



COMMERCIAL VEHICLE WHEELS

Quick Reference Guide





Hub-Piloted Steel Disc Wheels

- Hub-piloted wheels are designed for positive piloting with the hub at the center hole of the wheel.
- Wheels of this type have straight-through bolt holes (no ball seat or spherical countersink).
- Only one nut on each stud is used to fasten single or dual wheels to a vehicle.



| Part Number | Size | Wheel Offset | Disc Thickness | Approximate Weight | Hand Holes | Maximum Load Rating | Maximum Inflation | Recommended Valve |
|-------------|------|--------------|----------------|--------------------|------------|---------------------|-------------------|-------------------|
|-------------|------|--------------|----------------|--------------------|------------|---------------------|-------------------|-------------------|

8 Bolt Hole • 275.00mm (10.827") Bolt Circle • 221.11mm (8.705") Center Hole

| | | | | | | | | |
|----------------------|-------------|-------|--------|---------|---|------------|---------|------------------------|
| 10013 ⁽¹⁾ | 17.5 x 6.75 | 5.60" | 0.438" | 65 lbs. | 4 | 6,500 lbs. | 125 psi | TR-500/ TR-574-G29 |
| 91831 ⁽¹⁾ | 19.5 x 6.75 | 5.60" | 0.432" | 58 lbs. | 4 | 5,000 lbs. | 115 psi | TR-575/ TR-570-E14 |
| 2890157 | 19.5 x 6.75 | 5.70" | 0.433" | 58 lbs. | 8 | 5,500 lbs. | 120 psi | V3-22-1 ⁽²⁾ |
| 90614 | 22.5 x 7.50 | 6.50" | 0.425" | 76 lbs. | 4 | 6,610 lbs. | 120 psi | TR-572 |
| 88884 | 22.5 x 8.25 | 6.62" | 0.425" | 69 lbs. | 4 | 7,400 lbs. | 120 psi | TR-573 |
| 89920 | 22.5 x 8.25 | 6.62" | 0.495" | 90 lbs. | 4 | 8,000 lbs. | 120 psi | TR-573 |
| 88790 | 24.5 x 8.25 | 6.62" | 0.432" | 78 lbs. | 4 | 7,400 lbs. | 120 psi | TR-573 |
| 89851 | 24.5 x 8.25 | 6.62" | 0.495" | 94 lbs. | 4 | 8,000 lbs. | 120 psi | TR-573 |

⁽¹⁾ For 10013 and 91831: Fits on ISO hub backup diameter for 8-hole 275mm systems.

⁽²⁾ For 2890157: This wheel requires a specific valve, per ETRTO standards. There is no T&RA equivalent standard.

10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.09mm (8.665") Center Hole

| | | | | | | | | |
|----------------------|-------------|-------|--------|----------|----|-------------|---------|------------|
| 91840 | 19.5 x 7.50 | 6.40" | 0.432" | 65 lbs. | 5 | 6,700 lbs. | 120 psi | TR-546-36 |
| 90631 | 22.5 x 7.50 | 6.50" | 0.425" | 78 lbs. | 2 | 7,100 lbs. | 120 psi | TR-573 |
| 10038 | 22.5 x 7.50 | 6.50" | 0.425" | 76 lbs. | 5 | 7,100 lbs. | 120 psi | TR-573 |
| 90541 | 22.5 x 8.25 | 6.62" | 0.425" | 70 lbs. | 2 | 7,400 lbs. | 120 psi | TR-573 |
| 90262 | 22.5 x 8.25 | 6.62" | 0.425" | 68 lbs. | 5 | 7,400 lbs. | 120 psi | TR-573 |
| 10073 | 22.5 x 8.25 | 6.62" | 0.425" | 68 lbs. | 10 | 7,400 lbs. | 120 psi | TR-573 |
| 90260 | 22.5 x 8.25 | 6.62" | 0.495" | 84 lbs. | 2 | 8,000 lbs. | 120 psi | TR-573 |
| 10049 | 22.5 x 8.25 | 6.62" | 0.495" | 82 lbs. | 5 | 8,000 lbs. | 120 psi | TR-573 |
| 10041 ⁽³⁾ | 22.5 x 9.00 | 5.77" | 0.517" | 92 lbs. | 5 | 10,000 lbs. | 130 psi | TR-573-E17 |
| 10047 | 22.5 x 9.00 | 7.00" | 0.588" | 102 lbs. | 5 | 10,000 lbs. | 130 psi | TR-573-E17 |
| 90542 | 24.5 x 8.25 | 6.62" | 0.432" | 79 lbs. | 2 | 7,400 lbs. | 120 psi | TR-573 |
| 90263 | 24.5 x 8.25 | 6.62" | 0.432" | 77 lbs. | 5 | 7,400 lbs. | 120 psi | TR-573 |
| 10076 | 24.5 x 8.25 | 6.62" | 0.432" | 82 lbs. | 10 | 7,400 lbs. | 120 psi | TR-573 |
| 90261 | 24.5 x 8.25 | 6.62" | 0.495" | 97 lbs. | 2 | 8,000 lbs. | 120 psi | TR-573 |

10 Bolt Hole • 335.00mm (13.189") Bolt Circle • 281.10mm (11.067") Center Hole

| | | | | | | | | |
|---------|-------------|-------|--------|---------|----|------------|---------|---------------------------|
| 2920086 | 22.5 x 7.50 | 6.49" | 0.458" | 78 lbs. | 10 | 6,930 lbs. | 120 psi | V3-20-4 ⁽⁴⁾ |
| 228294 | 22.5 x 8.25 | 6.69" | 0.512" | 85 lbs. | 10 | 7,826 lbs. | 130 psi | V3-20-6 ⁽⁴⁾⁽⁵⁾ |

⁽³⁾ For 10041: This wheel cannot be used for dual applications.

⁽⁴⁾ For 2920086 and 228294: These wheels require a specific valve, per ETRTO standards. There is no T&RA equivalent standard.

⁽⁵⁾ 2920072 is now 228294.



Hub-Piloted Forged Aluminum Disc Wheels

- All aluminum wheels are hub-piloted with standardized rim valves for fleet consistency
- Designs are interchangeable and compatible with current market offerings
- A bright machined finish is standard with polishing options available



| Part Number | Size | Wheel Offset | Bolt Circle Diameter | Approximate Weight | Hand Holes | Maximum Load Rating | Maximum Inflation | Recommended Valve |
|--|--------------|--------------|----------------------|--------------------|------------|---------------------|-------------------|-------------------|
| 8 Bolt Hole • 275.00mm (10.827") Bolt Circle • 221.11mm (8.705") Center Hole | | | | | | | | |
| 30100 | 17.5 x 6.75 | 5.55" | ø275 | 30 lbs. | 8 | 5,515 lbs. | 130 psi | TR-553C |
| 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.09mm (8.665") Center Hole | | | | | | | | |
| 30300 | 22.5 x 8.25 | 6.60" | ø285.75 | 45 lbs. | 10 | 7,400 lbs. | 130 psi | TR-554D |
| 30302 | 22.5 x 14.00 | 2.00" | ø285.75 | 56 lbs. | 10 | 12,800 lbs. | 130 psi | TR-553E |
| 30400 | 24.5 x 8.25 | 6.60" | ø285.75 | 56 lbs. | 10 | 7,400 lbs. | 130 psi | TR-554D |



Stud-Piloted Steel Disc Wheels

- Stud-piloted wheels are designed for centering by the nuts on the bolts/studs.
- Dual wheels require inner and outer cap nuts. For a front or single wheel, single cap nuts are used.
- RH and LH fasteners are required. Wheels of this type have spherical countersinks at each stud hole.



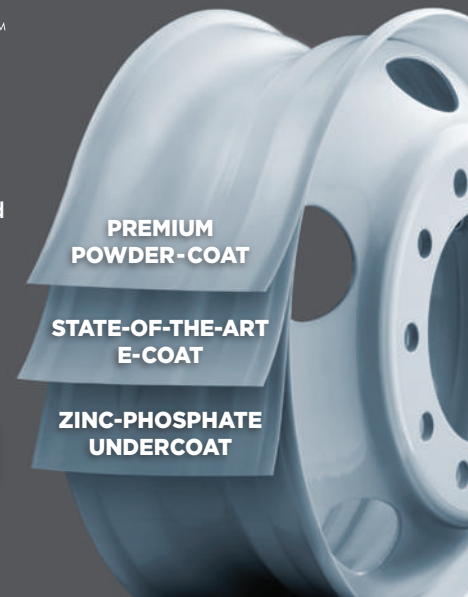
| Part Number | Size | Wheel Offset | Disc Thickness | Approximate Weight | Hand Holes | Maximum Load Rating | Maximum Inflation | Recommended Valve |
|--|-------------|--------------|----------------|--------------------|------------|---------------------|-------------------|-------------------|
| 10 Bolt Hole • 222.25mm (8.750") Bolt Circle • 165.35mm (6.510") Center Hole | | | | | | | | |
| 91834 | 17.5 x 6.75 | 6.19" | 0.418" | 62 lbs. | 2 | 6,500 lbs. | 125 psi | TR-574-E26 |
| 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 221.87mm (8.735") Center Hole | | | | | | | | |
| 87893 | 22.5 x 7.50 | 6.50" | 0.425" | 78 lbs. | 2 | 7,100 lbs. | 120 psi | TR-572 |
| 87905 | 22.5 x 8.25 | 6.62" | 0.425" | 70 lbs. | 2 | 7,400 lbs. | 120 psi | TR-573 |
| 87904 | 22.5 x 8.25 | 6.62" | 0.425" | 68 lbs. | 5 | 7,400 lbs. | 120 psi | TR-573 |
| 89921 | 22.5 x 8.25 | 6.62" | 0.495" | 90 lbs. | 2 | 8,000 lbs. | 120 psi | TR-573 |
| 10048 | 22.5 x 9.00 | 7.00" | 0.588" | 104 lbs. | 2 | 10,000 lbs. | 130 psi | TR-573-E17 |
| 87897 | 24.5 x 8.25 | 6.62" | 0.432" | 79 lbs. | 2 | 7,400 lbs. | 120 psi | TR-573 |
| 89922 | 24.5 x 8.25 | 6.62" | 0.495" | 97 lbs. | 2 | 8,000 lbs. | 120 psi | TR-573 |



The First 5-Year Finish Warranty That COMES STANDARD!

Maxion Wheels' MaxCoat Extra Finish 5-year Warranty comes standard on any steel hub-piloted single and wide-base tubeless disc wheel finished with original MaxCoat Extra powder-coat. Our proprietary process creates a highly-durable, baked-on finish that protects your wheels from even the most punishing road and environmental conditions.

Maxion Wheels offers MaxCoat Extra in white and gray as standard options. Custom colors are also available for an additional fee.



Visit maxionwheelsandrims.com/maxcoat for more information.



Hub-Piloted Steel Disc Wheels | Bus Mountings

- Robust construction to meet heavy-duty bus applications and usage.
- Hub-piloted configuration with increased bolt hole diameter to accommodate larger hub studs.
- Hub-piloted center hole provides a truer mounting than stud-piloted wheels.



| Part Number | Size | Wheel Offset | Disc Thickness | Approximate Weight | Hand Holes | Maximum Load Rating | Maximum Inflation | Recommended Valve |
|--|-------------|--------------|----------------|--------------------|------------|---------------------|-------------------|-------------------|
| 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.19mm (8.669") Center Hole | | | | | | | | |
| 87934 | 22.5 x 8.25 | 6.62" | 0.425" | 79 lbs. | 5 | 7,400 lbs. | 120 psi | TR-573 |



Wide-Base Steel Disc Wheels | Hub- & Stud-Piloted

- All wide-base steel disc wheels are topcoat painted white. Custom colors are available upon request.
- These wheels offer weight savings for better fuel economy, higher load applications, and less tire wear.



| Part Number | Size | Outset (pos.) | Inset (neg.) | Aproximate Weight | Hand Holes | Maximum Load Rating | Maximum Inflation | Recommended Valve ⁽⁶⁾ |
|---|--------------|--------------------|--------------------|-------------------|------------|---------------------|-------------------|----------------------------------|
| HUB-PILOTED: 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.09mm (8.665") Center Hole | | | | | | | | |
| 10034 | 22.5 x 12.25 | 4.54" | 4.00" | 111 lbs. | 5 | 11,400 lbs. | 125 psi | TR-500 |
| 10035 | 22.5 x 12.25 | 5.29" | 4.75" | 111 lbs. | 5 | 11,400 lbs. | 125 psi | TR-574-E26 |
| 10039 | 22.5 x 13.00 | 0.50" | 0" | 119 lbs. | 5 | 11,000 lbs. | 110 psi | TR-574-E26 |
| 10043 | 22.5 x 13.00 | 3.12" | 2.62" | 119 lbs. | 5 | 11,000 lbs. | 110 psi | TR-500 |
| 10059 | 22.5 x 13.00 | 4.84" | 4.32" | 121 lbs. | 5 | 11,700 lbs. | 130 psi | TR-574-E26 |
| 10056 | 22.5 x 13.00 | 5.80" | 5.25" | 117 lbs. | 5 | 11,400 lbs. | 125 psi | TR-574-E26 |
| 10084 ⁽⁷⁾ | 22.5 x 14.00 | 2.00" | ⁽⁸⁾ --- | 113 lbs. | 20 | 11,000 lbs. | 125 psi | TR-500 |
| 10085 | 22.5 x 14.00 | 2.00" | ⁽⁸⁾ --- | 113 lbs. | 20 | 11,000 lbs. | 125 psi | TR-500 |
| 10097 | 22.5 x 14.00 | 2.00" | ⁽⁸⁾ --- | 123 lbs. | 5 | 12,800 lbs. | 130 psi | TR-570 |
| 10086 | 22.5 x 14.00 | ⁽⁸⁾ --- | 0" | 113 lbs. | 20 | 12,300 lbs. | 120 psi | TR-500 |

| | | | | | | | | |
|--|--------------|-------|--------------------|----------|---|-------------|---------|-----------------------|
| STUD-PILOTED: 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 221.87mm (8.735") Center Hole | | | | | | | | |
| 10032 | 22.5 x 12.25 | 4.54" | 4.00" | 112 lbs. | 2 | 11,400 lbs. | 125 psi | TR-500 |
| 10033 | 22.5 x 12.25 | 5.29" | 4.75" | 112 lbs. | 2 | 11,400 lbs. | 125 psi | TR-574-E26 |
| 10042 | 22.5 x 13.00 | 0.50" | 0" | 120 lbs. | 2 | 11,000 lbs. | 110 psi | TR-574-E26 |
| 10036 | 22.5 x 13.00 | 3.12" | 2.62" | 120 lbs. | 2 | 11,000 lbs. | 110 psi | TR-500 |
| 10060 | 22.5 x 13.00 | 4.83" | 4.32" | 121 lbs. | 5 | 11,000 lbs. | 130 psi | TR-574-E26 |
| 10070 | 22.5 x 14.00 | 2.00" | ⁽⁸⁾ --- | 125 lbs. | 0 | 11,000 lbs. | 125 psi | TR-575/ TR-570-E14 |

| | | | | | | | | |
|---|--------------|-------|-------|---------|----|-------------|---------|------------------------|
| STUD-PILOTED: 10 Bolt Hole • 335.00mm (13.189") Bolt Circle • 281.10mm (11.067") Center Hole | | | | | | | | |
| 2920863 | 22.5 x 11.75 | 1.87" | 1.34" | 90 lbs. | 20 | 11,000 lbs. | 130 psi | V3-22-1 ⁽⁹⁾ |

| | | | | | | | | |
|--|--------------|--------------------|-------|----------|---|-------------|---------|--------|
| HEAVY DUTY STUD-PILOTED: 10 Bolt Hole • 335.00mm (13.189") Bolt Circle • 270.51mm (10.650") Center Hole | | | | | | | | |
| 10044 | 22.5 x 13.00 | ⁽⁸⁾ --- | 6.12" | 122 lbs. | 0 | 10,210 lbs. | 110 psi | TR-570 |
| 10045 | 22.5 x 13.00 | ⁽⁸⁾ --- | 6.12" | 123 lbs. | 0 | 12,500 lbs. | 125 psi | TR-570 |

⁽⁶⁾ The recommended valves listed for the 12.25" and 13.00" rim sizes are for the INSET position.

⁽⁷⁾ For 10084: Cautionary stamp provided for N-spindle applications.

⁽⁸⁾ Wheel not intended to be used in this position.

⁽⁹⁾ 2920524 is now 2920863. This wheel requires a specific valve, per ETRTO standards. There is no T&RA equivalent standard.

For complete information, questions, or special applications, please call (800) 337-0457.



Steel Demountable Rims

- Tubeless or Tube-Type demountable rims are used for Cast Spoke wheels.
- For superior corrosion protection, demountable rims are painted with our standard Electro-Deposition Primer and *Premium Topcoat* in either white or gray, with custom colors available upon request.



On-Highway Tubeless Rims

| Part Number | Size | Rim Offset | Approximate Weight | Maximum Load Rating | Maximum Inflation | Recommended Valve |
|-------------|-------------|------------|--------------------|---------------------|-------------------|-------------------|
| 675175ERS | 17.5 x 6.75 | 3.90" | 47 lbs. | 4,805 lbs. | 120 psi | TR-572 |
| 750225DVS | 22.5 x 7.50 | 4.26" | 64 lbs. | 7,030 lbs. | 120 psi | TR-572 |
| 825225DVL | 22.5 x 8.25 | 4.75" | 68 lbs. | 7,400 lbs. | 120 psi | TR-573 |
| 825245DVL | 24.5 x 8.25 | 4.75" | 70 lbs. | 7,400 lbs. | 120 psi | TR-573 |

17.5" diameter rims fit with 15" cast spoke wheels and 15" diameter spacer bands in dual applications.
 22.5" diameter rims fit with 20" cast spoke wheels and 20" diameter spacer bands in dual applications.
 24.5" diameter rims fit with 22" cast spoke wheels and 22" diameter spacer bands in dual applications.

Tube-Type Rims⁽¹⁰⁾

| Assembly Part Number | Size/Type | Rim Offset | Approximate Weight | Maximum Load Rating | Maximum Inflation | Rim Base | Side Ring |
|----------------------|------------|------------|--------------------|---------------------|-------------------|-----------|-----------|
| 6515LWDE | 6.50-15 LW | 3.715" | 37 lbs. | 4,290 lbs. | 105 psi | B6515LWDE | R6515LWE |
| 6520LWDE | 6.50-20 LW | 3.715" | 49 lbs. | 4,610 lbs. | 105 psi | B6520LWDE | R6520LWE |
| 7515LWDE | 7.50-15 LW | 4.258" | 52 lbs. | 5,520 lbs. | 105 psi | B7515LWDE | R8015LWE |
| 7520LWDE | 7.50-20 LW | 4.258" | 70 lbs. | 6,400 lbs. | 105 psi | B7520LWDE | R8020LWE |
| 8020LWDE | 8.00-20 LW | 4.496" | 73 lbs. | 7,600 lbs. | 105 psi | B8020LWDE | R8020LWE |
| 8024LWDE | 8.00-24 LW | 4.496" | 87 lbs. | 7,600 lbs. | 105 psi | B8024LWDE | R8024LWE |
| 9020LWDE | 9.00-20 LW | 5.123" | 92 lbs. | 9,230 lbs. | 120 psi | B9020LWDE | R8020LWE |
| 9024LWDE | 9.00-24 LW | 5.123" | 110 lbs. | 9,230 lbs. | 120 psi | B9024LWDE | R8024LWE |

⁽¹⁰⁾ LW type rims are designed for On-Highway applications.

Heavy Duty Tube-Type M Rims

| Assembly Part Number | Size | Rim Offset | Approximate Weight | Maximum Load Rating | Maximum Inflation | Rim Base | Flange | Lock Ring |
|----------------------|-----------|------------|--------------------|---|--------------------|-----------|---------|-----------|
| 7520MDE | 7.50VM-20 | 4.750" | 80 lbs. | 7,600 lbs. | 120 psi | B8020LWDE | F7520ME | LR20ME |
| 7524MDE | 7.50VM-24 | 4.750" | 97 lbs. | 7,600 lbs. | 120 psi | B8024LWDE | F7524ME | LR24ME |
| 8520MDE | 8.50VM-20 | 5.375" | 99 lbs. | 9,230 lbs. | 120 psi | B9020LWDE | F7520ME | LR20ME |
| 8524MDE | 8.50VM-24 | 5.375" | 119 lbs. | 9,230 lbs. | 120 psi | B9024LWDE | F7524ME | LR24ME |
| 1020MDE | 10.00W-20 | 6.312" | 116 lbs. | 9,610 lbs. 11,250 lbs. ⁽¹¹⁾ | 120 psi 120 psi | B1020MDE | F1020ME | LR20ME |
| 1024MDE | 10.00W-24 | 6.312" | 141 lbs. | 9,740 lbs. 11,500 lbs. ⁽¹¹⁾ | 120 psi 120 psi | B1024MDE | F1024ME | LR24ME |

⁽¹¹⁾ For 1020MDE and 1024MDE: Load rating is restricted to highway speeds of 50 miles per hour maximum.

Low Point Markings

Marking "Dimple":

- Stamped onto the visual side of the rim bead seat for ease of identification to assure the wheel was checked for runout.

Match Mounting:

- Minimizes vehicle vibration and wear.
- Results in improved ride.
- Results in less damage to equipment/vehicle components.



MAXION WHEELS MATTER

Wheels move our world. They make it possible for countless people to deliver the goods and services we depend on every day to make our lives better. For over a century, Maxion Wheels have reliably carried more freight and people than any other wheel maker.

As the world's largest and most innovative wheel manufacturer, Maxion Wheels brings unparalleled experience, capabilities and inspiration to the table. We've built our success on the rock-solid foundation of our legacy companies: The Budd Company, Motor Wheel, Kelsey-Hayes, Hayes Lemmerz, Fumagalli, and Maxion Wheels and Chassis.

Maxion Wheels offers the world's largest portfolio of lightweight steel wheels and is the number one supplier of commercial vehicle steel wheels. We've now expanded our portfolio to include forged aluminum wheels. We serve our North American

market with cutting-edge manufacturing plants in Akron, Ohio, and San Luis Potosí, Mexico.

Integrated with Maxion Wheels' global supply and logistics network, we provide the stability and resources to help our customers succeed.

Right from the start, we led the way with product improvements and advancements that have shaped our industry. In fact, Maxion Wheels has developed virtually every major wheel innovation since trucks first hit the road.

Maxion Wheels was the first to market with stud-piloted wheels, hub-piloted wheels and the first to include low point markings for match mounting. We continue to set the pace by providing a standard 5-year warranty on our MaxCoat Extra finish.

Wheels matter. Always have. Always will.



COMMERCIAL VEHICLE WHEELS GLOBAL PRESENCE

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