



Accuride Wheels Quick Reference



Offering the broadest product
line in the industry.

Your only single source for industry-leading wheel end solutions.

STEEL & ALUMINUM WHEELS | DRUMS | HUBS | ROTORS | SLACK ADJUSTERS



15° Tubeless Aluminum Wheels

10-Hole, 285.75mm Bolt Circle

220mm Bore

Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Inset/Outset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
1	19.5 x 7.50RW ⁽¹⁾⁽²⁾	29685	10	6.25"	.875"	TR545D	38	6700 - 125
2	19.5 x 8.25RW ⁽¹⁾⁽²⁾	29602	10	6.63"	.875"	TR545D	39	7250 - 120
3	22.5 x 7.50	28844	10	6.45"	.935"	TR545D	55	7300 - 120
4	22.5 x 8.25	42644	10	6.59"	.800"	TR-545-55	40	7400 - 131
5	22.5 x 8.25	43644	10	6.59"	.750"	TR545D	38	7400 - 131
6	22.5 x 8.25	40008	10	6.59"	.935"	TR545D	54	8100 - 131
7	22.5 x 9.00	41012 ⁽³⁾	10	3.12"	.980"	TR543E	51	10200 - 131
8	22.5 x 9.00	41730	10	7.00"	.980"	TR545D	58	10000 - 130
9	22.5 x 12.25	29378 ⁽⁵⁾	10	---/.56"	1.120"	TR543E	62	11400 - 120
10	22.5 x 12.25	29683	10	2.88"/4.00"	1.125"	TR545E	62	11400 - 125
11	22.5 x 12.25	29374 ⁽⁵⁾	10	4.75"/---	1.125"	TR545E	66	11000 - 131
12	22.5 x 13.00	29380 ⁽⁵⁾	10	---/.56"	1.120"	TR543E	64	12300 - 120
13	22.5 x 13.00	29376 ⁽⁵⁾	10	5.25"/---	1.125"	TR545E	68	11000 - 120
14	22.5 x 14.00	42140 ⁽⁵⁾	10	---/.50"	1.00"	TR543E	55	12800 - 131
15	22.5 x 14.00	43140	10	---/.50"	1.00"	TR543E	51	12800 - 131
16	22.5 x 14.00 ⁽⁴⁾	42142	10	2.00"	1.00"	TR543E	55	12800 - 131
17	22.5 x 14.00	43142	10	2.00"	1.00"	TR543E	51	12800 - 131
18	24.5 x 8.25	41362	10	6.59"	.875"	TR545D	54	7400 - 131
19	24.5 x 8.25	42362	10	6.59"	.875"	TR545D	50	7400 - 131

⁽¹⁾ "RW" denotes revised well for increased brake clearance.

⁽²⁾ Requires special 15 x 8 5/8 brake package.

⁽³⁾ Not approved for dual application (inset listed).

⁽⁴⁾ The offset of Duplex wheels can affect the loading on the axle ends.

When retrofitting trailers with wheels having an outset greater than 0.63 inches, consult the axle manufacturer.

⁽⁵⁾ Duplex wheels are single-mount. Inset/Outset provided.

Refer to bulletins W2.027, W2.028, and W2.029 for heavy duty applications.



15° Tubeless Aluminum Wheels

8-Hole, 275mm Bolt Circle

221mm Bore

Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
20	17.5 x 6.75	40171	8	5.55"	.827"	TR544C	30	5515 - 142
21	19.5 x 6.75RW ⁽¹⁾⁽²⁾	29695	8	5.60"	.830"	TR545D	36	5000 - 125
22	19.5 x 7.50RW ⁽¹⁾⁽²⁾	40160	8	6.25"	.875"	TR545D	39	6700 - 120
23	19.5 x 7.50RW ⁽¹⁾⁽²⁾⁽³⁾	40162	8	6.45"	.875"	TR545D	39	6700 - 131
24	22.5 x 8.25	29348	8	6.59"	.935"	TR545D	55	7300 - 120

⁽¹⁾ "RW" denotes revised well for increased brake clearance.

⁽²⁾ Fits only ISO Hub back-up diameter for 8 holes, 275mm system.

⁽³⁾ Bolt holes are 32.87mm. ISO Standards are 26mm.



15° Tubeless Aluminum Wheels

10-Hole, 11 1/4" Bolt Circle

8.72" Bore

Stud-Piloted Dual-Mounting, Double Cap Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
25	22.5 x 8.25	28615	10	6.59"	.935"	TR545D	54	7250 - 120
26	22.5 x 9.00	28608	10	7.00"	.980"	TR545D	60	9000 - 130
27	24.5 x 8.25	27599	10	6.59"	.935"	TR545D	62	7200 - 120



15° Tubeless Steel Wheels

10-Hole, 285.75mm Bolt Circle

220mm Bore

Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Inset/Outset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
1	19.5 x 7.50RW ⁽¹⁾⁽²⁾	29195	5	6.40"	.437"	TR546-36	65	6700 - 120
2	22.5 x 7.50	29001	5	6.44"	.437"	TR500	72	6610 - 120
3	22.5 x 8.25	51408 ⁽³⁾	2	6.60"	.437"	TR572-F19	67	7400 - 120
4	22.5 x 8.25	51487 ⁽³⁾	5	6.60"	.437"	TR572-F19	65	7400 - 120
5	22.5 x 8.25	51637 ⁽³⁾	10	6.60"	.437"	TR572-F19 ⁽⁴⁾	65	7400 - 120
6	22.5 x 12.25	29805 ⁽⁵⁾	5	---/.63"	.625"	TR574-24E	119	11500 - 125
7	22.5 x 12.25	29806 ⁽⁵⁾	5	4.00"/---	.625"	TR500	119	11500 - 125
8	22.5 x 12.25	29807 ⁽⁵⁾	5	4.75"/---	.625"	TR574-24E	119	11500 - 125
9	22.5 x 13.00	29146 ⁽⁵⁾	5	---/.63"	.625"	TR574-26E	132	11000 - 110
10	22.5 x 13.00	29174 ⁽⁵⁾	5	2.62"/---	.625"	TR500	129	11000 - 110
11	22.5 x 13.00	29303 ⁽⁵⁾	5	4.32"/---	.625"	TR574-26E	132	11000 - 110
12	22.5 x 13.00	29057 ⁽⁵⁾	5	5.25"/---	.625"	TR574-26E	132	11000 - 110
13	22.5 x 13.00	29058 ⁽⁶⁾⁽⁵⁾	0 ⁽⁹⁾	5.25"/---	.625"	TR574-26E	153	13000 - 130
14	22.5 x 14.00	50172 ⁽⁵⁾	5	---/0.00"	.625"	TR543E	127	12800 - 125
15	22.5 x 14.00 ⁽⁷⁾	29627	5	1.38"/2.00"	.625"	TR573	127	12800 - 125
16	24.5 x 8.25	50409	2	6.59"	.437"	TR572-D19	78	7400 - 120
17	24.5 x 8.25	50641	5	6.59"	.437"	TR572-D19	76	7400 - 120
18	24.5 x 8.25	29545	10	6.62"	.437"	TR573 ⁽⁴⁾	85	7400 - 120

Heavy Load Applications

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
19	22.5 x 8.25	28828	2	6.62"	.472"	TR573	79	8000 - 130
20	22.5 x 8.25	29169	5	6.62"	.472"	TR573	78	8000 - 130
21	22.5 x 9.00	29039	5	5.25" ⁽⁸⁾	.500"	TR573	103	10000 - 130
22	22.5 x 9.00	29300	5	7.00"	.625"	TR573	108	10000 - 130
23	24.5 x 8.25	28827	2	6.62"	.472"	TR573	86	8000 - 120

⁽¹⁾ "RW" denotes revised well for increased brake clearance.

⁽²⁾ Requires special 15 x 8 5/8 brake package.

⁽³⁾ Refer to bulletins W2.020, W2.021, and W2.027 for heavy duty applications.

⁽⁴⁾ Valve TR572E12 may provide improved valve access to inner dual.

⁽⁵⁾ Duplex wheels are single-mount; Inset/Outset provided.

⁽⁶⁾ Rim flanges are reinforced.

⁽⁷⁾ The offset of Duplex wheels can affect the loading on the axle ends. When retrofitting trailers with wheels having an outset greater than 0.63 inches, consult the axle manufacturer.

⁽⁸⁾ Not approved for dual application (inset listed).

⁽⁹⁾ Wheel disc has small valve access hole.



15° Tubeless Steel Wheels

8-Hole, 275mm Bolt Circle

221mm Bore

Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
24	17.5 x 6.75HC ⁽¹⁾	28656 ⁽²⁾⁽⁵⁾	4	5.60"	.437"	TR500 ⁽⁴⁾	54	5355 - 125
25	19.5 x 6.75RW ⁽³⁾⁽⁷⁾	50232 ⁽²⁾⁽⁶⁾	6	5.00"	.375"	TR575	58	5000 - 120
26	19.5 x 6.75RW ⁽³⁾⁽⁷⁾	50180 ⁽²⁾⁽⁶⁾	4	5.50"	.375"	TR575	59	5000 - 120

⁽¹⁾ "HC" denotes heavy construction to differentiate from light truck rims.

⁽²⁾ Fits only ISO Hub back-up diameter for 8-hole, 275mm system.

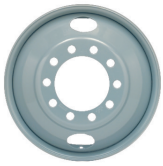
⁽³⁾ "RW" denotes revised well for increased brake clearance.

⁽⁴⁾ For inner duals use TR574 with F29 bend and a 2" extension.

⁽⁵⁾ Bolt holes are 26mm. ISO Standards are 24mm.

⁽⁶⁾ Bolt holes are 25mm. ISO Standards are 24mm.

⁽⁷⁾ Requires special 15 x 8 5/8 brake package.



15° Tubeless Steel Wheels

10-Hole, 11¼" Bolt Circle

8.72" Bore

Extra Service Wheels™

Stud-Piloted Dual-Mounting, Double Cap Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
1	22.5 x 7.50	27403	2	6.44"	.437"	TR500	73	6610 - 120
2	22.5 x 8.25	27404	2	6.62"	.437"	TR572	78	7400 - 120
3	22.5 x 8.25	27833C ⁽¹⁾⁽²⁾	5	6.62"	.437"	TR572	75	7400 - 120
4	24.5 x 8.25	27406	2	6.62"	.437"	TR573	86	7400 - 120

Heavy Load Applications

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
5	22.5 x 8.25	28549	2	6.62"	.472"	TR573	79	8000 - 130
6	22.5 x 8.25	28476C ⁽¹⁾⁽²⁾	5	6.62"	.472"	TR573	77	8000 - 130
7	22.5 x 9.00	28510 ⁽³⁾	2	7.00"	.625"	TR573	110	9000 - 130
8	24.5 x 8.25	28410	2	6.62"	.472"	TR573	86	8000 - 120

⁽¹⁾ Check clearance. May not fit some older bus applications.

⁽²⁾ "C" suffix denotes balanced wheel.

⁽³⁾ Because of the thicker disc, longer studs must be used. When longer studs are used, wheels with thinner discs cannot be used in a dual assembly because the inner cap nut can bottom out before the wheel is securely clamped.



15° Tubeless Demountable Rims

Extra Service Rims

Item	Rim Size	Part Number	Rim Offset	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
9	17.5 x 6.75HC ⁽¹⁾	31868175	3.90"	TR572	46	4805 - 125
10	22.5 x 8.25	30391225	4.75"	TR573	68	7300 - 120
11	24.5 x 8.25	30391245	4.75"	TR573	74	7300 - 120



Wheel-Guard® Separator Plate

Made of .040" thick nylon.

Highly recommended to reduce corrosion and fretting.

Should be placed between the hub or drum and the wheel, and/or between dual wheels.

Item	Part Number	Bolt Circle	Application
12	790-2	8 hole - 275mm	hub-piloted; 22mm diameter studs
13	100065	10 hole - 225mm	hub-piloted; 14mm diameter studs
14	590-3	10 hole - 285.75mm	hub-piloted; 22mm diameter studs
15	738-1	10 hole - 335mm	hub-piloted; ISO European Mount, 22mm diameter studs
16	590-2	10 hole - 11¼"	stud-piloted; ¾" diameter studs
17	590-1	10 hole - 11¼"	stud-piloted; 7/8" and 1 1/8" diameter studs



Special Bus Application with 1.22" Bolt Holes

10-Hole, 11¼" Bolt Circle

8.67" Bore

15° Tubeless Aluminum Wheel, Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
1	22.5 x 8.25	28632	10	6.59"	.860"	TR545D	54	7300 - 120



Special Bus Application with 1.22" Bolt Holes

10-Hole, 11¼" Bolt Circle

8.67" Bore

15° Tubeless Aluminum Wheel, Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
2	22.5 x 8.25	27834C ⁽¹⁾⁽²⁾	5	6.62"	.437"	TR572	76	7400 - 120

⁽¹⁾ Check clearance. May not fit some older bus applications.

⁽²⁾ "C" suffix denotes balanced wheel.



Aluminum European Mount

10-Hole, 335mm Bolt Circle

281mm Bore

15° Tubeless Aluminum Wheel, Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Inset/Outset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
3	22.5 x 8.25 ⁽¹⁾	29560	10	6.69"	.866"	V3-20-7	53	8046 - 138
4	22.5 x 8.25 ⁽²⁾	40014	10	6.69"	.866"	V3-20-7	53	8046 - 138
5	22.5 x 9.00 ⁽¹⁾	29562	10	6.89"	.866"	V3-20-7	55	9094 - 141
6	22.5 x 9.00 ⁽²⁾	40180	10	6.89"	.866"	V3-20-7	55	9094 - 141
7	22.5 x 11.75 ⁽¹⁾⁽³⁾	40166	10	0 / 25 ⁽⁴⁾	.984"	TR-542	50	11023 - 138
8	22.5 x 11.75 ⁽²⁾⁽³⁾	40178	10	0 / 25 ⁽⁴⁾	.984"	TR-542	50	11023 - 138
9	22.5 x 11.75 ⁽¹⁾⁽³⁾	40164	10	120 / 148 ⁽⁴⁾	1.102"	TR-542	54.7	11023 - 138
10	22.5 x 11.75 ⁽²⁾⁽³⁾	40176	10	120 / 148 ⁽⁴⁾	1.102"	TR-542	54	11023 - 138
11	22.5 x 11.75 ⁽¹⁾⁽³⁾	40394	10	135 / 164.5 ⁽⁴⁾	1.161"	TR-543	57	9921 - 138
12	22.5 x 11.75 ⁽²⁾⁽³⁾	40386	10	135 / 164.5 ⁽⁴⁾	1.161"	TR-543	57	9921 - 138

⁽¹⁾ 26mm bolt holes.

⁽³⁾ Duplex Wheels are single-mount; Inset/Outset provided in mm.

⁽²⁾ 32mm bolt holes.

⁽⁴⁾ Inset/Outset shown in mm.



Steel European Mount

10-Hole, 335mm Bolt Circle

281mm Bore

15° Tubeless Steel Wheel, Hub-Piloted Dual-Mounting, Two-Piece Flange Nut

Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc Thickness	Recommended Valve	Approx. Weight (lbs)	Maximum Load and Infl. (lbs) - (psi)
13	22.5 x 8.25	28440	10	6.62"	.433"	TR570-14E	87	7500 - 130
14	22.5 x 9.00	50593	10	7.00"	.625"	V3-20-6	111	10500 - 130

Aluminum Wheel Finish Options

- Standard Finish (SP) eg. 42644SP.
- Extra Polish Finish (XP) eg. 42644XP.
- ACCU-SHIELD® (C) eg. 42644XPC – add a "C" to the part number suffix.

- ACCU-ARMOR® (R) Available only on select part numbers.
 - ACCU-FLANGE™ (F) Available only on select part numbers.
- Please contact your Accuride representative for more details.

Problem solved

Accuride's revolutionary coating technology - Steel Armor™

Steel Armor™ solves your wheel-corrosion headache. Think premium rust protection. A superior finish that looks great and lasts longer, reducing maintenance costs. More miles of service over the life of your wheels. Our proprietary powder coat process and technology makes all this possible. The best wheels deserve the best coatings. That's why Accuride devotes the same attention to the wheel coatings as to the engineering and manufacturing of the wheels. Only from Accuride.



Accuride's Steel Armor™

- Powder topcoat is applied over E-coat primer.
- Exceeds 3,000 hours under industry standard ASTM salt spray testing.
- Special UV-protection formula provides proven maximum UV durability.

Corrosion contained

Steel Armor™ coating technology contains the growth of corrosion by blocking rust at the point of entry when gouges, chips, scrapes and scratches expose the metal.



Paint Options

The type and color of paint on wheels/rims will be designated as a suffix to the part number as follows:

- Powder Topcoat White e.g. 51487PKWHT21
- Powder Topcoat Black e.g. 51487PKBLK21
- Powder Topcoat Gray e.g. 51487PKGRY21
- Other non Steel Armor™ colors available

Wheel and Rim Limited Warranty

To file a warranty claim, call (800) 869-2275 option #1

Accuride Wheels warrants to the original purchaser that its products are free from defects in material and workmanship. The limited warranty time-frame (reference table below) is based on the date of product manufacture and shall be void if the product is altered, modified, misused, neglected, repaired or not maintained in accordance with the instructions printed in the product-specific Accuride Wheels Safety & Service Manuals⁽¹⁾.

Product Type	5 years / 60 months	1 year / 12 months	2 years / 24 months
Accuride Aluminum Wheels⁽¹⁾	Industry Standard Aluminum wheels Duplex® Aluminum Wheels ACCU-SHIELD® Wheels ACCU-ARMOR™ Wheels ProShield Black Wheels		ACCU-FLANGE™ Wheels
Accuride Steel Wheels⁽¹⁾	Extra Service Wheels™ (ESW) Styled Steel Wheels Tubeless Wheels and Demountable Rims Steel Armor™ Wheels	Duplex® Steel Disc Wheels Duplex® Demountable Rims Tube-Type Wheels & Demountable Rims Specialty Wheels / Steel Bolt-Together Light Truck Wheels	

(1) Refer to appropriate Accuride Wheels guide for additional limited warranty condition details: Accuride Wheels Product Catalog, Accuride Rim/Wheel Safety & Service Manual

ADDITIONAL PRODUCT SPECIFIC LIMITED WARRANTY CRITERIA

Wheels: The above warranty shall be void if the product is used with improper tire sizes, inflation pressures, or exceeded load ratings. The above warranty shall be void if the product is not properly maintained in accordance with the Accuride Rim/Wheel Safety & Service Manual. The above warranty also does not cover defects resulting from corrosion, other non-Accuride components, accident, excessive speed or other abnormal or severe operating conditions. Designated steel wheels are covered by a limited warranty to be free of "rust damage" from the date of manufacture indicated on the wheel: ProFinish™ for twelve (12) months, Steel Armor™ for sixty (60) months. Rust damage is defined as rust sufficient to require refinishing as determined by Accuride in accordance with the most current version of Accuride's technical bulletin W2.043 Steel Wheel Refinishing Criteria. The Steel Armor™ Warranties do not cover, and expressly exclude, rust in the crevice between the disc and the rim. The Steel Armor™ coating limited warranties herein apply to wheels manufactured by Accuride on or after January 1, 2017.

ACCU-ARMOR™, ACCU-SHIELD® and PROSHIELD BLACK Accuride Wheels does not cover the following conditions: (i) Any damage in the areas of the mounting surfaces, such as the area under the mounting nuts, the area in contact with hubs or drums and the area in contact with other wheels in dual position, (ii) Any damage to the wheel finish due to removal, misuse, or chipping, whether by contact with road obstacles such as stones, gravel, curbs, barriers, signs, or otherwise. ACCU-SHIELD® and PROSHIELD BLACK products are not covered for corrosion. Accuride Wheels recommends cleaning wheels with mild soap and water.

ACCU-FLANGE™: The Accu-Flange™ treatment warranty covers original purchasers against sharp edges on the rim flange for two (2) years from date of manufacture. This warranty does not cover the following conditions: (i) Any damage due to cleaning, including damage from the use of abrasives, abrasive brushes, steel wool, scouring pads, strong chemicals or corrosives, and (ii) Any damage due to removal, misuse, or chipping, whether by contact with road obstacles such as stones, gravel, curbs, barriers, signs, tire changing equipment or otherwise. For Accu-Flange™ / Accu-Shield® or Accu-Flange™ / Accu-Armor™ wheels, Accuride Wheels recommends cleaning with mild detergent and water only. For Accu-Flange™ only wheels, Accuride Wheels recommends cleaning with mild detergent and water and then apply a wheel polish or carnauba wax with a 100% cotton cloth.

Your single source for industry-leading wheel end solutions.

STEEL & ALUMINUM WHEELS | DRUMS | HUBS | ROTORS | SLACK ADJUSTERS

For more information: (800) 823-8332 | accuridcorp.com

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