

# DUPLEX<sup>®</sup> DISC WHEELS AND DUPLEX<sup>®</sup> DEMOUNTABLE RIMS



Hub-Piloted  
Tubeless Wheels

Stud-Piloted  
Tubeless Wheels

Demountable  
Rims & Components

Duplex Disc<sup>®</sup> Wheels  
Duplex<sup>®</sup> Demountable  
Rims

Light Truck Wheels

General Information

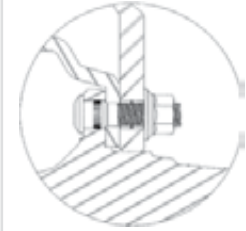


## ACCURIDE 15° TUBELESS DUPLEX® DISC WHEELS



### Aluminum Hub-Piloted Mounting<sup>(1)</sup> Two-Piece Flange Nut

10-Hole, 285.75mm Bolt Circle, 220mm Bore

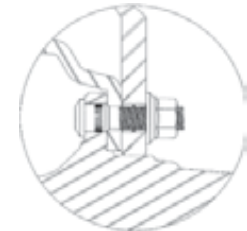


Item	Wheel Size	Part Number <sup>(8)</sup>	Inset <sup>(2)</sup>	Outset <sup>(2)</sup>	Disc Thickness	Installed Valve <sup>(3)</sup>	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	22.5 x 12.25	29378SP/XP	---	0.56"	1.120"	TR543E	62	11400 - 120
2	22.5 x 12.25	29683SP/XP	2.88"	4.00"	1.125"	TR545E	62	11400 - 125
3	22.5 x 12.25	29374SP/XP	4.75"	---	1.125"	TR545E	66	11000 - 131
4	22.5 x 13.00	29380SP/XP	---	0.56"	1.120"	TR543E	64	12300 - 120
5	22.5 x 13.00	29376SP/XP	5.25"	---	1.125"	TR545E	68	11000 - 120
6	22.5 x 14.00	42140SP/XP	---	0.50"	1.0"	TR543E	54	12800 - 131
7	22.5 x 14.00	42142SP/XP	---	2.00" <sup>(4)</sup>	1.0"	TR543E	55	12800 - 131



### Steel Hub-Piloted Mounting<sup>(1)</sup> Two-Piece Flange Nut

10-Hole, 285.75mm Bolt Circle,  
220mm Bore, .625" Disc



Item	Wheel Size	Part Number	Inset <sup>(2)</sup>	Outset <sup>(2)</sup>	Hand Holes	Disc Position	Recommended Valve <sup>(5)</sup>	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
8	22.5 x 12.25	29805	---	0.63"	5	2	TR574-24E	119	11500 - 125
9	22.5 x 12.25	29806	4.00"	---	5	1	TR500	119	11500 - 125
10	22.5 x 12.25	29807	4.75"	---	5	1	TR574-24E	119	11500 - 125
11	22.5 x 13.00	29146	---	0.63"	5	2	TR574-26E	132	11000 - 110
12	22.5 x 13.00	29174	2.62"	---	5	2	TR500	129	11000 - 110
13	22.5 x 13.00	29303	4.32"	---	5	1	TR574-26E	132	11000 - 110
14	22.5 x 13.00	29057	5.25"	---	5	1	TR574-26E	132	11000 - 110
15	22.5 x 13.00	29058 <sup>(6)</sup>	5.25"	---	0 <sup>(7)</sup>	1	TR574-26E	153	13000 - 130
16	22.5 x 14.00	29627	1.38"	2.00" <sup>(4)</sup>	5	2	TR573	127	12800 - 125
17	22.5 x 14.00	50172	---	0.00"	5	2	TR543E	127	12800 - 125

<sup>(1)</sup> These wheels require two-piece metric flange nuts and grade 8 or higher 22mm wheel studs and 450-500 ft. - lbs. nut torque are recommended.

<sup>(2)</sup> Inset is the lateral distance from the rim centerline to the mounting surface of the disc. Inset places the rim centerline inboard of the mounting surface; outset places the rim centerline outboard of the hub surface.

<sup>(3)</sup> Aluminum Duplex® wheels come with valve installed.

<sup>(4)</sup> The outset of Duplex® wheels can affect the loading on the axle end. When retrofitting trailers with wheels having an outset greater than 0.63 inches, consult the axle manufacturer.

<sup>(5)</sup> The valve shown is for the inset position.

<sup>(6)</sup> Rim flanges are reinforced.

<sup>(7)</sup> Wheel disc has small valve access hole.

<sup>(8)</sup> Available in Standard Polish and Extra Polish.

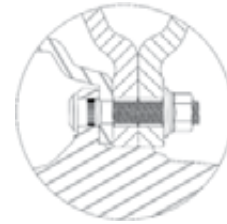
## ACCURIDE 15° TUBELESS DUPLEX® DISC WHEELS



### Aluminum Hub-Piloted Mounting Two-Piece Flange Nut

10-Hole, 335mm Bolt Circle, 281mm Bore

### ULTRAMOUNT 335



Item	Wheel Size	Part Number <sup>(9)</sup>	Inset (mm)	Outset (mm)	Bolt Hole (mm)	Approx. Wt. (kg/lbs)	Maximum Load (kg/lbs)	Maximum Infl (bar/psi/kPa)
1	22.5 x 11.75	40164SP/XP	120	148	26	24.8 / 54.7	5000/11023	9.5 / 138 / 952
2	22.5 x 11.75	40166SP/XP	0	25	26	23 / 50	5000/11023	9.5 / 138 / 952
3	22.5 x 11.75	40176SP/XP	120	148	32	24.6 / 54	5000/11023	9.5 / 138 / 952
4	22.5 x 11.75	40178SP/XP	0	25	32	23 / 50	5000/11023	9.5 / 138 / 952
5	22.5 x 11.75	40386SP/XP	135	161	32	25.7 / 57	5000/11023	9.5 / 138 / 952
6	22.5 x 11.75	40394SP/XP	135	161	26	25.9 / 57	5000/11023	9.5 / 138 / 952

### Steel Stud-Piloted Mounting<sup>(1)</sup> Outer Cap Nut

10-Hole, 11¼" Bolt Circle, 8.72" Bore, .625" Disc

Item	Wheel Size	Part Number	Inset <sup>(3)</sup>	Outset <sup>(3)</sup>	Hand Holes	Disc Position (see pg. 26)	Recommended Valve <sup>(2)</sup>	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
7	22.5 x 12.25	29816	4.75"	---	2	1	TR574-26E	129	10000 – 105 <sup>(6)</sup>
8	22.5 x 13.00	29818	---	0.63"	2	2	TR574-26E	132	10000 – 105
9	22.5 x 13.00	28684	5.25"	---	0 <sup>(4)</sup>	3	TR501 <sup>(5)</sup>	135	10250 – 110

### Heavy Duty (HD) Steel Stud-Piloted Mounting<sup>(8)</sup> Heavy Duty Outer Cap Nut

10-Hole, 13 3/16" Heavy Duty Bolt Circle, 10.69" Bore, .625" Disc

Item	Wheel Size	Part Number	Inset <sup>(3)</sup>	Outset <sup>(3)(7)</sup>	Hand Holes	Disc Position (see pg. 26)	Recommended Valve <sup>(2)</sup>	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
10	22.5 x 13.00	28465	6.12"	---	0 <sup>(4)</sup>	3	TR570	133	10210 – 110

<sup>(1)</sup> These wheels use standard cap nuts with 7/8" (.875") spherical radius.

<sup>(2)</sup> The valve shown is for the inset position.

<sup>(3)</sup> Inset is defined as the lateral distance from the rim centerline to the mounting surface of the disc. Inset places the rim centerline inboard of the mounting surface; outset places the rim centerline outboard of the hub surface.

<sup>(4)</sup> Wheel disc has small valve access hole.

<sup>(5)</sup> Wheel has two valve holes. Plug unused valve hole with Dill VS#902 or Schrader#345 plug.

<sup>(6)</sup> Wheel may be used at 9370 lbs - 120 psi with 385/65R 22.5 LR J tires.

<sup>(7)</sup> The wheel must only be installed in the inset position because bolt chamfers are only on one side of the disc.

<sup>(8)</sup> These wheels require Heavy Duty (HD) outer cap nuts with a 1 3/16" spherical radius. Standard cap nuts have a 7/8" (.875") spherical radius.

<sup>(9)</sup> Available in Standard Polish and Extra Polish.

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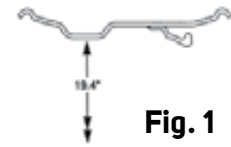
General Information

# ACCURIDE 15° TUBELESS DUPLEX® DEMOUNTABLE RIMS

For Installation on Cast Spoke Wheels Designed for 20 x 8.0 or Narrower Tube-Type or 22.5" Diameter Tubeless Demountable Rims



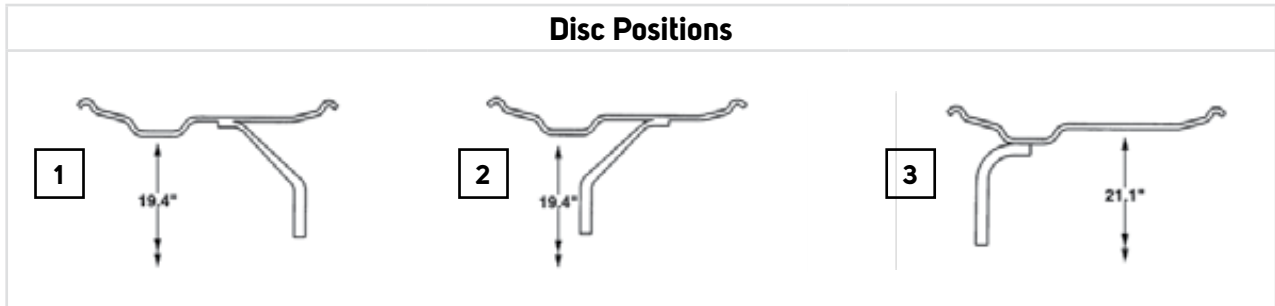
## Duplex® Demountable Rims for Front Applications



Item	Rim Size	Part Number <sup>(1)</sup>	Rim Offset <sup>(2)</sup>	Mounting Ring	Recommended Valve <sup>(3)</sup>	Approx. Wt. (kg)	Maximum Load & Infl. (lbs) – (psi)	Valve Hole Location <sup>(4)</sup>
1	22.5 x 12.25	31674	3.00"	Fig.1	TR574E13	100	9270 – 115	LS
2	22.5 x 12.25	31677	4.00"	Fig.1	TR574E13	100	9270 – 115	LS
3	22.5 x 12.25	31679	4.75"	Fig.1	TR574E13	100	9270 – 115	LS

<sup>(1)</sup> Requires a six spoke cast spoke wheel.  
<sup>(2)</sup> Rim offset is defined as the lateral distance from the rim centerline to the face of the mounting ring.  
<sup>(3)</sup> The valve listed places the end of the valve near the mounting ring clamping face. Shorter valves TR501 or TR500 may be used.  
<sup>(4)</sup> "BDC" denotes bottom drop center, "LS" denotes long side.

### Disc Positions



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