

PSR Conversion Chart

1) 82(80)70 SERIES ⇔ 65/60 SERIES

| 82 (80) Series | 70 Series | Conversion Size | |
|-------------------|-----------|--|---|
| | | 65 Series | 60 Series |
| | 145/70R12 | 155/65R12 145/65R13 | 165/60R12 155/60R13 |
| 135R12(135/80R12) | 155/70R12 | 155/65R13 | |
| 145R12(145/80R12) | 165/70R12 | 165/65R13 175/65R13 | 175/60R13 185/60R13 |
| 155R12(155/80R12) | 175/70R12 | 175/65R13 | 185/60R13 195/60R13 |
| 135R13(135/80R13) | 155/70R13 | 165/65R13 175/65R13 | 175/60R13 185/60R13 165/60R14 |
| 145R13(145/80R13) | 165/70R13 | 175/65R13 185/65R13 165/65R14 175/65R14 | 185/60R13 195/60R13 175/60R14 185/60R14 |
| 155R13(155/80R13) | 175/70R13 | 185/65R13 195/65R13 175/65R14 185/65R14 | 195/60R13 205/60R13 185/60R14 195/60R14 |
| 165R13(165/80R13) | 185/70R13 | 195/65R13 185/65R14 195/65R14 | 205/60R13 215/60R13 195/60R14 205/60R14 215/60R14 |
| 175R13(175/80R13) | 195/70R13 | 195/65R14 205/65R14 | 215/60R13 225/60R13 215/60R14 |
| 155R14(155/80R14) | 175/70R14 | 185/65R14 195/65R14 185/65R15 | 195/60R14 205/60R14 215/60R14 185/60R15 195/60R15 |
| 165R14(165/80R14) | 185/70R14 | 195/65R14 205/65R14 185/65R15 195/65R15 | 205/60R14 215/60R14 195/60R15 205/60R15 |
| 175R14(175/80R14) | 195/70R14 | 205/65R14 195/65R15 205/65R15 | 215/60R14 225/60R14 205/60R15 215/60R15 |
| 185R14(185/80R14) | 205/70R14 | 215/65R14 205/65R15 215/65R15 | 225/60R14 215/60R15 |
| | 195/70R15 | 205/65R15 215/65R15 | |
| | 205/70R15 | 215/65R15 | |

2) 65 SERIES ⇔ 65/55/50 SERIES

| 65 Series | Conversion Size | | |
|-----------|------------------------|-------------------------------------|-------------------------------------|
| | 60 Series | 55 Series | 50 Series |
| 165/65R14 | 175/60R14 185/60R14 | 185/55R14 195/55R14 | 195/50R15 205/50R15 |
| 175/65R14 | 185/60R14 195/60R14 | 195/55R14 185/55R15 195/55R15 | 195/50R15 205/50R15 215/50R15 |
| 185/65R14 | 195/60R14 205/60R14 | 205/55R15 | 205/50R15 215/50R15 |
| 195/65R14 | 215/60R14 | 215/55R15 | 215/50R15 225/50R15 |
| 215/65R14 | 225/60R14 215/60R15 | | |
| 185/65R15 | 195/60R15 205/60R15 | 205/55R15 215/55R15 205/55R16 | 205/50R16 225/50R16 |
| 195/65R15 | 205/60R15 215/60R15 | 215/55R15 215/55R16 | 225/50R15 215/50R16 225/50R16 |
| 205/65R15 | | 225/55R16 | 245/50R16 |

3) 60 SERIES ⇔ 55/50 SERIES

| 60 Series | Conversion Size | |
|-----------|-------------------------------------|-------------------------------------|
| | 55 Series | 50 Series |
| 175/60R14 | 185/55R14 195/55R14 | 195/50R15 |
| 185/60R14 | 195/55R14 185/55R15 195/55R15 | 195/50R15 205/50R15 |
| 195/60R14 | | 205/50R15 215/50R15 |
| 215/60R14 | 215/55R15 | 225/50R15 |
| 185/60R15 | 195/55R15 205/55R15 | 205/50R15 215/50R15 205/50R16 |
| 195/60R15 | 205/55R15 215/55R15 | 205/50R16 225/50R16 |
| 205/60R15 | 215/55R15 215/55R16 | 225/50R15 215/50R16 225/50R16 |
| 215/60R15 | 225/55R16 | |
| 215/60R16 | 225/55R16 | 225/50R17 |

4) 60 SERIES ⇔ 45/40 SERIES

| 60 Series | Conversion Size | |
|-----------|-------------------------------------|-----------|
| | 45 Series | 40 Series |
| 195/60R14 | 205/45R16 215/45R16 | |
| 205/60R14 | 215/45R16 225/45R16 | |
| 215/60R14 | 225/45R16 | |
| 225/45R14 | 245/45R16 | |
| 185/60R15 | 205/45R16 215/45R16 | |
| 195/60R15 | 215/45R16 225/45R16 | |
| 205/60R15 | 225/45R16 225/45R17 | |
| 215/60R15 | 245/45R16 235/45R17 | 245/40R17 |
| 225/60R15 | 245/45R16 235/45R16 245/45R17 | 245/40R17 |
| 235/60R15 | 245/45R17 255/45R17 | |
| 215/60R16 | 245/45R16 235/45R17 245/45R17 | 245/40R17 |
| 225/60R16 | 245/45R17 | |
| 235/60R16 | 255/45R17 | |

5) 55 SERIES ⇔ 50 SERIES

| 55 Series | Conversion Size |
|-----------|-------------------------------------|
| | 50 Series |
| 195/55R14 | 195/50R15 205/50R15 |
| 185/55R15 | 195/50R15 205/50R15 |
| 195/55R15 | 205/50R15 215/50R15 205/50R16 |
| 205/55R15 | 215/50R15 205/50R16 215/50R16 |
| 215/55R15 | 225/50R15 215/50R16 225/50R16 |
| 205/55R16 | 215/50R16 225/50R16 |
| 215/55R16 | 215/50R16 225/50R16 225/50R17 |
| 225/55R16 | 245/50R16 255/50R17 |

6) 55 SERIES ⇔ 45/40 SERIES

| 55 Series | Conversion Size | |
|-----------|--|-------------------------------------|
| | 45 Series | 40 Series |
| 205/55R14 | 205/45R16 215/45R16 | |
| 185/55R15 | 205/45R16 | |
| 195/55R15 | 205/45R16 215/45R16 | |
| 205/55R15 | 215/45R16 225/45R16 | |
| 215/55R15 | 225/45R16 245/45R16 | 245/40R17 |
| 225/55R15 | 225/45R16 245/45R16 225/45R17 235/45R17 | 245/40R17 |
| 205/55R16 | 225/45R16 225/45R17 | 225/40R18 |
| 215/55R16 | 225/45R16 245/45R16 225/45R17 235/45R17 | 245/40R17 225/40R18 235/40R18 |
| 225/55R16 | 245/45R16 235/45R17 245/45R17 | 245/40R17 235/40R18 |
| 245/55R16 | 255/45R17 | 265/40R17 |

PSR Conversion Chart

7) 50 SERIES ⇔ 45/40 SERIES

| 50 Series | Conversion Size | |
|-----------|--|-------------------------------------|
| | 45 Series | 40 Series |
| 195/50R15 | 205/45R16 | - |
| 205/50R15 | 205/45R16 215/45R16 | - |
| 215/50R15 | 215/45R16 225/45R16 | - |
| 225/50R15 | 225/45R16 | - |
| 205/50R16 | 215/45R16 225/45R16 | - |
| 215/50R16 | 225/45R16 245/45R16 225/45R17 | 245/40R17 225/40R18 |
| 225/50R16 | 225/45R16 245/45R16 225/45R17 235/45R17 | 245/40R17 235/40R18 |
| 235/50R16 | 245/45R16 235/45R17 245/45R17 | 245/40R17 255/40R17 |
| 245/50R16 | 245/45R17 255/45R17 | 265/40R17 |
| 255/50R16 | 255/45R17 | 265/40R17 |
| 205/50R17 | 225/45R17 | 225/40R18 |
| 215/50R17 | 225/45R17 235/45R17 | 245/40R17 225/40R18 235/40R18 |
| 225/50R17 | 235/45R17 245/45R17 | 245/40R17 |

CONVERSION CHART

| JANTE RIM | BIAS DIAG. | RADIAL | |
|-----------|------------|-----------------|------------------|
| | | 95 & 100 SERIES | 82 SERIES |
| 13 | 5.00-13 | - | 145R13 155R13 |
| | 5.50-13 | 155/95R13 | 165R13 175R13 |
| | 6.00-13 | 165/95/R13 | 175R13 |
| | Y78-13 | - | 155R13 165R13 |
| | (Z78-13) | - | 155R13 165R13 |
| 14 | 5.50-14 | - | 165R14 175R14 |
| | 6.00-14 | 165/95R14 | 185R14 195R14 |
| | 6.50-14 | 175/95R14 | 195R14 |
| | 6.95-14 | - | 175R14 185R14 |
| | E78-14 | 165/95R14 | 185R14 195R14 |
| 15 | 6.00-15 | 6.00R15 | 195R15 205R15 |
| | 6.50-15 | 6.50R15 | 205R15 |
| | 7.00-15 | 7.00R15 | 215R15 |
| | 7.50-15 | 7.50R15 | - |
| 16 | 6.50-16 | 6.50R16 | 205R16 |
| | 7.00-16 | 7.00R16 | - |
| 17.5 | 7.50-16 | 7.50R16 | - |
| | 825-16 | 825R16 | - |

Conversion Chart for Light Cars & Trucks Radial Tyre
This chart shows interchangeability between bias tyres and radial tyres, which should be read from left to right in conversion, radial tyres should have the same ply rating as that of bias tyres or more fundamentally. When installing tyres, confirm that they should meet the road transport vehicle safety standards (Wheel-well clearance is enough and rotating parts do not protrude from the body).

8) BIAS PLY ⇔ RADIAL

| Bias Ply | Radial Ply | |
|-----------|------------|-----------|
| | 82 Series | 70 Series |
| 4.80 - 10 | 145R10 | 165/70R10 |
| 5.00 - 10 | | |
| 5.20 - 10 | 145R10 | 165/70R10 |
| 5.65 - 12 | 135R12 | 145/70R12 |
| | | 155/70R12 |
| 5.95 - 12 | 145R12 | 155/70R12 |
| | | 165/70R12 |

NOTES:

- This chart does not imply complete interchangeability. Type interchangeability is not always possible due to differences in rim sizes, tyre dimensions, load ratings, wheel-well clearances, vehicle handling and manufacturers recommendations.
- Always check the vehicle manufacturers recommendations for tyre size options before replacing tyres with different sizes and/or constructions.

DEFINITIONS OF LETTERS

LOAD INDEX

(The European Tyre and Rim Technical Organisation STANDARD)

| LI | kg | LI | kg | LI | kg | LI | kg |
|----|-----|-----|------|-----|------|-----|------|
| 60 | 250 | 90 | 600 | 120 | 1400 | 150 | 3350 |
| 61 | 257 | 91 | 615 | 121 | 1450 | 151 | 3450 |
| 62 | 265 | 92 | 630 | 122 | 1500 | 152 | 3550 |
| 63 | 272 | 93 | 650 | 123 | 1550 | 153 | 3650 |
| 64 | 280 | 94 | 670 | 124 | 1600 | 154 | 3750 |
| 65 | 290 | 95 | 690 | 125 | 1650 | 155 | 3875 |
| 66 | 300 | 96 | 710 | 126 | 1700 | 156 | 4000 |
| 67 | 307 | 97 | 730 | 127 | 1750 | 157 | 4125 |
| 68 | 315 | 98 | 750 | 128 | 1800 | 158 | 4250 |
| 69 | 325 | 99 | 775 | 129 | 1850 | 159 | 4375 |
| 70 | 335 | 100 | 800 | 130 | 1900 | 160 | 4500 |
| 71 | 345 | 101 | 825 | 131 | 1950 | 161 | 4625 |
| 72 | 355 | 102 | 850 | 132 | 2000 | 162 | 4750 |
| 72 | 365 | 103 | 875 | 133 | 2060 | 163 | 4875 |
| 74 | 375 | 104 | 900 | 134 | 2120 | 164 | 5000 |
| 75 | 387 | 105 | 925 | 135 | 2180 | 165 | 5150 |
| 76 | 400 | 106 | 950 | 136 | 2240 | 166 | 5300 |
| 77 | 412 | 107 | 975 | 137 | 2300 | 167 | 5450 |
| 78 | 425 | 108 | 1000 | 138 | 2360 | 168 | 5600 |
| 79 | 437 | 109 | 1030 | 139 | 2430 | 169 | 5800 |
| 80 | 450 | 110 | 1060 | 140 | 2500 | 170 | 6000 |
| 81 | 462 | 111 | 1090 | 141 | 2575 | 171 | 6150 |
| 82 | 475 | 112 | 1120 | 142 | 2650 | 172 | 6300 |
| 83 | 487 | 113 | 1150 | 143 | 2725 | 173 | 6500 |
| 84 | 500 | 114 | 1180 | 144 | 2800 | 174 | 6700 |
| 85 | 515 | 115 | 1215 | 145 | 2900 | 175 | 6900 |
| 86 | 530 | 116 | 1250 | 146 | 3000 | 176 | 7100 |
| 87 | 545 | 117 | 1285 | 147 | 3075 | 177 | 7300 |
| 88 | 560 | 118 | 1320 | 148 | 3150 | 178 | 7500 |
| 89 | 580 | 119 | 1360 | 149 | 3250 | 179 | 7750 |

SPEED SYMBOL

(The European Tyre and Rim Technical Organization STANDARD)

| Speed Symbol | Speed (km/h) | Speed Symbol | Speed (km/h) |
|--------------|--------------|--------------|--------------|
| E | 70 | Q | 160 |
| F | 80 | R | 170 |
| G | 90 | S | 180 |
| J | 100 | T | 190 |
| K | 110 | U | 200 |
| L | 120 | H | 210 |
| M | 130 | V | 240 |
| N | 140 | W | 270 |
| P | 150 | Y | 300 |
| | | Z | * OVER 240 |

SPEED CATEGORY

| SPEED CATEGORY MARKINGS | TYRE SPEED CAPABILITY (km/h) |
|-------------------------|------------------------------|
| Radial | |
| ZR | over 240 |

PLY RATING - LOAD RANGE

(The Tyre and Rim Association STANDARD)

| Ply Rating | Load Range | Ply Rating | Load Range |
|------------|------------|------------|------------|
| 2 | A | 14 | G |
| 4 | B | 16 | H |
| 6 | C | 18 | J |
| 8 | D | 20 | L |
| 10 | E | 22 | M |
| 12 | F | 24 | N |

LTR Conversion Chart

85/80 SERIES ⇔

75 SERIES ⇔

70 SERIES

| Actual Size | | | Conversion Size | | | Conversion Size | | |
|-------------|-----|------|-----------------|-----|------|-----------------|-----|------|
| SIZE | O.D | L.I. | SIZE | O.D | L.I. | SIZE | O.D | L.I. |
| 195/80R15 | 694 | 94 | 205/75R15 | 692 | 97 | 225/70R15 | 699 | 100 |
| 215/80R15 | 723 | 101 | | | | 235/70R15 | 715 | 103 |
| 225/80R15 | 741 | 105 | | | | 255/70R15 | 741 | 112 |
| 225/80R15 | 741 | 105 | | | | 245/70R16 | 753 | 107 |
| 175/80R16 | 692 | 97 | 205/75R15 | 692 | 97 | 225/70R15 | 699 | 100 |
| 205/80R16 | 740 | 99 | 235/75R15 | 735 | 104 | 255/70R15 | 741 | 112 |
| 205/80R16 | 740 | 99 | | | | 225/75R16 | 748 | 103 |
| 215/80R16 | 748 | 107 | | | | 255/70R15 | 741 | 112 |
| | | | | | | 265/70R15 | 753 | 110 |
| 235/80R16 | 782 | 109 | 265/75R15 | 780 | 112 | 255/70R16 | 767 | 109 |
| 215/85R16 | 780 | 110 | 265/75R15 | 780 | 112 | 265/70R16 | 777 | 112 |
| 235/85R16 | 817 | 108 | 265/75R16 | 808 | 112 | | | |

60/65 SERIES ⇔

OTHER SIZES

| Conversion Size | | | Conversion Size | | |
|-----------------|-----|-----|-----------------|-----|-----|
| SIZE | O.D | L.I | SIZE | O.D | L.I |
| 215/65R16 | 691 | 98 | 215/65R16 | 691 | 98 |
| 275/60R15 | 708 | 107 | 275/60R15 | 708 | 107 |
| 265/60R17 | 752 | 108 | 30X9.50R15 | 753 | 105 |
| 215/65R16 | 691 | 98 | | | |
| 265/60R17 | 752 | 108 | 30X9.50R15 | 753 | 105 |
| 245/70R16 | 753 | 107 | | | |
| 265/60R17 | 752 | 108 | | | |
| 265/60R18 | 777 | 109 | 31X10.50R15 | 780 | 109 |
| | | | 31X11.50R15 | 780 | 110 |
| 285/60R18 | 801 | 114 | 31X10.50R15 | 780 | 110 |
| | | | 7.50R16 | 810 | 114 |

75 SERIES ⇔

70 SERIES ⇔

60/65 SERIES ⇔

OTHER SIZES

| Actual Size | | | Conversion Size | | | Conversion Size | | | Conversion Size | | |
|-------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| SIZE | O.D | L.I | SIZE | O.D | L.I | SIZE | O.D | L.I | SIZE | O.D | L.I |
| 205/75R15 | 692 | 97 | 225/70R15 | 699 | 100 | 215/65R16 | 691 | 98 | | | |
| 215/75R15 | 710 | 100 | 225/70R15 | 699 | 100 | 275/60R15 | 708 | 107 | | | |
| | | | 235/70R15 | 715 | 103 | | | | | | |
| 235/75R15 | 735 | 104 | 255/70R15 | 741 | 112 | | | | | | |
| 225/75R16 | 748 | 103 | 255/70R15 | 741 | 112 | 265/60R17 | 752 | 108 | 30X9.50R15 | 753 | 105 |
| | | | 245/70R16 | 753 | 107 | | | | | | |
| 245/75R16 | 779 | 108 | 255/70R16 | 767 | 109 | 265/60R18 | 777 | 109 | 31X10.50R15 | 780 | 109 |
| | | | 265/70R16 | 777 | 112 | | | | | | |
| 265/75R15 | 780 | 112 | 265/70R16 | 777 | 112 | | | | | | |
| 265/75R16 | 808 | 112 | | | | 285/60R18 | 801 | 114 | 750R16 | 810 | 114 |
| 285/75R16 | 838 | 116 | | | | | | | | | |

70 SERIES ⇔

65/60 SERIES ⇔

OTHER SIZES

| Actual Size | | | Conversion Size | | | Conversion Size | | |
|-------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| SIZE | O.D | L.I | SIZE | O.D | L.I | SIZE | O.D | L.I |
| 205/70R15 | 668 | 95 | | | | | | |
| 225/70R15 | 699 | 100 | 235/60R16 | 688 | 100 | | | |
| | | | 255/50R17 | 690 | 100 | | | |
| 235/70R15 | 715 | 103 | 275/60R15 | 708 | 107 | | | |
| 255/70R15 | 741 | 112 | | | | | | |
| 265/70R16 | 753 | 110 | | | | | | |
| 205/70R16 | 700 | 97 | 215/65R16 | 691 | 98 | | | |
| | | | 275/60R15 | 708 | 107 | | | |
| 215/70R16 | 707 | 99 | 275/60R15 | 708 | 107 | | | |
| 245/70R16 | 753 | 107 | 265/60R17 | 752 | 108 | | | |
| 255/70R16 | 767 | 109 | 275/60R17 | 764 | 110 | | | |
| | | | 265/60R18 | 777 | 109 | | | |
| 275/70R16 | 793 | 114 | 285/60R18 | 801 | 114 | 750R16 | 810 | 114 |