



COMMERCIAL VEHICLE WHEELS

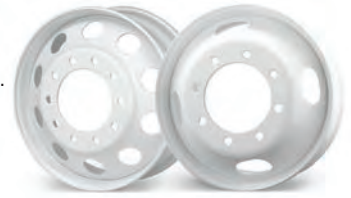
Quick Reference Guide





## 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 <sup>(6)</sup>
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### 8 Bolt Hole • 275.00mm (10.827") Bolt Circle • 221.11mm (8.705") Center Hole

10013 <sup>(1)</sup>	17.5 x 6.75	5.60"	0.438"	65 lbs.	4	6,500 lbs.	125 psi	TR-500/ TR-574-G29
91831 <sup>(1)</sup>	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 <sup>(2)</sup>
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

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

<sup>(2)</sup> 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 <sup>(3)</sup>	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 <sup>(4)</sup>
228294	22.5 x 8.25	6.69"	0.512"	85 lbs.	10	7,826 lbs.	130 psi	V3-20-6 <sup>(4)(5)</sup>

<sup>(3)</sup> For 10041: This wheel cannot be used for dual applications.

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

<sup>(5)</sup> 2920072 is now 228294.

<sup>(6)</sup> For air disc brake applications, contact Maxion Wheels for a rim valve.



## 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	Disc Thickness	Approximate Weight	Hand Holes	Maximum Load Rating	Maximum Inflation	Recommended Valve
<b>10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.09mm (8.665") Center Hole</b>								
30300	22.5 x 8.25	6.60"	0.875"	45 lbs.	10	7,400 lbs.	130 psi	TR-554D
30400	24.5 x 8.25	6.60"	0.875"	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 <sup>(7)</sup>
<b>10 Bolt Hole • 222.25mm (8.750") Bolt Circle • 165.35mm (6.510") Center Hole</b>								
91834	17.5 x 6.75	6.19"	0.418"	62 lbs.	2	6,500 lbs.	125 psi	TR-574-E26
<b>10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 221.87mm (8.735") Center Hole</b>								
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

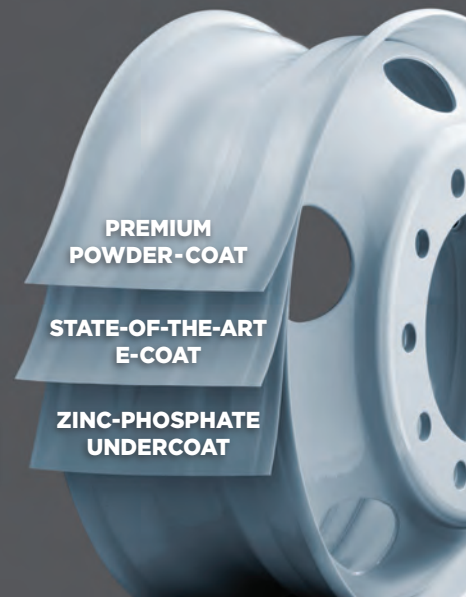
<sup>(7)</sup> For air disc brake applications, contact Maxon Wheels for a rim valve.



## 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 [maxionwheelsandribs.com/maxcoat](http://maxionwheelsandribs.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
<b>10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.19mm (8.669") Center Hole</b>								
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 <sup>(8)</sup>
<b>HUB-PILOTED: 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 220.09mm (8.665") Center Hole</b>								
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 <sup>(9)</sup>	22.5 x 14.00	2.00"	<sup>(10)</sup> ---	113 lbs.	20	11,000 lbs.	125 psi	TR-500
10085	22.5 x 14.00	2.00"	<sup>(10)</sup> ---	113 lbs.	20	11,000 lbs.	125 psi	TR-500
10097	22.5 x 14.00	2.00"	<sup>(10)</sup> ---	123 lbs.	5	12,800 lbs.	130 psi	TR-570
10086	22.5 x 14.00	<sup>(10)</sup> ---	0"	113 lbs.	20	12,300 lbs.	120 psi	TR-500

<b>STUD-PILOTED: 10 Bolt Hole • 285.75mm (11.250") Bolt Circle • 221.87mm (8.735") Center Hole</b>								
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"	<sup>(10)</sup> ---	125 lbs.	0	11,000 lbs.	125 psi	TR-575/ TR-570-E14

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

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

<sup>(8)</sup> The recommended valves listed for the 12.25" and 13.00" rim sizes are for the INSET position.

<sup>(9)</sup> For 10084: Cautionary stamp provided for N-spindle applications.

<sup>(10)</sup> Wheel not intended to be used in this position.

<sup>(11)</sup> 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<sup>(12)</sup>

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

<sup>(12)</sup> 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. <sup>(13)</sup>	120 psi 120 psi	B1020MDE	F1020ME	LR20ME
1024MDE	10.00W-24	6.312"	141 lbs.	9,740 lbs. 11,500 lbs. <sup>(13)</sup>	120 psi 120 psi	B1024MDE	F1024ME	LR24ME

<sup>(13)</sup> 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

**W**heels 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

### UNITED STATES

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