | 3 875 | 8 545 | 4 375 | 9 645 | 5 450 | 12 015 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 740 | 196 | 555 | 147 | 455 | 120 | 232 | 510 | 688 | 1 515 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55445 | TR 218A |



# Nokian TRI 2 620/80R42 – T445518

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445518 | 620/80R42 | 177 D | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 625 | 24.6 | 2 059 | 81.1 | 934 | 36.8 | 6 262 | 246.5 | 975 | 320 | 46 | 8 600 | 18 960 | 8 250 | 18 190 | 7 800 | 17 195 | 7 300 | 16 095 | 35 | 44 | 30 | 38 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 7 100 | 15 655 | 8 950 | 19 730 | 10 950 | 24 140 | 12 900 | 28 440 | 14 950 | 32 960 | 19 000 | 41 885 |
| 5 | 2.5 | 4 460 | 9 835 | 5 620 | 12 390 | 6 900 | 15 210 | 8 150 | 17 965 | 9 450 | 20 835 | 12 000 | 26 455 |
| 10 | 5 | 3 860 | 8 510 | 4 860 | 10 715 | 5 940 | 13 095 | 7 000 | 15 430 | 8 150 | 17 965 | 10 350 | 22 820 |
| 15 | 10 | 3 480 | 7 670 | 4 380 | 9 655 | 5 380 | 11 860 | 6 350 | 14 000 | 7 350 | 16 205 | 9 350 | 20 615 |
| 20 | 12.5 | 3 360 | 7 405 | 4 240 | 9 350 | 5 180 | 11 420 | 6 150 | 13 560 | 7 100 | 15 655 | 9 000 | 19 840 |
| 25 | 15 | 3 260 | 7 185 | 4 120 | 9 085 | 5 040 | 11 110 | 5 940 | 13 095 | 6 900 | 15 210 | 8 750 | 19 290 |
| 30 | 20 | 3 200 | 7 055 | 4 040 | 8 905 | 4 940 | 10 890 | 5 840 | 12 875 | 6 800 | 14 990 | 8 600 | 18 960 |
| 35 | 22.5 | 3 140 | 6 920 | 3 960 | 8 730 | 4 860 | 10 715 | 5 720 | 12 610 | 6 650 | 14 660 | 8 450 | 18 630 |
| 40 | 25 | 3 075 | 6 780 | 3 875 | 8 545 | 4 750 | 10 470 | 5 600 | 12 345 | 6 500 | 14 330 | 8 250 | 18 190 |
| 45 | 28 | - | - | 3 760 | 8 290 | 4 620 | 10 185 | 5 440 | 11 995 | 6 350 | 14 000 | 8 050 | 17 745 |
| 50 | 30 | - | - | 3 660 | 8 070 | 4 480 | 9 875 | 5 280 | 11 640 | 6 150 | 13 560 | 7 800 | 17 195 |
| 65 | 40 | - | - | 3 350 | 7 385 | 4 125 | 9 095 | 4 875 | 10 745 | 5 600 | 12 345 | 7 300 | 16 095 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 125 | 297 | 845 | 223 | 692 | 183 | 353 | 780 | 1 045 | 2 305 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 270/75R15 – T845538

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T845538 | 270/75R15[1)] | 109 G | 8.5J | 7J, 7.5J, 8J, 8.5J, 9, 9.00, 9J, 9.5J | 277 | 10.9 | 784 | 30.9 | 364 | 14.3 | 2 393 | 94.2 | 370 | 450 | 65 | 1 880 | 4 145 | 1 800 | 3 970 | 1 700 | 3 750 | 1 550 | 3 415 | 15 | 19 | 13 | 16 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 150 | 2 535 | 1 500 | 3 305 | 1 790 | 3 945 | 2 130 | 4 695 | 2 440 | 5 380 | 3 140 | 6 920 | 3 800 | 8 375 | 4 140 | 9 125 |
| 5 | 2.5 | 725 | 1 600 | 945 | 2 085 | 1 130 | 2 490 | 1 350 | 2 975 | 1 540 | 3 395 | 1 980 | 4 365 | 2 400 | 5 290 | 2 610 | 5 755 |
| 10 | 5 | 625 | 1 380 | 815 | 1 795 | 970 | 2 140 | 1 160 | 2 555 | 1 330 | 2 930 | 1 700 | 3 750 | 2 070 | 4 565 | 2 250 | 4 960 |
| 15 | 10 | 565 | 1 245 | 735 | 1 620 | 880 | 1 940 | 1 050 | 2 315 | 1 200 | 2 645 | 1 540 | 3 395 | 1 870 | 4 125 | 2 040 | 4 495 |
| 20 | 12.5 | 545 | 1 200 | 710 | 1 565 | 845 | 1 865 | 1 010 | 2 225 | 1 160 | 2 555 | 1 490 | 3 285 | 1 800 | 3 970 | 1 970 | 4 345 |
| 25 | 15 | 530 | 1 170 | 690 | 1 520 | 825 | 1 820 | 985 | 2 170 | 1 130 | 2 490 | 1 450 | 3 195 | 1 750 | 3 860 | 1 910 | 4 210 |
| 30 | 20 | 520 | 1 145 | 680 | 1 500 | 810 | 1 785 | 965 | 2 125 | 1 110 | 2 445 | 1 420 | 3 130 | 1 720 | 3 790 | 1 880 | 4 145 |
| 35 | 22.5 | 510 | 1 125 | 665 | 1 465 | 795 | 1 755 | 945 | 2 085 | 1 090 | 2 405 | 1 390 | 3 065 | 1 690 | 3 725 | 1 840 | 4 055 |
| 40 | 25 | 500 | 1 100 | 650 | 1 435 | 775 | 1 710 | 925 | 2 040 | 1 060 | 2 335 | 1 360 | 3 000 | 1 650 | 3 640 | 1 800 | 3 970 |
| 45 | 28 | - | - | 635 | 1 400 | 755 | 1 665 | 900 | 1 985 | 1 030 | 2 270 | 1 320 | 2 910 | 1 610 | 3 550 | 1 750 | 3 860 |
| 50 | 30 | - | - | 615 | 1 355 | 730 | 1 610 | 870 | 1 920 | 1 000 | 2 205 | 1 280 | 2 820 | 1 560 | 3 440 | 1 700 | 3 750 |
| 65 | 40 | - | - | 560 | 1 235 | 670 | 1 475 | 800 | 1 765 | 925 | 2 040 | 1 180 | 2 600 | 1 450 | 3 195 | 1 550 | 3 415 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 71 | 19 | 55 | 15 | 44 | 12 | 22 | 50 | 66 | 145 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 413 | - | - |



# Nokian TRI 2 250/75R16 – T845539

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T845539 | 250/75R16[1)] | 120 G | W8 | W7, 7J, 7.5J, 8J, 8.5J, W9, 9, 9.00, 9J | 258 | 10.2 | 782 | 30.8 | 363 | 14.3 | 2 390 | 94.1 | 370 | 450 | 65 | 1 720 | 3 790 | 1 650 | 3 640 | 1 560 | 3 440 | 1 450 | 3 195 | 15 | 19 | 13 | 16 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 120 | 2 470 | 1 420 | 3 130 | 1 730 | 3 815 | 2 070 | 4 565 | 2 370 | 5 225 | 3 040 | 6 700 | 3 680 | 8 115 | 4 040 | 8 905 |
| 5 | 2.5 | 710 | 1 565 | 895 | 1 975 | 1 090 | 2 405 | 1 310 | 2 890 | 1 500 | 3 305 | 1 920 | 4 235 | 2 320 | 5 115 | 2 540 | 5 600 |
| 10 | 5 | 610 | 1 345 | 770 | 1 700 | 940 | 2 070 | 1 130 | 2 490 | 1 290 | 2 845 | 1 650 | 3 640 | 2 000 | 4 410 | 2 190 | 4 830 |
| 15 | 10 | 550 | 1 215 | 695 | 1 530 | 850 | 1 875 | 1 020 | 2 250 | 1 170 | 2 580 | 1 500 | 3 305 | 1 810 | 3 990 | 1 980 | 4 365 |
| 20 | 12.5 | 535 | 1 180 | 670 | 1 475 | 820 | 1 810 | 985 | 2 170 | 1 130 | 2 490 | 1 440 | 3 175 | 1 750 | 3 860 | 1 910 | 4 210 |
| 25 | 15 | 520 | 1 145 | 655 | 1 445 | 795 | 1 755 | 955 | 2 105 | 1 100 | 2 425 | 1 400 | 3 085 | 1 700 | 3 750 | 1 860 | 4 100 |
| 30 | 20 | 510 | 1 125 | 640 | 1 410 | 780 | 1 720 | 940 | 2 070 | 1 080 | 2 380 | 1 380 | 3 040 | 1 670 | 3 680 | 1 820 | 4 010 |
| 35 | 22.5 | 500 | 1 100 | 630 | 1 390 | 765 | 1 685 | 920 | 2 030 | 1 060 | 2 335 | 1 350 | 2 975 | 1 640 | 3 615 | 1 790 | 3 945 |
| 40 | 25 | 487 | 1 075 | 615 | 1 355 | 750 | 1 655 | 900 | 1 985 | 1 030 | 2 270 | 1 320 | 2 910 | 1 600 | 3 525 | 1 750 | 3 860 |
| 45 | 28 | - | - | 600 | 1 325 | 730 | 1 610 | 875 | 1 930 | 1 000 | 2 205 | 1 280 | 2 820 | 1 560 | 3 440 | 1 700 | 3 750 |
| 50 | 30 | - | - | 580 | 1 280 | 705 | 1 555 | 850 | 1 875 | 970 | 2 140 | 1 250 | 2 755 | 1 510 | 3 330 | 1 650 | 3 640 |
| 65 | 40 | - | - | 545 | 1 200 | 650 | 1 435 | 775 | 1 710 | 900 | 1 985 | 1 150 | 2 535 | 1 400 | 3 085 | 1 550 | 3 415 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 62 | 16 | 45 | 12 | 38 | 10 | 19 | 40 | 58 | 130 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 413 | - | - |



# Nokian TRI 2 360/70R20 – T445569

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445569 | 360/70R20 | 131 D | W11 | W10, W12 | 357 | 14.1 | 1 028 | 40.5 | 469 | 18.5 | 3 104 | 122.2 | 500 | 320 | 46 | 2 330 | 5 135 | 2 240 | 4 940 | 2 110 | 4 650 | 1 950 | 4 300 | 26 | 33 | 21,5 | 27 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 900 | 4 190 | 2 440 | 5 380 | 3 040 | 6 700 | 3 580 | 7 890 | 4 140 | 9 125 | 5 160 | 11 375 |
| 5 | 2.5 | 1 200 | 2 645 | 1 540 | 3 395 | 1 920 | 4 235 | 2 250 | 4 960 | 2 610 | 5 755 | 3 260 | 7 185 |
| 10 | 5 | 1 040 | 2 295 | 1 330 | 2 930 | 1 650 | 3 640 | 1 940 | 4 275 | 2 250 | 4 960 | 2 800 | 6 175 |
| 15 | 10 | 935 | 2 060 | 1 200 | 2 645 | 1 500 | 3 305 | 1 760 | 3 880 | 2 040 | 4 495 | 2 540 | 5 600 |
| 20 | 12.5 | 900 | 1 985 | 1 160 | 2 555 | 1 440 | 3 175 | 1 690 | 3 725 | 1 970 | 4 345 | 2 450 | 5 400 |
| 25 | 15 | 875 | 1 930 | 1 130 | 2 490 | 1 400 | 3 085 | 1 650 | 3 640 | 1 910 | 4 210 | 2 380 | 5 245 |
| 30 | 20 | 860 | 1 895 | 1 110 | 2 445 | 1 380 | 3 040 | 1 620 | 3 570 | 1 880 | 4 145 | 2 330 | 5 135 |
| 35 | 22.5 | 845 | 1 865 | 1 090 | 2 405 | 1 350 | 2 975 | 1 590 | 3 505 | 1 840 | 4 055 | 2 290 | 5 050 |
| 40 | 25 | 825 | 1 820 | 1 060 | 2 335 | 1 320 | 2 910 | 1 550 | 3 415 | 1 800 | 3 970 | 2 240 | 4 940 |
| 45 | 28 | - | - | 1 030 | 2 270 | 1 280 | 2 820 | 1 510 | 3 330 | 1 750 | 3 860 | 2 180 | 4 805 |
| 50 | 30 | - | - | 1 000 | 2 205 | 1 250 | 2 755 | 1 460 | 3 220 | 1 700 | 3 750 | 2 110 | 4 650 |
| 65 | 40 | - | - | 925 | 2 040 | 1 150 | 2 535 | 1 360 | 3 000 | 1 550 | 3 415 | 1 950 | 4 300 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 155 | 41 | 115 | 30 | 95 | 25 | 49 | 110 | 144 | 315 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 500/70R24 – T445467

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445467 | 500/70R24 (19.5LR24)[1] | 159 D | DW16L | DW15L, DW18L | 503 | 19.8 | 1 310 | 51.6 | 585 | 23.0 | 3 958 | 155.8 | 610 | 400 | 58 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 460 | 7 630 | 4 500 | 9 920 | 5 440 | 11 995 | 6 450 | 14 220 | 7 500 | 16 535 | 9 500 | 20 945 | 11 500 | 25 355 |
| 5 | 2.5 | 2 180 | 4 805 | 2 830 | 6 240 | 3 440 | 7 585 | 4 060 | 8 950 | 4 720 | 10 405 | 6 000 | 13 230 | 7 250 | 15 985 |
| 10 | 5 | 1 880 | 4 145 | 2 440 | 5 380 | 2 950 | 6 505 | 3 500 | 7 715 | 4 080 | 8 995 | 5 160 | 11 375 | 6 250 | 13 780 |
| 15 | 10 | 1 700 | 3 750 | 2 210 | 4 870 | 2 670 | 5 885 | 3 180 | 7 010 | 3 680 | 8 115 | 4 680 | 10 320 | 5 660 | 12 480 |
| 20 | 12.5 | 1 640 | 3 615 | 2 130 | 4 695 | 2 580 | 5 690 | 3 060 | 6 745 | 3 560 | 7 850 | 4 500 | 9 920 | 5 460 | 12 035 |
| 25 | 15 | 1 590 | 3 505 | 2 070 | 4 565 | 2 510 | 5 535 | 2 970 | 6 550 | 3 460 | 7 630 | 4 380 | 9 655 | 5 300 | 11 685 |
| 30 | 20 | 1 560 | 3 440 | 2 030 | 4 475 | 2 460 | 5 425 | 2 920 | 6 435 | 3 380 | 7 450 | 4 300 | 9 480 | 5 200 | 11 465 |
| 35 | 22.5 | 1 530 | 3 375 | 1 990 | 4 385 | 2 410 | 5 315 | 2 860 | 6 305 | 3 320 | 7 320 | 4 220 | 9 305 | 5 100 | 11 245 |
| 40 | 25 | 1 500 | 3 305 | 1 950 | 4 300 | 2 360 | 5 205 | 2 800 | 6 175 | 3 250 | 7 165 | 4 125 | 9 095 | 5 000 | 11 025 |
| 45 | 28 | - | - | 1 900 | 4 190 | 2 290 | 5 050 | 2 720 | 5 995 | 3 160 | 6 965 | 4 020 | 8 860 | 4 860 | 10 715 |
| 50 | 30 | - | - | 1 840 | 4 055 | 2 220 | 4 895 | 2 640 | 5 820 | 3 060 | 6 745 | 3 880 | 8 555 | 4 700 | 10 360 |
| 65 | 40 | - | - | 1 700 | 3 750 | 2 060 | 4 540 | 2 430 | 5 355 | 2 800 | 6 175 | 3 650 | 8 045 | 4 375 | 9 645 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 415 | 110 | 310 | 82 | 255 | 67 | 130 | 285 | 385 | 850 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55116 | TR 218A |



# Nokian TRI 2 600/70R30 – T445657

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445657 | 600/70R30 | 166 D | DW20B | DW18L | 600 | 24 | 1 566 | 61.7 | 702 | 27.6 | 4 756 | 187.2 | 750 | 320 | 46 | 6 360 | 13 990 | 6 095 | 13 410 | 5 725 | 12 595 | 5 300 | 11 660 | 32 | 40 | - | - |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 150 | 11 325 | 6 600 | 14 520 | 7 920 | 17 425 | 9 370 | 20 620 | 10 890 | 23 960 | 12 210 | 26 860 | 13 990 | 30 780 |
| 5 | 3 | 3 255 | 7 165 | 4 175 | 9 185 | 5 010 | 11 020 | 5 930 | 13 045 | 6 890 | 15 155 | 7 725 | 16 990 | 8 850 | 19 470 |
| 10 | 6 | 2 810 | 6 180 | 3 600 | 7 920 | 4 320 | 9 505 | 5 110 | 11 245 | 5 940 | 13 070 | 6 660 | 14 650 | 7 630 | 16 790 |
| 20 | 12 | 2 455 | 5 405 | 3 150 | 6 930 | 3 780 | 8 315 | 4 475 | 9 840 | 5 200 | 11 435 | 5 830 | 12 820 | 6 680 | 14 690 |
| 25 | 16 | 2 380 | 5 235 | 3 050 | 6 710 | 3 660 | 8 050 | 4 330 | 9 530 | 5 035 | 11 070 | 5 645 | 12 415 | 6 465 | 14 225 |
| 30 | 19 | 2 340 | 5 150 | 3 000 | 6 600 | 3 600 | 7 920 | 4 260 | 9 370 | 4 950 | 10 890 | 5 550 | 12 210 | 6 360 | 13 990 |
| 35 | 22 | 2 300 | 5 060 | 2 950 | 6 490 | 3 540 | 7 790 | 4 190 | 9 215 | 4 870 | 10 710 | 5 460 | 12 005 | 6 255 | 13 760 |
| 40 | 25 | 2 245 | 4 935 | 2 875 | 6 325 | 3 450 | 7 590 | 4 085 | 8 980 | 4 745 | 10 435 | 5 320 | 11 700 | 6 095 | 13 410 |
| 45 | 28 | 2 185 | 4 805 | 2 800 | 6 160 | 3 360 | 7 390 | 3 975 | 8 745 | 4 620 | 10 165 | 5 180 | 11 395 | 5 935 | 13 060 |
| 50 | 31 | | | 2 700 | 5 940 | 3 240 | 7 130 | 3 835 | 8 435 | 4 455 | 9 800 | 4 995 | 10 990 | 5 725 | 12 595 |
| 65 | 40 | | | 2 500 | 5 500 | 3 000 | 6 600 | 3 550 | 7 810 | 4 125 | 9 075 | 4 625 | 10 175 | 5 300 | 11 660 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 640 | 169 | 480 | 127 | 394 | 104 | 201 | 442 | 595 | 1 308 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian TRI 2 710/70R42 – T445655

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445655 | 710/70R42 | 180 D | DW23B | - | 710 | 28 | 2 045 | 80.5 | 923 | 36.3 | 6 255 | 246.3 | 975 | 320 | 46 | 9 600 | 21 120 | 9 200 | 20 240 | 8 640 | 19 010 | 8 000 | 17 600 | 37 | 47 | - | - |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 7 655 | 16 845 | 9 900 | 21 780 | 12 210 | 26 860 | 14 390 | 31 655 | 16 630 | 36 590 | 18 745 | 41 235 | 21 120 | 46 465 |
| 5 | 3 | 4 845 | 10 655 | 6 265 | 13 780 | 7 725 | 16 990 | 9 100 | 20 025 | 10 520 | 23 145 | 11 855 | 26 085 | 13 360 | 29 390 |
| 10 | 6 | 4 175 | 9 185 | 5 400 | 11 880 | 6 660 | 14 650 | 7 850 | 17 265 | 9 070 | 19 960 | 10 225 | 22 495 | 11 520 | 25 345 |
| 20 | 12 | 3 655 | 8 040 | 4 725 | 10 395 | 5 830 | 12 820 | 6 865 | 15 105 | 7 940 | 17 465 | 8 945 | 19 680 | 10 080 | 22 175 |
| 25 | 16 | 3 540 | 7 785 | 4 575 | 10 065 | 5 645 | 12 415 | 6 650 | 14 630 | 7 685 | 16 910 | 8 660 | 19 055 | 9 760 | 21 470 |
| 30 | 19 | 3 480 | 7 655 | 4 500 | 9 900 | 5 550 | 12 210 | 6 540 | 14 390 | 7 560 | 16 630 | 8 520 | 18 745 | 9 600 | 21 120 |
| 35 | 22 | 3 420 | 7 530 | 4 425 | 9 735 | 5 460 | 12 005 | 6 430 | 14 150 | 7 435 | 16 355 | 8 380 | 18 430 | 9 440 | 20 770 |
| 40 | 25 | 3 335 | 7 335 | 4 315 | 9 490 | 5 320 | 11 700 | 6 270 | 13 790 | 7 245 | 15 940 | 8 165 | 17 965 | 9 200 | 20 240 |
| 45 | 28 | 3 250 | 7 145 | 4 200 | 9 240 | 5 180 | 11 395 | 6 105 | 13 430 | 7 055 | 15 525 | 7 950 | 17 495 | 8 960 | 19 710 |
| 50 | 31 | | | 4 050 | 8 910 | 4 995 | 10 990 | 5 885 | 12 950 | 6 805 | 14 970 | 7 670 | 16 870 | 8 640 | 19 010 |
| 65 | 40 | | | 3 750 | 8 250 | 4 625 | 10 175 | 5 450 | 11 990 | 6 300 | 13 860 | 7 100 | 15 620 | 8 000 | 17 600 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 255 | 332 | 941 | 249 | 772 | 204 | 394 | 866 | 1 166 | 2 565 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian TRI 2 420/65R24 – T445392

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445392 | 420/65R24 | 146 D | DW13 | W12, W13, W14L, DW12, DW14L, DW15L | 418 | 16.5 | 1 156 | 45.5 | 525 | 20.7 | 3 493 | 137.5 | 550 | 400 | 58 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 26 | 33 | 21.5 | 27 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 370 | 5 225 | 3 140 | 6 920 | 3 800 | 8 375 | 4 500 | 9 920 | 5 160 | 11 375 | 6 450 | 14 220 | 7 950 | 17 525 |
| 5 | 2.5 | 1 500 | 3 305 | 1 980 | 4 365 | 2 400 | 5 290 | 2 830 | 6 240 | 3 260 | 7 185 | 4 060 | 8 950 | 5 020 | 11 065 |
| 10 | 5 | 1 290 | 2 845 | 1 700 | 3 750 | 2 070 | 4 565 | 2 440 | 5 380 | 2 800 | 6 175 | 3 500 | 7 715 | 4 320 | 9 525 |
| 15 | 10 | 1 170 | 2 580 | 1 540 | 3 395 | 1 870 | 4 125 | 2 210 | 4 870 | 2 540 | 5 600 | 3 180 | 7 010 | 3 900 | 8 600 |
| 20 | 12.5 | 1 130 | 2 490 | 1 490 | 3 285 | 1 800 | 3 970 | 2 130 | 4 695 | 2 450 | 5 400 | 3 060 | 6 745 | 3 780 | 8 335 |
| 25 | 15 | 1 100 | 2 425 | 1 450 | 3 195 | 1 750 | 3 860 | 2 070 | 4 565 | 2 380 | 5 245 | 2 970 | 6 550 | 3 660 | 8 070 |
| 30 | 20 | 1 080 | 2 380 | 1 420 | 3 130 | 1 720 | 3 790 | 2 030 | 4 475 | 2 330 | 5 135 | 2 920 | 6 435 | 3 600 | 7 935 |
| 35 | 22.5 | 1 060 | 2 335 | 1 390 | 3 065 | 1 690 | 3 725 | 1 990 | 4 385 | 2 290 | 5 050 | 2 860 | 6 305 | 3 520 | 7 760 |
| 40 | 25 | 1 030 | 2 270 | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 | 3 450 | 7 605 |
| 45 | 28 | - | - | 1 320 | 2 910 | 1 610 | 3 550 | 1 900 | 4 190 | 2 180 | 4 805 | 2 720 | 5 995 | 3 360 | 7 405 |
| 50 | 30 | - | - | 1 280 | 2 820 | 1 560 | 3 440 | 1 840 | 4 055 | 2 110 | 4 650 | 2 640 | 5 820 | 3 260 | 7 185 |
| 65 | 40 | - | - | 1 180 | 2 600 | 1 450 | 3 195 | 1 700 | 3 750 | 1 950 | 4 300 | 2 430 | 5 355 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 220 | 58 | 165 | 44 | 135 | 36 | 69 | 150 | 204 | 450 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55100 | TR 218A |



# Nokian TRI 2 460/65R24 – T445393

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445393 | 460/65R24 | 151 D | DW14L | W15L, W16L, DW15L, DW16L | 454 | 17.9 | 1 208 | 47.6 | 550 | 21.7 | 3 638 | 143.2 | 575 | 400 | 58 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 800 | 6 175 | 3 580 | 7 890 | 4 380 | 9 655 | 5 160 | 11 375 | 5 940 | 13 095 | 7 500 | 16 535 | 9 200 | 20 280 |
| 5 | 2.5 | 1 770 | 3 900 | 2 250 | 4 960 | 2 760 | 6 085 | 3 260 | 7 185 | 3 740 | 8 245 | 4 720 | 10 405 | 5 800 | 12 785 |
| 10 | 5 | 1 520 | 3 350 | 1 940 | 4 275 | 2 380 | 5 245 | 2 800 | 6 175 | 3 220 | 7 100 | 4 080 | 8 995 | 5 000 | 11 025 |
| 15 | 10 | 1 380 | 3 040 | 1 760 | 3 880 | 2 150 | 4 740 | 2 540 | 5 600 | 2 910 | 6 415 | 3 680 | 8 115 | 4 520 | 9 965 |
| 20 | 12.5 | 1 330 | 2 930 | 1 690 | 3 725 | 2 080 | 4 585 | 2 450 | 5 400 | 2 810 | 6 195 | 3 560 | 7 850 | 4 360 | 9 610 |
| 25 | 15 | 1 290 | 2 845 | 1 650 | 3 640 | 2 020 | 4 455 | 2 380 | 5 245 | 2 730 | 6 020 | 3 460 | 7 630 | 4 240 | 9 350 |
| 30 | 20 | 1 270 | 2 800 | 1 620 | 3 570 | 1 980 | 4 365 | 2 330 | 5 135 | 2 680 | 5 910 | 3 380 | 7 450 | 4 160 | 9 170 |
| 35 | 22.5 | 1 240 | 2 735 | 1 590 | 3 505 | 1 940 | 4 275 | 2 290 | 5 050 | 2 630 | 5 800 | 3 320 | 7 320 | 4 080 | 8 995 |
| 40 | 25 | 1 215 | 2 680 | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 575 | 5 675 | 3 250 | 7 165 | 4 000 | 8 820 |
| 45 | 28 | - | - | 1 510 | 3 330 | 1 850 | 4 080 | 2 180 | 4 805 | 2 500 | 5 510 | 3 160 | 6 965 | 3 880 | 8 555 |
| 50 | 30 | - | - | 1 460 | 3 220 | 1 790 | 3 945 | 2 110 | 4 650 | 2 430 | 5 355 | 3 060 | 6 745 | 3 760 | 8 290 |
| 65 | 40 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 | 3 450 | 7 605 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 270 | 71 | 205 | 54 | 166 | 44 | 85 | 185 | 251 | 555 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55111 | TR 218A |



# Nokian TRI 2 540/65R24 – T445420

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445420 | 540/65R24 | 154 D | DW18L | DW16L | 550 | 21.7 | 1 312 | 51.7 | 587 | 23.1 | 3 952 | 155.6 | 625 | 320 | 46 | 4 420 | 9 745 | 4 250 | 9 370 | 4 000 | 8 820 | 3 750 | 8 265 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 580 | 7 890 | 4 600 | 10 140 | 5 600 | 12 345 | 6 700 | 14 770 | 7 750 | 17 085 | 9 800 | 21 605 |
| 5 | 2.5 | 2 250 | 4 960 | 2 900 | 6 395 | 3 540 | 7 805 | 4 220 | 9 305 | 4 860 | 10 715 | 6 200 | 13 670 |
| 10 | 5 | 1 940 | 4 275 | 2 500 | 5 510 | 3 040 | 6 700 | 3 640 | 8 025 | 4 200 | 9 260 | 5 320 | 11 730 |
| 15 | 10 | 1 760 | 3 880 | 2 260 | 4 980 | 2 750 | 6 065 | 3 280 | 7 230 | 3 800 | 8 375 | 4 820 | 10 625 |
| 20 | 12.5 | 1 690 | 3 725 | 2 180 | 4 805 | 2 650 | 5 840 | 3 180 | 7 010 | 3 660 | 8 070 | 4 640 | 10 230 |
| 25 | 15 | 1 650 | 3 640 | 2 120 | 4 675 | 2 580 | 5 690 | 3 080 | 6 790 | 3 560 | 7 850 | 4 520 | 9 965 |
| 30 | 20 | 1 620 | 3 570 | 2 080 | 4 585 | 2 530 | 5 580 | 3 020 | 6 660 | 3 500 | 7 715 | 4 420 | 9 745 |
| 35 | 22.5 | 1 590 | 3 505 | 2 040 | 4 495 | 2 480 | 5 465 | 2 960 | 6 525 | 3 420 | 7 540 | 4 340 | 9 570 |
| 40 | 25 | 1 550 | 3 415 | 2 000 | 4 410 | 2 430 | 5 355 | 2 900 | 6 395 | 3 350 | 7 385 | 4 250 | 9 370 |
| 45 | 28 | - | - | 1 940 | 4 275 | 2 360 | 5 205 | 2 820 | 6 215 | 3 260 | 7 185 | 4 140 | 9 125 |
| 50 | 30 | - | - | 1 880 | 4 145 | 2 290 | 5 050 | 2 730 | 6 020 | 3 160 | 6 965 | 4 000 | 8 820 |
| 65 | 40 | - | - | 1 750 | 3 860 | 2 120 | 4 675 | 2 500 | 5 510 | 2 900 | 6 395 | 3 750 | 8 265 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 415 | 110 | 310 | 82 | 255 | 67 | 130 | 285 | 386 | 850 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55116 | TR 218A |



# Nokian TRI 2 480/65R28 – T445444

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445444 | 480/65R28 | 149 D | DW15L | DW14L, DW16L | 479 | 18.9 | 1 335 | 52.6 | 604 | 23.8 | 4 040 | 159.1 | 650 | 320 | 46 | 3 900 | 8 600 | 3 750 | 8 265 | 3 540 | 7 805 | 3 250 | 7 165 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 140 | 6 920 | 4 040 | 8 905 | 5 020 | 11 065 | 5 940 | 13 095 | 6 700 | 14 770 | 8 650 | 19 070 |
| 5 | 2.5 | 1 980 | 4 365 | 2 540 | 5 600 | 3 180 | 7 010 | 3 740 | 8 245 | 4 220 | 9 305 | 5 440 | 11 995 |
| 10 | 5 | 1 700 | 3 750 | 2 190 | 4 830 | 2 730 | 6 020 | 3 220 | 7 100 | 3 640 | 8 025 | 4 700 | 10 360 |
| 15 | 10 | 1 540 | 3 395 | 1 980 | 4 365 | 2 470 | 5 445 | 2 910 | 6 415 | 3 280 | 7 230 | 4 240 | 9 350 |
| 20 | 12.5 | 1 490 | 3 285 | 1 910 | 4 210 | 2 380 | 5 245 | 2 810 | 6 195 | 3 180 | 7 010 | 4 100 | 9 040 |
| 25 | 15 | 1 450 | 3 195 | 1 860 | 4 100 | 2 320 | 5 115 | 2 730 | 6 020 | 3 080 | 6 790 | 3 980 | 8 775 |
| 30 | 20 | 1 420 | 3 130 | 1 820 | 4 010 | 2 270 | 5 005 | 2 680 | 5 910 | 3 020 | 6 660 | 3 900 | 8 600 |
| 35 | 22.5 | 1 390 | 3 065 | 1 790 | 3 945 | 2 230 | 4 915 | 2 630 | 5 800 | 2 960 | 6 525 | 3 840 | 8 465 |
| 40 | 25 | 1 360 | 3 000 | 1 750 | 3 860 | 2 180 | 4 805 | 2 575 | 5 675 | 2 900 | 6 395 | 3 750 | 8 265 |
| 45 | 28 | - | - | 1 700 | 3 750 | 2 120 | 4 675 | 2 500 | 5 510 | 2 820 | 6 215 | 3 640 | 8 025 |
| 50 | 30 | - | - | 1 650 | 3 640 | 2 050 | 4 520 | 2 430 | 5 355 | 2 730 | 6 020 | 3 540 | 7 805 |
| 65 | 40 | - | - | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 500 | 5 510 | 3 250 | 7 165 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 345 | 91 | 260 | 69 | 212 | 56 | 108 | 240 | 321 | 710 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 540/65R28 – T445442

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445442 | 540/65R28 | 155 D | DW18L | DW16L | 550 | 21.7 | 1 413 | 55.6 | 641 | 25.2 | 4 273 | 168.2 | 675 | 320 | 46 | 4 680 | 10 320 | 4 500 | 9 920 | 4 240 | 9 350 | 3 875 | 8 545 | 28 | 35 | 23 | 29 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 800 | 8 375 | 4 880 | 10 760 | 5 940 | 13 095 | 7 100 | 15 655 | 8 200 | 18 080 | 10 350 | 22 820 |
| 5 | 2.5 | 2 400 | 5 290 | 3 080 | 6 790 | 3 740 | 8 245 | 4 460 | 9 835 | 5 160 | 11 375 | 6 550 | 14 440 |
| 10 | 5 | 2 070 | 4 565 | 2 650 | 5 840 | 3 220 | 7 100 | 3 860 | 8 510 | 4 440 | 9 790 | 5 640 | 12 435 |
| 15 | 10 | 1 870 | 4 125 | 2 400 | 5 290 | 2 910 | 6 415 | 3 480 | 7 670 | 4 020 | 8 860 | 5 100 | 11 245 |
| 20 | 12.5 | 1 800 | 3 970 | 2 320 | 5 115 | 2 810 | 6 195 | 3 360 | 7 405 | 3 880 | 8 555 | 4 920 | 10 845 |
| 25 | 15 | 1 750 | 3 860 | 2 250 | 4 960 | 2 730 | 6 020 | 3 260 | 7 185 | 3 780 | 8 335 | 4 780 | 10 540 |
| 30 | 20 | 1 720 | 3 790 | 2 210 | 4 870 | 2 680 | 5 910 | 3 200 | 7 055 | 3 700 | 8 155 | 4 680 | 10 320 |
| 35 | 22.5 | 1 690 | 3 725 | 2 170 | 4 785 | 2 630 | 5 800 | 3 140 | 6 920 | 3 640 | 8 025 | 4 600 | 10 140 |
| 40 | 25 | 1 650 | 3 640 | 2 120 | 4 675 | 2 575 | 5 675 | 3 075 | 6 780 | 3 550 | 7 825 | 4 500 | 9 920 |
| 45 | 28 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 2 990 | 6 590 | 3 460 | 7 630 | 4 380 | 9 655 |
| 50 | 30 | - | - | 2 000 | 4 410 | 2 430 | 5 355 | 2 900 | 6 395 | 3 340 | 7 365 | 4 240 | 9 350 |
| 65 | 40 | - | - | 1 850 | 4 080 | 2 240 | 4 940 | 2 725 | 6 010 | 3 075 | 6 780 | 3 875 | 8 545 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 450 | 119 | 340 | 90 | 277 | 73 | 141 | 310 | 418 | 920 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T545229 | TR 218A |



# Nokian TRI 2 540/65R30 – T445371

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445371 | 540/65R30 | 156 D | DW18L | DW16L | 550 | 21.7 | 1 464 | 57.6 | 667 | 26.3 | 4 417 | 173.9 | 700 | 320 | 46 | 4 820 | 10 625 | 4 625 | 10 195 | 4 360 | 9 610 | 4 000 | 8 820 | 30 | 38 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 920 | 8 640 | 5 020 | 11 065 | 6 100 | 13 450 | 7 250 | 15 985 | 8 400 | 18 520 | 10 650 | 23 480 |
| 5 | 2.5 | 2 470 | 5 445 | 3 180 | 7 010 | 3 860 | 8 510 | 4 580 | 10 095 | 5 300 | 11 685 | 6 750 | 14 880 |
| 10 | 5 | 2 130 | 4 695 | 2 730 | 6 020 | 3 320 | 7 320 | 3 940 | 8 685 | 4 580 | 10 095 | 5 800 | 12 785 |
| 15 | 10 | 1 930 | 4 255 | 2 470 | 5 445 | 3 000 | 6 615 | 3 560 | 7 850 | 4 140 | 9 125 | 5 240 | 11 550 |
| 20 | 12.5 | 1 860 | 4 100 | 2 380 | 5 245 | 2 890 | 6 370 | 3 440 | 7 585 | 3 980 | 8 775 | 5 060 | 11 155 |
| 25 | 15 | 1 810 | 3 990 | 2 320 | 5 115 | 2 810 | 6 195 | 3 340 | 7 365 | 3 880 | 8 555 | 4 920 | 10 845 |
| 30 | 20 | 1 770 | 3 900 | 2 270 | 5 005 | 2 760 | 6 085 | 3 280 | 7 230 | 3 800 | 8 375 | 4 820 | 10 625 |
| 35 | 22.5 | 1 740 | 3 835 | 2 230 | 4 915 | 2 710 | 5 975 | 3 220 | 7 100 | 3 740 | 8 245 | 4 720 | 10 405 |
| 40 | 25 | 1 700 | 3 750 | 2 180 | 4 805 | 2 650 | 5 840 | 3 150 | 6 945 | 3 650 | 8 045 | 4 625 | 10 195 |
| 45 | 28 | - | - | 2 120 | 4 675 | 2 580 | 5 690 | 3 060 | 6 745 | 3 560 | 7 850 | 4 500 | 9 920 |
| 50 | 30 | - | - | 2 050 | 4 520 | 2 500 | 5 510 | 2 970 | 6 550 | 3 440 | 7 585 | 4 360 | 9 610 |
| 65 | 40 | - | - | 1 900 | 4 190 | 2 300 | 5 070 | 2 725 | 6 010 | 3 150 | 6 945 | 4 000 | 8 820 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 470 | 124 | 355 | 94 | 289 | 76 | 147 | 325 | 437 | 965 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55371 | TR 218A |



# Nokian TRI 2 600/65R34 – T445656

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445656 | 600/65R34 | 164 D | DW20B | DW18L | 600 | 24 | 1 619 | 63.7 | 736 | 29.0 | 4 935 | 194.3 | 775 | 320 | 46 | 6 000 | 13 200 | 5 750 | 12 650 | 5 400 | 11 880 | 5 000 | 11 000 | 32 | 40 | - | - |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 885 | 10 745 | 6 230 | 13 705 | 7 655 | 16 845 | 8 845 | 19 455 | 10 230 | 22 505 | 11 880 | 26 135 | 13 200 | 29 040 |
| 5 | 3 | 3 090 | 6 795 | 3 940 | 8 670 | 4 845 | 10 655 | 5 595 | 12 310 | 6 470 | 14 235 | 7 515 | 16 535 | 8 350 | 18 370 |
| 10 | 6 | 2 665 | 5 860 | 3 400 | 7 475 | 4 175 | 9 185 | 4 825 | 10 615 | 5 580 | 12 275 | 6 480 | 14 255 | 7 200 | 15 840 |
| 20 | 12 | 2 330 | 5 130 | 2 975 | 6 540 | 3 655 | 8 040 | 4 220 | 9 285 | 4 885 | 10 740 | 5 670 | 12 475 | 6 300 | 13 860 |
| 25 | 16 | 2 255 | 4 965 | 2 880 | 6 335 | 3 540 | 7 785 | 4 085 | 8 990 | 4 730 | 10 400 | 5 490 | 12 080 | 6 100 | 13 420 |
| 30 | 19 | 2 220 | 4 885 | 2 830 | 6 230 | 3 480 | 7 655 | 4 020 | 8 845 | 4 650 | 10 230 | 5 400 | 11 880 | 6 000 | 13 200 |
| 35 | 22 | 2 185 | 4 805 | 2 785 | 6 125 | 3 420 | 7 530 | 3 955 | 8 695 | 4 575 | 10 060 | 5 310 | 11 680 | 5 900 | 12 980 |
| 40 | 25 | 2 130 | 4 680 | 2 715 | 5 970 | 3 335 | 7 335 | 3 855 | 8 475 | 4 455 | 9 805 | 5 175 | 11 385 | 5 750 | 12 650 |
| 45 | 28 | 2 070 | 4 560 | 2 645 | 5 815 | 3 250 | 7 145 | 3 750 | 8 255 | 4 340 | 9 550 | 5 040 | 11 090 | 5 600 | 12 320 |
| 50 | 31 | | | 2 550 | 5 605 | 3 130 | 6 890 | 3 620 | 7 960 | 4 185 | 9 205 | 4 860 | 10 690 | 5 400 | 11 880 |
| 65 | 40 | | | 2 360 | 5 192 | 2 900 | 6 380 | 3 350 | 7 370 | 3 875 | 8 525 | 4 500 | 9 900 | 5 000 | 11 000 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 635 | 168 | 476 | 126 | 391 | 103 | 199 | 438 | 590 | 1 298 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian TRI 2 600/65R38 – T445445

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445445 | 600/65R38 | 166 D | DW18L | DW20B | 591 | 23.3 | 1 745 | 68.7 | 790 | 31.1 | 5 290 | 208.3 | 825 | 320 | 46 | 6 250 | 13 780 | 6 000 | 13 230 | 5 640 | 12 435 | 5 300 | 11 685 | 30 | 38 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 160 | 11 375 | 6 700 | 14 770 | 8 200 | 18 080 | 9 500 | 20 945 | 10 950 | 24 140 | 13 800 | 30 425 |
| 5 | 2.5 | 3 260 | 7 185 | 4 220 | 9 305 | 5 160 | 11 375 | 6 000 | 13 230 | 6 900 | 15 210 | 8 700 | 19 180 |
| 10 | 5 | 2 800 | 6 175 | 3 640 | 8 025 | 4 440 | 9 790 | 5 160 | 11 375 | 5 940 | 13 095 | 7 500 | 16 535 |
| 15 | 10 | 2 540 | 5 600 | 3 280 | 7 230 | 4 020 | 8 860 | 4 680 | 10 320 | 5 380 | 11 860 | 6 800 | 14 990 |
| 20 | 12.5 | 2 450 | 5 400 | 3 180 | 7 010 | 3 880 | 8 555 | 4 500 | 9 920 | 5 180 | 11 420 | 6 550 | 14 440 |
| 25 | 15 | 2 380 | 5 245 | 3 080 | 6 790 | 3 780 | 8 335 | 4 380 | 9 655 | 5 040 | 11 110 | 6 400 | 14 110 |
| 30 | 20 | 2 330 | 5 135 | 3 020 | 6 660 | 3 700 | 8 155 | 4 300 | 9 480 | 4 940 | 10 890 | 6 250 | 13 780 |
| 35 | 22.5 | 2 290 | 5 050 | 2 960 | 6 525 | 3 640 | 8 025 | 4 220 | 9 305 | 4 860 | 10 715 | 6 150 | 13 560 |
| 40 | 25 | 2 240 | 4 940 | 2 900 | 6 395 | 3 550 | 7 825 | 4 125 | 9 095 | 4 750 | 10 470 | 6 000 | 13 230 |
| 45 | 28 | - | - | 2 820 | 6 215 | 3 460 | 7 630 | 4 020 | 8 860 | 4 620 | 10 185 | 5 820 | 12 830 |
| 50 | 30 | - | - | 2 730 | 6 020 | 3 340 | 7 365 | 3 880 | 8 555 | 4 480 | 9 875 | 5 640 | 12 435 |
| 65 | 40 | - | - | 2 500 | 5 510 | 3 075 | 6 780 | 3 650 | 8 045 | 4 125 | 9 095 | 5 300 | 11 685 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 720 | 190 | 540 | 143 | 443 | 117 | 226 | 500 | 669 | 1 475 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55445 | TR 218A |



# Nokian TRI 2 650/65R38 – T445443

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445443 | 650/65R38 | 170 D | DW20B | DW18L, DW23B | 645 | 25.4 | 1 811 | 71.3 | 819 | 32.2 | 5 510 | 216.9 | 875 | 320 | 46 | 7 200 | 15 875 | 6 900 | 15 210 | 6 500 | 14 330 | 6 000 | 13 230 | 33 | 42 | 28 | 35 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 760 | 12 700 | 7 500 | 16 535 | 9 200 | 20 280 | 10 950 | 24 140 | 12 550 | 27 670 | 15 900 | 35 055 |
| 5 | 2.5 | 3 640 | 8 025 | 4 720 | 10 405 | 5 800 | 12 785 | 6 900 | 15 210 | 7 950 | 17 525 | 10 050 | 22 155 |
| 10 | 5 | 3 140 | 6 920 | 4 080 | 8 995 | 5 000 | 11 025 | 5 940 | 13 095 | 6 850 | 15 100 | 8 650 | 19 070 |
| 15 | 10 | 2 830 | 6 240 | 3 680 | 8 115 | 4 520 | 9 965 | 5 380 | 11 860 | 6 200 | 13 670 | 7 800 | 17 195 |
| 20 | 12.5 | 2 730 | 6 020 | 3 560 | 7 850 | 4 360 | 9 610 | 5 180 | 11 420 | 5 960 | 13 140 | 7 550 | 16 645 |
| 25 | 15 | 2 650 | 5 840 | 3 460 | 7 630 | 4 240 | 9 350 | 5 040 | 11 110 | 5 780 | 12 745 | 7 350 | 16 205 |
| 30 | 20 | 2 600 | 5 730 | 3 380 | 7 450 | 4 160 | 9 170 | 4 940 | 10 890 | 5 680 | 12 520 | 7 200 | 15 875 |
| 35 | 22.5 | 2 550 | 5 620 | 3 320 | 7 320 | 4 080 | 8 995 | 4 860 | 10 715 | 5 560 | 12 260 | 7 050 | 15 540 |
| 40 | 25 | 2 500 | 5 510 | 3 250 | 7 165 | 4 000 | 8 820 | 4 750 | 10 470 | 5 450 | 12 015 | 6 900 | 15 210 |
| 45 | 28 | - | - | 3 160 | 6 965 | 3 880 | 8 555 | 4 620 | 10 185 | 5 300 | 11 685 | 6 700 | 14 770 |
| 50 | 30 | - | - | 3 060 | 6 745 | 3 760 | 8 290 | 4 480 | 9 875 | 5 140 | 11 330 | 6 500 | 14 330 |
| 65 | 40 | - | - | 2 800 | 6 175 | 3 450 | 7 605 | 4 125 | 9 095 | 4 750 | 10 470 | 6 000 | 13 230 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 865 | 229 | 650 | 172 | 532 | 141 | 271 | 595 | 804 | 1 770 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 650/65R42 – T445390

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445390 | 650/65R42 | 171 D | DW20A | DW18L, DW23A | 645 | 25.4 | 1 913 | 75.3 | 873 | 34.4 | 5 799 | 228.3 | 925 | 320 | 46 | 7 400 | 16 315 | 7 100 | 15 655 | 6 700 | 14 770 | 6 150 | 13 560 | 33 | 42 | 28 | 35 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 6 100 | 13 450 | 7 950 | 17 525 | 9 500 | 20 945 | 11 250 | 24 800 | 12 900 | 28 440 | 16 350 | 36 045 |
| 5 | 2.5 | 3 860 | 8 510 | 5 020 | 11 065 | 6 000 | 13 230 | 7 100 | 15 655 | 8 150 | 17 965 | 10 300 | 22 705 |
| 10 | 5 | 3 320 | 7 320 | 4 320 | 9 525 | 5 160 | 11 375 | 6 100 | 13 450 | 7 000 | 15 430 | 8 900 | 19 620 |
| 15 | 10 | 3 000 | 6 615 | 3 900 | 8 600 | 4 680 | 10 320 | 5 520 | 12 170 | 6 350 | 14 000 | 8 050 | 17 745 |
| 20 | 12.5 | 2 890 | 6 370 | 3 780 | 8 335 | 4 500 | 9 920 | 5 320 | 11 730 | 6 150 | 13 560 | 7 750 | 17 085 |
| 25 | 15 | 2 810 | 6 195 | 3 660 | 8 070 | 4 380 | 9 655 | 5 180 | 11 420 | 5 940 | 13 095 | 7 550 | 16 645 |
| 30 | 20 | 2 760 | 6 085 | 3 600 | 7 935 | 4 300 | 9 480 | 5 080 | 11 200 | 5 840 | 12 875 | 7 400 | 16 315 |
| 35 | 22.5 | 2 710 | 5 975 | 3 520 | 7 760 | 4 220 | 9 305 | 4 980 | 10 980 | 5 720 | 12 610 | 7 250 | 15 985 |
| 40 | 25 | 2 650 | 5 840 | 3 450 | 7 605 | 4 125 | 9 095 | 4 875 | 10 745 | 5 600 | 12 345 | 7 100 | 15 655 |
| 45 | 28 | - | - | 3 360 | 7 405 | 4 020 | 8 860 | 4 740 | 10 450 | 5 440 | 11 995 | 6 900 | 15 210 |
| 50 | 30 | - | - | 3 260 | 7 185 | 3 880 | 8 555 | 4 600 | 10 140 | 5 280 | 11 640 | 6 700 | 14 770 |
| 65 | 40 | - | - | 3 000 | 6 615 | 3 650 | 8 045 | 4 250 | 9 370 | 4 875 | 10 745 | 6 150 | 13 560 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 925 | 244 | 695 | 184 | 645 | 170 | 290 | 640 | 935 | 2 060 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI 2 – all sizes

1) SB = STEEL BELTED

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | | | | |
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | | | | | | | | | mm | 32 nds in | mm | 32 nds in |
| T445579 | 320/85R28 | 136 D | DW10 | W9, W10, DW11 | 319 | 12.6 | 1 250 | 49.2 | 574 | 22.6 | 3 782 | 148.9 | 600 | 320 | 46 | 2 680 | 5 910 | 2 575 | 5 675 | 2 430 | 5 355 | 2 240 | 4 940 | 24 | 30 | 19.5 | 25 |
| T845495 | 250/80R16[1)] | 119 G | W8 | W7, 7J, 7.5J, 8J, 8.5J, W9, 9, 9.00, 9J | 268 | 10.6 | 814 | 32.0 | 383 | 15.1 | 2 488 | 98.0 | 390 | 450 | 65 | 1 820 | 4 010 | 1 750 | 3 860 | 1 650 | 3 640 | 1 550 | 3 415 | 17 | 21 | 13.5 | 17 |
| T445391 | 340/80R18 | 138 D | 11 | W10, W11, 12, W12 | 343 | 13.5 | 1 001 | 39.4 | 453 | 17.8 | 3 010 | 118.5 | 475 | 400 | 58 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 25 | 32 | 20.5 | 26 |
| T445389 | 360/80R20 | 143 D | 11 | W10, W11, 12, W12 | 357 | 14.1 | 1 092 | 43.0 | 495 | 19.5 | 3 280 | 129.1 | 500 | 400 | 58 | 3 200 | 7 055 | 3 075 | 6 780 | 2 900 | 6 395 | 2 725 | 6 010 | 26 | 33 | 21.5 | 27 |
| T445419 | 300/80R24 | 128 D | DW10 | W9, W10, W11, DW11 | 295 | 11.6 | 1 090 | 42.9 | 499 | 19.6 | 3 292 | 129.6 | 525 | 320 | 46 | 2 150 | 4 740 | 2 060 | 4 540 | 1 940 | 4 275 | 1 800 | 3 970 | 24 | 30 | 19.5 | 25 |
| T445376 | 340/80R24 | 135 D | DW11 | W10, W11, W12, DW10, DW12 | 343 | 13.5 | 1 154 | 45.4 | 532 | 20.9 | 3 487 | 137.3 | 550 | 320 | 46 | 2 600 | 5 730 | 2 500 | 5 510 | 2 350 | 5 180 | 2 180 | 4 805 | 25 | 32 | 20.5 | 26 |
| T445378 | 360/80R24 | 138 D | DW11 | W10, W11, W12, W13, DW10, DW12, DW13 | 357 | 14.1 | 1 186 | 46.7 | 542 | 21.3 | 3 581 | 141.0 | 575 | 320 | 46 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 26 | 33 | 21.5 | 27 |
| T445372 | 400/80R24 | 144 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 568 | 22.4 | 3 764 | 148.2 | 600 | 320 | 46 | 3 380 | 7 450 | 3 250 | 7 165 | 3 060 | 6 745 | 2 800 | 6 175 | 27 | 34 | 22.5 | 28 |
| T445385 | 440/80R24 | 149 D | DW14L | W15L, DW15L | 441 | 17.4 | 1 314 | 51.7 | 596 | 23.5 | 3 965 | 156.1 | 625 | 320 | 46 | 3 900 | 8 600 | 3 750 | 8 265 | 3 540 | 7 805 | 3 250 | 7 165 | 28 | 35 | 23.5 | 30 |
| T445550 | 360/80R28 | 142 D | DW11 | W11, W12, W13, DW12, DW13 | 357 | 14.1 | 1 302 | 51.3 | 595 | 23.4 | 3 946 | 155.4 | 625 | 320 | 46 | 3 120 | 6 880 | 3 000 | 6 615 | 2 820 | 6 215 | 2 650 | 5 840 | 26 | 33 | 21,5 | 27 |
| T445383 | 400/80R28 | 146 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 351 | 53.2 | 620 | 24.4 | 4 090 | 161.0 | 650 | 320 | 46 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 27 | 34 | 22.5 | 28 |
| T445337 | 440/80R28 | 151 D | DW14L | W15L, W16L, DW15L, DW16L | 441 | 17.4 | 1 415 | 55.7 | 644 | 25.4 | 4 266 | 168.0 | 675 | 320 | 46 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 28 | 35 | 23.5 | 30 |
| T445384 | 440/80R30 | 153 D | DW14L | DW15L, W16L | 441 | 17.4 | 1 466 | 57.7 | 670 | 26.4 | 4 430 | 174.4 | 700 | 320 | 46 | 4 300 | 9 480 | 4 125 | 9 095 | 3 880 | 8 555 | 3 650 | 8 045 | 28 | 35 | 23 | 29 |
| T445386 | 480/80R30 | 157 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 530 | 60.2 | 694 | 27.3 | 4 631 | 182.3 | 725 | 320 | 46 | 4 940 | 10 890 | 4 750 | 10 470 | 4 480 | 9 875 | 4 125 | 9 095 | 29 | 37 | 24 | 30 |
| T445369 | 440/80R34 | 155 D | DW14L | DW15L, DW16L | 441 | 17.4 | 1 568 | 61.7 | 717 | 28.2 | 4 750 | 187.0 | 750 | 320 | 46 | 4 560 | 10 055 | 4 375 | 9 645 | 4 120 | 9 085 | 3 875 | 8 545 | 28 | 35 | 23 | 29 |
| T445370 | 480/80R34 | 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 743 | 29.3 | 4 939 | 194.4 | 775 | 320 | 46 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 29 | 37 | 24 | 30 |
| T445377 | 480/80R38 | 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 793 | 31.2 | 5 265 | 207.3 | 825 | 320 | 46 | 5 520 | 12 170 | 5 300 | 11 685 | 5 000 | 11 025 | 4 625 | 10 195 | 29 | 37 | 24 | 30 |
| T445338 | 540/80R38 | 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 834 | 32.8 | 5 529 | 217.7 | 875 | 320 | 46 | 6 600 | 14 550 | 6 300 | 13 890 | 5 940 | 13 095 | 5 450 | 12 015 | 30 | 38 | 25 | 32 |
| T445518 | 620/80R42 | 177 D | DW20B | TW20B, DW21B, TW21B, DW23B, TW23B | 625 | 24.6 | 2 059 | 81.1 | 934 | 36.8 | 6 262 | 246.5 | 975 | 320 | 46 | 8 600 | 18 960 | 8 250 | 18 190 | 7 800 | 17 195 | 7 300 | 16 095 | 35 | 44 | 30 | 38 |
| T845538 | 270/75R15[1)] | 109 G | 8.5J | 7J, 7.5J, 8J, 8.5J, 9, 9.00, 9J, 9.5J | 277 | 10.9 | 784 | 30.9 | 364 | 14.3 | 2 393 | 94.2 | 370 | 450 | 65 | 1 880 | 4 145 | 1 800 | 3 970 | 1 700 | 3 750 | 1 550 | 3 415 | 15 | 19 | 13 | 16 |
| T845539 | 250/75R16[1)] | 120 G | W8 | W7, 7J, 7.5J, 8J, 8.5J, W9, 9, 9.00, 9J | 258 | 10.2 | 782 | 30.8 | 363 | 14.3 | 2 390 | 94.1 | 370 | 450 | 65 | 1 720 | 3 790 | 1 650 | 3 640 | 1 560 | 3 440 | 1 450 | 3 195 | 15 | 19 | 13 | 16 |
| T445569 | 360/70R20 | 131 D | W11 | W10, W12 | 357 | 14.1 | 1 028 | 40.5 | 469 | 18.5 | 3 104 | 122.2 | 500 | 320 | 46 | 2 330 | 5 135 | 2 240 | 4 940 | 2 110 | 4 650 | 1 950 | 4 300 | 26 | 33 | 21,5 | 27 |
| T445467 | 500/70R24 (19.5LR24)[1)] | 159 D | DW16L | DW15L, DW18L | 503 | 19.8 | 1 310 | 51.6 | 585 | 23.0 | 3 958 | 155.8 | 610 | 400 | 58 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 28 | 35 | 23.5 | 30 |
| T445657 | 600/70R30 | 166 D | DW20B | DW18L | 600 | 24 | 1 566 | 61.7 | 702 | 27.6 | 4 756 | 187.2 | 750 | 320 | 46 | 6 360 | 13 990 | 6 095 | 13 410 | 5 725 | 12 595 | 5 300 | 11 660 | 32 | 40 | - | - |
| T445655 | 710/70R42 | 180 D | DW23B | - | 710 | 28 | 2 045 | 80.5 | 923 | 36.3 | 6 255 | 246.3 | 975 | 320 | 46 | 9 600 | 21 120 | 9 200 | 20 240 | 8 640 | 19 010 | 8 000 | 17 600 | 37 | 47 | - | - |
| T445392 | 420/65R24 | 146 D | DW13 | W12, W13, W14L, DW12, DW14L, DW15L | 418 | 16.5 | 1 156 | 45.5 | 525 | 20.7 | 3 493 | 137.5 | 550 | 400 | 58 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 26 | 33 | 21.5 | 27 |
| T445393 | 460/65R24 | 151 D | DW14L | W15L, W16L, DW15L, DW16L | 454 | 17.9 | 1 208 | 47.6 | 550 | 21.7 | 3 638 | 143.2 | 575 | 400 | 58 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 28 | 35 | 23.5 | 30 |
| T445420 | 540/65R24 | 154 D | DW18L | DW16L | 550 | 21.7 | 1 312 | 51.7 | 587 | 23.1 | 3 952 | 155.6 | 625 | 320 | 46 | 4 420 | 9 745 | 4 250 | 9 370 | 4 000 | 8 820 | 3 750 | 8 265 | 28 | 35 | 23.5 | 30 |
| T445444 | 480/65R28 | 149 D | DW15L | DW14L, DW16L | 479 | 18.9 | 1 335 | 52.6 | 604 | 23.8 | 4 040 | 159.1 | 650 | 320 | 46 | 3 900 | 8 600 | 3 750 | 8 265 | 3 540 | 7 805 | 3 250 | 7 165 | 28 | 35 | 23.5 | 30 |
| T445442 | 540/65R28 | 155 D | DW18L | DW16L | 550 | 21.7 | 1 413 | 55.6 | 641 | 25.2 | 4 273 | 168.2 | 675 | 320 | 46 | 4 680 | 10 320 | 4 500 | 9 920 | 4 240 | 9 350 | 3 875 | 8 545 | 28 | 35 | 23 | 29 |
| T445371 | 540/65R30 | 156 D | DW18L | DW16L | 550 | 21.7 | 1 464 | 57.6 | 667 | 26.3 | 4 417 | 173.9 | 700 | 320 | 46 | 4 820 | 10 625 | 4 625 | 10 195 | 4 360 | 9 610 | 4 000 | 8 820 | 30 | 38 | 25 | 32 |
| T445656 | 600/65R34 | 164 D | DW20B | DW18L | 600 | 24 | 1 619 | 63.7 | 736 | 29.0 | 4 935 | 194.3 | 775 | 320 | 46 | 6 000 | 13 200 | 5 750 | 12 650 | 5 400 | 11 880 | 5 000 | 11 000 | 32 | 40 | - | - |
| T445445 | 600/65R38 | 166 D | DW18L | DW20B | 591 | 23.3 | 1 745 | 68.7 | 790 | 31.1 | 5 290 | 208.3 | 825 | 320 | 46 | 6 250 | 13 780 | 6 000 | 13 230 | 5 640 | 12 435 | 5 300 | 11 685 | 30 | 38 | 25 | 32 |
| T445443 | 650/65R38 | 170 D | DW20B | DW18L, DW23B | 645 | 25.4 | 1 811 | 71.3 | 819 | 32.2 | 5 510 | 216.9 | 875 | 320 | 46 | 7 200 | 15 875 | 6 900 | 15 210 | 6 500 | 14 330 | 6 000 | 13 230 | 33 | 42 | 28 | 35 |
| T445390 | 650/65R42 | 171 D | DW20A | DW18L, DW23A | 645 | 25.4 | 1 913 | 75.3 | 873 | 34.4 | 5 799 | 228.3 | 925 | 320 | 46 | 7 400 | 16 315 | 7 100 | 15 655 | 6 700 | 14 770 | 6 150 | 13 560 | 33 | 42 | 28 | 35 |

# NOKIAN HAKKAPELIITTA TRI




## Precise control and great efficiency

The first winter tire for tractors, Nokian Hakkapeliitta TRI, gives you all the grip you can get. Featuring all new rubber compound, tread pattern and contact profile, it's designed for single purpose: to give you all the grip, control and efficiency you need for demanding winter contracting.

- Precise control and great efficiency
- Driving comfort on class on its own
- Superior traction and lateral grip



## Sizes

More information on the **Nokian Hakkapeliitta TRI** sizes is available in the **Earthmoving and road maintenance equipment tires** section on **page 276**.

- Nokian Hakkapeliitta TRI 340/80R18 – T445665
- Nokian Hakkapeliitta TRI 360/80R20 – T445666
- Nokian Hakkapeliitta TRI 360/80R24 – T445587
- Nokian Hakkapeliitta TRI 400/80R24 – T445582
- Nokian Hakkapeliitta TRI 440/80R24 – T445634
- Nokian Hakkapeliitta TRI 400/80R28 – T445584
- Nokian Hakkapeliitta TRI 440/80R28 – T445563
- Nokian Hakkapeliitta TRI 440/80R34 – T445588
- Nokian Hakkapeliitta TRI 480/80R34 – T445583
- Nokian Hakkapeliitta TRI 480/80R38 – T445585
- Nokian Hakkapeliitta TRI 540/80R38 – T445564
- Nokian Hakkapeliitta TRI 400/70R20 – T445636
- Nokian Hakkapeliitta TRI 460/70R24 – T445669
- Nokian Hakkapeliitta TRI 500/70R24 – T445671
- Nokian Hakkapeliitta TRI 540/70R24 – T445672
- Nokian Hakkapeliitta TRI 420/65R24 – T445586
- Nokian Hakkapeliitta TRI 540/65R30 – T445609
- Nokian Hakkapeliitta TRI 650/65R42 – T445595
- Nokian Hakkapeliitta TRI 400/60R18 – T445667

# NOKIAN TRI 2 EXTREME STEEL




EXTREME
STEEL BELTED

- Tread rubber designed for extreme conditions, requiring constant use of chains, chain recommendation: Easy-chain from different chain manufacturers, all chain material under 9 mm by diameter
- Excellent wear resistance against tear and wear in rough on and off the road conditions
- Steel belts give good puncture resistance to tread area
- When used without chains the present TRI 2 has better winter grip

## Sizes

More information on the **Nokian TRI 2 Extreme Steel** sizes is available in the **Earthmoving and road maintenance equipment tires** section on **page 290**.

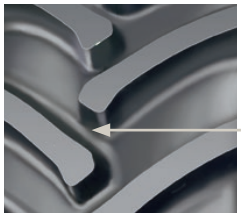
- Nokian TRI 2 Extreme Steel 400/80R24 – T445530
- Nokian TRI 2 Extreme Steel 440/80R24 – T445531
- Nokian TRI 2 Extreme Steel 440/80R28 – T445532
- Nokian TRI 2 Extreme Steel 480/80R34 – T445533
- Nokian TRI 2 Extreme Steel 480/80R38 – T445534
- Nokian TRI 2 Extreme Steel 540/80R38 – T445535

# NOKIAN TR MULTIPLUS




## Strong efficiency

- Strong radial tire for fields, earthmoving and light forestry use
- Excellent grip on all surfaces
- Excellent self cleaning properties
- Comfortable on transport application



Nokian TR Multiplus tread depth measuring point

## Sizes

More information on the **Nokian TR Multiplus** sizes is available in the **Forestry tires** section on **page 107**.

- Nokian TR Multiplus 500/65R24 – T445410
- Nokian TR Multiplus 500/65R28 – T445411
- Nokian TR Multiplus 540/65R28 – T445412
- Nokian TR Multiplus 600/65R34 – T445413
- Nokian TR Multiplus 600/65R38 – T445414
- Nokian TR Multiplus 650/65R38 – T445415

# CONTACT AREAS ON A HARD DRIVING SURFACE

TRI patterns have a significantly larger net contact area compared with traditional tractor drive tires. This results in significant improvement in friction rate, grip, and wear rate.

## Ground contact area ratios

**NORMAL TRACTOR DRIVE TIRE**



20–25 % NET CONTACT AREA

**NORMAL SECTION TRI**



42 % NET CONTACT AREA

**80 SERIES TRI 2**



39 % NET CONTACT AREA

**80 SERIES HAKKAPELIITTA TRI**



45 % NET CONTACT AREA

# CONTACT AREAS ON A HARD DRIVING SURFACE

## Contact area on hard surface

The deflection takes place only on the tire and not at all on the ground. The values in the table are valid at the nominal load and air pressure conditions.

## Contact area on soft soil

The deflection takes place mainly on the ground: the tire sinks 15% of its diameter into ground, but the deflection will recover to half of the original value.
It is impossible to compare actual measurements in different places, but comparison between different tire sizes is possible with the help of the table below.
Compared to the corresponding standard dimension TRI 2 tire commonly gives an appr. 5–10% larger contact area.
65 series tires will give an approximately 20 – 30% larger area compared to corresponding sizes with a normal section.

## Nokian TRI 2

| Size | Contact area | | | |
|---|---|---|---|---|
| | Hard surface cm²/in² | | Soft surface cm²/in² | |
| **85-series** | | | | |
| 320/85R28 | 806 | 125 | 1 994 | 309 |
| **80-series** | | | | |
| 250/80R16 | 376 | 58 | 1 091 | 169 |
| 340/80R18 | 711 | 110 | 1 717 | 266 |
| 360/80R20 | 810 | 126 | 1 950 | 302 |
| 300/80R24 | 674 | 104 | 1 608 | 249 |
| 340/80R24 | 755 | 117 | 1 980 | 307 |
| 360/80R24 | 845 | 131 | 2 115 | 328 |
| 400/80R24 | 1 035 | 160 | 2 525 | 391 |
| 440/80R24 | 1 200 | 186 | 2 895 | 449 |
| 360/80R28 | 947 | 147 | 2 324 | 360 |
| 400/80R28 | 1 065 | 165 | 2 730 | 423 |
| 440/80R28 | 1 270 | 197 | 3 120 | 484 |
| 440/80R30 | 1 290 | 200 | 3 230 | 501 |
| 480/80R30 | 1 515 | 235 | 3 665 | 568 |
| 440/80R34 | 1 375 | 213 | 3 455 | 535 |
| 480/80R34 | 1 590 | 246 | 3 910 | 606 |
| 480/80R38 | 1 645 | 255 | 4 150 | 643 |
| 540/80R38 | 2 030 | 315 | 5 030 | 780 |
| 620/80R42 | 2 743 | 425 | 6 434 | 997 |
| **75-series** | | | | |
| 270/75R15 | 371 | 58 | 1 086 | 168 |
| 250/75R16 | 323 | 50 | 1 009 | 156 |
| **70-series** | | | | |
| 360/70R20 | 735 | 114 | 1 835 | 284 |
| 500/70R24 | 1 523 | 236 | 3 608 | 559 |
| **65-series** | | | | |
| 420/65R24 | 960 | 149 | 2 415 | 374 |
| 460/65R24 | 1 178 | 183 | 2 742 | 425 |
| 540/65R24 | 1 523 | 236 | 3 608 | 559 |
| 480/65R28 | 1 352 | 210 | 3 086 | 478 |
| 540/65R28 | 1 639 | 254 | 3 740 | 580 |
| 540/65R30 | 1 698 | 263 | 3 867 | 599 |
| 600/65R38 | 2 239 | 347 | 4 976 | 771 |
| 650/65R38 | 2 524 | 391 | 5 657 | 877 |
| 650/65R42 | 2 666 | 413 | 5 953 | 923 |

## Nokian TRI

| Size | Contact area | | | |
|---|---|---|---|---|
| | Hard surface cm²/in² | | Soft surface cm²/in² | |
| 11.2R24 | 530 | 82 | 1 530 | 237 |
| 16.9R24 | 1 130 | 175 | 2 810 | 436 |
| 16.9R30 | 1 180 | 183 | 3 130 | 485 |
| 18.4R30 | 1 440 | 223 | 3 570 | 553 |
| **65-series** | | | | |
| 420/65R24 | 940 | 146 | 2 370 | 367 |
| 460/65R24 | 1 040 | 161 | 2 650 | 411 |
| 480/65R24 | 1 150 | 178 | 2 910 | 451 |
| 520/65R24 | 1 430 | 222 | 3 410 | 529 |
| 480/65R28 | 1 145 | 177 | 3 070 | 476 |
| 600/65R38 | 2 110 | 327 | 5 020 | 778 |
| **Bias Beltet** | | | | |
| 18.4B30 | 1 440 | 223 | 3 575 | 554 |
| 580/65B30 | 1 870 | 290 | 4 440 | 688 |
| 580/65B34 | 1 990 | 308 | 4 730 | 733 |

# STUDS AND CHAINS

## Studs

Nokian TRI 2 and Nokian TRI patterns offer an excellent winter grip. To gain even more traction and grip in extreme wet icy conditions the tires can be studded. The following schematic pictures show the studding sequence.

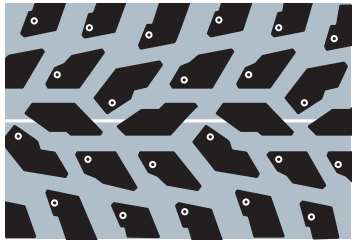
## Stud recommendation

- Recommended types are truck, tractor or construction machine studs
- Maximum stud lenght is 25 mm / 1 in
- Minimum stud flange is 9 mm / 11/32 in

## Stud dimensioning examples

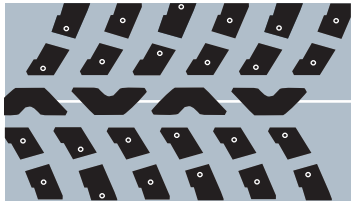
| Stud marking | Stud length | | Flange diameter | | Stud hole diameter | | Stud protrusion | |
|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | mm | in |
| 9 - 15 | 15 | 19/32 | 9 | 11/32 | 4 | 5/32 | 2 | 3/32 |
| 11 - 15 | 15 | 19/32 | 11 | 14/32 | 5 | 6/32 | 2 | 3/32 |
| 11 - 17 | 17 | 21/32 | 11 | 14/32 | 5 | 6/32 | 2.5 | 3/32 |
| 12 - 17 | 17 | 21/32 | 12 | 15/32 | 5 | 6/32 | 2.5 | 3/32 |
| 12 - 20 | 20 | 25/32 | 12 | 15/32 | 5 | 6/32 | 3 | 4/32 |
| 12 - 24 | 24 | 30/32 | 12 | 15/32 | 6 | 8/32 | 3 | 4/32 |
| 16 - 19 | 19 | 24/32 | 16 | 20/32 | 7 | 9/32 | 2.5 | 3/32 |

### NOKIAN HAKKAPELIITTA TRI

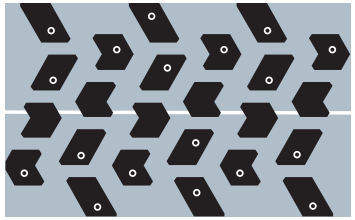


STUD PLACES MARKED.

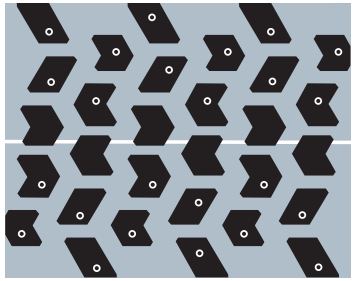
### NOKIAN TRI 2



### NOKIAN TRI



### NOKIAN TRI 65 SERIES



# STUDS AND CHAINS

## Number of studs – Nokian TRI 2

| Size | Pattern | Number of studs |
|---|---|---|
| **85-series** | | |
| 320/85R28 | TRI 2 | 168 |
| **80-series** | | |
| 250/80R16 | TRI 2 | 144 |
| 340/80R18 | TRI 2 | 144 |
| 360/80R20 | TRI 2 | 144 |
| 300/80R24 | TRI 2 | 168 |
| 340/80R24 | TRI 2 | 168 |
| 360/80R24 | TRI 2 | 168 |
| 400/80R24 | TRI 2 | 168 |
| 440/80R24 | TRI 2 | 168 |
| 360/80R28 | TRI 2 | 168 |
| 400/80R28 | TRI 2 | 168 |
| 440/80R28 | TRI 2 | 168 |
| 440/80R30 | TRI 2 | 168 |
| 480/80R30 | TRI 2 | 168 |
| 440/80R34 | TRI 2 | 192 |
| 480/80R34 | TRI 2 | 192 |
| 480/80R38 | TRI 2 | 192 |
| 540/80R38 | TRI 2 | 192 |
| 620/80R42 | TRI 2 | 192 |
| **75-series** | | |
| 270/75R15 | TRI 2 | 144 |
| 250/75R16 | TRI 2 | 144 |
| **70-series** | | |
| 360/70R20 | TRI 2 | 144 |
| 500/70R24 | TRI 2 | 168 |
| **65-series** | | |
| 420/65R24 | TRI 2 | 168 |
| 460/65R24 | TRI 2 | 168 |
| 540/65R24 | TRI 2 | 168 |
| 480/65R28 | TRI 2 | 168 |
| 540/65R28 | TRI 2 | 168 |
| 540/65R30 | TRI 2 | 168 |
| 600/65R38 | TRI 2 | 192 |
| 650/65R38 | TRI 2 | 192 |
| 650/65R42 | TRI 2 | 192 |

## Number of studs – Nokian TRI

| Size | Pattern | Number of studs |
|---|---|---|
| **65-series** | | |
| 460/65R24 | TRI | 176 |
| 480/65R24 | TRI | 184 |
| **Bias Beltet** | | |
| 18.4B34 | TRI | 144 |
| 580/65B30 | TRI | 184 |
| 580/65B34 | TRI | 192 |

## Number of studs – Nokian Hakkapeliitta TRI

| Size | Number of studs | Max. stud flange diameter (mm) | Max. stud height (mm) |
|---|---|---|---|
| 400/70R20 | 168 | 9 | 24 |
| 420/65R24 | 168 | 9 | 24 |
| 360/80R24 | 168 | 9 | 24 |
| 400/80R24 | 168 | 9 | 24 |
| 440/80R24 | 168 | 9 | 24 |
| 400/80R28 | 168 | 9 | 24 |
| 440/80R28 | 168 | 12 | 25 |
| 540/65R30 | 168 | 12 | 25 |
| 440/80R34 | 192 | 12 | 25 |
| 480/80R34 | 192 | 12 | 25 |
| 480/80R38 | 192 | 12 | 25 |
| 540/80R38 | 192 | 12 | 25 |
| 650/65R42 | 192 | 12 | 25 |

## Chains

It is recommended to use chains only for short periods at a time. Chains shorten the tire lifetime. Nokian Heavy Tyres limited warranty doesn't cover any damages made by accessories including the use of chains.

The use of chains comes into question when extreme conditions require additional grip. Then it is recommended to use chains only at low speeds and remove them when they are not needed anymore (i.e. road transit).

Before installing chains inspect them for sharp edges or welding burs.

Ensure that the chains are at the right tightness. Chains too loose can slip on the tire and cause excessive wear.

It is important to check that no chain rings are broken or that no individual rings have turned so that calks cut into the tire. Calks can cut into the tire also when chains are severely worn and over stretched.

# MOUNTING TIRES ON FOUR WHEEL DRIVE TRACTORS

The mounting of tires on a four wheel drive tractor must be done with great care in order to produce the best driving results and maintain the tires' service life. Generally, the actual rolling circumference of a front tire should be 1–4 % higher than the rolling circumference calculated using the gear ratio. Excessive traction in the front tires can cause quick wear and reduce mileage, while insufficient traction in the front tires will make the tractor more difficult to steer. Check the manual of the tractor in question for detailed instructions on the calculation of rolling circumferences (gear ratio). When changing the tire size or type, always check the relationship between the rolling circumferences and make sure that the combination is within the limits given by the manufacturer.

## Examples of the calculation

The basis for the calculation is the gear ratio between the front and rear axle, with which the rolling circumference of the required front tire can be calculated.

### EXAMPLE 1: CALCULATING THE ROLLING CIRCUMFERENCE OF FRONT TIRES

| **Tire size** | **Rolling circumference (from tire manufacturer)** |
|---|---|
| 16.9R28 TRI | 4222 mm |
| 20.8R38 TRI | 5448 mm |

Tractor gear ratio: 1.329. The target is 1–5% traction (lead) for front tires.

5448 mm (rear tire rolling circumference)
---------- = 4099 mm (no traction)
1.329 (gear ratio)

1% traction: 1.01 x 4099 mm = 4140 mm
5% traction: 1.05 x 4099 mm = 4304 mm
The selected tire 16.9R28 TRI has a rolling circumference (4140 mm < 4222 mm < 4303 mm) which is within the limit given by the manufacturer.
The front tire's traction is 4222 / 4099 = 1.030, i.e. 3.0%.

### EXAMPLE 2: SWITCHING TO TRI 2 TIRES ON THE ABOVE MENTIONED MACHINE

Gear ratio: 1.329. The target is 1–5% traction for the front tire.

The control calculation must be verified. It must be noted as well that the TRI 2 and TRI tires have a different rolling circumference than a correspondent tire with a lug pattern.

| **Tire size** | **Rolling circumference (from tire manufacturer)** |
|---|---|
| 440/80R28 TRI 2 | 4266 mm |
| 540/80R38 TRI 2 | 5529 mm |

**Verification:**
5529 mm (rear tire rolling circumference)
---------- = 4160 mm (traction 0%)
1.329 (gear ratio)

1% traction: 1.01 x 4160 mm = 4202 mm
5% traction: 1.05 x 4160 mm = 4368 mm
The selected tire 440/80R28 has a rolling circumference (4202 mm < 4266 mm < 4368 mm) which is within the limit given by the manufacturer.
The front tire's traction is 4266 / 4160 = 1.025, i.e. 2.5%.

The methods above can be used to check the suitability of new tires when mounting them on a tractor with a known gear ratio. However, if this vital information is not available, you should contact the tractor's manufacturer or importer.

# NOKIAN CT

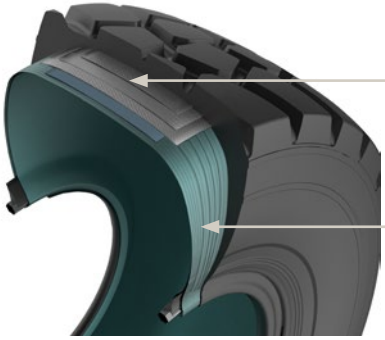



## Nokian CT – Stability for transporting high loads

High loads and versatile working environments require special properties from a tire in construction transporting. Nokian CT is a unique solution to heavy earthmoving trailers. Its strength and stability are on class of its own either at challenging conditions on site or on road.

### PROPERTIES:

- Wide contact area provides good lateral balance and high flotation on soft surfaces
- Tread designed for earthmoving endures rocky surfaces as well as high wearing roads
- Tread grooves have been designed for very good self-cleaning
- Multiple steel cord layers reinforce tread area against punctures
- Ultra strong multilayer construction enables high load capacity and functions stable on all circumstances
- Tread patterns asymmetric block array lowers the noise level on road considerably



- Tire carcass has inextensible circumferential triple-layer-steel belt (SB = steel belt).
- Nokian CT has multi-layer, high-strength radial textile carcass.

## Sizes

- Nokian CT 560/60R22.5 – T445626
- Nokian CT 600/50R22.5 – T445627
- Nokian CT 600/55R26.5 – T445628
- Nokian CT 600/60R30.5 – T445629
- Nokian CT 650/55R26.5 – T445556



# Nokian CT 560/60R22.5 – T445626

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445626 | 560/60R22.5 | 165 D | CT | TL | 16.00 | 18.00 | 560 | 22 | 1 245 | 49.0 | 555 | 21.9 | 3 811 | 150.0 | 500 | 73 | 7 010 | 15 430 | 5 150 | 11 330 | 22 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 2 700 | 5 940 | 3 420 | 7 530 | 4 140 | 9 110 | 4 770 | 10 500 | 5 540 | 12 190 | 6 210 | 13 670 | 6 980 | 15 360 | 7 650 | 16 830 | 8 330 | 18 330 | 8 550 | 18 810 | 9 270 | 20 400 |
| 20 | 12 | 2 480 | 5 460 | 3 140 | 6 910 | 3 800 | 8 360 | 4 380 | 9 640 | 5 080 | 11 180 | 5 700 | 12 540 | 6 400 | 14 080 | 7 020 | 15 450 | 7 640 | 16 810 | 7 840 | 17 250 | 8 500 | 18 700 |
| 25 | 16 | 2 370 | 5 220 | 3 010 | 6 630 | 3 640 | 8 010 | 4 190 | 9 220 | 4 860 | 10 700 | 5 460 | 12 020 | 6 130 | 13 490 | 6 720 | 14 790 | 7 310 | 16 090 | 7 510 | 16 530 | 8 140 | 17 910 |
| 30 | 19 | 2 270 | 5 000 | 2 870 | 6 320 | 3 480 | 7 660 | 4 010 | 8 830 | 4 650 | 10 230 | 5 210 | 11 470 | 5 860 | 12 900 | 6 420 | 14 130 | 6 990 | 15 380 | 7 180 | 15 800 | 7 780 | 17 120 |
| 40 | 25 | | | | | 3 130 | 6 890 | 3 610 | 7 950 | 4 190 | 9 220 | 4 700 | 10 340 | 5 270 | 11 600 | 5 780 | 12 720 | 6 290 | 13 840 | 6 460 | 14 220 | 7 010 | 15 430 |
| 50 | 31 | | | | | | | 3 210 | 7 070 | 3 730 | 8 210 | 4 180 | 9 200 | 4 690 | 10 320 | 5 150 | 11 330 | 5 600 | 12 320 | 5 750 | 12 650 | 6 240 | 13 730 |
| 65 | 40 | | | | | | | 2 650 | 5 830 | 3 075 | 6 770 | 3 450 | 7 590 | 3 875 | 8 530 | 4 250 | 9 350 | 4 625 | 10 180 | 4 750 | 10 450 | 5 150 | 11 330 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 390 | 103 | 295 | 78 | 240 | 63 | 122 | 268.4 | 362 | 796 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian CT 600/50R22.5 – T445627

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445627 | 600/50R22.5 | 163 D | CT | TL | 20.00 | - | 605 | 24 | 1 173 | 46.2 | 528 | 20.8 | 3 574 | 140.7 | 500 | 73 | 6 630 | 14 590 | 4 875 | 10 730 | 22 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 2 520 | 5 550 | 3 240 | 7 130 | 3 930 | 8 650 | 4 500 | 9 900 | 5 220 | 11 490 | 5 850 | 12 870 | 6 570 | 14 460 | 7 200 | 15 840 | 7 880 | 17 340 | 8 100 | 17 820 | 8 780 | 19 320 |
| 20 | 12 | 2 310 | 5 090 | 2 970 | 6 540 | 3 600 | 7 920 | 4 130 | 9 090 | 4 790 | 10 540 | 5 370 | 11 820 | 6 030 | 13 270 | 6 600 | 14 520 | 7 220 | 15 890 | 7 430 | 16 350 | 8 050 | 17 710 |
| 25 | 16 | 2 220 | 4 890 | 2 850 | 6 270 | 3 450 | 7 590 | 3 950 | 8 690 | 4 590 | 10 100 | 5 140 | 11 310 | 5 770 | 12 700 | 6 320 | 13 910 | 6 920 | 15 230 | 7 110 | 15 650 | 7 710 | 16 970 |
| 30 | 19 | 2 120 | 4 670 | 2 720 | 5 990 | 3 300 | 7 260 | 3 780 | 8 320 | 4 380 | 9 640 | 4 910 | 10 810 | 5 520 | 12 150 | 6 040 | 13 290 | 6 610 | 14 550 | 6 800 | 14 960 | 7 370 | 16 220 |
| 40 | 25 | | | | | 2 970 | 6 540 | 3 400 | 7 480 | 3 950 | 8 690 | 4 420 | 9 730 | 4 970 | 10 940 | 5 440 | 11 970 | 5 950 | 13 090 | 6 120 | 13 470 | 6 630 | 14 590 |
| 50 | 31 | | | | | | | 3 030 | 6 670 | 3 510 | 7 730 | 3 940 | 8 670 | 4 420 | 9 730 | 4 840 | 10 650 | 5 300 | 11 660 | 5 450 | 11 990 | 5 900 | 12 980 |
| 65 | 40 | | | | | | | 2 500 | 5 500 | 2 900 | 6 380 | 3 250 | 7 150 | 3 650 | 8 030 | 4 000 | 8 800 | 4 375 | 9 630 | 4 500 | 9 900 | 4 875 | 10 730 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 370 | 98 | 280 | 74 | 228 | 60 | 116 | 255.2 | 344 | 757 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian CT 600/55R26.5 – T445628

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445628 | 600/55R26.5 | 169 D | CT | TL | 20.00 | - | 610 | 24 | 1 334 | 52.5 | 603 | 23.7 | 4 067 | 160.1 | 500 | 73 | 7 890 | 17 360 | 5 800 | 12 760 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 2 970 | 6 540 | 3 820 | 8 410 | 4 640 | 10 210 | 5 220 | 11 490 | 6 030 | 13 270 | 6 980 | 15 360 | 7 650 | 16 830 | 8 330 | 18 330 | 9 270 | 20 400 | 9 540 | 20 990 | 10 440 | 22 970 |
| 20 | 12 | 2 730 | 6 010 | 3 500 | 7 700 | 4 250 | 9 350 | 4 790 | 10 540 | 5 530 | 12 170 | 6 400 | 14 080 | 7 020 | 15 450 | 7 640 | 16 810 | 8 500 | 18 700 | 8 750 | 19 250 | 9 570 | 21 060 |
| 25 | 16 | 2 610 | 5 750 | 3 350 | 7 370 | 4 070 | 8 960 | 4 590 | 10 100 | 5 300 | 11 660 | 6 130 | 13 490 | 6 720 | 14 790 | 7 310 | 16 090 | 8 140 | 17 910 | 8 380 | 18 440 | 9 170 | 20 180 |
| 30 | 19 | 2 500 | 5 500 | 3 210 | 7 070 | 3 890 | 8 560 | 4 380 | 9 640 | 5 060 | 11 140 | 5 860 | 12 900 | 6 420 | 14 130 | 6 990 | 15 380 | 7 780 | 17 120 | 8 010 | 17 630 | 8 760 | 19 280 |
| 40 | 25 | | | | | 3 510 | 7 730 | 3 950 | 8 690 | 4 560 | 10 040 | 5 270 | 11 600 | 5 780 | 12 720 | 6 290 | 13 840 | 7 010 | 15 430 | 7 210 | 15 870 | 7 890 | 17 360 |
| 50 | 31 | | | | | | | 3 510 | 7 730 | 4 060 | 8 940 | 4 690 | 10 320 | 5 150 | 11 330 | 5 600 | 12 320 | 6 240 | 13 730 | 6 420 | 14 130 | 7 020 | 15 450 |
| 65 | 40 | | | | | | | 2 900 | 6 380 | 3 350 | 7 370 | 3 875 | 8 530 | 4 250 | 9 350 | 4 625 | 10 180 | 5 150 | 11 330 | 5 300 | 11 660 | 5 800 | 12 760 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 475 | 125 | 355 | 94 | 292 | 77 | 149 | 327.8 | 441 | 970 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian CT 600/60R30.5 – T445629

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445629 | 600/60R30.5 | 173 D | CT | TL | 20.00 | - | 610 | 24 | 1 496 | 58.9 | 681 | 26.8 | 4 570 | 179.9 | 500 | 73 | 8 840 | 19 450 | 6 500 | 14 300 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 3 420 | 7 530 | 4 380 | 9 640 | 5 400 | 11 880 | 6 030 | 13 270 | 6 980 | 15 360 | 7 880 | 17 340 | 8 780 | 19 320 | 9 540 | 20 990 | 10 440 | 22 970 | 10 800 | 23 760 | 11 700 | 25 740 |
| 20 | 12 | 3 140 | 6 910 | 4 010 | 8 830 | 4 950 | 10 890 | 5 530 | 12 170 | 6 400 | 14 080 | 7 220 | 15 890 | 8 050 | 17 710 | 8 750 | 19 250 | 9 570 | 21 060 | 9 900 | 21 780 | 10 730 | 23 610 |
| 25 | 16 | 3 010 | 6 630 | 3 840 | 8 450 | 4 740 | 10 430 | 5 300 | 11 660 | 6 130 | 13 490 | 6 920 | 15 230 | 7 710 | 16 970 | 8 380 | 18 440 | 9 170 | 20 180 | 9 480 | 20 860 | 10 270 | 22 600 |
| 30 | 19 | 2 870 | 6 320 | 3 670 | 8 080 | 4 530 | 9 970 | 5 060 | 11 140 | 5 860 | 12 900 | 6 610 | 14 550 | 7 370 | 16 220 | 8 010 | 17 630 | 8 760 | 19 280 | 9 060 | 19 940 | 9 820 | 21 610 |
| 40 | 25 | | | | | 4 080 | 8 980 | 4 560 | 10 040 | 5 270 | 11 600 | 5 950 | 13 090 | 6 630 | 14 590 | 7 210 | 15 870 | 7 890 | 17 360 | 8 160 | 17 960 | 8 840 | 19 450 |
| 50 | 31 | | | | | | | 4 060 | 8 940 | 4 690 | 10 320 | 5 300 | 11 660 | 5 900 | 12 980 | 6 420 | 14 130 | 7 020 | 15 450 | 7 260 | 15 980 | 7 870 | 17 320 |
| 65 | 40 | | | | | | | 3 350 | 7 370 | 3 875 | 8 530 | 4 375 | 9 630 | 4 875 | 10 730 | 5 300 | 11 660 | 5 800 | 12 760 | 6 000 | 13 200 | 6 500 | 14 300 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 560 | 148 | 420 | 111 | 345 | 91 | 176 | 387 | 520 | 1 145 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian CT 650/55R26.5 – T445556

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445556 | 650/55R26.5 | 177 D | CT | TL | AG 20.00 | 22.00 | 645 | 25.4 | 1 389 | 54.7 | 639 | 25.2 | 4 241 | 167.2 | 600 | 87 | 9 950 | 21 935 | 7 300 | 16 095 | 27 | 34 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi | 5.5 bar | 80 psi | 6.0 bar | 87 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 340 | 7 365 | 4 260 | 9 390 | 5 220 | 11 510 | 6 050 | 13 340 | 7 000 | 15 430 | 7 900 | 17 415 | 8 550 | 18 850 | 9 550 | 21 055 | 10 450 | 23 040 | 10 800 | 23 810 | 11 700 | 25 795 | 12 450 | 27 445 | 13 150 | 28 990 |
| 20 | 12,5 | 3 060 | 6 745 | 3 900 | 8 600 | 4 800 | 10 580 | 5 540 | 12 215 | 6 400 | 14 110 | 7 250 | 15 985 | 7 850 | 17 305 | 8 750 | 19 290 | 9 600 | 21 165 | 9 900 | 21 825 | 10 750 | 23 700 | 11 400 | 25 130 | 12 050 | 26 565 |
| 25 | 15 | 2 930 | 6 460 | 3 740 | 8 245 | 4 600 | 10 140 | 5 300 | 11 685 | 6 150 | 13 560 | 6 950 | 15 320 | 7 550 | 16 645 | 8 400 | 18 520 | 9 200 | 20 280 | 9 500 | 20 945 | 10 300 | 22 705 | 10 950 | 24 140 | 11 550 | 25 465 |
| 30 | 20 | 2 800 | 6 175 | 3 580 | 7 890 | 4 380 | 9 655 | 5 060 | 11 155 | 5 860 | 12 920 | 6 650 | 14 660 | 7 200 | 15 875 | 8 050 | 17 745 | 8 800 | 19 400 | 9 100 | 20 060 | 9 850 | 21 715 | 10 450 | 23 040 | 11 050 | 24 360 |
| 40 | 25 | | | 3 220 | 7 100 | 3 960 | 8 730 | 4 560 | 10 055 | 5 280 | 11 640 | 5 960 | 13 140 | 6 500 | 14 330 | 7 250 | 15 985 | 7 900 | 17 415 | 8 200 | 18 080 | 8 850 | 19 510 | 9 400 | 20 725 | 9 950 | 21 935 |
| 50 | 30 | | | | | | | 4 060 | 8 950 | 4 700 | 10 360 | 5 300 | 11 685 | 5 760 | 12 700 | 6 450 | 14 220 | 7 050 | 15 540 | 7 300 | 16 095 | 7 900 | 17 415 | 8 350 | 18 410 | 8 850 | 19 510 |
| 65 | 40 | | | | | | | 3 350 | 7 385 | 3 875 | 8 545 | 4 375 | 9 645 | 4 750 | 10 470 | 5 300 | 11 685 | 5 800 | 12 785 | 6 000 | 13 230 | 6 500 | 14 330 | 6 900 | 15 210 | 7 300 | 16 095 |

High load, speed and pressure require equivalent structural strength from the rim. Only use the tire with a rim specified for sufficient load capacity.

| Rim product code 20.00x26.5, -50 10- bolt | Rim product code 20.00x26.5, +-0 10- bolt | Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|---|---|
| HTRS00205 | HTRS00222 | TR618A | T55098 | TR 218 A |




Nokian CT requires a rim with wide bead seat.



# Nokian CT – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445626 | 560/60R22.5 | 165 D | CT | TL | 16.00 | 18.00 | 560 | 22 | 1 245 | 49.0 | 555 | 21.9 | 3 811 | 150.0 | 500 | 73 | 7 010 | 15 430 | 5 150 | 11 330 | 22 | 28 |
| T445627 | 600/50R22.5 | 163 D | CT | TL | 20.00 | - | 605 | 24 | 1 173 | 46.2 | 528 | 20.8 | 3 574 | 140.7 | 500 | 73 | 6 630 | 14 590 | 4 875 | 10 730 | 22 | 28 |
| T445628 | 600/55R26.5 | 169 D | CT | TL | 20.00 | - | 610 | 24 | 1 334 | 52.5 | 603 | 23.7 | 4 067 | 160.1 | 500 | 73 | 7 890 | 17 360 | 5 800 | 12 760 | 24 | 30 |
| T445629 | 600/60R30.5 | 173 D | CT | TL | 20.00 | - | 610 | 24 | 1 496 | 58.9 | 681 | 26.8 | 4 570 | 179.9 | 500 | 73 | 8 840 | 19 450 | 6 500 | 14 300 | 26 | 33 |
| T445556 | 650/55R26.5 | 177 D | CT | TL | AG 20.00 | 22.00 | 645 | 25.4 | 1 389 | 54.7 | 639 | 25.2 | 4 241 | 167.2 | 600 | 87 | 9 950 | 21 935 | 7 300 | 16 095 | 27 | 34 |

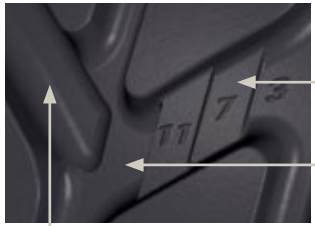
# NOKIAN COUNTRY KING




## Stable and versatile flotation tire

An efficient and durable flotation tire for large agricultural machines and trailers. Thanks to good cleaning properties, high load-bearing capacity and low rolling resistance, the tire moves lightly and economically.

- A versatile and easily cleaning flotation tire
- High load-bearing capacity, sturdy and comfortable driving
- Low rolling resistance lowers fuel consumption




Remaining tread depth in mm

Tread depth measuring point on top of tie-bar

Total tread depth measuring point



- Tire carcass is stabilized by an inextensible circumferential belt. (SB = steel belt)
- Ply cords are laid substantially at 90° to the centerline of the tread.

**Notice!** When more on road than on field choose Nokian Country King. If more on field consider also Nokian ELS Radial.

## Sizes

- Nokian Country King 710/35R22.5 – T445542
- Nokian Country King 560/45R22.5 – T445402
- Nokian Country King 500/60R22.5 – T445453
- Nokian Country King 600/50R22.5 – T445441
- Nokian Country King 710/45R22.5 – T445496
- Nokian Country King 650/50R22.5 – T445407
- Nokian Country King 560/60R22.5 – T445401
- Nokian Country King 580/65R22.5 – T445405
- Nokian Country King 600/55R26.5 – T445653
- Nokian Country King 620/60R26.5 – T445404
- Nokian Country King 710/50R26.5 – T445406
- Nokian Country King 650/65R26.5 – T445440
- Nokian Country King 800/45R26.5 – T445600
- Nokian Country King 650/65R30.5 – T445611
- Nokian Country King 750/60R30.5 – T445610



# Nokian Country King 710/35R22.5 – T445542

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445542 | 710/35R22.5 | 157 D | Country King | TL | AG 24.00 | 24.00 | 712 | 28.0 | 1 069 | 42.1 | 484 | 19.1 | 3 248 | 127.9 | 400 | 58 | 5 620 | 10 670 | 4 125 | 9 095 | 22 | 28 | 19 | 24 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 970 | 4 345 | 3 060 | 6 745 | 3 720 | 8 200 | 4 260 | 9 390 | 4 920 | 10 845 | 5 680 | 12 520 | 6 250 | 13 780 | 6 750 | 14 880 | 7 450 | 16 425 |
| 20 | 12.5 | 1 800 | 3 970 | 2 810 | 6 195 | 3 400 | 7 495 | 3 900 | 8 600 | 4 500 | 9 920 | 5 200 | 11 465 | 5 700 | 12 565 | 6 200 | 13 670 | 6 850 | 15 100 |
| 25 | 15 | 1 730 | 3 815 | 2 690 | 5 930 | 3 260 | 7 185 | 3 740 | 8 245 | 4 320 | 9 525 | 4 980 | 10 980 | 5 460 | 12 035 | 5 940 | 13 095 | 6 550 | 14 440 |
| 30 | 20 | 1 650 | 3 640 | 2 570 | 5 665 | 3 120 | 6 880 | 3 580 | 7 890 | 4 120 | 9 085 | 4 760 | 10 495 | 5 220 | 11 510 | 5 680 | 12 520 | 6 250 | 13 780 |
| 40 | 25 | 1 490 | 3 285 | 2 320 | 5 115 | 2 810 | 6 195 | 3 220 | 7 100 | 3 720 | 8 200 | 4 300 | 9 480 | 4 700 | 10 360 | 5 100 | 11 245 | 5 620 | 12 390 |
| 50 | 30 | 1 320 | 2 910 | 2 060 | 4 540 | 2 500 | 5 510 | 2 860 | 6 305 | 3 300 | 7 275 | 3 820 | 8 420 | 4 180 | 9 215 | 4 540 | 10 010 | 5 000 | 11 025 |
| 65 | 40 | 1 090 | 2 405 | 1 700 | 3 750 | 2 060 | 4 540 | 2 360 | 5 205 | 2 725 | 6 010 | 3 150 | 6 945 | 3 450 | 7 605 | 3 750 | 8 265 | 4 125 | 9 095 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 345 | 90 | 244 | 65 | 212 | 55 | 108 | 240 | 320.5 | 705 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | | |



# Nokian Country King 560/45R22.5 – T445402

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445402 | 560/45R22.5 | 152 D | Country King | TL | AG 16.00 | 16.00 | 564 | 22.2 | 1 076 | 42.4 | 474 | 18.7 | 3 280 | 129.1 | 400 | 58 | 4 840 | 10 670 | 3 550 | 7 825 | 16 | 20 | 13 | 16 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 250 | 4 960 | 2 880 | 6 350 | 3 420 | 7 540 | 3 820 | 8 420 | 4 380 | 9 655 | 4 920 | 10 845 | 5 400 | 11 905 | 6 860 | 15 125 | 6 400 | 14 110 |
| 20 | 12.5 | 2 070 | 4 565 | 2 640 | 5 820 | 3 140 | 6 920 | 3 500 | 7 715 | 4 020 | 8 860 | 4 500 | 9 920 | 4 960 | 10 935 | 5 380 | 11 860 | 5 860 | 12 920 |
| 25 | 15 | 1 980 | 4 365 | 2 530 | 5 580 | 3 020 | 6 660 | 3 360 | 7 405 | 3 840 | 8 465 | 4 320 | 9 525 | 4 740 | 10 450 | 5 140 | 11 330 | 5 620 | 12 390 |
| 30 | 20 | 1 890 | 4 165 | 2 420 | 5 335 | 2 870 | 6 325 | 3 220 | 7 100 | 3 680 | 8 115 | 4 120 | 9 085 | 4 540 | 10 010 | 4 920 | 10 845 | 5 380 | 11 860 |
| 40 | 25 | 1 700 | 3 750 | 2 180 | 4 805 | 2 590 | 5 710 | 2 890 | 6 370 | 3 320 | 7 320 | 3 720 | 8 200 | 4 080 | 8 995 | 4 420 | 9 745 | 4 840 | 10 670 |
| 50 | 30 | 1 520 | 3 350 | 1 940 | 4 275 | 2 300 | 5 070 | 2 570 | 5 665 | 2 940 | 6 480 | 3 300 | 7 275 | 3 640 | 8 025 | 3 940 | 8 685 | 4 300 | 9 480 |
| 65 | 40 | 1 250 | 2 755 | 1 600 | 3 525 | 1 900 | 4 190 | 2 120 | 4 675 | 2 430 | 5 355 | 2 725 | 6 010 | 3 000 | 6 615 | 3 250 | 7 165 | 3 550 | 7 825 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 265 | 70 | 200 | 55 | 163 | 45 | 83 | 185 | 256 | 565 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T56435 | TR 218 A |



# Nokian Country King 500/60R22.5 – T445453

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445453 | 500/60R22.5 | 155 D | Country King | TL | AG 16.00 | 14.00, 15.00, 16.00, 17.00 | 503 | 19.8 | 1 172 | 46.1 | 521 | 20.5 | 3 581 | 141.0 | 400 | 58 | 5 280 | 11 640 | 3 875 | 8 545 | 17 | 21 | 14 | 18 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 450 | 5 400 | 3 060 | 6 745 | 3 720 | 8 200 | 4 140 | 9 125 | 4 780 | 10 540 | 5 400 | 11 905 | 5 860 | 12 920 | 6 400 | 14 110 | 7 000 | 15 430 |
| 20 | 12.5 | 2 250 | 4 960 | 2 810 | 6 195 | 3 400 | 7 495 | 3 800 | 8 375 | 4 380 | 9 655 | 4 960 | 10 935 | 5 380 | 11 860 | 5 860 | 12 920 | 6 400 | 14 110 |
| 25 | 15 | 2 150 | 4 740 | 2 690 | 5 930 | 3 260 | 7 185 | 3 640 | 8 025 | 4 200 | 9 260 | 4 740 | 10 450 | 5 140 | 11 330 | 5 620 | 12 390 | 6 150 | 13 560 |
| 30 | 20 | 2 060 | 4 540 | 2 570 | 5 665 | 3 120 | 6 880 | 3 480 | 7 670 | 4 020 | 8 860 | 4 540 | 10 010 | 4 920 | 10 845 | 5 380 | 11 860 | 5 860 | 12 920 |
| 40 | 25 | 1 850 | 4 080 | 2 320 | 5 115 | 2 810 | 6 195 | 3 140 | 6 920 | 3 620 | 7 980 | 4 080 | 8 995 | 4 420 | 9 745 | 4 840 | 10 670 | 5 280 | 11 640 |
| 50 | 30 | 1 650 | 3 640 | 2 060 | 4 540 | 2 500 | 5 510 | 2 790 | 6 150 | 3 220 | 7 100 | 3 640 | 8 025 | 3 940 | 8 685 | 4 300 | 9 480 | 4 700 | 10 360 |
| 65 | 40 | 1 360 | 3 000 | 1 700 | 3 750 | 2 060 | 4 540 | 2 300 | 5 070 | 2 650 | 5 840 | 3 000 | 6 615 | 3 250 | 7 165 | 3 550 | 7 825 | 3 875 | 8 545 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 305 | 80 | 230 | 60 | 188 | 50 | 96 | 210 | 283 | 625 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55096 | TR 218 A |



# Nokian Country King 600/50R22.5 – T445441

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445441 | 600/50R22.5 | 159 D | Country King | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 172 | 46.1 | 533 | 21.0 | 3 575 | 140.7 | 400 | 58 | 5 960 | 13 140 | 4 375 | 9 645 | 18 | 23 | 15 | 19 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 610 | 5 755 | 3 520 | 7 760 | 4 140 | 9 125 | 4 780 | 10 540 | 5 400 | 11 905 | 6 050 | 13 340 | 6 600 | 14 550 | 7 200 | 15 875 | 7 900 | 17 415 |
| 20 | 12.5 | 2 400 | 5 290 | 3 220 | 7 100 | 3 800 | 8 375 | 4 380 | 9 655 | 4 960 | 10 935 | 5 540 | 12 215 | 6 050 | 13 340 | 6 600 | 14 550 | 7 250 | 15 985 |
| 25 | 15 | 2 300 | 5 070 | 3 100 | 6 835 | 3 640 | 8 025 | 4 200 | 9 260 | 4 740 | 10 450 | 5 300 | 11 685 | 5 780 | 12 745 | 6 350 | 14 000 | 6 950 | 15 320 |
| 30 | 20 | 2 190 | 4 830 | 2 950 | 6 505 | 3 480 | 7 670 | 4 020 | 8 860 | 4 540 | 10 010 | 5 060 | 11 155 | 5 520 | 12 170 | 6 050 | 13 340 | 6 650 | 14 660 |
| 40 | 25 | 1 980 | 4 365 | 2 660 | 5 865 | 3 140 | 6 920 | 3 620 | 7 980 | 4 080 | 8 995 | 4 560 | 10 055 | 4 980 | 10 980 | 5 440 | 11 995 | 5 960 | 13 140 |
| 50 | 30 | 1 760 | 3 880 | 2 360 | 5 205 | 2 790 | 6 150 | 3 220 | 7 100 | 3 640 | 8 025 | 4 060 | 8 950 | 4 420 | 9 745 | 4 840 | 10 670 | 5 300 | 11 685 |
| 65 | 40 | 1 450 | 3 195 | 1 950 | 4 300 | 2 300 | 5 070 | 2 650 | 5 840 | 3 000 | 6 615 | 3 350 | 7 385 | 3 650 | 8 045 | 4 000 | 8 820 | 4 375 | 9 645 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 370 | 100 | 280 | 75 | 228 | 60 | 116 | 255 | 344 | 760 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian Country King 710/45R22.5 – T445496

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445496 | 710/45R22.5 | 165 D | Country King | TL | AG 24.00 | 24.00 | 727 | 28.6 | 1 212 | 47.7 | 545 | 21.5 | 3 695 | 145.5 | 400 | 58 | 7 050 | 15 540 | 5 150 | 11 355 | 22 | 28 | 19 | 24 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 970 | 6 550 | 3 820 | 8 420 | 4 640 | 10 230 | 5 400 | 11 905 | 6 250 | 13 780 | 7 000 | 15 430 | 7 650 | 16 865 | 8 550 | 18 850 | 9 300 | 20 505 |
| 20 | 12.5 | 2 730 | 6 020 | 3 500 | 7 715 | 4 260 | 9 390 | 4 960 | 10 935 | 5 700 | 12 565 | 6 400 | 14 110 | 7 050 | 15 540 | 7 850 | 17 305 | 8 500 | 18 740 |
| 25 | 15 | 2 610 | 5 755 | 3 360 | 7 405 | 4 080 | 8 995 | 4 740 | 10 450 | 5 460 | 12 035 | 6 150 | 13 560 | 6 750 | 14 880 | 7 550 | 16 645 | 8 125 | 17 910 |
| 30 | 20 | 2 500 | 5 510 | 3 220 | 7 100 | 3 900 | 8 600 | 4 540 | 10 010 | 5 220 | 11 510 | 5 860 | 12 920 | 6 450 | 14 220 | 7 200 | 15 875 | 7 800 | 17 195 |
| 40 | 25 | 2 250 | 4 960 | 2 890 | 6 370 | 3 520 | 7 760 | 4 080 | 8 995 | 4 700 | 10 360 | 5 280 | 11 640 | 5 780 | 12 745 | 6 500 | 14 330 | 7 050 | 15 540 |
| 50 | 30 | 2 000 | 4 410 | 2 570 | 5 665 | 3 120 | 6 880 | 3 640 | 8 025 | 4 180 | 9 215 | 4 700 | 10 360 | 5 160 | 11 375 | 5 760 | 12 700 | 6 250 | 13 780 |
| 65 | 40 | 1 650 | 3 640 | 2 120 | 4 675 | 2 575 | 5 675 | 3 000 | 6 615 | 3 450 | 7 605 | 3 875 | 8 545 | 4 250 | 9 370 | 4 750 | 10 470 | 5 150 | 11 355 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 565 | 150 | 425 | 110 | 348 | 90 | 177 | 390 | 525 | 1 155 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |



# Nokian Country King 650/50R22.5 – T445407

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445407 | 650/50R22.5 | 163 D | Country King | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 237 | 48.7 | 564 | 22.2 | 3 789 | 149.2 | 400 | 58 | 6 650 | 14 660 | 4 875 | 10 745 | 18 | 23 | 15 | 19 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 160 | 6 965 | 3 940 | 8 685 | 4 780 | 10 540 | 5 400 | 11 905 | 6 050 | 13 340 | 7 000 | 15 430 | 7 450 | 16 425 | 8 100 | 17 855 | 8 800 | 19 400 |
| 20 | 12.5 | 2 890 | 6 370 | 3 600 | 7 935 | 4 380 | 9 655 | 4 960 | 10 935 | 5 540 | 12 215 | 6 400 | 14 110 | 6 850 | 15 100 | 7 450 | 16 425 | 8 050 | 17 745 |
| 25 | 15 | 2 770 | 6 105 | 3 460 | 7 630 | 4 200 | 9 260 | 4 740 | 10 450 | 5 300 | 11 685 | 6 150 | 13 560 | 6 550 | 14 440 | 7 150 | 15 765 | 7 750 | 17 085 |
| 30 | 20 | 2 650 | 5 840 | 3 300 | 7 275 | 4 020 | 8 860 | 4 540 | 10 010 | 5 060 | 11 155 | 5 860 | 12 920 | 6 250 | 13 780 | 6 800 | 14 990 | 7 400 | 16 315 |
| 40 | 25 | 2 380 | 5 245 | 2 970 | 6 550 | 3 620 | 7 980 | 4 080 | 8 995 | 4 560 | 10 055 | 5 280 | 11 640 | 5 620 | 12 390 | 6 150 | 13 560 | 6 650 | 14 660 |
| 50 | 30 | 2 120 | 4 675 | 2 640 | 5 820 | 3 220 | 7 100 | 3 640 | 8 025 | 4 060 | 8 950 | 4 700 | 10 360 | 5 000 | 11 025 | 5 460 | 12 035 | 5 900 | 13 005 |
| 65 | 40 | 1 750 | 3 860 | 2 180 | 4 805 | 2 650 | 5 840 | 3 000 | 6 615 | 3 350 | 7 385 | 3 875 | 8 545 | 4 125 | 9 095 | 4 500 | 9 920 | 4 875 | 10 745 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 460 | 120 | 345 | 90 | 283 | 75 | 144 | 315 | 427 | 940 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian Country King 560/60R22.5 – T445401

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445401 | 560/60R22.5 | 161 D | Country King | TL | AG 16.00 | 15.00, 16.00, 17.00, 20.00 | 564 | 22.2 | 1 244 | 49.0 | 557 | 21.9 | 3 764 | 148.2 | 400 | 58 | 6 300 | 13 890 | 4 625 | 10 195 | 18 | 23 | 15 | 19 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 970 | 6 550 | 3 720 | 8 200 | 4 380 | 9 655 | 5 040 | 11 110 | 5 680 | 12 520 | 6 400 | 14 110 | 7 000 | 15 430 | 7 650 | 16 865 | 8 350 | 18 410 |
| 20 | 12.5 | 2 730 | 6 020 | 3 400 | 7 495 | 4 020 | 8 860 | 4 620 | 10 185 | 5 200 | 11 465 | 5 860 | 12 920 | 6 400 | 14 110 | 7 050 | 15 540 | 7 650 | 16 865 |
| 25 | 15 | 2 610 | 5 755 | 3 260 | 7 185 | 3 840 | 8 465 | 4 440 | 9 790 | 4 980 | 10 980 | 5 620 | 12 390 | 6 150 | 13 560 | 6 750 | 14 880 | 7 350 | 16 205 |
| 30 | 20 | 2 500 | 5 510 | 3 120 | 6 880 | 3 680 | 8 115 | 4 240 | 9 350 | 4 760 | 10 495 | 5 380 | 11 860 | 5 860 | 12 920 | 6 450 | 14 220 | 7 000 | 15 430 |
| 40 | 25 | 2 250 | 4 960 | 2 810 | 6 195 | 3 320 | 7 320 | 3 820 | 8 420 | 4 300 | 9 480 | 4 840 | 10 670 | 5 280 | 11 640 | 5 780 | 12 745 | 6 300 | 13 890 |
| 50 | 30 | 2 000 | 4 410 | 2 500 | 5 510 | 2 940 | 6 480 | 3 400 | 7 495 | 3 820 | 8 420 | 4 300 | 9 480 | 4 700 | 10 360 | 5 160 | 11 375 | 5 600 | 12 345 |
| 65 | 40 | 1 650 | 3 640 | 2 060 | 4 540 | 2 430 | 5 355 | 2 800 | 6 175 | 3 150 | 6 945 | 3 550 | 7 825 | 3 875 | 8 545 | 4 250 | 9 370 | 4 625 | 10 195 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 390 | 105 | 295 | 80 | 240 | 65 | 122 | 270 | 362 | 800 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian Country King 580/65R22.5 – T445405

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445405 | 580/65R22.5 | 166 D | Country King | TL | AG 16.00 | 18.00 | 577 | 22.7 | 1 300 | 51.2 | 586 | 23.1 | 3 977 | 156.6 | 400 | 58 | 7 250 | 15 985 | 5 300 | 11 685 | 19 | 24 | 16 | 20 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 340 | 7 365 | 4 140 | 9 125 | 5 040 | 11 110 | 5 680 | 12 520 | 6 600 | 14 550 | 7 200 | 15 875 | 7 900 | 17 415 | 8 550 | 18 850 | 9 550 | 21 055 |
| 20 | 12.5 | 3 060 | 6 745 | 3 800 | 8 375 | 4 620 | 10 185 | 5 200 | 11 465 | 6 050 | 13 340 | 6 600 | 14 550 | 7 250 | 15 985 | 7 850 | 17 305 | 8 750 | 19 290 |
| 25 | 15 | 2 930 | 6 460 | 3 640 | 8 025 | 4 440 | 9 790 | 4 980 | 10 980 | 5 780 | 12 745 | 6 350 | 14 000 | 6 950 | 15 320 | 7 550 | 16 645 | 8 400 | 18 520 |
| 30 | 20 | 2 800 | 6 175 | 3 480 | 7 670 | 4 240 | 9 350 | 4 760 | 10 495 | 5 520 | 12 170 | 6 050 | 13 340 | 6 650 | 14 660 | 7 200 | 15 875 | 8 050 | 17 745 |
| 40 | 25 | 2 520 | 5 555 | 3 140 | 6 920 | 3 820 | 8 420 | 4 300 | 9 480 | 4 980 | 10 980 | 5 440 | 11 995 | 5 960 | 13 140 | 6 500 | 14 330 | 7 250 | 15 985 |
| 50 | 30 | 2 240 | 4 940 | 2 790 | 6 150 | 3 400 | 7 495 | 3 820 | 8 420 | 4 420 | 9 745 | 4 840 | 10 670 | 5 300 | 11 685 | 5 760 | 12 700 | 6 450 | 14 220 |
| 65 | 40 | 1 850 | 4 080 | 2 300 | 5 070 | 2 800 | 6 175 | 3 150 | 6 945 | 3 650 | 8 045 | 4 000 | 8 820 | 4 375 | 9 645 | 4 750 | 10 470 | 5 300 | 11 685 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 450 | 120 | 340 | 90 | 277 | 75 | 141 | 310 | 418 | 920 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian Country King 600/55R26.5 – T445653

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445653 | 600/55R26.5 | 165 D | Country King | TL | 20.00 | - | 600 | 24.0 | 1 333 | 52.5 | 604 | 23.8 | 4 072 | 160.3 | 400 | 58 | 7 005 | 15 410 | 5 150 | 11 330 | 22 | 28 | N/A | N/A |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 2 970 | 6 535 | 3 815 | 8 395 | 4 635 | 10 195 | 5 220 | 11 485 | 6 030 | 13 265 | 6 975 | 15 345 | 7 650 | 16 830 | 8 325 | 18 315 | 9 270 | 20 395 |
| 20 | 12 | 2 725 | 5 995 | 3 500 | 7 700 | 4 250 | 9 350 | 4 785 | 10 525 | 5 530 | 12 165 | 6 395 | 14 070 | 7 015 | 15 435 | 7 630 | 16 785 | 8 500 | 18 700 |
| 25 | 16 | 2 605 | 5 730 | 3 350 | 7 370 | 4 070 | 8 955 | 4 580 | 10 075 | 5 295 | 11 650 | 6 125 | 13 475 | 6 715 | 14 775 | 7 310 | 16 080 | 8 135 | 17 895 |
| 30 | 19 | 2 490 | 5 480 | 3 200 | 7 040 | 3 890 | 8 560 | 4 380 | 9 635 | 5 060 | 11 130 | 5 850 | 12 870 | 6 420 | 14 125 | 6 985 | 15 365 | 7 775 | 17 105 |
| 40 | 25 | | | | | 3 500 | 7 700 | 3 945 | 8 680 | 4 555 | 10 020 | 5 270 | 11 595 | 5 780 | 12 715 | 6 290 | 13 840 | 7 005 | 15 410 |
| 50 | 31 | | | | | | | 3 510 | 7 720 | 4 055 | 8 920 | 4 690 | 10 320 | 5 145 | 11 320 | 5 595 | 12 310 | 6 230 | 13 705 |
| 65 | 40 | | | | | | | 2 900 | 6 380 | 3 350 | 7 370 | 3 875 | 8 525 | 4 250 | 9 350 | 4 625 | 10 175 | 5 150 | 11 330 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 475 | 125 | 356.25 | 94 | 292 | 77 | 149 | 328 | 441 | 971 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian Country King 620/60R26.5 – T445404

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445404 | 620/60R26.5 | 169 D | Country King | TL | AG 20.00 | 20.00 | 625 | 24.6 | 1 400 | 55.1 | 639 | 25.2 | 4 291 | 168.9 | 400 | 58 | 7 900 | 17 415 | 5 800 | 12 785 | 20 | 25 | 17 | 21 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 720 | 8 200 | 4 640 | 10 230 | 5 540 | 12 215 | 6 250 | 13 780 | 7 200 | 15 875 | 8 100 | 17 855 | 8 800 | 19 400 | 9 550 | 21 055 | 10 450 | 23 040 |
| 20 | 12.5 | 3 400 | 7 495 | 4 260 | 9 390 | 5 080 | 11 200 | 5 700 | 12 565 | 6 600 | 14 550 | 7 450 | 16 425 | 8 050 | 17 745 | 8 750 | 19 290 | 9 600 | 21 165 |
| 25 | 15 | 3 260 | 7 185 | 4 080 | 8 995 | 4 860 | 10 715 | 5 460 | 12 035 | 6 350 | 14 000 | 7 150 | 15 765 | 7 750 | 17 085 | 8 400 | 18 520 | 9 200 | 20 280 |
| 30 | 20 | 3 120 | 6 880 | 3 900 | 8 600 | 4 660 | 10 275 | 5 220 | 11 510 | 6 050 | 13 340 | 6 800 | 14 990 | 7 400 | 16 315 | 8 050 | 17 745 | 8 800 | 19 400 |
| 40 | 25 | 2 810 | 6 195 | 3 520 | 7 760 | 4 200 | 9 260 | 4 700 | 10 360 | 5 440 | 11 995 | 6 150 | 13 560 | 6 650 | 14 660 | 7 250 | 15 985 | 7 900 | 17 415 |
| 50 | 30 | 2 500 | 5 510 | 3 120 | 6 880 | 3 740 | 8 245 | 4 180 | 9 215 | 4 840 | 10 670 | 5 460 | 12 035 | 5 900 | 13 005 | 6 450 | 14 220 | 7 050 | 15 540 |
| 65 | 40 | 2 060 | 4 540 | 2 575 | 5 675 | 3 075 | 6 780 | 3 450 | 7 605 | 4 000 | 8 820 | 4 500 | 9 920 | 4 875 | 10 745 | 5 300 | 11 685 | 5 800 | 12 785 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 555 | 145 | 415 | 110 | 342 | 90 | 174 | 385 | 516 | 1 140 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian Country King 710/50R26.5 – T445406

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445406 | 710/50R26.5 | 170 D | Country King | TL | AG 24.00 | 24.00 | 727 | 28.6 | 1 405 | 55.3 | 646 | 25.4 | 4 304 | 169.4 | 400 | 58 | 8 200 | 18 080 | 6 000 | 13 230 | 20 | 25 | 17 | 21 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 940 | 8 685 | 4 920 | 10 845 | 5 860 | 12 920 | 6 600 | 14 550 | 7 450 | 16 425 | 8 550 | 18 850 | 9 000 | 19 840 | 10 100 | 22 265 | 10 800 | 23 810 |
| 20 | 12.5 | 3 600 | 7 935 | 4 500 | 9 920 | 5 380 | 11 860 | 6 050 | 13 340 | 6 850 | 15 100 | 7 850 | 17 305 | 8 250 | 18 190 | 9 250 | 20 395 | 9 900 | 21 825 |
| 25 | 15 | 3 460 | 7 630 | 4 320 | 9 525 | 5 140 | 11 330 | 5 780 | 12 745 | 6 550 | 14 440 | 7 550 | 16 645 | 7 900 | 17 415 | 8 850 | 19 510 | 9 500 | 20 945 |
| 30 | 20 | 3 300 | 7 275 | 4 120 | 9 085 | 4 920 | 10 845 | 5 520 | 12 170 | 6 250 | 13 780 | 7 200 | 15 875 | 7 550 | 16 645 | 8 500 | 18 740 | 9 100 | 20 060 |
| 40 | 25 | 2 970 | 6 550 | 3 720 | 8 200 | 4 420 | 9 745 | 4 980 | 10 980 | 5 620 | 12 390 | 6 500 | 14 330 | 6 800 | 14 990 | 7 650 | 16 865 | 8 200 | 18 080 |
| 50 | 30 | 2 640 | 5 820 | 3 300 | 7 275 | 3 940 | 8 685 | 4 420 | 9 745 | 5 000 | 11 025 | 5 760 | 12 700 | 6 050 | 13 340 | 6 800 | 14 990 | 7 300 | 16 095 |
| 65 | 40 | 2 180 | 4 805 | 2 725 | 6 010 | 3 250 | 7 165 | 3 650 | 8 045 | 4 125 | 9 095 | 4 750 | 10 470 | 5 000 | 11 025 | 5 600 | 12 345 | 6 000 | 13 230 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 655 | 175 | 490 | 130 | 403 | 105 | 205 | 450 | 609 | 1 345 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian Country King 650/65R26.5 – T445440

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445440 | 650/65R26.5 | 174 D | Country King | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 518 | 59.8 | 689 | 27.1 | 4 656 | 183.3 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 20 | 25 | 17 | 21 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 260 | 9 390 | 5 400 | 11 905 | 6 400 | 14 110 | 7 200 | 15 875 | 8 350 | 18 410 | 9 300 | 20 505 | 10 100 | 22 265 | 11 100 | 24 470 | 12 100 | 26 675 |
| 20 | 12.5 | 3 900 | 8 600 | 4 960 | 10 935 | 5 860 | 12 920 | 6 600 | 14 550 | 7 650 | 16 865 | 8 500 | 18 740 | 9 250 | 20 395 | 10 150 | 22 375 | 11 100 | 24 470 |
| 25 | 15 | 3 740 | 8 245 | 4 740 | 10 450 | 5 620 | 12 390 | 6 350 | 14 000 | 7 350 | 16 205 | 8 150 | 17 965 | 8 850 | 19 510 | 9 750 | 21 495 | 10 600 | 23 370 |
| 30 | 20 | 3 580 | 7 890 | 4 540 | 10 010 | 5 380 | 11 860 | 6 050 | 13 340 | 7 000 | 15 430 | 7 800 | 17 195 | 8 500 | 18 740 | 9 300 | 20 505 | 10 150 | 22 375 |
| 40 | 25 | 3 220 | 7 100 | 4 080 | 8 995 | 4 840 | 10 670 | 5 440 | 11 995 | 6 300 | 13 890 | 7 050 | 15 540 | 7 650 | 16 865 | 8 400 | 18 520 | 9 150 | 20 170 |
| 50 | 30 | 2 860 | 6 305 | 3 640 | 8 025 | 4 300 | 9 480 | 4 840 | 10 670 | 5 600 | 12 345 | 6 250 | 13 780 | 6 800 | 14 990 | 7 450 | 16 425 | 8 150 | 17 965 |
| 65 | 40 | 2 360 | 5 205 | 3 000 | 6 615 | 3 550 | 7 825 | 4 000 | 8 820 | 4 625 | 10 195 | 5 150 | 11 355 | 5 600 | 12 345 | 6 150 | 13 560 | 6 700 | 14 770 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 723 | 190 | 540 | 145 | 445 | 120 | 227 | 500 | 672 | 1 480 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian Country King 800/45R26.5 – T445600

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445600 | 800/45R26.5 | 174 D | Country King | TL | AG 28.00 | 24.00 | 810 | 31.9 | 1 395 | 54.9 | 622 | 24.5 | 4 240 | 166.9 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 26 | 33 | N/A | N/A |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 p.s.i. | 1.2 bar | 17 p.s.i. | 1.6 bar | 23 p.s.i. | 2.0 bar | 29 p.s.i. | 2.4 bar | 35 p.s.i. | 2.8 bar | 41 p.s.i. | 3.2 bar | 46 p.s.i. | 3.6 bar | 53 p.s.i. | 4.0 bar | 58 p.s.i. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 10 | 5 | 3 820 | 8 420 | 4 920 | 10 845 | 6 050 | 13 340 | 7 000 | 15 430 | 8 100 | 17 855 | 9 000 | 19 840 | 10 100 | 22 265 | 11 100 | 24 470 | 12 100 | 26 675 |
| 20 | 12.5 | 3 500 | 7 715 | 4 500 | 9 920 | 5 540 | 12 215 | 6 400 | 14 110 | 7 450 | 16 425 | 8 250 | 18 190 | 9 250 | 20 395 | 10 150 | 22 375 | 11 100 | 24 470 |
| 25 | 15 | 3 360 | 7 405 | 4 320 | 9 525 | 5 300 | 11 685 | 6 150 | 13 560 | 7 150 | 15 765 | 7 900 | 17 415 | 8 850 | 19 510 | 9 750 | 21 495 | 10 600 | 23 370 |
| 30 | 20 | 3 220 | 7 100 | 4 120 | 9 085 | 5 060 | 11 155 | 5 860 | 12 920 | 6 800 | 14 990 | 7 550 | 16 645 | 8 500 | 18 740 | 9 300 | 20 505 | 10 150 | 22 375 |
| 40 | 25 | 2 890 | 6 370 | 3 720 | 8 200 | 4 560 | 10 055 | 5 280 | 11 640 | 6 150 | 13 560 | 6 800 | 14 990 | 7 650 | 16 865 | 8 400 | 18 520 | 9 150 | 20 170 |
| 50 | 30 | 2 570 | 5 665 | 3 300 | 7 275 | 4 060 | 8 950 | 4 700 | 10 360 | 5 460 | 12 035 | 6 050 | 13 340 | 6 800 | 14 990 | 7 450 | 16 425 | 8 150 | 17 965 |
| 65 | 40 | 2 120 | 4 675 | 2 725 | 6 010 | 3 350 | 7 385 | 3 875 | 8 545 | 4 500 | 9 920 | 5 000 | 11 025 | 5 600 | 12 345 | 6 150 | 13 560 | 6 700 | 14 770 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 727 | 190 | 545 | 145 | 447 | 120 | 228 | 505 | 675 | 1 490 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian Country King 650/65R30.5 – T445611

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445611 | 650/65R30.5 | 176 D | Country King | TL | AG 20.00 | 20.00 | 660 | 26.0 | 1 623 | 63.9 | 737 | 29.0 | 4 969 | 195.6 | 400 | 58 | 9 700 | 21 385 | 7 100 | 15 655 | 26 | 33 | N/A | N/A |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 500 | 9 920 | 5 680 | 12 520 | 6 750 | 14 880 | 7 650 | 16 865 | 8 800 | 19 400 | 9 850 | 21 715 | 10 800 | 23 810 | 11 700 | 25 795 | 12 800 | 28 220 |
| 20 | 12.5 | 4 140 | 9 125 | 5 200 | 11 465 | 6 200 | 13 670 | 7 050 | 15 540 | 8 050 | 17 745 | 9 000 | 19 840 | 9 900 | 21 825 | 10 750 | 23 700 | 11 750 | 25 905 |
| 25 | 15 | 3 960 | 8 730 | 4 980 | 10 980 | 5 940 | 13 095 | 6 750 | 14 880 | 7 750 | 17 085 | 8 650 | 19 070 | 9 500 | 20 945 | 10 300 | 22 705 | 11 250 | 24 800 |
| 30 | 20 | 3 780 | 8 335 | 4 760 | 10 495 | 5 680 | 12 520 | 6 450 | 14 220 | 7 400 | 16 315 | 8 250 | 18 190 | 9 100 | 20 060 | 9 850 | 21 715 | 10 750 | 23 700 |
| 40 | 25 | 3 400 | 7 495 | 4 300 | 9 480 | 5 100 | 11 245 | 5 780 | 12 745 | 6 650 | 14 660 | 7 450 | 16 425 | 8 200 | 18 080 | 8 850 | 19 510 | 9 700 | 21 385 |
| 50 | 30 | 3 040 | 6 700 | 3 820 | 8 420 | 4 540 | 10 010 | 5 160 | 11 375 | 5 900 | 13 005 | 6 600 | 14 550 | 7 300 | 16 095 | 7 900 | 17 415 | 8 600 | 18 960 |
| 65 | 40 | 2 500 | 5 510 | 3 150 | 6 945 | 3 750 | 8 265 | 4 250 | 9 370 | 4 875 | 10 745 | 5 450 | 12 015 | 6 000 | 13 230 | 6 500 | 14 330 | 7 100 | 15 655 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 799 | 210 | 600 | 160 | 492 | 130 | 251 | 555 | 743 | 1 638 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Country King 750/60R30.5 – T445610

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445610 | 750/60R30.5 | 181 D | Country King | TL | AG 24.00 | 24.00 | 750 | 29.5 | 1 680 | 66.1 | 757 | 29.8 | 5 144 | 202.5 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 26 | 33 | N/A | N/A |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 p.s.i. | 1.2 bar | 17 p.s.i. | 1.6 bar | 23 p.s.i. | 2.0 bar | 29 p.s.i. | 2.4 bar | 35 p.s.i. | 2.8 bar | 41 p.s.i. | 3.2 bar | 46 p.s.i. | 3.6 bar | 53 p.s.i. | 4.0 bar | 58 p.s.i. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 10 | 5 | 5 400 | 11 905 | 6 600 | 14 550 | 7 900 | 17 415 | 9 000 | 19 840 | 10 450 | 23 040 | 11 700 | 25 795 | 12 450 | 27 445 | 13 500 | 29 760 | 14 850 | 32 740 |
| 20 | 12.5 | 4 960 | 10 935 | 6 050 | 13 340 | 7 250 | 15 985 | 8 250 | 18 190 | 9 600 | 21 165 | 10 750 | 23 700 | 11 400 | 25 130 | 12 400 | 27 335 | 13 650 | 30 095 |
| 25 | 15 | 4 740 | 10 450 | 5 780 | 12 745 | 6 950 | 15 320 | 7 900 | 17 415 | 9 200 | 20 280 | 10 300 | 22 705 | 10 950 | 24 140 | 11 850 | 26 125 | 13 050 | 28 770 |
| 30 | 20 | 4 540 | 10 010 | 5 520 | 12 170 | 6 650 | 14 660 | 7 550 | 16 645 | 8 800 | 19 400 | 9 850 | 21 715 | 10 450 | 23 040 | 11 350 | 25 020 | 12 500 | 27 560 |
| 40 | 25 | 4 080 | 8 995 | 4 980 | 10 980 | 5 960 | 13 140 | 6 800 | 14 990 | 7 900 | 17 415 | 8 850 | 19 510 | 9 400 | 20 725 | 10 200 | 22 485 | 11 250 | 24 800 |
| 50 | 30 | 3 640 | 8 025 | 4 420 | 9 745 | 5 300 | 11 685 | 6 050 | 13 340 | 7 050 | 15 540 | 7 900 | 17 415 | 8 350 | 18 410 | 9 100 | 20 060 | 10 000 | 22 045 |
| 65 | 40 | 3 000 | 6 615 | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 5 800 | 12 785 | 6 500 | 14 330 | 6 900 | 15 210 | 7 500 | 16 535 | 8 250 | 18 190 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 050 | 275 | 785 | 205 | 646 | 170 | 329 | 725 | 976 | 2 150 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Country King – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in | mm | 32 nds in |
| T445542 | 710/35R22.5 | 157 D | Country King | TL | AG 24.00 | 24.00 | 712 | 28.0 | 1 069 | 42.1 | 484 | 19.1 | 3 248 | 127.9 | 400 | 58 | 5 620 | 10 670 | 4 125 | 9 095 | 22 | 28 | 19 | 24 |
| T445402 | 560/45R22.5 | 152 D | Country King | TL | AG 16.00 | 16.00 | 564 | 22.2 | 1 076 | 42.4 | 474 | 18.7 | 3 280 | 129.1 | 400 | 58 | 4 840 | 10 670 | 3 550 | 7 825 | 16 | 20 | 13 | 16 |
| T445453 | 500/60R22.5 | 155 D | Country King | TL | AG 16.00 | 14.00, 15.00, 16.00, 17.00 | 503 | 19.8 | 1 172 | 46.1 | 521 | 20.5 | 3 581 | 141.0 | 400 | 58 | 5 280 | 11 640 | 3 875 | 8 545 | 17 | 21 | 14 | 18 |
| T445441 | 600/50R22.5 | 159 D | Country King | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 172 | 46.1 | 533 | 21.0 | 3 575 | 140.7 | 400 | 58 | 5 960 | 13 140 | 4 375 | 9 645 | 18 | 23 | 15 | 19 |
| T445496 | 710/45R22.5 | 165 D | Country King | TL | AG 24.00 | 24.00 | 727 | 28.6 | 1 212 | 47.7 | 545 | 21.5 | 3 695 | 145.5 | 400 | 58 | 7 050 | 15 540 | 5 150 | 11 355 | 22 | 28 | 19 | 24 |
| T445407 | 650/50R22.5 | 163 D | Country King | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 237 | 48.7 | 564 | 22.2 | 3 789 | 149.2 | 400 | 58 | 6 650 | 14 660 | 4 875 | 10 745 | 18 | 23 | 15 | 19 |
| T445401 | 560/60R22.5 | 161 D | Country King | TL | AG 16.00 | 15.00, 16.00, 17.00, 20.00 | 564 | 22.2 | 1 244 | 49.0 | 557 | 21.9 | 3 764 | 148.2 | 400 | 58 | 6 300 | 13 890 | 4 625 | 10 195 | 18 | 23 | 15 | 19 |
| T445405 | 580/65R22.5 | 166 D | Country King | TL | AG 16.00 | 18.00 | 577 | 22.7 | 1 300 | 51.2 | 586 | 23.1 | 3 977 | 156.6 | 400 | 58 | 7 250 | 15 985 | 5 300 | 11 685 | 19 | 24 | 16 | 20 |
| T445653 | 600/55R26.5 | 165 D | Country King | TL | AG 20.00 | - | 600 | 24.0 | 1 333 | 52.5 | 604 | 23.8 | 4 072 | 160.3 | 400 | 58 | 7 005 | 15 410 | 5 150 | 11 330 | 22 | 28 | N/A | N/A |
| T445404 | 620/60R26.5 | 169 D | Country King | TL | AG 20.00 | 20.00 | 625 | 24.6 | 1 400 | 55.1 | 639 | 25.2 | 4 291 | 168.9 | 400 | 58 | 7 900 | 17 415 | 5 800 | 12 785 | 20 | 25 | 17 | 21 |
| T445406 | 710/50R26.5 | 170 D | Country King | TL | AG 24.00 | 20.00, 24.00 | 727 | 28.6 | 1 405 | 55.3 | 646 | 25.4 | 4 304 | 169.4 | 400 | 58 | 8 200 | 18 080 | 6 000 | 13 230 | 20 | 25 | 17 | 21 |
| T445440 | 650/65R26.5 | 174 D | Country King | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 518 | 59.8 | 689 | 27.1 | 4 656 | 183.3 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 20 | 25 | 17 | 21 |
| T445600 | 800/45R26.5 | 174 D | Country King | TL | AG 28.00 | 24.00 | 810 | 31.9 | 1 395 | 54.9 | 622 | 24.5 | 4 240 | 166.9 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 26 | 33 | N/A | N/A |
| T445611 | 650/65R30.5 | 176 D | Country King | TL | AG 20.00 | 20.00 | 660 | 26.0 | 1 623 | 63.9 | 737 | 29.0 | 4 969 | 195.6 | 400 | 58 | 9 700 | 21 385 | 7 100 | 15 655 | 26 | 33 | N/A | N/A |
| T445610 | 750/60R30.5 | 181 D | Country King | TL | AG 24.00 | 24.00 | 750 | 29.5 | 1 680 | 66.1 | 757 | 29.8 | 5 144 | 202.5 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 26 | 33 | N/A | N/A |

# NOKIAN ELS RADIAL



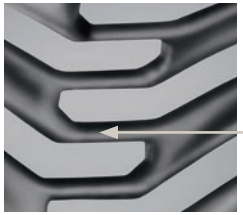

## Respecting and protecting the environment

A flotation radial tire for agricultural machines and trailers. The large contact area, low tire pressure and the structure and tread pattern efficiently prevents soil compaction. Excellent grip and mobility for soft surfaces.

- Environmentally friendly flotation tire for large agricultural machines and trailers
- Low surface pressure and soil compaction due to the large contact area
- This sturdy radial tire endures speed well

Available also as SB (steel belted) version for higher load capacity and more puncture resistance.

**Notice!** When most driving on fields Nokian ELS Radial is the best solution.



Nokian ELS / Nokian ELS SB tread depth measuring point

## Sizes

- Nokian ELS Radial 500/50R17 – T445319
- Nokian ELS Radial 500/50R17 – T445250
- Nokian ELS Radial 560/45R22.5 – T445297
- Nokian ELS Radial 500/60R22.5 – T445249
- Nokian ELS Radial 600/50R22.5 – T445292
- Nokian ELS Radial 710/45R22.5 – T445348
- Nokian ELS Radial 550/60R22.5 – T492100
- Nokian ELS Radial 600/55R26.5 – T445146
- Nokian ELS Radial 700/50R26.5 – T445227
- Nokian ELS Radial SB 700/50R26.5 – T445641
- Nokian ELS Radial 750/55R26.5 – T445317
- Nokian ELS Radial SB 750/55R26.5 – T445601
- Nokian ELS Radial 650/65R26.5 – T445189
- Nokian ELS Radial SB 650/65R26.5 – T445465
- Nokian ELS Radial SB 650/65R30.5 – T445497
- Nokian ELS Radial SB 850/50R30.5 – T445499
- Nokian ELS Radial SB 850/45R34 – T445502
- Nokian ELS Radial 710/55R34 – T445252
- Nokian ELS Radial SB 710/55R34 – T445470
- Nokian ELS Radial 800/50R34 – T445332
- Nokian ELS Radial SB 800/50R34 – T445469
- Nokian ELS Radial SB 650/60R34 – T445439
- Nokian ELS Radial SB 750/60R30.5 – T445498
- Nokian ELS Radial SB 750/55R34 – T445501
- Nokian ELS Radial SB 800/60R34 – T445500
- Nokian ELS Radial 800/60R34 – T445318



# Nokian ELS Radial 500/50R17 – T445319

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445319 | 500/50R17 | 121 A8[1)] | ELS | TL | AG 16.00 | 16.00 | 500 | 19.7 | 933 | 36.7 | 406 | 16.0 | 2 783 | 109.6 | 80 LLV[2)] | 12 | 1 450 | 3 195 | 1 305 | 2 875 | 16 | 20 |

1) Special tire for balers
2) HLV (high load variation): trailer use, LLV (low load variation): other agricultural machines

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 195 | 50 | 145 | 40 | 120 | 30 | 61 | 135 | 181 | 400 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T56422 | TR 15 |



# Nokian ELS Radial 500/50R17 – T445250

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445250 | 500/50R17 | 145 D | ELS | TL | AG 16.00 | 16.00 | 503 | 19.8 | 933 | 36.7 | 406 | 16.0 | 2 783 | 109.6 | 400 | 58 | 3 960 | 8 730 | 2 900 | 6 395 | 16 | 20 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 p.s.i. | 1.2 bar | 17 p.s.i. | 1.6 bar | 23 p.s.i. | 2.0 bar | 29 p.s.i. | 2.4 bar | 35 p.s.i. | 2.8 bar | 41 p.s.i. | 3.2 bar | 46 p.s.i. | 3.6 bar | 53 p.s.i. | 4.0 bar | 58 p.s.i. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 10 | 5 | 1 860 | 4 100 | 2 320 | 5 115 | 2 610 | 5 755 | 3 160 | 6 965 | 3 600 | 7 935 | 4 040 | 8 905 | 4 380 | 9 655 | 4 780 | 10 540 | 5 220 | 11 510 |
| 20 | 12.5 | 1 700 | 3 750 | 2 120 | 4 675 | 2 400 | 5 290 | 2 890 | 6 370 | 3 300 | 7 275 | 3 700 | 8 155 | 4 020 | 8 860 | 4 380 | 9 655 | 4 800 | 10 580 |
| 25 | 15 | 1 630 | 3 595 | 2 030 | 4 475 | 2 300 | 5 070 | 2 770 | 6 105 | 3 160 | 6 965 | 3 540 | 7 805 | 3 840 | 8 465 | 4 200 | 9 260 | 4 600 | 10 140 |
| 30 | 20 | 1 560 | 3 440 | 1 940 | 4 275 | 2 190 | 4 830 | 2 650 | 5 840 | 3 020 | 6 660 | 3 400 | 7 495 | 3 680 | 8 115 | 4 020 | 8 860 | 4 380 | 9 655 |
| 40 | 25 | 1 410 | 3 110 | 1 750 | 3 860 | 1 980 | 4 365 | 2 380 | 5 245 | 2 720 | 5 995 | 3 060 | 6 745 | 3 320 | 7 320 | 3 620 | 7 980 | 3 960 | 8 730 |
| 50 | 30 | 1 250 | 2 755 | 1 560 | 3 440 | 1 760 | 3 880 | 2 120 | 4 675 | 2 420 | 5 335 | 2 710 | 5 975 | 2 940 | 6 480 | 3 220 | 7 100 | 3 520 | 7 760 |
| 65 | 40 | 1 030 | 2 270 | 1 285 | 2 835 | 1 450 | 3 195 | 1 750 | 3 860 | 2 000 | 4 410 | 2 240 | 4 940 | 2 430 | 5 355 | 2 650 | 5 840 | 2 900 | 6 395 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 195 | 50 | 145 | 40 | 120 | 30 | 61 | 135 | 181 | 400 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T56422 | TR 15 |



# Nokian ELS Radial 560/45R22.5 – T445297

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445297 | 560/45R22.5 | 146 D | ELS | TL | AG 16.00 | 14.00 15.00 16.00 17.00 | 560 | 22.0 | 1 076 | 42.4 | 486 | 19.1 | 3 261 | 128.4 | 320 | 46 | 4 080 | 8 995 | 3 000 | 6 615 | 18 | 23 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 p.s.i. | 1.2 bar | 17 p.s.i. | 1.6 bar | 23 p.s.i. | 2.0 bar | 29 p.s.i. | 2.4 bar | 35 p.s.i. | 2.8 bar | 41 p.s.i. | 3.2 bar | 46 p.s.i. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 10 | 5 | 2 250 | 4 960 | 2 880 | 6 350 | 3 420 | 7 540 | 3 820 | 8 420 | 4 380 | 9 655 | 4 920 | 10 845 | 5 400 | 11 905 |
| 20 | 12.5 | 2 070 | 4 565 | 2 640 | 5 820 | 3 140 | 6 920 | 3 500 | 7 715 | 4 020 | 8 860 | 4 500 | 9 920 | 4 960 | 10 935 |
| 25 | 15 | 1 980 | 4 365 | 2 530 | 5 580 | 3 020 | 6 660 | 3 360 | 7 405 | 3 840 | 8 465 | 4 320 | 9 525 | 4 740 | 10 450 |
| 30 | 20 | 1 890 | 4 165 | 2 420 | 5 335 | 2 870 | 6 325 | 3 220 | 7 100 | 3 680 | 8 115 | 4 120 | 9 085 | 4 540 | 10 010 |
| 40 | 25 | 1 700 | 3 750 | 2 180 | 4 805 | 2 590 | 5 710 | 2 890 | 6 370 | 3 320 | 7 320 | 3 720 | 8 200 | 4 080 | 8 995 |
| 50 | 30 | 1 520 | 3 350 | 1 940 | 4 275 | 2 300 | 5 070 | 2 570 | 5 665 | 2 940 | 6 480 | 3 300 | 7 275 | 3 640 | 8 025 |
| 65 | 40 | 1 250 | 2 755 | 1 600 | 3 525 | 1 900 | 4 190 | 2 120 | 4 675 | 2 430 | 5 355 | 2 725 | 6 010 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 265 | 70 | 200 | 55 | 163 | 45 | 83 | 185 | 246 | 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T56435 | TR 218 A |



# Nokian ELS Radial 500/60R22.5 – T445249

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445249 | 500/60R22.5 | 146 D | ELS | TL | AG 16.00 | 14.00 15.00, 16.00, 17.00 | 503 | 19.8 | 1 150 | 45.3 | 517 | 20.4 | 3 481 | 137.0 | 280 | 41 | 4 080 | 8 995 | 3 000 | 6 615 | 19 | 24 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 p.s.i. | 1.2 bar | 17 p.s.i. | 1.6 bar | 23 p.s.i. | 2.0 bar | 29 p.s.i. | 2.4 bar | 35 p.s.i. | 2.8 bar | 41 p.s.i. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 10 | 5 | 2 450 | 5 400 | 3 060 | 6 745 | 3 720 | 8 200 | 4 140 | 9 125 | 4 780 | 10 540 | 5 400 | 11 905 |
| 20 | 12.5 | 2 250 | 4 960 | 2 810 | 6 195 | 3 400 | 7 495 | 3 800 | 8 375 | 4 380 | 9 655 | 4 960 | 10 935 |
| 25 | 15 | 2 150 | 4 740 | 2 690 | 5 930 | 3 260 | 7 185 | 3 640 | 8 025 | 4 200 | 9 260 | 4 740 | 10 450 |
| 30 | 20 | 2 060 | 4 540 | 2 570 | 5 665 | 3 120 | 6 880 | 3 480 | 7 670 | 4 020 | 8 860 | 4 540 | 10 010 |
| 40 | 25 | 1 850 | 4 080 | 2 320 | 5 115 | 2 810 | 6 195 | 3 140 | 6 920 | 3 620 | 7 980 | 4 080 | 8 995 |
| 50 | 30 | 1 650 | 3 640 | 2 060 | 4 540 | 2 500 | 5 510 | 2 790 | 6 150 | 3 220 | 7 100 | 3 640 | 8 025 |
| 65 | 40 | 1 360 | 3 000 | 1 700 | 3 750 | 2 060 | 4 540 | 2 300 | 5 070 | 2 650 | 5 840 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 295 | 80 | 220 | 60 | 182 | 50 | 93 | 205 | 274 | 605 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55096 | TR 218 A |



# Nokian ELS Radial 600/50R22.5 – T445292

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445292 | 600/50R22.5 | 156 D | ELS | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 172 | 46.1 | 531 | 20.9 | 3 563 | 140.3 | 360 | 52 | 5 440 | 11 995 | 4 000 | 8 820 | 19 | 24 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 610 | 5 755 | 3 520 | 7 760 | 4 140 | 9 125 | 4 780 | 10 540 | 5 400 | 11 905 | 6 050 | 13 340 | 6 600 | 14 550 | 7 200 | 15 875 |
| 20 | 12.5 | 2 400 | 5 290 | 3 220 | 7 100 | 3 800 | 8 375 | 4 380 | 9 655 | 4 960 | 10 935 | 5 540 | 12 215 | 6 050 | 13 340 | 6 600 | 14 550 |
| 25 | 15 | 2 300 | 5 070 | 3 100 | 6 835 | 3 640 | 8 025 | 4 200 | 9 260 | 4 740 | 10 450 | 5 300 | 11 685 | 5 780 | 12 745 | 6 350 | 14 000 |
| 30 | 20 | 2 190 | 4 830 | 2 950 | 6 505 | 3 480 | 7 670 | 4 020 | 8 860 | 4 540 | 10 010 | 5 060 | 11 155 | 5 520 | 12 170 | 6 050 | 13 340 |
| 40 | 25 | 1 980 | 4 365 | 2 660 | 5 865 | 3 140 | 6 920 | 3 620 | 7 980 | 4 080 | 8 995 | 4 560 | 10 055 | 4 980 | 10 980 | 5 440 | 11 995 |
| 50 | 30 | 1 760 | 3 880 | 2 360 | 5 205 | 2 790 | 6 150 | 3 220 | 7 100 | 3 640 | 8 025 | 4 060 | 8 950 | 4 420 | 9 745 | 4 840 | 10 670 |
| 65 | 40 | 1 450 | 3 195 | 1 950 | 4 300 | 2 300 | 5 070 | 2 650 | 5 840 | 3 000 | 6 615 | 3 350 | 7 385 | 3 650 | 8 045 | 4 000 | 8 820 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 370 | 100 | 280 | 75 | 228 | 60 | 116 | 255 | 344 | 760 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian ELS Radial 710/45R22.5 – T445348

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445348 | 710/45R22.5 | 156 D | ELS | TL | AG 24.00 | 24.00 | 710 | 28.0 | 1 212 | 47.7 | 582 | 22.9 | 3 654 | 143.9 | 280 | 41 | 5 440 | 11 995 | 4 000 | 8 820 | 20 | 25 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 340 | 7 365 | 4 140 | 9 125 | 4 920 | 10 845 | 5 540 | 12 215 | 6 400 | 14 110 | 7 200 | 15 875 |
| 20 | 12.5 | 3 060 | 6 745 | 3 800 | 8 375 | 4 500 | 9 920 | 5 080 | 11 200 | 5 860 | 12 920 | 6 600 | 14 550 |
| 25 | 15 | 2 930 | 6 460 | 3 640 | 8 025 | 4 320 | 9 525 | 4 860 | 10 715 | 5 620 | 12 390 | 6 350 | 14 000 |
| 30 | 20 | 2 800 | 6 175 | 3 480 | 7 670 | 4 120 | 9 085 | 4 660 | 10 275 | 5 380 | 11 860 | 6 050 | 13 340 |
| 40 | 25 | 2 520 | 5 555 | 3 140 | 6 920 | 3 720 | 8 200 | 4 200 | 9 260 | 4 840 | 10 670 | 5 440 | 11 995 |
| 50 | 30 | 2 240 | 4 940 | 2 790 | 6 150 | 3 300 | 7 275 | 3 740 | 8 245 | 4 300 | 9 480 | 4 840 | 10 670 |
| 65 | 40 | 1 850 | 4 080 | 2 300 | 5 070 | 2 725 | 6 010 | 3 075 | 6 780 | 3 550 | 7 825 | 4 000 | 8 820 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 550 | 145 | 415 | 110 | 338 | 90 | 173 | 380 | 511 | 1 125 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |



# Nokian ELS Radial 550/60R22.5 – T492100

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T492100 | 550/60R22.5 | 151 D | ELS | TL | AG 16.00 | 16.00 | 537 | 21.1 | 1 232 | 48.5 | 522 | 20.6 | 3 745 | 147.4 | 280 | 41 | 4 700 | 10 360 | 3 450 | 7 605 | 20 | 25 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 880 | 6 350 | 3 600 | 7 935 | 4 260 | 9 390 | 4 920 | 10 845 | 5 540 | 12 215 | 6 250 | 13 780 |
| 20 | 12.5 | 2 640 | 5 820 | 3 300 | 7 275 | 3 900 | 8 600 | 4 500 | 9 920 | 5 080 | 11 200 | 5 700 | 12 565 |
| 25 | 15 | 2 530 | 5 580 | 3 160 | 6 965 | 3 740 | 8 245 | 4 320 | 9 525 | 4 860 | 10 715 | 5 460 | 12 035 |
| 30 | 20 | 2 420 | 5 335 | 3 020 | 6 660 | 3 580 | 7 890 | 4 120 | 9 085 | 4 660 | 10 275 | 5 220 | 11 510 |
| 40 | 25 | 2 180 | 4 805 | 2 720 | 5 995 | 3 220 | 7 100 | 3 720 | 8 200 | 4 200 | 9 260 | 4 700 | 10 360 |
| 50 | 30 | 1 940 | 4 275 | 2 420 | 5 335 | 2 860 | 6 305 | 3 300 | 7 275 | 3 740 | 8 245 | 4 180 | 9 215 |
| 65 | 40 | 1 600 | 3 525 | 2 000 | 4 410 | 2 360 | 5 205 | 2 725 | 6 010 | 3 075 | 6 780 | 3 450 | 7 605 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 375 | 100 | 280 | 75 | 231 | 60 | 118 | 260 | 348 | 765 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55096 | TR 218 A |



# Nokian ELS Radial 600/55R26.5 – T445146

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445146 | 600/55R26.5 | 158 D | ELS | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 333 | 52.5 | 603 | 23.7 | 4 040 | 159.1 | 320 | 46 | 5 780 | 12 745 | 4 250 | 9 370 | 22 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 240 | 7 145 | 4 040 | 8 905 | 4 920 | 10 845 | 5 540 | 12 215 | 6 400 | 14 110 | 7 200 | 15 875 | 7 650 | 16 865 |
| 20 | 12.5 | 2 970 | 6 550 | 3 700 | 8 155 | 4 500 | 9 920 | 5 080 | 11 200 | 5 860 | 12 920 | 6 600 | 14 550 | 7 050 | 15 540 |
| 25 | 15 | 2 850 | 6 285 | 3 540 | 7 805 | 4 320 | 9 525 | 4 860 | 10 715 | 5 620 | 12 390 | 6 350 | 14 000 | 6 750 | 14 880 |
| 30 | 20 | 2 720 | 5 995 | 3 400 | 7 495 | 4 120 | 9 085 | 4 660 | 10 275 | 5 380 | 11 860 | 6 050 | 13 340 | 6 450 | 14 220 |
| 40 | 25 | 2 450 | 5 400 | 3 060 | 6 745 | 3 720 | 8 200 | 4 200 | 9 260 | 4 840 | 10 670 | 5 440 | 11 995 | 5 780 | 12 745 |
| 50 | 30 | 2 180 | 4 805 | 2 710 | 5 975 | 3 300 | 7 275 | 3 740 | 8 245 | 4 300 | 9 480 | 4 840 | 10 670 | 5 160 | 11 375 |
| 65 | 40 | 1 800 | 3 970 | 2 240 | 4 940 | 2 725 | 6 010 | 3 075 | 6 780 | 3 550 | 7 825 | 4 000 | 8 820 | 4 250 | 9 370 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 475 | 125 | 355 | 95 | 292 | 75 | 149 | 330 | 441 | 970 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55098 | TR 218 A |



# Nokian ELS Radial 700/50R26.5 – T445227

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445227 | 700/50R26.5 | 161 D | ELS | TL | AG 24.00 | 20.00, 24.00 | 700 | 27.6 | 1 373 | 54.1 | 625 | 24.6 | 4 160 | 163.8 | 280 | 41 | 6 300 | 13 890 | 4 625 | 10 195 | 22 | 28 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 820 | 8 420 | 4 780 | 10 540 | 5 680 | 12 520 | 6 400 | 14 110 | 7 450 | 16 425 | 8 350 | 18 410 |
| 20 | 12.5 | 3 500 | 7 715 | 4 380 | 9 655 | 5 200 | 11 465 | 5 860 | 12 920 | 6 850 | 15 100 | 7 650 | 16 865 |
| 25 | 15 | 3 360 | 7 405 | 4 200 | 9 260 | 4 980 | 10 980 | 5 620 | 12 390 | 6 550 | 14 440 | 7 350 | 16 205 |
| 30 | 20 | 3 220 | 7 100 | 4 020 | 8 860 | 4 760 | 10 495 | 5 380 | 11 860 | 6 250 | 13 780 | 7 000 | 15 430 |
| 40 | 25 | 2 890 | 6 370 | 3 620 | 7 980 | 4 300 | 9 480 | 4 840 | 10 670 | 5 620 | 12 390 | 6 300 | 13 890 |
| 50 | 30 | 2 570 | 5 665 | 3 220 | 7 100 | 3 820 | 8 420 | 4 300 | 9 480 | 5 000 | 11 025 | 5 600 | 12 345 |
| 65 | 40 | 2 120 | 4 675 | 2 650 | 5 840 | 3 150 | 6 945 | 3 550 | 7 825 | 4 125 | 9 095 | 4 625 | 10 195 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 610 | 160 | 460 | 120 | 375 | 100 | 191 | 420 | 567 | 1 250 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55099 | TR 218 A |



# Nokian ELS Radial SB 700/50R26.5 – T445641

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445641 | 700/50R26.5 | 170 D | ELS SB[3)] | TL | AG24.00 | - | 700 | 28 | 1 368 | 53.9 | 615 | 24.2 | 4 198 | 165.3 | 400 | 58 | 8 160 | 17 955 | 6 000 | 13 200 | 22 | 28 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 3 420 | 7 525 | 4 375 | 9 625 | 5 400 | 11 880 | 6 210 | 13 665 | 7 200 | 15 840 | 8 100 | 17 820 | 9 000 | 19 800 | 9 810 | 21 585 | 10 800 | 23 760 |
| 20 | 12 | 3 135 | 6 900 | 4 010 | 8 825 | 4 950 | 10 890 | 5 695 | 12 530 | 6 600 | 14 520 | 7 425 | 16 335 | 8 250 | 18 150 | 8 995 | 19 790 | 9 900 | 21 780 |
| 25 | 16 | 3 005 | 6 615 | 3 840 | 8 450 | 4 740 | 10 430 | 5 455 | 12 005 | 6 320 | 13 905 | 7 110 | 15 645 | 7 900 | 17 380 | 8 615 | 18 955 | 9 480 | 20 860 |
| 30 | 19 | 2 870 | 6 315 | 3 670 | 8 075 | 4 530 | 9 970 | 5 210 | 11 465 | 6 040 | 13 290 | 6 795 | 14 950 | 7 550 | 16 610 | 8 230 | 18 110 | 9 060 | 19 935 |
| 40 | 25 | 2 585 | 5 690 | 3 305 | 7 275 | 4 080 | 8 980 | 4 695 | 10 330 | 5 440 | 11 970 | 6 120 | 13 465 | 6 800 | 14 960 | 7 415 | 16 315 | 8 160 | 17 955 |
| 50 | 31 | | | | | 3 630 | 7 990 | 4 175 | 9 185 | 4 840 | 10 650 | 5 445 | 11 980 | 6 050 | 13 310 | 6 595 | 14 510 | 7 260 | 15 975 |
| 65 | 40 | | | | | 3 000 | 6 600 | 3 450 | 7 590 | 4 000 | 8 800 | 4 500 | 9 900 | 5 000 | 11 000 | 5 450 | 11 990 | 6 000 | 13 200 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 610 | 161 | 457.5 | 121 | 375 | 99 | 191 | 421 | 567 | 1 247 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55099 | TR 218 A |



# Nokian ELS Radial 750/55R26.5 – T445317

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445317 | 750/55R26.5 | 164 D | ELS | TL | AG 24.00 | 24.00 | 750 | 29.5 | 1 498 | 59.0 | 670 | 26.4 | 4 524 | 178.1 | 240 | 35 | 6 800 | 14 990 | 5 000 | 11 025 | 20 | 25 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 640 | 10 230 | 5 860 | 12 920 | 7 000 | 15 430 | 7 900 | 17 415 | 9 000 | 19 840 |
| 20 | 12.5 | 4 260 | 9 390 | 5 380 | 11 860 | 6 400 | 14 110 | 7 250 | 15 985 | 8 250 | 18 190 |
| 25 | 15 | 4 080 | 8 995 | 5 140 | 11 330 | 6 150 | 13 560 | 6 950 | 15 320 | 7 900 | 17 415 |
| 30 | 20 | 3 900 | 8 600 | 4 920 | 10 845 | 5 860 | 12 920 | 6 650 | 14 660 | 7 550 | 16 645 |
| 40 | 25 | 3 520 | 7 760 | 4 420 | 9 745 | 5 280 | 11 640 | 5 960 | 13 140 | 6 800 | 14 990 |
| 50 | 30 | 3 120 | 6 880 | 3 940 | 8 685 | 4 700 | 10 360 | 5 300 | 11 685 | 6 050 | 13 340 |
| 65 | 40 | 2 575 | 5 675 | 3 250 | 7 165 | 3 875 | 8 545 | 4 375 | 9 645 | 5 000 | 11 025 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 815 | 215 | 610 | 160 | 502 | 135 | 256 | 565 | 757 | 1 670 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian ELS Radial SB 750/55R26.5 – T445601

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445601 | 750/55R26.5 | 177 D | ELS SB[3)] | TL | AG 24.00 | - | 750 | 30 | 1 498 | 59.0 | 663 | 26.1 | 4 555 | 179.3 | 400 | 58 | 9 930 | 21 845 | 7 300 | 16 060 | 24 | 30 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 6 | 4 140 | 9 110 | 5 400 | 11 880 | 6 570 | 14 455 | 7 425 | 16 335 | 8 775 | 19 305 | 9 810 | 21 580 | 10 800 | 23 760 | 11 700 | 25 740 | 13 140 | 28 910 |
| 20 | 12 | 3 795 | 8 350 | 4 950 | 10 890 | 6 025 | 13 255 | 6 805 | 14 970 | 8 045 | 17 700 | 8 995 | 19 790 | 9 900 | 21 780 | 10 725 | 23 595 | 12 045 | 26 500 |
| 25 | 16 | 3 635 | 7 995 | 4 740 | 10 430 | 5 765 | 12 685 | 6 520 | 14 345 | 7 705 | 16 950 | 8 610 | 18 940 | 9 480 | 20 855 | 10 270 | 22 595 | 11 535 | 25 375 |
| 30 | 19 | 3 475 | 7 645 | 4 530 | 9 965 | 5 510 | 12 120 | 6 230 | 13 705 | 7 360 | 16 190 | 8 230 | 18 105 | 9 060 | 19 930 | 9 815 | 21 595 | 11 025 | 24 255 |
| 40 | 25 | 3 130 | 6 885 | 4 080 | 8 975 | 4 965 | 10 925 | 5 610 | 12 340 | 6 630 | 14 585 | 7 410 | 16 300 | 8 160 | 17 950 | 8 840 | 19 450 | 9 930 | 21 845 |
| 50 | 31 | 2 785 | 6 125 | 3 630 | 7 985 | 4 415 | 9 715 | 4 990 | 10 980 | 5 900 | 12 980 | 6 595 | 14 510 | 7 260 | 15 970 | 7 865 | 17 305 | 8 835 | 19 435 |
| 65 | 40 | 2 300 | 5 060 | 3 000 | 6 600 | 3 650 | 8 030 | 4 125 | 9 075 | 4 875 | 10 725 | 5 450 | 11 990 | 6 000 | 13 200 | 6 500 | 14 300 | 7 300 | 16 060 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 795 | 210 | 596 | 158 | 489 | 129 | 249 | 549 | 739 | 1 625 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian ELS Radial 650/65R26.5 – T445189

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445189 | 650/65R26.5 | 165 D | ELS | TL | AG 20.00 | 20.00 | 650 | 25.6 | 1 518 | 59.8 | 683 | 26.9 | 4 595 | 180.9 | 280 | 41 | 7 050 | 15 540 | 5 150 | 11 355 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

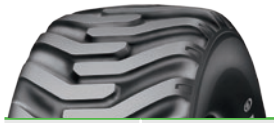
| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 260 | 9 390 | 5 400 | 11 905 | 6 400 | 14 110 | 7 200 | 15 875 | 8 350 | 18 410 | 9 300 | 20 505 |
| 20 | 12.5 | 3 900 | 8 600 | 4 960 | 10 935 | 5 860 | 12 920 | 6 600 | 14 550 | 7 650 | 16 865 | 8 500 | 18 740 |
| 25 | 15 | 3 740 | 8 245 | 4 740 | 10 450 | 5 620 | 12 390 | 6 350 | 14 000 | 7 350 | 16 205 | 8 150 | 17 965 |
| 30 | 20 | 3 580 | 7 890 | 4 540 | 10 010 | 5 380 | 11 860 | 6 050 | 13 340 | 7 000 | 15 430 | 7 800 | 17 195 |
| 40 | 25 | 3 220 | 7 100 | 4 080 | 8 995 | 4 840 | 10 670 | 5 440 | 11 995 | 6 300 | 13 890 | 7 050 | 15 540 |
| 50 | 30 | 2 860 | 6 305 | 3 640 | 8 025 | 4 300 | 9 480 | 4 840 | 10 670 | 5 600 | 12 345 | 6 250 | 13 780 |
| 65 | 40 | 2 360 | 5 205 | 3 000 | 6 615 | 3 550 | 7 825 | 4 000 | 8 820 | 4 625 | 10 195 | 5 150 | 11 355 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 725 | 190 | 545 | 145 | 446 | 120 | 227 | 500 | 674 | 1 485 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian ELS Radial SB 650/65R26.5 – T445465

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445465 | 650/65R26.5 | 174 D | ELS SB[3)] | TL | AG 20.00 | 20.00 | 650 | 25.6 | 1 518 | 59.8 | 680 | 26.8 | 4 618 | 181.8 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 24 | 30 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 260 | 9 390 | 5 400 | 11 905 | 6 400 | 14 110 | 7 200 | 15 875 | 8 350 | 18 410 | 9 300 | 20 505 | 10 100 | 22 265 | 11 100 | 24 470 | 12 100 | 26 675 |
| 20 | 12.5 | 3 900 | 8 600 | 4 960 | 10 935 | 5 860 | 12 920 | 6 600 | 14 550 | 7 650 | 16 865 | 8 500 | 18 740 | 9 250 | 20 395 | 10 150 | 22 375 | 11 100 | 24 470 |
| 25 | 15 | 3 740 | 8 245 | 4 740 | 10 450 | 5 620 | 12 390 | 6 350 | 14 000 | 7 350 | 16 205 | 8 150 | 17 965 | 8 850 | 19 510 | 9 750 | 21 495 | 10 600 | 23 370 |
| 30 | 20 | 3 580 | 7 890 | 4 540 | 10 010 | 5 380 | 11 860 | 6 050 | 13 340 | 7 000 | 15 430 | 7 800 | 17 195 | 8 500 | 18 740 | 9 300 | 20 505 | 10 150 | 22 375 |
| 40 | 25 | 3 220 | 7 100 | 4 080 | 8 995 | 4 840 | 10 670 | 5 440 | 11 995 | 6 300 | 13 890 | 7 050 | 15 540 | 7 650 | 16 865 | 8 400 | 18 520 | 9 150 | 20 170 |
| 50 | 30 | 2 860 | 6 305 | 3 640 | 8 025 | 4 300 | 9 480 | 4 840 | 10 670 | 5 600 | 12 345 | 6 250 | 13 780 | 6 800 | 14 990 | 7 450 | 16 425 | 8 150 | 17 965 |
| 65 | 40 | 2 360 | 5 205 | 3 000 | 6 615 | 3 550 | 7 825 | 4 000 | 8 820 | 4 625 | 10 195 | 5 150 | 11 355 | 5 600 | 12 345 | 6 150 | 13 560 | 6 700 | 14 770 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 725 | 190 | 545 | 145 | 446 | 120 | 227 | 500 | 674 | 1 485 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55102 | TR 218 A |



# Nokian ELS Radial SB 650/65R30.5 – T445497

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445497 | 650/65R30.5 | 176 D | ELS SB[3)] | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 623 | 63.9 | 736 | 29.0 | 4 976 | 195.9 | 400 | 58 | 9 700 | 21 385 | 7 100 | 15 655 | 26 | 33 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 500 | 9 920 | 5 680 | 12 520 | 6 750 | 14 880 | 7 650 | 16 865 | 8 800 | 19 400 | 9 850 | 21 715 | 10 800 | 23 810 | 11 700 | 25 795 | 12 800 | 28 220 |
| 20 | 12.5 | 4 140 | 9 125 | 5 200 | 11 465 | 6 200 | 13 670 | 7 050 | 15 540 | 8 050 | 17 745 | 9 000 | 19 840 | 9 900 | 21 825 | 10 750 | 23 700 | 11 750 | 25 905 |
| 25 | 15 | 3 960 | 8 730 | 4 980 | 10 980 | 5 940 | 13 095 | 6 750 | 14 880 | 7 750 | 17 085 | 8 650 | 19 070 | 9 500 | 20 945 | 10 300 | 22 705 | 11 250 | 24 800 |
| 30 | 20 | 3 780 | 8 335 | 4 760 | 10 495 | 5 680 | 12 520 | 6 450 | 14 220 | 7 400 | 16 315 | 8 250 | 18 190 | 9 100 | 20 060 | 9 850 | 21 715 | 10 750 | 23 700 |
| 40 | 25 | 3 400 | 7 495 | 4 300 | 9 480 | 5 100 | 11 245 | 5 780 | 12 745 | 6 650 | 14 660 | 7 450 | 16 425 | 8 200 | 18 080 | 8 850 | 19 510 | 9 700 | 21 385 |
| 50 | 30 | 3 040 | 6 700 | 3 820 | 8 420 | 4 540 | 10 010 | 5 160 | 11 375 | 5 900 | 13 005 | 6 600 | 14 550 | 7 300 | 16 095 | 7 900 | 17 415 | 8 600 | 18 960 |
| 65 | 40 | 2 500 | 5 510 | 3 150 | 6 945 | 3 750 | 8 265 | 4 250 | 9 370 | 4 875 | 10 745 | 5 450 | 12 015 | 6 000 | 13 230 | 6 500 | 14 330 | 7 100 | 15 655 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 799 | 210 | 600 | 160 | 492 | 130 | 251 | 555 | 743 | 1 638 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial SB 850/50R30.5 – T445499

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445499 | 850/50R30.5 | 182 D | ELS SB[3)] | TL | AG 28.00 | AG 27.00" , AG 30.00" | 862 | 33,9 | 1 625 | 64,0 | 734 | 28,9 | 4 936 | 194,3 | 400 | 58 | 11 600 | 25 575 | 8 500 | 18 740 | 27 | 34 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 540 | 12 215 | 6 750 | 14 880 | 8 350 | 18 410 | 9 300 | 20 505 | 10 450 | 23 040 | 12 100 | 26 675 | 12 800 | 28 220 | 13 950 | 30 755 | 15 300 | 33 730 |
| 20 | 12.5 | 5 080 | 11 200 | 6 200 | 13 670 | 7 650 | 16 865 | 8 500 | 18 740 | 9 600 | 21 165 | 11 100 | 24 470 | 11 750 | 25 905 | 12 800 | 28 220 | 14 050 | 30 975 |
| 25 | 15 | 4 860 | 10 715 | 5 940 | 13 095 | 7 350 | 16 205 | 8 150 | 17 965 | 9 200 | 20 280 | 10 600 | 23 370 | 11 250 | 24 800 | 12 250 | 27 005 | 13 450 | 29 650 |
| 30 | 20 | 4 660 | 10 275 | 5 680 | 12 520 | 7 000 | 15 430 | 7 800 | 17 195 | 8 800 | 19 400 | 10 150 | 22 375 | 10 750 | 23 700 | 11 750 | 25 905 | 12 850 | 28 330 |
| 40 | 25 | 4 200 | 9 260 | 5 100 | 11 245 | 6 300 | 13 890 | 7 050 | 15 540 | 7 900 | 17 415 | 9 150 | 20 170 | 9 700 | 21 385 | 10 550 | 23 260 | 11 600 | 25 575 |
| 50 | 30 | 3 740 | 8 245 | 4 540 | 10 010 | 5 600 | 12 345 | 6 250 | 13 780 | 7 050 | 15 540 | 8 150 | 17 965 | 8 600 | 18 960 | 9 400 | 20 725 | 10 300 | 22 705 |
| 65 | 40 | 3 075 | 6 780 | 3 750 | 8 265 | 4 625 | 10 195 | 5 150 | 11 355 | 5 800 | 12 785 | 6 700 | 14 770 | 7 100 | 15 655 | 7 750 | 17 085 | 8 500 | 18 740 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 118 | 295 | 840 | 220 | 689 | 180 | 351 | 774 | 1 039 | 2 290 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial SB 850/45R34 – T445502

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445502 | 850/45R34 | 181 D | ELS SB[3)] | TL | DW28B | DW27B, DW30B | 862 | 33.9 | 1 625 | 64.0 | 738 | 29.1 | 4 976 | 195.9 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 27 | 34 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 220 | 11 510 | 6 600 | 14 550 | 7 900 | 17 415 | 8 800 | 19 400 | 10 100 | 22 265 | 11 350 | 25 020 | 12 800 | 28 220 | 13 500 | 29 760 | 14 850 | 32 740 |
| 20 | 12.5 | 4 800 | 10 580 | 6 050 | 13 340 | 7 250 | 15 985 | 8 050 | 17 745 | 9 250 | 20 395 | 10 400 | 22 930 | 11 750 | 25 905 | 12 400 | 27 335 | 13 650 | 30 095 |
| 25 | 15 | 4 600 | 10 140 | 5 780 | 12 745 | 6 950 | 15 320 | 7 750 | 17 085 | 8 850 | 19 510 | 10 000 | 22 045 | 11 250 | 24 800 | 11 850 | 26 125 | 13 050 | 28 770 |
| 30 | 20 | 4 380 | 9 655 | 5 520 | 12 170 | 6 650 | 14 660 | 7 400 | 16 315 | 8 500 | 18 740 | 9 550 | 21 055 | 10 750 | 23 700 | 11 350 | 25 020 | 12 500 | 27 560 |
| 40 | 25 | 3 960 | 8 730 | 4 980 | 10 980 | 5 960 | 13 140 | 6 650 | 14 660 | 7 650 | 16 865 | 8 600 | 18 960 | 9 700 | 21 385 | 10 200 | 22 485 | 11 250 | 24 800 |
| 50 | 30 | 3 520 | 7 760 | 4 420 | 9 745 | 5 300 | 11 685 | 5 900 | 13 005 | 6 800 | 14 990 | 7 650 | 16 865 | 8 600 | 18 960 | 9 100 | 20 060 | 10 000 | 22 045 |
| 65 | 40 | 2 900 | 6 395 | 3 650 | 8 045 | 4 375 | 9 645 | 4 875 | 10 745 | 5 600 | 12 345 | 6 300 | 13 890 | 7 100 | 15 655 | 7 500 | 16 535 | 8 250 | 18 190 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 990 | 260 | 745 | 195 | 607 | 160 | 310 | 685 | 917 | 2 020 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial 710/55R34 – T445252

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445252 | 710/55R34 | 169 D | ELS | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1 645 | 64.8 | 748 | 29.4 | 4 995 | 196.7 | 280 | 41 | 7 900 | 17 415 | 5 800 | 12 785 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 780 | 10 540 | 5 860 | 12 920 | 7 200 | 15 875 | 8 100 | 17 855 | 9 300 | 20 505 | 10 450 | 23 040 |
| 20 | 12.5 | 4 380 | 9 655 | 5 380 | 11 860 | 6 600 | 14 550 | 7 450 | 16 425 | 8 500 | 18 740 | 9 600 | 21 165 |
| 25 | 15 | 4 200 | 9 260 | 5 140 | 11 330 | 6 350 | 14 000 | 7 150 | 15 765 | 8 150 | 17 965 | 9 200 | 20 280 |
| 30 | 20 | 4 020 | 8 860 | 4 920 | 10 845 | 6 050 | 13 340 | 6 800 | 14 990 | 7 800 | 17 195 | 8 800 | 19 400 |
| 40 | 25 | 3 620 | 7 980 | 4 420 | 9 745 | 5 440 | 11 995 | 6 150 | 13 560 | 7 050 | 15 540 | 7 900 | 17 415 |
| 50 | 30 | 3 220 | 7 100 | 3 940 | 8 685 | 4 840 | 10 670 | 5 460 | 12 035 | 6 250 | 13 780 | 7 050 | 15 540 |
| 65 | 40 | 2 650 | 5 840 | 3 250 | 7 165 | 4 000 | 8 820 | 4 500 | 9 920 | 5 150 | 11 355 | 5 800 | 12 785 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 815 | 215 | 610 | 160 | 502 | 135 | 256 | 565 | 757 | 1 670 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial SB 710/55R34 – T445470

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445470 | 710/55R34 | 177 D | ELS SB[3)] | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1 645 | 64.8 | 750 | 29.5 | 5 027 | 197.9 | 400 | 58 | 9 950 | 21 935 | 7 300 | 16 095 | 26 | 33 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 780 | 10 540 | 5 860 | 12 920 | 7 200 | 15 875 | 8 100 | 17 855 | 9 300 | 20 505 | 10 450 | 23 040 | 11 100 | 24 470 | 12 100 | 26 675 | 13 150 | 28 990 |
| 20 | 12.5 | 4 380 | 9 655 | 5 380 | 11 860 | 6 600 | 14 550 | 7 450 | 16 425 | 8 500 | 18 740 | 9 600 | 21 165 | 10 150 | 22 375 | 11 100 | 24 470 | 12 050 | 26 565 |
| 25 | 15 | 4 200 | 9 260 | 5 140 | 11 330 | 6 350 | 14 000 | 7 150 | 15 765 | 8 150 | 17 965 | 9 200 | 20 280 | 9 750 | 21 495 | 10 600 | 23 370 | 11 550 | 25 465 |
| 30 | 20 | 4 020 | 8 860 | 4 920 | 10 845 | 6 050 | 13 340 | 6 800 | 14 990 | 7 800 | 17 195 | 8 800 | 19 400 | 9 300 | 20 505 | 10 150 | 22 375 | 11 050 | 24 360 |
| 40 | 25 | 3 620 | 7 980 | 4 420 | 9 745 | 5 440 | 11 995 | 6 150 | 13 560 | 7 050 | 15 540 | 7 900 | 17 415 | 8 400 | 18 520 | 9 150 | 20 170 | 9 950 | 21 935 |
| 50 | 30 | 3 220 | 7 100 | 3 940 | 8 685 | 4 840 | 10 670 | 5 460 | 12 035 | 6 250 | 13 780 | 7 050 | 15 540 | 7 450 | 16 425 | 8 150 | 17 965 | 8 850 | 19 510 |
| 65 | 40 | 2 650 | 5 840 | 3 250 | 7 165 | 4 000 | 8 820 | 4 500 | 9 920 | 5 150 | 11 355 | 5 800 | 12 785 | 6 150 | 13 560 | 6 700 | 14 770 | 7 300 | 16 095 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 815 | 215 | 610 | 160 | 502 | 135 | 256 | 565 | 757 | 1 670 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial 800/50R34 – T445332

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445332 | 800/50R34 | 168 D | ELS | TL | DW25B | DW23B, DW24B, DW28B | 800 | 31.5 | 1 650 | 65.0 | 741 | 29.2 | 4 988 | 196.4 | 240 | 35 | 7 650 | 16 865 | 5 600 | 12 345 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 220 | 11 510 | 6 600 | 14 550 | 7 900 | 17 415 | 8 800 | 19 400 | 10 100 | 22 265 |
| 20 | 12.5 | 4 800 | 10 580 | 6 050 | 13 340 | 7 250 | 15 985 | 8 050 | 17 745 | 9 250 | 20 395 |
| 25 | 15 | 4 600 | 10 140 | 5 780 | 12 745 | 6 950 | 15 320 | 7 750 | 17 085 | 8 850 | 19 510 |
| 30 | 20 | 4 380 | 9 655 | 5 520 | 12 170 | 6 650 | 14 660 | 7 400 | 16 315 | 8 500 | 18 740 |
| 40 | 25 | 3 960 | 8 730 | 4 980 | 10 980 | 5 960 | 13 140 | 6 650 | 14 660 | 7 650 | 16 865 |
| 50 | 30 | 3 520 | 7 760 | 4 420 | 9 745 | 5 300 | 11 685 | 5 900 | 13 005 | 6 800 | 14 990 |
| 65 | 40 | 2 900 | 6 395 | 3 650 | 8 045 | 4 375 | 9 645 | 4 875 | 10 745 | 5 600 | 12 345 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 925 | 245 | 695 | 185 | 569 | 150 | 290 | 640 | 859 | 1 895 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial SB 800/50R34 – T445469

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445469 | 800/50R34 | 181 D | ELS SB[3)] | TL | DW25B | DW23B, DW24B, DW28B | 800 | 31.5 | 1 650 | 65.0 | 801 | 31.5 | 5 089 | 200.4 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 26 | 33 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 220 | 11 510 | 6 600 | 14 550 | 7 900 | 17 415 | 8 800 | 19 400 | 10 100 | 22 265 | 11 350 | 25 020 | 12 450 | 27 445 | 13 500 | 29 760 | 14 850 | 32 740 |
| 20 | 12.5 | 4 800 | 10 580 | 6 050 | 13 340 | 7 250 | 15 985 | 8 050 | 17 745 | 9 250 | 20 395 | 10 400 | 22 930 | 11 400 | 25 130 | 12 400 | 27 335 | 13 650 | 30 095 |
| 25 | 15 | 4 600 | 10 140 | 5 780 | 12 745 | 6 950 | 15 320 | 7 750 | 17 085 | 8 850 | 19 510 | 10 000 | 22 045 | 10 950 | 24 140 | 11 850 | 26 125 | 13 050 | 28 770 |
| 30 | 20 | 4 380 | 9 655 | 5 520 | 12 170 | 6 650 | 14 660 | 7 400 | 16 315 | 8 500 | 18 740 | 9 550 | 21 055 | 10 450 | 23 040 | 11 350 | 25 020 | 12 500 | 27 560 |
| 40 | 25 | 3 960 | 8 730 | 4 980 | 10 980 | 5 960 | 13 140 | 6 650 | 14 660 | 7 650 | 16 865 | 8 600 | 18 960 | 9 400 | 20 725 | 10 200 | 22 485 | 11 250 | 24 800 |
| 50 | 30 | 3 520 | 7 760 | 4 420 | 9 745 | 5 300 | 11 685 | 5 900 | 13 005 | 6 800 | 14 990 | 7 650 | 16 865 | 8 350 | 18 410 | 9 100 | 20 060 | 10 000 | 22 045 |
| 65 | 40 | 2 900 | 6 395 | 3 650 | 8 045 | 4 375 | 9 645 | 4 875 | 10 745 | 5 600 | 12 345 | 6 300 | 13 890 | 6 900 | 15 210 | 7 500 | 16 535 | 8 250 | 18 190 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 925 | 245 | 695 | 185 | 569 | 150 | 290 | 640 | 859 | 1 895 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial SB 650/60R34 – T445439

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445439 | 650/60R34 | 175 D | ELS SB[3)] | TL | DW23B | DW20B | 645 | 25.4 | 1 644 | 64.7 | 751 | 29.6 | 5 052 | 198.9 | 400 | 58 | 9 400 | 20 725 | 6 900 | 15 210 | 26 | 33 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 500 | 9 920 | 5 540 | 12 215 | 6 750 | 14 880 | 7 650 | 16 865 | 8 550 | 18 850 | 9 850 | 21 715 | 10 450 | 23 040 | 11 350 | 25 020 | 12 450 | 27 445 |
| 20 | 12.5 | 4 140 | 9 125 | 5 080 | 11 200 | 6 200 | 13 670 | 7 050 | 15 540 | 7 850 | 17 305 | 9 000 | 19 840 | 9 600 | 21 165 | 10 400 | 22 930 | 11 400 | 25 130 |
| 25 | 15 | 3 960 | 8 730 | 4 860 | 10 715 | 5 940 | 13 095 | 6 750 | 14 880 | 7 550 | 16 645 | 8 650 | 19 070 | 9 200 | 20 280 | 10 000 | 22 045 | 10 950 | 24 140 |
| 30 | 20 | 3 780 | 8 335 | 4 660 | 10 275 | 5 680 | 12 520 | 6 450 | 14 220 | 7 200 | 15 875 | 8 250 | 18 190 | 8 800 | 19 400 | 9 550 | 21 055 | 10 450 | 23 040 |
| 40 | 25 | 3 400 | 7 495 | 4 200 | 9 260 | 5 100 | 11 245 | 5 780 | 12 745 | 6 500 | 14 330 | 7 450 | 16 425 | 7 900 | 17 415 | 8 600 | 18 960 | 9 400 | 20 725 |
| 50 | 30 | 3 040 | 6 700 | 3 740 | 8 245 | 4 540 | 10 010 | 5 160 | 11 375 | 5 760 | 12 700 | 6 600 | 14 550 | 7 050 | 15 540 | 7 650 | 16 865 | 8 350 | 18 410 |
| 65 | 40 | 2 500 | 5 510 | 3 075 | 6 780 | 3 750 | 8 265 | 4 250 | 9 370 | 4 750 | 10 470 | 5 450 | 12 015 | 5 800 | 12 785 | 6 300 | 13 890 | 6 900 | 15 210 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 760 | 200 | 570 | 150 | 468 | 125 | 238 | 525 | 706 | 1 555 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial SB 750/60R30.5 – T445498

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445498 | 750/60R30.5 | 181 D | ELS SB[3)] | TL | AG 24.00 | 24.00 | 754 | 29.7 | 1 675 | 65.9 | 758 | 29.8 | 5 131 | 202.0 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 27 | 34 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 400 | 11 905 | 6 600 | 14 550 | 7 900 | 17 415 | 9 000 | 19 840 | 10 450 | 23 040 | 11 700 | 25 795 | 12 450 | 27 445 | 13 500 | 29 760 | 14 850 | 32 740 |
| 20 | 12.5 | 4 960 | 10 935 | 6 050 | 13 340 | 7 250 | 15 985 | 8 250 | 18 190 | 9 600 | 21 165 | 10 750 | 23 700 | 11 400 | 25 130 | 12 400 | 27 335 | 13 650 | 30 095 |
| 25 | 15 | 4 740 | 10 450 | 5 780 | 12 745 | 6 950 | 15 320 | 7 900 | 17 415 | 9 200 | 20 280 | 10 300 | 22 705 | 10 950 | 24 140 | 11 850 | 26 125 | 13 050 | 28 770 |
| 30 | 20 | 4 540 | 10 010 | 5 520 | 12 170 | 6 650 | 14 660 | 7 550 | 16 645 | 8 800 | 19 400 | 9 850 | 21 715 | 10 450 | 23 040 | 11 350 | 25 020 | 12 500 | 27 560 |
| 40 | 25 | 4 080 | 8 995 | 4 980 | 10 980 | 5 960 | 13 140 | 6 800 | 14 990 | 7 900 | 17 415 | 8 850 | 19 510 | 9 400 | 20 725 | 10 200 | 22 485 | 11 250 | 24 800 |
| 50 | 30 | 3 640 | 8 025 | 4 420 | 9 745 | 5 300 | 11 685 | 6 050 | 13 340 | 7 050 | 15 540 | 7 900 | 17 415 | 8 350 | 18 410 | 9 100 | 20 060 | 10 000 | 22 045 |
| 65 | 40 | 3 000 | 6 615 | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 5 800 | 12 785 | 6 500 | 14 330 | 6 900 | 15 210 | 7 500 | 16 535 | 8 250 | 18 190 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 050 | 275 | 785 | 205 | 646 | 170 | 329 | 725 | 976 | 2 150 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial SB 750/55R34 – T445501

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445501 | 750/55R34 | 180 D | ELS SB[3)] | TL | DW24B | DW25B | 754 | 29.7 | 1 675 | 65.9 | 759 | 29.9 | 5 127 | 201.8 | 400 | 58 | 10 900 | 24 030 | 8 000 | 17 635 | 27 | 34 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 220 | 11 510 | 6 400 | 14 110 | 7 650 | 16 865 | 8 800 | 19 400 | 10 100 | 22 265 | 11 350 | 25 020 | 12 100 | 26 675 | 13 150 | 28 990 | 14 400 | 31 745 |
| 20 | 12.5 | 4 800 | 10 580 | 5 860 | 12 920 | 7 050 | 15 540 | 8 050 | 17 745 | 9 250 | 20 395 | 10 400 | 22 930 | 11 100 | 24 470 | 12 050 | 26 565 | 13 200 | 29 100 |
| 25 | 15 | 4 600 | 10 140 | 5 620 | 12 390 | 6 750 | 14 880 | 7 750 | 17 085 | 8 850 | 19 510 | 10 000 | 22 045 | 10 600 | 23 370 | 11 550 | 25 465 | 12 650 | 27 890 |
| 30 | 20 | 4 380 | 9 655 | 5 380 | 11 860 | 6 450 | 14 220 | 7 400 | 16 315 | 8 500 | 18 740 | 9 550 | 21 055 | 10 150 | 22 375 | 11 050 | 24 360 | 12 100 | 26 675 |
| 40 | 25 | 3 960 | 8 730 | 4 840 | 10 670 | 5 780 | 12 745 | 6 650 | 14 660 | 7 650 | 16 865 | 8 600 | 18 960 | 9 150 | 20 170 | 9 950 | 21 935 | 10 900 | 24 030 |
| 50 | 30 | 3 520 | 7 760 | 4 300 | 9 480 | 5 160 | 11 375 | 5 900 | 13 005 | 6 800 | 14 990 | 7 650 | 16 865 | 8 150 | 17 965 | 8 850 | 19 510 | 9 700 | 21 385 |
| 65 | 40 | 2 900 | 6 395 | 3 550 | 7 825 | 4 250 | 9 370 | 4 875 | 10 745 | 5 600 | 12 345 | 6 300 | 13 890 | 6 700 | 14 770 | 7 300 | 16 095 | 8 000 | 17 635 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 900 | 240 | 675 | 180 | 554 | 145 | 282 | 620 | 836 | 1 845 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55394 | TR 218 A |



# Nokian ELS Radial SB 800/60R34 – T445500

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445500 | 800/60R34 | 186 D | ELS SB[3)] | TL | DW25B | DW24B, DW28B | 800 | 31.5 | 1 812 | 71.3 | 813 | 32.0 | 5 542 | 218.2 | 400 | 58 | 12 950 | 28 550 | 9 500 | 20 945 | 30 | 38 |

3) SB = steel belted

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 6 250 | 13 780 | 7 650 | 16 865 | 9 300 | 20 505 | 10 450 | 23 040 | 12 100 | 26 675 | 13 500 | 29 760 | 14 400 | 31 745 | 15 750 | 34 720 | 17 100 | 37 700 |
| 20 | 12.5 | 5 700 | 12 565 | 7 050 | 15 540 | 8 500 | 18 740 | 9 600 | 21 165 | 11 100 | 24 470 | 12 400 | 27 335 | 13 200 | 29 100 | 14 450 | 31 855 | 15 700 | 34 610 |
| 25 | 15 | 5 460 | 12 035 | 6 750 | 14 880 | 8 150 | 17 965 | 9 200 | 20 280 | 10 600 | 23 370 | 11 850 | 26 125 | 12 650 | 27 890 | 13 850 | 30 535 | 15 050 | 33 180 |
| 30 | 20 | 5 220 | 11 510 | 6 450 | 14 220 | 7 800 | 17 195 | 8 800 | 19 400 | 10 150 | 22 375 | 11 350 | 25 020 | 12 100 | 26 675 | 13 250 | 29 210 | 14 350 | 31 635 |
| 40 | 25 | 4 700 | 10 360 | 5 780 | 12 745 | 7 050 | 15 540 | 7 900 | 17 415 | 9 150 | 20 170 | 10 200 | 22 485 | 10 900 | 24 030 | 11 900 | 26 235 | 12 950 | 28 550 |
| 50 | 30 | 4 180 | 9 215 | 5 160 | 11 375 | 6 250 | 13 780 | 7 050 | 15 540 | 8 150 | 17 965 | 9 100 | 20 060 | 9 700 | 21 385 | 10 600 | 23 370 | 11 500 | 25 355 |
| 65 | 40 | 3 450 | 7 605 | 4 250 | 9 370 | 5 150 | 11 355 | 5 800 | 12 785 | 6 700 | 14 770 | 7 500 | 16 535 | 8 000 | 17 635 | 8 750 | 19 290 | 9 500 | 20 945 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 205 | 320 | 905 | 240 | 742 | 195 | 378 | 835 | 1 120 | 2 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial 800/60R34 – T445318

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445318 | 800/60R34 | 174 D | ELS | TL | DW25B | DW24B, DW28B | 800 | 31.5 | 1 824 | 71.8 | 812 | 32.0 | 5 510 | 216.9 | 240 | 35 | 9 150 | 20 170 | 6 700 | 14 770 | 30 | 38 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 6 250 | 13 780 | 7 650 | 16 865 | 9 300 | 20 505 | 10 450 | 23 040 | 12 100 | 26 675 |
| 20 | 12.5 | 5 700 | 12 565 | 7 050 | 15 540 | 8 500 | 18 740 | 9 600 | 21 165 | 11 100 | 24 470 |
| 25 | 15 | 5 460 | 12 035 | 6 750 | 14 880 | 8 150 | 17 965 | 9 200 | 20 280 | 10 600 | 23 370 |
| 30 | 20 | 5 220 | 11 510 | 6 450 | 14 220 | 7 800 | 17 195 | 8 800 | 19 400 | 10 150 | 22 375 |
| 40 | 25 | 4 700 | 10 360 | 5 780 | 12 745 | 7 050 | 15 540 | 7 900 | 17 415 | 9 150 | 20 170 |
| 50 | 30 | 4 180 | 9 215 | 5 160 | 11 375 | 6 250 | 13 780 | 7 050 | 15 540 | 8 150 | 17 965 |
| 65 | 40 | 3 450 | 7 605 | 4 250 | 9 370 | 5 150 | 11 355 | 5 800 | 12 785 | 6 700 | 14 770 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 205 | 320 | 905 | 240 | 742 | 195 | 378 | 835 | 1 120 | 2 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | – | – |



# Nokian ELS Radial – all sizes

D = 65 km/h / 40 mph  A8 = 40 km/h / 25 mph  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI / SS | Pattern | TT / TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg / lbs | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445319 | 500/50R17 | 121 A8[1)] | ELS | TL | AG 16.00 | 16.00 | 500 | 19.7 | 933 | 36.7 | 406 | 16.0 | 2 783 | 109.6 | 80 LLV[2)] | 12 | 1 450 | 3 195 | 1 305 | 2 875 | 16 | 20 |
| T445250 | 500/50R17 | 145 D | ELS | TL | AG 16.00 | 16.00 | 503 | 19.8 | 933 | 36.7 | 406 | 16.0 | 2 783 | 109.6 | 400 | 58 | 3 960 | 8 730 | 2 900 | 6 395 | 16 | 20 |
| T445297 | 560/45R22.5 | 146 D | ELS | TL | AG 16.00 | 14.00, 15.00, 16.00, 17.00 | 560 | 22.0 | 1 076 | 42.4 | 486 | 19.1 | 3 261 | 128.4 | 320 | 46 | 4 080 | 8 995 | 3 000 | 6 615 | 18 | 23 |
| T445249 | 500/60R22.5 | 146 D | ELS | TL | AG 16.00 | 14.00, 15.00, 16.00, 17.00 | 503 | 19.8 | 1 150 | 45.3 | 517 | 20.4 | 3 481 | 137.0 | 280 | 41 | 4 080 | 8 995 | 3 000 | 6 615 | 19 | 24 |
| T445292 | 600/50R22.5 | 156 D | ELS | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 172 | 46.1 | 531 | 20.9 | 3 563 | 140.3 | 360 | 52 | 5 440 | 11 995 | 4 000 | 8 820 | 19 | 24 |
| T445348 | 710/45R22.5 | 156 D | ELS | TL | AG 24.00 | 24.00 | 710 | 28.0 | 1 212 | 47.7 | 582 | 22.9 | 3 654 | 143.9 | 280 | 41 | 5 440 | 11 995 | 4 000 | 8 820 | 20 | 25 |
| T492100 | 550/60R22.5 | 151 D | ELS | TL | AG 16.00 | 16.00 | 537 | 21.1 | 1 232 | 48.5 | 522 | 20.6 | 3 745 | 147.4 | 280 | 41 | 4 700 | 10 360 | 3 450 | 7 605 | 20 | 25 |
| T445146 | 600/55R26.5 | 158 D | ELS | TL | AG 20.00 | 20.00 | 600 | 23.6 | 1 333 | 52.5 | 603 | 23.7 | 4 040 | 159.1 | 320 | 46 | 5 780 | 12 745 | 4 250 | 9 370 | 22 | 28 |
| T445227 | 700/50R26.5 | 161 D | ELS | TL | AG 24.00 | 20.00, 24.00 | 700 | 27.6 | 1 373 | 54.1 | 625 | 24.6 | 4 160 | 163.8 | 280 | 41 | 6 300 | 13 890 | 4 625 | 10 195 | 22 | 28 |
| T445641 | 700/50R26.5 | 170 D | ELS SB[3)] | TL | AG24.00 | - | 700 | 28 | 1 368 | 53.9 | 615 | 24.2 | 4 198 | 165.3 | 400 | 58 | 8 160 | 17 955 | 6 000 | 13 200 | 22 | 28 |
| T445317 | 750/55R26.5 | 164 D | ELS | TL | AG 24.00 | 24.00 | 750 | 29.5 | 1 498 | 59.0 | 670 | 26.4 | 4 524 | 178.1 | 240 | 35 | 6 800 | 14 990 | 5 000 | 11 025 | 20 | 25 |
| T445601 | 750/55R26.5 | 177 D | ELS SB[3)] | TL | AG 24.00 | 24.00 | 750 | 29.5 | 1 498 | 59.0 | 663 | 26.1 | 4 555 | 179.3 | 400 | 58 | 9 950 | 21 935 | 7 300 | 16 095 | 25 | 32 |
| T445189 | 650/65R26.5 | 165 D | ELS | TL | AG 20.00 | 20.00 | 650 | 25.6 | 1 518 | 59.8 | 683 | 26.9 | 4 595 | 180.9 | 280 | 41 | 7 050 | 15 540 | 5 150 | 11 355 | 24 | 30 |
| T445465 | 650/65R26.5 | 174 D | ELS SB[3)] | TL | AG 20.00 | 20.00 | 650 | 25.6 | 1 518 | 59.8 | 680 | 26.8 | 4 618 | 181.8 | 400 | 58 | 9 150 | 20 170 | 6 700 | 14 770 | 24 | 30 |
| T445497 | 650/65R30.5 | 176 D | ELS SB[3)] | TL | AG 20.00 | 20.00 | 645 | 25.4 | 1 623 | 63.9 | 736 | 29.0 | 4 976 | 195.9 | 400 | 58 | 9 700 | 21 385 | 7 100 | 15 655 | 26 | 33 |
| T445499 | 850/50R30.5 | 182 D | ELS SB[3)] | TL | AG 28.00 | AG 27.00, AG 30.00 | 862 | 33.9 | 1 625 | 64.0 | 734 | 28.9 | 4 936 | 194.3 | 400 | 58 | 11 600 | 25 575 | 8 500 | 18 740 | 27 | 34 |
| T445502 | 850/45R34 | 181 D | ELS SB[3)] | TL | DW28B | DW27B, DW30B | 862 | 33.9 | 1 625 | 64.0 | 738 | 29.1 | 4 976 | 195.9 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 27 | 34 |
| T445252 | 710/55R34 | 169 D | ELS | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1 645 | 64.8 | 748 | 29.4 | 4 995 | 196.7 | 280 | 41 | 7 900 | 17 415 | 5 800 | 12 785 | 26 | 33 |
| T445470 | 710/55R34 | 177 D | ELS SB[3)] | TL | DW24B | DW20B, DW23B | 710 | 28.0 | 1 645 | 64.8 | 750 | 29.5 | 5 027 | 197.9 | 400 | 58 | 9 950 | 21 935 | 7 300 | 16 095 | 26 | 33 |
| T445332 | 800/50R34 | 168 D | ELS | TL | DW25B | DW23B, DW24B, DW28B | 800 | 31.5 | 1 650 | 65.0 | 741 | 29.2 | 4 988 | 196.4 | 240 | 35 | 7 650 | 16 865 | 5 600 | 12 345 | 26 | 33 |
| T445469 | 800/50R34 | 181 D | ELS SB[3)] | TL | DW25B | DW23B, DW24B, DW28B | 800 | 31.5 | 1 650 | 65.0 | 801 | 31.5 | 5 089 | 200.4 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 26 | 33 |
| T445439 | 650/60R34 | 175 D | ELS SB[3)] | TL | DW23B | DW20B | 645 | 25.4 | 1 644 | 64.7 | 751 | 29.6 | 5 052 | 198.9 | 400 | 58 | 9 400 | 20 725 | 6 900 | 15 210 | 26 | 33 |
| T445498 | 750/60R30.5 | 181 D | ELS SB[3)] | TL | AG 24.00 | 24.00 | 754 | 29.7 | 1 675 | 65.9 | 758 | 29.8 | 5 131 | 202.0 | 400 | 58 | 11 250 | 24 800 | 8 250 | 18 190 | 27 | 34 |
| T445501 | 750/55R34 | 180 D | ELS SB[3)] | TL | DW24B | DW25B | 754 | 29.7 | 1 675 | 65.9 | 759 | 29.9 | 5 127 | 201.8 | 400 | 58 | 10 900 | 24 030 | 8 000 | 17 635 | 27 | 34 |
| T445500 | 800/60R34 | 186 D | ELS SB[3)] | TL | DW25B | DW24B, DW28B | 800 | 31.5 | 1 812 | 71.3 | 813 | 32.0 | 5 542 | 218.2 | 400 | 58 | 12 950 | 28 550 | 9 500 | 20 945 | 30 | 38 |
| T445318 | 800/60R34 | 174 D | ELS | TL | DW25B | DW24B, DW28B | 800 | 31.5 | 1 824 | 71.8 | 812 | 32.0 | 5 510 | 216.9 | 240 | 35 | 9 150 | 20 170 | 6 700 | 14 770 | 30 | 38 |

3) SB = steel belted

# NOKIAN ELS L-1




## Durable and environmentally friendly

A reliable partner for modern-day farmers and equipment contractors. Excellent grip, high load-bearing capacity and a pleasant driving response. The low rolling resistance efficiently reduces fuel consumption.

- Strong cross-ply tire for traditional agricultural
- machines and trailers
- High load-bearing capacity
- Low rolling resistance lowers fuel consumption

## Sizes

- Nokian ELS L-1 600/50-22.5 12PR – T486051



# Nokian ELS L-1 600/50-22.5 12PR – T486051

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR / LI | Pattern | TT/TL | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity (LLV)[1] / kg / lbs | | Inflation pressure | | Load capacity (HLV)[2] / kg / lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | kPa | psi | 30 km/h | 20 mph | mm | 32 nds in |
| T486051 | 600/50-22.5 | 12 | ELS L-1 | TL | 20.00 | 601 | 23.7 | 631 | 24.8 | 1 150 | 45.3 | 1 186 | 46.7 | 520 | 20.5 | 3 445 | 135.6 | 200 | 29 | 4 450 | 4 450 | 270 | 39 | 5 340 | 11 775 | 20 | 25 |

[1]) LLV (low load variation) used in applications with less than 50% load variation, typically agricultural machines.
[2]) HLV (high load variation) used in applications with more than 50% load variation, typically trailers.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 350 | 90 | 265 | 70 | 215 | 55 | 110 | 245 | 325 | 715 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |

# NOKIAN TRAILER




## Sturdy load-bearing capacity

- Trailer tire for general farming use
- Strong frame and high load-bearing capacity
- Good road driving properties

## Sizes

- Nokian Trailer 400/60-15.5 14PR – T845374
- Nokian Trailer 500/50R17 – T489973



# Nokian Trailer 400/60-15.5 14PR – T845374

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR / LI / SS | Pattern | TT/TL | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity (LLV)1) / kg / lbs | | | | Inflation pressure | | Load capacity (HLV)2) / kg / lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | | | | | |
| | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | mm | 32 nds in |
| T845374 | 400/60-15.5 | 14/143 A8 | TRAILER | TL | 13.00 | 405 | 15.9 | 425 | 16.7 | 875 | 34.4 | 902 | 35.5 | 385 | 15.2 | 2 648 | 104.3 | 350 | 51 | 3 050 | 6 725 | 2 725 | 6 010 | 455 | 66 | 3 650 | 8 045 | 3 270 | 7 210 | 13 | 16 |

[1]) LLV (low load variation) used in applications with less than 50% load variation, typically agricultural machines.
[2]) HLV (high load variation) used in applications with more than 50% load variation, typically trailers.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 150 | 40 | 115 | 30 | 105 | 30 | 47 | 105 | 152 | 335 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T545387 | TR 218 A |



# Nokian Trailer 500/50R17 – T489973

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR / LI / SS | Pattern | TT/TL | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity (LLV)1) / kg / lbs | | | | Inflation pressure | | Load capacity (HLV)2) / kg / lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | | | | | |
| | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | mm | 32 nds in |
| T489973 | 500/50R17 | 157 A8/146 D | TRAILER | TL | 16.00 | 500 | 19.7 | 525 | 20.7 | 940 | 37.0 | 968 | 38.1 | 406 | 16.0 | 2 853 | 112.3 | 280 | 41 | 3 450 | 7 605 | 2 500 | 5 510 | 380 | 55 | 4 125 | 9 095 | 3 000 | 6 615 | 10 | 13 |

[1]) LLV (low load variation) used in applications with less than 50% load variation, typically agricultural machines.
[2]) HLV (high load variation) used in applications with more than 50% load variation, typically trailers.

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 240 | 65 | 180 | 50 | 168 | 45 | 76 | 170 | 246 | 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T56422 | TR15 |



# Nokian Trailer – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR / LI / SS | Pattern | TT/TL | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity (LLV)1) / kg / lbs | | | | Inflation pressure | | Load capacity (HLV)2) / kg / lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | | | | | |
| | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | mm | 32 nds in |
| T845374 | 400/60-15.5 | 14/143 A8 | TRAILER | TL | 13.00 | 405 | 15.9 | 425 | 16.7 | 875 | 34.4 | 902 | 35.5 | 385 | 15.2 | 2 648 | 104.3 | 350 | 51 | 3 050 | 6 725 | 2 725 | 6 010 | 455 | 66 | 3 650 | 8 045 | 3 270 | 7 210 | 13 | 16 |
| T489973 | 500/50R17 | 157 A8/146 D | TRAILER | TL | 16.00 | 500 | 19.7 | 525 | 20.7 | 940 | 37.0 | 968 | 38.1 | 406 | 16.0 | 2 853 | 112.3 | 280 | 41 | 3 450 | 7 605 | 2 500 | 5 510 | 380 | 55 | 4 125 | 9 095 | 3 000 | 6 615 | 10 | 13 |




# CONTAINER AND MATERIAL HANDLING TIRES

The relentless lifting, moving and transporting of heavy loads, requires besides high load bearing capacity absolute precision and stability from the tires. The much praised wear resistance of our container and material handling tires is based on thorough material and structure development.

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**NOTICE!**
Manual may contain technical information also on omitted products.

# NOKIAN HTS G2 E-4



## Nokian HTS G2 – keep the goods moving

- New special tire for reach stackers, fork lifts and log stackers
- Long-lasting rubber compound for terminal use
- Stable and durable carcass ensures safe operation

## Sizes

- Nokian HTS G2 E-4 18.00-25 PR40 – T445637
- Nokian HTS G2 E-4 18.00-33 PR40 – T445662



# Nokian HTS G2 E-4 18.00-25 PR40 – T445637

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445637 | 18.00-25 | 40 | HTS G2 E-4 | TL | 13.00/2.5 | 15.00/2.5 | 500 | 19.7 | 538 | 21.2 | 1 667 | 65.6 | 1 680 | 66.1 | 770 | 30.3 | 5 000 | 196.9 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 57 | 72 |

## LOAD & SPEED TABLE AT 1000 KPA

| Counter balanced lift trucks | | | | Other vehicles | |
|---|---|---|---|---|---|
| Load wheel | | Steering wheel | | | |
| Speed km/h | Load kg | Speed km/h | Load kg | Speed km/h | Load kg |
| 0 | 26 420 | 0 | 26 420 | 0 | 26 420 |
| 1 | 26 270 | 1 | 26 060 | 1 | 26 050 |
| 2 | 26 120 | 2 | 25 700 | 2 | 25 690 |
| 3 | 25 980 | 3 | 25 340 | 3 | 25 320 |
| 4 | 25 830 | 4 | 24 990 | 4 | 24 950 |
| 5 | 25 690 | 5 | 24 630 | 5 | 24 580 |
| 6 | 25 540 | 6 | 24 270 | 6 | 24 220 |
| 7 | 25 390 | 7 | 23 920 | 7 | 23 850 |
| 8 | 25 250 | 8 | 23 560 | 8 | 23 480 |
| 9 | 25 100 | 9 | 23 200 | 9 | 23 110 |
| 10 | 24 960 | 10 | 22 850 | 10 | 22 750 |
| 11 | 24 810 | 11 | 22 490 | 11 | 22 400 |
| 12 | 24 660 | 12 | 22 130 | 12 | 22 050 |
| 13 | 24 520 | 13 | 21 780 | 13 | 21 700 |
| 14 | 24 370 | 14 | 21 420 | 14 | 21 350 |
| 15 | 24 230 | 15 | 21 060 | 15 | 21 000 |
| 16 | 24 080 | 16 | 20 710 | 16 | 20 650 |
| 17 | 23 930 | 17 | 20 350 | 17 | 20 300 |
| 18 | 23 790 | 18 | 19 990 | 18 | 19 950 |
| 19 | 23 640 | 19 | 19 640 | 19 | 19 600 |
| 20 | 23 500 | 20 | 19 280 | 20 | 19 250 |
| 21 | 23 350 | 21 | 18 920 | 21 | 18 900 |
| 22 | 23 200 | 22 | 18 570 | 22 | 18 550 |
| 23 | 23 060 | 23 | 18 210 | 23 | 18 200 |
| 24 | 22 910 | 24 | 17 850 | 24 | 17 850 |
| 25 | 22 750 | 25 | 17 500 | 25 | 17 500 |



# Nokian HTS G2 E-4 18.00-33 PR40 – T445662

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445662 | 18.00-33 | 40 | HTS G2 E-4 | TL | 13.00/2.5 | - | 512 | 20.2 | 538 | 21.2 | 1 866 | 73.5 | 1 960 | 77.2 | 849 | 33.4 | 5 649 | 222.4 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 70 | 88 |

## LOAD & SPEED TABLE AT 1000 KPA

| Counter balanced lift trucks | | | | Other vehicles | |
|---|---|---|---|---|---|
| Load wheel | | Steering wheel | | | |
| Speed km/h | Load kg | Speed km/h | Load kg | Speed km/h | Load kg |
| 0 | 32 010 | 0 | 32 010 | 0 | 32 010 |
| 1 | 31 830 | 1 | 31 570 | 1 | 31 560 |
| 2 | 31 650 | 2 | 31 140 | 2 | 31 120 |
| 3 | 31 470 | 3 | 30 710 | 3 | 30 670 |
| 4 | 31 290 | 4 | 30 280 | 4 | 30 230 |
| 5 | 31 120 | 5 | 29 840 | 5 | 29 780 |
| 6 | 30 940 | 6 | 29 410 | 6 | 29 340 |
| 7 | 30 760 | 7 | 28 980 | 7 | 28 890 |
| 8 | 30 580 | 8 | 28 550 | 8 | 28 450 |
| 9 | 30 400 | 9 | 28 110 | 9 | 28 000 |
| 10 | 30 230 | 10 | 27 680 | 10 | 27 560 |
| 11 | 30 050 | 11 | 27 250 | 11 | 27 130 |
| 12 | 29 870 | 12 | 26 820 | 12 | 26 710 |
| 13 | 29 690 | 13 | 26 380 | 13 | 26 280 |
| 14 | 29 510 | 14 | 25 950 | 14 | 25 860 |
| 15 | 29 340 | 15 | 25 520 | 15 | 25 440 |
| 16 | 29 160 | 16 | 25 090 | 16 | 25 010 |
| 17 | 28 980 | 17 | 24 650 | 17 | 24 590 |
| 18 | 28 800 | 18 | 24 220 | 18 | 24 160 |
| 19 | 28 620 | 19 | 23 790 | 19 | 23 740 |
| 20 | 28 450 | 20 | 23 360 | 20 | 23 320 |
| 21 | 28 270 | 21 | 22 920 | 21 | 22 890 |
| 22 | 28 090 | 22 | 22 490 | 22 | 22 470 |
| 23 | 27 910 | 23 | 22 060 | 23 | 22 040 |
| 24 | 27 730 | 24 | 21 630 | 24 | 21 620 |
| 25 | 27 560 | 25 | 21 200 | 25 | 21 200 |



# Nokian HTS G2 E-4 – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445637 | 18.00-25 | 40 | HTS G2 E-4 | TL | 13.00/2.5 | 15.00/2.5 | 500 | 19.7 | 538 | 21.2 | 1 667 | 65.6 | 1 680 | 66.1 | 770 | 30.3 | 5 000 | 196.9 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 57 | 72 |
| T445662 | 18.00-33 | 40 | HTS G2 E-4 | TL | 13.00/2.5 | - | 512 | 20.2 | 538 | 21.2 | 1 866 | 73.5 | 1 960 | 77.2 | 849 | 33.4 | 5 649 | 222.4 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 70 | 88 |

# NOKIAN HTS G2 L-4S




## Nokian HTS G2 – keep the goods moving

- New special tire for reach stackers, fork lifts and log stackers
- Deep, hard-wearing tread for long service life
- Stable and durable carcass ensures safe operation

## Sizes

- Nokian HTS G2 L-4S 18.00-25 PR40 – T445638
- Nokian HTS G2 L-4S 18.00-33 PR40 – T445663



# Nokian HTS G2 L-4S 18.00-25 PR40 – T445638

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445638 | 18.00-25 | 40 | HTS G2 L-4S | TL | 13.00/2.5 | 15.00/2.5 | 500 | 19.7 | 538 | 21.2 | 1 667 | 65.6 | 1 680 | 66.1 | 770 | 30.3 | 5 000 | 196.9 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |

## LOAD & SPEED TABLE AT 1000 KPA

| Counter balanced lift trucks | | | | Other vehicles | |
|---|---|---|---|---|---|
| Load wheel | | Steering wheel | | | |
| Speed km/h | Load kg | Speed km/h | Load kg | Speed km/h | Load kg |
| 0 | 26 420 | 0 | 26 420 | 0 | 26 420 |
| 1 | 26 270 | 1 | 26 060 | 1 | 26 050 |
| 2 | 26 120 | 2 | 25 700 | 2 | 25 690 |
| 3 | 25 980 | 3 | 25 340 | 3 | 25 320 |
| 4 | 25 830 | 4 | 24 990 | 4 | 24 950 |
| 5 | 25 690 | 5 | 24 630 | 5 | 24 580 |
| 6 | 25 540 | 6 | 24 270 | 6 | 24 220 |
| 7 | 25 390 | 7 | 23 920 | 7 | 23 850 |
| 8 | 25 250 | 8 | 23 560 | 8 | 23 480 |
| 9 | 25 100 | 9 | 23 200 | 9 | 23 110 |
| 10 | 24 960 | 10 | 22 850 | 10 | 22 750 |
| 11 | 24 810 | 11 | 22 490 | 11 | 22 400 |
| 12 | 24 660 | 12 | 22 130 | 12 | 22 050 |
| 13 | 24 520 | 13 | 21 780 | 13 | 21 700 |
| 14 | 24 370 | 14 | 21 420 | 14 | 21 350 |
| 15 | 24 230 | 15 | 21 060 | 15 | 21 000 |
| 16 | 24 080 | 16 | 20 710 | 16 | 20 650 |
| 17 | 23 930 | 17 | 20 350 | 17 | 20 300 |
| 18 | 23 790 | 18 | 19 990 | 18 | 19 950 |
| 19 | 23 640 | 19 | 19 640 | 19 | 19 600 |
| 20 | 23 500 | 20 | 19 280 | 20 | 19 250 |
| 21 | 23 350 | 21 | 18 920 | 21 | 18 900 |
| 22 | 23 200 | 22 | 18 570 | 22 | 18 550 |
| 23 | 23 060 | 23 | 18 210 | 23 | 18 200 |
| 24 | 22 910 | 24 | 17 850 | 24 | 17 850 |
| 25 | 22 750 | 25 | 17 500 | 25 | 17 500 |



# Nokian HTS G2 L-4S 18.00-33 PR40 – T445663

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445663 | 18.00-33 | 40 | HTS G2 L-4S | TL | 13.00/2.5 | - | 519 | 20.4 | 538 | 21.2 | 1 860 | 73.2 | 1 960 | 77.2 | 849 | 33.4 | 5 667 | 223.1 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 60 | 76 |

## LOAD & SPEED TABLE AT 1000 KPA

| Counter balanced lift trucks | | | | Other vehicles | |
|---|---|---|---|---|---|
| Load wheel | | Steering wheel | | | |
| Speed km/h | Load kg | Speed km/h | Load kg | Speed km/h | Load kg |
| 0 | 32 010 | 0 | 32 010 | 0 | 32 010 |
| 1 | 31 830 | 1 | 31 570 | 1 | 31 560 |
| 2 | 31 650 | 2 | 31 140 | 2 | 31 120 |
| 3 | 31 470 | 3 | 30 710 | 3 | 30 670 |
| 4 | 31 290 | 4 | 30 280 | 4 | 30 230 |
| 5 | 31 120 | 5 | 29 840 | 5 | 29 780 |
| 6 | 30 940 | 6 | 29 410 | 6 | 29 340 |
| 7 | 30 760 | 7 | 28 980 | 7 | 28 890 |
| 8 | 30 580 | 8 | 28 550 | 8 | 28 450 |
| 9 | 30 400 | 9 | 28 110 | 9 | 28 000 |
| 10 | 30 230 | 10 | 27 680 | 10 | 27 560 |
| 11 | 30 050 | 11 | 27 250 | 11 | 27 130 |
| 12 | 29 870 | 12 | 26 820 | 12 | 26 710 |
| 13 | 29 690 | 13 | 26 380 | 13 | 26 280 |
| 14 | 29 510 | 14 | 25 950 | 14 | 25 860 |
| 15 | 29 340 | 15 | 25 520 | 15 | 25 440 |
| 16 | 29 160 | 16 | 25 090 | 16 | 25 010 |
| 17 | 28 980 | 17 | 24 650 | 17 | 24 590 |
| 18 | 28 800 | 18 | 24 220 | 18 | 24 160 |
| 19 | 28 620 | 19 | 23 790 | 19 | 23 740 |
| 20 | 28 450 | 20 | 23 360 | 20 | 23 320 |
| 21 | 28 270 | 21 | 22 920 | 21 | 22 890 |
| 22 | 28 090 | 22 | 22 490 | 22 | 22 470 |
| 23 | 27 910 | 23 | 22 060 | 23 | 22 040 |
| 24 | 27 730 | 24 | 21 630 | 24 | 21 620 |
| 25 | 27 560 | 25 | 21 200 | 25 | 21 200 |



# Nokian HTS G2 L-4S – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445638 | 18.00-25 | 40 | HTS G2 L-4S | TL | 13.00/2.5 | 15.00/2.5 | 500 | 19.7 | 538 | 21.2 | 1 667 | 65.6 | 1 680 | 66.1 | 770 | 30.3 | 5 000 | 196.9 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |
| T445663 | 18.00-33 | 40 | HTS G2 L-4S | TL | 13.00/2.5 | - | 519 | 20.4 | 538 | 21.2 | 1 860 | 73.2 | 1 960 | 77.2 | 849 | 33.4 | 5 667 | 223.1 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 60 | 76 |

# NOKIAN HTS E-3 / E-4

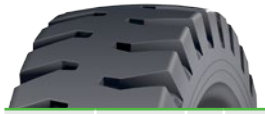



## Stable container handling

- A stable special tire for harbour and terminal equipment; also suitable for sawmills and timberyards
- Durable cross-ply structure
- Excellent driving result, well suited for retreading

## Sizes

- Nokian HTS E-3 14.00-24 28PR – T488311
- Nokian HTS E-3 16.00-25 28PR – T488411
- Nokian HTS E-4 16.00-25 36PR – T488431
- Nokian HTS E-4 18.00-25 40PR – T488530
- Nokian HTS E-4 18.00-33 40PR – T445514



# Nokian HTS E-3 14.00-24 28PR – T488311

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T488311 | 14.00-24 | 28 | HTS E-3 | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 624 | 24.6 | 4 115 | 162.0 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 29 | 37 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 38 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55767 | TR1175A |



# Nokian HTS E-3 16.00-25 28PR – T488411

TL = TUBELESS, may be fitted with or without tube

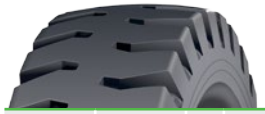
| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T488411 | 16.00-25 | 28 | HTS E-3 | TL | 11.25/2.0 | 13.00/2.0 | 432 | 17.0 | 480 | 18.9 | 1 493 | 58.8 | 1 561 | 61.5 | 672 | 26.5 | 4 474 | 176.1 | 900 | 131 | 11 500 | 25 355 | 14 950 | 32 960 | 10 640 | 23 455 | 14 380 | 31 700 | 14 950 | 32 960 | 11 500 | 25 355 | 32 | 40 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 355 | 95 | 265 | 70 | 218 | 58 | 111 | 245 | 329 | 725 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55810 | TR J1175 |



# Nokian HTS E-4 16.00-25 36PR – T488431

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T488431 | 16.00-25 | 36 | HTS E-4 | TL | 11.25/2.0 | 13.00/2.0 | 432 | 17.0 | 480 | 18.9 | 1 548 | 60.9 | 1 623 | 63.9 | 694 | 27.3 | 4 618 | 181.8 | 1 000 | 145 | 12 150 | 26 785 | 15 795 | 34 820 | 11 240 | 24 780 | 15 190 | 33 490 | 15 795 | 34 820 | 12 150 | 26 785 | 52,5 | 66 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 340 | 90 | 255 | 65 | 209 | 55 | 107 | 235 | 316 | 695 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55810 | TR J1175 |



# Nokian HTS E-4 18.00-25 40PR – T488530

TL = TUBELESS, may be fitted with or without tube

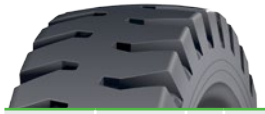
| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T488530 | 18.00-25 | 40 | HTS E-4 | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 4 935 | 194.3 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 56 | 71 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 485 | 130 | 365 | 95 | 298 | 79 | 152 | 335 | 450 | 990 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55831 | TR J1175 |



# Nokian HTS E-4 18.00-33 40PR – T445514

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445514 | 18.00-33 | 40 | HTS E-4 | TL | 13.00/2.5 | - | 498 | 19.6 | 553 | 21.8 | 1 865 | 73.4 | 1 960 | 77.2 | 853 | 33.6 | 5 554 | 218.7 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 67 | 85 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 520 | 135 | 390 | 105 | 320 | 85 | 163 | 360 | 483 | 1 065 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | - | - |



# Nokian HTS E-4 – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T488311 | 14.00-24 | 28 | HTS E-3 | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 624 | 24.6 | 4 115 | 162.0 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 29 | 37 |
| T488411 | 16.00-25 | 28 | HTS E-3 | TL | 11.25/2.0 | 13.00/2.0 | 432 | 17.0 | 480 | 18.9 | 1 493 | 58.8 | 1 561 | 61.5 | 672 | 26.5 | 4 474 | 176.1 | 900 | 131 | 11 500 | 25 355 | 14 950 | 32 960 | 10 640 | 23 455 | 14 380 | 31 700 | 14 950 | 32 960 | 11 500 | 25 355 | 32 | 40 |
| T488431 | 16.00-25 | 36 | HTS E-4 | TL | 11.25/2.0 | 13.00/2.0 | 432 | 17.0 | 480 | 18.9 | 1 548 | 60.9 | 1 623 | 63.9 | 694 | 27.3 | 4 618 | 181.8 | 1 000 | 145 | 12 150 | 26 785 | 15 795 | 34 820 | 11 240 | 24 780 | 15 190 | 33 490 | 15 795 | 34 820 | 12 150 | 26 785 | 52,5 | 66 |
| T488530 | 18.00-25 | 40 | HTS E-4 | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 4 935 | 194.3 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 56 | 71 |
| T445514 | 18.00-33 | 40 | HTS E-4 | TL | 13.00/2.5 | - | 498 | 19.6 | 553 | 21.8 | 1 865 | 73.4 | 1 960 | 77.2 | 853 | 33.6 | 5 554 | 218.7 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 67 | 85 |

# NOKIAN HTS L-4S




## Stable container handling

- A stable special tire for harbour and terminal equipment; also suitable for sawmills and timberyards
- Durable cross-ply structure
- Excellent driving result, well suited for retreading

## Sizes

- Nokian HTS L-4S 18.00-25 40PR – T445329
- Nokian HTS L-4S 18.00-33 40PR – T445458



# Nokian HTS L-4S 18.00-25 40PR – T445329

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445329 | 18.00-25 | 40 | HTS L-4S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 765 | 30.1 | 5 100 | 200.8 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 485 | 130 | 365 | 95 | 298 | 79 | 152 | 335 | 450 | 990 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55831 | TR J1175 |



# Nokian HTS L-4S 18.00-33 40PR – T445458

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445458 | 18.00-33 | 40 | HTS L-4S | TL | 13.00/2.5 | - | 498 | 19.6 | 553 | 21.8 | 1 857 | 73.1 | 1 960 | 77.2 | 838 | 33.0 | 5 617 | 221.1 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 54 | 68 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 520 | 135 | 390 | 105 | 320 | 85 | 163 | 360 | 483 | 1 065 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | - | - |



# Nokian HTS L-4S – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445329 | 18.00-25 | 40 | HTS L-4S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 765 | 30.1 | 5 100 | 200.8 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |
| T445458 | 18.00-33 | 40 | HTS L-4S | TL | 13.00/2.5 | - | 498 | 19.6 | 553 | 21.8 | 1 857 | 73.1 | 1 960 | 77.2 | 838 | 33.0 | 5 617 | 221.1 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 54 | 68 |

# NOKIAN NORDMAN HARBOUR




## Stable container handling

- Reliable and cost effective solution for reach stackers, lift trucks and empty container handlers
- Durable cross-ply structure
- Engineered by Nokian

## Sizes

- Nokian Nordman Harbour 12.00-24 20PR – T845491
- Nokian Nordman Harbour 18.00-25 40PR – T845489
- Nokian Nordman Harbour 18.00-33 40PR – T845490



# Nokian Nordman Harbour 12.00-24 20PR – T845491

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T845491 | 12.00-24 | 20 | Nordman Harbour | TL | 8.5 | 9.0 | 315 | 12.4 | 340 | 13.4 | 1 247 | 49.1 | 1 272 | 50.1 | 578 | 22.8 | 3 770 | 148.4 | 1 000 | 145 | 7 500 | 16 535 | 9 750 | 21 495 | 6 940 | 15 300 | 9 375 | 20 670 | 9 750 | 21 495 | 7 500 | 16 535 | 31 | 39 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 175 | 45 | 130 | 35 | 108 | 29 | 55 | 120 | 163 | 360 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | - | - |



# Nokian Nordman Harbour 18.00-25 40PR – T845489

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T845489 | 18.00-25 | 40 | Nordman Harbour | TL | 13.00/2.5 | 15.00/2.5 | 524 | 20.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 764 | 30.1 | 5 046 | 198.7 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 485 | 130 | 365 | 95 | 298 | 79 | 152 | 335 | 450 | 990 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55831 | TR J1175 |



# Nokian Nordman Harbour 18.00-33 40PR – T845490

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T845490 | 18.00-33 | 40 | Nordman Harbour | TL | 13.00/2.5 | - | 519 | 20.4 | 553 | 21.8 | 1 865 | 73.4 | 1 960 | 77.2 | 869 | 34.2 | 5 737 | 225.9 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 67 | 85 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 520 | 135 | 390 | 105 | 320 | 85 | 163 | 360 | 483 | 1 065 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | - | - |



# Nokian Nordman Harbour – all sizes

TL = TUBELESS, may be fitted with or without tube

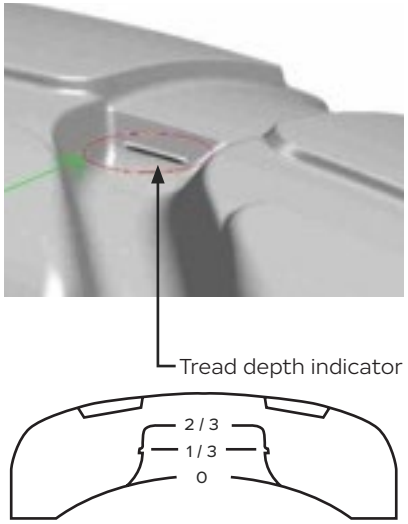
| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T845491 | 12.00-24 | 20 | Nordman Harbour | TL | 8.5 | 9.0 | 315 | 12.4 | 340 | 13.4 | 1 247 | 49.1 | 1 272 | 50.1 | 578 | 22.8 | 3 770 | 148.4 | 1 000 | 145 | 7 500 | 16 535 | 9 750 | 21 495 | 6 940 | 15 300 | 9 375 | 20 670 | 9 750 | 21 495 | 7 500 | 16 535 | 31 | 39 |
| T845489 | 18.00-25 | 40 | Nordman Harbour | TL | 13.00/2.5 | 15.00/2.5 | 524 | 20.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 764 | 30.1 | 5 046 | 198.7 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 54 | 68 |
| T845490 | 18.00-33 | 40 | Nordman Harbour | TL | 13.00/2.5 | - | 519 | 20.4 | 553 | 21.8 | 1 865 | 73.4 | 1 960 | 77.2 | 869 | 34.2 | 5 737 | 225.9 | 1 000 | 145 | 21 200 | 46 740 | 27 560 | 60 760 | 19 610 | 43 230 | 26 500 | 58 420 | 27 560 | 60 760 | 21 200 | 46 740 | 67 | 85 |

# NOKIAN RTG




## Agility and durability for RTG harbour cranes

- The structure and tread pattern of the stable cross-ply tire are optimised for RTG harbour cranes
- Rounded shoulder area with rounded tread block reduces steering forces. The tire needs less power to steer than traditional harbour tires for RTG cranes
- The low heat build-up significantly slows down tire wear and reduces the risk of tire damage
- Low rolling resistance results in low fuel consumption




## Sizes

- Nokian RTG 14.00-24 28PR – T445471
- Nokian RTG 18.00-25 40PR – T445468



# Nokian RTG 14.00-24 28PR – T445471

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445471 | 14.00-24 | 28 | RTG | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 629 | 24.8 | 4 147 | 163.3 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 23 | 29 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 38 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55767 | TR1175A |



# Nokian RTG 18.00-25 40PR – T445468

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445468 | 18.00-25 | 40 | RTG | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 746 | 29.4 | 5 014 | 197.4 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 31.5 | 40 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 485 | 130 | 365 | 95 | 298 | 79 | 152 | 335 | 450 | 990 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55831 | TR J1175 |



# Nokian RTG – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445471 | 14.00-24 | 28 | RTG | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 629 | 24.8 | 4 147 | 163.3 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 23 | 29 |
| T445468 | 18.00-25 | 40 | RTG | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 746 | 29.4 | 5 014 | 197.4 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 31.5 | 40 |

# NOKIAN NORDMAN RTG




## Agility and durability for RTG harbour cranes

- The structure and tread pattern of the stable cross-ply tire are optimised for RTG harbour cranes
- Good price/operating hours ratio
- Engineered by Nokian

## Sizes

- Nokian Nordman RTG 14.00-24 28PR – T845487
- Nokian Nordman RTG 18.00-25 40PR – T845488



# Nokian Nordman RTG 14.00-24 28PR – T845487

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32nds in |
| T845487 | 14.00-24 | 28 | Nordman RTG | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 625 | 24.6 | 4 084 | 160.8 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 31 | 39 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 38 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55767 | TR1175A |



# Nokian Nordman RTG 18.00-25 40PR – T845488

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32nds in |
| T845488 | 18.00-25 | 40 | Nordman RTG | TL | 13.00/2.5 | 15.00/2.5 | 512 | 20.2 | 553 | 21.8 | 1 658 | 65.3 | 1 758 | 69.2 | 750 | 29.5 | 4 947 | 194.8 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 32 | 40 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 485 | 130 | 365 | 95 | 298 | 79 | 152 | 335 | 450 | 990 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55831 | TR J1175 |



# Nokian Nordman RTG – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32nds in |
| T845487 | 14.00-24 | 28 | Nordman RTG | TL | 10.00 VA, 10.00 WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 625 | 24.6 | 4 084 | 160.8 | 1 000 | 145 | 9 500 | 20 945 | 12 350 | 27 225 | 8 790 | 19 380 | 11 875 | 26 180 | 12 350 | 27 225 | 9 500 | 20 945 | 31 | 39 |
| T845488 | 18.00-25 | 40 | Nordman RTG | TL | 13.00/2.5 | 15.00/2.5 | 512 | 20.2 | 553 | 21.8 | 1 658 | 65.3 | 1 758 | 69.2 | 750 | 29.5 | 4 947 | 194.8 | 1 000 | 145 | 17 500 | 38 580 | 22 750 | 50 155 | 16 190 | 35 690 | 21 875 | 48 225 | 22 750 | 50 155 | 17 500 | 38 580 | 32 | 40 |

# NOKIAN HTS TUGGER

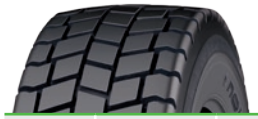



## Massive load capacity for terminal tractors

- The first tire on the market that is specially designed for terminal tractors
- Sturdy multi-layer structure
- Precise driving response, exceptionally high load capacity

## Sizes

- Nokian HTS Tugger 315/60R22.5 – T445221



# Nokian HTS Tugger 315/60R22.5 – T445221

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | |
| | | | | | | | New | | Max | | New | | Max | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445221 | 315/60R22.5 | 174 A5 | HTS Tugger | TL | 9.00 | 9.75 | 302 | 11.9 | 308 | 12.1 | 950 | 37.4 | 966 | 38.0 | 425 | 16.7 | 2 890 | 113.8 | 1 000 | 145 | 6 700 | 14 770 | 8 700 | 19 180 | 6 200 | 13 670 | 8 400 | 18 520 | 8 700 | 19 180 | 6 700 | 14 770 | 21 | 27 |

## LIQUID AND SALT BALLASTING

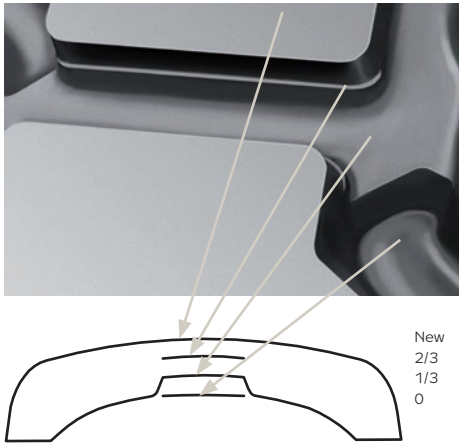
| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 86 | 25 | 65 | 15 | 53 | 14 | 27 | 60 | 80 | 175 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| 155MS | - | - |

# NOKIAN ARMOR GARD




## Long service life for materials handling machines and excavators

- Top-class tire for harbour machinery, lift trucks, mining machinery and excavators
- Record-breaking mileage
- Gripping tread design, durable carcass, excellent suitability for retreading
- Precise and stable driving response
- Groove depth indicator

### GROOVE DEPTH INDICATOR NOKIAN ARMOR GARD

Regular tire maintenance is made easier by a groove depth indicator. This indicator helps you monitor tire wear.

## Sizes

- Nokian Armor Gard 9.00-20 14PR – T445452
- Nokian Armor Gard 10.00-20 16PR – T445451
- Nokian Armor Gard 11.00-20 16PR – T445450
- Nokian Armor Gard 12.00-20 20PR – T445459



# Nokian Armor Gard 9.00-20 14PR – T445452

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445452 | 9.00-20 | 14 | Armor Gard | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 469 | 18.5 | 3 017 | 118.8 | 900 | 131 | 4 500 | 9 920 | 5 850 | 12 895 | 4 165 | 9 180 | 6 625 | 12 400 | 5 850 | 12 895 | 4 500 | 9 920 | 4 005 | 8 830 | 3 780 | 8 335 | 20 | 25 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 90 | 25 | 70 | 20 | 55 | 15 | 28 | 60 | 84 | 185 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52520 | TR175 | T299520 | 170-20 |



# Nokian Armor Gard 10.00-20 16PR – T445451

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445451 | 10.00-20 | 16 | Armor Gard | TT | 7.5 | 8.0 | 280 | 11.0 | 302 | 11.9 | 1 061 | 41.8 | 1 094 | 43.1 | 482 | 19.0 | 3 119 | 122.8 | 900 | 131 | 5 000 | 11 025 | 6 500 | 14 330 | 4 625 | 10 195 | 6 250 | 13 780 | 6 500 | 14 330 | 5 000 | 11 025 | 4 450 | 9 810 | 4 200 | 9 260 | 20.5 | 26 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 105 | 30 | 80 | 20 | 65 | 15 | 33 | 75 | 98 | 215 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52620 | TR78 | T299520 | 170-20 |



# Nokian Armor Gard 11.00-20 16PR – T445450

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445450 | 11.00-20 | 16 | Armor Gard | TT | 8.0 | 8.5 | 298 | 11.7 | 322 | 12.7 | 1 091 | 43.0 | 1 126 | 44.3 | 493 | 19.4 | 3 208 | 126.3 | 900 | 131 | 5 600 | 12 345 | 7 280 | 16 050 | 5 180 | 11 420 | 7 000 | 15 430 | 7 280 | 16 050 | 5 600 | 12 345 | 4 980 | 10 980 | 4 700 | 10 360 | 21.3 | 27 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 125 | 35 | 95 | 25 | 77 | 20 | 39 | 85 | 116 | 255 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52720 | TR179 | T299530 | 195-20 |



# Nokian Armor Gard 12.00-20 20PR – T445459

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445459 | 12.00-20 | 20 | Armor Gard | TT | 8.5 | 9.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 6 900 | 15 210 | 8 970 | 19 775 | 6 385 | 14 075 | 8 625 | 19 015 | 8 970 | 19 775 | 6 900 | 15 210 | 6 145 | 13 545 | 5 800 | 12 785 | 25.5 | 32 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 145 | 40 | 110 | 30 | 89 | 25 | 45 | 100 | 135 | 300 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52810 | V3.02.16 | T299537 | 225-20 |



# Nokian Armor Gard – all sizes

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445452 | 9.00-20 | 14 | Armor Gard | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 469 | 18.5 | 3 017 | 118.8 | 900 | 131 | 4 500 | 9 920 | 5 850 | 12 895 | 4 165 | 9 180 | 5 625 | 12 400 | 5 850 | 12 895 | 4 500 | 9 920 | 4 005 | 8 830 | 3 780 | 8 335 | 20 | 25 |
| T445451 | 10.00-20 | 16 | Armor Gard | TT | 7.5 | 8.0 | 280 | 11.0 | 302 | 11.9 | 1 061 | 41.8 | 1 094 | 43.1 | 482 | 19.0 | 3 119 | 122.8 | 900 | 131 | 5 000 | 11 025 | 6 500 | 14 330 | 4 625 | 10 195 | 6 250 | 13 780 | 6 500 | 14 330 | 5 000 | 11 025 | 4 450 | 9 810 | 4 200 | 9 260 | 20.5 | 26 |
| T445450 | 11.00-20 | 16 | Armor Gard | TT | 8.0 | 8.5 | 298 | 11.7 | 322 | 12.7 | 1 091 | 43.0 | 1 126 | 44.3 | 493 | 19.4 | 3 208 | 126.3 | 900 | 131 | 5 600 | 12 345 | 7 280 | 16 050 | 5 180 | 11 420 | 7 000 | 15 430 | 7 280 | 16 050 | 5 600 | 12 345 | 4 980 | 10 980 | 4 700 | 10 360 | 21.3 | 27 |
| T445459 | 12.00-20 | 20 | Armor Gard | TT | 8.5 | 9.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 6 900 | 15 210 | 8 970 | 19 775 | 6 385 | 14 075 | 8 625 | 19 015 | 8 970 | 19 775 | 6 900 | 15 210 | 6 145 | 13 545 | 5 800 | 12 785 | 25.5 | 32 |

# MINING TIRES

The world of mining tires is rough. Uneven surfaces with sharp edges require tires that offer extreme durability and high load-bearing capacity. Particularly for mining tires, we have developed the CCR (cut and crack resistant) rubber compound that enhances demanding transportation and mining tasks. The sturdy and stable tires for mine loaders, drill rigs and various other mining equipment guarantee a long service life.



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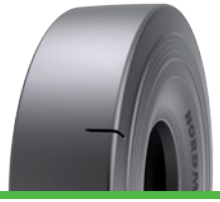
## Mining tires



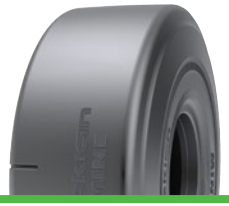
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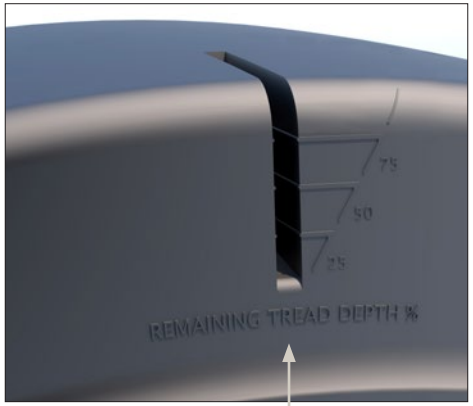
**NOTICE!**
Manual may contain technical information also on omitted products.

# NOKIAN MINE KING L-5S




## Tire for extreme underground loading applications

- More layers to enhance tire safety in demanding applications
- New carcass and bead materials enables the increase of maximum inflation pressure up to 8 bar (In 12.00-20 up to 10 bar)
- Higher load capacity gives possibility to use the tire in more efficient and heavier machines
- Tread depth indicator for easy checking of the remaining tread




Remaining tread depth can be easily checked from the tire side wall.

### NOTICE!

Tread code L-5S
L – loader and dozen
5 – extra deep tread
S – smooth tread pattern

**Notice!** Nokian Mine King L-5S tires especially for underground loaders

## Sizes

- Nokian Mine King L-5S 12.00-20 20PR – T445544
- Nokian Mine King L-5S 17.5-25 24PR – T445540
- Nokian Mine King L-5S 18.00-25 32PR – T445545
- Nokian Mine King L-5S 26.5-25 36PR – T445546
- Nokian Mine King L-5S 29.5-29 40PR – T445547



# Nokian Mine King L-5S 12.00-20 20PR – T445544

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445544 | 12.00-20 | 20 | Mine King L-5S | TT | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 574 | 22.6 | 3 569 | 140.5 | 850 | 123 | 10 300 | 22 705 | 7 300 | 16 095 | 6 440 | 14 200 | 36 | 45 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 135 | 35 | 100 | 25 | 83 | 22 | 42 | 95 | 125 | 275 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52810 | V3.02.16 | T299537 | 225-20 |



# Nokian Mine King L-5S 17.5-25 24PR – T445540

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445540 | 17.5-25 | 24 | Mine King L-5S | TL | 14.00/1.5 | 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 661 | 26.0 | 4 291 | 168.9 | 675 | 98 | 14 400 | 31 745 | 10 300 | 22 705 | 9 000 | 19 840 | 66 | 83 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 260 | 70 | 195 | 50 | 160 | 42 | 82 | 180 | 242 | 535 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55867 | TRJ1175 | T299551 | 350-25 |



# Nokian Mine King L-5S 18.00-25 32PR – T445545

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445545 | 18.00-25 | 32 | Mine King L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 5 120 | 201.6 | 750 | 109 | 24 000 | 52 910 | 17 100 | 37 700 | 15 000 | 33 070 | 79 | 100 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 505 | 135 | 380 | 100 | 311 | 82 | 158 | 350 | 469 | 1 035 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55831 | TRJ1175 | T299551 | 350-25 |



# Nokian Mine King L-5S 26.5-25 36PR – T445546

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445546 | 26.5-25 | 36 | Mine King L-5S | TL | 22.00/3.0 | | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.8 | 1 891 | 74.4 | 829 | 32.6 | 5 504 | 216.7 | 625 | 91 | 29 600 | 65 255 | 20 900 | 46 075 | 18 500 | 40 785 | 90 | 114 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 745 | 195 | 560 | 150 | 458 | 121 | 234 | 515 | 692 | 1 525 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | - | - |



# Nokian Mine King L-5S 29.5-29 40PR – T445547

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445547 | 29.5-29 | 40 | Mine King L-5S | TL | 25.00/3.5 | | 750 | 29.5 | 833 | 32.8 | 2 023 | 79.6 | 2 126 | 83.7 | 925 | 36.4 | 6 145 | 241.9 | 625 | 91 | 37 800 | 83 335 | 26 900 | 59 305 | 23 600 | 52 030 | 98 | 124 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 991 | 260 | 745 | 195 | 610 | 161 | 311 | 685 | 921 | 2 030 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | - | - |



# Nokian Mine King L-5S – all sizes

TT = TUBE-TYPE, to be fitted with tube  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445544 | 12.00-20 | 20 | Mine King L-5S | TT | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 574 | 22.6 | 3 569 | 140.5 | 850 | 123 | 10 300 | 22 705 | 7 300 | 16 095 | 6 440 | 14 200 | 36 | 45 |
| T445540 | 17.5-25 | 24 | Mine King L-5S | TL | 14.00/1.5 | 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 661 | 26.0 | 4 291 | 168.9 | 675 | 98 | 14 400 | 31 745 | 10 300 | 22 705 | 9 000 | 19 840 | 66 | 83 |
| T445545 | 18.00-25 | 32 | Mine King L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 5 120 | 201.6 | 750 | 109 | 24 000 | 52 910 | 17 100 | 37 700 | 15 000 | 33 070 | 79 | 100 |
| T445546 | 26.5-25 | 36 | Mine King L-5S | TL | 22.00/3.0 | | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.8 | 1 891 | 74.4 | 829 | 32.6 | 5 504 | 216.7 | 625 | 91 | 29 600 | 65 255 | 20 900 | 46 075 | 18 500 | 40 785 | 90 | 114 |
| T445547 | 29.5-29 | 40 | Mine King L-5S | TL | 25.00/3.5 | | 750 | 29.5 | 833 | 32.8 | 2 023 | 79.6 | 2 126 | 83.7 | 925 | 36.4 | 6 145 | 241.9 | 625 | 91 | 37 800 | 83 335 | 26 900 | 59 305 | 23 600 | 52 030 | 98 | 124 |

## Excess loads for Loader & Dozer service

Excess loads may result from factors such as actual empty vehicle weight exceeding the manufacturer's specified empty vehicle weight, varying density of materials, field modifications to the equipment,  load transfer, etc. Only under these conditions may the actual in service tire load exceed the load ratings in the Nokian Mine King L-5S table for the tire by an amount not greater than shown in the following table:

| Nokian Mine King L-5S Diagonal (Bias) Ply | Maximum Excess Loads | |
|---|---|---|
| | Load | *Pressure |
| | 15% | 30% |

*If excess loads are encountered, cold inflation pressure must be increased to compensate for higher loads. For each 1% increase in load, the inflation pressure must be increased by 2%.

- The inflation pressure should not exceed 800kPa (116psi), except for 12.00-20 Nokian Mine King L-5S 1000kPa (145psi).
- The above maximum excess loads may result in reduced tire performance and **must be approved by Nokian Heavy Tyres.**

# NOKIAN MINE L-5S




## Power and stability for mining loaders

- Due to its special rubber compound, this durable tire is an excellent choice for underground mining loaders and other mining machinery
- Thick sidewalls with abrasion protection
- Stable working tire with a long service life

### NOTICE!

Tread code L-5S
L – loader and dozen
5 – extra deep tread
S – smooth tread pattern

**Notice!** Nokian Mine L-5S tires especially for underground loaders

## Sizes

- Nokian Mine L-5S 12.00-20 20PR – T487630
- Nokian Mine L-5S 17.5-25 20PR – T445326
- Nokian Mine L-5S 18.00-25 28PR – T445325
- Nokian Mine L-5S 26.5-25 36PR – T445324



# Nokian Mine L-5S 12.00-20 20PR – T487630

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T487630 | 12.00-20 | 20 | Mine L-5S | TT | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 543 | 21.4 | 3 428 | 135.0 | 850 | 123 | 10 300 | 22 705 | 7 300 | 16 095 | 6 440 | 14 200 | 36 | 45 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 135 | 35 | 100 | 25 | 83 | 22 | 42 | 95 | 125 | 275 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52810 | V3.02.16 | T229537 | 225-20 |



# Nokian Mine L-5S 17.5-25 20PR – T445326

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445326 | 17.5-25* | 20 | Mine L-5S | TL | 14.00/1.5 | 13.00/1.4 (DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 645 | 25.4 | 4 130 | 162.6 | 575 | 83 | 13 200 | 29 100 | 9 300 | 20 505 | 8 250 | 18 190 | 66 | 83 |

* Replaced by Nokian Mine King L-5S (T445540)

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 260 | 70 | 195 | 50 | 160 | 42 | 82 | 180 | 242 | 535 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55867 | TRJ1175 | T299551 | 350-25 |



# Nokian Mine L-5S 18.00-25 28PR – T445325

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445325 | 18.00-25** | 28 | Mine L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 4 935 | 194.3 | 650 | 94 | 21 750 | 47 950 | 15 400 | 33 950 | 13 600 | 29 985 | 79 | 100 |

** Replaced by Nokian Mine King L-5S (T445545)

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 505 | 135 | 380 | 100 | 311 | 82 | 158 | 350 | 469 | 1 035 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55831 | TRJ1175 | T299551 | 350-25 |



# Nokian Mine L-5S 26.5-25 36PR – T445324

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445324 | 26.5-25 | 36 | Mine L-5S | TL | 22.00/3.0 | - | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.8 | 1 891 | 74.4 | 829 | 32.6 | 5 485 | 215.9 | 625 | 91 | 29 600 | 65 255 | 20 900 | 46 075 | 18 500 | 40 785 | 90 | 114 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 745 | 195 | 560 | 150 | 458 | 121 | 234 | 515 | 692 | 1 525 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | - | - |



# Nokian Mine L-5S – all sizes

TT = TUBE-TYPE, to be fitted with tube  TL = TUBELESS, may be fitted with or without tube

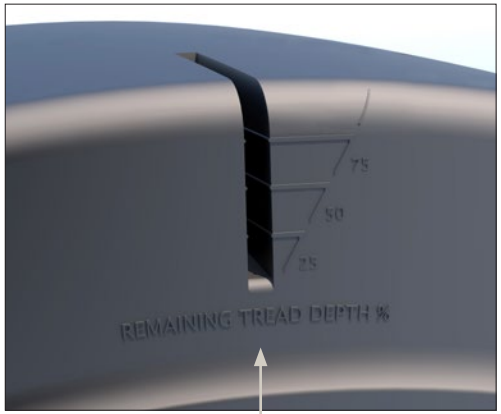
| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T487630 | 12.00-20 | 20 | Mine L-5S | TT | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 543 | 21.4 | 3 428 | 135.0 | 850 | 123 | 10 300 | 22 705 | 7 300 | 16 095 | 6 440 | 14 200 | 36 | 45 |
| T445326 | 17.5-25* | 20 | Mine L-5S | TL | 14.00/1.5 | 13.00/1.4 (DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 645 | 25.4 | 4 130 | 162.6 | 575 | 83 | 13 200 | 29 100 | 9 300 | 20 505 | 8 250 | 18 190 | 66 | 83 |
| T445325 | 18.00-25** | 28 | Mine L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 772 | 30.4 | 4 935 | 194.3 | 650 | 94 | 21 750 | 47 950 | 15 400 | 33 950 | 13 600 | 29 985 | 79 | 100 |
| T445324 | 26.5-25 | 36 | Mine L-5S | TL | 22.00/3.0 | - | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.8 | 1 891 | 74.4 | 829 | 32.6 | 5 485 | 215.9 | 625 | 91 | 29 600 | 65 255 | 20 900 | 46 075 | 18 500 | 40 785 | 90 | 114 |

# NOKIAN NORDMAN MINE L-5S




## For efficient and comfortable material loading

- Durable Bias-Ply structure
- Cost effective mine tire – EUR/produced ton
- Compliant with the EU's REACH regulations
- Nordman Mine by Nokian Heavy Tyres Ltd




Remaining tread depth can be easily checked from the tire side wall

**Notice!** Nokian Nordman Mine L-5S tires especially for underground loaders

## Sizes

- Nokian Nordman Mine L-5S 12.00-20 20PR – T845494
- Nokian Nordman Mine L-5S 17.5-25 24PR – T845493
- Nokian Nordman Mine L-5S 18.00-25 32PR – T845492



# Nokian Nordman Mine L-5S 12.00-20 20PR – T845494

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T845494 | 12.00-20 | 20 | Mine L-5S | TL | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 543 | 21.4 | 3 531 | 139.0 | 850 | 123 | 10 200 | 22 485 | 7 300 | 16 095 | 6 400 | 14 110 | 40 | 51 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 135 | 35 | 100 | 25 | 83 | 22 | 42 | 95 | 125 | 275 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T52810 | V3.02.16 | T229530 | 195-20 |



# Nokian Nordman Mine L-5S 17.5-25 24PR – T845493

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T845493 | 17.5-25 | 24 | Mine L-5S | TL | 14.00/1.5 | 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 660 | 26.0 | 4 291 | 168.9 | 675 | 98 | 14 400 | 31 745 | 10 300 | 22 705 | 9 000 | 19 840 | 66 | 83 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 260 | 70 | 195 | 50 | 160 | 42 | 82 | 180 | 242 | 535 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55867 | TRJ1175 | T299551 | 350-25 |



# Nokian Nordman Mine L-5S 18.00-25 32PR – T845492

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T845492 | 18.00-25 | 32 | Mine L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 773 | 30.4 | 5 083 | 200.1 | 750 | 109 | 24 000 | 52 910 | 17 100 | 37 700 | 15 000 | 33 070 | 80 | 101 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 505 | 135 | 380 | 100 | 311 | 82 | 158 | 350 | 469 | 1 035 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55831 | TRJ1175 | T299551 | 350-25 |



# Nokian Nordman Mine L-5S – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T845494 | 12.00-20 | 20 | Mine L-5S | TL | 8.5 | 9.0 | 320 | 12.6 | 349 | 13.7 | 1 166 | 45.9 | 1 203 | 47.4 | 543 | 21.4 | 3 531 | 139.0 | 850 | 123 | 10 200 | 22 485 | 7 300 | 16 095 | 6 400 | 14 110 | 40 | 51 |
| T845493 | 17.5-25 | 24 | Mine L-5S | TL | 14.00/1.5 | 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 399 | 55.1 | 1 460 | 57.5 | 660 | 26.0 | 4 291 | 168.9 | 675 | 98 | 14 400 | 31 745 | 10 300 | 22 705 | 9 000 | 19 840 | 66 | 83 |
| T845492 | 18.00-25 | 32 | Mine L-5S | TL | 13.00/2.5 | 15.00/2.5 | 498 | 19.6 | 553 | 21.8 | 1 673 | 65.9 | 1 758 | 69.2 | 773 | 30.4 | 5 083 | 200.1 | 750 | 109 | 24 000 | 52 910 | 17 100 | 37 700 | 15 000 | 33 070 | 80 | 101 |

# NOKIAN MINE L-3S




## Especially designed for use with chains

- Excellent durability and stability
- Tire diameter to allow easier chain mounting
- Nokian Mine L-3S with protection chains increases productivity and maximizes tire life

## Sizes

- Nokian Mine L-3S 26.5-25 36PR – T445522



# Nokian Mine L-3S 26.5-25 36PR – T445522

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | mm | 32 nds in |
| T445522 | 26.5-25 | 36 | Mine L-3S | TL | 22.00/3.0 | - | 650 | 25.6 | 722 | 28.4 | 1 700 | 66.9 | 1 785 | 70.3 | 772 | 30.4 | 824 | 32.4 | 625 | 91 | 29 600 | 65 255 | 20 900 | 46 075 | 18 500 | 40 785 | 42 | 53 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 765 | 200 | 575 | 150 | 471 | 124 | 240 | 530 | 711 | 1 565 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | | |

# NOKIAN NORDMAN MINE E-4




## Durability for articulated dump trucks

- Durable radial all-steel structure
- Excellent choice for rough conditions in quarries
- Cost effective mine tire - EUR/h

## Sizes

- Nokian Nordman Mine E-4 26.5R25 ** – T845483
- Nokian Nordman Mine E-4 29.5R25 ** – T845482



# Nokian Nordman Mine E-4 26.5R25 ** – T845483

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Load capacity kg/lbs | | Max inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845483 | 26.5R25 | ** | Mine E-4 | TL | 22.00/3.0 | 22.00/3.0 IF | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.7 | 1 891 | 74.4 | 769 | 30.3 | 5 353 | 210.7 | 575 | 83 | 18 500 | 40 785 | 450 | 65 | 11 500 | 25 355 | 55 | 69 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 896 | 235 | 670 | 175 | 551 | 146 | 281 | 620 | 832 | 1 835 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | | |



# Nokian Nordman Mine E-4 29.5R25 ** – T845482

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Load capacity kg/lbs | | Max inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845482 | 29.5R25 | ** | Mine E-4 | TL | 25.00/3.5 | 25.00/3.5 IF | 750 | 29.5 | 833 | 32.7 | 1 921 | 75.6 | 2 024 | 79.6 | 817 | 32.2 | 5 749 | 226.3 | 575 | 83 | 22 400 | 49 385 | 450 | 65 | 14 000 | 30 865 | 60 | 76 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 1 196 | 315 | 895 | 235 | 736 | 194 | 375 | 825 | 1 111 | 2 450 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | - | - | | |



# Nokian Nordman Mine E-4 – all sizes

TT = TUBE-TYPE, to be fitted with tube  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Max inflation pressure | | Load capacity kg/lbs | | Max inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845483 | 26.5R25 | ** | Mine E-4 | TL | 22.00/3.0 | 22.00/3.0 IF | 673 | 26.5 | 747 | 29.4 | 1 798 | 70.7 | 1 891 | 74.4 | 769 | 30.3 | 5 353 | 210.7 | 575 | 83 | 18 500 | 40 785 | 450 | 65 | 11 500 | 25 355 | 55 | 69 |
| T845482 | 29.5R25 | ** | Mine E-4 | TL | 25.00/3.5 | 25.00/3.5 IF | 750 | 29.5 | 833 | 32.7 | 1 921 | 75.6 | 2 024 | 79.6 | 817 | 32.2 | 5 749 | 226.3 | 575 | 83 | 22 400 | 49 385 | 450 | 65 | 14 000 | 30 865 | 60 | 76 |

# NOKIAN MINE E-3




## Sturdiness and reliability for drill rigs

- Sturdy special tire for drill rigs and other mining machines
- Durable tread ensures long lifespan
- Stable driving response

## Sizes

- Nokian Mine E-3 14.00-24 28PR – T445456



# Nokian Mine E-3 14.00-24 28PR – T445456

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445456 | 14.00-24 | 28 | Mine E-3 | TL | 10.0VA, 10.00WA | 10.0, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 634 | 25.0 | 4 134 | 162.8 | 1 000 | 145 | 14 345 | 31 625 | 12 350 | 27 225 | 9 500 | 20 945 | 29 | 37 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 37 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| TR650 | T55767 | TR1175A | T299531 | 260-24/25 |

# NOKIAN MINE KING E-4




## Reliable tire for underground mining equipment

- Ready for a long, trouble-free service
- Strong carcass with a maximum operating pressure of 10 bars
- Sharp shoulders and large contact area for better grip
- Deep grooves with a solid middle section enable good puncture resistance and a long service life

### KEY FEATURES

In the tough underground conditions, reliability is the key feature in a tire. The rugged new Nokian Mine King E-4 gives a lifetime of service for your heavy mining equipment – with no surprises.

## Sizes

- Nokian Mine King E-4 14.00-20 20PR – T445617



# Nokian Mine King E-4 14.00-20 20PR – T445617

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | LI/SS | PR | Pattern | TT/TL | Recommended rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | mm | 32 nds in |
| T445617 | 14.00-20 | 178 A2 | 20 | Mine King E-4 | TT | 10.0 | 9.0 | 372 | 14.6 | 1 225 | 48.2 | 560 | 22.0 | 3 640 | 143.3 | 700 | 102 | 7 500 | 16 500 | 40 | 50 |

## LOAD CAPACITY VALUES IN LOADER AND DOZER APPLICATIONS

| Inflation pressure | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 25 km/h |
|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg |
| 375 | 8 300 | 6 800 | 5 900 | 5 200 | 4 500 | 4 200 |
| 400 | 8 600 | 7 000 | 6 200 | 5 400 | 4 700 | 4 300 |
| 425 | 9 000 | 7 300 | 6 400 | 5 600 | 4 900 | 4 500 |
| 450 | 9 300 | 7 500 | 6 600 | 5 800 | 5 000 | 4 600 |
| 475 | 9 600 | 7 800 | 6 800 | 6 000 | 5 200 | 4 800 |
| 500 | 9 900 | 8 000 | 7 000 | 6 200 | 5 400 | 4 900 |
| 525 | 10 100 | 8 200 | 7 200 | 6 300 | 5 500 | 5 100 |
| 550 | 10 400 | 8 500 | 7 400 | 6 500 | 5 700 | 5 200 |
| 575 | 10 700 | 8 700 | 7 600 | 6 700 | 5 800 | 5 300 |
| 600 | 11 000 | 8 900 | 7 800 | 6 900 | 6 000 | 5 500 |
| 625 | 11 200 | 9 100 | 8 000 | 7 000 | 6 100 | 5 600 |
| 650 | 11 500 | 9 300 | 8 200 | 7 200 | 6 200 | 5 700 |
| 675 | 11 700 | 9 500 | 8 400 | 7 300 | 6 400 | 5 900 |
| 700 | 12 000 | 9 800 | 8 600 | 7 500 | 6 500 | 6 000 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 158 | 42 | 119 | 31 | 97 | 26 | 55 | 121 | 152 | 336 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52920 | V3-02-19 | T299537 | 225-20 |

# NOKIAN INDUSTRIAL MINE




## Durability and agility for drill rigs

- Light and agile special tire for drill rigs and other mining machines
- Durable rubber compound tailored specifically for mining use
- Abrasion protection that minimises sidewall damage

## Sizes

- Nokian Industrial Mine 14.00-24 28PR – T445446



# Nokian Industrial Mine 14.00-24 28PR – T445446

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445446 | 14.00-24 | 28 | Industrial Mine | TT | 10.0 | 10.00VA, 10.00W | 375 | 14.8 | 405 | 15.9 | 1 368 | 53.9 | 1 414 | 55.7 | 627 | 24.7 | 4 121 | 162.2 | 1 000 | 145 | 14 345 | 31 625 | 12 350 | 27 225 | 9 500 | 20 945 | 25 | 32 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 37 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

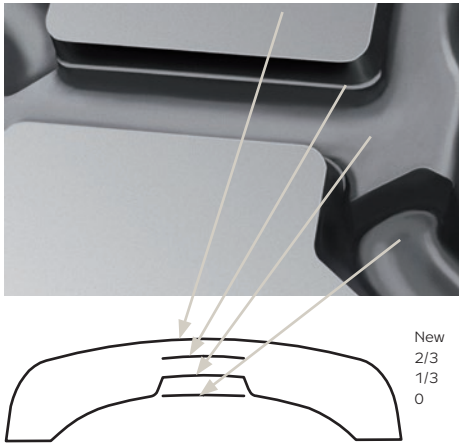
| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T55767 | TR1175A | T299531 | 260-24/25 |

# NOKIAN ARMOR GARD MINE




## Long service life for mining machines

- Top-class tire for mining machinery, lift trucks and excavators
- Record-breaking mileage
- Tread design with excellent traction
- Durable construction
- Precise and stable driving response
- Groove depth indicator




### GROOVE DEPTH INDICATOR NOKIAN ARMOR GARD MINE

Regular tire maintenance is made easier by a groove depth indicator. This indicator helps you monitor tire wear.

## Sizes

- Nokian Armor Gard Mine 9.00-20 16PR – T445562
- Nokian Armor Gard Mine 12.00-20 20PR – T445449



# Nokian Armor Gard Mine 9.00-20 16PR – T445562

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445562 | 9.00-20 | 16 | Armor Gard Mine | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 497 | 19.6 | 3 123 | 123.0 | 1 000 | 145 | 7 200 | 15 875 | 6 200 | 13 670 | 4 750 | 10 470 | 20 | 25 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 90 | 25 | 70 | 20 | 55 | 15 | 28 | 60 | 84 | 185 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52520 | TR175 | T299520 | 170-20 |



# Nokian Armor Gard Mine 12.00-20 20PR – T445449

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445449 | 12.00-20 | 20 | Armor Gard Mine | TT | 8.5 | 9.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 10 420 | 22 970 | 8 970 | 19 775 | 6 900 | 15 210 | 25.5 | 32 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 145 | 40 | 110 | 30 | 89 | 24 | 45 | 100 | 135 | 295 |

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52810 | V3.02.16 | T299537 | 225-20 |



# Nokian Armor Gard Mine – all sizes

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 0 km/h | 0 mph | 10 km/h | 5 mph | 25 km/h | 15 mph | mm | 32 nds in |
| T445562 | 9.00-20 | 16 | Armor Gard Mine | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 497 | 19.6 | 3 123 | 123.0 | 1 000 | 145 | 7 200 | 15 875 | 6 200 | 13 670 | 4 750 | 10 470 | 20 | 25 |
| T445449 | 12.00-20 | 20 | Armor Gard Mine | TT | 8.5 | 9.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 10 420 | 22 970 | 8 970 | 19 775 | 6 900 | 15 210 | 25.5 | 32 |

# MINE TIRE MAINTENANCE

To utilise the full capacity of a mining tire, it is recommended to check the inflation pressure at least once a week. Keeping the pressure at a sufficient level prevents tire break-up caused by high heat generation. Pressure maintenance reduces cuts and cracks on tire sidewalls by keeping the tire contour in design width.

It is also recommended to keep a tire check diary. This makes it easier to determine the interval and the need for maintenance. A diary helps maintenance when machines are operated in several shifts and by different operators. Regular check-ups help in starting repair procedures early enough to save in tire costs.

When checking the inflation pressure, please observe also the tire temperature. A rise of 10 degrees centigrade / 50 Fahrenheit will increase the inflation pressure approximately 0,1 bar / 1,0 psi Use only reliable and calibrated pressure gauges. A regular gauge re-calibration should also be performed.

A cut on a tire sidewall, caused in example by sharp stones, should always be repaired before it proceeds to let moisture reach into the tire reinforcing cords.

Narrow mine tunnels often wear tread more from the outer side of a tire. It is recommended to swap tires from one side to the other to gain more tire hours.

The Nokian Mine L-5S features a tread wear indicator. Besides this it is also recommended to mark the actual tread wear (mm / in) into the tire check diary.

In handling a TL (tubeless) tire make sure that the rim is not damaged. Even a small abrasion on a tire by a damaged or a faulty rim can lead to excessive air leak. A defective rim is always a serious safety hazard. With a TL tire always use a tubeless rim.

**Notice!** Regular inflation pressure maintenance ensures long service life.

# EARTHMOVING AND ROAD MAINTENANCE EQUIPMENT TIRES

Nokian Heavy Tyres produces tires for wheel loaders, excavators, graders, backhoe loaders and waste treatment machines. These tires offer supreme grip, driving comfort and durability. Tools for effortless and efficient contracting.



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**Watch our instructional videos:**

» Excavator tire mounting

**NOTICE!**

Manual may contain technical information also on omitted products.

# NOKIAN HAKKAPELIITTA LOADER




## Winter tire for wheel loaders

- Open block design creates excellent self-cleaning
- Aggressive tread design creates reference level lateral and traction grip
- New compound and more rubber in the tread creates better grip and increased lifetime
- Re-designed carcass structure gives more lifetime and better stability
- Siped non-directional thread design with pre-marked stud position

## Sizes

- Nokian Hakkapeliitta Loader 17.5R25 – T445590
- Nokian Hakkapeliitta Loader 20.5R25 – T445591
- Nokian Hakkapeliitta Loader 23.5R25 – T445592



# Nokian Hakkapeliitta Loader 17.5R25 – T445590

| Product code | Size | LI/SS | PR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Inflation pressure | | Tread depth | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | kPa | psi | mm | 32 nds | mm | in | mm | in |
| T445590 | 17.5R25 | 176 A2 / 153 A8 | * | TL | 14.00/1.5 | 14.00/1.3 (DC), 14.00/1.4 (DC) | 446 | 17.6 | 1 344 | 52.9 | 450 | 65 | 27 | 34 | 593 | 23.3 | 4 078 | 160.6 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 25 km/h | Inflation pressure | 0 mph | Creep | 2.5 mph | 5 mph | 10 mph | 15 mph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg | psi | lb | lb | lb | lb | lb | lb |
| 250 | 7 300 | 5 900 | 5 200 | 4 600 | 4 000 | 3 700 | 25 | 12 200 | 9 900 | 8 700 | 7 700 | 6 600 | 6 100 |
| 275 | 7 900 | 6 400 | 5 600 | 4 900 | 4 300 | 3 900 | 30 | 14 000 | 11 400 | 10 000 | 8 800 | 7 600 | 7 000 |
| 300 | 8 400 | 6 800 | 6 000 | 5 200 | 4 600 | 4 200 | 35 | 15 700 | 12 800 | 11 200 | 9 900 | 8 500 | 7 900 |
| 325 | 8 900 | 7 200 | 6 300 | 5 600 | 4 800 | 4 400 | 40 | 17 400 | 14 100 | 12 400 | 10 900 | 9 400 | 8 700 |
| 350 | 9 400 | 7 600 | 6 700 | 5 900 | 5 100 | 4 700 | 45 | 19 000 | 15 400 | 13 500 | 11 900 | 10 300 | 9 500 |
| 375 | 9 900 | 8 100 | 7 100 | 6 200 | 5 400 | 5 000 | 50 | 20 500 | 16 700 | 14 600 | 12 900 | 11 200 | 10 300 |
| 400 | 10 400 | 8 400 | 7 400 | 6 500 | 5 700 | 5 200 | 55 | 22 100 | 17 900 | 15 700 | 13 900 | 12 000 | 11 000 |
| 425 | 10 900 | 8 800 | 7 800 | 6 800 | 5 900 | 5 400 | 60 | 23 500 | 19 100 | 16 800 | 14 800 | 12 800 | 11 800 |
| 450 | 11 400 | 9 200 | 8 100 | 7 100 | 6 200 | 5 700 | 65 | 25 000 | 20 300 | 17 800 | 15 700 | 13 600 | 12 500 |



# Nokian Hakkapeliitta Loader 20.5R25 – T445591

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Inflation pressure | | Tread depth | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | kPa | psi | mm | 32 nds | mm | in | mm | in |
| T445591 | 20.5R25 | 186 A2 | * | TL | 17.00/2.0 | 17.00/2.0 IF | 538 | 21.2 | 1 486 | 58.5 | 450 | 65 | 31 | 39 | 650 | 25.6 | 4 509 | 177.5 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 25 km/h | Inflation pressure | 0 mph | Creep | 2.5 mph | 5 mph | 10 mph | 15 mph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg | psi | lb | lb | lb | lb | lb | lb |
| 250 | 9 800 | 7 900 | 7 000 | 6 100 | 5 300 | 4 900 | 25 | 16 400 | 13 300 | 11 700 | 10 200 | 8 900 | 8 200 |
| 275 | 10 500 | 8 500 | 7 500 | 6 600 | 5 700 | 5 300 | 30 | 18 800 | 15 200 | 13 400 | 11 700 | 10 200 | 9 400 |
| 300 | 11 200 | 9 100 | 8 000 | 7 000 | 6 100 | 5 600 | 35 | 21 100 | 17 100 | 15 000 | 13 100 | 11 400 | 10 600 |
| 325 | 11 900 | 9 700 | 8 500 | 7 400 | 6 500 | 6 000 | 40 | 23 300 | 18 900 | 16 600 | 14 500 | 12 600 | 11 700 |
| 350 | 12 600 | 10 200 | 9 000 | 7 900 | 6 800 | 6 300 | 45 | 25 400 | 20 600 | 18 100 | 15 900 | 13 800 | 12 800 |
| 375 | 13 300 | 10 800 | 9 400 | 8 300 | 7 200 | 6 600 | 50 | 27 500 | 22 300 | 19 600 | 17 200 | 14 900 | 13 800 |
| 400 | 13 900 | 11 300 | 9 900 | 8 700 | 7 600 | 7 000 | 55 | 29 600 | 24 000 | 21 100 | 18 400 | 16 100 | 14 800 |
| 425 | 14 600 | 11 800 | 10 400 | 9 100 | 7 900 | 7 300 | 60 | 31 500 | 25 600 | 22 500 | 19 700 | 17 100 | 15 800 |
| 450 | 15 200 | 12 400 | 10 800 | 9 500 | 8 300 | 7 600 | 65 | 33 500 | 27 200 | 23 900 | 20 900 | 18 200 | 16 800 |



# Nokian Hakkapeliitta Loader 23.5R25 – T445592

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Inflation pressure | | Tread depth | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | kPa | psi | mm | 32 nds | mm | in | mm | in |
| T445592 | 23.5R25 | 195 A2 | * | TL | 19.50/2.5 | 19.50/2.5 IF | 615 | 24.2 | 1 610 | 64.6 | 450 | 65 | 34 | 43 | 695 | 27.4 | 4 850 | 190.9 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | 0 km/h | 1 km/h | 5 km/h | 10 km/h | 15 km/h | 25 km/h | Inflation pressure | 0 mph | Creep | 2.5 mph | 5 mph | 10 mph | 15 mph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg | psi | lb | lb | lb | lb | lb | lb |
| 250 | 12 500 | 10 200 | 8 900 | 7 800 | 6 800 | 6 300 | 25 | 21 000 | 17 000 | 14 900 | 13 100 | 11 400 | 10 500 |
| 275 | 13 400 | 10 900 | 9 600 | 8 400 | 7 300 | 6 700 | 30 | 24 000 | 19 500 | 17 100 | 15 000 | 13 000 | 12 000 |
| 300 | 14 300 | 11 700 | 10 200 | 9 000 | 7 800 | 7 200 | 35 | 27 000 | 21 900 | 19 200 | 16 800 | 14 600 | 13 500 |
| 325 | 15 200 | 12 400 | 10 900 | 9 500 | 8 300 | 7 600 | 40 | 29 800 | 24 200 | 21 200 | 18 600 | 16 200 | 14 900 |
| 350 | 16 100 | 13 100 | 11 500 | 10 100 | 8 800 | 8 100 | 45 | 32 600 | 26 400 | 23 100 | 20 300 | 17 700 | 16 200 |
| 375 | 17 000 | 13 800 | 12 100 | 10 600 | 9 200 | 8 500 | 50 | 35 200 | 28 600 | 25 100 | 22 000 | 19 100 | 17 600 |
| 400 | 17 800 | 14 500 | 12 700 | 11 100 | 9 700 | 8 900 | 55 | 37 800 | 30 700 | 26 900 | 23 600 | 20 600 | 18 900 |
| 425 | 18 600 | 15 100 | 13 300 | 11 600 | 10 100 | 9 300 | 60 | 40 400 | 32 800 | 28 700 | 25 200 | 21 900 | 20 200 |
| 450 | 19 400 | 15 800 | 13 900 | 12 200 | 10 600 | 9 700 | 65 | 42 900 | 34 800 | 30 500 | 26 800 | 23 300 | 21 400 |



# Nokian Hakkapeliitta Loader – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Rim | Permitted rims | Width | | Diameter | | Inflation pressure | | Tread depth | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | kPa | psi | mm | 32 nds | mm | in | mm | in |
| T445590 | 17.5R25 | 176 A2 / 153 A8 | * | TL | 14.00/1.5 | 14.00/1.3 (DC), 14.00/1.4 (DC) | 446 | 17.6 | 1 344 | 52.9 | 450 | 65 | 27 | 34 | 593 | 23.3 | 4 078 | 160.6 |
| T445591 | 20.5R25 | 186 A2 | * | TL | 17.00/2.0 | 17.00/2.0 IF | 538 | 21.2 | 1 486 | 58.5 | 450 | 65 | 31 | 39 | 650 | 25.6 | 4 509 | 177.5 |
| T445592 | 23.5R25 | 195 A2 | * | TL | 19.50/2.5 | 19.50/2.5 IF | 615 | 24.2 | 1 610 | 64.6 | 450 | 65 | 34 | 43 | 695 | 27.4 | 4 850 | 190.9 |

# NOKIAN HAKKAPELIITTA LOADER

## Inflation pressure recommendations

### SIZE: 17.5R25

| Manufacturer | Model | Empty vehicle weight | | Tipping load static | | Inflation pressure Front axle | | Inflation pressure Rear axle | |
|---|---|---|---|---|---|---|---|---|---|
| | | kb | lb | kg | lb | kPa | psi | kPa | psi |
| CAT | IT14G* | 8 450 | 18 629 | 4 500 | 9 921 | 375 | 54 | 225 | 33 |
| CAT | 914K* | 8 181 | 18 036 | 5 578 | 12 297 | 375 | 54 | 225 | 33 |
| CAT | 924H | 11 730 | 25 860 | 8 740 | 19 268 | 450 | 65 | 300 | 44 |
| JCB | 411 & 413S | 8 830 | 19 467 | 6 610 | 14 573 | 375 | 54 | 225 | 33 |
| JCB | 417S ZX | 9 510 | 20 966 | 7 250 | 15 984 | 400 | 58 | 225 | 33 |
| JCB | 418S ZX | 9 600 | 21 164 | 7 240 | 15 962 | 400 | 58 | 250 | 36 |
| Liebherr | L524 | 11 100 | 24 471 | 8 500 | 18 739 | 475 | 69 | 300 | 44 |
| Liebherr | L528 | 11 500 | 25 353 | 9 560 | 21 076 | 500 | 73 | 325 | 47 |
| Ljungby | L9 | 10 500 | 23 146 | 6 500 | 14 330 | 450 | 65 | 300 | 44 |
| Volvo | L60H | 12 400 | 27 337 | 6 570 | 14 484 | 500 | 73 | 300 | 44 |

ASSUMPTIONS: Normal bucket. Max speed with full bucket 12.5 mph / *20 mph. Max speed with empty vehicle 25 mph.
ASSUMPTIONS: Normal bucket. Max speed with full bucket 20 km/h / *30 km/h. Max speed with empty vehicle 40 km/h.

### SIZE: 20.5R25

| Manufacturer | Model | Empty vehicle weight | | Tipping load static | | Inflation pressure Front axle | | Inflation pressure Rear axle | |
|---|---|---|---|---|---|---|---|---|---|
| | | kb | lb | kg | lb | kPa | psi | kPa | psi |
| CAT | 930K | 14 400 | 31 747 | 10 100 | 22 267 | 400 | 58 | 275 | 40 |
| CAT | 938K | 16 350 | 36 046 | 12 200 | 26 896 | 475 | 69 | 300 | 44 |
| Komatsu | 270-7 | 13 100 | 28 881 | 10 100 | 22 267 | 350 | 51 | 225 | 33 |
| Komatsu | 320-7 | 16 000 | 35 274 | 11 560 | 25 485 | 450 | 65 | 300 | 44 |
| Liebherr | L538 | 13 400 | 29 542 | 10 700 | 23 590 | 375 | 54 | 250 | 36 |
| Liebherr | L542 | 14 000 | 30 865 | 11 600 | 25 574 | 400 | 58 | 275 | 40 |
| Volvo | L70H | 14 480 | 31 923 | 9 860 | 21 738 | 400 | 58 | 275 | 40 |
| Volvo | L90H | 15 990 | 35 252 | 11 470 | 25 287 | 450 | 65 | 300 | 44 |

ASSUMPTIONS: Normal bucket. Max speed with full bucket 12.5 mph. Max speed with empty vehicle 25 mph.
ASSUMPTIONS: Normal bucket. Max speed with full bucket 20 km/h. Max speed with empty vehicle 40 km/h.

### SIZE: 23.5R25

| Manufacturer | Model | Empty vehicle weight | | Tipping load static | | Inflation pressure Front axle | | Inflation pressure Rear axle | |
|---|---|---|---|---|---|---|---|---|---|
| | | kb | lb | kg | lb | kPa | psi | kPa | psi |
| CAT | 950K | 20 131 | 44 381 | 13 719 | 30 245 | 450 | 65 | 300 | 44 |
| CAT | 962M | 20 226 | 44 591 | 13 358 | 29 449 | 450 | 65 | 300 | 44 |
| Komatsu | WA380-6 | 17 583 | 38 764 | 14 563 | 32 106 | 375 | 54 | 200 | 29 |
| Komatsu | WA430-6 | 18 533 | 40 858 | 14 963 | 32 988 | 400 | 58 | 225 | 33 |
| Liebherr | L550 | 16 590 | 36 575 | 13 204 | 29 110 | 350 | 51 | 225 | 33 |
| Ljungby | L18, Tier IIIB engine | 19 000 | 41 888 | 13 900 | 30 644 | 425 | 62 | 275 | 40 |
| Volvo | L110G | 18 405 | 40 576 | 14 401 | 31 749 | 375 | 54 | 225 | 33 |
| Volvo | L120F | 20 010 | 44 116 | 14 540 | 32 055 | 450 | 65 | 300 | 44 |

ASSUMPTIONS: Normal bucket. Max speed with full bucket 12.5 mph / *20 mph. Max speed with empty vehicle 25 mph.
ASSUMPTIONS: Normal bucket. Max speed with full bucket 20 km/h / *30 km/h. Max speed with empty vehicle 40 km/h.

# NOKIAN HAKKAPELIITTA LOADER

## Studs

Nokian Hakkapeliitta Loader pattern offers an excellent winter grip. To gain even more traction and grip in extreme wet icy conditions the tires can be studded. The following schematic picture shows the studding sequence.

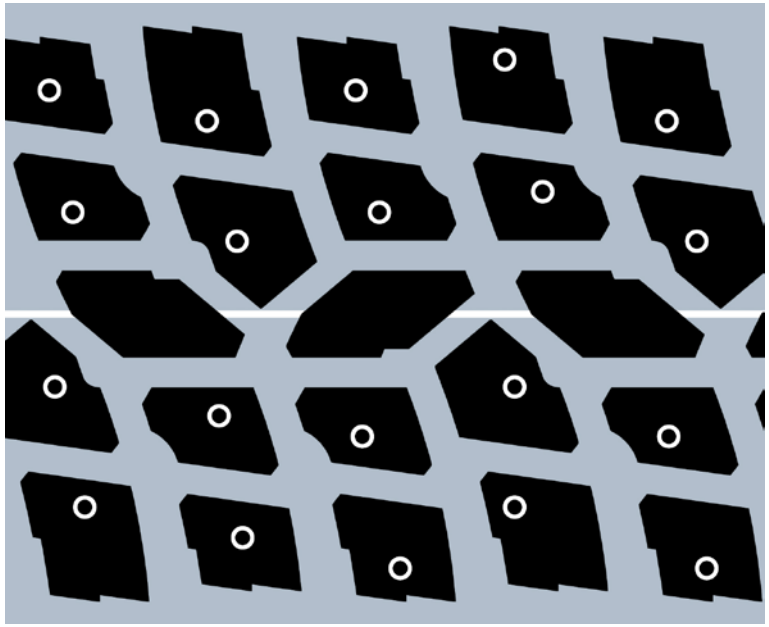
## Stud recommendation

- Recommended types are truck, tractor or construction machine studs
- Maximum stud lenght is 25 mm / 1 in
- Minimum stud flange is 9 mm / 11/32 in

## Number of studs

| Size | Number of studs |
|---|---|
| 17.5R25 | 168 |
| 20.5R25 | 168 |
| 23.5R25 | 168 |

**NOKIAN HAKKAPELIITTA LOADER**



STUD PLACES MARKED.

# NOKIAN LOADER GRIP




## Absolute grip and durability for wheel loaders and other work machines

- Excellent traction and lateral grip on soft gravel and slippery roads
- Strong and sturdy structure – stability even on demanding sites
- Abrasion protection against sidewall cuts and chafing

## Sizes

- Nokian Loader Grip 17.5R25 – T445255
- Nokian Loader Grip 20.5R25 – T445171
- Nokian Loader Grip 23.5R25 – T445223



# Nokian Loader Grip 17.5R25 – T445255

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445255 | 17.5R25 | 157 B/176 A2 | Loader Grip | TL | 14.00/1.5 | 14.00/1.3(DC) 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 594 | 23.4 | 4 059 | 159.8 | 450 | 65 | 7 100 | 15 655 | 350 | 51 | 4 125 | 9 095 | 28 | 35 |



# Nokian Loader Grip 20.5R25 – T445171

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445171 | 20.5R25 | 168 B/186 A2 | Loader Grip | TL | 17.00/2.0 | - | 521 | 20.5 | 577 | 22.7 | 1 493 | 58.8 | 1 561 | 61.5 | 648 | 25.5 | 4 500 | 177.2 | 450 | 65 | 9 500 | 20 945 | 350 | 51 | 5 600 | 12 345 | 31 | 39 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 495 | 130 | 370 | 100 | 305 | 80 | 155 | 340 | 460 | 1 015 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650, TR 618 A | T55831 | TRJ1175 |



# Nokian Loader Grip 23.5R25 – T445223

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445223 | 23.5R25 | 176 B/195 A2 | Loader Grip | TL | 19.50/2.5 | - | 597 | 23.5 | 663 | 26.1 | 1 617 | 63.7 | 1 696 | 66.8 | 700 | 27.6 | 4 880 | 192.1 | 450 | 65 | 12 150 | 26 785 | 350 | 51 | 7 100 | 15 655 | 34 | 43 |

## Nokian Loader Grip – all sizes

TL = TUBELESS, may be fitted with or without tube

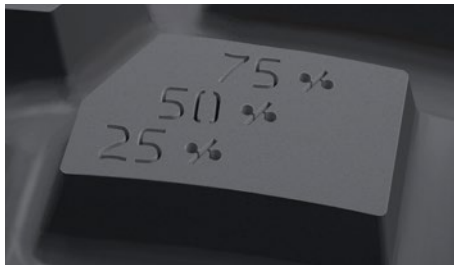
| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445255 | 17.5R25 | 157 B/176 A2 | Loader Grip | TL | 14.00/1.5 | 14.00/1.3(DC) 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 594 | 23.4 | 4 059 | 159.8 | 450 | 65 | 7 100 | 15 655 | 350 | 51 | 4 125 | 9 095 | 28 | 35 |
| T445171 | 20.5R25 | 168 B/186 A2 | Loader Grip | TL | 17.00/2.0 | - | 521 | 20.5 | 577 | 22.7 | 1 493 | 58.8 | 1 561 | 61.5 | 648 | 25.5 | 4 500 | 177.2 | 450 | 65 | 9 500 | 20 945 | 350 | 51 | 5 600 | 12 345 | 31 | 39 |
| T445223 | 23.5R25 | 176 B/195 A2 | Loader Grip | TL | 19.50/2.5 | - | 597 | 23.5 | 663 | 26.1 | 1 617 | 63.7 | 1 696 | 66.8 | 700 | 27.6 | 4 880 | 192.1 | 450 | 65 | 12 150 | 26 785 | 350 | 51 | 7 100 | 15 655 | 34 | 43 |

# NOKIAN LOADER GRIP 2




## Absolute grip and durability for wheel loaders and other work machines

- Excellent traction and lateral grip on soft gravel and slippery roads
- Strong and sturdy structure – stability even on demanding sites
- Abrasion protection against sidewall cuts and chafing




Nokian Loader Grip 2 tread depth indicator

## Sizes

- Nokian Loader Grip 2 15.5R25 – T445463
- Nokian Loader Grip 2 17.5R25 – T845478



# Nokian Loader Grip 2 15.5R25 – T445463

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445463 | 15.5R25 | 152 B / 169 A2 | Loader Grip 2 | TL | 12.00/1.3 | 13.00/1.4(DC) | 387 | | 437 | 17.2 | 1 280 | | 1 328 | 52.3 | 569 | | 3 874 | | 450 | 65 | 5 800 | 12 785 | 350 | 51 | 3 550 | 7 825 | 23 | 29 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 247 | 65 | 185 | 50 | 152 | 40 | 77 | 170 | 229 | 505 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650, TR 618 A | - | - |



# Nokian Loader Grip 2 17.5R25 – T845478

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845478 | 17.5R25* | 167 B / 182 A2 | Loader Grip 2 | TL | 14.00 / 1.5 | 14.00/1.3(DC) 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 589 | 23.2 | 4 053 | 159.6 | 575 | 83 | 8 500 | 18 740 | 450 | 65 | 5 450 | 12 015 | 28 | 35 |

* All-Steel Radial



# Nokian Loader Grip 2 – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445463 | 15.5R25 | 152 B / 169 A2 | Loader Grip 2 | TL | 12.00/1.3 | 13.00/1.4(DC) | 387 | | 437 | 17.2 | 1 280 | | 1 328 | 52.3 | 569 | | 3 874 | | 450 | 65 | 5 800 | 12 785 | 350 | 51 | 3 550 | 7 825 | 23 | 29 |
| T845478 | 17.5R25* | 167 B / 182 A2 | Loader Grip 2 | TL | 14.00 / 1.5 | 14.00/1.3(DC) 13.00/1.4(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 589 | 23.2 | 4 053 | 159.6 | 575 | 83 | 8 500 | 18 740 | 450 | 65 | 5 450 | 12 015 | 28 | 35 |

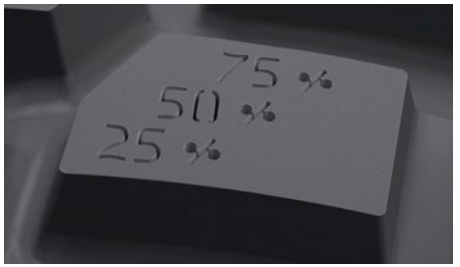
* All-Steel Radial

# NOKIAN LOADER GRIP 3




## High traction special tire for articulated wheel loaders and dump trucks

- Nokian Loader Grip 3's sharp edged pattern design provides high non-directional traction for great productivity and safety
- Strong sidewalls with extra protective rib
- Groove geometry is designed for excellent self-cleaning
- Optimal tread-block size offers great ground contact and All-Steel construction provides long service life




Nokian Loader Grip 3 tread depth indicator

## Sizes

- Nokian Loader Grip 3 20.5R25 – T845479
- Nokian Loader Grip 3 23.5R25 – T845480
- Nokian Loader Grip 3 26.5R25 – T845481



# Nokian Loader Grip 3 20.5R25 – T845479

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845479 | 20.5R25* | 177 B / 193 A2 | Loader Grip 3 | TL | 17.00 / 2.0 | 17.00 / 2.0 | 520 | 20.5 | 577 | 22.7 | 1 492 | 58.7 | 1 561 | 61.5 | 648 | 25.5 | 4 505 | 177.4 | 575 | 83 | 11 500 | 25 355 | 450 | 65 | 7 300 | 16 095 | 31 | 39 |

* All-Steel Radial

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 470 | 125 | 355 | 95 | 289 | 75 | 147 | 325 | 437 | 965 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650, TR 618 A | - | - |



# Nokian Loader Grip 3 23.5R25 – T845480

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845480 | 23.5R25* | 185 B / 201 A2 | Loader Grip 3 | TL | 19.50/2.5 | 19.50 / 2.5 IF | 597 | 23.5 | 663 | 26.1 | 1 617 | 63.7 | 1 696 | 66.8 | 701 | 27.6 | 4 863 | 191.5 | 575 | 83 | 14 500 | 31 965 | 450 | 65 | 9 250 | 20 395 | 36 | 45 |

* All-Steel Radial

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 655 | 175 | 490 | 130 | 403 | 105 | 205 | 455 | 609 | 1 340 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650, TR 618 A | - | - |



# Nokian Loader Grip 3 26.5R25 – T845481

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845481 | 26.5R25* | 193 B / 209 A2 | Loader Grip 3 | TL | 22.00/3.0 | 22.00 / 3.0 IF | 673 | 26.5 | 747 | 29.4 | 1 750 | 70.8 | 1 839 | 74.4 | 749 | 29.96 | 5 284 | 211.36 | 575 | 83 | 18 500 | 40 785 | 450 | 65 | 11 500 | 25 355 | 40 | 51 |

* All-Steel Radial

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 840 | 220 | 630 | 165 | 517 | 135 | 264 | 580 | 780 | 1 720 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650, TR 618 A | - | - |

# Nokian Loader Grip 3 – all sizes

TL = TUBELESS, may be fitted with or without tube

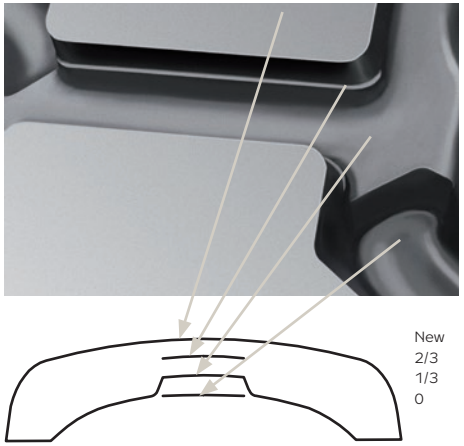
| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Loading load capacity kg/lbs | | Inflation pressure | | Transport load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 10 km/h | 5 mph | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T845479 | 20.5R25* | 177 B / 193 A2 | Loader Grip 3 | TL | 17.00 / 2.0 | 17.00 / 2.0 | 520 | 20.5 | 577 | 22.7 | 1 492 | 58.7 | 1 561 | 61.5 | 648 | 25.5 | 4 505 | 177.4 | 575 | 83 | 11 500 | 25 355 | 450 | 65 | 7 300 | 16 095 | 31 | 39 |
| T845480 | 23.5R25* | 185 B / 201 A2 | Loader Grip 3 | TL | 19.50/2.5 | 19.50 / 2.5 IF | 597 | 23.5 | 663 | 26.1 | 1 617 | 63.7 | 1 696 | 66.8 | 701 | 27.6 | 4 863 | 191.5 | 575 | 83 | 14 500 | 31 965 | 450 | 65 | 9 250 | 20 395 | 36 | 45 |
| T845481 | 26.5R25* | 193 B / 209 A2 | Loader Grip 3 | TL | 22.00/3.0 | 22.00 / 3.0 IF | 673 | 26.5 | 747 | 29.4 | 1 750 | 70.8 | 1 839 | 74.4 | 749 | 29.96 | 5 284 | 211.36 | 575 | 83 | 18 500 | 40 785 | 450 | 65 | 11 500 | 25 355 | 40 | 51 |

# NOKIAN ARMOR GARD




## Long service life for material handling equipment and loaders

- Precise and stable driving response
- Durable carcass
- Good traction
- Record-breaking mileage
- With groove depth indicator




### GROOVE DEPTH INDICATOR NOKIAN ARMOR GARD

Regular tire maintenance is made easier by a groove depth indicator. This indicator helps you monitor tire wear.

## Sizes

- Nokian Armor Gard 9.00-20 14PR – T445452
- Nokian Armor Gard 10.00-20 16PR – T445451
- Nokian Armor Gard 11.00-20 16PR – T445450
- Nokian Armor Gard 12.00-20 20PR – T445459



# Nokian Armor Gard 9.00-20 14PR – T445452

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permit-ted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445452 | 9.00-20 | 14 | Armor Gard | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 469 | 18.5 | 3 017 | 118.8 | 900 | 131 | 4 500 | 9 920 | 5 850 | 12 895 | 4 165 | 9 180 | 5 625 | 12 400 | 5 850 | 12 895 | 4 500 | 9 920 | 4 005 | 8 830 | 3 780 | 8 335 | 20 | 25 |

## NOKIAN ARMOR GARD IN EXCAVATOR USE

| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Stationary | | | | | | | | | | | |
| kPa | psi | kg | lbs | 5 km/h | 2.5 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 600 | 87 | 5150 | 11355 | 4330 | 9545 | 3710 | 8180 | 3090 | 6810 | 2580 | 5690 | 2160 | 4760 |
| 675 | 98 | 5600 | 12345 | 4700 | 10360 | 4030 | 8885 | 3360 | 7405 | 2800 | 6175 | 2350 | 5180 |
| 750 max | 109 max | 6250 | 13780 | 5250 | 11575 | 4500 | 9920 | 3750 | 8265 | 3130 | 6900 | 2620 | 5775 |

**Notice!**
In excavator use do not exceed the maximum pressure given in the table!

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 90 | 25 | 70 | 20 | 55 | 15 | 28 | 60 | 84 | 185 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52520 | TR175 | T299520 | 170-20 |



# Nokian Armor Gard 10.00-20 16PR – T445451

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permit-ted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32nds in |
| T445451 | 10.00-20 | 16 | Armor Gard | TT | 7.5 | 8.0 | 280 | 11.0 | 302 | 11.9 | 1 061 | 41.8 | 1 094 | 43.1 | 482 | 19.0 | 3 119 | 122.8 | 900 | 131 | 5 000 | 11 025 | 6 500 | 14 330 | 4 625 | 10 195 | 6 250 | 13 780 | 6 500 | 14 330 | 5 000 | 11 025 | 4 450 | 9 810 | 4 200 | 9 260 | 20.5 | 26 |

## NOKIAN ARMOR GARD IN EXCAVATOR USE

| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Stationary | | | | | | | | | | | |
| kPa | psi | kg | lbs | 5 km/h | 2.5 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 600 | 87 | 5750 | 12675 | 4830 | 10650 | 4140 | 9125 | 3450 | 7605 | 2880 | 6350 | 2410 | 5315 |
| 700 | 102 | 6630 | 14615 | 5570 | 12280 | 4770 | 10515 | 3980 | 8775 | 3310 | 7295 | 2780 | 6130 |
| 750 max | 109 max | 7065 | 15575 | 5935 | 13085 | 5085 | 11020 | 4240 | 9350 | 3530 | 7780 | 2950 | 6505 |

**Notice!**
In excavator use do not exceed the maximum pressure given in the table!

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 105 | 30 | 80 | 20 | 65 | 15 | 33 | 75 | 98 | 215 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52620 | TR78 | T299520 | 170-20 |



# Nokian Armor Gard 11.00-20 16PR – T445450

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | | | | | | | | | mm | 32nds in |
| T445450 | 11.00-20 | 16 | Armor Gard | TT | 8.0 | 8.5 | 298 | 11.7 | 322 | 12.7 | 1 091 | 43.0 | 1 126 | 44.3 | 493 | 19.4 | 3 208 | 126.3 | 900 | 131 | 5 600 | 12 345 | 7 280 | 16 050 | 5 180 | 11 420 | 7 000 | 15 430 | 7 280 | 16 050 | 5 600 | 12 345 | 4 980 | 10 980 | 4 700 | 10 360 | 21.3 | 27 |

## NOKIAN ARMOR GARD IN EXCAVATOR USE

| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Stationary | | | | | | | | | | | |
| kPa | psi | kg | lbs | 5 km/h | 2.5 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 625 | 91 | 6630 | 14615 | 5570 | 12280 | 4770 | 10515 | 3980 | 8775 | 3310 | 7295 | 2780 | 6130 |
| 725 | 105 | 7500 | 16535 | 6300 | 13890 | 5400 | 11905 | 4500 | 9920 | 3750 | 8265 | 3140 | 6920 |
| 750 max | 109 max | 7815 | 17230 | 6565 | 14475 | 5625 | 12400 | 4690 | 10340 | 3905 | 8610 | 3270 | 7210 |

**Notice!**
In excavator use do not exceed the maximum pressure given in the table!

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 125 | 35 | 95 | 25 | 77 | 20 | 39 | 85 | 116 | 255 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52720 | TR179 | T299530 | 195-20 |



# Nokian Armor Gard 12.00-20 20PR – T445459

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | Other vehicles | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | 35 km/h / 22 mph | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | Drive | Steering | Drive | | | | | | | | | mm | 32nds in |
| T445459 | 12.00-20 | 20 | Armor Gard | TT | 8.5 | 9.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 6 900 | 15 210 | 8 970 | 19 775 | 6 385 | 14 075 | 8 625 | 19 015 | 8 970 | 19 775 | 6 900 | 15 210 | 6 145 | 13 545 | 5 800 | 12 785 | 25.5 | 32 |

## NOKIAN ARMOR GARD IN EXCAVATOR USE

| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Stationary | | | | | | | | | | | |
| kPa | psi | kg | lbs | 5 km/h | 2.5 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 625 | 91 | 7250 | 15985 | 6090 | 13425 | 5220 | 11510 | 4350 | 9590 | 3630 | 8005 | 3040 | 6700 |
| 725 | 105 | 8380 | 18475 | 7040 | 15520 | 6030 | 13295 | 5030 | 11090 | 4190 | 9235 | 3500 | 7715 |
| 825 max | 191 max | 9380 | 20680 | 7880 | 17370 | 6750 | 14880 | 5630 | 12410 | 4690 | 10340 | 3920 | 8640 |

**Notice!**
In excavator use do not exceed the maximum pressure given in the table!

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 145 | 40 | 110 | 30 | 89 | 25 | 45 | 100 | 135 | 300 |

## TUBES AND VALVES

USE ALWAYS WITH TUBE

| Valve tubeless | Tube product code | Valve tube-type | T-Code Flap | Flap |
|---|---|---|---|---|
| - | T52810 | V3.02.16 | T299537 | 225-20 |



# Nokian Armor Gard – all sizes

TT = TUBE-TYPE, to be fitted with tube

| Product code | Size | PR | Pattern | TT/ TL | Rim | Per-mitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circum-ference | | Max. inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | | | | Total tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | Forklift trucks | | | | | | | | Other vehicles | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 25 km/h / 15 mph | | | | 35 km/h / 22 mph | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | Steering | | Drive | | Steering | | Drive | | 10 km/h | 5 mph | 25 km/h | 15 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445562 | 9.00-20 | 14 | Armor Gard | TT | 7.0 | 7.5 | 269 | 10.6 | 291 | 11.5 | 1 026 | 40.4 | 1 057 | 41.6 | 469 | 18.5 | 3 017 | 118.8 | 900 | 131 | 4 500 | 9 920 | 5 850 | 12 895 | 4 165 | 9 180 | 5 625 | 12 400 | 5 850 | 12 895 | 4 500 | 9 920 | 4 005 | 8 830 | 3 780 | 8 335 | 20 | 25 |
| T445451 | 10.00-20 | 16 | Armor Gard | TT | 7.5 | 8.0 | 280 | 11.0 | 302 | 11.9 | 1 061 | 41.8 | 1 094 | 43.1 | 482 | 19.0 | 3 119 | 122.8 | 900 | 131 | 5 000 | 11 025 | 6 500 | 14 330 | 4 625 | 10 195 | 6 250 | 13 780 | 6 500 | 14 330 | 5 000 | 11 025 | 4 450 | 9 810 | 4 200 | 9 260 | 20.5 | 26 |
| T445450 | 11.00-20 | 16 | Armor Gard | TT | 8.0 | 8.5 | 298 | 11.7 | 322 | 12.7 | 1 091 | 43.0 | 1 126 | 44.3 | 493 | 19.4 | 3 208 | 126.3 | 900 | 131 | 5 600 | 12 345 | 7 280 | 16 050 | 5 180 | 11 420 | 7 000 | 15 430 | 7 280 | 16 050 | 5 600 | 12 345 | 4 980 | 10 980 | 4 700 | 10 360 | 21.3 | 27 |
| T445449 | 12.00-20 | 20 | Armor Gard | TT | 8.5 | 8.0 | 325 | 12.8 | 351 | 13.8 | 1 125 | 44.3 | 1 162 | 45.7 | 516 | 20.3 | 3 393 | 133.6 | 1 000 | 145 | 6 900 | 15 210 | 8 970 | 19 775 | 6 385 | 14 075 | 8 625 | 19 015 | 8 970 | 19 775 | 6 900 | 15 210 | 6 145 | 13 545 | 5 800 | 12 785 | 25.5 | 32 |

# NOKIAN ARMOR GARD 2



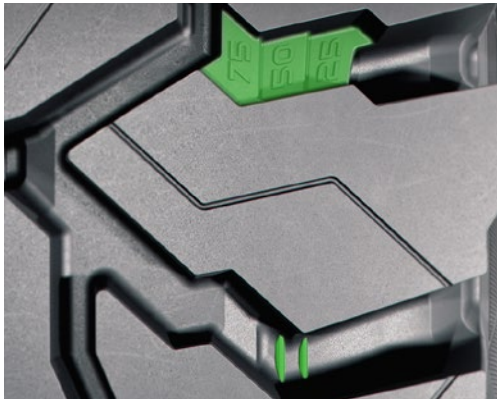

## Premium stability for urban excavation

- **Wider tread:** Lowers contact pressure
- and improves service life
- **New tread design:** More comfortable on road due to tread pattern staggering
- **Tie bar:** Better puncture resistance for the tire
- **Better stability:** More effective working hours for the end user
- **More rectangular shape:** 25% better stability compared to the old product*
- **New sidewall design:** Better fit with stone rings

* Compared to previous Nokian Armor Gard, Nokian Tyres' tests

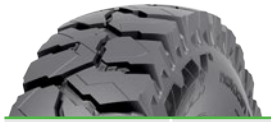
### NEW TREAD DESIGN

DSI% and tread depth measuring points for easy tread depth checking



## Sizes

- Nokian Armor Gard 2 10.00-20 16PR – T445649
- Nokian Armor Gard 2 11.00-20 16PR – T445650



# Nokian Armor Gard 2 10.00-20 16PR – T445649

| Product code | Size | LI/SS | PR | TT/ TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445649 | 10.00-20 | 148 B | 16 | TT | 7.5, 8.0 | 283 | 11.4 | 1 066 | 42.0 | 500 | 19.7 | 3 173 | 124.9 | 750* | 108.9 | 3 150 | 6 950 | 21 | 26 |

*The maximum inflation pressure of the tire is 900 kPa, but in excavators over 750 kPa tire pressure is not recommended. Too high inflation pressure can result reduced wear life or uneven wear.

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

LIGHT EARTH MOVING APPLICATIONS (E.G. EXCAVATORS)

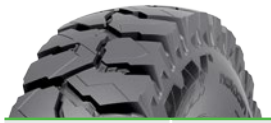
| Inflation pressure | Stationary | 15 km/h | 20 km/h | 30 km/h | 40 km/h | 50 km/h |
|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg |
| 550 | 6 000 | 2 900 | 2 900 | 2 800 | 2 700 | 2 600 |
| 575 | 6 200 | 3 000 | 3 000 | 2 900 | 2 800 | 2 700 |
| 600 | 6 400 | 3 100 | 3 000 | 2 900 | 2 800 | 2 800 |
| 625 | 6 500 | 3 200 | 3 100 | 3 000 | 2 900 | 2 800 |
| 650 | 6 700 | 3 200 | 3 200 | 3 100 | 3 000 | 2 900 |
| 700 | 7 000 | 3 400 | 3 300 | 3 200 | 3 100 | 3 000 |
| 725 | 7 100 | 3 500 | 3 400 | 3 300 | 3 200 | 3 100 |
| 750 | 7 200 | 3 500 | 3 500 | 3 300 | 3 200 | 3 200 |

**Notice!**
The inflation pressures of earthmoving tires should be modified according to machine type and speeds at which machine operates.

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Flap product code | Valve tube-type |
|---|---|---|
| T52620 | T299520 | TR 78 |



# Nokian Armor Gard 2 11.00-20 16PR – T445650

| Product code | Size | LI/SS | PR | TT/ TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445650 | 11.00-20 | 151 B | 16 | TT | 8.0, 8.5 | 306 | 12.0 | 1 106 | 43.5 | 518 | 20.4 | 3 361 | 132.3 | 750* | 109 | 3 450 | 7 600 | 23 | 29 |

*The maximum inflation pressure of the tire is 900 kPa, but in excavators over 750 kPa tire pressure is not recommended. Too high inflation pressure can result reduced wear life or uneven wear.

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

LIGHT EARTH MOVING APPLICATIONS (E.G. EXCAVATORS)

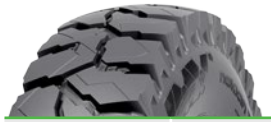
| Inflation pressure | Stationary | 15 km/h | 20 km/h | 30 km/h | 40 km/h | 50 km/h |
|---|---|---|---|---|---|---|
| kPa | kg | kg | kg | kg | kg | kg |
| 550 | 6 600 | 3 200 | 3 200 | 3 100 | 3 000 | 2 900 |
| 575 | 6 800 | 3 300 | 3 200 | 3 100 | 3 000 | 3 000 |
| 600 | 7 000 | 3 400 | 3 300 | 3 200 | 3 100 | 3 000 |
| 625 | 7 100 | 3 500 | 3 400 | 3 300 | 3 200 | 3 100 |
| 650 | 7 300 | 3 600 | 3 500 | 3 400 | 3 300 | 3 200 |
| 675 | 7 500 | 3 600 | 3 600 | 3 400 | 3 300 | 3 200 |
| 700 | 7 600 | 3 700 | 3 600 | 3 500 | 3 400 | 3 300 |
| 725 | 7 800 | 3 800 | 3 700 | 3 600 | 3 500 | 3 400 |
| 750 | 7 900 | 3 900 | 3 800 | 3 700 | 3 600 | 3 500 |

**Notice!**
The inflation pressures of earthmoving tires should be modified according to machine type and speeds at which machine operates.

## TUBES AND VALVES

**USE ALWAYS WITH TUBE**

| Tube product code | Flap product code | Valve tube-type |
|---|---|---|
| T52720 | T299530 | TR 179 |



# Nokian Armor Gard 2 – all sizes

| Product code | Size | LI/SS | PR | TT/ TL | Rim | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Max. Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | mm | 32 nds in |
| T445649 | 10.00-20 | 148 B | 16 | TT | 7.5, 8.0 | 283 | 11.4 | 1 066 | 42.0 | 500 | 19.7 | 3 173 | 124.9 | 750* | 108.9 | 3 150 | 6 950 | 21 | 26 |
| T445650 | 11.00-20 | 151 B | 16 | TT | 8.0, 8.5 | 306 | 12.0 | 1 106 | 43.5 | 518 | 20.4 | 3 361 | 132.3 | 750* | 109 | 3 450 | 7 600 | 23 | 29 |

*The maximum inflation pressure of the tire is 900 kPa, but in excavators over 750 kPa tire pressure is not recommended. Too high inflation pressure can result reduced wear life or uneven wear.

# NOKIAN TRI 2




## Reliable performance all year round

A reliable partner for modern-day farmers and equipment contractors. Excellent grip, high load-bearing capacity and a pleasant driving response. The low rolling resistance efficiently reduces fuel consumption.

- Versatile and environmentally friendly special tire designed for the needs of modern farming and machine contracting
- Excellent grip, high load-bearing capacity and a pleasant driving response
- Sturdy and fast also on the road (max. 65 km/h / 40 mph)
- Good self-cleaning



Nokian TRI 2 tread depth measuring point on top of tie-bar

# NOKIAN TRI 2

## Sizes

More information on the **Nokian TRI 2** sizes is available in the **Agricultural tires** section on **page 128**.

- Nokian TRI 2 320/85R28 – T445579
- Nokian TRI 2 250/80R16 – T845495
- Nokian TRI 2 340/80R18 – T445391
- Nokian TRI 2 360/80R20 – T445389
- Nokian TRI 2 300/80R24 – T445419
- Nokian TRI 2 340/80R24 – T445376
- Nokian TRI 2 360/80R24 – T445378
- Nokian TRI 2 400/80R24 – T445372
- Nokian TRI 2 440/80R24 – T445385
- Nokian TRI 2 360/80R28 – T445550
- Nokian TRI 2 400/80R28 – T445383
- Nokian TRI 2 440/80R28 – T445337
- Nokian TRI 2 440/80R30 – T445384
- Nokian TRI 2 480/80R30 – T445386
- Nokian TRI 2 440/80R34 – T445369
- Nokian TRI 2 480/80R34 – T445370
- Nokian TRI 2 480/80R38 – T445377
- Nokian TRI 2 540/80R38 – T445338
- Nokian TRI 2 620/80R42 – T445518
- Nokian TRI 2 270/75R15 – T845538
- Nokian TRI 2 250/75R16 – T845539
- Nokian TRI 2 360/70R20 – T445569
- Nokian TRI 2 500/70R24 – T445467
- Nokian TRI 2 600/70R30 – T445657
- Nokian TRI 2 710/70R42 – T445655
- Nokian TRI 2 420/65R24 – T445392
- Nokian TRI 2 460/65R24 – T445393
- Nokian TRI 2 540/65R24 – T445420
- Nokian TRI 2 480/65R28 – T445444
- Nokian TRI 2 540/65R28 – T445442
- Nokian TRI 2 540/65R30 – T445371
- Nokian TRI 2 600/65R34 – T445656
- Nokian TRI 2 600/65R38 – T445445
- Nokian TRI 2 650/65R38 – T445443
- Nokian TRI 2 650/65R42 – T445390

## Size equivalency

| Nokian TRI 2 dimension | Standard size |
|---|---|
| 250/80R16 | 7.5R16 |
| 340/80R18 | 12.5R18 |
| 360/80R20 | 14.5R20 |
| 300/80R24 | 11.2R24 |
| 340/80R24 | 12.4R24 |
| 360/80R24 | 13.6R24 |
| 400/80R24 | 14.9R24 |
| 440/80R24 | 16.9R24 |
| 360/80R28 | 13.6R28 |
| 400/80R28 | 14.9R28 |
| 440/80R28 | 16.9R28 |
| 440/80R30 | 16.9R30 |
| 480/80R30 | 18.4R30 |
| 440/80R34 | 16.9R34 |
| 480/80R34 | 18.4R34 |
| 480/80R38 | 18.4R38 |
| 540/80R38 | 20.8R38 |
| 620/80R42 | N.A. |
| 270/75R15 | N.A. |
| 250/75R16 | N.A. |
| 500/70R24 | 19.5LR24 |

**Notice!**
Equivalent sizes can be found only on 80 and 70 series tires.

# NOKIAN HAKKAPELIITTA TRI




## Precise control and great efficiency

The first winter tire for tractors, Nokian Hakkapeliitta TRI, gives you all the grip you can get. Featuring all new rubber compound, tread pattern and contact profile, it's designed for single purpose: to give you all the grip, control and efficiency you need for demanding winter contracting.

- Precise control and great efficiency
- Driving comfort on class on its own
- Superior traction and lateral grip



## Sizes

- Nokian Hakkapeliitta TRI 340/80R18 – T445665
- Nokian Hakkapeliitta TRI 360/80R20 – T445666
- Nokian Hakkapeliitta TRI 360/80R24 – T445587
- Nokian Hakkapeliitta TRI 400/80R24 – T445582
- Nokian Hakkapeliitta TRI 440/80R24 – T445634
- Nokian Hakkapeliitta TRI 400/80R28 – T445584
- Nokian Hakkapeliitta TRI 440/80R28 – T445563
- Nokian Hakkapeliitta TRI 440/80R34 – T445588
- Nokian Hakkapeliitta TRI 480/80R34 – T445583
- Nokian Hakkapeliitta TRI 480/80R38 – T445585
- Nokian Hakkapeliitta TRI 540/80R38 – T445564
- Nokian Hakkapeliitta TRI 400/70R20 – T445636
- Nokian Hakkapeliitta TRI 460/70R24 – T445669
- Nokian Hakkapeliitta TRI 500/70R24 – T445671
- Nokian Hakkapeliitta TRI 540/70R24 – T445672
- Nokian Hakkapeliitta TRI 420/65R24 – T445586
- Nokian Hakkapeliitta TRI 540/65R30 – T445609
- Nokian Hakkapeliitta TRI 650/65R42 – T445595
- Nokian Hakkapeliitta TRI 400/60R18 – T445667



# Nokian Hakkapeliitta TRI 340/80R18 – T445665

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445665 | 340/80R18 | 138 D | 11 | - | 340 | 13 | 1 001 | 39.4 | 452 | 17.8 | 3 031 | 119.3 | 475 | 4.0 | 58 | | | 2 715 | 4 935 | | | 2 360 | 4 290 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 875 | 4 125 | 2 440 | 5 370 | 2 955 | 6 505 | 3 485 | 7 665 | 4 090 | 9 000 | 4 620 | 10 165 | 5 150 | 11 325 | 5 595 | 12 315 | 6 230 | 13 705 |
| 5 | 3 | 1 185 | 2 610 | 1 545 | 3 400 | 1 870 | 4 115 | 2 205 | 4 850 | 2 590 | 5 695 | 2 925 | 6 430 | 3 255 | 7 165 | 3 540 | 7 790 | 3 940 | 8 670 |
| 10 | 6 | 1 020 | 2 250 | 1 330 | 2 930 | 1 615 | 3 550 | 1 900 | 4 180 | 2 230 | 4 910 | 2 520 | 5 545 | 2 810 | 6 180 | 3 055 | 6 715 | 3 400 | 7 475 |
| 20 | 12 | 895 | 1 970 | 1 165 | 2 565 | 1 410 | 3 105 | 1 665 | 3 660 | 1 955 | 4 295 | 2 205 | 4 850 | 2 455 | 5 405 | 2 670 | 5 875 | 2 975 | 6 540 |
| 25 | 16 | 865 | 1 905 | 1 130 | 2 485 | 1 365 | 3 005 | 1 610 | 3 545 | 1 890 | 4 160 | 2 135 | 4 695 | 2 380 | 5 235 | 2 585 | 5 690 | 2 880 | 6 335 |
| 30 | 19 | 850 | 1 875 | 1 110 | 2 440 | 1 345 | 2 955 | 1 585 | 3 485 | 1 860 | 4 090 | 2 100 | 4 620 | 2 340 | 5 150 | 2 545 | 5 595 | 2 830 | 6 230 |
| 35 | 22 | 840 | 1 845 | 1 090 | 2 400 | 1 320 | 2 910 | 1 560 | 3 425 | 1 830 | 4 025 | 2 065 | 4 545 | 2 300 | 5 060 | 2 500 | 5 505 | 2 785 | 6 125 |
| 40 | 25 | 815 | 1 795 | 1 065 | 2 340 | 1 290 | 2 835 | 1 520 | 3 340 | 1 785 | 3 920 | 2 015 | 4 430 | 2 245 | 4 935 | 2 440 | 5 365 | 2 715 | 5 970 |
| 45 | 28 | 795 | 1 750 | 1 035 | 2 280 | 1 255 | 2 760 | 1 480 | 3 250 | 1 735 | 3 820 | 1 960 | 4 310 | 2 185 | 4 805 | 2 375 | 5 225 | 2 645 | 5 815 |
| 50 | 31 | 765 | 1 685 | 1 000 | 2 200 | 1 210 | 2 660 | 1 425 | 3 135 | 1 675 | 3 685 | 1 890 | 4 160 | 2 105 | 4 635 | 2 290 | 5 035 | 2 550 | 5 605 |
| 65 | 40 | 710 | 1 562 | 925 | 2 035 | 1 120 | 2 464 | 1 320 | 2 904 | 1 550 | 3 410 | 1 750 | 3 850 | 1 950 | 4 290 | 2 120 | 4 664 | 2 360 | 5 192 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 140 | 37 | 105 | 28 | 86 | 23 | 44 | 97 | 130 | 286 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian Hakkapeliitta TRI 360/80R20 – T445666

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445666 | 360/80R20 | 143 D | 11 | - | 360 | 14 | 1 093 | 43.0 | 493 | 19.4 | 3 311 | 130.4 | 525 | 4.0 | 58 | | | 3 135 | 5 665 | | | 2 725 | 4 928 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 180 | 4 790 | 2 800 | 6 155 | 3 390 | 7 465 | 3 960 | 8 710 | 4 620 | 10 165 | 5 280 | 11 615 | 5 915 | 13 010 | 6 415 | 14 115 | 7 195 | 15 825 |
| 5 | 3 | 1 380 | 3 030 | 1 770 | 3 895 | 2 145 | 4 720 | 2 505 | 5 510 | 2 925 | 6 430 | 3 340 | 7 350 | 3 740 | 8 230 | 4 060 | 8 930 | 4 550 | 10 010 |
| 10 | 6 | 1 190 | 2 615 | 1 525 | 3 360 | 1 850 | 4 070 | 2 160 | 4 750 | 2 520 | 5 545 | 2 880 | 6 335 | 3 225 | 7 095 | 3 500 | 7 700 | 3 925 | 8 635 |
| 20 | 12 | 1 040 | 2 285 | 1 335 | 2 940 | 1 620 | 3 560 | 1 890 | 4 160 | 2 205 | 4 850 | 2 520 | 5 545 | 2 820 | 6 210 | 3 060 | 6 735 | 3 435 | 7 555 |
| 25 | 16 | 1 005 | 2 215 | 1 295 | 2 845 | 1 570 | 3 450 | 1 830 | 4 025 | 2 135 | 4 695 | 2 440 | 5 370 | 2 735 | 6 010 | 2 965 | 6 520 | 3 325 | 7 315 |
| 30 | 19 | 990 | 2 180 | 1 270 | 2 800 | 1 540 | 3 390 | 1 800 | 3 960 | 2 100 | 4 620 | 2 400 | 5 280 | 2 690 | 5 915 | 2 915 | 6 415 | 3 270 | 7 195 |
| 35 | 22 | 975 | 2 140 | 1 250 | 2 750 | 1 515 | 3 335 | 1 770 | 3 895 | 2 065 | 4 545 | 2 360 | 5 190 | 2 645 | 5 815 | 2 865 | 6 310 | 3 215 | 7 075 |
| 40 | 25 | 950 | 2 085 | 1 220 | 2 680 | 1 480 | 3 250 | 1 725 | 3 795 | 2 015 | 4 430 | 2 300 | 5 060 | 2 575 | 5 665 | 2 795 | 6 150 | 3 135 | 6 895 |
| 45 | 28 | 925 | 2 035 | 1 185 | 2 610 | 1 440 | 3 165 | 1 680 | 3 695 | 1 960 | 4 310 | 2 240 | 4 930 | 2 510 | 5 520 | 2 720 | 5 990 | 3 050 | 6 715 |
| 50 | 31 | 890 | 1 960 | 1 145 | 2 520 | 1 390 | 3 055 | 1 620 | 3 565 | 1 890 | 4 160 | 2 160 | 4 750 | 2 420 | 5 320 | 2 625 | 5 775 | 2 945 | 6 475 |
| 65 | 40 | 825 | 1 815 | 1 060 | 2 332 | 1 285 | 2 827 | 1 500 | 3 300 | 1 750 | 3 850 | 2 000 | 4 400 | 2 240 | 4 928 | 2 430 | 5 346 | 2 725 | 5 995 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 48 | 135 | 36 | 111 | 29 | 56 | 124 | 167 | 368 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55093 | TR218 A |



# Nokian Hakkapeliitta TRI 360/80R24 – T445587

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445587 | 360/80R24 | 138 D | DW11 | DW10, DW12, DW13 | 357 | 14.1 | 1 186 | 46.7 | 543 | 21.4 | 3 600 | 141.7 | 575 | 320 | 46 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 370 | 5 225 | 3 040 | 6 700 | 3 680 | 8 115 | 4 380 | 9 655 | 5 020 | 11 065 | 6 300 | 13 890 |
| 5 | 2.5 | 1 500 | 3 305 | 1 920 | 4 235 | 2 320 | 5 115 | 2 760 | 6 085 | 3 180 | 7 010 | 3 960 | 8 730 |
| 10 | 5 | 1 290 | 2 845 | 1 650 | 3 640 | 2 000 | 4 410 | 2 380 | 5 245 | 2 730 | 6 020 | 3 420 | 7 540 |
| 15 | 10 | 1 170 | 2 580 | 1 500 | 3 305 | 1 810 | 3 990 | 2 150 | 4 740 | 2 470 | 5 445 | 3 080 | 6 790 |
| 20 | 12.5 | 1 130 | 2 490 | 1 440 | 3 175 | 1 750 | 3 860 | 2 080 | 4 585 | 2 380 | 5 245 | 2 970 | 6 550 |
| 25 | 15 | 1 100 | 2 425 | 1 400 | 3 085 | 1 700 | 3 750 | 2 020 | 4 455 | 2 320 | 5 115 | 2 890 | 6 370 |
| 30 | 20 | 1 080 | 2 380 | 1 380 | 3 040 | 1 670 | 3 680 | 1 980 | 4 365 | 2 270 | 5 005 | 2 840 | 6 260 |
| 35 | 22.5 | 1 060 | 2 335 | 1 350 | 2 975 | 1 640 | 3 615 | 1 940 | 4 275 | 2 230 | 4 915 | 2 780 | 6 130 |
| 40 | 25 | 1 030 | 2 270 | 1 320 | 2 910 | 1 600 | 3 525 | 1 900 | 4 190 | 2 180 | 4 805 | 2 725 | 6 010 |
| 45 | 28 | - | - | 1 280 | 2 820 | 1 560 | 3 440 | 1 850 | 4 080 | 2 120 | 4 675 | 2 650 | 5 840 |
| 50 | 30 | - | - | 1 250 | 2 755 | 1 510 | 3 330 | 1 790 | 3 945 | 2 050 | 4 520 | 2 570 | 5 665 |
| 65 | 40 | - | - | 1 150 | 2 535 | 1 400 | 3 085 | 1 650 | 3 640 | 1 900 | 4 190 | 2 360 | 5 205 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 205 | 54 | 155 | 41 | 126 | 33 | 64 | 140 | 190 | 420 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55105 | TR 218A |



# Nokian Hakkapeliitta TRI 400/80R24 – T445582

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445582 | 400/80R24 | 144 D | DW13 | DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 567 | 22.3 | 3 770 | 148.4 | 600 | 320 | 46 | 3 380 | 7 450 | 3 250 | 7 165 | 3 060 | 6 745 | 2 800 | 6 175 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 800 | 6 175 | 3 580 | 7 890 | 4 380 | 9 655 | 5 160 | 11 375 | 5 940 | 13 095 | 7 500 | 16 535 |
| 5 | 2.5 | 1 770 | 3 900 | 2 250 | 4 960 | 2 760 | 6 085 | 3 260 | 7 185 | 3 740 | 8 245 | 4 720 | 10 405 |
| 10 | 5 | 1 520 | 3 350 | 1 940 | 4 275 | 2 380 | 5 245 | 2 800 | 6 175 | 3 220 | 7 100 | 4 080 | 8 995 |
| 15 | 10 | 1 380 | 3 040 | 1 760 | 3 880 | 2 150 | 4 740 | 2 540 | 5 600 | 2 910 | 6 415 | 3 680 | 8 115 |
| 20 | 12.5 | 1 330 | 2 930 | 1 690 | 3 725 | 2 080 | 4 585 | 2 450 | 5 400 | 2 810 | 6 195 | 3 560 | 7 850 |
| 25 | 15 | 1 290 | 2 845 | 1 650 | 3 640 | 2 020 | 4 455 | 2 380 | 5 245 | 2 730 | 6 020 | 3 460 | 7 630 |
| 30 | 20 | 1 270 | 2 800 | 1 620 | 3 570 | 1 980 | 4 365 | 2 330 | 5 135 | 2 680 | 5 910 | 3 380 | 7 450 |
| 35 | 22.5 | 1 240 | 2 735 | 1 590 | 3 505 | 1 940 | 4 275 | 2 290 | 5 050 | 2 630 | 5 800 | 3 320 | 7 320 |
| 40 | 25 | 1 215 | 2 680 | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 575 | 5 675 | 3 250 | 7 165 |
| 45 | 28 | - | - | 1 510 | 3 330 | 1 850 | 4 080 | 2 180 | 4 805 | 2 500 | 5 510 | 3 160 | 6 965 |
| 50 | 30 | - | - | 1 460 | 3 220 | 1 790 | 3 945 | 2 110 | 4 650 | 2 430 | 5 355 | 3 060 | 6 745 |
| 65 | 40 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 265 | 70 | 200 | 53 | 163 | 43 | 83 | 185 | 246 | 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian Hakkapeliitta TRI 440/80R24 – T445634

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445634 | 440/80R24 | 149 D | DW14L | DW15L | 435 | 17.1 | 1 294 | 50.9 | 585 | 23.0 | 3 921 | 154.4 | 625 | 320 | 46 | | | 3 740 | 8 225 | | | 3 250 | 7 150 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 210 | 7 055 | 4 090 | 9 000 | 5 015 | 11 035 | 5 915 | 13 010 | 6 800 | 14 955 | 7 920 | 17 425 | 8 580 | 18 875 |
| 5 | 3 | 2 030 | 4 465 | 2 590 | 5 695 | 3 175 | 6 980 | 3 740 | 8 230 | 4 300 | 9 460 | 5 010 | 11 020 | 5 430 | 11 940 |
| 10 | 6 | 1 750 | 3 850 | 2 230 | 4 910 | 2 735 | 6 020 | 3 225 | 7 095 | 3 710 | 8 160 | 4 320 | 9 505 | 4 680 | 10 295 |
| 20 | 12 | 1 530 | 3 370 | 1 955 | 4 295 | 2 395 | 5 265 | 2 820 | 6 210 | 3 245 | 7 140 | 3 780 | 8 315 | 4 095 | 9 010 |
| 25 | 16 | 1 480 | 3 260 | 1 890 | 4 160 | 2 320 | 5 100 | 2 735 | 6 010 | 3 140 | 6 910 | 3 660 | 8 050 | 3 965 | 8 725 |
| 30 | 19 | 1 460 | 3 210 | 1 860 | 4 090 | 2 280 | 5 015 | 2 690 | 5 915 | 3 090 | 6 800 | 3 600 | 7 920 | 3 900 | 8 580 |
| 35 | 22 | 1 435 | 3 155 | 1 830 | 4 025 | 2 240 | 4 930 | 2 645 | 5 815 | 3 040 | 6 685 | 3 540 | 7 790 | 3 835 | 8 435 |
| 40 | 25 | 1 395 | 3 075 | 1 785 | 3 920 | 2 185 | 4 805 | 2 575 | 5 665 | 2 960 | 6 515 | 3 450 | 7 590 | 3 740 | 8 225 |
| 45 | 28 | 1 360 | 2 995 | 1 735 | 3 820 | 2 130 | 4 680 | 2 510 | 5 520 | 2 885 | 6 345 | 3 360 | 7 390 | 3 640 | 8 010 |
| 50 | 31 | | | | | 2 050 | 4 515 | 2 420 | 5 320 | 2 780 | 6 120 | 3 240 | 7 130 | 3 510 | 7 720 |
| 65 | 40 | | | | | 1 900 | 4 180 | 2 240 | 4 928 | 2 575 | 5 665 | 3 000 | 6 600 | 3 250 | 7 150 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 325 | 86 | 244 | 64 | 200 | 53 | 102 | 224 | 302 | 664 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian Hakkapeliitta TRI 400/80R28 – T445584

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445584 | 400/80R28 | 146 D | DW13 | DW12, DW14L | 404 | 15,9 | 1 351 | 53,2 | 617 | 24,3 | 4 103 | 161,5 | 650 | 320 | 46 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 960 | 6 525 | 3 800 | 8 375 | 4 600 | 10 140 | 5 440 | 11 995 | 6 300 | 13 890 | 7 950 | 17 525 |
| 5 | 2.5 | 1 870 | 4 125 | 2 400 | 5 290 | 2 900 | 6 395 | 3 440 | 7 585 | 3 960 | 8 730 | 5 020 | 11 065 |
| 10 | 5 | 1 610 | 3 550 | 2 070 | 4 565 | 2 500 | 5 510 | 2 950 | 6 505 | 3 420 | 7 540 | 4 320 | 9 525 |
| 15 | 10 | 1 460 | 3 220 | 1 870 | 4 125 | 2 260 | 4 980 | 2 670 | 5 885 | 3 080 | 6 790 | 3 900 | 8 600 |
| 20 | 12.5 | 1 410 | 3 110 | 1 800 | 3 970 | 2 180 | 4 805 | 2 580 | 5 690 | 2 970 | 6 550 | 3 780 | 8 335 |
| 25 | 15 | 1 370 | 3 020 | 1 750 | 3 860 | 2 120 | 4 675 | 2 510 | 5 535 | 2 890 | 6 370 | 3 660 | 8 070 |
| 30 | 20 | 1 340 | 2 955 | 1 720 | 3 790 | 2 080 | 4 585 | 2 460 | 5 425 | 2 840 | 6 260 | 3 600 | 7 935 |
| 35 | 22.5 | 1 320 | 2 910 | 1 690 | 3 725 | 2 040 | 4 495 | 2 410 | 5 315 | 2 780 | 6 130 | 3 520 | 7 760 |
| 40 | 25 | 1 285 | 2 835 | 1 650 | 3 640 | 2 000 | 4 410 | 2 360 | 5 205 | 2 725 | 6 010 | 3 450 | 7 605 |
| 45 | 28 | - | - | 1 610 | 3 550 | 1 940 | 4 275 | 2 290 | 5 050 | 2 650 | 5 840 | 3 360 | 7 405 |
| 50 | 30 | - | - | 1 560 | 3 440 | 1 880 | 4 145 | 2 220 | 4 895 | 2 570 | 5 665 | 3 260 | 7 185 |
| 65 | 40 | - | - | 1 450 | 3 195 | 1 750 | 3 860 | 2 060 | 4 540 | 2 360 | 5 205 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 295 | 78 | 220 | 58 | 182 | 48 | 93 | 205 | 274 | 605 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55351 | TR 218A |



# Nokian Hakkapeliitta TRI 440/80R28 – T445563

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445563 | 440/80R28 | 151 D | DW14L | DW15L, DW16L | 441 | 17,4 | 1 415 | 55,7 | 640 | 25,2 | 4 285 | 168,7 | 675 | 320 | 46 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 460 | 7 630 | 4 380 | 9 655 | 5 440 | 11 995 | 6 450 | 14 220 | 7 250 | 15 985 | 9 200 | 20 280 |
| 5 | 2.5 | 2 180 | 4 805 | 2 760 | 6 085 | 3 440 | 7 585 | 4 060 | 8 950 | 4 580 | 10 095 | 5 800 | 12 785 |
| 10 | 5 | 1 880 | 4 145 | 2 380 | 5 245 | 2 950 | 6 505 | 3 500 | 7 715 | 3 940 | 8 685 | 5 000 | 11 025 |
| 15 | 10 | 1 700 | 3 750 | 2 150 | 4 740 | 2 670 | 5 885 | 3 180 | 7 010 | 3 560 | 7 850 | 4 520 | 9 965 |
| 20 | 12.5 | 1 640 | 3 615 | 2 080 | 4 585 | 2 580 | 5 690 | 3 060 | 6 745 | 3 440 | 7 585 | 4 360 | 9 610 |
| 25 | 15 | 1 590 | 3 505 | 2 020 | 4 455 | 2 510 | 5 535 | 2 970 | 6 550 | 3 340 | 7 365 | 4 240 | 9 350 |
| 30 | 20 | 1 560 | 3 440 | 1 980 | 4 365 | 2 460 | 5 425 | 2 920 | 6 435 | 3 280 | 7 230 | 4 160 | 9 170 |
| 35 | 22.5 | 1 530 | 3 375 | 1 940 | 4 275 | 2 410 | 5 315 | 2 860 | 6 305 | 3 220 | 7 100 | 4 080 | 8 995 |
| 40 | 25 | 1 500 | 3 305 | 1 900 | 4 190 | 2 360 | 5 205 | 2 800 | 6 175 | 3 150 | 6 945 | 4 000 | 8 820 |
| 45 | 28 | - | - | 1 850 | 4 080 | 2 290 | 5 050 | 2 720 | 5 995 | 3 060 | 6 745 | 3 880 | 8 555 |
| 50 | 30 | - | - | 1 790 | 3 945 | 2 220 | 4 895 | 2 640 | 5 820 | 2 970 | 6 550 | 3 760 | 8 290 |
| 65 | 40 | - | - | 1 650 | 3 640 | 2 060 | 4 540 | 2 430 | 5 355 | 2 725 | 6 010 | 3 450 | 7 605 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 365 | 96 | 275 | 73 | 225 | 59 | 115 | 255 | 339 | 745 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55370 | TR 218A |



# Nokian Hakkapeliitta TRI 440/80R34 – T445588

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445588 | 440/80R34 | 155 D | DW14L | DW15L, DW16L | 441 | 17.4 | 1 568 | 61.7 | 718 | 28.3 | 4 763 | 187.5 | 750 | 320 | 46 | 4 560 | 10 055 | 4 375 | 9 645 | 4 120 | 9 085 | 3 875 | 8 545 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 800 | 8 375 | 4 880 | 10 760 | 5 940 | 13 095 | 6 900 | 15 210 | 7 950 | 17 525 | 10 100 | 22 265 |
| 5 | 2.5 | 2 400 | 5 290 | 3 080 | 6 790 | 3 740 | 8 245 | 4 360 | 9 610 | 5 020 | 11 065 | 6 350 | 14 000 |
| 10 | 5 | 2 070 | 4 565 | 2 650 | 5 840 | 3 220 | 7 100 | 3 760 | 8 290 | 4 320 | 9 525 | 5 480 | 12 080 |
| 15 | 10 | 1 870 | 4 125 | 2 400 | 5 290 | 2 910 | 6 415 | 3 400 | 7 495 | 3 900 | 8 600 | 4 960 | 10 935 |
| 20 | 12.5 | 1 800 | 3 970 | 2 320 | 5 115 | 2 810 | 6 195 | 3 280 | 7 230 | 3 780 | 8 335 | 4 780 | 10 540 |
| 25 | 15 | 1 750 | 3 860 | 2 250 | 4 960 | 2 730 | 6 020 | 3 180 | 7 010 | 3 660 | 8 070 | 4 640 | 10 230 |
| 30 | 20 | 1 720 | 3 790 | 2 210 | 4 870 | 2 680 | 5 910 | 3 120 | 6 880 | 3 600 | 7 935 | 4 560 | 10 055 |
| 35 | 22.5 | 1 690 | 3 725 | 2 170 | 4 785 | 2 630 | 5 800 | 3 060 | 6 745 | 3 520 | 7 760 | 4 480 | 9 875 |
| 40 | 25 | 1 650 | 3 640 | 2 120 | 4 675 | 2 575 | 5 675 | 3 000 | 6 615 | 3 450 | 7 605 | 4 375 | 9 645 |
| 45 | 28 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 2 910 | 6 415 | 3 360 | 7 405 | 4 260 | 9 390 |
| 50 | 30 | - | - | 2 000 | 4 410 | 2 430 | 5 355 | 2 820 | 6 215 | 3 260 | 7 185 | 4 120 | 9 085 |
| 65 | 40 | - | - | 1 850 | 4 080 | 2 240 | 4 940 | 2 650 | 5 840 | 3 000 | 6 615 | 3 875 | 8 545 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 420 | 111 | 315 | 83 | 258 | 68 | 132 | 290 | 390 | 860 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55391 | TR 218A |



# Nokian Hakkapeliitta TRI 480/80R34 – T445583

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445583 | 480/80R34 | 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 744 | 29.3 | 4 970 | 195.7 | 775 | 320 | 46 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 27 | 34 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 260 | 9 390 | 5 440 | 11 995 | 6 700 | 14 770 | 7 950 | 17 525 | 9 200 | 20 280 | 11 500 | 25 355 |
| 5 | 2.5 | 2 690 | 5 930 | 3 440 | 7 585 | 4 220 | 9 305 | 5 020 | 11 065 | 5 800 | 12 785 | 7 250 | 15 985 |
| 10 | 5 | 2 320 | 5 115 | 2 950 | 6 505 | 3 640 | 8 025 | 4 320 | 9 525 | 5 000 | 11 025 | 6 250 | 13 780 |
| 15 | 10 | 2 100 | 4 630 | 2 670 | 5 885 | 3 280 | 7 230 | 3 900 | 8 600 | 4 520 | 9 965 | 5 660 | 12 480 |
| 20 | 12.5 | 2 020 | 4 455 | 2 580 | 5 690 | 3 180 | 7 010 | 3 780 | 8 335 | 4 360 | 9 610 | 5 460 | 12 035 |
| 25 | 15 | 1 970 | 4 345 | 2 510 | 5 535 | 3 080 | 6 790 | 3 660 | 8 070 | 4 240 | 9 350 | 5 300 | 11 685 |
| 30 | 20 | 1 930 | 4 255 | 2 460 | 5 425 | 3 020 | 6 660 | 3 600 | 7 935 | 4 160 | 9 170 | 5 200 | 11 465 |
| 35 | 22.5 | 1 890 | 4 165 | 2 410 | 5 315 | 2 960 | 6 525 | 3 520 | 7 760 | 4 080 | 8 995 | 5 100 | 11 245 |
| 40 | 25 | 1 850 | 4 080 | 2 360 | 5 205 | 2 900 | 6 395 | 3 450 | 7 605 | 4 000 | 8 820 | 5 000 | 11 025 |
| 45 | 28 | - | - | 2 290 | 5 050 | 2 820 | 6 215 | 3 360 | 7 405 | 3 880 | 8 555 | 4 860 | 10 715 |
| 50 | 30 | - | - | 2 220 | 4 895 | 2 730 | 6 020 | 3 260 | 7 185 | 3 760 | 8 290 | 4 700 | 10 360 |
| 65 | 40 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 3 000 | 6 615 | 3 450 | 7 605 | 4 375 | 9 645 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 515 | 136 | 385 | 102 | 317 | 84 | 162 | 355 | 478 | 1 055 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55391 | TR 218A |



# Nokian Hakkapeliitta TRI 480/80R38 – T445585

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445585 | 480/80R38 | 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 792 | 31.2 | 5 284 | 208.0 | 825 | 320 | 46 | 5 520 | 12 170 | 5 300 | 11 685 | 5 000 | 11 025 | 4 625 | 10 195 | 27 | 34 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 500 | 9 920 | 5 760 | 12 700 | 7 100 | 15 655 | 8 400 | 18 520 | 9 800 | 21 605 | 12 200 | 26 895 |
| 5 | 2.5 | 2 830 | 6 240 | 3 640 | 8 025 | 4 460 | 9 835 | 5 300 | 11 685 | 6 200 | 13 670 | 7 700 | 16 975 |
| 10 | 5 | 2 440 | 5 380 | 3 140 | 6 920 | 3 860 | 8 510 | 4 580 | 10 095 | 5 320 | 11 730 | 6 650 | 14 660 |
| 15 | 10 | 2 210 | 4 870 | 2 830 | 6 240 | 3 480 | 7 670 | 4 140 | 9 125 | 4 820 | 10 625 | 6 000 | 13 230 |
| 20 | 12.5 | 2 130 | 4 695 | 2 730 | 6 020 | 3 360 | 7 405 | 3 980 | 8 775 | 4 640 | 10 230 | 5 780 | 12 745 |
| 25 | 15 | 2 070 | 4 565 | 2 650 | 5 840 | 3 260 | 7 185 | 3 880 | 8 555 | 4 520 | 9 965 | 5 620 | 12 390 |
| 30 | 20 | 2 030 | 4 475 | 2 600 | 5 730 | 3 200 | 7 055 | 3 800 | 8 375 | 4 420 | 9 745 | 5 520 | 12 170 |
| 35 | 22.5 | 1 990 | 4 385 | 2 550 | 5 620 | 3 140 | 6 920 | 3 740 | 8 245 | 4 340 | 9 570 | 5 420 | 11 950 |
| 40 | 25 | 1 950 | 4 300 | 2 500 | 5 510 | 3 075 | 6 780 | 3 650 | 8 045 | 4 250 | 9 370 | 5 300 | 11 685 |
| 45 | 28 | - | - | 2 430 | 5 355 | 2 990 | 6 590 | 3 560 | 7 850 | 4 140 | 9 125 | 5 160 | 11 375 |
| 50 | 30 | - | - | 2 350 | 5 180 | 2 900 | 6 395 | 3 440 | 7 585 | 4 000 | 8 820 | 5 000 | 11 025 |
| 65 | 40 | - | - | 2 180 | 4 805 | 2 725 | 6 010 | 3 150 | 6 945 | 3 750 | 8 265 | 4 625 | 10 195 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 560 | 148 | 420 | 111 | 345 | 91 | 176 | 390 | 520 | 1 145 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55430 | TR 218A |



# Nokian Hakkapeliitta TRI 540/80R38 – T445564

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445564 | 540/80R38 | 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 832 | 32.8 | 5 566 | 219.1 | 875 | 320 | 46 | 6 600 | 14 550 | 6 300 | 13 890 | 5 940 | 13 095 | 5 450 | 12 015 | 27 | 34 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 440 | 11 995 | 6 900 | 15 210 | 8 400 | 18 520 | 10 100 | 22 265 | 11 500 | 25 355 | 14 500 | 31 965 |
| 5 | 2.5 | 3 440 | 7 585 | 4 360 | 9 610 | 5 300 | 11 685 | 6 350 | 14 000 | 7 250 | 15 985 | 9 150 | 20 170 |
| 10 | 5 | 2 950 | 6 505 | 3 760 | 8 290 | 4 580 | 10 095 | 5 480 | 12 080 | 6 250 | 13 780 | 7 900 | 17 415 |
| 15 | 10 | 2 670 | 5 885 | 3 400 | 7 495 | 4 140 | 9 125 | 4 960 | 10 935 | 5 660 | 12 480 | 7 150 | 15 765 |
| 20 | 12.5 | 2 580 | 5 690 | 3 280 | 7 230 | 3 980 | 8 775 | 4 780 | 10 540 | 5 460 | 12 035 | 6 900 | 15 210 |
| 25 | 15 | 2 510 | 5 535 | 3 180 | 7 010 | 3 880 | 8 555 | 4 640 | 10 230 | 5 300 | 11 685 | 6 700 | 14 770 |
| 30 | 20 | 2 460 | 5 425 | 3 120 | 6 880 | 3 800 | 8 375 | 4 560 | 10 055 | 5 200 | 11 465 | 6 600 | 14 550 |
| 35 | 22.5 | 2 410 | 5 315 | 3 060 | 6 745 | 3 740 | 8 245 | 4 480 | 9 875 | 5 100 | 11 245 | 6 450 | 14 220 |
| 40 | 25 | 2 360 | 5 205 | 3 000 | 6 615 | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 6 300 | 13 890 |
| 45 | 28 | - | - | 2 910 | 6 415 | 3 560 | 7 850 | 4 260 | 9 390 | 4 860 | 10 715 | 6 150 | 13 560 |
| 50 | 30 | - | - | 2 820 | 6 215 | 3 440 | 7 585 | 4 120 | 9 085 | 4 700 | 10 360 | 5 940 | 13 095 |
| 65 | 40 | - | - | 2 650 | 5 840 | 3 150 | 6 945 | 3 875 | 8 545 | 4 375 | 9 645 | 5 450 | 12 015 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 740 | 196 | 555 | 147 | 455 | 120 | 232 | 510 | 688 | 1 515 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55445 | TR 218A |



# Nokian Hakkapeliitta TRI 400/70R20 – T445636

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445636 | 400/70R20 | 144 D | 13 | - | 400 | 16 | 1 072 | 42.2 | 485 | 19.1 | 3 231 | 127.2 | 500 | 400 | 58 | | | 3 220 | 5 820 | | | 2 800 | 5 060 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 245 | 4 935 | 2 880 | 6 330 | 3 590 | 7 900 | 4 225 | 9 295 | 4 885 | 10 745 | 5 440 | 11 965 | 6 070 | 13 360 | 6 800 | 14 955 | 7 390 | 16 260 |
| 5 | 3 | 1 420 | 3 125 | 1 820 | 4 005 | 2 270 | 4 995 | 2 670 | 5 880 | 3 090 | 6 795 | 3 440 | 7 570 | 3 840 | 8 450 | 4 300 | 9 460 | 4 675 | 10 285 |
| 10 | 6 | 1 225 | 2 695 | 1 570 | 3 455 | 1 960 | 4 310 | 2 305 | 5 070 | 2 665 | 5 860 | 2 965 | 6 525 | 3 310 | 7 285 | 3 710 | 8 160 | 4 030 | 8 870 |
| 20 | 12 | 1 070 | 2 355 | 1 375 | 3 020 | 1 715 | 3 770 | 2 015 | 4 435 | 2 330 | 5 130 | 2 595 | 5 710 | 2 900 | 6 375 | 3 245 | 7 140 | 3 530 | 7 760 |
| 25 | 16 | 1 035 | 2 280 | 1 330 | 2 925 | 1 660 | 3 650 | 1 950 | 4 295 | 2 255 | 4 965 | 2 515 | 5 530 | 2 805 | 6 175 | 3 140 | 6 910 | 3 415 | 7 515 |
| 30 | 19 | 1 020 | 2 245 | 1 310 | 2 880 | 1 630 | 3 590 | 1 920 | 4 225 | 2 220 | 4 885 | 2 470 | 5 440 | 2 760 | 6 070 | 3 090 | 6 800 | 3 360 | 7 390 |
| 35 | 22 | 1 005 | 2 205 | 1 285 | 2 830 | 1 605 | 3 530 | 1 890 | 4 155 | 2 185 | 4 805 | 2 430 | 5 350 | 2 715 | 5 970 | 3 040 | 6 685 | 3 305 | 7 270 |
| 40 | 25 | 980 | 2 150 | 1 255 | 2 760 | 1 565 | 3 440 | 1 840 | 4 050 | 2 130 | 4 680 | 2 370 | 5 210 | 2 645 | 5 820 | 2 960 | 6 515 | 3 220 | 7 085 |
| 45 | 28 | 950 | 2 095 | 1 220 | 2 685 | 1 525 | 3 350 | 1 790 | 3 940 | 2 070 | 4 560 | 2 305 | 5 075 | 2 575 | 5 665 | 2 885 | 6 345 | 3 135 | 6 900 |
| 50 | 31 | | | | | 1 470 | 3 230 | 1 730 | 3 800 | 2 000 | 4 395 | 2 225 | 4 895 | 2 485 | 5 465 | 2 780 | 6 120 | 3 025 | 6 655 |
| 65 | 40 | | | | | 1 360 | 2 992 | 1 600 | 3 520 | 1 850 | 4 070 | 2 060 | 4 532 | 2 300 | 5 060 | 2 575 | 5 665 | 2 800 | 6 160 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 180 | 48 | 135 | 36 | 111 | 29 | 56 | 124 | 167 | 368 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian Hakkapeliitta TRI 460/70R24 – T445669

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445669 | 460/70R24 | 161 D | DW14L | DW15L | 460 | 18 | 1 255 | 49.4 | 557 | 21.9 | 3 792 | 149.3 | 600 | 500 | 73 | | | 5 320 | 7 970 | | | 4 625 | 6 930 | 30 | 38 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 035 | 6 680 | 3 960 | 8 710 | 4 750 | 10 455 | 5 595 | 12 315 | 6 600 | 14 520 | 7 390 | 16 260 | 8 315 | 18 295 | 9 110 | 20 040 | 9 900 | 21 780 | 11 220 | 24 685 | 12 210 | 26 860 |
| 5 | 3 | 1 920 | 4 225 | 2 505 | 5 510 | 3 005 | 6 615 | 3 540 | 7 790 | 4 175 | 9 185 | 4 675 | 10 285 | 5 260 | 11 575 | 5 760 | 12 675 | 6 265 | 13 780 | 7 100 | 15 615 | 7 725 | 16 990 |
| 10 | 6 | 1 655 | 3 645 | 2 160 | 4 750 | 2 590 | 5 700 | 3 055 | 6 715 | 3 600 | 7 920 | 4 030 | 8 870 | 4 535 | 9 980 | 4 970 | 10 930 | 5 400 | 11 880 | 6 120 | 13 465 | 6 660 | 14 650 |
| 20 | 12 | 1 450 | 3 190 | 1 890 | 4 160 | 2 270 | 4 990 | 2 670 | 5 875 | 3 150 | 6 930 | 3 530 | 7 760 | 3 970 | 8 730 | 4 345 | 9 565 | 4 725 | 10 395 | 5 355 | 11 780 | 5 830 | 12 820 |
| 25 | 16 | 1 405 | 3 085 | 1 830 | 4 025 | 2 195 | 4 830 | 2 585 | 5 690 | 3 050 | 6 710 | 3 415 | 7 515 | 3 845 | 8 455 | 4 210 | 9 260 | 4 575 | 10 065 | 5 185 | 11 405 | 5 645 | 12 415 |
| 30 | 19 | 1 380 | 3 035 | 1 800 | 3 960 | 2 160 | 4 750 | 2 545 | 5 595 | 3 000 | 6 600 | 3 360 | 7 390 | 3 780 | 8 315 | 4 140 | 9 110 | 4 500 | 9 900 | 5 100 | 11 220 | 5 550 | 12 210 |
| 35 | 22 | 1 355 | 2 985 | 1 770 | 3 895 | 2 125 | 4 675 | 2 500 | 5 505 | 2 950 | 6 490 | 3 305 | 7 270 | 3 715 | 8 175 | 4 070 | 8 955 | 4 425 | 9 735 | 5 015 | 11 035 | 5 460 | 12 005 |
| 40 | 25 | 1 325 | 2 910 | 1 725 | 3 795 | 2 070 | 4 555 | 2 440 | 5 365 | 2 875 | 6 325 | 3 220 | 7 085 | 3 625 | 7 970 | 3 970 | 8 730 | 4 315 | 9 490 | 4 890 | 10 755 | 5 320 | 11 700 |
| 45 | 28 | 1 290 | 2 835 | 1 680 | 3 695 | 2 015 | 4 435 | 2 375 | 5 225 | 2 800 | 6 160 | 3 135 | 6 900 | 3 530 | 7 760 | 3 865 | 8 500 | 4 200 | 9 240 | 4 760 | 10 470 | 5 180 | 11 395 |
| 50 | 31 | 1 240 | 2 730 | 1 620 | 3 565 | 1 945 | 4 275 | 2 290 | 5 035 | 2 700 | 5 940 | 3 025 | 6 655 | 3 400 | 7 485 | 3 725 | 8 195 | 4 050 | 8 910 | 4 590 | 10 100 | 4 995 | 10 990 |
| 65 | 40 | 1 150 | 2 530 | 1 500 | 3 300 | 1 800 | 3 960 | 2 120 | 4 664 | 2 500 | 5 500 | 2 800 | 6 160 | 3 150 | 6 930 | 3 450 | 7 590 | 3 750 | 8 250 | 4 250 | 9 350 | 4 625 | 10 175 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 290 | 77 | 218 | 57 | 178 | 47 | 91 | 200 | 269 | 593 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian Hakkapeliitta TRI 500/70R24 – T445671

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445671 | 500/70R24 | 166 D | DW16L | - | 500 | 20 | 1 314 | 51.7 | 580 | 22.8 | 3 971 | 156.3 | 625 | 500 | 73 | | | 6 095 | 13 410 | | | 5 300 | 11 660 | 30 | 38 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 485 | 7 665 | 4 490 | 9 875 | 5 440 | 11 965 | 6 415 | 14 115 | 7 390 | 16 260 | 8 315 | 18 295 | 9 370 | 20 620 | 10 560 | 23 230 | 11 550 | 25 410 | 12 540 | 27 590 | 13 990 | 30 780 |
| 5 | 3 | 2 205 | 4 850 | 2 840 | 6 245 | 3 440 | 7 570 | 4 060 | 8 930 | 4 675 | 10 285 | 5 260 | 11 575 | 5 930 | 13 045 | 6 680 | 14 695 | 7 305 | 16 075 | 7 935 | 17 450 | 8 850 | 19 470 |
| 10 | 6 | 1 900 | 4 180 | 2 450 | 5 385 | 2 965 | 6 525 | 3 500 | 7 700 | 4 030 | 8 870 | 4 535 | 9 980 | 5 110 | 11 245 | 5 760 | 12 670 | 6 300 | 13 860 | 6 840 | 15 050 | 7 630 | 16 790 |
| 20 | 12 | 1 665 | 3 660 | 2 140 | 4 710 | 2 595 | 5 710 | 3 060 | 6 735 | 3 530 | 7 760 | 3 970 | 8 730 | 4 475 | 9 840 | 5 040 | 11 090 | 5 515 | 12 130 | 5 985 | 13 165 | 6 680 | 14 690 |
| 25 | 16 | 1 610 | 3 545 | 2 075 | 4 565 | 2 515 | 5 530 | 2 965 | 6 520 | 3 415 | 7 515 | 3 845 | 8 455 | 4 330 | 9 530 | 4 880 | 10 735 | 5 340 | 11 745 | 5 795 | 12 750 | 6 465 | 14 225 |
| 30 | 19 | 1 585 | 3 485 | 2 040 | 4 490 | 2 470 | 5 440 | 2 915 | 6 415 | 3 360 | 7 390 | 3 780 | 8 315 | 4 260 | 9 370 | 4 800 | 10 560 | 5 250 | 11 550 | 5 700 | 12 540 | 6 360 | 13 990 |
| 35 | 22 | 1 560 | 3 425 | 2 005 | 4 415 | 2 430 | 5 350 | 2 865 | 6 310 | 3 305 | 7 270 | 3 715 | 8 175 | 4 190 | 9 215 | 4 720 | 10 385 | 5 165 | 11 360 | 5 605 | 12 330 | 6 255 | 13 760 |
| 40 | 25 | 1 520 | 3 340 | 1 955 | 4 300 | 2 370 | 5 210 | 2 795 | 6 150 | 3 220 | 7 085 | 3 625 | 7 970 | 4 085 | 8 980 | 4 600 | 10 120 | 5 030 | 11 070 | 5 465 | 12 020 | 6 095 | 13 410 |
| 45 | 28 | 1 480 | 3 250 | 1 905 | 4 190 | 2 305 | 5 075 | 2 720 | 5 990 | 3 135 | 6 900 | 3 530 | 7 760 | 3 975 | 8 745 | 4 480 | 9 855 | 4 900 | 10 780 | 5 320 | 11 705 | 5 935 | 13 060 |
| 50 | 31 | 1 425 | 3 135 | 1 835 | 4 040 | 2 225 | 4 895 | 2 625 | 5 775 | 3 025 | 6 655 | 3 400 | 7 485 | 3 835 | 8 435 | 4 320 | 9 505 | 4 725 | 10 395 | 5 130 | 11 285 | 5 725 | 12 595 |
| 65 | 40 | 1 320 | 2 904 | 1 700 | 3 740 | 2 060 | 4 532 | 2 430 | 5 346 | 2 800 | 6 160 | 3 150 | 6 930 | 3 550 | 7 810 | 4 000 | 8 800 | 4 375 | 9 625 | 4 750 | 10 450 | 5 300 | 11 660 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 370 | 98 | 278 | 73 | 228 | 60 | 116 | 255 | 344 | 756 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian Hakkapeliitta TRI 540/70R24 – T445672

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445672 | 540/70R24 | 170 D | DW18L | DW16L | 540 | 21 | 1 367 | 53.8 | 603 | 23.7 | 4 143 | 163.1 | 650 | 500 | 73 | | | 6 900 | 15 180 | | | 6 000 | 13 200 | 30 | 38 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 960 | 8 710 | 5 015 | 11 035 | 6 230 | 13 705 | 7 195 | 15 825 | 8 315 | 18 295 | 9 635 | 21 200 | 10 560 | 23 230 | 11 880 | 26 135 | 12 870 | 28 315 | 14 390 | 31 655 | 15 840 | 34 850 |
| 5 | 3 | 2 505 | 5 510 | 3 175 | 6 980 | 3 940 | 8 670 | 4 550 | 10 010 | 5 260 | 11 575 | 6 095 | 13 410 | 6 680 | 14 695 | 7 515 | 16 535 | 8 140 | 17 910 | 9 100 | 20 025 | 10 020 | 22 045 |
| 10 | 6 | 2 160 | 4 750 | 2 735 | 6 020 | 3 400 | 7 475 | 3 925 | 8 635 | 4 535 | 9 980 | 5 255 | 11 565 | 5 760 | 12 670 | 6 480 | 14 255 | 7 020 | 15 445 | 7 850 | 17 265 | 8 640 | 19 010 |
| 20 | 12 | 1 890 | 4 160 | 2 395 | 5 265 | 2 975 | 6 540 | 3 435 | 7 555 | 3 970 | 8 730 | 4 600 | 10 120 | 5 040 | 11 090 | 5 670 | 12 475 | 6 145 | 13 515 | 6 865 | 15 105 | 7 560 | 16 630 |
| 25 | 16 | 1 830 | 4 025 | 2 320 | 5 100 | 2 880 | 6 335 | 3 325 | 7 315 | 3 845 | 8 455 | 4 455 | 9 795 | 4 880 | 10 735 | 5 490 | 12 080 | 5 950 | 13 085 | 6 650 | 14 630 | 7 320 | 16 105 |
| 30 | 19 | 1 800 | 3 960 | 2 280 | 5 015 | 2 830 | 6 230 | 3 270 | 7 195 | 3 780 | 8 315 | 4 380 | 9 635 | 4 800 | 10 560 | 5 400 | 11 880 | 5 850 | 12 870 | 6 540 | 14 390 | 7 200 | 15 840 |
| 35 | 22 | 1 770 | 3 895 | 2 240 | 4 930 | 2 785 | 6 125 | 3 215 | 7 075 | 3 715 | 8 175 | 4 305 | 9 475 | 4 720 | 10 385 | 5 310 | 11 680 | 5 755 | 12 655 | 6 430 | 14 150 | 7 080 | 15 575 |
| 40 | 25 | 1 725 | 3 795 | 2 185 | 4 805 | 2 715 | 5 970 | 3 135 | 6 895 | 3 625 | 7 970 | 4 200 | 9 235 | 4 600 | 10 120 | 5 175 | 11 385 | 5 605 | 12 335 | 6 270 | 13 790 | 6 900 | 15 180 |
| 45 | 28 | 1 680 | 3 695 | 2 130 | 4 680 | 2 645 | 5 815 | 3 050 | 6 715 | 3 530 | 7 760 | 4 090 | 8 995 | 4 480 | 9 855 | 5 040 | 11 090 | 5 460 | 12 010 | 6 105 | 13 430 | 6 720 | 14 785 |
| 50 | 31 | 1 620 | 3 565 | 2 050 | 4 515 | 2 550 | 5 605 | 2 945 | 6 475 | 3 400 | 7 485 | 3 940 | 8 670 | 4 320 | 9 505 | 4 860 | 10 690 | 5 265 | 11 585 | 5 885 | 12 950 | 6 480 | 14 255 |
| 65 | 40 | 1 500 | 3 300 | 1 900 | 4 180 | 2 360 | 5 192 | 2 725 | 5 995 | 3 150 | 6 930 | 3 650 | 8 030 | 4 000 | 8 800 | 4 500 | 9 900 | 4 875 | 10 725 | 5 450 | 11 990 | 6 000 | 13 200 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 440 | 116 | 330 | 87 | 271 | 72 | 138 | 304 | 409 | 899 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |



# Nokian Hakkapeliitta TRI 420/65R24 – T445586

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445586 | 420/65R24 | 146 D | DW13 | DW12, DW14L, DW15L | 418 | 16.5 | 1 156 | 45.5 | 520 | 20.5 | 3 487 | 137.3 | 550 | 400 | 58 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lb |
| 0 | 0 | 2 370 | 5 225 | 3 140 | 6 920 | 3 800 | 8 375 | 4 500 | 9 920 | 5 160 | 11 375 | 6 450 | 14 220 | 7 950 | 17 525 |
| 5 | 2.5 | 1 500 | 3 305 | 1 980 | 4 365 | 2 400 | 5 290 | 2 830 | 6 240 | 3 260 | 7 185 | 4 060 | 8 950 | 5 020 | 11 065 |
| 10 | 5 | 1 290 | 2 845 | 1 700 | 3 750 | 2 070 | 4 565 | 2 440 | 5 380 | 2 800 | 6 175 | 3 500 | 7 715 | 4 320 | 9 525 |
| 15 | 10 | 1 170 | 2 580 | 1 540 | 3 395 | 1 870 | 4 125 | 2 210 | 4 870 | 2 540 | 5 600 | 3 180 | 7 010 | 3 900 | 8 600 |
| 20 | 12.5 | 1 130 | 2 490 | 1 490 | 3 285 | 1 800 | 3 970 | 2 130 | 4 695 | 2 450 | 5 400 | 3 060 | 6 745 | 3 780 | 8 335 |
| 25 | 15 | 1 100 | 2 425 | 1 450 | 3 195 | 1 750 | 3 860 | 2 070 | 4 565 | 2 380 | 5 245 | 2 970 | 6 550 | 3 660 | 8 070 |
| 30 | 20 | 1 080 | 2 380 | 1 420 | 3 130 | 1 720 | 3 790 | 2 030 | 4 475 | 2 330 | 5 135 | 2 920 | 6 435 | 3 600 | 7 935 |
| 35 | 22.5 | 1 060 | 2 335 | 1 390 | 3 065 | 1 690 | 3 725 | 1 990 | 4 385 | 2 290 | 5 050 | 2 860 | 6 305 | 3 520 | 7 760 |
| 40 | 25 | 1 030 | 2 270 | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 | 3 450 | 7 605 |
| 45 | 28 | - | - | 1 320 | 2 910 | 1 610 | 3 550 | 1 900 | 4 190 | 2 180 | 4 805 | 2 720 | 5 995 | 3 360 | 7 405 |
| 50 | 30 | - | - | 1 280 | 2 820 | 1 560 | 3 440 | 1 840 | 4 055 | 2 110 | 4 650 | 2 640 | 5 820 | 3 260 | 7 185 |
| 65 | 40 | - | - | 1 180 | 2 600 | 1 450 | 3 195 | 1 700 | 3 750 | 1 950 | 4 300 | 2 430 | 5 355 | 3 000 | 6 615 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 220 | 58 | 165 | 44 | 135 | 36 | 69 | 150 | 204 | 450 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55100 | TR 218A |



# Nokian Hakkapeliitta TRI 540/65R30 – T445609

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445609 | 540/65R30 | 156 D | DW18L | DW16L | 550 | 21.7 | 1 464 | 57.6 | 665 | 26.2 | 4 430 | 174.4 | 700 | 320 | 46 | 4 820 | 10 625 | 4 625 | 10 195 | 4 360 | 9 610 | 4 000 | 8 820 | 28 | 35 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 920 | 8 640 | 5 020 | 11 065 | 6 100 | 13 450 | 7 250 | 15 985 | 8 400 | 18 520 | 10 650 | 23 480 |
| 5 | 2.5 | 2 470 | 5 445 | 3 180 | 7 010 | 3 860 | 8 510 | 4 580 | 10 095 | 5 300 | 11 685 | 6 750 | 14 880 |
| 10 | 5 | 2 130 | 4 695 | 2 730 | 6 020 | 3 320 | 7 320 | 3 940 | 8 685 | 4 580 | 10 095 | 5 800 | 12 785 |
| 15 | 10 | 1 930 | 4 255 | 2 470 | 5 445 | 3 000 | 6 615 | 3 560 | 7 850 | 4 140 | 9 125 | 5 240 | 11 550 |
| 20 | 12.5 | 1 860 | 4 100 | 2 380 | 5 245 | 2 890 | 6 370 | 3 440 | 7 585 | 3 980 | 8 775 | 5 060 | 11 155 |
| 25 | 15 | 1 810 | 3 990 | 2 320 | 5 115 | 2 810 | 6 195 | 3 340 | 7 365 | 3 880 | 8 555 | 4 920 | 10 845 |
| 30 | 20 | 1 770 | 3 900 | 2 270 | 5 005 | 2 760 | 6 085 | 3 280 | 7 230 | 3 800 | 8 375 | 4 820 | 10 625 |
| 35 | 22.5 | 1 740 | 3 835 | 2 230 | 4 915 | 2 710 | 5 975 | 3 220 | 7 100 | 3 740 | 8 245 | 4 720 | 10 405 |
| 40 | 25 | 1 700 | 3 750 | 2 180 | 4 805 | 2 650 | 5 840 | 3 150 | 6 945 | 3 650 | 8 045 | 4 625 | 10 195 |
| 45 | 28 | - | - | 2 120 | 4 675 | 2 580 | 5 690 | 3 060 | 6 745 | 3 560 | 7 850 | 4 500 | 9 920 |
| 50 | 30 | - | - | 2 050 | 4 520 | 2 500 | 5 510 | 2 970 | 6 550 | 3 440 | 7 585 | 4 360 | 9 610 |
| 65 | 40 | - | - | 1 900 | 4 190 | 2 300 | 5 070 | 2 725 | 6 010 | 3 150 | 6 945 | 4 000 | 8 820 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 470 | 124 | 355 | 94 | 289 | 76 | 147 | 325 | 437 | 965 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55371 | TR 218A |



# Nokian Hakkapeliitta TRI 650/65R42 – T445595

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445595 | 650/65R42 | 171 D | DW20B | DW18L | 645 | 25.4 | 1 913 | 75.3 | 871 | 34.3 | 5 836 | 229.8 | 925 | 320 | 46 | 7 400 | 16 315 | 7 100 | 15 655 | 6 700 | 14 770 | 6 150 | 13 560 | 31 | 39 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 6 100 | 13 450 | 7 950 | 17 525 | 9 500 | 20 945 | 11 250 | 24 800 | 12 900 | 28 440 | 16 350 | 36 045 |
| 5 | 2.5 | 3 860 | 8 510 | 5 020 | 11 065 | 6 000 | 13 230 | 7 100 | 15 655 | 8 150 | 17 965 | 10 300 | 22 705 |
| 10 | 5 | 3 320 | 7 320 | 4 320 | 9 525 | 5 160 | 11 375 | 6 100 | 13 450 | 7 000 | 15 430 | 8 900 | 19 620 |
| 15 | 10 | 3 000 | 6 615 | 3 900 | 8 600 | 4 680 | 10 320 | 5 520 | 12 170 | 6 350 | 14 000 | 8 050 | 17 745 |
| 20 | 12.5 | 2 890 | 6 370 | 3 780 | 8 335 | 4 500 | 9 920 | 5 320 | 11 730 | 6 150 | 13 560 | 7 750 | 17 085 |
| 25 | 15 | 2 810 | 6 195 | 3 660 | 8 070 | 4 380 | 9 655 | 5 180 | 11 420 | 5 940 | 13 095 | 7 550 | 16 645 |
| 30 | 20 | 2 760 | 6 085 | 3 600 | 7 935 | 4 300 | 9 480 | 5 080 | 11 200 | 5 840 | 12 875 | 7 400 | 16 315 |
| 35 | 22.5 | 2 710 | 5 975 | 3 520 | 7 760 | 4 220 | 9 305 | 4 980 | 10 980 | 5 720 | 12 610 | 7 250 | 15 985 |
| 40 | 25 | 2 650 | 5 840 | 3 450 | 7 605 | 4 125 | 9 095 | 4 875 | 10 745 | 5 600 | 12 345 | 7 100 | 15 655 |
| 45 | 28 | - | - | 3 360 | 7 405 | 4 020 | 8 860 | 4 740 | 10 450 | 5 440 | 11 995 | 6 900 | 15 210 |
| 50 | 30 | - | - | 3 260 | 7 185 | 3 880 | 8 555 | 4 600 | 10 140 | 5 280 | 11 640 | 6 700 | 14 770 |
| 65 | 40 | - | - | 3 000 | 6 615 | 3 650 | 8 045 | 4 250 | 9 370 | 4 875 | 10 745 | 6 150 | 13 560 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 925 | 244 | 695 | 184 | 645 | 170 | 290 | 640 | 935 | 2 060 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian Hakkapeliitta TRI 400/60R18 – T445667

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445667 | 400/60R18 | 143 D | 13 | - | 400 | 16.0 | 950 | 37.4 | 427 | 16.8 | 2 870 | 113.0 | | 500 | 73 | | | 3 135 | 6 895 | | | 2 725 | 5 995 | 26 | 33 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi | 4.5 bar | 65 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 1 820 | 4 010 | 2 310 | 5 080 | 2 800 | 6 155 | 3 390 | 7 465 | 3 830 | 8 420 | 4 355 | 9 585 | 4 885 | 10 745 | 5 440 | 11 965 | 5 915 | 13 010 | 6 600 | 14 520 | 7 195 | 15 825 |
| 5 | 3 | 1 150 | 2 535 | 1 460 | 3 215 | 1 770 | 3 895 | 2 145 | 4 720 | 2 420 | 5 325 | 2 755 | 6 060 | 3 090 | 6 795 | 3 440 | 7 570 | 3 740 | 8 230 | 4 175 | 9 185 | 4 550 | 10 010 |
| 10 | 6 | 995 | 2 185 | 1 260 | 2 770 | 1 525 | 3 360 | 1 850 | 4 070 | 2 090 | 4 595 | 2 375 | 5 225 | 2 665 | 5 860 | 2 965 | 6 525 | 3 225 | 7 095 | 3 600 | 7 920 | 3 925 | 8 635 |
| 20 | 12 | 870 | 1 915 | 1 105 | 2 425 | 1 335 | 2 940 | 1 620 | 3 560 | 1 825 | 4 020 | 2 080 | 4 575 | 2 330 | 5 130 | 2 595 | 5 710 | 2 820 | 6 210 | 3 150 | 6 930 | 3 435 | 7 555 |
| 25 | 16 | 840 | 1 850 | 1 070 | 2 350 | 1 295 | 2 845 | 1 570 | 3 450 | 1 770 | 3 890 | 2 015 | 4 430 | 2 255 | 4 965 | 2 515 | 5 530 | 2 735 | 6 010 | 3 050 | 6 710 | 3 325 | 7 315 |
| 30 | 19 | 830 | 1 820 | 1 050 | 2 310 | 1 270 | 2 800 | 1 540 | 3 390 | 1 740 | 3 830 | 1 980 | 4 355 | 2 220 | 4 885 | 2 470 | 5 440 | 2 690 | 5 915 | 3 000 | 6 600 | 3 270 | 7 195 |
| 35 | 22 | 815 | 1 790 | 1 035 | 2 270 | 1 250 | 2 750 | 1 515 | 3 335 | 1 710 | 3 765 | 1 945 | 4 285 | 2 185 | 4 805 | 2 430 | 5 350 | 2 645 | 5 815 | 2 950 | 6 490 | 3 215 | 7 075 |
| 40 | 25 | 795 | 1 745 | 1 005 | 2 215 | 1 220 | 2 680 | 1 480 | 3 250 | 1 670 | 3 670 | 1 900 | 4 175 | 2 130 | 4 680 | 2 370 | 5 210 | 2 575 | 5 665 | 2 875 | 6 325 | 3 135 | 6 895 |
| 45 | 28 | 775 | 1 700 | 980 | 2 155 | 1 185 | 2 610 | 1 440 | 3 165 | 1 625 | 3 575 | 1 850 | 4 065 | 2 070 | 4 560 | 2 305 | 5 075 | 2 510 | 5 520 | 2 800 | 6 160 | 3 050 | 6 715 |
| 50 | 31 | 745 | 1 640 | 945 | 2 080 | 1 145 | 2 520 | 1 390 | 3 055 | 1 565 | 3 445 | 1 780 | 3 920 | 2 000 | 4 395 | 2 225 | 4 895 | 2 420 | 5 320 | 2 700 | 5 940 | 2 945 | 6 475 |
| 65 | 40 | 690 | 1 518 | 875 | 1 925 | 1 060 | 2 332 | 1 285 | 2 827 | 1 450 | 3 190 | 1 650 | 3 630 | 1 850 | 4 070 | 2 060 | 4 532 | 2 240 | 4 928 | 2 500 | 5 500 | 2 725 | 5 995 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 145 | 38 | 109 | 29 | 89 | 24 | 45 | 100 | 135 | 296 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | N/A | N/A |




# Nokian Hakkapeliitta TRI – all sizes

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Speed Radius Index SRI | Maximum inflation pressure | | Load capacity kg / lbs | | | | | | | | Center line tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| **80-SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | |
| T445665 | 340/80R18 | 138 D | 11 | - | 340 | 13 | 1 001 | 39.4 | 452 | 17.8 | 3 031 | 119.3 | 475 | 4.0 | 58 | | | 2 715 | 4 935 | | | 2 360 | 4 290 | 24 | 30 |
| T445666 | 360/80R20 | 143 D | 11 | - | 360 | 14 | 1 093 | 43.0 | 493 | 19.4 | 3 311 | 130.4 | 525 | 4.0 | 58 | | | 3 135 | 5 665 | | | 2 725 | 4 928 | 24 | 30 |
| T445587 | 360/80R24 | 138 D | DW11 | DW10, DW12, DW13 | 357 | 14.1 | 1 186 | 46.7 | 543 | 21.4 | 3 600 | 141.7 | 575 | 320 | 46 | 2 840 | 6 260 | 2 725 | 6 010 | 2 570 | 5 665 | 2 360 | 5 205 | 24 | 30 |
| T445582 | 400/80R24 | 144 D | DW13 | DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 567 | 22.3 | 3 770 | 148.4 | 600 | 320 | 46 | 3 380 | 7 450 | 3 250 | 7 165 | 3 060 | 6 745 | 2 800 | 6 175 | 25 | 32 |
| T445634 | 440/80R24 | 149 D | DW14L | DW15L | 435 | 17.1 | 1 294 | 50.9 | 585 | 23.0 | 3 921 | 154.4 | 625 | 320 | 46 | | | 3 740 | 8 225 | | | 3 250 | 7 150 | 26 | 33 |
| T445584 | 400/80R28 | 146 D | DW13 | DW12, DW14L | 404 | 15.9 | 1 351 | 53.2 | 617 | 24.3 | 4 103 | 161.5 | 650 | 320 | 46 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 25 | 32 |
| T445563 | 440/80R28 | 151 D | DW14L | DW15L, DW16L | 441 | 17.4 | 1 415 | 55.7 | 640 | 25.2 | 4 285 | 168.7 | 675 | 320 | 46 | 4 160 | 9 170 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 26 | 33 |
| T445588 | 440/80R34 | 155 D | DW14L | DW15L, DW16L | 441 | 17.4 | 1 568 | 61.7 | 718 | 28.3 | 4 763 | 187.5 | 750 | 320 | 46 | 4 560 | 10 055 | 4 375 | 9 645 | 4 120 | 9 085 | 3 875 | 8 545 | 26 | 33 |
| T445583 | 480/80R34 | 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 744 | 29.3 | 4 970 | 195.7 | 775 | 320 | 46 | 5 200 | 11 465 | 5 000 | 11 025 | 4 700 | 10 360 | 4 375 | 9 645 | 27 | 34 |
| T445585 | 480/80R38 | 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 792 | 31.2 | 5 284 | 208.0 | 825 | 320 | 46 | 5 520 | 12 170 | 5 300 | 11 685 | 5 000 | 11 025 | 4 625 | 10 195 | 27 | 34 |
| T445564 | 540/80R38 | 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 832 | 32.8 | 5 566 | 219.1 | 875 | 320 | 46 | 6 600 | 14 550 | 6 300 | 13 890 | 5 940 | 13 095 | 5 450 | 12 015 | 27 | 34 |
| **70-SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | |
| T445636 | 400/70R20 | 144 D | 13 | - | 400 | 16 | 1 072 | 42.2 | 485 | 19.1 | 3 231 | 127.2 | 500 | 400 | 58 | | | 3 220 | 5 820 | | | 2 800 | 5 060 | 26 | 33 |
| T445669 | 460/70R24 | 161 D | DW14L | DW15L | 460 | 18 | 1 255 | 49.4 | 557 | 21.9 | 3 792 | 149.3 | 600 | 500 | 73 | | | 5 320 | 7 970 | | | 4 625 | 6 930 | 30 | 38 |
| T445671 | 500/70R24 | 166 D | DW16L | - | 500 | 20 | 1 314 | 51.7 | 580 | 22.8 | 3 971 | 156.3 | 625 | 500 | 73 | | | 6 095 | 13 410 | | | 5 300 | 11 660 | 30 | 38 |
| T445672 | 540/70R24 | 170 D | DW18L | DW16L | 540 | 21 | 1 367 | 53.8 | 603 | 23.7 | 4 143 | 163.1 | 650 | 500 | 73 | | | 6 900 | 15 180 | | | 6 000 | 13 200 | 30 | 38 |
| **65-SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | |
| T445586 | 420/65R24 | 146 D | DW13 | DW12, DW14L, DW15L | 418 | 16.5 | 1 156 | 45.5 | 520 | 20.5 | 3 487 | 137.3 | 550 | 400 | 58 | 3 600 | 7 935 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 25 | 32 |
| T445609 | 540/65R30 | 156 D | DW18L | DW16L | 550 | 21.7 | 1 464 | 57.6 | 665 | 26.2 | 4 430 | 174.4 | 700 | 320 | 46 | 4 820 | 10 625 | 4 625 | 10 195 | 4 360 | 9 610 | 4 000 | 8 820 | 28 | 35 |
| T445595 | 650/65R42 | 171 D | DW20B | DW18L | 645 | 25.4 | 1 913 | 75.3 | 871 | 34.3 | 5 836 | 229.8 | 925 | 320 | 46 | 7 400 | 16 315 | 7 100 | 15 655 | 6 700 | 14 770 | 6 150 | 13 560 | 31 | 39 |
| **60-SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | |
| T445667 | 400/60R18 | 143 D | 13 | - | 400 | 16.0 | 950 | 37.4 | 427 | 16.8 | 2 870 | 113.0 | | 500 | 73 | | | 3 135 | 6 895 | | | 2 725 | 5 995 | 26 | 33 |

# NOKIAN TRI 2 EXTREME STEEL




EXTREME
STEEL BELTED

- Tread rubber designed for extreme conditions, requiring constant use of chains, chain recommendation: Easy-chain from different chain manufacturers, all chain material under 9 mm by diameter
- Excellent wear resistance against tear and wear in rough on and off the road conditions
- Steel belts give good puncture resistance to tread area
- When used without chains the present TRI 2 has better winter grip

## Sizes

- Nokian TRI 2 Extreme Steel 400/80R24 – T445530
- Nokian TRI 2 Extreme Steel 440/80R24 – T445531
- Nokian TRI 2 Extreme Steel 440/80R28 – T445532
- Nokian TRI 2 Extreme Steel 480/80R34 – T445533
- Nokian TRI 2 Extreme Steel 480/80R38 – T445534
- Nokian TRI 2 Extreme Steel 540/80R38 – T445535



# Nokian TRI 2 Extreme Steel 400/80R24 – T445530

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445530 | 400/80R24 | 149 A8 / 144 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 568 | 22.4 | 3 764 | 148.2 | 27 | 34 | 22.5 | 34 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 2 800 | 6 175 | 3 580 | 7 890 | 4 380 | 9 655 | 5 160 | 11 375 | 5 940 | 13 095 | 7 500 | 16 535 |
| 5 | 2.5 | 1 770 | 3 900 | 2 250 | 4 960 | 2 760 | 6 085 | 3 260 | 7 185 | 3 740 | 8 245 | 4 720 | 10 405 |
| 10 | 5 | 1 520 | 3 350 | 1 940 | 4 275 | 2 380 | 5 245 | 2 800 | 6 175 | 3 220 | 7 100 | 4 080 | 8 995 |
| 15 | 10 | 1 380 | 3 040 | 1 760 | 3 880 | 2 150 | 4 740 | 2 540 | 5 600 | 2 910 | 6 415 | 3 680 | 8 115 |
| 20 | 12.5 | 1 330 | 2 930 | 1 690 | 3 725 | 2 080 | 4 585 | 2 450 | 5 400 | 2 810 | 6 195 | 3 560 | 7 850 |
| 25 | 15 | 1 290 | 2 845 | 1 650 | 3 640 | 2 020 | 4 455 | 2 380 | 5 245 | 2 730 | 6 020 | 3 460 | 7 630 |
| 30 | 20 | 1 270 | 2 800 | 1 620 | 3 570 | 1 980 | 4 365 | 2 330 | 5 135 | 2 680 | 5 910 | 3 380 | 7 450 |
| 35 | 22.5 | 1 240 | 2 735 | 1 590 | 3 505 | 1 940 | 4 275 | 2 290 | 5 050 | 2 630 | 5 800 | 3 320 | 7 320 |
| 40 | 25 | 1 215 | 2 680 | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 575 | 5 675 | 3 250 | 7 165 |
| 45 | 28 | - | - | 1 510 | 3 330 | 1 850 | 4 080 | 2 180 | 4 805 | 2 500 | 5 510 | 3 160 | 6 965 |
| 50 | 30 | - | - | 1 460 | 3 220 | 1 790 | 3 945 | 2 110 | 4 650 | 2 430 | 5 355 | 3 060 | 6 745 |
| 65 | 40 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 950 | 4 300 | 2 240 | 4 940 | 2 800 | 6 175 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 265 | 70 | 200 | 55 | 163 | 45 | 83 | 185 | 246 | 540 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian TRI 2 Extreme Steel 440/80R24 – T445531

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445531 | 440/80R24 | 154 A8 / 149 D | DW14L | W15L, DW15L | 441 | 17.4 | 1 314 | 51.7 | 596 | 23.5 | 3 965 | 156.1 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 220 | 7 100 | 4 140 | 9 125 | 5 020 | 11 065 | 5 940 | 13 095 | 6 900 | 15 210 | 8 650 | 19 070 |
| 5 | 2.5 | 2 030 | 4 475 | 2 610 | 5 755 | 3 180 | 7 010 | 3 740 | 8 245 | 4 360 | 9 610 | 5 440 | 11 995 |
| 10 | 5 | 1 750 | 3 860 | 2 250 | 4 960 | 2 730 | 6 020 | 3 220 | 7 100 | 3 760 | 8 290 | 4 700 | 10 360 |
| 15 | 10 | 1 590 | 3 505 | 2 040 | 4 495 | 2 470 | 5 445 | 2 910 | 6 415 | 3 400 | 7 495 | 4 240 | 9 350 |
| 20 | 12.5 | 1 530 | 3 375 | 1 970 | 4 345 | 2 380 | 5 245 | 2 810 | 6 195 | 3 280 | 7 230 | 4 100 | 9 040 |
| 25 | 15 | 1 490 | 3 285 | 1 910 | 4 210 | 2 320 | 5 115 | 2 730 | 6 020 | 3 180 | 7 010 | 3 980 | 8 775 |
| 30 | 20 | 1 460 | 3 220 | 1 880 | 4 145 | 2 270 | 5 005 | 2 680 | 5 910 | 3 120 | 6 880 | 3 900 | 8 600 |
| 35 | 22.5 | 1 430 | 3 155 | 1 840 | 4 055 | 2 230 | 4 915 | 2 630 | 5 800 | 3 060 | 6 745 | 3 840 | 8 465 |
| 40 | 25 | 1 400 | 3 085 | 1 800 | 3 970 | 2 180 | 4 805 | 2 575 | 5 675 | 3 000 | 6 615 | 3 750 | 8 265 |
| 45 | 28 | - | - | 1 750 | 3 860 | 2 120 | 4 675 | 2 500 | 5 510 | 2 910 | 6 415 | 3 640 | 8 025 |
| 50 | 30 | - | - | 1 700 | 3 750 | 2 050 | 4 520 | 2 430 | 5 355 | 2 820 | 6 215 | 3 540 | 7 805 |
| 65 | 40 | - | - | 1 550 | 3 415 | 1 900 | 4 190 | 2 240 | 4 940 | 2 650 | 5 840 | 3 250 | 7 165 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 325 | 85 | 245 | 65 | 200 | 55 | 102 | 225 | 302 | 665 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55112 | TR 218A |



# Nokian TRI 2 Extreme Steel 440/80R28 – T445532

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445532 | 440/80R28 | 156 A8 / 151 D | DW14L | W15L, W16L, DW15L, DW16L | 441 | 17.4 | 1 415 | 55.7 | 644 | 25.4 | 4 266 | 168.0 | 28 | 35 | 23.5 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 3 460 | 7 630 | 4 380 | 9 655 | 5 440 | 11 995 | 6 450 | 14 220 | 7 250 | 15 985 | 9 200 | 20 280 |
| 5 | 2.5 | 2 180 | 4 805 | 2 760 | 6 085 | 3 440 | 7 585 | 4 060 | 8 950 | 4 580 | 10 095 | 5 800 | 12 785 |
| 10 | 5 | 1 880 | 4 145 | 2 380 | 5 245 | 2 950 | 6 505 | 3 500 | 7 715 | 3 940 | 8 685 | 5 000 | 11 025 |
| 15 | 10 | 1 700 | 3 750 | 2 150 | 4 740 | 2 670 | 5 885 | 3 180 | 7 010 | 3 560 | 7 850 | 4 520 | 9 965 |
| 20 | 12.5 | 1 640 | 3 615 | 2 080 | 4 585 | 2 580 | 5 690 | 3 060 | 6 745 | 3 440 | 7 585 | 4 360 | 9 610 |
| 25 | 15 | 1 590 | 3 505 | 2 020 | 4 455 | 2 510 | 5 535 | 2 970 | 6 550 | 3 340 | 7 365 | 4 240 | 9 350 |
| 30 | 20 | 1 560 | 3 440 | 1 980 | 4 365 | 2 460 | 5 425 | 2 920 | 6 435 | 3 280 | 7 230 | 4 160 | 9 170 |
| 35 | 22.5 | 1 530 | 3 375 | 1 940 | 4 275 | 2 410 | 5 315 | 2 860 | 6 305 | 3 220 | 7 100 | 4 080 | 8 995 |
| 40 | 25 | 1 500 | 3 305 | 1 900 | 4 190 | 2 360 | 5 205 | 2 800 | 6 175 | 3 150 | 6 945 | 4 000 | 8 820 |
| 45 | 28 | - | - | 1 850 | 4 080 | 2 290 | 5 050 | 2 720 | 5 995 | 3 060 | 6 745 | 3 880 | 8 555 |
| 50 | 30 | - | - | 1 790 | 3 945 | 2 220 | 4 895 | 2 640 | 5 820 | 2 970 | 6 550 | 3 760 | 8 290 |
| 65 | 40 | - | - | 1 650 | 3 640 | 2 060 | 4 540 | 2 430 | 5 355 | 2 725 | 6 010 | 3 450 | 7 605 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 365 | 95 | 275 | 75 | 225 | 60 | 115 | 255 | 339 | 745 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55370 | TR 218A |



# Nokian TRI 2 Extreme Steel 480/80R34 – T445533

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445533 | 480/80R34 | 164 A8 / 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 743 | 29.3 | 4 939 | 194.4 | 29 | 37 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 260 | 9 390 | 5 440 | 11 995 | 6 700 | 14 770 | 7 950 | 17 525 | 9 200 | 20 280 | 11 500 | 25 355 |
| 5 | 2.5 | 2 690 | 5 930 | 3 440 | 7 585 | 4 220 | 9 305 | 5 020 | 11 065 | 5 800 | 12 785 | 7 250 | 15 985 |
| 10 | 5 | 2 320 | 5 115 | 2 950 | 6 505 | 3 640 | 8 025 | 4 320 | 9 525 | 5 000 | 11 025 | 6 250 | 13 780 |
| 15 | 10 | 2 100 | 4 630 | 2 670 | 5 885 | 3 280 | 7 230 | 3 900 | 8 600 | 4 520 | 9 965 | 5 660 | 12 480 |
| 20 | 12.5 | 2 020 | 4 455 | 2 580 | 5 690 | 3 180 | 7 010 | 3 780 | 8 335 | 4 360 | 9 610 | 5 460 | 12 035 |
| 25 | 15 | 1 970 | 4 345 | 2 510 | 5 535 | 3 080 | 6 790 | 3 660 | 8 070 | 4 240 | 9 350 | 5 300 | 11 685 |
| 30 | 20 | 1 930 | 4 255 | 2 460 | 5 425 | 3 020 | 6 660 | 3 600 | 7 935 | 4 160 | 9 170 | 5 200 | 11 465 |
| 35 | 22.5 | 1 890 | 4 165 | 2 410 | 5 315 | 2 960 | 6 525 | 3 520 | 7 760 | 4 080 | 8 995 | 5 100 | 11 245 |
| 40 | 25 | 1 850 | 4 080 | 2 360 | 5 205 | 2 900 | 6 395 | 3 450 | 7 605 | 4 000 | 8 820 | 5 000 | 11 025 |
| 45 | 28 | - | - | 2 290 | 5 050 | 2 820 | 6 215 | 3 360 | 7 405 | 3 880 | 8 555 | 4 860 | 10 715 |
| 50 | 30 | - | - | 2 220 | 4 895 | 2 730 | 6 020 | 3 260 | 7 185 | 3 760 | 8 290 | 4 700 | 10 360 |
| 65 | 40 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 3 000 | 6 615 | 3 450 | 7 605 | 4 375 | 9 645 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 515 | 135 | 385 | 100 | 317 | 85 | 162 | 355 | 478 | 1 055 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55391 | TR 218A |



# Nokian TRI 2 Extreme Steel 480/80R38 – T445534

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445534 | 480/80R38 | 166 A8 / 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 793 | 31.2 | 5 265 | 207.3 | 29 | 37 | 24 | 30 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 4 500 | 9 920 | 5 760 | 12 700 | 7 100 | 15 655 | 8 400 | 18 520 | 9 800 | 21 605 | 12 200 | 26 895 |
| 5 | 2.5 | 2 830 | 6 240 | 3 640 | 8 025 | 4 460 | 9 835 | 5 300 | 11 685 | 6 200 | 13 670 | 7 700 | 16 975 |
| 10 | 5 | 2 440 | 5 380 | 3 140 | 6 920 | 3 860 | 8 510 | 4 580 | 10 095 | 5 320 | 11 730 | 6 650 | 14 660 |
| 15 | 10 | 2 210 | 4 870 | 2 830 | 6 240 | 3 480 | 7 670 | 4 140 | 9 125 | 4 820 | 10 625 | 6 000 | 13 230 |
| 20 | 12.5 | 2 130 | 4 695 | 2 730 | 6 020 | 3 360 | 7 405 | 3 980 | 8 775 | 4 640 | 10 230 | 5 780 | 12 745 |
| 25 | 15 | 2 070 | 4 565 | 2 650 | 5 840 | 3 260 | 7 185 | 3 880 | 8 555 | 4 520 | 9 965 | 5 620 | 12 390 |
| 30 | 20 | 2 030 | 4 475 | 2 600 | 5 730 | 3 200 | 7 055 | 3 800 | 8 375 | 4 420 | 9 745 | 5 520 | 12 170 |
| 35 | 22.5 | 1 990 | 4 385 | 2 550 | 5 620 | 3 140 | 6 920 | 3 740 | 8 245 | 4 340 | 9 570 | 5 420 | 11 950 |
| 40 | 25 | 1 950 | 4 300 | 2 500 | 5 510 | 3 075 | 6 780 | 3 650 | 8 045 | 4 250 | 9 370 | 5 300 | 11 685 |
| 45 | 28 | - | - | 2 430 | 5 355 | 2 990 | 6 590 | 3 560 | 7 850 | 4 140 | 9 125 | 5 160 | 11 375 |
| 50 | 30 | - | - | 2 350 | 5 180 | 2 900 | 6 395 | 3 440 | 7 585 | 4 000 | 8 820 | 5 000 | 11 025 |
| 65 | 40 | - | - | 2 180 | 4 805 | 2 725 | 6 010 | 3 150 | 6 945 | 3 750 | 8 265 | 4 625 | 10 195 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 560 | 150 | 420 | 110 | 345 | 90 | 176 | 390 | 520 | 1 145 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55430 | TR 218A |



# Nokian TRI 2 Extreme Steel 540/80R38 – T445535

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445535 | 540/80R38 | 172 A8 / 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 834 | 32.8 | 5 529 | 217.7 | 30 | 38 | 25 | 32 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 0 | 0 | 5 440 | 11 995 | 6 900 | 15 210 | 8 400 | 18 520 | 10 100 | 22 265 | 11 500 | 25 355 | 14 500 | 31 965 |
| 5 | 2.5 | 3 440 | 7 585 | 4 360 | 9 610 | 5 300 | 11 685 | 6 350 | 14 000 | 7 250 | 15 985 | 9 150 | 20 170 |
| 10 | 5 | 2 950 | 6 505 | 3 760 | 8 290 | 4 580 | 10 095 | 5 480 | 12 080 | 6 250 | 13 780 | 7 900 | 17 415 |
| 15 | 10 | 2 670 | 5 885 | 3 400 | 7 495 | 4 140 | 9 125 | 4 960 | 10 935 | 5 660 | 12 480 | 7 150 | 15 765 |
| 20 | 12.5 | 2 580 | 5 690 | 3 280 | 7 230 | 3 980 | 8 775 | 4 780 | 10 540 | 5 460 | 12 035 | 6 900 | 15 210 |
| 25 | 15 | 2 510 | 5 535 | 3 180 | 7 010 | 3 880 | 8 555 | 4 640 | 10 230 | 5 300 | 11 685 | 6 700 | 14 770 |
| 30 | 20 | 2 460 | 5 425 | 3 120 | 6 880 | 3 800 | 8 375 | 4 560 | 10 055 | 5 200 | 11 465 | 6 600 | 14 550 |
| 35 | 22.5 | 2 410 | 5 315 | 3 060 | 6 745 | 3 740 | 8 245 | 4 480 | 9 875 | 5 100 | 11 245 | 6 450 | 14 220 |
| 40 | 25 | 2 360 | 5 205 | 3 000 | 6 615 | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 6 300 | 13 890 |
| 45 | 28 | - | - | 2 910 | 6 415 | 3 560 | 7 850 | 4 260 | 9 390 | 4 860 | 10 715 | 6 150 | 13 560 |
| 50 | 30 | - | - | 2 820 | 6 215 | 3 440 | 7 585 | 4 120 | 9 085 | 4 700 | 10 360 | 5 940 | 13 095 |
| 65 | 40 | - | - | 2 650 | 5 840 | 3 150 | 6 945 | 3 875 | 8 545 | 4 375 | 9 645 | 5 450 | 12 015 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 740 | 195 | 555 | 145 | 455 | 120 | 232 | 510 | 688 | 1 515 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55445 | TR 218A |



# Nokian TRI 2 Extreme Steel – all sizes

| Product code | Size | LI/SS | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Total tread depth | | Total pattern depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | in | mm | in | mm | in | mm | in | mm | 32 nds in | mm | 32 nds in |
| T445530 | 400/80R24 | 149 A8 / 144 D | DW13 | W12, W13, W14L, DW12, DW14L | 404 | 15.9 | 1 250 | 49.2 | 568 | 22.4 | 3 764 | 148.2 | 27 | 34 | 22.5 | 34 |
| T445531 | 440/80R24 | 154 A8 / 149 D | DW14L | W15L, DW15L | 441 | 17.4 | 1 314 | 51.7 | 596 | 23.5 | 3 965 | 156.1 | 28 | 35 | 23.5 | 30 |
| T445532 | 440/80R28 | 156 A8 / 151 D | DW14L | W15L, W16L, DW15L, DW16L | 441 | 17.4 | 1 415 | 55.7 | 644 | 25.4 | 4 266 | 168.0 | 28 | 35 | 23.5 | 30 |
| T445533 | 480/80R34 | 164 A8 / 159 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 632 | 64.3 | 743 | 29.3 | 4 939 | 194.4 | 29 | 37 | 24 | 30 |
| T445534 | 480/80R38 | 166 A8 / 161 D | DW15L | DW16L, DW18L | 479 | 18.9 | 1 733 | 68.2 | 793 | 31.2 | 5 265 | 207.3 | 29 | 37 | 24 | 30 |
| T445535 | 540/80R38 | 172 A8 / 167 D | DW18L | DW16L | 550 | 21.7 | 1 829 | 72.0 | 834 | 32.8 | 5 529 | 217.7 | 30 | 38 | 25 | 32 |

# NOKIAN TRI STEEL




## Puncture protection for special applications

- Special tire for wheel loaders and handlers in recycling applications
- Steel puncture protection
- Excellent choise for telescopic handlers

## Sizes

- Nokian TRI Steel 460/65R24 – T445245
- Nokian TRI Steel 480/65R24 – T445222



# Nokian TRI Steel 460/65R24 – T445245

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445245 | 460/65R24 | 156 A8/151 D | TRI | TL | DW13 | W13, DW13L, W14L, DW14L, W15L, DW15L | 437 | 17.2 | 459 | 18.1 | 1 185 | 46.7 | 1 208 | 47.6 | 545 | 21.5 | 3 620 | 142.5 | 400 | 58 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 27 | 34 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 275 | 75 | 205 | 55 | 169 | 45 | 86 | 190 | 255 | 560 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55111 | TR 218A |



# Nokian TRI Steel 480/65R24 – T445222

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445222 | 480/65R24 | 151 A8/146 D | TRI | TL | DW14L | W14L, W15L, DW15L, W16L, DW16L | 470 | 18.5 | 494 | 19.4 | 1 240 | 48.8 | 1 265 | 49.8 | 565 | 22.2 | 3 740 | 147.2 | 320 | 46 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 28 | 35 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 55 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55111 | TR 218A |



# Nokian TRI Steel – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | 50 km/h | 30 mph | 65 km/h | 40 mph | mm | 32 nds in |
| T445245 | 460/65R24 | 156 A8/151 D | TRI | TL | DW13 | W13, DW13L, W14L, DW14L, W15L, DW15L | 437 | 17.2 | 459 | 18.1 | 1 185 | 46.7 | 1 208 | 47.6 | 545 | 21.5 | 3 620 | 142.5 | 400 | 58 | 4 000 | 8 820 | 3 760 | 8 290 | 3 450 | 7 605 | 27 | 34 |
| T445222 | 480/65R24 | 151 A8/146 D | TRI | TL | DW14L | W14L, W15L, DW15L, W16L, DW16L | 470 | 18.5 | 494 | 19.4 | 1 240 | 48.8 | 1 265 | 49.8 | 565 | 22.2 | 3 740 | 147.2 | 320 | 46 | 3 450 | 7 605 | 3 260 | 7 185 | 3 000 | 6 615 | 28 | 35 |

# NOKIAN TRI BACKHOE




## Stability and reliable grip for backhoe loaders

- Strenghthened carcass
- Excellent traction and lateral grip
- Stability to transportation
- Use of loader even without support legs

## Sizes

- Nokian TRI Backhoe 18.4 B 30 – T445330
- Nokian TRI Backhoe 580/65 B 30 – T445293
- Nokian TRI Backhoe 580/65 B 34 – T445294



# Nokian TRI Backhoe 18.4 B 30 – T445330

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445330 | 18.4 B 30 | 159 B | TRI | TL | DW16 | DW15, DW15L | 467 | 18.4 | 490 | 19.3 | 1 516 | 59.7 | 1 552 | 61.1 | 700 | 27.6 | 4 486 | 176.6 | 320 | 46 | 4 810 | 10 605 | 4 625 | 10 195 | 4 375 | 9 645 | 30 | 38 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 440 | 115 | 330 | 85 | 271 | 70 | 138 | 305 | 409 | 900 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55371 | TR 218A |



# Nokian TRI Backhoe 580/65 B 30 – T445293

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445293 | 580/65 B 30 | 161 B | TRI | TL | DW16 | DW16L, DW18L, DW20B | 580 | 22.8 | 609 | 24.0 | 1 516 | 59.7 | 1 552 | 61.1 | 698 | 27.5 | 4 530 | 178.3 | 320 | 46 | 5 360 | 11 815 | 5 150 | 11 355 | 4 625 | 10 195 | 30 | 38 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 620 | 165 | 465 | 125 | 382 | 100 | 195 | 430 | 576 | 1 270 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | - | - |



# Nokian TRI Backhoe 580/65 B 34 – T445294

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445294 | 580/65 B 34 | 164 B | TRI | TL | DW16 | DW16L, DW18L, DW20B | 580 | 22.8 | 609 | 24.0 | 1 618 | 63.7 | 1 668 | 65.7 | 752 | 29.6 | 4 832 | 190.2 | 320 | 46 | 5 670 | 12 500 | 5 450 | 12 015 | 5 000 | 11 025 | 30 | 38 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 680 | 180 | 510 | 135 | 418 | 110 | 213 | 470 | 632 | 1 395 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55395 | TR 218A |

# Nokian TRI Backhoe – all sizes

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | mm | 32 nds in |
| T445330 | 18.4 B 30 | 159 B | TRI | TL | DW16 | DW15, DW15L | 467 | 18.4 | 490 | 19.3 | 1 516 | 59.7 | 1 552 | 61.1 | 700 | 27.6 | 4 486 | 176.6 | 320 | 46 | 4 810 | 10 605 | 4 625 | 10 195 | 4 375 | 9 645 | 30 | 38 |
| T445293 | 580/65 B 30 | 161 B | TRI | TL | DW16 | DW16L, DW18L, DW20B | 580 | 22.8 | 609 | 24.0 | 1 516 | 59.7 | 1 552 | 61.1 | 698 | 27.5 | 4 530 | 178.3 | 320 | 46 | 5 360 | 11 815 | 5 150 | 11 355 | 4 625 | 10 195 | 30 | 38 |
| T445294 | 580/65 B 34 | 164 B | TRI | TL | DW16 | DW16L, DW18L, DW20B | 580 | 22.8 | 609 | 24.0 | 1 618 | 63.7 | 1 668 | 65.7 | 752 | 29.6 | 4 832 | 190.2 | 320 | 46 | 5 670 | 12 500 | 5 450 | 12 015 | 5 000 | 11 025 | 30 | 38 |

# NOKIAN GRS




## Superb grip for graders

- Good winter driving characteristics
- Also for wheel loader use when winter grip is needed
- Excellent drive comfort

## Sizes

- Nokian GRS 14.00R24 – T493551
- Nokian GRS 17.5R25 – T493560



# Nokian GRS 14.00R24 – T493551

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | mm | 32 nds in |
| T493551 | 14.00R24 | 153 A8 | GRS | TL | 10.00VA SDC | 8.00TG SDC, 9.00 / 1.5 DC | 362 | 14.3 | 392 | 15.4 | 1 348 | 53.1 | 1 392 | 54.8 | 613 | 24.1 | 4 070 | 160.2 | 375 | 54 | 3 650 | 8 045 | 25 | 32 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 230 | 60 | 175 | 45 | 142 | 40 | 72 | 160 | 214 | 470 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 650 | T55767 | TR1175 |



# Nokian GRS 17.5R25 – T493560

TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | mm | 32 nds in |
| T493560 | 17.5R25 | 153 A8 | GRS | TL | 14.00 / 1.5 | 14.00 / 1.3(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 605 | 23.8 | 4 040 | 159.1 | 300 | 44 | 3 650 | 8 045 | 27 | 34 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 330 | 85 | 250 | 65 | 203 | 55 | 104 | 230 | 307 | 675 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55867 | TR1175 |



# Nokian GRS – all sizes

TL = TUBELESS, may be fitted with or without tube

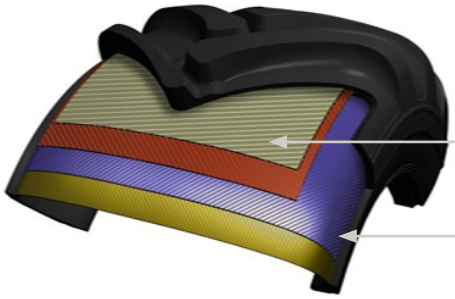
| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Inflation pressure | | Load capacity kg/lbs | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | 40 km/h | 25 mph | mm | 32 nds in |
| T493551 | 14.00R24 | 153 A8 | GRS | TL | 10.00VA SDC | 8.00TG SDC, 9.00 / 1.5 DC | 362 | 14.3 | 392 | 15.4 | 1 348 | 53.1 | 1 392 | 54.8 | 613 | 24.1 | 4 070 | 160.2 | 375 | 54 | 3 650 | 8 045 | 25 | 32 |
| T493560 | 17.5R25 | 153 A8 | GRS | TL | 14.00 / 1.5 | 14.00 / 1.3(DC) | 445 | 17.5 | 494 | 19.4 | 1 348 | 53.1 | 1 405 | 55.3 | 605 | 23.8 | 4 040 | 159.1 | 300 | 44 | 3 650 | 8 045 | 27 | 34 |

# NOKIAN EXCAVATOR




## Excavator tire for soft surfaces

- Steel fortified against cuts and impacts
- Open pattern with excellent cleaning properties helps in muddy and wet conditions
- Reinforced shoulder area against impacts
- High load capacity and improved stability
- Variable angle lug pattern design with reinforced center area for better traction



## Nokian Excavator with steel fortification

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.

**Notice!** Not for forestry use.

## Sizes

- Nokian Excavator 600/50-22.5 20PR – T445633
- Nokian Excavator 600/50-22.5 24PR – T445604
- Nokian Excavator 650/45-22.5 20PR – T445692
- Nokian Excavator 650/45-22.5 24PR – T445605
- Nokian Excavator 710/40-22.5 20PR – T445693
- Nokian Excavator 710/40-22.5 24PR – T445606



# Nokian Excavator 600/50-22.5 20PR – T445633

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445633 | 600/50-22.5 | 165 A8 | 20 | TL | SF | AG20.00 | | 600 | 23.6 | 1 150 | 45.3 | 40 | 50 | 450 | 66 | 524 | 20.6 | 3 506 | 138.0 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 6 900 | 15 210 | 4 350 | 9 590 | 3 750 | 8 265 | 3 275 | 7 220 | 3 125 | 6 885 | 3 000 | 6 610 |
| 320 | 46 | 8 625 | 19 015 | 5 450 | 12 015 | 4 700 | 10 360 | 4 100 | 9 035 | 3 900 | 8 595 | 3 750 | 8 265 |
| 400 | 58 | 10 650 | 23 475 | 6 700 | 14 770 | 5 775 | 12 730 | 5 050 | 11 130 | 4 800 | 10 580 | 4 625 | 10 195 |
| 450 | 66 | 11 850 | 26 125 | 7 475 | 16 480 | 6 450 | 14 220 | 5 625 | 12 400 | 5 350 | 11 795 | 5 150 | 11 350 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 270 | | 203 | | 166 | | 85 | | 251 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 425 |
| 16.000 | 500 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator 600/50-22.5 24PR – T445604

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445604 | 600/50-22.5 | 173 A8 | 24 | TL | SF | AG20.00 | | 600 | 23.6 | 1 150 | 45.3 | 40 | 50 | 600 | 87 | 523 | 20.6 | 3 531 | 139.0 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 6 900 | 15 200 | 4 350 | 9 600 | 3 750 | 8 275 | 3 275 | 7 225 | 3 125 | 6 900 | 3 000 | 6 625 |
| 320 | 46 | 8 625 | 19 025 | 5 450 | 12 025 | 4 700 | 10 350 | 4 100 | 9 050 | 3 900 | 8 600 | 3 750 | 8 275 |
| 400 | 58 | 10 650 | 23 475 | 6 700 | 14 775 | 5 775 | 12 725 | 5 050 | 11 125 | 4 800 | 10 575 | 4 625 | 10 200 |
| 500 | 73 | 12 875 | 28 375 | 8 125 | 17 925 | 7 000 | 15 425 | 6 100 | 13 450 | 5 825 | 12 850 | 5 600 | 12 350 |
| 550 | 80 | 13 925 | 30 700 | 8 775 | 19 350 | 7 575 | 16 700 | 6 600 | 14 550 | 6 300 | 13 900 | 6 050 | 13 350 |
| 600 | 87 | 14 950 | 32 950 | 9 425 | 20 775 | 8 125 | 17 925 | 7 075 | 15 600 | 6 750 | 14 875 | 6 500 | 14 325 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 270 | | 203 | | 166 | | 85 | | 251 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 425 |
| 16.000 | 500 |
| 18.000 | 575 |
| 20.000 | 625 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator 650/45-22.5 20PR – T445692

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445692 | 650/45-22.5 | 166 A8 | 20 | TL | SF | AG22.00 | AG20.00 | 650 | 25.6 | 1 150 | 45.3 | 40 | 50 | 450 | 65 | 530 | 20.9 | 3 506 | 138.0 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 7 075 | 15 600 | 4 450 | 9 800 | 3 850 | 8 500 | 3 350 | 7 375 | 3 200 | 7 050 | 3 075 | 6 775 |
| 320 | 46 | 8 925 | 19 675 | 5 625 | 12 400 | 4 850 | 10 700 | 4 225 | 9 325 | 4 025 | 8 875 | 3 875 | 8 550 |
| 400 | 58 | 10 925 | 24 075 | 6 900 | 15 200 | 5 950 | 13 125 | 5 175 | 11 400 | 4 950 | 10 925 | 4 750 | 10 475 |
| 450 | 65 | 12 200 | 26 875 | 7 675 | 16 900 | 6 625 | 14 600 | 5 775 | 12 725 | 5 500 | 12 125 | 5 300 | 11 675 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 293 | | 220 | | 180 | | 92 | | 272 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 425 |
| 16.000 | 450 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator 650/45-22.5 24PR – T445605

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445605 | 650/45-22.5 | 175 A8 | 24 | TL | SF | AG22.00 | AG20.00 | 650 | 25.6 | 1 150 | 45.3 | 40 | 50 | 600 | 87 | 527 | 20.7 | 3 521 | 138.6 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 7 075 | 15 600 | 4 450 | 9 800 | 3 850 | 8 500 | 3 350 | 7 375 | 3 200 | 7 050 | 3 075 | 6 775 |
| 320 | 46 | 8 925 | 19 675 | 5 625 | 12 400 | 4 850 | 10 700 | 4 225 | 9 325 | 4 025 | 8 875 | 3 875 | 8 550 |
| 400 | 58 | 10 925 | 24 075 | 6 900 | 15 200 | 5 950 | 13 125 | 5 175 | 11 400 | 4 950 | 10 925 | 4 750 | 10 475 |
| 500 | 73 | 13 350 | 29 425 | 8 400 | 18 525 | 7 250 | 15 975 | 6 325 | 13 950 | 6 025 | 13 275 | 5 800 | 12 775 |
| 550 | 80 | 14 600 | 32 175 | 9 200 | 20 275 | 7 950 | 17 525 | 6 925 | 15 275 | 6 600 | 14 550 | 6 350 | 14 000 |
| 600 | 87 | 15 875 | 35 000 | 10 000 | 22 050 | 8 625 | 19 025 | 7 525 | 16 600 | 7 175 | 15 825 | 6 900 | 15 200 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 293 | | 220 | | 180 | | 92 | | 272 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 425 |
| 16.000 | 475 |
| 18.000 | 550 |
| 20.000 | 600 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator 710/40-22.5 20PR – T445693

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445693 | 710/40-22.5 | 167 A8 | 20 | TL | SF | AG24.00 | | 700 | 27.6 | 1 150 | 45.3 | 40 | 50 | 450 | 65 | 528 | 20.8 | 3 500 | 137.8 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 7 250 | 15 975 | 4 575 | 10 075 | 3 950 | 8 700 | 3 425 | 7 550 | 3 275 | 7 225 | 3 150 | 6 950 |
| 320 | 46 | 9 200 | 20 275 | 5 800 | 12 775 | 5 000 | 11 025 | 4 350 | 9 600 | 4 150 | 9 150 | 4 000 | 6 825 |
| 400 | 58 | 11 225 | 24 750 | 7 075 | 15 600 | 6 100 | 13 450 | 5 325 | 11 750 | 5 075 | 11 200 | 4 875 | 10 750 |
| 450 | 65 | 12 525 | 27 600 | 7 900 | 17 400 | 6 825 | 15 025 | 5 950 | 13 100 | 5 675 | 12 500 | 5 450 | 12 000 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 327 | | 220 | | 201 | | 103 | | 303 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 400 |
| 16.000 | 450 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator 710/40-22.5 24PR – T445606

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445606 | 710/40-22.5 | 173 A8 | 24 | TL | SF | AG24.00 | | 700 | 27.6 | 1 150 | 45.3 | 40 | 50 | 550 | 80 | 526 | 20.7 | 3 506 | 138.0 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Static | | 5 km/h / 3 mph | | 10 km/h / 6 mph | | 20 km/h / 12 mph | | 30 km/h / 19 mph | | 40 km/h / 25 mph | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| 240 | 35 | 7 250 | 15 975 | 4 575 | 10 075 | 3 950 | 8 700 | 3 425 | 7 550 | 3 275 | 7 225 | 3 150 | 6 950 |
| 320 | 46 | 9 200 | 20 275 | 5 800 | 12 775 | 5 000 | 11 025 | 4 350 | 9 600 | 4 150 | 9 150 | 4 000 | 8 825 |
| 400 | 58 | 11 225 | 24 750 | 7 075 | 15 600 | 6 100 | 13 450 | 5 325 | 11 750 | 5 075 | 11 200 | 4 875 | 10 750 |
| 500 | 73 | 13 800 | 30 425 | 8 700 | 19 175 | 7 500 | 16 525 | 6 550 | 14 450 | 6 250 | 13 775 | 6 000 | 13 225 |
| 550 | 80 | 15 075 | 33 225 | 9 500 | 20 950 | 8 200 | 18 075 | 7 150 | 15 775 | 6 800 | 15 000 | 6 550 | 14 450 |

## LIQUID AND SALT BALLASTING

**ALWAYS USE A TUBE WHEN FILLED WITH WATER/SALT.**

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 327 | | 220 | | 201 | | 103 | | 303 | |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |

## PRESSURE RECOMMENDATIONS

| Total Weight of Excavator (kg) | Inflation pressure recommendations (kPa) |
|---|---|
| 14.000 | 400 |
| 16.000 | 450 |
| 18.000 | 500 |
| 20.000 | 575 |

Assumptions:
- Max speed 40 km/h
- Normal bucket, no special accessories
- If special tools/accessories are used the actual tire loads should be measured and inflation pressures defined accordingly.



# Nokian Excavator – all sizes

SF = STEEL FORTIFIED  TL = TUBELESS, may be fitted with or without tube

| Product code | Size | LI/SS | PR | TT/TL | Steel fortified | Rim | Permitted rims | Width | | Diameter | | Tread depth | | Max inflation pressure | | Loaded static radius | | Rolling circumference | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | mm | in | mm | in | mm | 32 nds | kPa | psi | mm | in | mm | in |
| T445633 | 600/50-22.5 | 165 A8 | 20 | TL | SF | AG20.00 | | 600 | 23.6 | 1 150 | 45.3 | 40 | 50 | 450 | 66 | 524 | 20.6 | 3 506 | 138.0 |
| T445604 | 600/50-22.5 | 173 A8 | 24 | TL | SF | AG20.00 | | 600 | 23.6 | 1 150 | 45.3 | 40 | 50 | 600 | 87 | 523 | 20.6 | 3 531 | 139.0 |
| T445692 | 650/45-22.5 | 166 A8 | 20 | TL | SF | AG22.00 | AG20.00 | 650 | 25.6 | 1 150 | 45.3 | 40 | 50 | 450 | 65 | 530 | 20.9 | 3 506 | 138.0 |
| T445605 | 650/45-22.5 | 175 A8 | 24 | TL | SF | AG22.00 | AG20.00 | 650 | 25.6 | 1 150 | 45.3 | 40 | 50 | 600 | 87 | 527 | 20.7 | 3 521 | 138.6 |
| T445693 | 710/40-22.5 | 167 A8 | 20 | TL | SF | AG24.00 | | 700 | 27.6 | 1 150 | 45.3 | 40 | 50 | 450 | 65 | 528 | 20.8 | 3 500 | 137.8 |
| T445606 | 710/40-22.5 | 173 A8 | 24 | TL | SF | AG24.00 | | 700 | 27.6 | 1 150 | 45.3 | 40 | 50 | 550 | 80 | 526 | 20.7 | 3 506 | 138.0 |

**IMPORTANT!**

Nokian Excavator tires must be used only with certified rims for load capacity, speed and inflation pressure.
The rim contour must be certified by fitting trials made by Nokian Heavy Tyres Ltd.
After 1.1.2018 claims on fitting damages will not be accepted on non-approved rims.
Please consult Nokian Heavy Tyres technical customer service for latest information on approved rims.

## THE FOLLOWING COMPLETE WHEELS / RIMS ARE APPROVED AND AVAILABLE BY NOKIAN HEAVY TYRES LTD

| Complete wheels | Tire | Rim | | | |
|---|---|---|---|---|---|
| | | Rim code | Width | Offset | Color |
| HTWS00205 | 600/50 - 22.5 Nokian Excavator TL | HTRS00133 | AG 20.00x22.5 | 0 mm | White aluminium |
| HTWS00204 | 600/50 - 22.5 Nokian Excavator TL | HTRS00135 | AG 20.00x22.5 | 0 mm | Maize Yellow |
| HTWS00206 | 650/45 - 22.5 Nokian Excavator TL | HTRS00182 | AG 22.00x22.5 | -30 mm | Maize Yellow |
| HTWS00263 | 650/45 - 22.5 Nokian Excavator TL | HTRS00136 | AG 22.00x22.5 | -30 mm | White aluminium |
| HTWS00202 | 710/40 - 22.5 Nokian Excavator TL | HTRS00132 | AG 24.00x22.5 | -50 mm | White aluminium |
| HTWS00203 | 710/40 - 22.5 Nokian Excavator TL | HTRS00134 | AG 24.00x22.5 | -50 mm | Maize Yellow |

**All wheels:**
- 10 – bolts hub (281 - 335 - 25,4 - 10 AR/D18-32)
- Reinforced rim flange
- Valve protector

**Disclaimer:** The limitations and recommendations shown in this document about rims are based on the information provided by third party rim manufacturers and not by Nokian Heavy Tyres Ltd. Nokian Heavy Tyres Ltd. assumes no liability regarding rims shown in this document.

» Excavator tire mounting instructional video
» Tire mounting tools

# NOKIAN TRS LS-2 SF EXCAVATOR

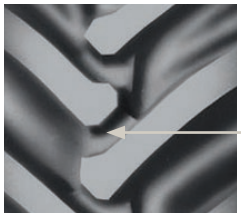



**Notice!** Not for forestry use.

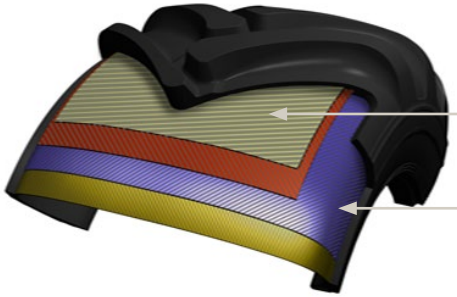
For excavators in forestry applications always use 20 PR forestry tires. **See forestry tires.**

## Reliable traction

- Tubeless tire for excavators
- Excellent tractional features for road contracting and agriculture
- Cut resistant compound
- Steel fortified against punctures



Nokian TRS LS-2 Excavator tread depth measuring point on top of tie-bar

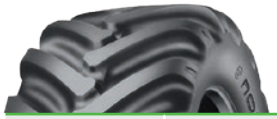


## Nokian TRS LS-2 Excavator with steel fortification

- The tire carcass is protected by steel fortification (SF).
- Multiple ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.

## Sizes

- Nokian TRS LS-2 SF Excavator 600/50-22.5 20PR – T445380
- Nokian TRS LS-2 SF Excavator 700/45-22.5 20PR – T445381



# Nokian TRS LS-2 SF Excavator 600/50-22.5 20PR – T445380

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Steel fortified | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445380 | 600/50-22.5 | 20 | TRS LS-2 | TL | SF | AG20.00 | 601 | 23.7 | 631 | 24.8 | 1 150 | 45.3 | 1 186 | 46.7 | 528 | 20.8 | 3 481 | 137.0 | 480 | 70 | 42 | 53 | 35 | 44 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | 20 km/h | 12 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 320 | 46 | 9 125 | 20 115 | 7 275 | 16 040 | 5 425 | 11 960 | 4 875 | 10 745 | 4 325 | 9 535 | 3 875 | 8 545 |
| 360 | 52 | 10 125 | 22 320 | 7 975 | 17 580 | 5 950 | 13 115 | 5 350 | 11 795 | 4 725 | 10 415 | 4 250 | 9 370 |
| 480 | 70 | 11 200 | 24 690 | 8 925 | 19 675 | 6 650 | 14 660 | 5 975 | 13 170 | 5 300 | 11 685 | 4 750 | 10 470 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 335 | 90 | 250 | 65 | 206 | 55 | 105 | 230 | 311 | 685 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55089 | TR 218 A |



# Nokian TRS LS-2 SF Excavator 700/45-22.5 20PR – T445381

SF = STEEL FORTIFIED TL = TUBELESS, may be fitted with or without tube

| Product code | Size | PR | Pattern | TT/TL | Steel fortified | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445381 | 700/45-22.5 | 20 | TRS LS-2 | TL | SF | AG24.00 | 700 | 27.6 | 735 | 28.9 | 1 150 | 45.3 | 1 186 | 46.7 | 521 | 20.5 | 3 456 | 136.1 | 480 | 70 | 42 | 53 | 35 | 44 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

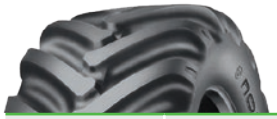
| Inflation pressure | | Load capacity kg/lbs | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | 0 km/h | 0 mph | 5 km/h | 3 mph | 10 km/h | 5 mph | 20 km/h | 12 mph | 30 km/h | 20 mph | 40 km/h | 25 mph |
| 320 | 46 | 10 600 | 23 370 | 8 450 | 18 630 | 6 300 | 13 890 | 5 650 | 12 455 | 5 025 | 11 080 | 4 500 | 9 920 |
| 360 | 52 | 11 775 | 25 960 | 9 400 | 20 725 | 7 000 | 15 430 | 6 275 | 13 835 | 5 575 | 12 290 | 5 000 | 11 025 |
| 480 | 70 | 12 850 | 28 330 | 10 250 | 22 595 | 7 625 | 16 810 | 6 850 | 15 100 | 6 075 | 13 395 | 5 450 | 12 015 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 405 | 105 | 305 | 80 | 249 | 65 | 127 | 280 | 376 | 830 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR 618 A | T55092 | TR 218 A |



# Nokian TRS LS-2 SF Excavator – all sizes

SF = STEEL FORTIFIED  TL = TUBELESS, may be fitted with or without tube

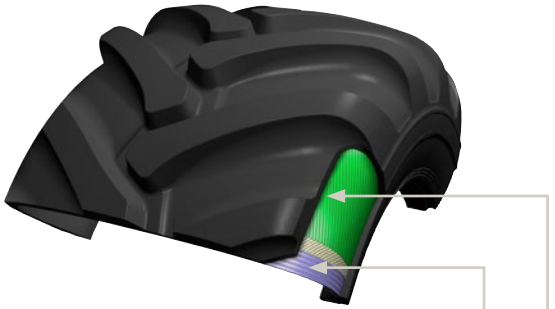
| Product code | Size | PR | Pattern | TT/TL | Steel fortified | Rim | Width | | | | Diameter | | | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Total tread depth | | Tread depth measured on top of tie-bar | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Max | | New | | Max | | | | | | | | | | | |
| | | | | | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kPa | psi | mm | 32 nds in | mm | 32 nds in |
| T445380 | 600/50-22.5 | 20 | TRS LS-2 | TL | SF | AG20.00 | 601 | 23.7 | 631 | 24.8 | 1 150 | 45.3 | 1 186 | 46.7 | 528 | 20.8 | 3 481 | 137.0 | 480 | 70 | 42 | 53 | 35 | 44 |
| T445381 | 700/45-22.5 | 20 | TRS LS-2 | TL | SF | AG24.00 | 700 | 27.6 | 735 | 28.9 | 1 150 | 45.3 | 1 186 | 46.7 | 521 | 20.5 | 3 456 | 136.1 | 480 | 70 | 42 | 53 | 35 | 44 |

# NOKIAN FOREST RIDER




## Efficiency for versatile forestry contracting, tractors and forestry machines

- A sturdy and stable radial special tire for heavy forest-use tractors and forestry machines
- A more pleasant and smoother driving response than with traditional forestry tires, which enhances the comfort and ergonomics of use in versatile harvesting and forest soil cultivating tasks
- High load capacity
- Low rolling resistance reducing fuel consumption
- Excellent traction and grip thanks to radial structure and optimised lug angle



## Radial Tire

The tire carcass is stabilized by an inextensible circumferential belt (SB = steel belt).

- Sidewall puncture protector.
- The ply cords are laid substantially at 90° to the centerline of the tread.

## Sizes

More information on the **Nokian Forest Rider** sizes is available in the **Forestry tires** section on **page 90**.

- Nokian Forest Rider 600/60R28 – T445466
- Nokian Forest Rider 600/70R30 – T445461
- Nokian Forest Rider 600/65R34 – T445460
- Nokian Forest Rider 710/55R34 – T445455
- Nokian Forest Rider 710/70R34 – T445517
- Nokian Forest Rider 650/65R38 – T445464
- Nokian Forest Rider 650/85R38 – T445457

# NOKIAN CT

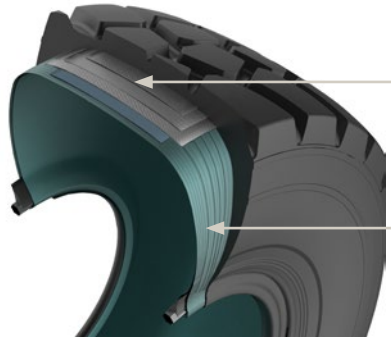



## Nokian CT – Stability for transporting high loads

High loads and versatile working environments require special properties from a tire in construction transporting. Nokian CT is a unique solution to heavy earthmoving trailers. Its strength and stability are on class of its own either at challenging conditions on site or on road.

### PROPERTIES:

- Wide contact area provides good lateral balance and high flotation on soft surfaces
- Tread designed for earthmoving endures rocky surfaces as well as high wearing roads
- Tread grooves have been designed for very good self-cleaning
- Multiple steel cord layers reinforce tread area against punctures
- Ultra strong multilayer construction enables high load capacity and functions stable on all circumstances
- Tread patterns asymmetric block array lowers the noise level on road considerably



- Tire carcass has inextensible circumferential triple-layer-steel belt (SB = steel belt).
- Nokian CT has multi-layer, high-strength radial textile carcass.

## Sizes

More information on the **Nokian CT** sizes is available in the **Agricultural tires** section on **page 157**.

- Nokian CT 560/60R22.5 – T445626
- Nokian CT 600/50R22.5 – T445627
- Nokian CT 600/55R26.5 – T445628
- Nokian CT 600/60R30.5 – T445629
- Nokian CT 650/55R26.5 – T445556

# CONTACT AREAS ON A HARD DRIVING SURFACE

TRI patterns have a significantly larger net contact area compared with traditional tractor drive tires. This results in significant improvement in friction rate, grip, and wear rate.

## Ground contact area ratios

**NORMAL TRACTOR DRIVE TIRE**



**20–25 % NET CONTACT AREA**

**NORMAL SECTION TRI**



**42 % NET CONTACT AREA**

**80 SERIES TRI 2**



**39 % NET CONTACT AREA**

**80 SERIES HAKKAPELIITTA TRI**



**45 % NET CONTACT AREA**

# CONTACT AREAS ON A HARD DRIVING SURFACE

## Contact area on hard surface

The deflection takes place only on the tire and not at all on the ground. The values in the table are valid at the nominal load and air pressure conditions.

## Contact area on soft soil

The deflection takes place mainly on the ground: the tire sinks 15% of its diameter into ground, but the deflection will recover to half of the original value.
It is impossible to compare actual measurements in different places, but comparison between different tire sizes is possible with the help of the table below.
Compared to the corresponding standard dimension TRI 2 tire commonly gives an appr. 5–10% larger contact area.
65 series tires will give an approximately 20 – 30% larger area compared to corresponding sizes with a normal section.

## Nokian TRI 2

| Size | Contact area | | | |
|---|---|---|---|---|
| | Hard surface cm²/in² | | Soft surface cm²/in² | |
| **85-series** | | | | |
| 320/85R28 | 806 | 125 | 1 994 | 309 |
| **80-series** | | | | |
| 250/80R16 | 376 | 58 | 1 091 | 169 |
| 340/80R18 | 711 | 110 | 1 717 | 266 |
| 360/80R20 | 810 | 126 | 1 950 | 302 |
| 300/80R24 | 674 | 104 | 1 608 | 249 |
| 340/80R24 | 755 | 117 | 1 980 | 307 |
| 360/80R24 | 845 | 131 | 2 115 | 328 |
| 400/80R24 | 1 035 | 160 | 2 525 | 391 |
| 440/80R24 | 1 200 | 186 | 2 895 | 449 |
| 360/80R28 | 947 | 147 | 2 324 | 360 |
| 400/80R28 | 1 065 | 165 | 2 730 | 423 |
| 440/80R28 | 1 270 | 197 | 3 120 | 484 |
| 440/80R30 | 1 290 | 200 | 3 230 | 501 |
| 480/80R30 | 1 515 | 235 | 3 665 | 568 |
| 440/80R34 | 1 375 | 213 | 3 455 | 535 |
| 480/80R34 | 1 590 | 246 | 3 910 | 606 |
| 480/80R38 | 1 645 | 255 | 4 150 | 643 |
| 540/80R38 | 2 030 | 315 | 5 030 | 780 |
| 620/80R42 | 2 743 | 425 | 6 434 | 997 |
| **75-series** | | | | |
| 270/75R15 | 371 | 58 | 1 086 | 168 |
| 250/75R16 | 323 | 50 | 1 009 | 156 |
| **70-series** | | | | |
| 360/70R20 | 735 | 114 | 1 835 | 284 |
| 500/70R24 | 1 523 | 236 | 3 608 | 559 |
| **65-series** | | | | |
| 420/65R24 | 960 | 149 | 2 415 | 374 |
| 460/65R24 | 1 178 | 183 | 2 742 | 425 |
| 540/65R24 | 1 523 | 236 | 3 608 | 559 |
| 480/65R28 | 1 352 | 210 | 3 086 | 478 |
| 540/65R28 | 1 639 | 254 | 3 740 | 580 |
| 540/65R30 | 1 698 | 263 | 3 867 | 599 |
| 600/65R38 | 2 239 | 347 | 4 976 | 771 |
| 650/65R38 | 2 524 | 391 | 5 657 | 877 |
| 650/65R42 | 2 666 | 413 | 5 953 | 923 |

## Nokian TRI

| Size | Contact area | | | |
|---|---|---|---|---|
| | Hard surface cm²/in² | | Soft surface cm²/in² | |
| 11.2R24 | 530 | 82 | 1 530 | 237 |
| 16.9R24 | 1 130 | 175 | 2 810 | 436 |
| 16.9R30 | 1 180 | 183 | 3 130 | 485 |
| 18.4R30 | 1 440 | 223 | 3 570 | 553 |
| **65-series** | | | | |
| 420/65R24 | 940 | 146 | 2 370 | 367 |
| 460/65R24 | 1 040 | 161 | 2 650 | 411 |
| 480/65R24 | 1 150 | 178 | 2 910 | 451 |
| 520/65R24 | 1 430 | 222 | 3 410 | 529 |
| 480/65R28 | 1 145 | 177 | 3 070 | 476 |
| 600/65R38 | 2 110 | 327 | 5 020 | 778 |
| **Bias Beltet** | | | | |
| 18.4B30 | 1 440 | 223 | 3 575 | 554 |
| 580/65B30 | 1 870 | 290 | 4 440 | 688 |
| 580/65B34 | 1 990 | 308 | 4 730 | 733 |

# STUDS AND CHAINS

## Studs

Nokian TRI 2 and Nokian TRI patterns offer an excellent winter grip. To gain even more traction and grip in extreme wet icy conditions the tires can be studded. The following schematic pictures show the studding sequence.

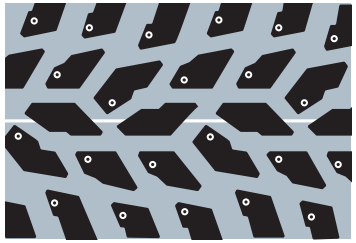
## Stud recommendation

- Recommended types are truck, tractor or construction machine studs
- Maximum stud lenght is 25 mm / 1 in
- Minimum stud flange is 9 mm / 11/32 in

## Stud dimensioning examples

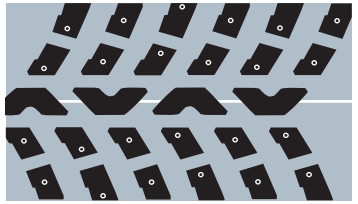
| Stud marking | Stud length | | Flange diameter | | Stud hole diameter | | Stud protrusion | |
|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | mm | in |
| 9 - 15 | 15 | 19/32 | 9 | 11/32 | 4 | 5/32 | 2 | 3/32 |
| 11 - 15 | 15 | 19/32 | 11 | 14/32 | 5 | 6/32 | 2 | 3/32 |
| 11 - 17 | 17 | 21/32 | 11 | 14/32 | 5 | 6/32 | 2.5 | 3/32 |
| 12 - 17 | 17 | 21/32 | 12 | 15/32 | 5 | 6/32 | 2.5 | 3/32 |
| 12 - 20 | 20 | 25/32 | 12 | 15/32 | 5 | 6/32 | 3 | 4/32 |
| 12 - 24 | 24 | 30/32 | 12 | 15/32 | 6 | 8/32 | 3 | 4/32 |
| 16 - 19 | 19 | 24/32 | 16 | 20/32 | 7 | 9/32 | 2.5 | 3/32 |

### NOKIAN HAKKAPELIITTA TRI

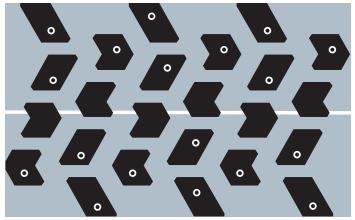


STUD PLACES MARKED.

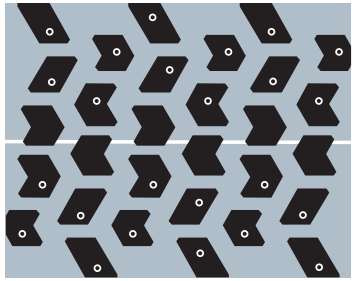
### NOKIAN TRI 2



### NOKIAN TRI



### NOKIAN TRI 65 SERIES



# STUDS AND CHAINS

## Number of studs – Nokian TRI 2

| Size | Pattern | Number of studs |
|---|---|---|
| **85-series** | | |
| 320/85R28 | TRI 2 | 168 |
| **80-series** | | |
| 250/80R16 | TRI 2 | 144 |
| 340/80R18 | TRI 2 | 144 |
| 360/80R20 | TRI 2 | 144 |
| 300/80R24 | TRI 2 | 168 |
| 340/80R24 | TRI 2 | 168 |
| 360/80R24 | TRI 2 | 168 |
| 400/80R24 | TRI 2 | 168 |
| 440/80R24 | TRI 2 | 168 |
| 360/80R28 | TRI 2 | 168 |
| 400/80R28 | TRI 2 | 168 |
| 440/80R28 | TRI 2 | 168 |
| 440/80R30 | TRI 2 | 168 |
| 480/80R30 | TRI 2 | 168 |
| 440/80R34 | TRI 2 | 192 |
| 480/80R34 | TRI 2 | 192 |
| 480/80R38 | TRI 2 | 192 |
| 540/80R38 | TRI 2 | 192 |
| 620/80R42 | TRI 2 | 192 |
| **75-series** | | |
| 270/75R15 | TRI 2 | 144 |
| 250/75R16 | TRI 2 | 144 |
| **70-series** | | |
| 360/70R20 | TRI 2 | 144 |
| 500/70R24 | TRI 2 | 168 |
| **65-series** | | |
| 420/65R24 | TRI 2 | 168 |
| 460/65R24 | TRI 2 | 168 |
| 540/65R24 | TRI 2 | 168 |
| 480/65R28 | TRI 2 | 168 |
| 540/65R28 | TRI 2 | 168 |
| 540/65R30 | TRI 2 | 168 |
| 600/65R38 | TRI 2 | 192 |
| 650/65R38 | TRI 2 | 192 |
| 650/65R42 | TRI 2 | 192 |

## Number of studs – Nokian TRI

| Size | Pattern | Number of studs |
|---|---|---|
| **65-series** | | |
| 460/65R24 | TRI | 176 |
| 480/65R24 | TRI | 184 |
| **Bias Beltet** | | |
| 18.4B34 | TRI | 144 |
| 580/65B30 | TRI | 184 |
| 580/65B34 | TRI | 192 |

## Number of studs – Nokian Hakkapeliitta TRI

| Size | Number of studs | Max. stud flange diameter (mm) | Max. stud height (mm) |
|---|---|---|---|
| 400/70R20 | 168 | 9 | 24 |
| 420/65R24 | 168 | 9 | 24 |
| 360/80R24 | 168 | 9 | 24 |
| 400/80R24 | 168 | 9 | 24 |
| 440/80R24 | 168 | 9 | 24 |
| 400/80R28 | 168 | 9 | 24 |
| 440/80R28 | 168 | 12 | 25 |
| 540/65R30 | 168 | 12 | 25 |
| 440/80R34 | 192 | 12 | 25 |
| 480/80R34 | 192 | 12 | 25 |
| 480/80R38 | 192 | 12 | 25 |
| 540/80R38 | 192 | 12 | 25 |
| 650/65R42 | 192 | 12 | 25 |

## Chains

It is recommended to use chains only for short periods at a time. Chains shorten the tire lifetime. Nokian Heavy Tyres limited warranty doesn't cover any damages made by accessories including the use of chains.

The use of chains comes into question when extreme conditions require additional grip. Then it is recommended to use chains only at low speeds and remove them when they are not needed anymore (i.e. road transit).

Before installing chains inspect them for sharp edges or welding burs.

Ensure that the chains are at the right tightness. Chains too loose can slip on the tire and cause excessive wear.

It is important to check that no chain rings are broken or that no individual rings have turned so that calks cut into the tire. Calks can cut into the tire also when chains are severely worn and over stretched.

# MOUNTING TIRES ON FOUR WHEEL DRIVE TRACTORS

The mounting of tires on a four wheel drive tractor must be done with great care in order to produce the best driving results and maintain the tires' service life. Generally, the actual rolling circumference of a front tire should be 1–4 % higher than the rolling circumference calculated using the gear ratio. Excessive traction in the front tires can cause quick wear and reduce mileage, while insufficient traction in the front tires will make the tractor more difficult to steer. Check the manual of the tractor in question for detailed instructions on the calculation of rolling circumferences (gear ratio). When changing the tire size or type, always check the relationship between the rolling circumferences and make sure that the combination is within the limits given by the manufacturer.

## Examples of the calculation

The basis for the calculation is the gear ratio between the front and rear axle, with which the rolling circumference of the required front tire can be calculated.

### EXAMPLE 1: CALCULATING THE ROLLING CIRCUMFERENCE OF FRONT TIRES

| **Tire size** | **Rolling circumference (from tire manufacturer)** |
|---|---|
| 16.9R28 TRI | 4222 mm |
| 20.8R38 TRI | 5448 mm |

Tractor gear ratio: 1.329. The target is 1–5% traction (lead) for front tires.

5448 mm (rear tire rolling circumference)
–––––––––––––––––––––––––––––––– = 4099 mm (no traction)
1.329 (gear ratio)

1% traction: 1.01 x 4099 mm = 4140 mm
5% traction: 1.05 x 4099 mm = 4304 mm
The selected tire 16.9R28 TRI has a rolling circumference (4140 mm < 4222 mm < 4303 mm) which is within the limit given by the manufacturer.
The front tire's traction is 4222 / 4099 = 1.030, i.e. 3.0%.

### EXAMPLE 2: SWITCHING TO TRI 2 TIRES ON THE ABOVE MENTIONED MACHINE

Gear ratio: 1.329. The target is 1–5% traction for the front tire.

The control calculation must be verified. It must be noted as well that the TRI 2 and TRI tires have a different rolling circumference than a correspondent tire with a lug pattern.

| **Tire size** | **Rolling circumference (from tire manufacturer)** |
|---|---|
| 440/80R28 TRI 2 | 4266 mm |
| 540/80R38 TRI 2 | 5529 mm |

**Verification:**
5529 mm (rear tire rolling circumference)
–––––––––––––––––––––––––––––––– = 4160 mm (traction 0%)
1.329 (gear ratio)

1% traction: 1.01 x 4160 mm = 4202 mm
5% traction: 1.05 x 4160 mm = 4368 mm
The selected tire 440/80R28 has a rolling circumference (4202 mm < 4266 mm < 4368 mm) which is within the limit given by the manufacturer.
The front tire's traction is 4266 / 4160 = 1.025, i.e. 2.5%.

The methods above can be used to check the suitability of new tires when mounting them on a tractor with a known gear ratio. However, if this vital information is not available, you should contact the tractor's manufacturer or importer.



# MULTIPURPOSE TIRES

With all-terrain trucks and military vehicles, you never know what weather or terrain lies ahead. That's why Nokian Tyres puts lots of creative passion into developing and customising our line of all-terrain tires. With the expertise gained over the years and feedback from users, we have been able to create designs that give you the best possible performance on any terrain, any time of the year.

# CONTENTS

## Multipurpose tires



321
Nokian MPT Agile

324 Stud recommendations

**NOTICE!**
Manual may contain technical information also on omitted products.

# NOKIAN MPT AGILE




## Load-carrying capacity for off-road trucks and armoured vehicles

- Both road and off-road use
- Good steering responce
- Low noise level
- Excellent wear resistance
- Excellent mobility for summer and winter
- Developed for use also with studs and chains




## Driving Safety Indicator (DSI)

Remaining tread depth in mm 365/80R20 Nokian MPT Agile

**Notice!** MPT = Multi Purpose Tire

## Sizes

- Nokian MPT Agile 14.00R20 – T445231
- Nokian MPT Agile 365/80R20 – T445431



# Nokian MPT Agile 14.00R20 – T445231

G = 90 km/h / 55 mph

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 90 km/h | 55 mph | mm | 32 nds in |
| T445231 | 14.00R20 | 164 G | MPT Agile | TL | 10.0 (TT), 10.00V (TL, run flat device*) | 9.0, 10.00W (TL, run flat device*) | 380 | 15.0 | 1 264 | 49.8 | 585 | 23.0 | 3 850 | 151.6 | 750 | 109 | 5 600 | 12 345 | 5 000 | 11 025 | 25 | 32 |

* A run flat insert is a mobility aid for tubeless multi-piece wheels. After puncture the run flat device will permit the vehicle to run with a flat tire.

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation Pressure | | 0 km/h | 0 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 60 km/h | 35 mph | 70 km/h | 43 mph | 80 km/h | 50 mph | 90 km/h | 55 mph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 350 | 51 | 6 440 | 14 200 | 4 635 | 10 220 | 3 865 | 8 520 | 3 220 | 7 100 | 2 960 | 6 525 | 2 885 | 6 360 | 2 835 | 6 250 | 2 755 | 6 075 | 2 680 | 5 910 | 2 575 | 5 675 |
| 550 | 80 | 9 125 | 20 115 | 6 570 | 14 485 | 5 475 | 12 070 | 4 562 | 10 055 | 4 200 | 9 260 | 4 090 | 9 015 | 4 015 | 8 850 | 3 905 | 8 610 | 3 795 | 8 365 | 3 650 | 8 045 |
| 750 | 109 | 12 500 | 27 560 | 9 000 | 19 840 | 7 500 | 16 535 | 6 250 | 13 780 | 5 750 | 12 675 | 5 600 | 12 345 | 5 500 | 12 125 | 5 350 | 11 795 | 5 200 | 11 465 | 5 000 | 11 025 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 245 | 65 | 185 | 50 | 151 | 40 | 77 | 170 | 228 | 505 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T52920 | V3.02.16 |



# Nokian MPT Agile 365/80R20 – T445431

G = 90 km/h / 55 mph

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 90 km/h | 55 mph | mm | 32 nds in |
| T445431 | 365/80R20 | 152 G | MPT Agile | TL | 11 | 11 SDC, 12, 12 SDC | 360 | 14.2 | 1 092 | 43.0 | 505 | 19.9 | 3 343 | 131.6 | 625 | 91 | 3 975 | 8 765 | 3 550 | 7 825 | 20 | 19 |

## LOAD CAPACITY VALUES AT DIFFERENT SPEEDS AND PRESSURES

| Inflation Pressure | | 0 km/h | 0 mph | 10 km/h | 5 mph | 20 km/h | 12.5 mph | 30 km/h | 20 mph | 40 km/h | 25 mph | 50 km/h | 30 mph | 60 km/h | 35 mph | 70 km/h | 43 mph | 80 km/h | 50 mph | 90 km/h | 55 mph |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kPa | psi | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 300 | 44 | 5 000 | 11 025 | 3 600 | 7 935 | 3 000 | 6 615 | 2 500 | 5 510 | 2 300 | 5 070 | 2 240 | 4 940 | 2 200 | 4 850 | 2 140 | 4 720 | 2 080 | 4 585 | 2 000 | 4 410 |
| 450 | 65 | 6 810 | 15 015 | 4 905 | 10 815 | 4 090 | 9 015 | 3 405 | 7 505 | 3 135 | 6 910 | 3 050 | 6 725 | 3 000 | 6 615 | 2 915 | 6 425 | 2 835 | 6 250 | 2 725 | 6 010 |
| 575 | 83 | 8 125 | 17 910 | 5 850 | 12 895 | 4 875 | 10 745 | 4 065 | 8 960 | 3 740 | 8 245 | 3 640 | 8 025 | 3 575 | 7 880 | 3 480 | 7 670 | 3 380 | 7 450 | 3 250 | 7 165 |
| 625 | 91 | 8 875 | 19 565 | 6 390 | 14 085 | 5 325 | 11 740 | 4 440 | 9 790 | 4 085 | 9 005 | 3 975 | 8 765 | 3 905 | 8 610 | 3 800 | 8 375 | 3 690 | 8 135 | 3 550 | 7 825 |

## LIQUID AND SALT BALLASTING

| Tire volume 100% | | Water filling (75%) | | Water / salt filling (75% / -30°C / -22°F) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Water | | Salt ($CaCl_2$) | | Total weight increase | |
| l | gal (US) | l | gal (US) | l | gal (US) | kg | lbs | kg | lbs |
| 185 | 50 | 140 | 35 | 114 | 30 | 58 | 130 | 172 | 380 |

## TUBES AND VALVES

| Valve tubeless | Tube product code | Valve tube-type |
|---|---|---|
| TR650 | T55093 | TRJ1175 |



# Nokian MPT Agile – all sizes

| Product code | Size | LI/SS | Pattern | TT/TL | Rim | Permitted rims | Width | | Diameter | | Loaded static radius | | Rolling circumference | | Maximum inflation pressure | | Load capacity kg/lbs | | | | Tread depth | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | mm | in | mm | in | mm | in | mm | in | kPa | psi | 50 km/h | 30 mph | 90 km/h | 55 mph | mm | 32 nds in |
| T445231 | 14.00R20 | 164 G | MPT Agile | TL | 10.0 (TT), 10.00V (TL, run flat device*) | 9.0, 10.00W (TL, run flat device*) | 380 | 15.0 | 1 264 | 49.8 | 585 | 23.0 | 3 850 | 151.6 | 750 | 109 | 5 600 | 12 345 | 5 000 | 11 025 | 25 | 32 |
| T445431 | 365/80R20 | 152 G | MPT Agile | TL | 11 | 11 SDC, 12, 12 SDC | 360 | 14.2 | 1 092 | 43.0 | 505 | 19.9 | 3 343 | 131.6 | 625 | 91 | 3 975 | 8 765 | 3 550 | 7 825 | 20 | 19 |

# STUD RECOMMENDATIONS

## 1) NOKIAN MPT AGILE TIRES ARE PART OF THE TRUCK TIRE NORM. THEREFORE:

Recommended stud for truck tires has a length of 15 mm / 19/32 nds of an inch and flange diameter of 11 mm / 14/32 nds of inch.

| Stud | | | | Drilled stud hole | | | |
|---|---|---|---|---|---|---|---|
| Length | | Flange diameter | | Diameter | | Depth | |
| mm | 32 nds in | mm | 32 nds in | mm | 32 nds in | mm | 32 nds in |
| 15 | 19 | 11 | 14 | 5 | 6 | 13 | 16 |

## 2) NOKIAN MPT AGILE TIRES USED IN MILITARY OR I.E. FIRE TRUCK APPLICATIONS CAN ALSO BE USED WITH 13 MM / 16/32 NDS OF INCH FLANGE STUDS.

This larger flange diameter gives better overall performance, but often requires special approval for the use.

| Stud | | | | Drilled stud hole | | | |
|---|---|---|---|---|---|---|---|
| Length | | Flange diameter | | Diameter | | Depth | |
| mm | 32 nds in | mm | 32 nds in | mm | 32 nds in | mm | 32 nds in |
| 15 | 19 | 13 | 16 | 6 | 8 | 13 | 16 |

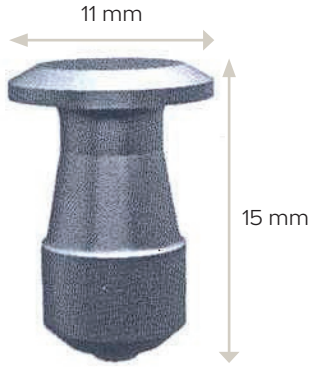
## 3) STUD AMOUNT IN TIRES (EU / SINCE 1ST JULY 2009):

Maximum of 50 pcs of studs allowed for every 1 m / 39,4 inch of tire circumference.

## WITH THE MPT AGILE PATTERN TYPE, THE AMOUNT OF STUDS:

| | |
|---|---|
| 365/80R20 MPT Agile | 171 pcs max (evenly distributed 168 pcs) |
| 14.00R20 MPT Agile | 198 pcs max (evenly distributed 192 pcs) |

## TRUCK TIRE STUD (MAX. 3 G / 0,1 OZ)






## STUD PLACES IN MPT TIRES

**O** = Normal stud places, 144 in total

**X** = Additional stud places, 72 pcs

**Notice!** Please check your local legislation on stud use.



# SPECIAL APPLICATIONS

## General information includes:

326 Nokian TRI 2 trailer

333 Nokian Forest Rider trailer

**NOTICE!** Manual may contain technical information also on omitted products.

# NOKIAN TRI 2 TRAILER

## Load capacity values for implement (free rolling) use

### SIZE: 340/80R18 TRI 2 138 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 420 | 3 130 | 1 760 | 3 880 | 2 140 | 4 720 | 2 350 | 5 180 | 2 750 | 6 065 | 3 080 | 6 790 | 3 340 | 7 365 | 4 040 | 8 905 |
| 25 | 15 | 1 290 | 2 845 | 1 610 | 3 550 | 1 950 | 4 300 | 2 140 | 4 720 | 2 510 | 5 535 | 2 810 | 6 195 | 3 040 | 6 700 | 3 700 | 8 155 |
| 30 | 20 | 1 240 | 2 735 | 1 540 | 3 395 | 1 860 | 4 100 | 2 050 | 4 520 | 2 400 | 5 290 | 2 680 | 5 910 | 2 910 | 6 415 | 3 540 | 7 805 |
| 40 | 25 | 1 110 | 2 445 | 1 390 | 3 065 | 1 680 | 3 705 | 1 840 | 4 055 | 2 160 | 4 760 | 2 420 | 5 335 | 2 620 | 5 775 | 3 180 | 7 010 |
| 65 | 40 | - | - | 1 090 | 2 405 | 1 320 | 2 910 | 1 450 | 3 195 | 1 700 | 3 750 | 1 900 | 4 190 | 2 060 | 4 540 | 2 500 | 5 510 |

### SIZE: 360/80R20 TRI 2 143 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 620 | 3 570 | 2 020 | 4 455 | 2 350 | 5 180 | 2 750 | 6 065 | 3 160 | 6 965 | 3 540 | 7 805 | 3 820 | 8 420 | 4 540 | 10 010 |
| 25 | 15 | 1 480 | 3 265 | 1 850 | 4 080 | 2 140 | 4 720 | 2 510 | 5 535 | 2 880 | 6 350 | 3 220 | 7 100 | 3 500 | 7 715 | 4 140 | 9 125 |
| 30 | 20 | 1 410 | 3 110 | 1 760 | 3 880 | 2 050 | 4 520 | 2 400 | 5 290 | 2 750 | 6 065 | 3 080 | 6 790 | 3 340 | 7 365 | 3 960 | 8 730 |
| 40 | 25 | 1 270 | 2 800 | 1 590 | 3 505 | 1 840 | 4 055 | 2 160 | 4 760 | 2 480 | 5 465 | 2 770 | 6 105 | 3 000 | 6 615 | 3 560 | 7 850 |
| 65 | 40 | - | - | 1 250 | 2 755 | 1 450 | 3 195 | 1 700 | 3 750 | 1 950 | 4 300 | 2 180 | 4 805 | 2 360 | 5 205 | 2 800 | 6 175 |

### SIZE: 300/80R24 TRI 2 128 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 330 | 2 930 | 1 670 | 3 680 | 2 020 | 4 455 | 2 260 | 4 980 | 2 590 | 5 710 | 2 910 | 6 415 | 3 160 | 6 965 |
| 25 | 15 | 1 220 | 2 690 | 1 520 | 3 350 | 1 850 | 4 080 | 2 070 | 4 565 | 2 360 | 5 205 | 2 660 | 5 865 | 2 880 | 6 350 |
| 30 | 20 | 1 160 | 2 555 | 1 450 | 3 195 | 1 760 | 3 880 | 1 980 | 4 365 | 2 260 | 4 980 | 2 540 | 5 600 | 2 750 | 6 065 |
| 40 | 25 | 1 050 | 2 315 | 1 310 | 2 890 | 1 590 | 3 505 | 1 780 | 3 925 | 2 030 | 4 475 | 2 290 | 5 050 | 2 480 | 5 465 |
| 65 | 40 | - | - | 1 030 | 2 270 | 1 250 | 2 755 | 1 400 | 3 085 | 1 600 | 3 525 | 1 800 | 3 970 | 1 950 | 4 300 |

## SIZE: 340/80R24 TRI 2 135 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 620 | 3 570 | 2 020 | 4 455 | 2 350 | 5 180 | 2 750 | 6 065 | 3 160 | 6 965 | 3 540 | 7 805 | 3 820 | 8 420 |
| 25 | 15 | 1 480 | 3 265 | 1 850 | 4 080 | 2 140 | 4 720 | 2 510 | 5 535 | 2 880 | 6 350 | 3 220 | 7 100 | 3 500 | 7 715 |
| 30 | 20 | 1 410 | 3 110 | 1 760 | 3 880 | 2 050 | 4 520 | 2 400 | 5 290 | 2 750 | 6 065 | 3 080 | 6 790 | 3 340 | 7 365 |
| 40 | 25 | 1 270 | 2 800 | 1 590 | 3 505 | 1 840 | 4 055 | 2 160 | 4 760 | 2 480 | 5 465 | 2 770 | 6 105 | 3 000 | 6 615 |
| 65 | 40 | - | - | 1 250 | 2 755 | 1 450 | 3 195 | 1 700 | 3 750 | 1 950 | 4 300 | 2 180 | 4 805 | 2 360 | 5 205 |

## SIZE: 360/80R24 TRI 2 138 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 760 | 3 880 | 2 200 | 4 850 | 2 670 | 5 885 | 2 990 | 6 590 | 3 440 | 7 585 | 3 820 | 8 420 | 4 180 | 9 215 |
| 25 | 15 | 1 610 | 3 550 | 2 010 | 4 430 | 2 440 | 5 380 | 2 730 | 6 020 | 3 140 | 6 920 | 3 500 | 7 715 | 3 800 | 8 375 |
| 30 | 20 | 1 540 | 3 395 | 1 920 | 4 235 | 2 330 | 5 135 | 2 610 | 5 755 | 2 990 | 6 590 | 3 340 | 7 365 | 3 640 | 8 025 |
| 40 | 25 | 1 390 | 3 065 | 1 730 | 3 815 | 2 100 | 4 630 | 2 350 | 5 180 | 2 700 | 5 950 | 3 000 | 6 615 | 3 280 | 7 230 |
| 65 | 40 | - | - | 1 360 | 3 000 | 1 650 | 3 640 | 1 850 | 4 080 | 2 120 | 4 675 | 2 360 | 5 205 | 2 575 | 5 675 |

## SIZE: 400/80R24 TRI 2 144 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2080 | 4585 | 2590 | 5710 | 3160 | 6965 | 3540 | 7805 | 4040 | 8905 | 4540 | 10010 | 4860 | 10715 |
| 25 | 15 | 1900 | 4190 | 2360 | 5205 | 2880 | 6350 | 3220 | 7100 | 3700 | 8155 | 4140 | 9125 | 4440 | 9790 |
| 30 | 20 | 1810 | 3990 | 2260 | 4980 | 2750 | 6065 | 3080 | 6790 | 3540 | 7805 | 3960 | 8730 | 4240 | 9350 |
| 40 | 25 | 1630 | 3595 | 2030 | 4475 | 2480 | 5465 | 2770 | 6105 | 3180 | 7010 | 3560 | 7850 | 3820 | 8420 |
| 65 | 40 | - | - | 1600 | 3525 | 1950 | 4300 | 2180 | 4805 | 2500 | 5510 | 2800 | 6175 | 3000 | 6615 |

## SIZE: 440/80R24 TRI 2 149 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 350 | 5 180 | 2 990 | 6 590 | 3 620 | 7 980 | 4 040 | 8 905 | 4 700 | 10 360 | 5 260 | 11 595 | 5 580 | 12 300 |
| 25 | 15 | 2 140 | 4 720 | 2 730 | 6 020 | 3 320 | 7 320 | 3 700 | 8 155 | 4 280 | 9 435 | 4 800 | 10 580 | 5 100 | 11 245 |
| 30 | 20 | 2 050 | 4 520 | 2 610 | 5 755 | 3 160 | 6 965 | 3 540 | 7 805 | 4 100 | 9 040 | 4 600 | 10 140 | 4 880 | 10 760 |
| 40 | 25 | 1 840 | 4 055 | 2 350 | 5 180 | 2 850 | 6 285 | 3 180 | 7 010 | 3 700 | 8 155 | 4 140 | 9 125 | 4 400 | 9 700 |
| 65 | 40 | - | - | 1 850 | 4 080 | 2 240 | 4 940 | 2 500 | 5 510 | 2 900 | 6 395 | 3 250 | 7 165 | 3 450 | 7 605 |

## SIZE: 360/80R28 TRI 2 142 D

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 910 | 4 210 | 2 350 | 5 180 | 2 830 | 6 240 | 3 240 | 7 145 | 3 720 | 8 200 | 4 180 | 9 215 | 4 420 | 9 745 |
| 25 | 15 | 1 740 | 3 835 | 2 140 | 4 720 | 2 590 | 5 710 | 2 950 | 6 505 | 3 400 | 7 495 | 3 800 | 8 375 | 4 040 | 8 905 |
| 30 | 20 | 1 670 | 3 680 | 2 050 | 4 520 | 2 470 | 5 445 | 2 820 | 6 215 | 3 260 | 7 185 | 3 640 | 8 025 | 3 860 | 8 510 |
| 40 | 25 | 1 500 | 3 305 | 1 840 | 4 055 | 2 230 | 4 915 | 2 540 | 5 600 | 2 920 | 6 435 | 3 280 | 7 230 | 3 480 | 7 670 |
| 65 | 40 | - | - | 1 450 | 3 195 | 1 750 | 3 860 | 2 000 | 4 410 | 2 300 | 5 070 | 2 575 | 5 675 | 2 725 | 6 010 |

## SIZE: 400/80R28 TRI 2 146 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 200 | 4 850 | 2 750 | 6 065 | 3 340 | 7 365 | 3 820 | 8 420 | 4 300 | 9 480 | 4 860 | 10 715 | 5 260 | 11 595 |
| 25 | 15 | 2 010 | 4 430 | 2 510 | 5 535 | 3 040 | 6 700 | 3 500 | 7 715 | 3 920 | 8 640 | 4 440 | 9 790 | 4 800 | 10 580 |
| 30 | 20 | 1 920 | 4 235 | 2 400 | 5 290 | 2 910 | 6 415 | 3 340 | 7 365 | 3 740 | 8 245 | 4 240 | 9 350 | 4 600 | 10 140 |
| 40 | 25 | 1 730 | 3 815 | 2 160 | 4 760 | 2 620 | 5 775 | 3 000 | 6 615 | 3 380 | 7 450 | 3 820 | 8 420 | 4 140 | 9 125 |
| 65 | 40 | - | - | 1 700 | 3 750 | 2 060 | 4 540 | 2 360 | 5 205 | 2 650 | 5 840 | 3 000 | 6 615 | 3 250 | 7 165 |

## SIZE: 440/80R28 TRI 2 151 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 590 | 5 710 | 3 240 | 7 145 | 3 940 | 8 685 | 4 420 | 9 745 | 4 980 | 10 980 | 5 580 | 12 300 | 6 100 | 13 450 |
| 25 | 15 | 2 360 | 5 205 | 2 950 | 6 505 | 3 600 | 7 935 | 4 040 | 8 905 | 4 540 | 10 010 | 5 100 | 11 245 | 5 540 | 12 215 |
| 30 | 20 | 2 260 | 4 980 | 2 820 | 6 215 | 3 440 | 7 585 | 3 860 | 8 510 | 4 340 | 9 570 | 4 880 | 10 760 | 5 300 | 11 685 |
| 40 | 25 | 2 030 | 4 475 | 2 540 | 5 600 | 3 100 | 6 835 | 3 480 | 7 670 | 3 920 | 8 640 | 4 400 | 9 700 | 4 780 | 10 540 |
| 65 | 40 | - | - | 2 000 | 4 410 | 2 430 | 5 355 | 2 725 | 6 010 | 3 075 | 6 780 | 3 450 | 7 605 | 3 750 | 8 265 |

## SIZE: 440/80R30 TRI 2 153 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 670 | 5 885 | 3 340 | 7 365 | 4 040 | 8 905 | 4 540 | 10 010 | 5 100 | 11 245 | 5 740 | 12 655 | 6 300 | 13 890 |
| 25 | 15 | 2 440 | 5 380 | 3 040 | 6 700 | 3 700 | 8 155 | 4 140 | 9 125 | 4 660 | 10 275 | 5 240 | 11 550 | 5 720 | 12 610 |
| 30 | 20 | 2 330 | 5 135 | 2 910 | 6 415 | 3 540 | 7 805 | 3 960 | 8 730 | 4 460 | 9 835 | 5 020 | 11 065 | 5 480 | 12 080 |
| 40 | 25 | 2 100 | 4 630 | 2 620 | 5 775 | 3 180 | 7 010 | 3 560 | 7 850 | 4 020 | 8 860 | 4 520 | 9 965 | 4 940 | 10 890 |
| 65 | 40 | - | - | 2 060 | 4 540 | 2 500 | 5 510 | 2 800 | 6 175 | 3 150 | 6 945 | 3 550 | 7 825 | 3 875 | 8 545 |

## SIZE: 480/80R30 TRI 2 157 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 080 | 6 790 | 3 820 | 8 420 | 4 540 | 10 010 | 5 100 | 11 245 | 5 900 | 13 005 | 6 700 | 14 770 | 7 100 | 15 655 |
| 25 | 15 | 2 810 | 6 195 | 3 500 | 7 715 | 4 140 | 9 125 | 4 660 | 10 275 | 5 400 | 11 905 | 6 100 | 13 450 | 6 500 | 14 330 |
| 30 | 20 | 2 680 | 5 910 | 3 340 | 7 365 | 3 960 | 8 730 | 4 460 | 9 835 | 5 160 | 11 375 | 5 820 | 12 830 | 6 200 | 13 670 |
| 40 | 25 | 2 420 | 5 335 | 3 000 | 6 615 | 3 560 | 7 850 | 4 020 | 8 860 | 4 640 | 10 230 | 5 260 | 11 595 | 5 560 | 12 260 |
| 65 | 40 | - | - | 2 360 | 5 205 | 2 800 | 6 175 | 3 150 | 6 945 | 3 650 | 8 045 | 4 125 | 9 095 | 4 375 | 9 645 |

## SIZE: 440/80R34 TRI 2 155 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 830 | 6 240 | 3 540 | 7 805 | 4 300 | 9 480 | 4 860 | 10 715 | 5 420 | 11 950 | 6 100 | 13 450 | 6 700 | 14 770 |
| 25 | 15 | 2 590 | 5 710 | 3 220 | 7 100 | 3 920 | 8 640 | 4 440 | 9 790 | 4 960 | 10 935 | 5 540 | 12 215 | 6 100 | 13 450 |
| 30 | 20 | 2 470 | 5 445 | 3 080 | 6 790 | 3 740 | 8 245 | 4 240 | 9 350 | 4 740 | 10 450 | 5 300 | 11 685 | 5 820 | 12 830 |
| 40 | 25 | 2 230 | 4 915 | 2 770 | 6 105 | 3 380 | 7 450 | 3 820 | 8 420 | 4 260 | 9 390 | 4 780 | 10 540 | 5 260 | 11 595 |
| 65 | 40 | - | - | 2 180 | 4 805 | 2 650 | 5 840 | 3 000 | 6 615 | 3 350 | 7 385 | 3 750 | 8 265 | 4 125 | 9 095 |

## SIZE: 480/80R34 TRI 2 159D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 240 | 7 145 | 4 040 | 8 905 | 4 860 | 10 715 | 5 420 | 11 950 | 6 300 | 13 890 | 7 100 | 15 655 | 7 500 | 16 535 |
| 25 | 15 | 2 950 | 6 505 | 3 700 | 8 155 | 4 440 | 9 790 | 4 960 | 10 935 | 5 720 | 12 610 | 6 500 | 14 330 | 6 850 | 15 100 |
| 30 | 20 | 2 820 | 6 215 | 3 540 | 7 805 | 4 240 | 9 350 | 4 740 | 10 450 | 5 480 | 12 080 | 6 200 | 13 670 | 6 550 | 14 440 |
| 40 | 25 | 2 540 | 5 600 | 3 180 | 7 010 | 3 820 | 8 420 | 4 260 | 9 390 | 4 940 | 10 890 | 5 560 | 12 260 | 5 880 | 12 965 |
| 65 | 40 | - | - | 2 500 | 5 510 | 3 000 | 6 615 | 3 350 | 7 385 | 3 875 | 8 545 | 4 375 | 9 645 | 4 625 | 10 195 |

## SIZE: 480/80R38 TRI 2 161 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 440 | 7 585 | 4 300 | 9 480 | 5 100 | 11 245 | 5 740 | 12 655 | 6 700 | 14 770 | 7 500 | 16 535 | 7 900 | 17 415 |
| 25 | 15 | 3 140 | 6 920 | 3 920 | 8 640 | 4 660 | 10 275 | 5 240 | 11 550 | 6 100 | 13 450 | 6 850 | 15 100 | 7 200 | 15 875 |
| 30 | 20 | 2 990 | 6 590 | 3 740 | 8 245 | 4 460 | 9 835 | 5 020 | 11 065 | 5 820 | 12 830 | 6 550 | 14 440 | 6 900 | 15 210 |
| 40 | 25 | 2 700 | 5 950 | 3 380 | 7 450 | 4 020 | 8 860 | 4 520 | 9 965 | 5 260 | 11 595 | 5 880 | 12 965 | 6 200 | 13 670 |
| 65 | 40 | - | - | 2 650 | 5 840 | 3 150 | 6 945 | 3 550 | 7 825 | 4 125 | 9 095 | 4 625 | 10 195 | 4 875 | 10 745 |

## SIZE: 540/80R38 TRI 2 167 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 040 | 8 905 | 5 100 | 11 245 | 6 100 | 13 450 | 6 900 | 15 210 | 7 900 | 17 415 | 8 850 | 19 510 | 9 400 | 20 725 |
| 25 | 15 | 3 700 | 8 155 | 4 660 | 10 275 | 5 540 | 12 215 | 6 300 | 13 890 | 7 200 | 15 875 | 8 050 | 17 745 | 8 600 | 18 960 |
| 30 | 20 | 3 540 | 7 805 | 4 460 | 9 835 | 5 300 | 11 685 | 6 000 | 13 230 | 6 900 | 15 210 | 7 700 | 16 975 | 8 200 | 18 080 |
| 40 | 25 | 3 180 | 7 010 | 4 020 | 8 860 | 4 780 | 10 540 | 5 400 | 11 905 | 6 200 | 13 670 | 6 950 | 15 320 | 7 400 | 16 315 |
| 65 | 40 | - | - | 3 150 | 6 945 | 3 750 | 8 265 | 4 250 | 9 370 | 4 875 | 10 745 | 5 450 | 12 015 | 5 800 | 12 785 |

## SIZE: 360/70R20 TRI 2 131 D

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 460 | 3 220 | 1 810 | 3 990 | 2 200 | 4 850 | 2 350 | 5 180 | 2 830 | 6 240 | 3 160 | 6 965 | 3 440 | 7 585 |
| 25 | 15 | 1 330 | 2 930 | 1 650 | 3 640 | 2 010 | 4 430 | 2 140 | 4 720 | 2 590 | 5 710 | 2 880 | 6 350 | 3 140 | 6 920 |
| 30 | 20 | 1 270 | 2 800 | 1 580 | 3 485 | 1 920 | 4 235 | 2 050 | 4 520 | 2 470 | 5 445 | 2 750 | 6 065 | 2 990 | 6 590 |
| 40 | 25 | 1 140 | 2 515 | 1 420 | 3 130 | 1 730 | 3 815 | 1 840 | 4 055 | 2 230 | 4 915 | 2 480 | 5 465 | 2 700 | 5 950 |
| 65 | 40 | - | - | 1 120 | 2 470 | 1 360 | 3 000 | 1 450 | 3 195 | 1 750 | 3 860 | 1 950 | 4 300 | 2 120 | 4 675 |

## SIZE: 500/70R24 (19.5LR24) TRI2 159 D SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 590 | 5 710 | 3 240 | 7 145 | 3 940 | 8 685 | 4 420 | 9 745 | 5 100 | 11 245 | 5 740 | 12 655 | 6 100 | 13 450 | 7 300 | 16 095 |
| 25 | 15 | 2 360 | 5 205 | 2 950 | 6 505 | 3 600 | 7 935 | 4 040 | 8 905 | 4 660 | 10 275 | 5 240 | 11 550 | 5 540 | 12 215 | 6 650 | 14 660 |
| 30 | 20 | 2 260 | 4 980 | 2 820 | 6 215 | 3 440 | 7 585 | 3 860 | 8 510 | 4 460 | 9 835 | 5 020 | 11 065 | 5 300 | 11 685 | 6 350 | 14 000 |
| 40 | 25 | 2 030 | 4 475 | 2 540 | 5 600 | 3 100 | 6 835 | 3 480 | 7 670 | 4 020 | 8 860 | 4 520 | 9 965 | 4 780 | 10 540 | 5 720 | 12 610 |
| 65 | 40 | - | - | 2 000 | 4 410 | 2 430 | 5 355 | 2 725 | 6 010 | 3 150 | 6 945 | 3 550 | 7 825 | 3 750 | 8 265 | 4 500 | 9 920 |

## SIZE: 420/65R24 TRI 2 146 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 1 860 | 4 100 | 2 350 | 5 180 | 2 830 | 6 240 | 3 160 | 6 965 | 3 620 | 7 980 | 4 040 | 8 905 | 4 420 | 9 745 | 5 260 | 11 595 |
| 25 | 15 | 1 700 | 3 750 | 2 140 | 4 720 | 2 590 | 5 710 | 2 880 | 6 350 | 3 320 | 7 320 | 3 700 | 8 155 | 4 040 | 8 905 | 4 800 | 10 580 |
| 30 | 20 | 1 620 | 3 570 | 2 050 | 4 520 | 2 470 | 5 445 | 2 750 | 6 065 | 3 160 | 6 965 | 3 540 | 7 805 | 3 860 | 8 510 | 4 600 | 10 140 |
| 40 | 25 | 1 460 | 3 220 | 1 840 | 4 055 | 2 230 | 4 915 | 2 480 | 5 465 | 2 850 | 6 285 | 3 180 | 7 010 | 3 480 | 7 670 | 4 140 | 9 125 |
| 65 | 40 | - | - | 1 450 | 3 195 | 1 750 | 3 860 | 1 950 | 4 300 | 2 240 | 4 940 | 2 500 | 5 510 | 2 725 | 6 010 | 3 250 | 7 165 |

## SIZE: 460/65R24 TRI 2 151 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 140 | 4 720 | 2 670 | 5 885 | 3 240 | 7 145 | 3 620 | 7 980 | 4 180 | 9 215 | 4 700 | 10 360 | 4 980 | 10 980 | 6 100 | 13 450 |
| 25 | 15 | 1 950 | 4 300 | 2 440 | 5 380 | 2 950 | 6 505 | 3 320 | 7 320 | 3 800 | 8 375 | 4 280 | 9 435 | 4 540 | 10 010 | 5 540 | 12 215 |
| 30 | 20 | 1 860 | 4 100 | 2 330 | 5 135 | 2 820 | 6 215 | 3 160 | 6 965 | 3 640 | 8 025 | 4 100 | 9 040 | 4 340 | 9 570 | 5 300 | 11 685 |
| 40 | 25 | 1 680 | 3 705 | 2 100 | 4 630 | 2 540 | 5 600 | 2 850 | 6 285 | 3 280 | 7 230 | 3 700 | 8 155 | 3 920 | 8 640 | 4 780 | 10 540 |
| 65 | 40 | - | - | 1 650 | 3 640 | 2 000 | 4 410 | 2 240 | 4 940 | 2 575 | 5 675 | 2 900 | 6 395 | 3 075 | 6 780 | 3 750 | 8 265 |

## SIZE: 540/65R24 TRI 2 154 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 750 | 6 065 | 3 440 | 7 585 | 4 180 | 9 215 | 4 700 | 10 360 | 5 420 | 11 950 | 6 100 | 13 450 | 6 500 | 14 330 | 7 700 | 16 975 |
| 25 | 15 | 2 510 | 5 535 | 3 140 | 6 920 | 3 800 | 8 375 | 4 280 | 9 435 | 4 960 | 10 935 | 5 540 | 12 215 | 5 920 | 13 050 | 7 050 | 15 540 |
| 30 | 20 | 2 400 | 5 290 | 2 990 | 6 590 | 3 640 | 8 025 | 4 100 | 9 040 | 4 740 | 10 450 | 5 300 | 11 685 | 5 660 | 12 480 | 6 750 | 14 880 |
| 40 | 25 | 2 160 | 4 760 | 2 700 | 5 950 | 3 280 | 7 230 | 3 700 | 8 155 | 4 260 | 9 390 | 4 780 | 10 540 | 5 100 | 11 245 | 6 050 | 13 340 |
| 65 | 40 | - | - | 2 120 | 4 675 | 2 575 | 5 675 | 2 900 | 6 395 | 3 350 | 7 385 | 3 750 | 8 265 | 4 000 | 8 820 | 4 750 | 10 470 |

## SIZE: 480/65R28 TRI 2 149 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 350 | 5 180 | 3 080 | 6 790 | 3 720 | 8 200 | 4 180 | 9 215 | 4 700 | 10 360 | 5 420 | 11 950 | 5 740 | 12 655 |
| 25 | 15 | 2 140 | 4 720 | 2 810 | 6 195 | 3 400 | 7 495 | 3 800 | 8 375 | 4 280 | 9 435 | 4 960 | 10 935 | 5 240 | 11 550 |
| 30 | 20 | 2 050 | 4 520 | 2 680 | 5 910 | 3 260 | 7 185 | 3 640 | 8 025 | 4 100 | 9 040 | 4 740 | 10 450 | 5 020 | 11 065 |
| 40 | 25 | 1 840 | 4 055 | 2 420 | 5 335 | 2 920 | 6 435 | 3 280 | 7 230 | 3 700 | 8 155 | 4 260 | 9 390 | 4 520 | 9 965 |
| 65 | 40 | - | - | 1 900 | 4 190 | 2 300 | 5 070 | 2 575 | 5 675 | 2 900 | 6 395 | 3 350 | 7 385 | 3 550 | 7 825 |

## SIZE: 540/65R28 TRI 2 155 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 990 | 6 590 | 3 720 | 8 200 | 4 420 | 9 745 | 4 980 | 10 980 | 5 740 | 12 655 | 6 500 | 14 330 | 6 900 | 15 210 |
| 25 | 15 | 2 730 | 6 020 | 3 400 | 7 495 | 4 040 | 8 905 | 4 540 | 10 010 | 5 240 | 11 550 | 5 920 | 13 050 | 6 300 | 13 890 |
| 30 | 20 | 2 610 | 5 755 | 3 260 | 7 185 | 3 860 | 8 510 | 4 340 | 9 570 | 5 020 | 11 065 | 5 660 | 12 480 | 6 000 | 13 230 |
| 40 | 25 | 2 350 | 5 180 | 2 920 | 6 435 | 3 480 | 7 670 | 3 920 | 8 640 | 4 520 | 9 965 | 5 100 | 11 245 | 5 400 | 11 905 |
| 65 | 40 | - | - | 2 300 | 5 070 | 2 725 | 6 010 | 3 075 | 6 780 | 3 550 | 7 825 | 4 000 | 8 820 | 4 250 | 9 370 |

## SIZE: 540/65R30 TRI 2 156 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 080 | 6 790 | 3 820 | 8 420 | 4 540 | 10 010 | 5 100 | 11 245 | 5 900 | 13 005 | 6 700 | 14 770 | 7 100 | 15 655 |
| 25 | 15 | 2 810 | 6 195 | 3 500 | 7 715 | 4 140 | 9 125 | 4 660 | 10 275 | 5 400 | 11 905 | 6 100 | 13 450 | 6 500 | 14 330 |
| 30 | 20 | 2 680 | 5 910 | 3 340 | 7 365 | 3 960 | 8 730 | 4 460 | 9 835 | 5 160 | 11 375 | 5 820 | 12 830 | 6 200 | 13 670 |
| 40 | 25 | 2 420 | 5 335 | 3 000 | 6 615 | 3 560 | 7 850 | 4 020 | 8 860 | 4 640 | 10 230 | 5 260 | 11 595 | 5 560 | 12 260 |
| 65 | 40 | - | - | 2 360 | 5 205 | 2 800 | 6 175 | 3 150 | 6 945 | 3 650 | 8 045 | 4 125 | 9 095 | 4 375 | 9 645 |

## SIZE: 600/65R38 TRI 2 166 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 040 | 8 905 | 4 980 | 10 980 | 6 100 | 13 450 | 6 900 | 15 210 | 7 700 | 16 975 | 8 850 | 19 510 | 9 400 | 20 725 |
| 25 | 15 | 3 700 | 8 155 | 4 540 | 10 010 | 5 540 | 12 215 | 6 300 | 13 890 | 7 050 | 15 540 | 8 050 | 17 745 | 8 600 | 18 960 |
| 30 | 20 | 3 540 | 7 805 | 4 340 | 9 570 | 5 300 | 11 685 | 6 000 | 13 230 | 6 750 | 14 880 | 7 700 | 16 975 | 8 200 | 18 080 |
| 40 | 25 | 3 180 | 7 010 | 3 920 | 8 640 | 4 780 | 10 540 | 5 400 | 11 905 | 6 050 | 13 340 | 6 950 | 15 320 | 7 400 | 16 315 |
| 65 | 40 | - | - | 3 075 | 6 780 | 3 750 | 8 265 | 4 250 | 9 370 | 4 750 | 10 470 | 5 450 | 12 015 | 5 800 | 12 785 |

## SIZE: 650/65R38 TRI 2 170 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 540 | 10 010 | 5 580 | 12 300 | 6 900 | 15 210 | 7 700 | 16 975 | 8 850 | 19 510 | 9 950 | 21 935 | 10 550 | 23 260 |
| 25 | 15 | 4 140 | 9 125 | 5 100 | 11 245 | 6 300 | 13 890 | 7 050 | 15 540 | 8 050 | 17 745 | 9 100 | 20 060 | 9 600 | 21 165 |
| 30 | 20 | 3 960 | 8 730 | 4 880 | 10 760 | 6 000 | 13 230 | 6 750 | 14 880 | 7 700 | 16 975 | 8 700 | 19 180 | 9 200 | 20 280 |
| 40 | 25 | 3 560 | 7 850 | 4 400 | 9 700 | 5 400 | 11 905 | 6 050 | 13 340 | 6 950 | 15 320 | 7 850 | 17 305 | 8 300 | 18 300 |
| 65 | 40 | - | - | 3 450 | 7 605 | 4 250 | 9 370 | 4 750 | 10 470 | 5 450 | 12 015 | 6 150 | 13 560 | 6 500 | 14 330 |

## SIZE: 650/65R42 TRI 2 171 D TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 700 | 10 360 | 5 900 | 13 005 | 7 100 | 15 655 | 8 100 | 17 855 | 9 100 | 20 060 | 10 200 | 22 485 | 11 200 | 24 690 |
| 25 | 15 | 4 280 | 9 435 | 5 400 | 11 905 | 6 500 | 14 330 | 7 400 | 16 315 | 8 300 | 18 300 | 9 350 | 20 615 | 10 200 | 22 485 |
| 30 | 20 | 4 100 | 9 040 | 5 160 | 11 375 | 6 200 | 13 670 | 7 100 | 15 655 | 7 950 | 17 525 | 8 900 | 19 620 | 9 750 | 21 495 |
| 40 | 25 | 3 700 | 8 155 | 4 640 | 10 230 | 5 560 | 12 260 | 6 400 | 14 110 | 7 150 | 15 765 | 8 050 | 17 745 | 8 800 | 19 400 |
| 65 | 40 | - | - | 3 650 | 8 045 | 4 375 | 9 645 | 5 000 | 11 025 | 5 600 | 12 345 | 6 300 | 13 890 | 6 900 | 15 210 |

# NOKIAN FOREST RIDER TRAILER

## Load capacity values for implement (free rolling) use

### SIZE: 650/45R24.5 FOREST RIDER 161 A8 / 168 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi | 5.0 bar | 73 psi | 5.5 bar | 80 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 2 970 | 6 550 | 3 720 | 8 200 | 4 500 | 9 920 | 5 040 | 11 110 | 5 860 | 12 920 | 6 600 | 14 550 | 7 000 | 15 430 | 7 650 | 16 865 | 8 350 | 18 410 | 9 550 | 21 055 | 10 100 | 22 265 |
| 20 | 12.5 | 2 730 | 6 020 | 3 400 | 7 495 | 4 140 | 9 125 | 4 620 | 10 185 | 5 380 | 11 860 | 6 050 | 13 340 | 6 400 | 14 110 | 7 050 | 15 540 | 7 650 | 16 865 | 8 750 | 19 290 | 9 250 | 20 395 |
| 25 | 15 | 2 610 | 5 755 | 3 260 | 7 185 | 3 960 | 8 730 | 4 440 | 9 790 | 5 140 | 11 330 | 5 780 | 12 745 | 6 150 | 13 560 | 6 750 | 14 880 | 7 350 | 16 205 | 8 400 | 18 520 | 8 850 | 19 510 |
| 30 | 20 | 2 500 | 5 510 | 3 120 | 6 880 | 3 780 | 8 335 | 4 240 | 9 350 | 4 920 | 10 845 | 5 520 | 12 170 | 5 860 | 12 920 | 6 450 | 14 220 | 7 000 | 15 430 | 8 050 | 17 745 | 8 500 | 18 740 |
| 40 | 25 | - | - | 2 810 | 6 195 | 3 400 | 7 495 | 3 820 | 8 420 | 4 420 | 9 745 | 4 980 | 10 980 | 5 280 | 11 640 | 5 780 | 12 745 | 6 300 | 13 890 | 7 250 | 15 985 | 7 650 | 16 865 |

NOTICE! Top speed 40 km/h / Max inflation pressure 5.5 bar

### SIZE: 600/55R26.5 FOREST RIDER 165 A8 / 172 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 240 | 7 145 | 4 040 | 8 905 | 4 920 | 10 845 | 5 540 | 12 215 | 6 400 | 14 110 | 7 200 | 15 875 | 7 650 | 16 865 | 8 350 | 18 410 | 9 300 | 20 505 | 10 450 | 23 040 |
| 20 | 12.5 | 2 970 | 6 550 | 3 700 | 8 155 | 4 500 | 9 920 | 5 080 | 11 200 | 5 860 | 12 920 | 6 600 | 14 550 | 7 050 | 15 540 | 7 650 | 16 865 | 8 500 | 18 740 | 9 600 | 21 165 |
| 25 | 15 | 2 850 | 6 285 | 3 540 | 7 805 | 4 320 | 9 525 | 4 860 | 10 715 | 5 620 | 12 390 | 6 350 | 14 000 | 6 750 | 14 880 | 7 350 | 16 205 | 8 150 | 17 965 | 9 200 | 20 280 |
| 30 | 20 | 2 720 | 5 995 | 3 400 | 7 495 | 4 120 | 9 085 | 4 660 | 10 275 | 5 380 | 11 860 | 6 050 | 13 340 | 6 450 | 14 220 | 7 000 | 15 430 | 7 800 | 17 195 | 8 800 | 19 400 |
| 40 | 25 | - | - | 3 060 | 6 745 | 3 720 | 8 200 | 4 200 | 9 260 | 4 840 | 10 670 | 5 440 | 11 995 | 5 780 | 12 745 | 6 300 | 13 890 | 7 050 | 15 540 | 7 900 | 17 415 |

NOTICE! Top speed 40 km/h / Max inflation pressure 5.0 bar

### SIZE: 710/45R26.5 FOREST RIDER 168 A8 / 175 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi | 5.0 bar | 73 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 520 | 7 760 | 4 380 | 9 655 | 5 400 | 11 905 | 6 050 | 13 340 | 6 750 | 14 880 | 7 650 | 16 865 | 8 350 | 18 410 | 9 000 | 19 840 | 10 100 | 22 265 | 11 100 | 24 470 |
| 20 | 12.5 | 3 220 | 7 100 | 4 020 | 8 860 | 4 960 | 10 935 | 5 540 | 12 215 | 6 200 | 13 670 | 7 050 | 15 540 | 7 650 | 16 865 | 8 250 | 18 190 | 9 250 | 20 395 | 10 150 | 22 375 |
| 25 | 15 | 3 100 | 6 835 | 3 840 | 8 465 | 4 740 | 10 450 | 5 300 | 11 685 | 5 940 | 13 095 | 6 750 | 14 880 | 7 350 | 16 205 | 7 900 | 17 415 | 8 850 | 19 510 | 9 750 | 21 495 |
| 30 | 20 | 2 950 | 6 505 | 3 680 | 8 115 | 4 540 | 10 010 | 5 060 | 11 155 | 5 680 | 12 520 | 6 450 | 14 220 | 7 000 | 15 430 | 7 550 | 16 645 | 8 500 | 18 740 | 9 300 | 20 505 |
| 40 | 25 | - | - | 3 320 | 7 320 | 4 080 | 8 995 | 4 560 | 10 055 | 5 100 | 11 245 | 5 780 | 12 745 | 6 300 | 13 890 | 6 800 | 14 990 | 7 650 | 16 865 | 8 400 | 18 520 |

NOTICE! Top speed 40 km/h / Max inflation pressure 5.0 bar

## SIZE: 800/50R26.5 FOREST RIDER 180 A8 / 187 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi | 5.0 bar | 73 psi | 5.5 bar | 80 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 640 | 10 230 | 5 860 | 12 920 | 7 000 | 15 430 | 7 900 | 17 415 | 9 000 | 19 840 | 10 100 | 22 265 | 11 100 | 24 470 | 12 100 | 26 675 | 13 150 | 28 990 | 14 850 | 32 740 | 16 200 | 35 715 |
| 20 | 12.5 | 4 260 | 9 390 | 5 380 | 11 860 | 6 400 | 14 110 | 7 250 | 15 985 | 8 250 | 18 190 | 9 250 | 20 395 | 10 150 | 22 375 | 11 100 | 24 470 | 12 050 | 26 565 | 13 650 | 30 095 | 14 850 | 32 740 |
| 25 | 15 | 4 080 | 8 995 | 5 140 | 11 330 | 6 150 | 13 560 | 6 950 | 15 320 | 7 900 | 17 415 | 8 850 | 19 510 | 9 750 | 21 495 | 10 600 | 23 370 | 11 550 | 25 465 | 13 050 | 28 770 | 14 250 | 31 415 |
| 30 | 20 | 3 900 | 8 600 | 4 920 | 10 845 | 5 860 | 12 920 | 6 650 | 14 660 | 7 550 | 16 645 | 8 500 | 18 740 | 9 300 | 20 505 | 10 150 | 22 375 | 11 050 | 24 360 | 12 500 | 27 560 | 13 600 | 29 985 |
| 40 | 25 | - | - | 4 420 | 9 745 | 5 280 | 11 640 | 5 960 | 13 140 | 6 800 | 14 990 | 7 650 | 16 865 | 8 400 | 18 520 | 9 150 | 20 170 | 9 950 | 21 935 | 11 250 | 24 800 | 12 250 | 27 005 |

NOTICE! Top speed 40 km/h / Max inflation pressure 5.5 bar

## SIZE: 600/60R28 FOREST RIDER 159 A8 / 167 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 3 600 | 7 935 | 4 500 | 9 920 | 5 400 | 11 905 | 6 050 | 13 340 | 7 000 | 15 430 | 7 900 | 17 415 | 8 550 | 18 850 | 9 300 | 20 505 | 10 100 | 22 265 |
| 20 | 12.5 | 3 300 | 7 275 | 4 140 | 9 125 | 4 960 | 10 935 | 5 540 | 12 215 | 6 400 | 14 110 | 7 250 | 15 985 | 7 850 | 17 305 | 8 500 | 18 740 | 9 250 | 20 395 |
| 25 | 15 | 3 160 | 6 965 | 3 960 | 8 730 | 4 740 | 10 450 | 5 300 | 11 685 | 6 150 | 13 560 | 6 950 | 15 320 | 7 550 | 16 645 | 8 150 | 17 965 | 8 850 | 19 510 |
| 30 | 20 | 3 020 | 6 660 | 3 780 | 8 335 | 4 540 | 10 010 | 5 060 | 11 155 | 5 860 | 12 920 | 6 650 | 14 660 | 7 200 | 15 875 | 7 800 | 17 195 | 8 500 | 18 740 |
| 40 | 25 | 2 720 | 5 995 | 3 400 | 7 495 | 4 080 | 8 995 | 4 560 | 10 055 | 5 280 | 11 640 | 5 960 | 13 140 | 6 500 | 14 330 | 7 050 | 15 540 | 7 650 | 16 865 |
| 50 | 30 | - | - | 3 040 | 6 700 | 3 640 | 8 025 | 4 060 | 8 950 | 4 700 | 10 360 | 5 300 | 11 685 | 5 760 | 12 700 | 6 250 | 13 780 | 6 800 | 14 990 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar

## SIZE: 600/70R30 FOREST RIDER 165 A8 / 172 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4260 | 9390 | 5400 | 11905 | 6400 | 14110 | 7200 | 15875 | 8350 | 18410 | 9300 | 20505 | 10100 | 22265 | 11100 | 24470 | 12100 | 26675 |
| 20 | 12.5 | 3900 | 8600 | 4960 | 10935 | 5860 | 12920 | 6600 | 14550 | 7650 | 16865 | 8500 | 18740 | 9250 | 20395 | 10150 | 22375 | 11100 | 24470 |
| 25 | 15 | 3740 | 8245 | 4740 | 10450 | 5620 | 12390 | 6350 | 14000 | 7350 | 16205 | 8150 | 17965 | 8850 | 19510 | 9750 | 21495 | 10600 | 23370 |
| 30 | 20 | 3580 | 7890 | 4540 | 10010 | 5380 | 11860 | 6050 | 13340 | 7000 | 15430 | 7800 | 17195 | 8500 | 18740 | 9300 | 20505 | 10150 | 22375 |
| 40 | 25 | 3220 | 7100 | 4080 | 8995 | 4840 | 10670 | 5440 | 11995 | 6300 | 13890 | 7050 | 15540 | 7650 | 16865 | 8400 | 18520 | 9150 | 20170 |
| 50 | 30 | - | - | 3640 | 8025 | 4300 | 9480 | 4840 | 10670 | 5600 | 12345 | 6250 | 13780 | 6800 | 14990 | 7450 | 16425 | 8150 | 17965 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar

## SIZE: 600/65R34 FOREST RIDER 165 A8 / 172 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 260 | 9 390 | 5 220 | 11 510 | 6 400 | 14 110 | 7 200 | 15 875 | 8 100 | 17 855 | 9 300 | 20 505 | 9 850 | 21 715 | 10 800 | 23 810 | 11 700 | 25 795 |
| 20 | 12.5 | 3 900 | 8 600 | 4 800 | 10 580 | 5 860 | 12 920 | 6 600 | 14 550 | 7 450 | 16 425 | 8 500 | 18 740 | 9 000 | 19 840 | 9 900 | 21 825 | 10 750 | 23 700 |
| 25 | 15 | 3 740 | 8 245 | 4 600 | 10 140 | 5 620 | 12 390 | 6 350 | 14 000 | 7 150 | 15 765 | 8 150 | 17 965 | 8 650 | 19 070 | 9 500 | 20 945 | 10 300 | 22 705 |
| 30 | 20 | 3 580 | 7 890 | 4 380 | 9 655 | 5 380 | 11 860 | 6 050 | 13 340 | 6 800 | 14 990 | 7 800 | 17 195 | 8 250 | 18 190 | 9 100 | 20 060 | 9 850 | 21 715 |
| 40 | 25 | 3 220 | 7 100 | 3 960 | 8 730 | 4 840 | 10 670 | 5 440 | 11 995 | 6 150 | 13 560 | 7 050 | 15 540 | 7 450 | 16 425 | 8 200 | 18 080 | 8 850 | 19 510 |
| 50 | 30 | - | - | 3 520 | 7 760 | 4 300 | 9 480 | 4 840 | 10 670 | 5 460 | 12 035 | 6 250 | 13 780 | 6 600 | 14 550 | 7 300 | 16 095 | 7 900 | 17 415 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar

## SIZE: 710/55R34 FOREST RIDER 171 A8 / 178 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 780 | 10 540 | 5 860 | 12 920 | 7 200 | 15 875 | 8 100 | 17 855 | 9 300 | 20 505 | 10 450 | 23 040 | 11 100 | 24 470 | 12 100 | 26 675 | 13 150 | 28 990 |
| 20 | 12.5 | 4 380 | 9 655 | 5 380 | 11 860 | 6 600 | 14 550 | 7 450 | 16 425 | 8 500 | 18 740 | 9 600 | 21 165 | 10 150 | 22 375 | 11 100 | 24 470 | 12 050 | 26 565 |
| 25 | 15 | 4 200 | 9 260 | 5 140 | 11 330 | 6 350 | 14 000 | 7 150 | 15 765 | 8 150 | 17 965 | 9 200 | 20 280 | 9 750 | 21 495 | 10 600 | 23 370 | 11 550 | 25 465 |
| 30 | 20 | 4 020 | 8 860 | 4 920 | 10 845 | 6 050 | 13 340 | 6 800 | 14 990 | 7 800 | 17 195 | 8 800 | 19 400 | 9 300 | 20 505 | 10 150 | 22 375 | 11 050 | 24 360 |
| 40 | 25 | 3 620 | 7 980 | 4 420 | 9 745 | 5 440 | 11 995 | 6 150 | 13 560 | 7 050 | 15 540 | 7 900 | 17 415 | 8 400 | 18 520 | 9 150 | 20 170 | 9 950 | 21 935 |
| 50 | 30 | - | - | 3 940 | 8 685 | 4 840 | 10 670 | 5 460 | 12 035 | 6 250 | 13 780 | 7 050 | 15 540 | 7 450 | 16 425 | 8 150 | 17 965 | 8 850 | 19 510 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar

## SIZE: 650/65R38 FOREST RIDER 171 A8 / 178 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 5 040 | 11 110 | 6 250 | 13 780 | 7 650 | 16 865 | 8 550 | 18 850 | 9 850 | 21 715 | 11 100 | 24 470 | 11 700 | 25 795 | 12 800 | 28 220 | 13 950 | 30 755 |
| 20 | 12.5 | 4 620 | 10 185 | 5 700 | 12 565 | 7 050 | 15 540 | 7 850 | 17 305 | 9 000 | 19 840 | 10 150 | 22 375 | 10 750 | 23 700 | 11 750 | 25 905 | 12 800 | 28 220 |
| 25 | 15 | 4 440 | 9 790 | 5 460 | 12 035 | 6 750 | 14 880 | 7 550 | 16 645 | 8 650 | 19 070 | 9 750 | 21 495 | 10 300 | 22 705 | 11 250 | 24 800 | 12 250 | 27 005 |
| 30 | 20 | 4 240 | 9 350 | 5 220 | 11 510 | 6 450 | 14 220 | 7 200 | 15 875 | 8 250 | 18 190 | 9 300 | 20 505 | 9 850 | 21 715 | 10 750 | 23 700 | 11 750 | 25 905 |
| 40 | 25 | 3 820 | 8 420 | 4 700 | 10 360 | 5 780 | 12 745 | 6 500 | 14 330 | 7 450 | 16 425 | 8 400 | 18 520 | 8 850 | 19 510 | 9 700 | 21 385 | 10 550 | 23 260 |
| 50 | 30 | - | - | 4 180 | 9 215 | 5 160 | 11 375 | 5 760 | 12 700 | 6 600 | 14 550 | 7 450 | 16 425 | 7 900 | 17 415 | 8 600 | 18 960 | 9 400 | 20 725 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar

## SIZE: 650/85R38 FOREST RIDER 179 A8 / 186 A2 SB TL

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 52 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 6 400 | 14 110 | 7 900 | 17 415 | 9 550 | 21 055 | 10 800 | 23 810 | 12 450 | 27 445 | 13 950 | 30 755 | 14 850 | 32 740 | 16 650 | 36 705 | 18 000 | 39 685 |
| 20 | 12.5 | 5 860 | 12 920 | 7 250 | 15 985 | 8 750 | 19 290 | 9 900 | 21 825 | 11 400 | 25 130 | 12 800 | 28 220 | 13 650 | 30 095 | 15 300 | 33 730 | 16 500 | 36 375 |
| 25 | 15 | 5 620 | 12 390 | 6 950 | 15 320 | 8 400 | 18 520 | 9 500 | 20 945 | 10 950 | 24 140 | 12 250 | 27 005 | 13 050 | 28 770 | 14 650 | 32 295 | 15 800 | 34 835 |
| 30 | 20 | 5 380 | 11 860 | 6 650 | 14 660 | 8 050 | 17 745 | 9 100 | 20 060 | 10 450 | 23 040 | 11 750 | 25 905 | 12 500 | 27 560 | 14 000 | 30 865 | 15 100 | 33 290 |
| 40 | 25 | 4 840 | 10 670 | 5 960 | 13 140 | 7 250 | 15 985 | 8 200 | 18 080 | 9 400 | 20 725 | 10 550 | 23 260 | 11 250 | 24 800 | 12 600 | 27 780 | 13 600 | 29 985 |
| 50 | 30 | - | - | 5 300 | 11 685 | 6 450 | 14 220 | 7 300 | 16 095 | 8 350 | 18 410 | 9 400 | 20 725 | 10 000 | 22 045 | 11 200 | 24 690 | 12 100 | 26 675 |

NOTICE! Top speed 50 km/h / Max inflation pressure 4.0 bar




# GENERAL INFO

Nokian Heavy Tyres is passionate in developing high quality solutions for the most extreme conditions found in forests, modern day farming, municipal contracting, transportation terminals and underground applications. In addition to tire and supplementary item information, this manual focuses on the special necessities and requirements in each product category. The forestry section, for example, has a detailed guide on the right tire and inflation pressure choice by application.

This technical manual will be your tool in finding the right tire for your work, with a promise on carefree working hours.

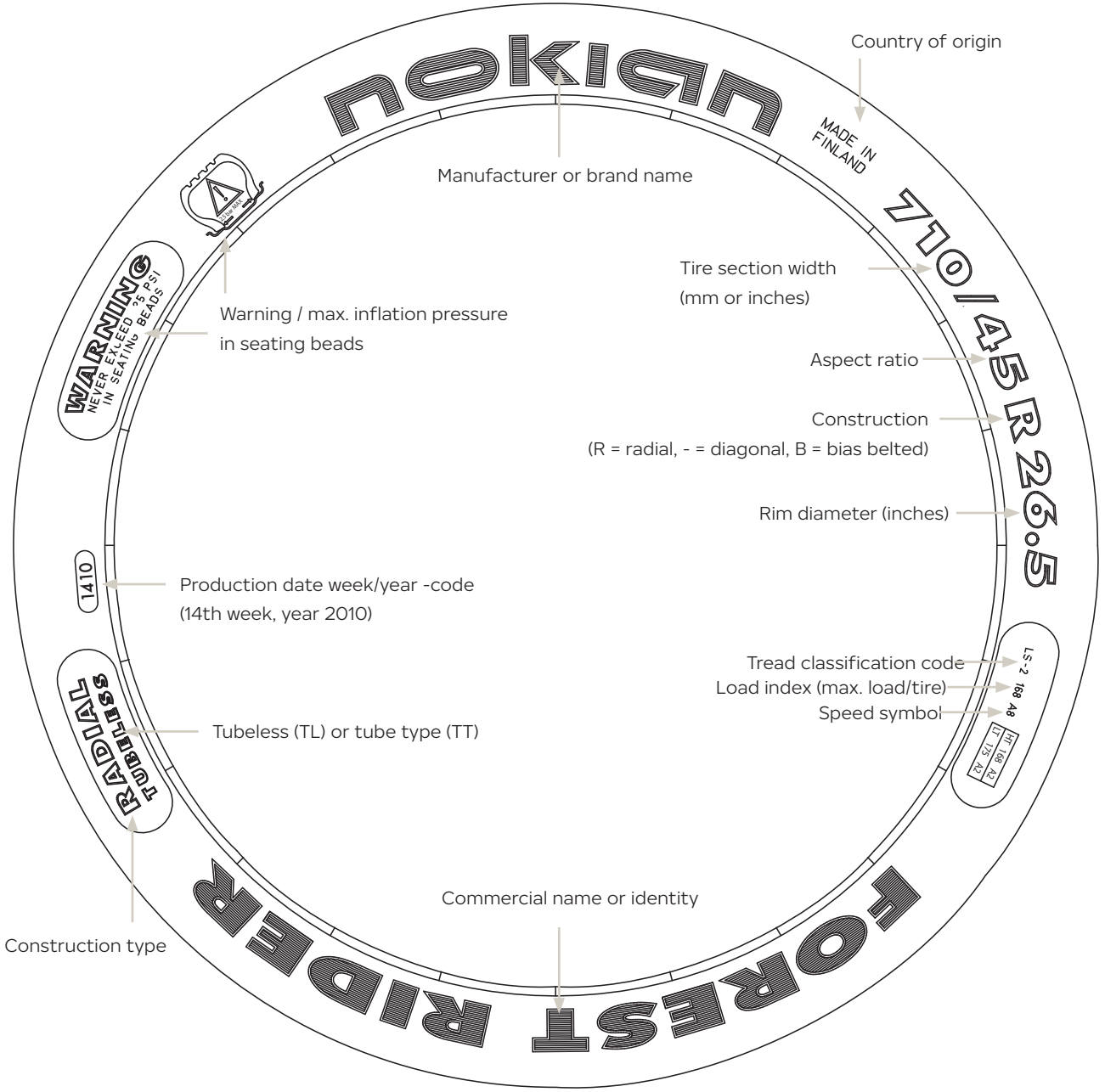
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**Notice!**
Manual may contain technical information also on omitted products.

# TIRE MARKINGS



# TIRE MARKINGS

## Tire classification codes

### OPTIONAL MARKING

| TRA Code | Tread type |
|---|---|
| **Agricultural tractor drive wheel tires** | |
| R-1 | Regular service (tread) |
| R-1W | Wet traction service |
| R-1S | Sprayer / spreader service |
| R-2 | Cane and rice service (deep tread) |
| R-3 | Flotation service (shallow tread) |
| R-4 | Industrial service (construction application) |
| **Agricultural tractor steering wheel tires (non-traction pattern)** | |
| F-1 | Single rib tread |
| F-2 | Multiple rib tread |
| F-3 | Industrial service (construction application) |
| **Agricultural implement tires** | |
| I-1 | Multi-rib tread |
| I-2 | Moderate traction service |
| I-3 | Traction tread |
| I-4 | Plough tail wheel service |
| I-5 | Steering service |
| I-6 | Smooth tread |
| **Garden tractor tires (implement tires)** | |
| G-1 | Traction service |
| G-2 | Flotation traction service |
| G-3 | Maximum flotation service |

| TRA Code | Tread type |
|---|---|
| **Grader tires (Motor graders)** | |
| G-2 | Traction regular |
| G-3 | Rock Regular |
| **Logging and forestry service tires** | |
| LS-1 | Regular tread |
| LS-2 | Intermediate tread |
| LS-3 | Deep tread |
| LS-4 | Shallow tread |
| **High flotation tires for off-the-road service** | |
| HF-1 | Shallow tread |
| HF-2 | Regular tread |
| HF-3 | Deep tread |
| HF-4 | Extra deep tread |
| **Earthmover tires (Dump trucks and scrapers)** | |
| E-1 | Rib regular |
| E-2 | Traction regular |
| E-3 | Rock regular |
| E-4 | Rock deep tread |
| E-7 | Flotation |

| TRA Code | Tread type |
|---|---|
| **Loader and dozer tires (Front-end loaders and dozers)** | |
| L-2 | Traction regular |
| L-3 | Rock regular |
| L-4 | Rock deep tread |
| L-5 | Rock extra deep tread |
| L-4S | Smooth deep tread |
| L-5S | Smooth extra deep tread |
| **Compactor tires** | |
| C-1 | Smooth |
| **Industrial tires (Straddle carriers, transfer cranes, towing tractors, reach stackers and fork lifts** | |
| IND-3 | Traction regular |
| IND-4 | Deep tread |
| IND-5 | Extra deep tread |

**Notice!** TRA = Tire and Rim Association Inc.

# TIRE MARKINGS

**Example**
157 A8 a tire can carry maximum 4125 kg / 9100 lb
at the maximum speed of 40 km/h / 25 mph.

## Load index

### THE LOAD INDEX (LI) IS A NUMERICAL CODE ASSOCIATED WITH THE MAXIMUM LOAD A TIRE CAN CARRY.

| LI | kg | lbs | LI | kg | lbs | LI | kg | lbs | LI | kg | lbs | LI | kg | lbs | LI | kg | lbs | LI | kg | lbs | LI | kg | lbs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 45 | 99 | 35 | 121 | 265 | 70 | 335 | 740 | 105 | 925 | 2 040 | 140 | 2 500 | 5 520 | 175 | 6 900 | 15 200 | 210 | 19 000 | 41 900 | 245 | 51 500 | 113 500 |
| 1 | 46.2 | 102 | 36 | 125 | 275 | 71 | 345 | 760 | 106 | 950 | 2 090 | 141 | 2 575 | 5 680 | 176 | 7 100 | 15 700 | 211 | 19 500 | 43 000 | 246 | 53 000 | 117 000 |
| 2 | 47.5 | 105 | 37 | 128 | 280 | 72 | 355 | 785 | 107 | 975 | 2 150 | 142 | 2 650 | 5 840 | 177 | 7 300 | 16 100 | 212 | 20 000 | 44 100 | 247 | 54 500 | 120 000 |
| 3 | 48.7 | 107 | 38 | 132 | 290 | 73 | 365 | 805 | 108 | 1 000 | 2 200 | 143 | 2 725 | 6 000 | 178 | 7 500 | 16 500 | 213 | 20 600 | 45 400 | 248 | 56 000 | 123 500 |
| 4 | 50 | 110 | 39 | 136 | 300 | 74 | 375 | 825 | 109 | 1 030 | 2 270 | 144 | 2 800 | 6 150 | 179 | 7 750 | 17 100 | 214 | 21 200 | 46 700 | 249 | 58 000 | 128 000 |
| 5 | 51.5 | 114 | 40 | 140 | 310 | 75 | 387 | 855 | 110 | 1 060 | 2 340 | 145 | 2 900 | 6 400 | 180 | 8 000 | 17 600 | 215 | 21 800 | 48 100 | 250 | 60 000 | 132 500 |
| 6 | 53 | 117 | 41 | 145 | 320 | 76 | 400 | 880 | 111 | 1 090 | 2 400 | 146 | 3 000 | 6 600 | 181 | 8 250 | 18 200 | 216 | 22 400 | 49 400 | 251 | 61 500 | 135 500 |
| 7 | 54.5 | 120 | 42 | 150 | 330 | 77 | 412 | 910 | 112 | 1 120 | 2 470 | 147 | 3 075 | 6 800 | 182 | 8 500 | 18 700 | 217 | 23 000 | 50 700 | 252 | 63 000 | 139 000 |
| 8 | 56 | 123 | 43 | 155 | 340 | 78 | 425 | 935 | 113 | 1 150 | 2 540 | 148 | 3 150 | 6 950 | 183 | 8 750 | 19 300 | 218 | 23 600 | 52 000 | 253 | 65 000 | 143 500 |
| 9 | 58 | 128 | 44 | 160 | 355 | 79 | 437 | 965 | 114 | 1 180 | 2 600 | 149 | 3 250 | 7 150 | 184 | 9 000 | 19 800 | 219 | 24 300 | 53 600 | 254 | 67 000 | 147 500 |
| 10 | 60 | 132 | 45 | 165 | 365 | 80 | 450 | 990 | 115 | 1 215 | 2 680 | 150 | 3 350 | 7 400 | 185 | 9 250 | 20 400 | 220 | 25 000 | 55 100 | 255 | 69 000 | 152 000 |
| 11 | 61.5 | 136 | 46 | 170 | 375 | 81 | 462 | 1 020 | 116 | 1 250 | 2 760 | 151 | 3 450 | 7 600 | 186 | 9 500 | 20 900 | 221 | 25 750 | 56 800 | 256 | 71 000 | 156 500 |
| 12 | 63 | 139 | 47 | 175 | 385 | 82 | 475 | 1 050 | 117 | 1 285 | 2 830 | 152 | 3 550 | 7 850 | 187 | 9 750 | 21 500 | 222 | 26 500 | 58 400 | 257 | 73 000 | 161 000 |
| 13 | 65 | 143 | 48 | 180 | 395 | 83 | 487 | 1 070 | 118 | 1 320 | 2 910 | 153 | 3 650 | 8 050 | 188 | 10 000 | 22 000 | 223 | 27 250 | 60 000 | 258 | 75 000 | 165 500 |
| 14 | 67 | 148 | 49 | 185 | 410 | 84 | 500 | 1 100 | 119 | 1 360 | 3 000 | 154 | 3 750 | 8 250 | 189 | 10 300 | 22 700 | 224 | 28 000 | 61 500 | 259 | 77 500 | 171 000 |
| 15 | 69 | 152 | 50 | 190 | 420 | 85 | 515 | 1 140 | 120 | 1 400 | 3 080 | 155 | 3 875 | 8 550 | 190 | 10 600 | 23 400 | 225 | 29 000 | 64 000 | 260 | 80 000 | 176 500 |
| 16 | 71 | 157 | 51 | 195 | 430 | 86 | 530 | 1 170 | 121 | 1 450 | 3 200 | 156 | 4 000 | 8 800 | 191 | 10 900 | 24 000 | 226 | 30 000 | 66 000 | 261 | 82 500 | 182 000 |
| 17 | 73 | 161 | 52 | 200 | 440 | 87 | 545 | 1 200 | 122 | 1 500 | 3 300 | 157 | 4 125 | 9 100 | 192 | 11 200 | 24 700 | 227 | 30 750 | 68 000 | 262 | 85 000 | 187 500 |
| 18 | 75 | 165 | 53 | 206 | 455 | 88 | 560 | 1 230 | 123 | 1 550 | 3 420 | 158 | 4 250 | 9 350 | 193 | 11 500 | 25 400 | 228 | 31 500 | 69 500 | 263 | 87 500 | 193 000 |
| 19 | 77.5 | 170 | 54 | 212 | 465 | 89 | 580 | 1 280 | 124 | 1 600 | 3 520 | 159 | 4 375 | 9 650 | 194 | 11 800 | 26 000 | 229 | 32 500 | 71 500 | 264 | 90 000 | 198 500 |
| 20 | 80 | 175 | 55 | 218 | 480 | 90 | 600 | 1 320 | 125 | 1 650 | 3 640 | 160 | 4 500 | 9 900 | 195 | 12 150 | 26 800 | 230 | 33 500 | 74 000 | 265 | 92 500 | 204 000 |
| 21 | 82.5 | 180 | 56 | 224 | 495 | 91 | 615 | 1 360 | 126 | 1 700 | 3 740 | 161 | 4 625 | 10 200 | 196 | 12 500 | 27 600 | 231 | 34 500 | 76 000 | 266 | 95 000 | 209 500 |
| 22 | 85 | 185 | 57 | 230 | 505 | 92 | 630 | 1 390 | 127 | 1 750 | 3 860 | 162 | 4 750 | 10 500 | 197 | 12 850 | 28 300 | 232 | 35 500 | 78 500 | 267 | 97 500 | 215 000 |
| 23 | 87.5 | 195 | 58 | 236 | 520 | 93 | 650 | 1 430 | 128 | 1 800 | 3 960 | 163 | 4 875 | 10 700 | 198 | 13 200 | 29 100 | 233 | 36 500 | 80 500 | 268 | 100 000 | 220 500 |
| 24 | 90 | 200 | 59 | 243 | 535 | 94 | 670 | 1 480 | 129 | 1 850 | 4 080 | 164 | 5 000 | 11 000 | 199 | 13 600 | 30 000 | 234 | 37 500 | 82 500 | 269 | 103 000 | 227 000 |
| 25 | 92.5 | 205 | 60 | 250 | 550 | 95 | 690 | 1 520 | 130 | 1 900 | 4 180 | 165 | 5 150 | 11 400 | 200 | 14 000 | 30 900 | 235 | 38 750 | 85 500 | 270 | 106 000 | 233 500 |
| 26 | 95 | 210 | 61 | 257 | 565 | 96 | 710 | 1 570 | 131 | 1 950 | 4 300 | 166 | 5 300 | 11 700 | 201 | 14 500 | 32 000 | 236 | 40 000 | 88 000 | 271 | 109 000 | 240 500 |
| 27 | 97.5 | 215 | 62 | 265 | 585 | 97 | 730 | 1 610 | 132 | 2 000 | 4 400 | 167 | 5 450 | 12 000 | 202 | 15 000 | 33 100 | 237 | 41 250 | 91 000 | 272 | 112 000 | 247 000 |
| 28 | 100 | 220 | 63 | 272 | 600 | 98 | 750 | 1 650 | 133 | 2 060 | 4 540 | 168 | 5 600 | 12 300 | 203 | 15 500 | 34 200 | 238 | 42 500 | 93 500 | 273 | 115 000 | 253 500 |
| 29 | 103 | 225 | 64 | 280 | 615 | 99 | 775 | 1 710 | 134 | 2 120 | 4 680 | 169 | 5 800 | 12 800 | 204 | 16 000 | 35 300 | 239 | 43 750 | 96 500 | 274 | 118 000 | 260 000 |
| 30 | 106 | 235 | 65 | 290 | 640 | 100 | 800 | 1 760 | 135 | 2 180 | 4 800 | 170 | 6 000 | 13 200 | 205 | 16 500 | 36 400 | 240 | 45 000 | 99 000 | 275 | 121 000 | 267 000 |
| 31 | 31 | 240 | 66 | 300 | 660 | 101 | 825 | 1 820 | 136 | 2 240 | 4 940 | 171 | 6 150 | 13 600 | 206 | 17 000 | 37 500 | 241 | 46 250 | 102 000 | 276 | 125 000 | 275 500 |
| 32 | 112 | 245 | 67 | 307 | 675 | 102 | 850 | 1 870 | 137 | 2 300 | 5 080 | 172 | 6 300 | 13 900 | 207 | 17 500 | 38 600 | 242 | 47 500 | 104 500 | 277 | 128 500 | 283 500 |
| 33 | 115 | 255 | 68 | 315 | 695 | 103 | 875 | 1 930 | 138 | 2 360 | 5 200 | 173 | 6 500 | 14 300 | 208 | 18 000 | 39 700 | 243 | 48 750 | 107 500 | 278 | 132 000 | 291 000 |
| 34 | 118 | 260 | 69 | 325 | 715 | 104 | 900 | 1 980 | 139 | 2 430 | 5 360 | 174 | 6 700 | 14 800 | 209 | 18 500 | 40 800 | 244 | 50 000 | 110 000 | 279 | 136 000 | 300 000 |

# TIRE MARKINGS

## Units

| Quantity | S.I. units | Other units |
|---|---|---|
| Length | m (metre) | 1 inch (“) = 0.0254 m (or 25.4 mm) |
| | | 1 mile = 1 609 m (or 1.609 km) |
| Mass | kg (kilogram) | 1 pound (lb) = 0.4536 kg |
| Pressure | Pa (Pascal) | 1 bar = 100 kPa |
| | | 1 pound per square inch (psi or lb/in$^2$) = 6.895 kPa |
| | | 1 kg/cm$^2$ = 98.066 kPa |
| Speed | m/s | 1 km per hour (km/h) = 0.27778 m/s |
| | (metre per second) | 1 mile per hour (mph) = 0.4470 m/s (or 1.60935 km/h) |

## Pictogram

### MARKED ON BOTH TIRE SIDEWALLS

Explicts the maximum inflation pressure not to be exceeded for bead seating during tire mounting. The value of inflation pressure (2.5 bar in the example) must be the same as specified by the tire manufacturer.




## Speed symbol

The SPEED SYMBOL (SS) indicates the maximum speed at which the tire can carry a load corresponding to its Load Index.

| SS | km/h | mph |
|---|---|---|
| A1 | 5 | 2,5 |
| A2 | 10 | 5 |
| A3 | 15 | 10 |
| A4 | 20 | 12,5 |
| A5 | 25 | 15 |
| A6 | 30 | 20 |
| A7 | 35 | 22,5 |
| A8 | 40 | 25 |
| B | 50 | 30 |
| C | 60 | 35 |
| D | 65 | 40 |
| E | 70 | 43 |
| F | 80 | 50 |
| G | 90 | 55 |
| J | 100 | 62 |
| K | 110 | 68 |
| L | 120 | 75 |
| M | 130 | 81 |
| N | 140 | 87 |
| P | 150 | 93 |
| Q | 160 | 99 |
| R | 170 | 106 |
| S | 180 | 112 |
| T | 190 | 118 |

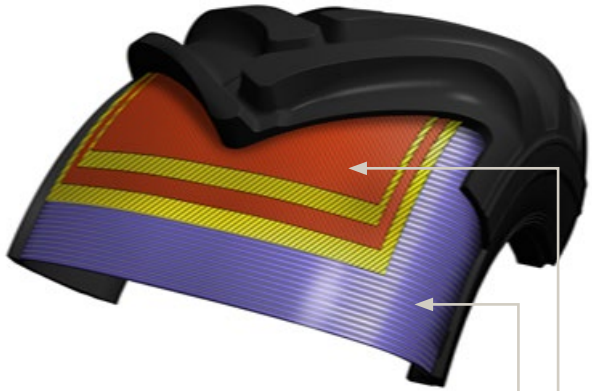
# TIRE MARKINGS

## Pressure unit, conversion table

| kPa | bar | * lbs/in² (psi) | * kg/cm² | kPa | bar | * lbs/in² (psi) | * kg/cm² | kPa | bar | * lbs/in² (psi) | * kg/cm² | kPa | bar | * lbs/in² (psi) | * kg/cm² | kPa | bar | * lbs/in² (psi) | * kg/cm² |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 0.1 | 1 | 0.1 | 230 | 2.3 | 33 | 2.3 | 450 | 4.5 | 65 | 4.6 | 670 | 6.7 | 97 | 6.8 | 890 | 8.9 | 129 | 9.1 |
| 20 | 0.2 | 3 | 0.2 | 240 | 2.4 | 35 | 2.4 | 460 | 4.6 | 67 | 4.7 | 680 | 6.8 | 99 | 6.9 | 900 | 9.0 | 131 | 9.2 |
| 30 | 0.3 | 4 | 0.3 | 250 | 2.5 | 36 | 2.5 | 470 | 4.7 | 68 | 4.8 | 690 | 6.9 | 100 | 7.0 | 910 | 9.1 | 132 | 9.3 |
| 40 | 0.4 | 6 | 0.4 | 260 | 2.6 | 38 | 2.7 | 480 | 4.8 | 70 | 4.9 | 700 | 7.0 | 102 | 7.1 | 920 | 9.2 | 133 | 9.4 |
| 50 | 0.5 | 7 | 0.5 | 270 | 2.7 | 39 | 2.8 | 490 | 4.9 | 71 | 5.0 | 710 | 7.1 | 103 | 7.2 | 930 | 9.3 | 135 | 9.5 |
| 60 | 0.6 | 9 | 0.6 | 280 | 2.8 | 41 | 2.9 | 500 | 5.0 | 73 | 5.1 | 720 | 7.2 | 104 | 7.3 | 940 | 9.4 | 136 | 9.6 |
| 70 | 0.7 | 10 | 0.7 | 290 | 2.9 | 42 | 3.0 | 510 | 5.1 | 74 | 5.2 | 730 | 7.3 | 106 | 7.4 | 950 | 9.5 | 138 | 9.7 |
| 80 | 0.8 | 12 | 0.8 | 300 | 3.0 | 44 | 3.1 | 520 | 5.2 | 75 | 5.3 | 740 | 7.4 | 107 | 7.5 | 960 | 9.6 | 139 | 9.8 |
| 90 | 0.9 | 13 | 0.9 | 310 | 3.1 | 45 | 3.2 | 530 | 5.3 | 77 | 5.4 | 750 | 7.5 | 109 | 7.6 | 970 | 9.7 | 141 | 9.9 |
| 100 | 1.0 | 15 | 1.0 | 320 | 3.2 | 46 | 3.3 | 540 | 5.4 | 78 | 5.5 | 760 | 7.6 | 110 | 7.7 | 980 | 9.8 | 142 | 10.0 |
| 110 | 1.1 | 16 | 1.1 | 330 | 3.3 | 48 | 3.4 | 550 | 5.5 | 80 | 5.6 | 770 | 7.7 | 112 | 7.9 | 990 | 9.9 | 144 | 10.1 |
| 120 | 1.2 | 17 | 1.2 | 340 | 3.4 | 49 | 3.5 | 560 | 5.6 | 81 | 5.7 | 780 | 7.8 | 113 | 8.0 | 1000 | 10.0 | 145 | 10.2 |
| 130 | 1.3 | 19 | 1.3 | 350 | 3.5 | 51 | 3.6 | 570 | 5.7 | 83 | 5.8 | 790 | 7.9 | 115 | 8.1 | 1010 | 10.1 | 146 | 10.3 |
| 140 | 1.4 | 20 | 1.4 | 360 | 3.6 | 52 | 3.7 | 580 | 5.8 | 84 | 5.9 | 800 | 8.0 | 116 | 8.2 | 1020 | 10.2 | 148 | 10.4 |
| 150 | 1.5 | 22 | 1.5 | 370 | 3.7 | 54 | 3.8 | 590 | 5.9 | 86 | 6.0 | 810 | 8.1 | 117 | 8.3 | 1030 | 10.3 | 149 | 10.5 |
| 160 | 1.6 | 23 | 1.6 | 380 | 3.8 | 55 | 3.9 | 600 | 6.0 | 87 | 6.1 | 820 | 8.2 | 119 | 8.4 | 1040 | 10.4 | 151 | 10.6 |
| 170 | 1.7 | 25 | 1.7 | 390 | 3.9 | 57 | 4.0 | 610 | 6.1 | 88 | 6.2 | 830 | 8.3 | 120 | 8.5 | 1050 | 10.5 | 152 | 10.7 |
| 180 | 1.8 | 26 | 1.8 | 400 | 4.0 | 58 | 4.1 | 620 | 6.2 | 90 | 6.3 | 840 | 8.4 | 122 | 8.6 | 1060 | 10.6 | 154 | 10.8 |
| 190 | 1.9 | 28 | 1.9 | 410 | 4.1 | 59 | 4.2 | 630 | 6.3 | 91 | 6.4 | 850 | 8.5 | 123 | 8.7 | 1070 | 10.7 | 155 | 10.9 |
| 200 | 2.0 | 29 | 2.0 | 420 | 4.2 | 61 | 4.3 | 640 | 6.4 | 93 | 6.5 | 860 | 8.6 | 125 | 8.8 | 1080 | 10.8 | 157 | 11.0 |
| 210 | 2.1 | 30 | 2.1 | 430 | 4.3 | 62 | 4.4 | 650 | 6.5 | 94 | 6.6 | 870 | 8.7 | 126 | 8.9 | 1090 | 10.9 | 158 | 11.1 |
| 220 | 2.2 | 32 | 2.2 | 440 | 4.4 | 64 | 4.5 | 660 | 6.6 | 96 | 6.7 | 880 | 8.8 | 128 | 9.0 | 1100 | 11.0 | 160 | 11.2 |

* Values in psi and kg/cm² rounded to the nearest practical unit.

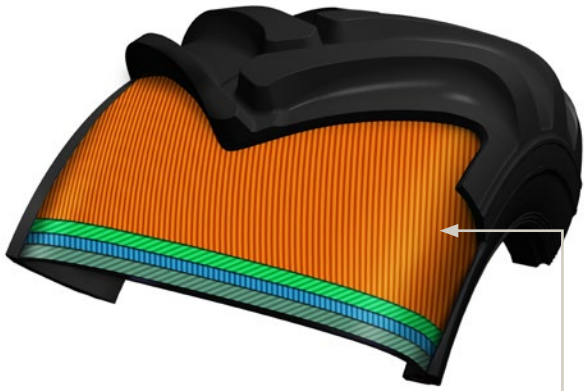
# TIRE STRUCTURES



## Radial Tire

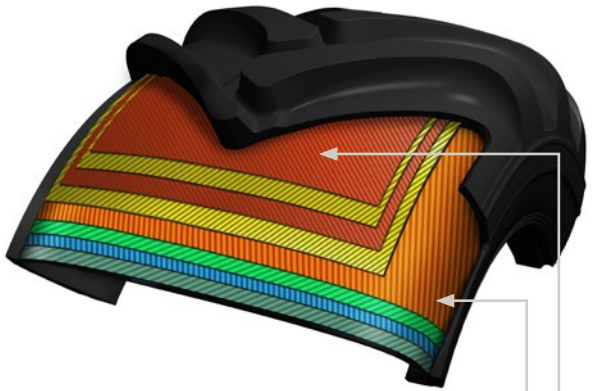
The tire carcass is stabilized by an inextensible circumferential belt.

The ply cords are laid substantially at 90° to the centerline of the tread.



## Diagonal (or bias ply) tire

The ply cords are laid at alternate angles substantially less than 90° to the centerline of the tread.



## Bias belted

The tire carcass is stabilized by an inextensible circumferential belt.

Tire structure of diagonal tire.

# INFLATION PRESSURE

## Choosing the right inflation pressure

### MAINTAINING THE PROPER TIRE INFLATION PRESSURE

The inflation pressures of tires should be checked carefully at regular intervals. Perform a visual check daily and repeatedly when operating. A slow leak can cause damage to the tire sidewall or lead to tube failure before the under-inflation can be felt in the handling of the machine.

Repairable damage should be repaired immediately in order to help obtain regular tire life. When operating machinery in winter conditions, it should be kept in mind that when temperatures decrease, so do tire inflation pressures. Consequently, when inflating a tire indoors in winter, it should be inflated slightly over the recommended pressure. The diagram below should prove of assistance in determining the correct pressure.

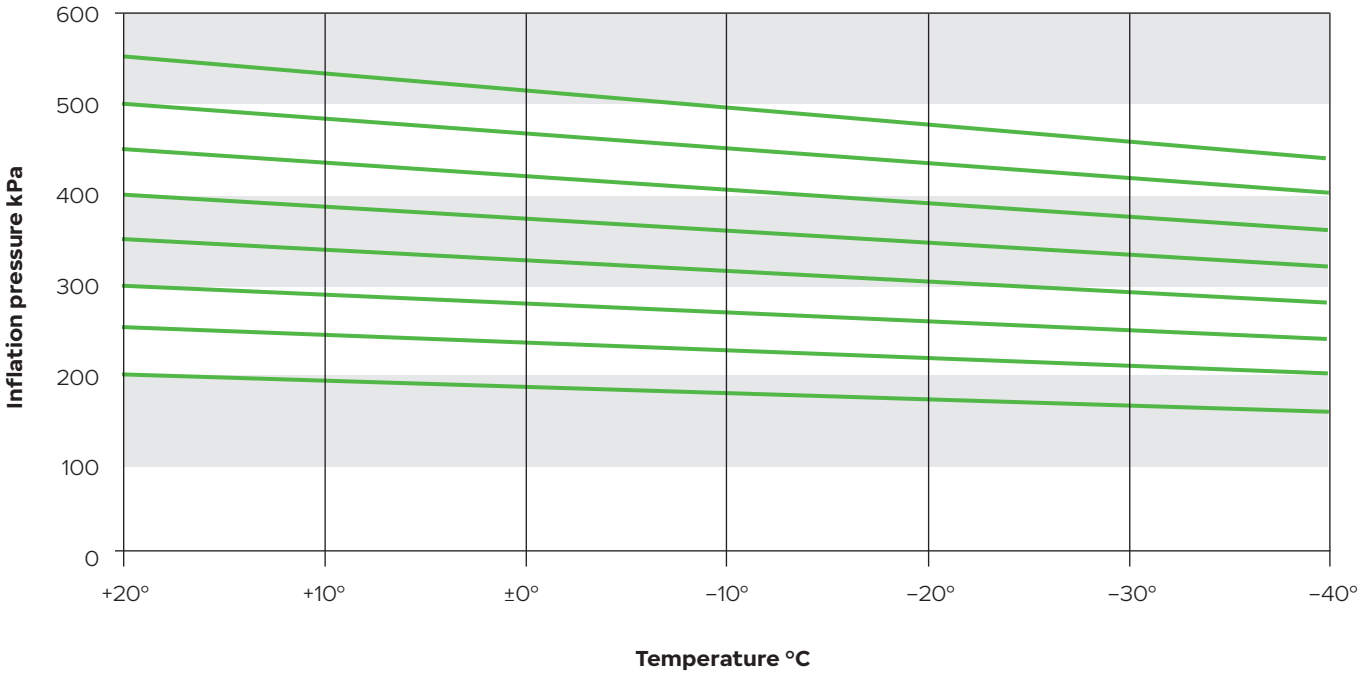
### GROUND DISTURBANCE

Ground disturbance is more pronounced when operating in soft soil conditions. When the tire gets in contact with the ground on a hard surface, it is the tire that gets depressed, whereas when operating on soft soil, the ground gets depressed. The inflation pressure used does not have much of an effect on the size of the footprint. The inflation pressure should be less than the ground pressure between the ground and the tire, in case approx. 55 kPa, for it to reduce the depth of the footprint.

Consequently, it is not advisable to reduce tire inflation pressures in order to improve the machine's footprint, as it has a negative impact on the tire's service life. The use of wider tires will serve this purpose better.

**Notice!** Use always recommended inflation pressure i.e. winter ambient avarage –25°C or in summer time +30°C.

### THE RELATIONSHIP BETWEEN TIRE INFLATION PRESSURE AND AIR TEMPERATURE



# LIQUID AND SALT BALLASTING

## Liquid and salt ballasting

- Liquid ballasting is used to increase machine stability.
- It is recommended to use professional tire outlets to carry out the filling procedure.
- Special equipment and water permeable valves are required.
- In liquid and salt ballasting, use tubes to prevent rims from rusting.

**Note!** If a filler other than liquid is used (i.e. polyurethane), tire warranty does not apply.

### WATER BALLASTING

75 % of tire volume is filled. Amounts listed in the table below.

### WATER AND SALT BALLASTING

The addition of salt will prevent freezing. 75% of tire volume is filled with the proportions given in the table below. The salt / water solution is calculated at a temperature of -30 ºC / -22 ºF. Normal commercial salt (CaCl2), 77% purity, is used.
Any additional salt will not necessarily dissolve in water.
The remaining tire volume is inflated to the recommended inflation pressure.

**Notice!** Since tire has air only 25% of the original volume, regular inflation pressure checks are highly recommended.

# NON-SKID CHAINS

Nowadays, the general tendency is to work increasingly without chains. This is turn places additional demands on forestry tire selection in order to ensure access to difficult terrain while, at the same time, minimising ground disturbance. In practise, however, there are situations when the use of chains cannot be avoided. In such cases, it is important to pay attention to some basic considerations.

## Use of chains

Before installing new chains, it is recommended that they be inspected for sharp edges or welding burrs. When installing chains on a tire, it is important to ensure that the chains are sufficiently tight. Chains that are too loose can slip on the tire causing excessive wear. Checking the functioning of old and worn chains is recommended from time to time as well. It is important to check that no chain rings are broken and that none of these individual rings have turned, so that their calks cut into the tire. The same damage can occur with severely worn and thus overstretched chains.



# TRACKS

Track manufacturers give their recommendations in slightly different ways. The practice, that is becoming increasingly common, is where track manufacturers specify their products according to the tire manufacturer, the tread design and the tire size. The minimum requirement is that the track manufacturer provide the tire size and the tread design for each track type.

When acquiring tracks, it is extremely important for the user to select the correct track type which is suitable for the tire and that the operating pressure, in particular, meets the recommendations of track manufacturers. When selecting tracks, it is recommended that the user contacts the track manufacturer.

When using tracks the correct pressure level is the maximum permitted inflation pressure for each tire size.



## Recommended inflation pressures when using tracks

| Tire size | PR | LI / SS | | |
|---|---|---|---|---|
| 500/60-22.5 | 16 | | 430 kPa | 62 psi |
| 600/50-22.5 | 16 | 151 A8/ 158 A2 | 430 kPa | 62 psi |
| 700/45-22.5 | 16 | | 390 kPa | 57 psi |
| 710/40-22.5 | 16 | 154 A8 / 161 A2 | 390 kPa | 57 psi |
| 710/40-24.5 | 20 | 163 A8 / 170 A2 | 550 kPa | 80 psi |
| 600/55-26.5 | 16 | | 460 kPa | 67 psi |
| 700/45-26.5 | 16 | | 460 kPa | 67 psi |
| 710/45-26.5 | 16 | 161 A8 / 168 A2 | 460 kPa | 67 psi |
| | | | | |
| 600/55-26.5 | 20 | 165 A8 / 172 A2 | 550 kPa | 80 psi |
| 650/65-26.5 | 20 | 172 A8 / 179 A2 | 550 kPa | 80 psi |
| 700/50-26.5 | 20 | | 550 kPa | 80 psi |
| 710/45-26.5 | 20 | 168 A8 / 175 A2 | 550 kPa | 80 psi |
| 750/55-26.5 | 20 | 177 A8 / 184 A2 | 550 kPa | 80 psi |
| 780/55-26.5 | 20 | 179 A8 / 186 A2 | 550 kPa | 80 psi |
| 800/40-26.5 | 20 | 170 A8 / 177 A2 | 550 kPa | 80 psi |
| | | | | |
| 650/45R24.5 | | 161 A8 / 168 A2 | 550 kPa | 80 psi |
| 600/55R26.5 | | 165 A8 / 172 A2 | 550 kPa | 80 psi |
| 710/45R26.5 | | 168 A8 / 175 A2 | 550 kPa | 80 psi |
| 800/50R26.5 | | 180 A8 /187 A2 | 550 kPa | 80 psi |

**Notice!** Contact the track manufacturer for the correct track for your tire.

**See also Tire choice and inflation pressures by application.**

# TIRE PRESSURE LED™

## Tire pressure drop warning system

### TIRE PRESSURE LED

- Easy tire pressure check available on all Nokian tires
- Easy to use
- Reduces tire maintenance
- Reduces tire break-ups
- Saves money

### HOW TO USE

- First adjust the tire pressure to the recommended value.
- Screw the Tire Pressure LED tight by hand, using the anti-theft tool provided with the kit.
- The Tire Pressure LED is now calibrated and is constantly monitoring the tire pressure.

### WHAT TO DO WHEN LED STARTS FLASHING

- Unscrew the Tire Pressure LED with the anti-theft tool.
- Adjust the tire pressure to the recommended value.
- Reinstall the Tire Pressure LED.

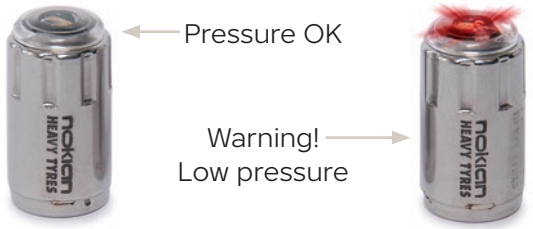
**Notice!**
The LED value caps are an aid in monitoring tire pressure. The instructions on tire pressure maintenance in vehicle owners manual should still be followed.

### BENEFITS

- Constant pressure control.
- No need for regular pressure gauge checks anymore.
- The led indicates the need for pressure adjustment.
- Increase in tire and tube lifespan due to right operating pressure.
- No more tire break-ups due to running tires underinflated.

### TECHNICAL PROPERTIES

- Led activated when a drop from the calibrated value exceeds 0.3 bar / 4.4 psi (T845503) or 0.6 bar / 8.7 psi (T845504 and T845505).
- Battery used only when led is activated (pressure drop).




### FOR AGRICULTURAL VEHICLES / 4 PCS / PACK

| Product code | Manufacturer code | Pressure range |
|---|---|---|
| T845503 | SSVC-4 NA | 0.7 – 5.0 bar<br>10 – 70 psi |

### FOR FORESTRY VEHICLES / 4 PCS / PACK

| Product code | Manufacturer code | Pressure range |
|---|---|---|
| T845504 | TSVC-4 NF | 4 – 12 bar<br>60 – 175 psi |

### FOR LARGE BORE VALVE VEHICLES / 2 PCS / PACK

| Product code | Manufacturer code | Pressure range |
|---|---|---|
| T845505 | TSVC-2 NL | 4 – 12 bar<br>60 – 175 psi |

### TRANSPARENT CAP FOR USE WITH R2" VALVE PROTECTOR (2.5.4 VALVE PROTECTORS)

| Product code |
|---|
| HTOC 00009 |



# RIMS


- Rim markings
- Wheel (disc included) main dimensions
- Rim contours
- Standards
- Information needed for defining a wheel
- Wheel parts / components
- Valve protectors
- Forestry rims
- Knurling
- Tubeless forestry rims
- Agricultural rims
- Industrial and EM multi-piece wheels
- Flaps
- O-rings
- Tube, Flap and O-ring suitability
- Inspections on rims
- Tire mounting tools


## Rim markings

**Disc wheels and demountable rims shall be marked with the following information:**

a) Rim size designation
b) Wheel/rim manufacturer (name, symbol or trademark)
c) date of manufacture
d) part number or code

**Rings shall be marked with the following information:**

a) Identification of rim to which the part may be fitted
b) Identification of manufacturer
c) Date of manufacture
d) Flange height designation (on side rings for EM rims)

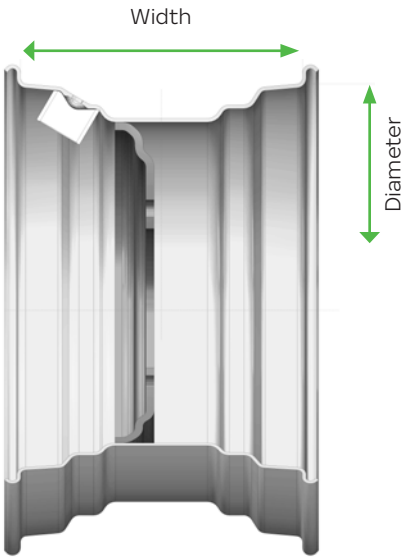
**Notice!**
With recommended rim you get the best operational result from your tire. You may use also permitted rim as an alternative.

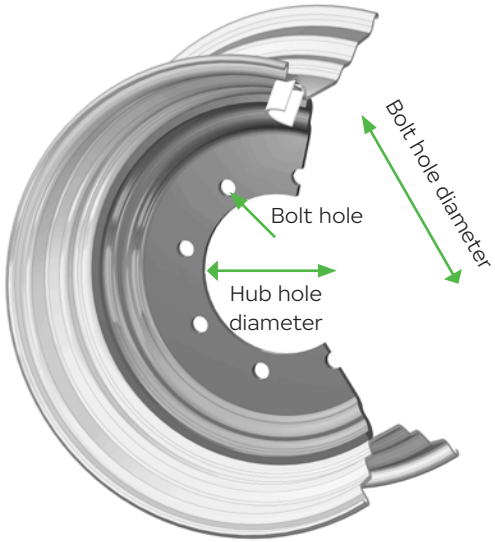
**Notice!**
- indicates multi-piece rim.
x indicates one-piece rim.

| Rim marking | | | Rim contour | | Nominal diameter code | Special features |
|---|---|---|---|---|---|---|
| | | | Width code | Profile | | |
| 6½J x 15 H2 | or | 15 x 6½J H2 | 6½ | J | 15 | Asymmetrical drop-centre, double hump (H2). (if S=symmetrical) |
| 22.5 x 7.50 | | | 7.5 | | 22.5 | |
| 10.00 V -20 | or | 20 - 10.00 V | 10 | V | 20 | |
| DW16L x 26 | or | 26 x DW 16L | 16 | L | 26 | Secondary Well (DW) |
| 8.00TG - 24 SDC | or | 24 - 8.00TG SDC | 8.00 | TG | 24 | Semi-Drop Centre (SDC) |
| 11.25 - 25/2.0 | or | 25 - 11.25/2.0 | 11.25 | | 25 | Flange Height Code ( /2.0) |

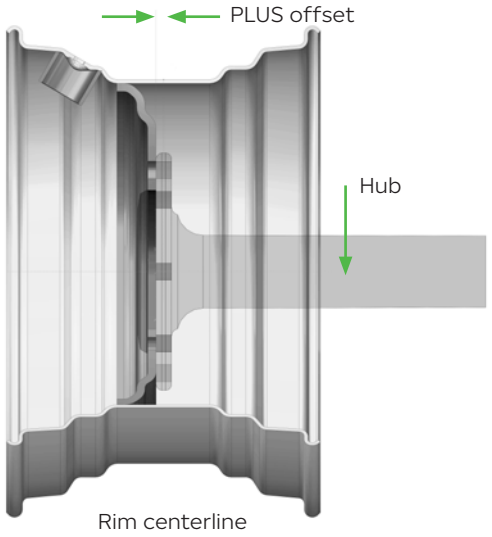
# RIMS

## Wheel (disc included) main dimensions

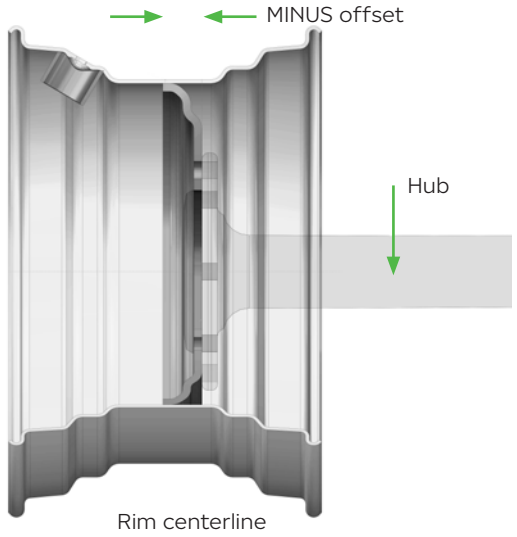



### + OFFSET DECREASES TRACK WIDTH




### – OFFSET INCREASES TRACK WIDTH




### DISC HOLE DEFINITION (MM)

**281-335-25,4-10 AR18-32**

- 281 — Hub hole diameter
- 335 — Bolt hole diameter
- 25,4 — Bolt hole
- 10 — N:o of holes
- AR18-32 — Countersink

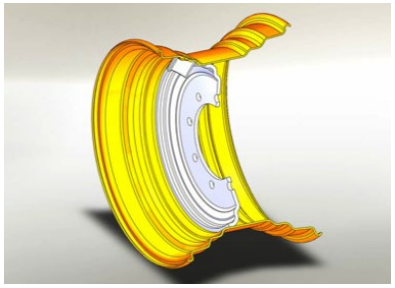
Offset is the distance from the rim centerline to the hub mounting surface
+ offset decreases track width
– offset increases track width

# RIMS

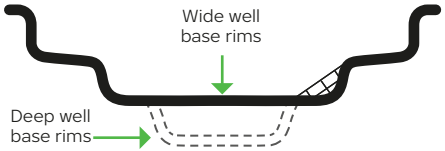
## Rim contours

There are mainly two types of rims used with Nokian Heavy Tyres products. Wide well-base and flat-base contour designs.

## 1. Wide well-base (W and DW)



DW rim




W (wide well) and DW (deep well) rim contours

### W OR DW?

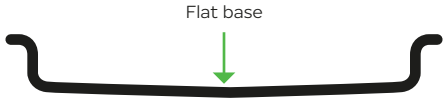
DW facilitates better the mounting of high PR (stiffer construction) tires.
DW rims also have higher strength compared with W rims, due to more bends in the contour shape.

## 2. Flat base rims

Flat base rims are generally of divided contstruction or equipped with lock rings.



Flat base rim




Flat base rim contour

# RIMS

## Standards

Tires are designed for use on rims that meet the industry standards. It is the responsibility of the vehicle manufacturers and vehicle users that rims used comply with these standards.

The right tire and rim combination defined in these standards guarantees a proper mounting and fit of tire on the rim. Standards manuals give the proper rim dimensions and the right rim contours for use on each tire size and service condition.

Rims and wheels may be stamped with maximum load and maximum cold inflation ratings. If these are not identified consult the rim and wheel manufacturer for rim and wheel capacities for the intended service.




Tire and rim standards manuals.

**TRA:** The Tire and Rim Association Inc.
**ETRTO:** The European Tire and Rim Technical Organisation
**JATMA:** The Japan Automobile Tire Manufacturers Association Inc.
**STRO:** The Scandinavian Tire & Rim Organization

## Information needed for defining a wheel

A wheel consists of a rim and a disc. Rim contours are standardised and differ from each other according to the service type. Wheel discs are characterised by the offset position, attachment and centre hole.

To define a wheel for a certain application, the following information is needed by the wheel manufacturer:

**Information from the tire manufacturer:**

1. Tire size, loading requirements and service type
2. Nominal width code (inch)
3. Diameter code (inch)
4. Tubeless or tube-type tire

With this tire information the rim contour can be designed.

**Information from the vehicle manufacturer:**

5. Offset
6. Disc centre hole
7. Attachment (bolt circle diameter, bolt hole size, bolt hole type)
8. Wheel loading and maximum speed requirements
9. Valve hole placement, type of valve preferred and need for valve protection
10. The wheel colour

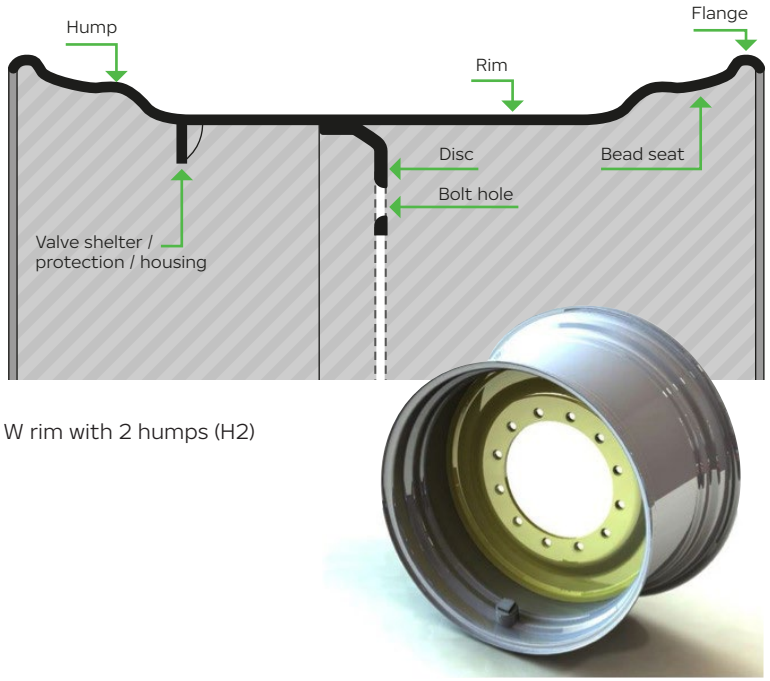
With this information a standard or a tailored wheel can be defined.

**Notice!** When in doubt consult rim and wheel manufacturer for confirmation on the strenght of the rim/wheel for the intended service.

# RIMS

## Wheel parts / components

### SINGLE PIECE WHEEL




W rim with 2 humps (H2)

**See also Multi-piece wheel on page 358.**

## Valve protectors

In tough operating conditions, i.e. forestry a R2" thread valve protector is commonly used. A transparent cap enables the use of LED pressure warning device.



R2" valve protector



Transparent cap for R2"





Other types of valve protectors depending on user preferences

# RIMS

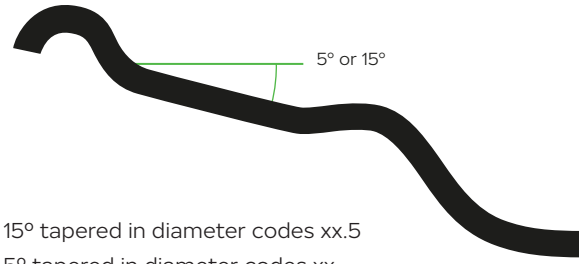
## Forestry rims

### EXAMPLES OF TYPICAL FORESTRY RIM SIZES:

AG 22.00 x 22.5 All 15° tapered
AG 24.00 x 24.5
AG 24.00 x 26.5
AG 28.00 x 26.5

DW 20 B x 26 All 5° tapered
DW 25 B x 26
DW 23 B x 34
DW 24 B x 34

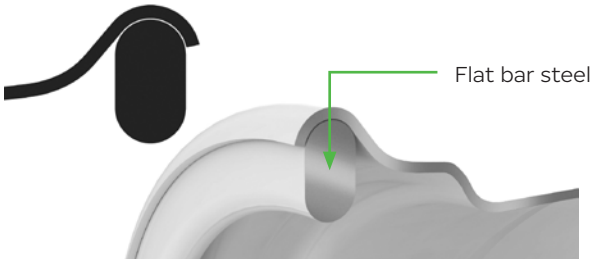
**AG =** agricultural rim contour (drop centre rims)
**DW =** deep well rims



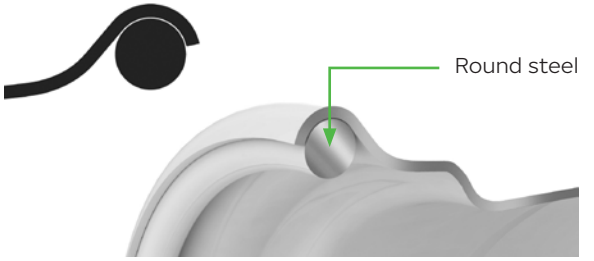

15° tapered in diameter codes xx.5
5° tapered in diameter codes xx

### REINFORCEMENTS

Rims used in professional logging operations are recommended to have contour flange reinforcements. These add load carrying capacity and protect flanges against impacts.

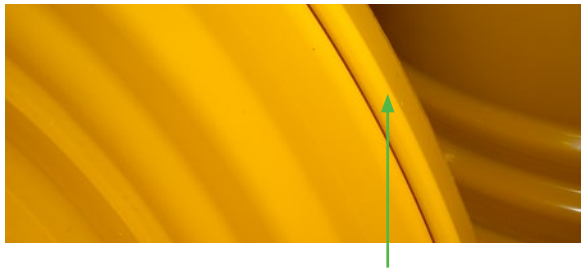



**1) Rim diameters 24,5" and larger**
Recommendation: Flat bar steel on the outside flange. Round steel / tube edge / long rolled flange on the inside flange.

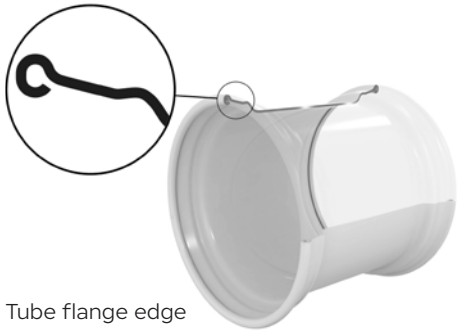



**2) Rim diameters smaller than 24,5"**
Recommended reinforcements depending on loading and operating conditions. Types:

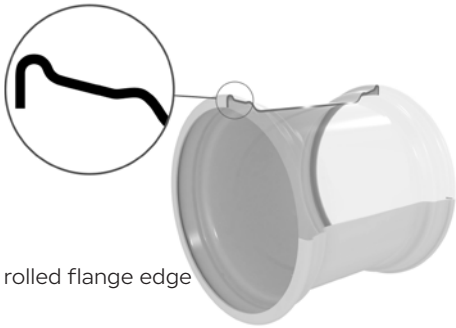
- Round steel
- Tube flange edge
- Long rolled flange edge



Forestry rim with flat bar steel reinforcement



Tube flange edge

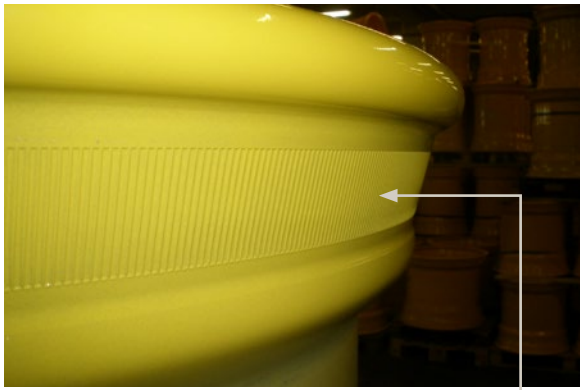


Long rolled flange edge

# RIMS

## Knurling

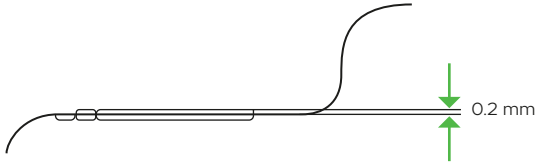
Knurling has been designed to prevent tire slippage on rim caused by the inherent traction force on the wheel. To produce the desired effect, knurling must extend beyound the surface of the rim bead seat.



Knurling for tire slippage on rim prevention

**Other methods to prevent tire slippage on rim**

- Friction paint on bead area
- Paint removed from bead area




## Recommendations for knurling use on 5° tapered rim contours

| Rim width | Rim Diameter | Rim Diameter 24” and larger |
|---|---|---|
| 13” and smaller | Upon request | Upon request |
| 14” and larger | Upon request | Always |

Knurling conditions (ETRTO)

**Notice!**

For preventing tire slippage on rim:

1. Proper inflation pressure.
2. Use high quality standards fulfilling rims.

# RIMS

## Tubeless forestry rims

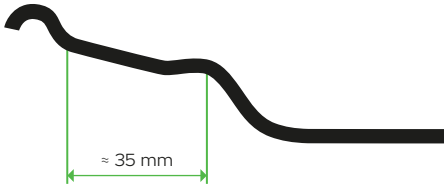
With the introduction of radial forestry tires(Forest Rider), Nokian Heavy Tyres is able to offer tubeless wheels for forestry.

Advantages:

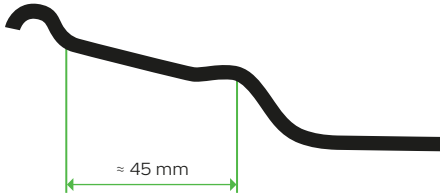
1. No need for tubes and regular tube maintenance
2. No tube valve break-ups from occasional tire wheel spins in severe high torque conditions.
3. If a wheel spin should occur it has no effect on wheel functionability

A tubeless forestry rim has 3 differences compared with a standart similar contour agricultural rim.

1. Rim flange reinforcements
2. Knurling
3. 15º tapered rims with wider hump dimensioning to accomodate stiffer and wider tire bead area.




Traditional agricultural rim hump dimensioning




Forestry rim hump dimensioning to accomodate wider tire base

**Notice!**
Rims with wider hump can be used also in agricultural and forestry trailer tires.
5º tapered rims don't require humps to perform as tubeless (i.e. 34" Forest Rider sizes).

## Agricultural rims

Agricultural rims are TL (tubeless) type.
Rim material, rim shape (contour) and material thickness are based on wheel loading requirements.

### EXAMPLES OF AGRICULTURAL RIM SIZES:

| | |
|---|---|
| 13.00 x 15.5 | All 15º tapered agricultural rim sizes are equipped with humps. |
| 16.00 x 17 | 5º tapered sizes dont require humps for tubeless use. |
| AG 13.00 x 22.5 | |
| AG 20.00 x 26.5 | |
| DW 13 x 24 | |
| DW 16 x 34 | |

# RIMS

## Industrial and EM multi-piece wheels

### WHEEL PARTS/COMPONENTS



- **3-piece rim** / bead seat ring, side ring and lock ring the same component



- **4-piece rim** / bead seat ring and lock ring the same component

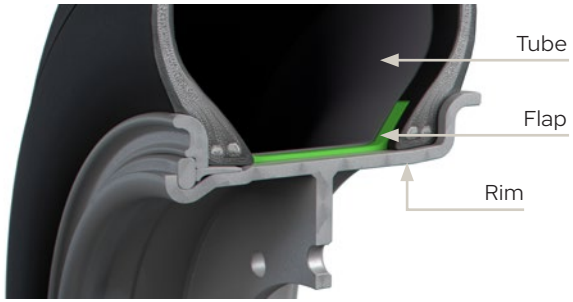


- **5-piece rim** / all parts separate

**Notice!**
Always check that rim load capacity meets or exceeds tire load capacity.
As wheel is a highly stressed component it must be inspected periodically.

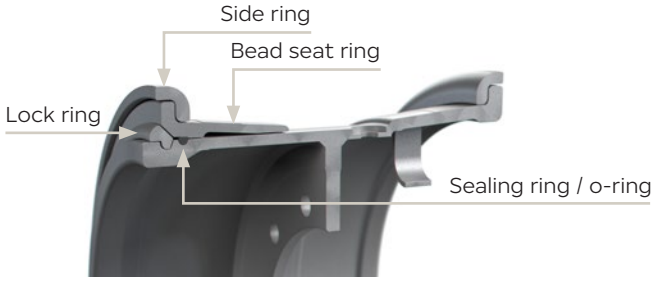
**Safety and service recommendations for wheels:**
» www.euwa.org/safety-informations/safety-service

**Notice!**
Wheel, when disc included. Rim, when no disc included.




### MULTI-PIECE RIMS 20” AND 24”

Generally tube-type wheels, requiring a tube and a flap.
**Examples of tire sizes:**
12.00 - 20
14.00 - 24




### MULTI-PIECE RIMS 25”, 29” AND 33”

Generally tubeless wheel, requiring a sealant ring (o-ring)
**Examples of tire sizes:**
17.5 R 25
16.00 R 25
18.00 - 25
18.00 - 33

# RIMS

## Flaps

| Product code | Description | Tire sizes |
|---|---|---|
| T299520 | FLAP 170-20 | 9.00-20, 10.00-20 |
| T299530 | FLAP 195-20 | 11.00-20, 12.00-20 (rim 8.0) |
| T299537 | FLAP 225-20 | 12.00-20 |
| T299538* | FLAP 260-20 | 14.00-20 |
| T299531* | FLAP 260-24/25 | 12.00-24, 14.00-24, 16.00-24, 16.00-25 |
| T299551 | FLAP 350-25 | 17.5-25, 18.00-25 |
| T299540 | FLAP 430-25 | 20.5-25 |
| T299552 | FLAP 500-25 | 23.5-25 |

*) Flap valve hole made afterwards depending on required positioning

## O-rings

| O-ring code | Nokian O-ring product code | Rim contours |
|---|---|---|
| OR-224 | HTOC 00013 | 10.00VA |
| OR-225 | HTOC 00003 | 12.00/1.3, 14.00/1.5 |
| OR-325 | HTOC 00004 | 10.00WA, 11.25/20, 13.00/2.5, 15.00/2.5, 17.00/2.0, 19.50/2.5, 22.00/3.0, 25.00/3.5 |
| OR-329 | HTOC 00008 | 22.00/3.0, 25.00/3.5 |
| OR-333 | HTOC 00011 | 13.00/2.5 |

**OR - 2XX** ← **O-ring diameter: 2 :** 2/8 inch = 6.35 mm / **3 :** 3/8 inch = 9.53 mm

**OR: O-ring**

## Tube, Flap and O-ring suitability

| Tire product code | Name | Tube product code | Tube description | Flap product code | Flap description | O-ring* | O-ring description |
|---|---|---|---|---|---|---|---|
| T445562 | 9.00-20 16 ARMOR GARD MINE | T52520 | 9.00 -20 TR 175 TUBE | T299520 | FLAP 170-20 | | |
| T445451 | 10.00-20 16 ARMOR GARD | T52620 | 10.00-20 TR 78 TUBE | T299520 | FLAP 170-20 | | |
| T445649 | 10.00-20 16 ARMOR GARD 2 TT | T52620 | 10.00-20 TR 78 TUBE | T299520 | FLAP 170-20 | | |
| T445450 | 11.00-20 16 ARMOR GARD | T52720 | 11.00-20 TR 179 TUBE | T299530 | FLAP 195-20 | | |
| T445459 | 12.00-20 20 ARMOR GARD | T52810 | 12.00-20 V3.02.16 TUBE | T299537 | FLAP 225-20 | | |
| T445449 | 12.00-20 20 ARMOR GARD MINE | T52810 | 12.00-20 V3.02.16 TUBE | T299537 | FLAP 225-20 | | |
| T445544 | 12.00-20 20 MINE KING L-5S TT | T52810 | 12.00-20 V3.02.16 TUBE | T299537 | FLAP 225-20 | | |
| T445617 | 14.00-20 178A2 MINE KING E-4 | T52920 | 14.00-20 TR 274 TUBE | T299537 | FLAP 225-20 | | |
| T488311 | 14.00-24 28 HTS E-3 TL | T55767 | 14.00-24 TR 1175 TUBE | T299531 | FLAP 260-24/25 | HTOC00004 | OR-325 |
| T445456 | 14.00-24 28 MINE E-3 TL | T55767 | 14.00-24 TR 1175 TUBE | T299531 | FLAP 260-24/25 | HTOC00004 | OR-325 |
| T445471 | 14.00-24 28 RTG TL | T55767 | 14.00-24 TR 1175 TUBE | T299531 | FLAP 260-24/25 | HTOC00004 | OR-325 |
| T493551 | 14.00R24 153A8 GRS TL | T55767 | 14.00-24 TR 1175 TUBE | T299531 | FLAP 260-24/25 | HTOC00013 | OR-224 |
| T445463 | 15.5R25 152B/169A2 LOADER GRIP 2 L-3 TL | T55810 | 16.00-25 TR J1175 BUT | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T488431 | 16.00-25 36 HTS E-4 TL | T55810 | 16.00-25 TR J1175 BUT | | | HTOC00004 | OR-325 |
| T445540 | 17.5-25 24 MINE KING L-5S TL | T55867 | 17.5-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T445580 | 17.5-25 34 MINE KING L-5S TL | T55867 | 17.5-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T493560 | 17.5R25 153A8 GRS TL | T55867 | 17.5-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T445255 | 17.5R25 157B/176A2 LOADER GRIP L-3 TL | T55867 | 17.5-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T445590 | 17.5R25 176A2/153A8 HAKKAPELIITTA LOADER L-2 TL | T55867 | 17.5-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00003 | OR-225 |
| T445545 | 18.00-25 32 MINE KING L-5S TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | T299551 | FLAP 350-25 | HTOC00004 | OR-325 |
| T445637 | 18.00-25 40 HTS G2 E-4 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | | | HTOC00004 | OR-325 |
| T445638 | 18.00-25 40 HTS G2 L-4S TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | | | HTOC00004 | OR-325 |
| T445468 | 18.00-25 40 RTG E-3 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | | | HTOC00004 | OR-325 |
| T445514 | 18.00-33 40 HTS E-4 TL | | | | | HTOC00011 | OR-333 |
| T445458 | 18.00-33 40 HTS L-4S TL | | | | | HTOC00011 | OR-333 |
| T445171 | 20.5R25 168B/186A2 LOADER GRIP L-3 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | T299540 | FLAP 430-25 | HTOC00004 | OR-325 |
| T445591 | 20.5R25 186A2 HAKKAPELIITTA LOADER L-2 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | T299540 | FLAP 430-25 | HTOC00004 | OR-325 |
| T445223 | 23.5R25 176B/195A2 LOADER GRIP L-3 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | T299552 | FLAP 500-25 | HTOC00004 | OR-325 |
| T445592 | 23.5R25 195A2 HAKKAPELIITTA LOADER L-2 TL | T55831 | 18.00/ 20.5/ 23.5/ 25/65-25 TR J1175 TUBE | T299552 | FLAP 500-25 | HTOC00004 | OR-325 |
| T445546 | 26.5-25 36 MINE KING L-5S TL | | | | | HTOC00004 | OR-325 |
| T445522 | 26.5-25 36 MINE L-3S TL | | | | | HTOC00004 | OR-325 |
| T845483 | 26.5R25 NORDMAN MINE E-4 TL | | | | | HTOC00004 | OR-325 |
| T445547 | 29.5-29 40 MINE KING L-5S TL | | | | | HTOC00008 | OR-329 |
| T845482 | 29.5R25 NORDMAN MINE E-4 TL | | | | | HTOC00004 | OR-325 |

*) O-ring listed is always delivered with the tire

# RIMS

## Inspections on rims

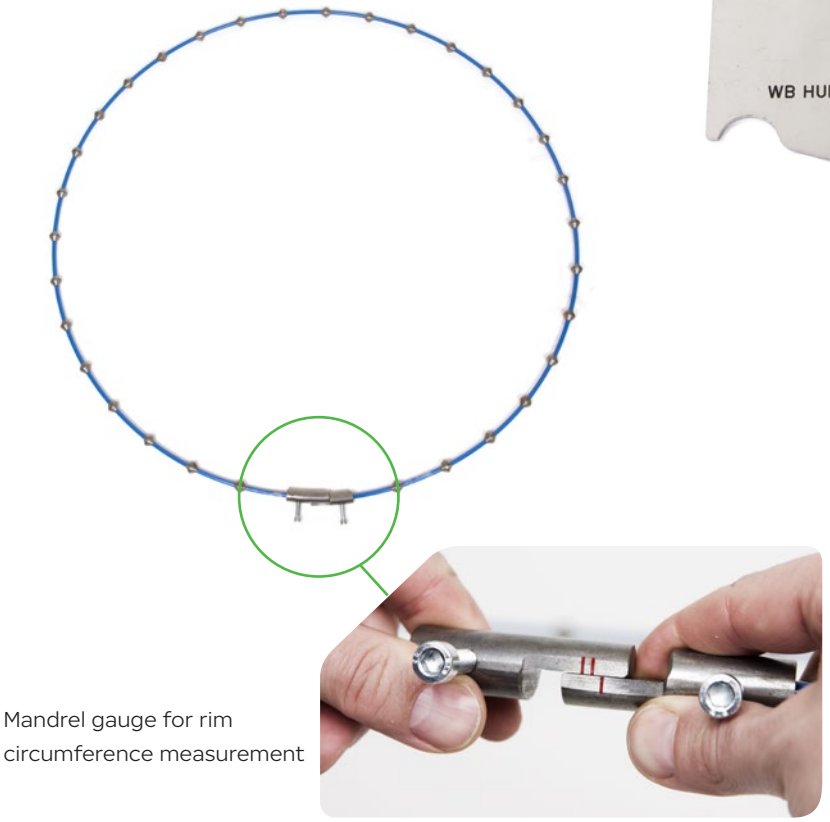
### ALLOWED WHEEL RADIAL- / LATERAL RUN-OUTS

Tolerances of the rim radial-/lateral run-out in agricultural and industrial use.

| Nominal rim diameter | STRO radial / lateral | | DIN 7823 radial / lateral | |
|---|---|---|---|---|
| | mm | 32 nds in | mm | 32 nds in |
| 15” - 20” | 2.5 / 2.5 | 3.2 / 3.2 | 3.5 / 3.5 | 4.4 / 4.4 |
| 22” - 28” | 3.5 / 3.5 | 4.4 / 4.4 | 3.5 / 3.5 | 4.4 / 4.4 |
| 30” - 38” | 5.0 / 5.0 | 6.3 / 6.3 | 5.0 / 5.0 | 6.3 / 6.3 |

### MANDREL GAUGE

- Tolerance of the mandrel circumference is +/- 1.2 mm
- Even a small under-swing on circumference accelerates the wearing of the rim and leads to tire rotation on the rim or bead chafing
- Crossing on circumference can cause a tire damage already when fitting the tire on to the rim



Mandrel gauge for rim circumference measurement

### CONTOUR GAUGE

- If the flange is worn out or bend it does not support the bead of the tire and can cause bead chafing and ruin the tire






# RIMS

## Tire mounting tools

### TIRE MOUNTING CLAMP

**APPLICATION**

15° Drop-centre rims, with bead width 36–44 mm (AG20.00 upwards)

**SUITABILITY**

| Rim | Size | Tires |
|---|---|---|
| Levypyörä | AG 20x22.5 WB TE<br>AG 22x22.5 WB TE<br>AG 24x22.5 WB TE | Nokian Forestry and Excavator tires, fitted on AG 15° tapered rims, 20PR or higher ply rating |
| GKN Profiline | AG 20x22.5 Profiline, bead width 36 mm<br>AG 24x22.5 Profiline, bead width 36 mm | |

**Please note:** Always check that the load capacity of the rim is sufficient for intended use.

**TECHNICAL SPECIFICATIONS:**

| Dimensions | Weight | Product code |
|---|---|---|
| 300 x 340 x 40 mm | 5 kg | HTTMC00001 |

**MOUNTING CLAMP IS DEVELOPED AND TESTED TO MAKE MOUNTING EASIER.**




**For detailed mounting instruction videos, please see:**

» Excavator tire mounting
» Skidder tire mounting
» CTL tire mounting

# TUBES AND VALVES

## Tubes

### TUBE MARKINGS

Tube markings go hand in hand with tire markings with one exception: a tube may be suitable for use with one ore more different tire sizes. In such instances, the tube bears a so called combination size designation. Before installation, it is imperative to ensure the tube carries the same size designation as the tire.

### EXAMPLES OF ONE TUBE FITTING SEVERAL TIRE SIZES

| Tire size | Valve | Tube marking (combination size) | Tube product code |
|---|---|---|---|
| 18.00-25 | TR 220A | 18.00-25 | T55872 |
| 20.5-25 | | 20.5-25 | |
| 23.5-25 | | 23.5-25 | |
| 25/65-25 | | 25/65-25 | |
| 22/65-25 | TR 220A | 22/65-25 | T55878 |
| 500/60-26.5 | TR 218A | 500/60-26.5 | T55097 |
| 540/60R26.5 | | 540/60R26.5 | |
| 480/65R28 | | 480/65R28 | |
| 500/65R28 | | 500/65R28 | |
| 600/55-26.5 | TR 218A | 600/55-26.5 | T55098 |
| 700/50-26.5 | TR 218A | 700/50-26.5 | T55099 |
| 710/45-26.5 | | 710/45-26.5 | |



### TUBE MOUNTING

With properly done mounting, the risk of premature tube failure can be virtually eliminated. A so called dual inflation and the use of talcum powder will help ensure that no air gets trapped between the tire and the tube upon installation.
Use of improper or excessive lubricants can lead to rim slippage. This will cause the valve to tear off, which can cause damage to the entire tire.




Size designation marking on tube

## Examples of valve types







115D







TR J650



# TUBES AND VALVES

## Recommendations on tube replacement hours and inflation pressure check-ups

### REPLACEMENT RECOMMENDATION

**Severe working conditions:**
Replace with new tubes every 5 000 hours.

**Less demanding conditions:**
Replace with new tubes every 8 000 – 10 000 hours.

This guideline applies when recommended inflation pressures for the given application are used.
This guideline applies when inflation pressure check-ups are regular.

### RECOMMENDATION ON REGULAR INFLATION PRESSURE CHECK-UPS

- To be part of the normal forestry machine service procedure
- To be done every at least every 500 working hours



TR 218 A for TT use



TR 618 A for TL use



TR 218 A

**Notice!**
Use only Nokian tubes for optimal tube life.

**Notice!**
If pressure recommendations and regular inflation pressure check-ups are not applied, tube damages can occur prematurely, even before the minimum 5 000 hour replacement interval.

# GROUND CONTACT PRESSURE COMPARISON

## Ground pressure comparison between different tire sizes

Both the tire diameter and width have an important role in determining the size of tire contact area. In practice the tire diameter increase has greater effect on machine mobility than the width increase. Due to the variation in operating ground the absolute ground pressure values can be difficult to assess. However the information in this table is useful when comparing the relative performance of different tires.

### CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 600/50-22.5 | | 710/40-22.5 | | 710/40-24.5 | | 500/60-26.5 | | 600/55-26.5 | | 650/60-26.5 | | 650/65-26.5 | | 710/45-26.5 | | 750/55-26.5 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 171 | 46.1 | 1 171 | 46.1 | 1 230 | 48.4 | 1 273 | 50.1 | 1 340 | 52.8 | 1 485 | 58.5 | 1 485 | 58.5 | 1 340 | 52.8 | 1 485 | 58.5 |
| Width | | 601 | 23.7 | 710 | 28.0 | 710 | 28.0 | 503 | 19.8 | 601 | 23.7 | 650 | 25.6 | 650 | 25.6 | 710 | 28.0 | 750 | 29.5 |
| Contact area *) | | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² |
| | | 3 520 | 545.565 | 4 160 | 644.758 | 4 370 | 677.306 | 3 200 | 495.968 | 4 030 | 624.610 | 4 830 | 748.602 | 4 830 | 748.602 | 4 760 | 737.752 | 5 570 | 863.294 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² |
| 500 | 1 100 | 0.14 | 2.02 | 0.12 | 1.71 | 0.11 | 1.62 | 0.16 | 2.22 | 0.12 | 1.76 | 0.10 | 1.47 | 0.10 | 1.47 | 0.11 | 1.49 | 0.09 | 1.27 |
| 1 000 | 2 205 | 0.28 | 4.04 | 0.24 | 3.42 | 0.23 | 3.26 | 0.31 | 4.45 | 0.25 | 3.53 | 0.21 | 2.95 | 0.21 | 2.95 | 0.21 | 2.99 | 0.18 | 2.55 |
| 1 500 | 3 305 | 0.43 | 6.06 | 0.36 | 5.13 | 0.34 | 4.88 | 0.47 | 6.66 | 0.37 | 5.29 | 0.31 | 4.41 | 0.31 | 4.41 | 0.32 | 4.48 | 0.27 | 3.83 |
| 2 000 | 4 410 | 0.57 | 8.08 | 0.48 | 6.84 | 0.46 | 6.51 | 0.63 | 8.89 | 0.50 | 7.06 | 0.41 | 5.89 | 0.41 | 5.89 | 0.42 | 5.98 | 0.36 | 5.11 |
| 2 500 | 5 510 | 0.71 | 10.10 | 0.60 | 8.55 | 0.57 | 8.14 | 0.78 | 11.11 | 0.62 | 8.82 | 0.52 | 7.36 | 0.52 | 7.36 | 0.53 | 7.47 | 0.45 | 6.38 |
| 3 000 | 6 615 | 0.85 | 12.13 | 0.72 | 10.26 | 0.69 | 9.77 | 0.94 | 13.34 | 0.74 | 10.59 | 0.62 | 8.84 | 0.62 | 8.84 | 0.63 | 8.97 | 0.54 | 7.66 |
| 3 500 | 7 715 | 0.99 | 14.14 | 0.84 | 11.97 | 0.80 | 11.39 | 1.09 | 15.56 | 0.87 | 12.35 | 0.72 | 10.31 | 0.72 | 10.31 | 0.74 | 10.46 | 0.63 | 8.94 |
| 4 000 | 8 820 | 1.14 | 16.17 | 0.96 | 13.68 | 0.92 | 13.02 | 1.25 | 17.78 | 0.99 | 14.12 | 0.83 | 11.78 | 0.83 | 11.78 | 0.84 | 11.96 | 0.72 | 10.22 |
| 4 500 | 9 920 | 1.28 | 18.18 | 1.08 | 15.39 | 1.03 | 14.65 | | | 1.12 | 15.88 | 0.93 | 13.25 | 0.93 | 13.25 | 0.95 | 13.45 | 0.81 | 11.49 |
| 5 000 | 11 025 | 1.42 | 20.21 | | | 1.14 | 16.28 | | | 1.24 | 17.65 | 1.04 | 14.73 | 1.04 | 14.73 | 1.05 | 14.94 | 0.90 | 12.77 |
| 5 500 | 12 125 | 1.56 | 22.22 | | | 1.26 | 17.90 | | | 1.36 | 19.41 | 1.14 | 16.20 | 1.14 | 16.20 | 1.16 | 16.44 | 0.99 | 14.05 |
| 6 000 | 13 230 | | | | | 1.37 | 19.53 | | | 1.49 | 21.18 | 1.24 | 17.67 | 1.24 | 17.67 | 1.26 | 17.93 | 1.08 | 15.33 |
| 6 500 | 14 330 | | | | | | | | | 1.61 | 22.94 | 1.35 | 19.14 | 1.35 | 19.14 | 1.37 | 19.42 | 1.17 | 16.60 |
| 7 000 | 15 430 | | | | | | | | | | | 1.45 | 20.61 | 1.45 | 20.61 | 1.47 | 20.91 | 1.26 | 17.87 |
| 7 500 | 16 535 | | | | | | | | | | | 1.55 | 22.09 | 1.55 | 22.09 | 1.58 | 22.41 | 1.35 | 19.15 |
| 8 000 | 17 635 | | | | | | | | | | | 1.66 | 23.56 | 1.66 | 23.56 | | | 1.44 | 20.43 |
| 8 500 | 18 740 | | | | | | | | | | | | | 1.76 | 25.03 | | | 1.53 | 21.71 |
| 9 000 | 19 840 | | | | | | | | | | | | | | | | | 1.62 | 22.98 |
| 9 500 | 20 945 | | | | | | | | | | | | | | | | | 1.71 | 24.26 |
| 10 000 | 22 045 | | | | | | | | | | | | | | | | | 1.80 | 25.54 |

*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# GROUND CONTACT PRESSURE COMPARISON

## CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 780/55-26.5 | | 800/50R26.5 | | 710/55-28.5 | | 780/50-28.5 | | 800/40-26.5 | | 600/65-34 | | 700/55-34 | | 700/70-34 | | 23.1-26 | | 28L-26 | | 30.5L-32 | | 620/75-26 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 485 | 58.5 | 1 485 | 58.5 | 1 525 | 60.0 | 1 525 | 60.0 | 1 340 | 52.8 | 1 644 | 64.7 | 1 485 | 58.5 | 1 844 | 72.6 | 1 632 | 64.3 | 1 644 | 64.7 | 1 857 | 73.1 | 1 590 | 62.6 |
| Width | | 780 | 30.7 | 800 | 31.5 | 710 | 28.0 | 780 | 30.7 | 800 | 31.5 | 600 | 23.6 | 700 | 27.6 | 700 | 27.6 | 587 | 23.1 | 714 | 28.1 | 775 | 30.5 | 625 | 24.6 |
| Contact area *) | | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² | cm² | in² |
| | | 5 790 | 897.392 | 5 940 | 920.6406 | 5 410 | 838.4959 | 5 950 | 922.1905 | 5 360 | 830.7464 | 4 930 | 764.101 | 5 200 | 805.948 | 6 450 | 999.686 | 4 790 | 742.402 | 5 870 | 909.791 | 7 200 | 1 115.93 | 4 970 | 770.300 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² | kg/cm² | lbs/in² |
| 500 | 1 100 | 0.09 | 1.23 | 0.08 | 1.19 | 0.09 | 1.31 | 0.08 | 1.19 | 0.09 | 1.32 | 0.10 | 1.44 | 0.10 | 1.36 | 0.08 | 1.10 | 0.14 | 2.02 | 0.12 | 1.71 | 0.11 | 1.62 | 0.16 | 2.22 |
| 1 000 | 2 205 | 0.17 | 2.46 | 0.17 | 2.40 | 0.18 | 2.63 | 0.17 | 2.39 | 0.19 | 2.65 | 0.20 | 2.89 | 0.19 | 2.74 | 0.16 | 2.21 | 0.28 | 4.04 | 0.24 | 3.42 | 0.23 | 3.26 | 0.31 | 4.45 |
| 1 500 | 3 305 | 0.26 | 3.68 | 0.25 | 3.59 | 0.28 | 3.94 | 0.25 | 3.58 | 0.28 | 3.98 | 0.30 | 4.33 | 0.29 | 4.10 | 0.23 | 3.31 | 0.43 | 6.06 | 0.36 | 5.13 | 0.34 | 4.88 | 0.47 | 6.66 |
| 2 000 | 4 410 | 0.35 | 4.91 | 0.34 | 4.79 | 0.37 | 5.26 | 0.34 | 4.78 | 0.37 | 5.31 | 0.41 | 5.77 | 0.38 | 5.47 | 0.31 | 4.41 | 0.57 | 8.08 | 0.48 | 6.84 | 0.46 | 6.51 | 0.63 | 8.89 |
| 2 500 | 5 510 | 0.43 | 6.14 | 0.42 | 5.98 | 0.46 | 6.57 | 0.42 | 5.97 | 0.47 | 6.63 | 0.51 | 7.21 | 0.48 | 6.84 | 0.39 | 5.51 | 0.71 | 10.10 | 0.60 | 8.55 | 0.57 | 8.14 | 0.78 | 11.11 |
| 3 000 | 6 615 | 0.52 | 7.37 | 0.51 | 7.19 | 0.55 | 7.89 | 0.50 | 7.17 | 0.56 | 7.96 | 0.61 | 8.66 | 0.58 | 8.21 | 0.47 | 6.62 | 0.85 | 12.13 | 0.72 | 10.26 | 0.69 | 9.77 | 0.94 | 13.34 |
| 3 500 | 7 715 | 0.60 | 8.60 | 0.59 | 8.38 | 0.65 | 9.20 | 0.59 | 8.37 | 0.65 | 9.29 | 0.71 | 10.10 | 0.67 | 9.57 | 0.54 | 7.72 | 0.99 | 14.14 | 0.84 | 11.97 | 0.80 | 11.39 | 1.09 | 15.56 |
| 4 000 | 8 820 | 0.69 | 9.83 | 0.67 | 9.58 | 0.74 | 10.52 | 0.67 | 9.56 | 0.75 | 10.62 | 0.81 | 11.54 | 0.77 | 10.94 | 0.62 | 8.82 | 1.14 | 16.17 | 0.96 | 13.68 | 0.92 | 13.02 | 1.25 | 17.78 |
| 4 500 | 9 920 | 0.78 | 11.05 | 0.76 | 10.78 | 0.83 | 11.83 | 0.76 | 10.76 | 0.84 | 11.94 | 0.91 | 12.98 | 0.87 | 12.31 | 0.70 | 9.92 | 1.28 | 18.18 | 1.08 | 15.39 | 1.03 | 14.65 | 1.41 | 20.00 |
| 5 000 | 11 025 | 0.86 | 12.29 | 0.84 | 11.98 | 0.92 | 13.15 | 0.84 | 11.96 | 0.93 | 13.27 | 1.01 | 14.43 | 0.96 | 13.68 | 0.78 | 11.03 | 1.42 | 20.21 | 1.20 | 17.10 | 1.14 | 16.28 | 1.56 | 22.23 |
| 5 500 | 12 125 | 0.95 | 13.51 | 0.93 | 13.17 | 1.02 | 14.46 | 0.92 | 13.15 | 1.03 | 14.60 | | | 1.06 | 15.04 | 0.85 | 12.13 | 1.56 | 22.22 | 1.32 | 18.81 | 1.26 | 17.90 | 1.72 | 24.45 |
| 6 000 | 13 230 | 1.04 | 14.74 | 1.01 | 14.37 | 1.11 | 15.78 | 1.01 | 14.35 | 1.12 | 15.93 | | | 1.15 | 16.42 | 0.93 | 13.23 | 1.70 | 24.25 | 1.44 | 20.52 | 1.37 | 19.53 | | |
| 6 500 | 14 330 | 1.12 | 15.97 | 1.09 | 15.57 | 1.20 | 17.09 | 1.09 | 15.54 | 1.21 | 17.25 | | | | | 1.01 | 14.33 | | | | | 1.49 | 21.16 | | |
| 7 000 | 15 430 | 1.21 | 17.19 | 1.18 | 16.76 | 1.29 | 18.40 | 1.18 | 16.73 | | | | | | | 1.09 | 15.43 | | | | | 1.60 | 22.78 | | |
| 7 500 | 16 535 | 1.30 | 18.43 | 1.26 | 17.96 | 1.39 | 19.72 | 1.26 | 17.93 | | | | | | | | | | | | | 1.72 | 24.41 | | |
| 8 000 | 17 635 | 1.38 | 19.65 | 1.35 | 19.16 | 1.48 | 21.03 | 1.34 | 19.12 | | | | | | | | | | | | | 1.83 | 26.04 | | |
| 8 500 | 18 740 | 1.47 | 20.88 | 1.43 | 20.36 | 1.57 | 22.35 | 1.43 | 20.32 | | | | | | | | | | | | | | | | |
| 9 000 | 19 840 | 1.55 | 22.11 | 1.52 | 21.55 | 1.66 | 23.66 | 1.51 | 21.51 | | | | | | | | | | | | | | | | |
| 9 500 | 20 945 | 1.64 | 23.34 | 1.60 | 22.75 | 1.76 | 24.98 | 1.60 | 22.71 | | | | | | | | | | | | | | | | |
| 10 000 | 22 045 | 1.73 | 24.57 | 1.68 | 23.95 | 1.85 | 26.29 | 1.68 | 23.91 | | | | | | | | | | | | | | | | |

*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# GROUND CONTACT PRESSURE COMPARISON

## CONTACT AREA AND GROUND PRESSURE AT DIFFERENT TIRE LOADS. SOFT SOIL.

| Size | | 500/70-28 | | 540/70-30 | | 600/70-38 | | 650/75-38 | | 16.9-28 | | 16.9-30 | | 16.9-34 | | 18.4-34 | | 18.4-38 | | 20.8-38 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| Diameter | | 1 405 | 55.3 | 1 515 | 59.6 | 1 820 | 71.7 | 1 965 | 77.4 | 1 435 | 56.5 | 1 485 | 58.5 | 1 585 | 62.4 | 1 650 | 65.0 | 1 750 | 68.9 | 1 840 | 72.4 |
| Width | | 503 | 19.8 | 540 | 21.3 | 611 | 24.1 | 650 | 25.6 | 429 | 16.9 | 429 | 16.9 | 429 | 16.9 | 467 | 18.4 | 467 | 18.4 | 528 | 20.8 |
| Contact area *) | | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ | $cm^2$ | $in^2$ |
| | | 3 530 | 547.115 | 4 090 | 633.909 | 5 560 | 861.744 | 6 390 | 990.386 | 3 080 | 477.369 | 3 190 | 494.418 | 3 400 | 526.966 | 3 850 | 596.712 | 4 090 | 633.909 | 4 860 | 753.251 |
| Load | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | | Ground pressure | |
| kg | lbs | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ | $kg/cm^2$ | $lbs/in^2$ |
| 500 | 1 100 | 0.12 | 1.76 | 0.10 | 1.47 | 0.10 | 1.47 | 0.11 | 1.49 | 0.09 | 1.27 | 0.09 | 1.23 | 0.09 | 1.32 | 0.10 | 1.44 | 0.10 | 1.36 | 0.08 | 1.10 |
| 1 000 | 2 205 | 0.25 | 3.53 | 0.21 | 2.95 | 0.21 | 2.95 | 0.21 | 2.99 | 0.18 | 2.55 | 0.17 | 2.46 | 0.19 | 2.65 | 0.20 | 2.89 | 0.19 | 2.74 | 0.16 | 2.21 |
| 1 500 | 3 305 | 0.37 | 5.29 | 0.31 | 4.41 | 0.31 | 4.41 | 0.32 | 4.48 | 0.27 | 3.83 | 0.26 | 3.68 | 0.28 | 3.98 | 0.30 | 4.33 | 0.29 | 4.10 | 0.23 | 3.31 |
| 2 000 | 4 410 | 0.50 | 7.06 | 0.41 | 5.89 | 0.41 | 5.89 | 0.42 | 5.98 | 0.36 | 5.11 | 0.35 | 4.91 | 0.37 | 5.31 | 0.41 | 5.77 | 0.38 | 5.47 | 0.31 | 4.41 |
| 2 500 | 5 510 | 0.62 | 8.82 | 0.52 | 7.36 | 0.52 | 7.36 | 0.53 | 7.47 | 0.45 | 6.38 | 0.43 | 6.14 | 0.47 | 6.63 | 0.51 | 7.21 | 0.48 | 6.84 | 0.39 | 5.51 |
| 3 000 | 6 615 | 0.74 | 10.59 | 0.62 | 8.84 | 0.62 | 8.84 | 0.63 | 8.97 | 0.54 | 7.66 | 0.52 | 7.37 | 0.56 | 7.96 | 0.61 | 8.66 | 0.58 | 8.21 | 0.47 | 6.62 |
| 3 500 | 7 715 | 0.87 | 12.35 | 0.72 | 10.31 | 0.72 | 10.31 | 0.74 | 10.46 | 0.63 | 8.94 | 0.60 | 8.60 | 0.65 | 9.29 | 0.71 | 10.10 | 0.67 | 9.57 | 0.54 | 7.72 |
| 4 000 | 8 820 | 0.99 | 14.12 | 0.83 | 11.78 | 0.83 | 11.78 | 0.84 | 11.96 | | | | | 0.75 | 10.62 | 0.81 | 11.54 | 0.77 | 10.94 | 0.62 | 8.82 |
| 4 500 | 9 920 | | | 0.93 | 13.25 | 0.93 | 13.25 | 0.95 | 13.45 | | | | | | | 0.91 | 12.98 | 0.87 | 12.31 | 0.70 | 9.92 |
| 5 000 | 11 025 | | | | | 1.04 | 14.73 | 1.05 | 14.94 | | | | | | | | | | | 0.78 | 11.03 |
| 5 500 | 12 125 | | | | | 1.14 | 16.20 | 1.16 | 16.44 | | | | | | | | | | | 0.85 | 12.13 |
| 6 000 | 13 230 | | | | | 1.24 | 17.67 | 1.26 | 17.93 | | | | | | | | | | | | |
| 6 500 | 14 330 | | | | | 1.35 | 19.14 | 1.37 | 19.42 | | | | | | | | | | | | |
| 7 000 | 15 430 | | | | | | | 1.47 | 20.91 | | | | | | | | | | | | |
| 7 500 | 16 535 | | | | | | | | | | | | | | | | | | | | |
| 8 000 | 17 635 | | | | | | | | | | | | | | | | | | | | |
| 8 500 | 18 740 | | | | | | | | | | | | | | | | | | | | |
| 9 000 | 19 840 | | | | | | | | | | | | | | | | | | | | |
| 9 500 | 20 945 | | | | | | | | | | | | | | | | | | | | |

*) Contact area calculated by using a formula by the Swedish Forestry Research Institute (Skogsarbeten).

# HOW TO USE LOAD CAPACITY TABLES?

## Q: How to find the right inflation pressure?

**Tire:** 650/65R 26.5 174 D ELS
**Load per tire:** 7 000 kg / 15 432 lb
**Max speed of vehicle:** 40 km/h / 25 mph

**A: Correct inflation pressure is 2.8 bar / 41 psi**

### SIZE: 650/65R26.5 174 D

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 260 | 9 390 | 5 400 | 11 905 | 6 400 | 14 110 | 7 200 | 15 875 | 8 350 | 18 410 | 9 300 | 20 505 | 10 100 | 22 265 | 11 100 | 24 470 | 12 100 | 26 675 |
| 20 | 12,5 | 3 900 | 8 600 | 4 960 | 10 935 | 5 860 | 12 920 | 6 600 | 14 550 | 7 650 | 16 865 | 8 500 | 18 740 | 9 250 | 20 395 | 10 150 | 22 375 | 11 100 | 24 470 |
| 25 | 15 | 3 740 | 8 245 | 4 740 | 10 450 | 5 620 | 12 390 | 6 350 | 14 000 | 7 350 | 16 205 | 8 150 | 17 965 | 8 850 | 19 510 | 9 750 | 21 495 | 10 600 | 23 370 |
| 30 | 20 | 3 580 | 7 890 | 4 540 | 10 010 | 5 380 | 11 860 | 6 050 | 13 340 | 7 000 | 15 430 | 7 800 | 17 195 | 8 500 | 18 740 | 9 300 | 20 505 | 10 150 | 22 375 |
| 40 | 25 | 3 220 | 7 100 | 4 080 | 8 995 | 4 840 | 10 670 | 5 440 | 11 995 | 6 300 | 13 890 | 7 050 | 15 540 | 7 650 | 16 865 | 8 400 | 18 520 | 9 150 | 20 170 |
| 50 | 30 | 2 860 | 6 305 | 3 640 | 8 025 | 4 300 | 9 480 | 4 840 | 10 670 | 5 600 | 12 345 | 6 250 | 13 780 | 6 800 | 14 990 | 7 450 | 16 425 | 8 150 | 17 965 |
| 65 | 40 | 2 360 | 5 205 | 3 000 | 6 615 | 3 550 | 7 825 | 4 000 | 8 820 | 4 625 | 10 195 | 5 150 | 11 355 | 5 600 | 12 345 | 6 150 | 13 560 | 6 700 | 14 770 |

## Q: How to find a maximum speed for the application (highest speed with the chosen tire)?

**Tire:** 650/60 R 34 175 D
**Load per tire:** 10 000 kg / 22 046 lb
**Inflation pressure:** 4,0 bar / 58 psi Use tire maximum inflation pressure to gain the highest speed value

**A: Maximum speed is 30 km/h / 20 mph**

### SIZE: 650/60R34 175 D

| Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| 10 | 5 | 4 500 | 9 920 | 5 540 | 12 215 | 6 750 | 14 880 | 7 650 | 16 865 | 8 550 | 18 850 | 9 850 | 21 715 | 10 450 | 23 040 | 11 350 | 25 020 | 12 450 | 27 445 |
| 20 | 12,5 | 4 140 | 9 125 | 5 080 | 11 200 | 6 200 | 13 670 | 7 050 | 15 540 | 7 850 | 17 305 | 9 000 | 19 840 | 9 600 | 21 165 | 10 400 | 22 930 | 11 400 | 25 130 |
| 25 | 15 | 3 960 | 8 730 | 4 860 | 10 715 | 5 940 | 13 095 | 6 750 | 14 880 | 7 550 | 16 645 | 8 650 | 19 070 | 9 200 | 20 280 | 10 000 | 22 045 | 10 950 | 24 140 |
| 30 | 20 | 3 780 | 8 335 | 4 660 | 10 275 | 5 680 | 12 520 | 6 450 | 14 220 | 7 200 | 15 875 | 8 250 | 18 190 | 8 800 | 19 400 | 9 550 | 21 055 | 10 450 | 23 040 |
| 40 | 25 | 3 400 | 7 495 | 4 200 | 9 260 | 5 100 | 11 245 | 5 780 | 12 745 | 6 500 | 14 330 | 7 450 | 16 425 | 7 900 | 17 415 | 8 600 | 18 960 | 9 400 | 20 725 |
| 50 | 30 | 3 040 | 6 700 | 3 740 | 8 245 | 4 540 | 10 010 | 5 160 | 11 375 | 5 760 | 12 700 | 6 600 | 14 550 | 7 050 | 15 540 | 7 650 | 16 865 | 8 350 | 18 410 |
| 65 | 40 | 2 500 | 5 510 | 3 075 | 6 780 | 3 750 | 8 265 | 4 250 | 9 370 | 4 750 | 10 470 | 5 450 | 12 015 | 5 800 | 12 785 | 6 300 | 13 890 | 6 900 | 15 210 |

**Notice!**
Exceeding maximum speed leads to tire overheating resulting in premature break-up.

# HOW TO USE LOAD CAPACITY TABLES?

## Q: For the tire, what are the required (minimum) inflation pressures when:

1) Driving on the road?
2) Working on the field?

**Tire:** 710/55R34 177 D
**Load per tire:** 7 000 kg / 15 432 lb

A:
1) Vehicle keeps maximum speed in 50 km/h / 30 mph.
With this load the minimum inflation pressure is 2.8 bar/41 psi

2) Maximum speed in field applications is 10 km/h / 5 mph.
With this load the minimum inflation pressure is 1.6 bar / 23 psi

**SIZE: 710/55R34 177 D**

| | Constant | | 0.8 bar | 12 psi | 1.2 bar | 17 psi | 1.6 bar | 23 psi | 2.0 bar | 29 psi | 2.4 bar | 35 psi | 2.8 bar | 41 psi | 3.2 bar | 46 psi | 3.6 bar | 53 psi | 4.0 bar | 58 psi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | km/h | mph | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs | kg | lbs |
| Field | 10 | 5 | 4 780 | 10 540 | 5 860 | 12 920 | 7 200 | 15 875 | 8 100 | 17 855 | 9 300 | 20 505 | 10 450 | 23 040 | 11 100 | 24 470 | 12 100 | 26 675 | 13 150 | 28 990 |
| | 20 | 12,5 | 4 380 | 9 655 | 5 380 | 11 860 | 6 600 | 14 550 | 7 450 | 16 425 | 8 500 | 18 740 | 9 600 | 21 165 | 10 150 | 22 375 | 11 100 | 24 470 | 12 050 | 26 565 |
| | 25 | 15 | 4 200 | 9 260 | 5 140 | 11 330 | 6 350 | 14 000 | 7 150 | 15 765 | 8 150 | 17 965 | 9 200 | 20 280 | 9 750 | 21 495 | 10 600 | 23 370 | 11 550 | 25 465 |
| | 30 | 20 | 4 020 | 8 860 | 4 920 | 10 845 | 6 050 | 13 340 | 6 800 | 14 990 | 7 800 | 17 195 | 8 800 | 19 400 | 9 300 | 20 505 | 10 150 | 22 375 | 11 050 | 24 360 |
| | 40 | 25 | 3 620 | 7 980 | 4 420 | 9 745 | 5 440 | 11 995 | 6 150 | 13 560 | 7 050 | 15 540 | 7 900 | 17 415 | 8 400 | 18 520 | 9 150 | 20 170 | 9 950 | 21 935 |
| Road | 50 | 30 | 3 220 | 7 100 | 3 940 | 8 685 | 4 840 | 10 670 | 5 460 | 12 035 | 6 250 | 13 780 | 7 050 | 15 540 | 7 450 | 16 425 | 8 150 | 17 965 | 8 850 | 19 510 |
| | 65 | 40 | 2 650 | 5 840 | 3 250 | 7 165 | 4 000 | 8 820 | 4 500 | 9 920 | 5 150 | 11 355 | 5 800 | 12 785 | 6 150 | 13 560 | 6 700 | 14 770 | 7 300 | 16 095 |

# LIMITED WARRANTY

These Terms of Liability cover raw material and manufacturing defects of the products ("Products") made by or for Nokian Heavy Tyres Ltd ("Nokian Heavy Tyres"). The liability remains effective for three (3) years from the date of purchase of the Product or for five (5) years from the manufacture of the Product, whichever is the earliest. If a raw material or manufacturing defect is detected in the Product in the Nokian Heavy Tyres´ inspection, Nokian Heavy Tyres shall be liable for this defect in accordance with these Terms of Liability.

These Terms of Liability shall not apply in the following cases:

a) normal wear and tear;
b) incorrect use or use against the given instructions;
c) use in car racing or other such exceptional conditions;
d) incorrect mounting on rim by a party other than Nokian Heavy Tyres or its authorized contractor;
e) incorrect storage of the Product by a party other than Nokian Heavy Tyres or its authorized contractor;
f) incorrect studding implemented by a party other than Nokian Heavy Tyres or its authorised contractor;
g) alterations or repairs of the Product conducted by a party other than Nokian Heavy Tyres or its authorised contractor;
h) damage caused by other party than Nokian Heavy Tyres or its authorized contractor, such as damage caused by transport or mounting;
i) damage caused by chains or other accessories;
j) incorrect or incomplete information or instructions given to the customer and not confirmed or approved by Nokian Heavy Tyres; or
k) other issues comparable to those mentioned in paragraphs a)–j) that are beyond Nokian Heavy Tyres' scope of influence.

Notwithstanding the aforesaid regarding the validity of Nokian Heavy Tyres' liability, these Terms of Liability apply only as long as the defective Product's groove depth fulfils the statutory requirements of the country of sale.

In order for Nokian Heavy Tyres' liability to apply, the customer must notify Nokian Heavy Tyres or its authorised dealer of the defect immediately and not later than within two (2) months from detecting the defect or from the moment when the defect should have been detected.

The customer must immediately return the Product it considers to be defective to Nokian Heavy Tyres or to its authorised tire dealer. Nokian Heavy Tyres shall examine the Product. The Product that is found to be defective shall not be returned to the customer. Defective Product shall be replaced with a similar Product that is free from defects.

The customer shall, however, compensate to Nokian Heavy Tyres the difference between the price of the new Product and the unrealized benefit from the use of the returned Product (realizable had the returned Product not been defective). The price of the new Product delivered to the customer shall be the price valid at the moment, when the defective Product shall be replaced to a similar new Product based on these Terms of Liability. The unrealized benefit shall be calculated on the basis of the remaining groove depth and/or utilization time of the Product. When calculating the unrealized benefit of the defective Product, the price of the defective Product shall be considered to be the price evaluated by Nokian Heavy Tyres at the moment of return of the defective Product and according to the market price of the Product of the same model, size, and type in the country in which the Product in question was sold.

To the raw material or manufacturing defects of integrated products, for instance studs, the terms of liability of the manufacturers of these products shall be applied.

Nokian Heavy Tyres shall not be liable for any damage, and these Terms of Liability shall not apply, in cases of force majeure or other issues beyond Nokian Heavy Tyres' scope of influence.

Nokian Heavy Tyres' liability shall be limited to the aforesaid, and shall only be valid as stipulated in these Terms of Liability. Nokian Heavy Tyres shall not under any circumstances be held liable for any indirect or incidental damage, loss of business income or other profit or any other economic damage, or for any damage caused by the inability to use the Product.

These Terms of Liability shall be governed by and construed in accordance with the laws of Finland. These Terms of Liability shall not limit the customer's rights under the local mandatory law.

# GENERAL TERMS OF DELIVERY

**1. DEFINITIONS**

1.1 The following definitions shall apply to these General Terms of Delivery and to any Agreement:

"Agreement" shall mean a signed document (including its appendices) referring to these General Terms of Delivery or to which these General Terms of Delivery are attached.

"Buyer" shall mean a Party purchasing the Products.

"Intellectual Property Rights" shall mean patents (including petty patents and utility models), design patents, and designs (whether or not capable of registration), copyright, trademark, service mark, and any other form of statutory or common law intellectual property protection of any kind; and applications for any of the foregoing including without limitation reissues, divisions, or other continuations thereof, in all jurisdictions, where applicable.

"Party" shall mean either Nokian or the Buyer specified in the Agreement.

"Products" shall mean tires, studs and anti-slip devices, or other products developed and manufactured by or for Nokian. The Products shall be specified in the Agreement.

"Nokian" shall mean Nokian Tyres plc and any of its affiliate companies.

**2. ENTRY INTO FORCE OF AGREEMENT**

2.1 The Agreement enters into force when signed by both Parties.

2.2 The Agreement enters also into force when the Buyer accepts in writing Nokian's tender regarding the delivery of the Products or when Nokian accepts the Buyer's purchase order regarding the delivery of the Products in writing or by delivering the Products specified in such purchase order.

**3. DELIVERY**

3.1 The delivery term of the Products shall be FCA, premises named by Nokian (Incoterms 2010).

3.2 The Buyer shall inspect the Products after the delivery. The delivery shall be deemed accepted if the Buyer has not presented Nokian with a written remark regarding the delivery of the Products within seven (7) days from the delivery date.

3.3 Nokian shall deliver the Products at the agreed time of delivery. If the time of delivery has not been agreed in writing, Nokian shall deliver the Products within a reasonable time from the entry into force of the Agreement provided that the Products are available or, if the Products are not available, within a reasonable time after they become available. Even though Nokian agrees to take all commercially reasonable measures to meet the agreed delivery dates, the Buyer acknowledges and agrees that Nokian shall not be liable for its failure to meet the agreed delivery dates.

3.4 If Nokian has outstanding due receivables from the Buyer, Nokian has the right to refrain from delivering the Products until the Buyer has settled the due payments in full. In such an event, the agreed delivery time will be extended correspondingly.

3.5 Nokian shall be entitled to make also partial deliveries.

**4. PRICE AND TERMS OF PAYMENT**

4.1 The prices of the Products have been agreed in the Agreement. Unless otherwise agreed in writing, Nokian's price list in force at the time of entry into force of the Agreement shall be applied. Prices do not include any value added or similar taxes, which shall be added to all prices according to the laws and regulations in force at the time of the delivery. All Products shall be invoiced and payments made in Euro currency (EUR).

4.2 When the amount of or basis for taxes or other public payments changes before the delivery of the Products, either due to regulation change or change in the practice, Nokian has the right to adjust the prices of the Products correspondingly.

4.3 Unless otherwise agreed in writing, the Products will be invoiced after the date of delivery. Payment shall be due within thirty (30) days of the date of the invoice. The Buyer is obliged to pay eleven and a half (11.5) percent of annual interest on overdue payments beginning from the due date.

**5. TRANSFER OF RISK AND TITLE**

5.1 Products delivered shall remain, to the extent permitted by applicable law, the property of Nokian until the Buyer has paid the price of the Products and the value added or similar taxes related to the respective Products. The Buyer shall give Nokian all necessary assistance in taking any measures to protect Nokian's title to the Products.

5.2 Until the title to the Products passes to the Buyer in accordance with Section 5.1 above, the Buyer shall store the

# GENERAL TERMS OF DELIVERY

Products at no costs to Nokian separately from all other products in its possession and mark the Products so that they are clearly identified as Nokian's property.

5.3 Notwithstanding the fact that the Products remain the property of Nokian, the Buyer may sell or use the Products in the ordinary course of the Buyer's business at full market value for the account of Nokian. Any such sale or use shall be a sale or use of Nokian's property by the Buyer and the Buyer shall act as the principal when making such sales or dealings. Until the title to the Products passes from Nokian to the Buyer, the entire proceeds from the sale or other dealings of the Products shall be held in trust for Nokian and shall not be mixed with other money or paid into any overdrawn bank account of the Buyer and shall be at all times identified as Nokian's money. Also, until the title to the Products passes from Nokian to the Buyer, the Buyer shall assign its outstanding claims arising from the resale of the Products to Nokian as a security for Nokian's claims.

5.4 Until the title to the Products passes from Nokian to the Buyer, the Buyer shall upon Nokian´s request return the delivered and unsold Products to Nokian. If the Buyer fails to do so, Nokian may enter upon any premises owned or occupied or controlled by the Buyer where the Products are supposed to be situated and repossess the Products. Upon such repossession, the rights of the Buyer under the Agreement with respect to the Products in question shall terminate.

5.5 The Buyer shall not pledge any of the Products which are still owned by Nokian. Without prejudice to any other rights of Nokian, if the Buyer does so, all sums whatsoever owed by the Buyer to Nokian shall become immediately due and payable.

5.6 The Buyer shall insure and keep insured the Products to their full market value against all risks to the reasonable satisfaction of Nokian until the date when the title to the Products passes from Nokian to the Buyer, and shall whenever requested by Nokian produce a copy of the respective insurance policy. Without prejudice to the other rights of Nokian, if the Buyer fails to do so, all sums whatsoever owed by the Buyer to Nokian shall become immediately due and payable.

5.7 Notwithstanding the fact that the title to the Products shall remain with Nokian in accordance with the above provisions, the risk of damage or loss of the Products shall pass to the Buyer at the following times: (a) in the case the Products are to be delivered at Nokian´s premises, at the time when Nokian notifies the Buyer that the Products are available for collection; or (b) in the case the Products are to be delivered otherwise than at Nokian´s premises, at the time determined in the applicable delivery term.

**6. WARRANTIES AND LIABILITY**

6.1 Nokian´s warranty terms concerning the Products are set out in Nokian´s limited warranty terms valid at the time of the delivery. EXCEPT AS SET FORTH IN SUCH WARRANTY TERMS, THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the maximum extent permitted by the applicable law, Nokian shall have no other obligations or liabilities with respect to any possible defect or deficiency in the Products delivered hereunder than as set forth in the above-mentioned warranty terms.

6.3 Under no circumstances shall Nokian´s liability under this Agreement exceed the invoice price of any Products with respect to which the warranty claim is made.

6.4 Under no circumstances shall Nokian be liable under this Agreement for any indirect or consequential damage or loss, including without limitation any increased costs or expenses, or loss of profit, business, contracts, revenues or anticipated savings.

6.5 When Nokian has expressly agreed with the Buyer on the return of any of the delivered Products to Nokian, the Buyer assumes full responsibility for ensuring that the Products are placed in Nokian's possession. Nokian shall not accept any liability for any loss of any Products in transit.

**7. SPECIFICATIONS AND INTELLECTUAL PROPERTY RIGHTS**

7.1 The weights, dimensions, capacities, prices, performance ratings and other data included in catalogues, prospectuses, circulars, advertisements and price lists and other similar information regarding the Products, as expressed in Nokian´s general product information, constitute an approximate guide. This data shall not be binding on Nokian, save to the extent that it is by reference expressly included in the Agreement.

7.2 No right or license is granted under the Agreement to the Buyer under any patent, trademark, copyright, registered design or other Intellectual Property Rights, except for the right to use or resell the Products.

7.3 All Products sold in retail packaging may be resold by the Buyer only in the packaging supplied by Nokian and in no

# GENERAL TERMS OF DELIVERY

case may any trademark other than those applied by Nokian be marked on or applied in relation to the Products.

**8. CONFIDENTIALITY**

8.1 The Buyer undertakes to keep confidential all terms and conditions of the Agreement and its appendices, as well as all information given on Nokian's or its business partners' operations, products and services and any information regarded as trade secrets of Nokian. The Buyer shall not (and shall secure that its directors, agents and employees shall not) be entitled at any time without prior written consent of Nokian to disclose Nokian's confidential information to any third party or to use it whether directly or indirectly for other purposes than in accordance with the Agreement. The obligation of confidentiality shall survive the termination of the Agreement and remain in force for five (5) years thereafter.

8.2 The Section 8.1 shall not apply to any information which (i) the receiving Party can prove to have been in its possession at the date of receipt or (ii) which is or becomes public knowledge otherwise than through a breach of an obligation of confidentiality.

**9. EXPORT/IMPORT CONTROLS**

9.1 The Buyer agrees to comply with all applicable export and import laws, regulations, orders, licenses and approvals. The Buyer acknowledges its responsibility to obtain any license or approval to export, re-export or import the Products as may be required.

9.2 Nokian retains the right to cancel or delay delivery of any Product at any time, or amend the terms thereof, without penalty or liability of any nature, as required with respect to any export or import license or approval until such license or approval is granted.

**10. TERMINATION**

10.1 The Agreement may be terminated with immediate effect by the non-defaulting Party with a written notice to the other Party in the event that (a) the other Party commits a material breach of the Agreement and fails to remedy such breach (if capable of being remedied) within thirty (30) days after having been notified thereof in writing; or (b) the other Party commits an act of bankruptcy, is placed in liquidation or becomes otherwise incapable of fulfilling its financial obligations under the Agreement, or should it become apparent that any of the above occurrences shall take place.

10.2 Furthermore, the Agreement may be terminated with immediate effect with a written notice by Nokian to the Buyer in the event that (a) there is a direct or indirect change of ownership or control or other substantial change in the management, staff or the business operations of the Buyer which may adversely affect achieving the purpose of the Agreement; or (b) the Buyer enters into an agreement with a third party or engages itself in any activity which prejudices the confidentiality of Nokian's confidential material or information.

10.3 Upon termination of the Agreement due to the Buyer's breach, Nokian shall have the right to do one or more of the following: (a) revoke any express or implied authority to sell, resell, use or consume any Products whose title has not passed to the Buyer and re-sell such Products; (b) suspend any deliveries to be made under any agreement with the Buyer; and/or (c) make claim against the Buyer for the price of the unpaid Products and/or damages.

**11. OTHER TERMS**

11.1 In case of conflict, the Agreement shall take precedence over these General Terms of Delivery, and these General Terms of Delivery shall take precedence over any other appendices of the Agreement.

11.2 Neither Party shall be liable to the other Party for any delay or non-performance of its obligations under the Agreement in the event and to the extent that such delay or non-performance is due to an event of force majeure.

11.3 The Agreement and these General Terms of Delivery shall be construed and enforced in accordance with the laws of Finland, excluding its choice of law provisions and Convention on Contracts for the International Sale of Goods (CISG). Any dispute, controversy or claim arising out of or relating to the Agreement, or the breach, termination or validity thereof, shall be finally settled in arbitration by one (1) arbitrator in accordance with the Arbitration Rules of the Central Chamber of Commerce of Finland. The arbitration shall be conducted in Helsinki.



# TRUCK AND BUS TIRES

Nokian truck and bus tires are designed for demanding professional use in varying conditions with the aim of ensuring safe driving in all weather and road conditions. In our own test centres in Ivalo, Lapland, and in Nokia we test extreme driving situations in all seasons. Further development of the tires involves millions of kilometres of driving in different environments and in all kinds of weather conditions.

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# NOKIAN HAKKAPELIITTA TRUCK F2




M+S

## Developed from Hakkapeliitta Truck F, the new Hakkapeliitta Truck F2 brings winter properties to a new level

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response. Increased load capacities in 315/70R22.5 and 295/80R22.5 sizes. Replaces HKPL Truck F.

Outstanding lateral grip in snowy and icy conditions by improved Spiral-Siping system and open pattern.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

Can also be used in trailer when extra grip is needed.

## Sizes

- Nokian Hakkapeliitta Truck F2 295/80R22.5 – T675041
- Nokian Hakkapeliitta Truck F2 315/70R22.5 – T675040
- Nokian Hakkapeliitta Truck F2 315/80R22.5 – T675039
- Nokian Hakkapeliitta Truck F2 385/55R22.5 – T675236
- Nokian Hakkapeliitta Truck F2 385/65R22.5 – T675038
- Nokian Hakkapeliitta Truck F2 385/65R22.5 XL in Q1/2019

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta Truck F2 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675041 | 295/80R22.5 | HKPL TRUCK F2 | 154/149M | - | **9.00**, 8.25 | 16.0 | 1 054 | 297 | 491 | 3 203 | 312 | 502 | 335 | D | B | 71 | 1 | M+S | 3PMSF |
| T675040 | 315/70R22.5 | HKPL TRUCK F2 | 156/150L | 154/150M | **9.00**, 9.75 | 15.5 | 1 021 | 312 | 471 | 3 103 | 322 | 519 | 351 | D | C | 71 | 1 | M+S | 3PMSF |
| T675039 | 315/80R22.5 | HKPL TRUCK F2 | 156/150L | 154/150M | **9.00**, 9.75 | 16.0 | 1 078 | 312 | 501 | 3 277 | 305 | 491 | 351 | D | B | 73 | 2 | M+S | 3PMSF |
| T675236 | 385/55R22.5 | HKPL TRUCK F2 | 160K | 158L | **11.75**, 12.25 | 15.5 | 996 | 386 | 464 | 3 027 | 330 | 532 | - | D | C | 74 | 2 | M+S | 3PMSF |
| T675038 | 385/65R22.5 | HKPL TRUCK F2 | 160K | 158L | **11.75**, 12.25 | 16.0 | 1 086 | 376 | 502 | 3 301 | 303 | 488 | - | D | A | 73 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 890 | 6 090 | 6 290 | 6 490 | 6 690 | 6 900 | 7 100 | 7 300 | 7 500 | | |
| | Dual | M | 130 | 10 200 | 10 550 | 10 900 | 11 250 | 11 600 | 11 950 | 12 300 | 12 650 | 13 000 | | |
| 315/70R22.5 | Single | L | 120 | 5 960 | 6 160 | 6 370 | 6 570 | 6 780 | 6 980 | 7 180 | 7 390 | 7 590 | 7 800 | 8 000 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | M | 130 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| 315/80R22.5 | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/55R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA TRUCK F




M+S

## A reliable winter steer axle tire for medium and long-haul usage

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response.

Outstanding lateral grip in snowy and icy conditions by dense Spiral-Siping system and open pattern.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

Can also be used in trailer when extra grip is needed.

## Sizes

- Nokian Hakkapeliitta Truck F 295/80R22.5 - T675020
- Nokian Hakkapeliitta Truck F 315/70R22.5 – T675022
- Nokian Hakkapeliitta Truck F 315/80R22.5 – T675021
- Nokian Hakkapeliitta Truck F 385/65R22.5 – T675023
- Nokian Hakkapeliitta Truck F 385/55R22.5 – T675037

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta Truck F – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675020 | 295/80R22.5 | HKPL TRUCK F | 152/148M | - | **9.00**, 8.25 | 16.5 | 1 049 | 299 | 489 | 3 189 | 314 | 505 | 335 | D | C | 74 | 2 | M+S | 3PMSF |
| T675022 | 315/70R22.5 | HKPL TRUCK F | 152/148M | 154/150L | **9.00**, 9.25 | 15.5 | 1 024 | 314 | 472 | 3 109 | 322 | 518 | 351 | D | B | 74 | 2 | M+S | 3PMSF |
| T675021 | 315/80R22.5 | HKPL TRUCK F | 154/150M | 156/150L | **9.00**, 9.75 | 16.5 | 1 081 | 314 | 503 | 3 292 | 304 | 489 | 351 | D | C | 73 | 2 | M+S | 3PMSF |
| T675023 | 385/65R22.5 | HKPL TRUCK F | 158L | 160K | **11.75**, 12.25 | 16.5 | 1 088 | 375 | 504 | 3 313 | 302 | 486 | - | D | C | 74 | 2 | M+S | 3PMSF |
| T675037 | 385/55R22.5 | HKPL TRUCK F | 160K | 158L | **11.75**, 12.25 | 16.5 | 1 004 | 384 | 467 | 3 052 | 328 | 527 | - | D | B | 71 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |
| 385/55R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA CITY BUS




## A reliable City Bus tire for steer and drive axle use

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response. Reinforced sidewalls with wear indicators.

Outstanding grip in snowy and icy conditions by dense Spiral-Siping system and deep tread.

Even wear shape because of the pattern design.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in urban conditions and on secondary roads.

Can also be used in trailer when extra grip is needed.

## Sizes

- Nokian Hakkapeliitta City Bus 275/70R22.5 – T675218
- Nokian Hakkapeliitta City Bus 295/80R22.5 – T675240

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta City Bus – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675218 | 275/70R22.5 | HKPL CITY BUS | 150/145J | 152/148E | **8.25**, 7.50 | 20.5 | 969 | 275 | 455 | 2 945 | 340 | 546 | 311 | D | B | 72 | 1 | M+S | 3PMSF |
| T675240 | 295/80R22.5 | HKPL CITY BUS | 152/148J | 154/150E | **9.00**, 8.25 | 17.0 | 1 044 | 298 | 491 | 3 204 | 312 | 502 | 335 | D | B | 75 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 275/70R22.5 | Single | J | 100 | 4 990 | 5 160 | 5 330 | 5 500 | 5 670 | 5 840 | 6 020 | 6 190 | 6 360 | 6 530 | 6 700 |
| | Dual | J | 100 | 8 640 | 8 940 | 9 230 | 9 530 | 9 830 | 10 120 | 10 420 | 10 710 | 11 010 | 11 310 | 11 600 |
| | Single | E | 70 | 5 290 | 5 470 | 5 650 | 5 830 | 6 010 | 6 190 | 6 370 | 6 560 | 6 740 | 6 920 | 7 100 |
| | Dual | E | 70 | 9 380 | 9 710 | 10 030 | 10 350 | 10 670 | 10 990 | 11 310 | 11 630 | 11 960 | 12 280 | 12 600 |
| 295/80R22.5 | Single | J | 100 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | J | 100 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| | Single | E | 70 | 5 890 | 6 090 | 6 290 | 6 490 | 6 690 | 6 900 | 7 100 | 7 300 | 7 500 | | |
| | Dual | E | 70 | 10 520 | 10 880 | 11 240 | 11 600 | 11 960 | 12 320 | 12 680 | 13 040 | 13 400 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKA TRUCK STEER




## Reliable weatherproof steer axle tire for use in medium and long haul applications

Tire offers good grip on main road use because of new kind of pattern design with wide tread and open grooves. Increased load capacities in 315/70R22.5 and 295/80R22.5 sizes. Replaces Hakka Truck 861.

Tread pattern is designed also for low rolling resistance and noise level. Protection against stone trapping. Tread design and compound provide good mileage with even wear pattern.

### APPLICATIONS

Main road usage in trucks and coaches where good mileage from tires is needed.

## Sizes

- Nokian Hakka Truck Steer 295/80R22.5 – T675221
- Nokian Hakka Truck Steer 315/70R22.5 – T675220
- Nokian Hakka Truck Steer 315/80R22.5 – T675214
- Nokian Hakka Truck Steer 385/65R22.5 – T675222
- Nokian Hakka Truck Steer 385/55R22.5 in Q1/2019

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakka Truck Steer – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675221 | 295/80R22.5 | HAKKA TRUCK STEER | 154/149M | - | **9.00**, 8.25 | 15.5 | 1 047 | 298 | 488 | 3 182 | 314 | 506 | 335 | D | A | 70 | 1 | M+S | 3PMSF |
| T675220 | 315/70R22.5 | HAKKA TRUCK STEER | 156/150L | 154/150M | **9.00**, 9.25 | 14.0 | 1 021 | 312 | 471 | 3 103 | 322 | 519 | 351 | C | B | 70 | 1 | M+S | 3PMSF |
| T675214 | 315/80R22.5 | HAKKA TRUCK STEER | 156/150L | 154/150M | **9.00**, 9.75 | 15.5 | 1 079 | 314 | 501 | 3 280 | 305 | 491 | 351 | D | A | 70 | 1 | M+S | 3PMSF |
| T675222 | 385/65R22.5 | HAKKA TRUCK STEER | 160K | 158L | **11.75**, 12.25 | 15.5 | 1 083 | 376 | 501 | 3 292 | 304 | 489 | - | C | B | 70 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 960 | 6 160 | 6 370 | 6 570 | 6 780 | 6 980 | 7 180 | 7 390 | 7 590 | 7 800 | 8 000 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | M | 130 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| 315/80R22.5 | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKA TRUCK 861 / 861 WS




M+S

## Reliable weatherproof steer axle tire for use in medium and long haul applications

Tire offers good grip on main road use because of Spiral-Siping system. Tread pattern is designed also for low rolling resistance and noise level.

Tread design and compound provide good mileage with even wear pattern.

### APPLICATIONS

Main road usage in trucks and coaches where good mileage from tires is needed

385/65R22.5 size can also be used on trailers.

## Sizes

- Nokian Hakka Truck 861 295/80R22.5 – T675025
- Nokian Hakka Truck 861 315/70R22.5 – T675024
- Nokian Hakka Truck 861 315/80R22.5 – T675026
- Nokian Hakka Truck 861 WS 385/65R22.5 – T675027

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakka Truck 861 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675025 | 295/80R22.5 | HAKKA TRUCK 861 | 152/148M | - | **9.00**, 8.25 | 15.5 | 1 050 | 300 | 488 | 3 185 | 314 | 505 | 335 | D | B | 69 | 1 | M+S | 3PMSF |
| T675024 | 315/70R22.5 | HAKKA TRUCK 861 | 152/148M | 154/150L | **9.00**, 9.25 | 15.0 | 1 025 | 314 | 472 | 3 109 | 322 | 518 | 351 | D | B | 72 | 2 | M+S | 3PMSF |
| T675026 | 315/80R22.5 | HAKKA TRUCK 861 | 154/150M | 156/150L | **9.00**, 9.75 | 15.5 | 1 079 | 313 | 502 | 3 281 | 305 | 491 | 351 | D | C | 69 | 1 | M+S | 3PMSF |
| T675027 | 385/65R22.5 | HAKKA TRUCK 861 | 158L | 160K | **11.75**, 12.25 | 15.0 | 1 084 | 377 | 501 | 3 293 | 304 | 489 | - | C | D | 71 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKA TRUCK 844 / 844+ / 844 WS




M+S

## Reliable weatherproof steer axle tire for use in medium and long haul applications

Tire offers good grip on main road use because of Spiral-Siping system. Tread pattern is designed also for low rolling resistance and noise level.

265/70R19.5 and 275/70R22.5 sizes now available as Plus versions with better mileage and added stone ejectors.

Tread design and compound provide good mileage with even wear pattern.

### APPLICATIONS

Main road usage in trucks and coaches where good mileage from tires is needed.

Tire can also be used in trailers.

## Sizes

- Nokian Hakka Truck 844 265/70R19.5 – T675028
- Nokian Hakka Truck 844 275/70R22.5 – T675029
- Nokian Hakka Truck 844+ 265/70R19.5 – T675216
- Nokian Hakka Truck 844+ 275/70R22.5 – T657215
- Nokian Hakka Truck 844 WS 385/55R22.5 – T675033

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakka Truck 844 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675028 | 265/70R19.5 | HAKKA TRUCK 844 | 143/141J | - | **7.50**, 6.75, 8.25 | 14.0 | 872 | 251 | 403 | 2 650 | 377 | 607 | 295 | C | C | 72 | 2 | M+S | 3PMSF |
| T675029 | 275/70R22.5 | HAKKA TRUCK 844 | 148/145L | - | **8.25**, 7.50 | 14.5 | 964 | 272 | 448 | 2 930 | 341 | 549 | 311 | C | C | 71 | 1 | M+S | 3PMSF |
| T675216 | 265/70R19.5 | HAKKA TRUCK 844+ | 143/141J | - | **7.50**, 6.75, 8.25 | 14.0 | 872 | 251 | 403 | 2 650 | 377 | 607 | 295 | D | B | 69 | 1 | M+S | 3PMSF |
| T657215 | 275/70R22.5 | HAKKA TRUCK 844+ | 148/145L | - | **8.25**, 7.50 | 14.5 | 964 | 272 | 448 | 2 930 | 341 | 549 | 311 | C | B | 67 | 1 | M+S | 3PMSF |
| T675033 | 385/55R22.5 | HAKKA TRUCK 844 | 160K | 158L | **11.75**, 12.25 | 15.0 | 1 002 | 384 | 467 | 3 046 | 328 | 528 | - | D | B | 71 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 265/70R19.5 | Single | J | 100 | 4 280 | 4 420 | 4 570 | 4 720 | 4 860 | 5 010 | 5 160 | 5 300 | 5 450 | | |
| | Dual | J | 100 | 8 090 | 8 360 | 8 640 | 8 920 | 9 190 | 9 470 | 9 750 | 10 020 | 10 300 | | |
| 275/70R22.5 | Single | L | 120 | 4 690 | 4 850 | 5 010 | 5 170 | 5 340 | 5 500 | 5 660 | 5 820 | 5 980 | 6 140 | 6 300 |
| | Dual | L | 120 | 8 640 | 8 940 | 9 230 | 9 530 | 9 830 | 10 120 | 10 420 | 10 710 | 11 010 | 11 310 | 11 600 |
| 385/55R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN E-TRUCK STEER




M+S

## Nokian E-Truck Steer is designed for year-round use on steer axles on medium-regional haul trucks and buses

Its good wet grip and strong pattern give you steady, predictable handling.

New type of zigzag-shaped grooves prevent stone trapping. Even wear pattern for good mileage. Spiral Sipe System adds grip on all roads.

### APPLICATIONS

Medium-regional haul for trucks and buses on European Roads.

## Sizes

- Nokian E-Truck Steer 295/80R22.5 – T675226
- Nokian E-Truck Steer 315/70R22.5 – T675223
- Nokian E-Truck Steer 315/80R22.5 – T675219

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian E-Truck Steer – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675226 | 295/80R22.5 | E-TRUCK STEER | 152/148M | - | **9.00**, 8.25 | 13.5 | 1 044 | 298 | 487 | 3 173 | 315 | 507 | 335 | C | B | 70 | 1 | M+S | 3PMSF |
| T675223 | 315/70R22.5 | E-TRUCK STEER | 154/150L | 152/148M | **9.00**, 9.25 | 13.5 | 1 019 | 318 | 473 | 3 097 | 323 | 520 | 351 | C | A | 71 | 2 | M+S | 3PMSF |
| T675219 | 315/80R22.5 | E-TRUCK STEER | 156/150L | 154/150M | **9.00**, 9.75 | 14.5 | 1 071 | 314 | 498 | 3 255 | 307 | 494 | 351 | C | A | 69 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| 315/80R22.5 | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN R-TRUCK STEER




M+S

## Steer axle tyre for trucks operating in rough and tough conditions

Open tread pattern and wide grooves ensure good self-cleaning and grip in changing driving conditions. Stone ejectors in the main grooves prolong operating life especially on rough surfaces.

High quality rubber compound and low heat build-up means that tyre wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road and timber trucks.

## Sizes

- Nokian R-Truck Steer 315/80R22.5 – T675238
- Nokian R-Truck Steer 385/65R22.5 – T675239

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian R-Truck Steer – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675238 | 315/80R22.5 | R-TRUCK STEER | 156/150K | - | **9.00**, 9.75 | 16.0 | 1 082 | 309 | 503 | 3 289 | 304 | 489 | 351 | | | | | M+S | 3PMSF |
| T675239 | 385/65R22.5 | R-TRUCK STEER | 160K | - | **11.75**, 12.25 | 16.0 | 1 086 | 378 | 502 | 3 301 | 303 | 488 | - | | | | | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 315/80R22.5 | Single | K | 110 | 6 450 | 6 670 | 6 890 | 7 120 | 7 340 | 7 560 | 7 780 | 8 000 | | | |
| | Dual | K | 110 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA TRUCK D




## First class winter drive tire for medium and long haul usage in changing conditions

Tire features dense 3D-siping Twin-Block pattern design to achieve superior traction especially on packed snow and icy roads.

Tread design and compound ensure that traction properties remain even when tire is worn.

Marked stud places in 275/70R22.5 size.

### APPLICATIONS

Where traction is needed for safe operation but high mileage tire is needed.

## Sizes

- Nokian Hakkapeliitta Truck D 275/70R22.5 – T675233
- Nokian Hakkapeliitta Truck D 295/80R22.5 – T675031
- Nokian Hakkapeliitta Truck D 315/70R22.5 – T675032
- Nokian Hakkapeliitta Truck D 315/80R22.5 – T675030

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta Truck D – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675233 | 275/70R22.5 | HKPL TRUCK D | 148/145M | - | **8.25**, 7.50 | 16.5 | 958 | 276 | 445 | 2 912 | 343 | 553 | 311 | D | B | 75 | 2 | M+S | 3PMSF |
| T675031 | 295/80R22.5 | HKPL TRUCK D | 152/148M | - | **9.00**, 8.25 | 20.0 | 1 063 | 296 | 495 | 3 231 | 310 | 498 | 335 | E | C | 74 | 2 | M+S | 3PMSF |
| T675032 | 315/70R22.5 | HKPL TRUCK D | 152/148M | 154/150L | **9.00**, 9.25 | 19.5 | 1 032 | 314 | 476 | 3 137 | 319 | 513 | 351 | E | C | 73 | 1 | M+S | 3PMSF |
| T675030 | 315/80R22.5 | HKPL TRUCK D | 154/150M | 156/150L | **9.00**, 9.75 | 20.0 | 1 087 | 312 | 504 | 3 304 | 303 | 487 | 351 | E | D | 76 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 275/70R22.5 | Single | M | 130 | 4 690 | 4 850 | 5 010 | 5 170 | 5 340 | 5 500 | 5 660 | 5 820 | 5 980 | 6 140 | 6 300 |
| | Dual | M | 130 | 8 640 | 8 940 | 9 230 | 9 530 | 9 830 | 10 120 | 10 420 | 10 710 | 11 010 | 11 310 | 11 600 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA TRUCK E




M+S

## First class winter drive tire for heavy duty vehicles operating in demanding conditions

Superior traction and good self-cleaning in snowy conditions because of open and aggressive tread pattern design.

Stable driving response due to directional tread pattern. Tire also offers excellent wear resistance.

### APPLICATIONS

Where the maximum traction is needed for driving safety. Operations in snowy and icy conditions.

## Sizes

- Nokian Hakkapeliitta Truck E 295/80R22.5 – T675017
- Nokian Hakkapeliitta Truck E 315/70R22.5 – T675019
- Nokian Hakkapeliitta Truck E 315/80R22.5 – T675018

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta Truck E – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675017 | 295/80R22.5 | HKPL TRUCK E | 152/148M | - | **9.00**, 8.25 | 20.0 | 1 064 | 296 | 495 | 3 231 | 310 | 498 | 335 | E | D | 73 | 1 | M+S | 3PMSF |
| T675019 | 315/70R22.5 | HKPL TRUCK E | 152/148M | 154/150L | **9.00**, 9.25 | 19.5 | 1 031 | 314 | 476 | 3 133 | 319 | 514 | 351 | E | D | 76 | 2 | M+S | 3PMSF |
| T675018 | 315/80R22.5 | HKPL TRUCK E | 154/150M | 156/150L | **9.00**, 9.75 | 20.0 | 1 086 | 312 | 503 | 3 304 | 303 | 487 | 351 | E | C | 74 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA CITY BUS




M+S

## A reliable City Bus tire for steer and drive axle use

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response. Reinforced sidewalls with wear indicators.

Outstanding grip in snowy and icy conditions by dense Spiral-Siping system and deep tread.

Even wear shape because of the pattern design.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in urban conditions and on secondary roads.

Can also be used in trailer when extra grip is needed.

## Sizes

More information on the sizes is available on **page 380**.

- Nokian Hakkapeliitta City Bus 275/70R22.5 – T675218
- Nokian Hakkapeliitta City Bus 295/80R22.5 – T675240

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN HAKKA TRUCK DRIVE




M+S

## Weatherproof drive axle tire offering reliable traction and mileage as well as comfort

Open V-shaped tread pattern offers good self cleaning properties while semi-open shoulders provide stability.

Efficient siping design ensure good grip in braking and acceleration for the whole life of the tire.

The tread pattern and compound has been optimized for good mileage and comfort.

### APPLICATIONS

Long haul operations where conditions can change suddenly. Tire for all year round use in trucks and coaches.

## Sizes

- Nokian Hakka Truck Drive 295/80R22.5T – 675034
- Nokian Hakka Truck Drive 315/70R22.5 – T675036
- Nokian Hakka Truck Drive 315/80R22.5 – T675035

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakka Truck Drive – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675034 | 295/80R22.5 | HAKKA TRUCK DRIVE | 152/148M | - | **9.00**, 8.25 | 18.5 | 1 060 | 296 | 488 | 3 222 | 310 | 499 | 335 | E | C | 75 | 2 | M+S | 3PMSF |
| T675036 | 315/70R22.5 | HAKKA TRUCK DRIVE | 152/148M | 154/150L | **9.00**, 9.25 | 18.0 | 1 029 | 314 | 474 | 3 128 | 320 | 514 | 351 | D | C | 75 | 2 | M+S | 3PMSF |
| T675035 | 315/80R22.5 | HAKKA TRUCK DRIVE | 154/150M | 156/150L | **9.00**, 9.75 | 18.5 | 1 085 | 312 | 504 | 3 298 | 303 | 488 | 351 | D | C | 74 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA TRUCK T




## For controlled drive on snow and ice

Complementing the Hakkapeliitta Truck series, Nokian Hakkapeliitta Truck T is our new top of-the-line trailer tire for demanding winter conditions.

Replacing the classic NTR-827, it features all-new design with open pattern and effective trapeze-shaped siping for good grip even when worn. Fitted in autumn, Nokian Hakkapeliitta Truck T is suitable for all-season use.

Marked stud places on shoulders.

### APPLICATIONS

Delivery vehicles operating in urban areas.

## Sizes

- Nokian Hakkapeliitta Truck T 265/70R19.5 – T675232

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian Hakkapeliitta Truck T – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675232 | 265/70R19.5 | HKPL TRUCK T | 143/141J | - | **7.50**, 6.75, 8.25 | 14.5 | 867 | 262 | 406 | 2 635 | 380 | 611 | 295 | D | C | 72 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 265/70R19.5 | Single | J | 100 | 4 280 | 4 420 | 4 570 | 4 720 | 4 860 | 5 010 | 5 160 | 5 300 | 5 450 | | |
| | Dual | J | 100 | 8 090 | 8 360 | 8 640 | 8 920 | 9 190 | 9 470 | 9 750 | 10 020 | 10 300 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR-827




M+S

## A winter drive axle tire for delivery trucks demanding maximum traction

Tire has an open tread pattern design enabling good grip and self cleaning in snowy conditions.

Tread pattern and compound used in this tire offer safety and stability needed in difficult winter weather.

### APPLICATIONS

Delivery vehicles operating in urban areas.

Tire is also suitable for trailer use.

## Sizes

- Nokian NTR-827 265/70R19.5 – T675000

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR-827 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675000 | 265/70R19.5 | NTR-827 | 143/141J | - | **7.50**, 6.75, 8.25 | 14.5 | 872 | 254 | 403 | 2 649 | 378 | 608 | 295 | D | C | 74 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 265/70R19.5 | Single | J | 100 | 4 280 | 4 420 | 4 570 | 4 720 | 4 860 | 5 010 | 5 160 | 5 300 | 5 450 | | |
| | Dual | J | 100 | 8 090 | 8 360 | 8 640 | 8 920 | 9 190 | 9 470 | 9 750 | 10 020 | 10 300 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR-831




## A sturdy an durable winter drive axle tire for heaviest usage conditions

Tire features robust Twin-Block pattern design to achieve superior traction and driving stability.

Tread pattern design and compound selection ensure that tire remains it's properties even when worn.

### APPLICATIONS

Heavy highway use where traction is essential for safe operation.

## Sizes

- Nokian NTR-831 295/80R22.5 – T675001
- Nokian NTR-831 315/80R22.5 – T675005

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR-831 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Overall diameter | Tread depth | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675001 | 295/80R22.5 | NTR-831 | 152/148M | - | **9.00**, 8.25 | 1 063 | 20.0 | 295 | 495 | 3 231 | 310 | 498 | 335 | D | D | 76 | 2 | M+S | 3PMSF |
| T675005 | 315/80R22.5 | NTR-831 | 154/150M | 156/150L | **9.00**, 9.75 | 1 087 | 20.0 | 313 | 505 | 3 304 | 303 | 487 | 351 | D | D | 76 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN E-TRUCK DRIVE




M+S

## Nokian E-Truck Drive is an all-season drive axle tire designed for medium-regional haul operations

It offers good grip and economical kilometers on different kinds of roads and weather conditions.

Effective block pattern and open center tread design ensure good traction. Even wear pattern for long, trouble-free life. Low rolling resistance and tire noise for fuel economy and comfort.

### APPLICATIONS

Medium-regional haul for trucks and buses on European Roads.

## Sizes

- Nokian E-Truck Drive 295/80R22.5 – T675225
- Nokian E-Truck Drive 315/70R22.5 – T675224
- Nokian E-Truck Drive 315/80R22.5 – T675213

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian E-Truck Drive – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675225 | 295/80R22.5 | E-TRUCK DRIVE | 152/148M | - | **9.00**, 8.25 | 17.5 | 1 044 | 298 | 491 | 3 204 | 312 | 502 | 335 | D | B | 75 | 2 | M+S | 3PMSF |
| T675224 | 315/70R22.5 | E-TRUCK DRIVE | 154/150L | 152/148M | **9.00**, 9.25 | 17.5 | 1 027 | 314 | 474 | 3 122 | 320 | 515 | 351 | D | B | 73 | 1 | M+S | 3PMSF |
| T675213 | 315/80R22.5 | E-TRUCK DRIVE | 154/150M | 156/150L | **9.00**, 9.75 | 17.5 | 1 081 | 314 | 502 | 3 286 | 304 | 490 | 351 | D | B | 76 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | M | 130 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| | Single | L | 120 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| 315/80R22.5 | Single | M | 130 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | L | 120 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN R-TRUCK DRIVE




## Drive axle tyre for trucks operating in rough and tough conditions

Open tread pattern ensure good self-cleaning and grip in changing driving conditions. Large blocks on tread offer durability and reduce chipping and tearing in challenging environments.

Symmetrical tread pattern is designed to perform equally well regardless of the tires' rotational direction.

Special rubber compound and low heat build-up means that tyre wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road and timber trucks.

## Sizes

- Nokian R-Truck Drive 315/80R22.5 – T675235

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian R-Truck Drive – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675235 | 315/80R22.5 | R-TRUCK DRIVE | 156/150K | - | **9.00**, 9.75 | 21.5 | 1 076 | 312 | 500 | 3 271 | 306 | 492 | 351 | | | | | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 315/80R22.5 | Single | K | 110 | 6 450 | 6 670 | 6 890 | 7 120 | 7 340 | 7 560 | 7 780 | 8 000 | | | |
| | Dual | K | 110 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN HAKKAPELIITTA TRUCK F2




M+S

## Developed from Hakkapeliitta Truck F, the new Hakkapeliitta Truck F2 brings winter properties to a new level

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response. Replaces HKPL Truck F.

Outstanding lateral grip in snowy and icy conditions by improved Spiral-Siping system and open pattern.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

## Sizes

More information on the sizes is available on **page 376**.

- Nokian Hakkapeliitta Truck F2 385/55R22.5 – T675236
- Nokian Hakkapeliitta Truck F2 385/65R22.5 – T675038
- Nokian Hakkapeliitta Truck F2 385/65R22.5 XL in Q1/2019

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN HAKKAPELIITTA TRUCK F




## A reliable trailer tire for medium and long-haul usage

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response.

Outstanding lateral grip in snowy and icy conditions by dense Spiral-Siping system and open pattern.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

## Sizes

More information on the sizes is available on **page 378**.

- Nokian Hakkapeliitta Truck F 385/65R22.5 – T675023
- Nokian Hakkapeliitta Truck F 385/55R22.5 – T675037

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN HAKKAPELIITTA TRUCK T




## For controlled trailer handling on snow and ice

Complementing the Hakkapeliitta Truck series, Nokian Hakkapeliitta Truck T is our new top of-the-line trailer tire for demanding winter conditions.

Replacing the classic NTR-827, it features all-new design with open pattern and effective trapeze-shaped siping for good grip even when worn. Fitted in autumn, Nokian Hakkapeliitta Truck T is suitable for all-season use.

Marked stud places on shoulders.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

## Sizes

More information on the sizes is available on **page 399**.

- Nokian Hakkapeliitta Truck T 265/70R19.5 – T675232

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN NTR-827




## A reliable trailer tire for medium and long-haul usage

Efficient grip, absolute durability and economical driving for extreme conditions. Robust shoulders ensure a precise and stable driving response.

Outstanding lateral grip in snowy and icy conditions by dense siping and open pattern.

### APPLICATIONS

Where maximum grip is needed for safety. Winter time in hilly conditions and on secondary roads.

## Sizes

More information on the sizes is available on **page 401**.

- Nokian NTR-827 265/70R19.5 – T675000

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN HAKKA TRUCK 861 WS




M+S

## Reliable weatherproof trailer tire for use in medium and long haul applications

Tire offers good grip on main road use because of Spiral-Siping system. Tread pattern is designed also for low rolling resistance and noise level.

Tread design and compound provide good mileage with even wear pattern.

### APPLICATIONS

Main road usage on trailers where a good mileage is needed.

## Sizes

More information on the sizes is available on **page 384**.

- Nokian Hakka Truck 861 WS 385/65R22.5 – T675027

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN HAKKA TRUCK 844 / 844+ / 844 WS




## Reliable weatherproof trailer tire for use in medium and long haul applications

Tire offers good grip on main road use because of Spiral-Siping system. Tread pattern is designed also for low rolling resistance and noise level.

265/70R19.5 and 275/70R22.5 sizes now available as Plus versions with better mileage and added stone ejectors.

Tread design and compound provide good mileage with even wear pattern.

### APPLICATIONS

Main road usage in trucks and coaches where good mileage from tires is needed

Tire can also be used in trailers.

## Sizes

More information on the sizes is available on **page 386**.

- Nokian Hakka Truck 844 265/70R19.5 – T675028
- Nokian Hakka Truck 844 275/70R22.5 – T675029
- Nokian Hakka Truck 844+ 265/70R19.5 – T675216
- Nokian Hakka Truck 844+ 275/70R22.5 – T657215
- Nokian Hakka Truck 844 WS 385/55R22.5 – T675033

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN E-TRUCK TRAILER




M+S

## Nokian E-Truck Trailer is an economical choice for demanding year-round trailer use

Its robust shoulders and even wear pattern guarantee good mileage, while the low rolling resistance saves fuel and the environment.

New zigzag-shaped grooves improve stability. Less stone trapping for longer tire life. Good grip on main road use.

### APPLICATIONS

Medium-regional haul transports.

## Sizes

- Nokian E-Truck Trailer 385/65R22.5 – T675217

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian E-Truck Trailer – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675217 | 385/65R22.5 | E-TRUCK TRAILER | 160K | 158L | **11.75**, 12.25 | 15.5 | 1 080 | 378 | 499 | 3 283 | 305 | 490 | - | C | B | 70 | 1 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN R-TRUCK TRAILER




M+S

## Trailer tyre for rough and tough conditions

Open tread pattern ensure good self-cleaning as well as durability in challenging conditions. Tyre offers a good mileage in addition to resistance to damages.

Special rubber compound and low heat build-up means that tyre wears evenly and retains its good properties throughout its lifetime.

Stone ejectors in the main grooves prolong operating life especially on rough surfaces.

### APPLICATIONS

On/off road and timber trailers.

## Sizes

- Nokian R-Truck Trailer 385/65R22.5 – T675234

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian R-Truck Trailer – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675234 | 385/65R22.5 | R-TRUCK TRAILER | 160K | 158L | **11.75**, 12.25 | 15,0 | 1 072 | 389 | 496 | 3 258 | 307 | 494 | - | | | | | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 385/65R22.5 | Single | K | 110 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# AREAS OF USE

| | Winter use | Long distance | Regional | Timber transport | On/Off road | Long distance buses | City buses | 3PMSF M+S markings |
|---|---|---|---|---|---|---|---|---|
| **Steer** | | | | | | | | |
| Hakkapeliitta Truck F/F2 | ❄❄ | ■ | ■ | ▒ | ▒ | ■ | ▒ | 3PMSF, M+S |
| Hakkapeliitta City Bus | ❄❄ | | | | | | ■ | 3PMSF, M+S |
| Hakka Truck Steer | ❄ | ■ | ■ | | | ■ | ▒ | 3PMSF, M+S |
| Hakka Truck 861 | ❄ | ■ | ■ | | | ■ | ▒ | 3PMSF, M+S |
| Hakka Truck 861 WS | ❄ | ■ | ▒ | | | | | 3PMSF, M+S |
| Hakka Truck 844/844+ | ❄ | | ▒ | | | | ▒ | 3PMSF, M+S |
| Hakka Truck 844 WS | ❄ | ■ | ▒ | | | | | 3PMSF, M+S |
| E-Truck Steer | ❄ | ■ | ■ | | | ■ | ▒ | 3PMSF, M+S |
| R-Truck Steer | ❄ | | | ▒ | ■ | | | 3PMSF, M+S |
| **Drive** | | | | | | | | |
| Hakkapeliitta Truck D | ❄❄ | ■ | ▒ | ▒ | | ■ | ▒ | 3PMSF, M+S |
| Hakkapeliitta Truck E | ❄❄ | ▒ | ■ | ■ | ▒ | ▒ | ■ | 3PMSF, M+S |
| NTR-831 | ❄❄ | ■ | ▒ | ▒ | ▒ | ■ | ▒ | 3PMSF, M+S |
| Hakkapeliitta City Bus | ❄❄ | | | | | | ■ | 3PMSF, M+S |
| Hakka Truck Drive | ❄❄ | ■ | ▒ | ▒ | | ■ | ▒ | 3PMSF, M+S |
| Hakkapeliitta Truck T | ❄❄ | | ▒ | ▒ | | | | 3PMSF, M+S |
| NTR-827 | ❄❄ | | ▒ | ▒ | | | | 3PMSF, M+S |
| E-Truck Drive | ❄ | ■ | ■ | ▒ | | ■ | ▒ | 3PMSF, M+S |
| R-Truck Drive | ❄ | | | ▒ | ■ | | | 3PMSF, M+S |
| **Trailer** | | | | | | | | |
| Hakkapeliitta Truck F/F2 | ❄❄ | ▒ | ▒ | | | | | 3PMSF, M+S |
| Hakkapeliitta Truck T | ❄❄ | ▒ | ■ | ■ | | | | 3PMSF, M+S |
| NTR-827 | ❄❄ | ▒ | ■ | ▒ | | | | 3PMSF, M+S |
| Hakka Truck 861 WS | ❄ | ■ | ▒ | | | | | 3PMSF, M+S |
| Hakka Truck 844/844+ | ❄ | ■ | ▒ | ▒ | | | | 3PMSF, M+S |
| Hakka Truck 844 WS | ❄ | ■ | ▒ | | | | | 3PMSF, M+S |
| E-Truck Trailer | ❄ | ■ | ■ | | | | | 3PMSF, M+S |
| R-Truck Trailer | ❄ | ▒ | ▒ | ■ | ■ | | | 3PMSF, M+S |

■ Highly recommended

▒ Recommended

▒ Recommended with reservations [1)]

❄❄ Excellent grip in severe winter conditions

❄ Good grip in normal winter road conditions

[1)] In severe on/off road conditions the recommendended usage is in winter time

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## Trailer tires










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# NOKIAN NTR 32




M+S

## Reliable steer axle tire for all-year round use in urban delivery trucks and city buses

Wide zigzag-shaped grooves on tread pattern offer stability and ensures good handling properties while the wear pattern is even for a long service life. The tire noise is pleasantly low.

A special compound is used for all-year use. Tire has reinforced sidewalls to protect from curb abrasion.

### APPLICATIONS

Delivery trucks and buses in urban environment.

## Sizes

- Nokian NTR 32 275/70R22.5 – T675123

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 32 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675123 | 275/70R22.5 | NOKIAN NTR 32 | 148/145M | - | **8.25**, 7.50 | 14.5 | 957 | 277 | 444 | 2 939 | 340 | 548 | 311 | D | B | 71 | 2 | M+S | - |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 275/70R22.5 | Single | M | 130 | | | | | 4 370 | 4 530 | 4 690 | 4 850 | 5 010 | 5 170 | 5 340 | 5 500 | 5 660 | 5 820 | 5 980 | 6 140 | 6 300 |
| | Dual | M | 130 | | | | | 8 050 | 8 350 | 8 640 | 8 940 | 9 230 | 9 530 | 9 830 | 10 120 | 10 420 | 10 710 | 11 010 | 11 310 | 11 600 |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 32 – 17.5”




M+S

## Reliable steer axle tire for all-year round use in urban delivery trucks

Sturdy four-rib tread pattern offers stability and ensures good handling properties while the wear pattern is even for a long service life. The tire noise is pleasantly low.

A special compound is used for all-year use. Tire has also stone ejectors in main grooves to prevent stone trapping.

### APPLICATIONS

Delivery trucks in urban environment.

## Sizes

- Nokian NTR 32 215/75R17.5 – T675127
- Nokian NTR 32 235/75R17.5 – T675129

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 32 – 17.5” – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675127 | 215/75R17.5 | NOKIAN NTR 32 | 126/124M | - | **6.00**, 6.75 | 12.5 | 780 | 211 | 364 | 2 389 | 419 | 674 | 239 | D | C | 70 | 1 | M+S | - |
| T675129 | 235/75R17.5 | NOKIAN NTR 32 | 132/130M | - | **6.75**, 7.50 | 12.5 | 796 | 234 | 371 | 2 440 | 410 | 660 | 262 | C | C | 70 | 1 | M+S | - |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 215/75R17.5 | Single | M | 130 | 2 530 | 2 640 | 2 750 | 2 860 | 2 960 | 3 070 | 3 180 | 3 290 | 3 400 | | | | | | | | |
| | Dual | M | 130 | 4 760 | 4 960 | 5 170 | 5 370 | 5 580 | 5 780 | 5 990 | 6 190 | 6 400 | | | | | | | | |
| 235/75R17.5 | Single | M | 130 | | | 2 950 | 3 060 | 3 180 | 3 300 | 3 420 | 3 530 | 3 650 | 3 770 | 3 880 | 4 000 | | | | | |
| | Dual | M | 130 | | | 5 600 | 5 820 | 6 040 | 6 270 | 6 490 | 6 710 | 6 930 | 7 150 | 7 380 | 7 600 | | | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 46




M+S

## Steer axle tire for trucks operating in rough and tough conditions

Open tread pattern and wide grooves ensure good self-cleaning and grip in changing driving conditions. Stone ejectors in the main grooves prolong operating life especially on rough surfaces.

High quality rubber compound and low heat build-up means that tire wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road trucks operating in tough and demanding conditions.

## Sizes

- Nokian NTR 46 315/80R22.5 – T675134
- Nokian NTR 46 385/65R22.5 – T675135

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 46 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675134 | 315/80R22.5 | NOKIAN NTR 46 | 156/150K | - | **9.00**, 9.75 | 17.0 | 1 074 | 313 | 497 | 3 336 | 300 | 482 | 351 | C | B | 72 | 2 | M+S | - |
| T675135 | 385/65R22.5 | NOKIAN NTR 46 | 158L | - | **11.75**, 12.25 | 16.5 | 1 072 | 384 | 507 | 3 309 | 302 | 486 | - | C | B | 74 | 3 | M+S | - |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 315/80R22.5 | Single | K | 110 | | | | | 6 010 | 6 230 | 6 450 | 6 670 | 6 890 | 7 120 | 7 340 | 7 560 | 7 780 | 8 000 | | | |
| | Dual | K | 110 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| 385/65R22.5 | Single | K | 110 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 220 | 6 440 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 52




M+S

## Steer axle tire for trucks and coaches – All-year round tire for comfort and safety

A new tire construction and tread pattern ensure reliable operation and improved endurance. Heavily zigzag shaped grooves reduce stone trapping and improve driving stability.

The new tread compound and even wear shape increase the tire mileage. Tire meets the Euro 6 load carrying capacity.

### APPLICATIONS

Medium and regional distance operations on main roads. Suitable for both, trucks and coaches.

## Sizes

- Nokian NTR 52 295/80R22.5 – T675140
- Nokian NTR 52 315/70R22.5 – T675139
- Nokian NTR 52 315/80R22.5 – T675138

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 52 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675140 | 295/80R22.5 | NOKIAN NTR 52 | 152/148M | - | **9.00**, 8.25 | 15.5 | 1 039 | 298 | 482 | 3 165 | 316 | 508 | 335 | D | B | 73 | 2 | M+S | - |
| T675139 | 315/70R22.5 | NOKIAN NTR 52 | 156/150L | 154/148M | **9.00**, 9.75 | 15.5 | 1 014 | 310 | 469 | 3 133 | 319 | 514 | 351 | C | B | 73 | 2 | M+S | - |
| T675138 | 315/80R22.5 | NOKIAN NTR 52 | 156/150L | 154/148M | **9.00**, 9.75 | 15.5 | 1 070 | 310 | 495 | 3 291 | 304 | 489 | 351 | C | B | 73 | 2 | M+S | - |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | | | | | 5 190 | 5 380 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | | | | | 9 210 | 9 550 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | | | | | 5 550 | 5 750 | 5 960 | 6 160 | 6 370 | 6 570 | 6 780 | 6 980 | 7 180 | 7 390 | 7 590 | 7 800 | 8 000 |
| | Dual | L | 120 | | | | | 9 300 | 9 640 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | | | | | 5 200 | 5 390 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | M | 130 | | | | | 9 300 | 9 640 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| 315/80R22.5 | Single | L | 120 | | | | | 5 850 | 6 060 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | | | | | 5 640 | 5 840 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 45 – 17.5”




M+S

## Reliable drive axle tire for all-year round use in urban delivery trucks

Tire has dense block pattern and special rubber compound ensuring good grip all-year round. Tread pattern design also provides driving stability.

A special compound is used for all-year use. Tire has also stone ejectors in main grooves to prevent stone trapping.

### APPLICATIONS

Delivery trucks in urban environment.

## Sizes

- Nokian NTR 45 215/75R17.5 – T675132
- Nokian NTR 45 235/75R17.5 – T675133

“3PMSF”, tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 45 – 17.5” – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675132 | 215/75R17.5 | NOKIAN NTR 45 | 126/124M | - | **6.00**, 6.75 | 14.5 | 775 | 210 | 362 | 2 370 | 422 | 679 | 239 | E | C | 74 | 2 | M+S | 3PMSF |
| T675133 | 235/75R17.5 | NOKIAN NTR 45 | 132/130M | - | **6.75**, 7.50 | 15.0 | 802 | 234 | 372 | 2 432 | 411 | 662 | 262 | D | C | 74 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 215/75R17.5 | Single | M | 130 | 2 530 | 2 640 | 2 750 | 2 860 | 2 960 | 3 070 | 3 180 | 3 290 | 3 400 | | | | | | | | |
| | Dual | M | 130 | 4 760 | 4 960 | 5 170 | 5 370 | 5 580 | 5 780 | 5 990 | 6 190 | 6 400 | | | | | | | | |
| 235/75R17.5 | Single | M | 130 | | | 2 950 | 3 060 | 3 180 | 3 300 | 3 420 | 3 530 | 3 650 | 3 770 | 3 880 | 4 000 | | | | | |
| | Single | M | 130 | | | 5 600 | 5 820 | 6 040 | 6 270 | 6 490 | 6 710 | 6 930 | 7 150 | 7 380 | 7 600 | | | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 45




M+S

## Reliable and sturdy drive axle tire for all-year round use in medium and long haul

Tire has open block pattern and special rubber compound ensuring good grip all-year round. Tread pattern design also provides driving stability.

A special compound is used for all-year use. The sturdy tire offers even wear pattern and good mileage results.

### APPLICATIONS

Medium and regional distance transports on variable road conditions.

## Sizes

- Nokian NTR 45 295/80R22.5 – T675106
- Nokian NTR 45 315/70R22.5 – T675110
- Nokian NTR 45 315/80R22.5 – T675114

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 45 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675106 | 295/80R22.5 | NOKIAN NTR 45 | 152/148M | - | **9.00**, 8.25 | 20.0 | 1 049 | 300 | 487 | 3 169 | 316 | 508 | 335 | D | B | 74 | 2 | M+S | 3PMSF |
| T675110 | 315/70R22.5 | NOKIAN NTR 45 | 154/150L | 152/148M | **9.00**, 9.75 | 19.5 | 1 014 | 312 | 467 | 3 075 | 325 | 523 | 351 | D | B | 74 | 2 | M+S | 3PMSF |
| T675114 | 315/80R22.5 | NOKIAN NTR 45 | 154/150M | 156/150L | **9.00**, 9.75 | 20.0 | 1 080 | 314 | 499 | 3 256 | 307 | 494 | 351 | D | B | 74 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 295/80R22.5 | Single | M | 130 | | | | | 5 190 | 5 380 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | | | | | 9 210 | 9 550 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/70R22.5 | Single | L | 120 | | | | | 5 200 | 5 390 | 5 590 | 5 780 | 5 970 | 6 160 | 6 350 | 6 540 | 6 730 | 6 930 | 7 120 | 7 310 | 7 500 |
| | Dual | L | 120 | | | | | 9 300 | 9 640 | 9 980 | 10 320 | 10 660 | 11 010 | 11 350 | 11 690 | 12 030 | 12 370 | 12 720 | 13 060 | 13 400 |
| | Single | M | 130 | | | | | 5 190 | 5 380 | 5 570 | 5 760 | 5 950 | 6 150 | 6 340 | 6 530 | 6 720 | 6 910 | 7 100 | | |
| | Dual | M | 130 | | | | | 9 210 | 9 550 | 9 890 | 10 230 | 10 570 | 10 910 | 11 240 | 11 580 | 11 920 | 12 260 | 12 600 | | |
| 315/80R22.5 | Single | L | 120 | | | | | 5 850 | 6 060 | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | L | 120 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |
| | Single | M | 130 | | | | | 5 640 | 5 840 | 6 050 | 6 260 | 6 460 | 6 670 | 6 880 | 7 090 | 7 290 | 7 500 | | | |
| | Dual | M | 130 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 68




M+S

## Drive axle tire for trucks operating in rough and tough conditions

Open tread pattern ensure good self-cleaning and grip in changing driving conditions. Large blocks on tread offer durability and reduce chipping and tearing in challenging environments.

Special rubber compound and low heat build-up means that tire wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road trucks operating in tough and demanding conditions.

## Sizes

- Nokian NTR 68 13R22.5 – T675120
- Nokian NTR 68 315/80R22.5 – T675121

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 68 – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675120 | 13R22.5 [1] | NOKIAN NTR 68 | 154/150K | 156/150G | **9.75**, 9.00 | 20.0 | 1 124 | 328 | 524 | 3 433 | 291 | 469 | 360 | NA | NA | NA | NA | M+S | - |
| T675121 | 315/80R22.5 [1] | NOKIAN NTR 68 | 156/150K | - | **9.00**, 9.75 | 20.0 | 1 081 | 312 | 498 | 3 297 | 303 | 488 | 351 | NA | NA | NA | NA | M+S | - |

[1] NTR 68 for Special use. POR = "Professional Off-Road"

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 13R22.5 | Single | G | 90 | | | | | | | 6 280 | 6 490 | 6 710 | 6 920 | 7 140 | 7 350 | 7 570 | 7 780 | 8 000 | | |
| | Dual | G | 90 | | | | | | | 11 110 | 11 500 | 11 880 | 12 260 | 12 640 | 13 020 | 13 400 | | | | |
| | Single | K | 110 | | | | | | | 6 220 | 6 430 | 6 650 | 6 860 | 7 070 | 7 290 | 7 500 | | | | |
| | Dual | K | 110 | | | | | | | 11 110 | 11 500 | 11 880 | 12 260 | 12 640 | 13 020 | 13 400 | | | | |
| 315/80R22.5 | Single | K | 110 | | | | | 6 010 | 6 230 | 6 450 | 6 670 | 6 890 | 7 120 | 7 340 | 7 560 | 7 780 | 8 000 | | | |
| | Dual | K | 110 | | | | | 10 070 | 10 440 | 10 810 | 11 180 | 11 550 | 11 920 | 12 290 | 12 660 | 13 030 | 13 400 | | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 32




M+S

## Reliable trailer tire for all-year round use

Wide zigzag-shaped grooves on tread pattern offer stability and ensures good handling properties while the wear pattern is even for a long service life. The tire noise is pleasantly low.

A special compound is used for all-year use. Tire has reinforced sidewalls to protect from curb abrasion.

### APPLICATIONS

Medium and long distance trailers operating in paved roads.

## Sizes

More information on the sizes is available on **page 421**.

- Nokian NTR 32 275/70R22.5 – T675123

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN NTR 72 – 17.5”




M+S

## A durable trailer tire for all-year round use in paved roads

Sturdy four-rib tread pattern guarantees good lateral stability and even wear pattern for a long service life.

A special compound is used for all-year use. Tire has also stone ejectors in main grooves to prevent stone trapping.

### APPLICATIONS

Low loading trailers and moving platforms operating in paved roads.

## Sizes

More information on the sizes is available on **page 438**.

- Nokian NTR 72 215/75R17.5 – T675128
- Nokian NTR 72 235/75R17.5 – T675130

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN NTR 72




M+S

## An economical trailer tire for all-year round use in paved roads

A wide zigzag grooves on tread pattern ensure good grip and lateral stability. Tread design also offers low rolling resistance and tire noise.

A special compound is used for all-year use. Even wear gives tire a long service life making it economical for the transport operator.

### APPLICATIONS

Medium and regional distance trailers operating in paved roads.

## Sizes

More information on the sizes is available on **page 438**.

- Nokian NTR 72 265/70R19.5 – T675136

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN NTR 72S




M+S

## An economical trailer tire for all-year round use in paved roads

A wide zigzag grooves on tread pattern ensure good grip and lateral stability. Tread design also offers low rolling resistance and tire noise.

A special compound is used for all-year use. Even wear gives tire a long service life making it economical for the transport operator.

### APPLICATIONS

Medium and regional distance trailers operating in paved roads.

## Sizes

- Nokian NTR 72S 385/55R22.5 – T675126
- Nokian NTR 72S 385/65R22.5 – T675116

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 72 / 72S – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675128 | 215/75R17.5 | NOKIAN NTR 72 | 135/133J | - | **6.00**, 6.75 | 12.5 | 780 | 211 | 361 | 2 399 | 417 | 671 | 239 | D | C | 70 | 1 | M+S | - |
| T675130 | 235/75R17.5 | NOKIAN NTR 72 | 143/141J | - | **6.75**, 7.50 | 12.5 | 796 | 235 | 362 | 2 449 | 408 | 657 | 262 | D | C | 70 | 1 | M+S | - |
| T675136 | 265/70R19.5 | NOKIAN NTR 72 | 143/141J | - | **7.50**, 6.75, 8.25 | 14.0 | 866 | 262 | 395 | 2 636 | 379 | 611 | 295 | D | B | 70 | 1 | M+S | - |
| T675126 | 385/55R22.5 | NOKIAN NTR 72S | 160K | 158L | **11.75, 12.25** | 15.0 | 1 001 | 381 | 464 | 3 080 | 325 | 523 | - | C | B | 71 | 2 | M+S | - |
| T675116 | 385/65R22.5 | NOKIAN NTR 72S | 158L | 160K | **11.75**, 12.25 | 15.0 | 1 068 | 386 | 492 | 3 277 | 305 | 491 | - | C | B | 72 | 2 | M+S | - |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 215/75R17.5 | Single | M | 100 | | | | | 3 190 | 3 300 | 3 420 | 3 540 | 3 660 | 3 770 | 3 890 | 4 010 | 4 130 | 4 240 | 4 360 | | |
| | Dual | M | 100 | | | | | 6 020 | 6 250 | 6 470 | 6 690 | 6 910 | 7 130 | 7 350 | 7 570 | 7 800 | 8 020 | 8 240 | | |
| 235/75R17.5 | Single | M | 100 | | | | | 3 880 | 4 020 | 4 170 | 4 310 | 4 450 | 4 590 | 4 740 | 4 880 | 5 020 | 5 160 | 5 310 | 5 450 | |
| | Dual | M | 100 | | | | | 7 330 | 7 600 | 7 870 | 8 140 | 8 410 | 8 680 | 8 950 | 9 220 | 9 490 | 9 760 | 10 030 | 10 300 | |
| 265/70R19.5 | Single | J | 100 | | | | | 3 980 | 4 130 | 4 280 | 4 420 | 4 570 | 4 720 | 4 860 | 5 010 | 5 160 | 5 300 | 5 450 | | |
| | Dual | J | 100 | | | | | 7 530 | 7 810 | 8 090 | 8 360 | 8 640 | 8 920 | 9 190 | 9 470 | 9 750 | 10 020 | 10 300 | | |
| 385/55R22.5 | Single | J | 100 | | | | | 6 250 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | K | 110 | | | | | 6 250 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 210 | 6 440 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |
| 385/65R22.5 | Single | J | 100 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | K | 110 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 220 | 6 440 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 73




M+S

## Trailer tire for trucks operating in rough and tough conditions

Open tread pattern ensure good self-cleaning as well as durability in challenging conditions. Tire offers a good mileage in addition to resistance to damages.

Special rubber compound and low heat build-up means that tire wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road trucks operating in tough and demanding conditions.

## Sizes

More information on the sizes is available on **page 441**.

- Nokian NTR 73 265/70R19.5 – T675137

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.

# NOKIAN NTR 73S




M+S

## Trailer tire for trucks operating in rough and tough conditions

Open tread pattern ensure good self-cleaning as well as durability in challenging conditions. Tire offers a good mileage in addition to resistance to damages.

Special rubber compound and low heat build-up means that tire wears evenly and retains its good properties throughout its lifetime.

### APPLICATIONS

On/off road trucks operating in tough and demanding conditions.

## Sizes

- Nokian NTR 73S 385/65R22.5 – T675124

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 73S – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675137 | 265/70R19.5 | NOKIAN NTR 73 | 143/141J | - | **7.50**, 6.75, 8.25 | 14.0 | 863 | 258 | 399 | 2 635 | 380 | 611 | 295 | D | C | 73 | 2 | M+S | 3PMSF |
| T675124 | 385/65R22.5 | NOKIAN NTR 73S | 158L | 160K | **11.75**, 12.25 | 15.5 | 1 069 | 388 | 494 | 3 279 | 305 | 491 | - | C | B | 73 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 265/70R19.5 | Single | J | 100 | | | | | 3 980 | 4 130 | 4 280 | 4 420 | 4 570 | 4 720 | 4 860 | 5 010 | 5 160 | 5 300 | 5 450 | | |
| | Dual | J | 100 | | | | | 7 530 | 7 810 | 8 090 | 8 360 | 8 640 | 8 920 | 9 190 | 9 470 | 9 750 | 10 020 | 10 300 | | |
| 385/65R22.5 | Single | J | 100 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | K | 110 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 220 | 6 440 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# NOKIAN NTR 74S




M+S

## A sturdy tire for demanding all-year round conditions in medium and regional distance transport

Four zigzag shaped groove tread pattern and sturdy shoulders improve the durability and stability while reducing stone trapping and improve driving comfort.

Tire offers even wear shape for long service life and low rolling resistance for economy.

### APPLICATIONS

Medium and regional distance transports on variable road surfaces.

## Sizes

- Nokian NTR 74S 385/55R22.5 – T675143
- Nokian NTR 74S 385/65R22.5 – T675142

"3PMSF", tire is accepted for severe snow conditions according to ECE 117.02 snow test. These tires have also M+S marking.

M+S Tire is for snow conditions according to ECE 117.02 definition.



# Nokian NTR 74S – all sizes

| Product code | Size | Pattern design | Load Index, Speed Symbol | Additional marking | Approved rims | Tread depth | Overall diameter | Tire width | Static loaded radius | Rolling circumference | Revolutions per km | Revolutions per mile | Minimum dual spacing | RRC class | Wet class | Noise dB | Noise waves | M+S | 3PMSF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | in | mm | mm | mm | mm | mm | | | mm | | | | | | |
| T675143 | 385/55R22.5 | NOKIAN NTR 74S | 160J | - | **11.75, 12.25** | 15.5 | 997 | 369 | 458 | 3 040 | 329 | 529 | - | C | C | 73 | 2 | M+S | 3PMSF |
| T675142 | 385/65R22.5 | NOKIAN NTR 74S | 160J | - | **11.75**, 12.25 | 15.5 | 1 072 | 379 | 497 | 3 270 | 306 | 492 | - | C | C | 73 | 2 | M+S | 3PMSF |

## LOAD CAPACITY VALUES

| Size | Fitting Single/Dual | Speed symbol | Reference speed | Maximum load capacity per axle (kg) at various cold inflation pressures (bar) * | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | km/h | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 |
| 385/55R22.5 | Single | J | 100 | | | | | 6 250 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | K | 110 | | | | | 6 250 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 210 | 6 440 | 6 670 | 6 900 | 7 130 | 7 350 | 7 580 | 7 810 | 8 040 | 8 270 | 8 500 | | |
| 385/65R22.5 | Single | J | 100 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | K | 110 | | | | | 6 240 | 6 470 | 6 700 | 6 930 | 7 160 | 7 390 | 7 620 | 7 850 | 8 080 | 8 310 | 8 540 | 8 770 | 9 000 |
| | Single | L | 120 | | | | | 6 220 | 6 440 | 6 670 | 6 900 | 7 130 | 7 360 | 7 590 | 7 810 | 8 040 | 8 270 | 8 500 | | |

* The above inflation pressures are minimum values. On front axle use it is recommended to use the table values increased with 1.0 bar, but not exceed 9.0 bar pressures.

# AREAS OF USE

| | Winter use | Long distance | Regional | Timber transport | On/Off road | Long distance buses | City buses | 3PMSF M+S markings |
|---|---|---|---|---|---|---|---|---|
| **Steer** | | | | | | | | |
| NTR 32 (17.5”) | * | | ■ | | | | ■ | M+S |
| NTR 32 | * | | | | | | ▒ | M+S |
| NTR 52 | * | ▒ | ■ | ▒ | | ■ | ■ | M+S |
| NTR 46 | * | | | ▒ | ■ | | | M+S |
| **Drive** | | | | | | | | |
| NTR 45 (17.5”) | * | | ■ | | | | ■ | 3PMSF, M+S |
| NTR 45 | * | ▒ | ■ | ▒ | | ■ | ▒ | 3PMSF, M+S |
| NTR 68 | * | | | ▒ | ■ | | | M+S |
| **Trailer** | | | | | | | | |
| NTR 72 (17.5“) | * | ■ | ■ | | | | | M+S |
| NTR 72 | * | ■ | ▒ | | | | | M+S |
| NTR 73 | * | ▒ | ■ | ■ | ■ | | | 3PMSF, M+S |
| NTR 32 | * | | ▒ | ▒ | | | | M+S |
| NTR 52 | * | | | | ▒ | | | M+S |
| NTR 72S | * | ■ | ▒ | | | | | M+S |
| NTR 74S | * | ■ | ■ | | | | | 3PMSF, M+S |
| NTR 73S | * | ▒ | ■ | ▒ | ■ | | | 3PMSF, M+S |

■ Highly recommended ▒ Recommended * Good grip in normal winter road conditions