

**DUPLEX® DISC WHEELS AND
DUPLEX® DEMOUNTABLE RIMS**



DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

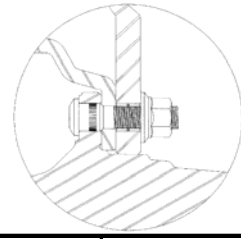
ACCURIDE
WHEELS

ACCURIDE 15° TUBELESS DUPLEX® DISC WHEELS



Aluminum Hub-Piloted Mounting⁽²⁾ Two-Piece Flange Nut

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

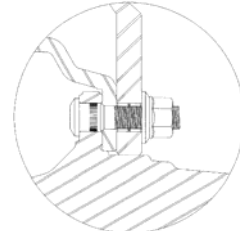


Item	Wheel Size	Part Number	Polish Option (Typical Application)	Inset ⁽⁴⁾	Outset ⁽⁴⁾	Disc Thickness	Installed Valve ⁽³⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
1	22.5 x 12.25	29378ANP 29378AOP	Machined Outside (Rear)	0.56"	0.56"	1.120"	TR543E	66	11400 – 120
2	22.5 x 12.25	29683ANP 29683AOP	Machined Outside (Front)	2.88"	4.00"	1.125"	TR545E	66	11400 – 125
3	22.5 x 12.25 ⁽¹⁾	29374ANP 29374AOP	Machined Outside (Front)	4.75"	5.87"	1.125"	TR545E	70	11000 – 131
4	22.5 x 13.00	29380ANP 29380AOP	Machined Outside (Rear)	0.56"	0.56"	1.120"	TR543E	68	12300 – 120
5	22.5 x 13.00	29376ANP 29376AOP	Machined Outside (Front)	5.25"	6.37"	1.125"	TR545E	73	11000 – 120
6	22.5 x 14.00	40016ANP 40016AOP	Machined Outside (Rear)	0.56"	0.56"	1.120"	TR543E	71	12800 – 130
7	22.5 x 14.00 ⁽¹⁾	29660ANP 29660AOP	Machined Outside (Rear)	0.88"	2.00" ⁽⁵⁾	1.125"	TR543E	70	12800 – 131
8	22.5 x 13.00	40036ANP 40036AOP	Machined Outside (Front)	2.38"	3.51"	1.125"	TR545E	67	13000 – 131



Steel Hub-Piloted Mounting⁽²⁾ Two-Piece Flange Nut

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



Item	Wheel Size	Part Number	Inset ⁽⁴⁾	Outset ⁽⁴⁾	Hand Holes	Disc Position	Recommended Valve ⁽⁶⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
9	22.5 x 12.25	29805	---	0.63"	5	2	TR574-24E	119	11500 – 125
10	22.5 x 12.25	29806	4.00"	4.63"	5	1	TR500	119	11500 – 125
11	22.5 x 12.25	29807	4.75"	5.38"	5	1	TR574-24E	119	11500 – 125
12	22.5 x 12.25	50165	5.25"	5.88"	5	1	TR574-24E	119	11500 – 125
13	22.5 x 12.25	29808	5.75"	6.38"	5	1	TR574-24E	119	11500 – 125
14	22.5 x 13.00	29809TK ⁽⁹⁾	---	0.63"	5	2	TR574-26E	132	11000 – 110
15	22.5 x 13.00	29810TK ⁽⁹⁾	2.62"	3.25"	5	2	TR500	129	11000 – 110
16	22.5 x 13.00	29811TK ⁽⁹⁾	4.32"	4.95"	5	1	TR574-26E	132	11000 – 110
17	22.5 x 13.00	29812TK ⁽⁹⁾	5.25"	5.88"	5	1	TR574-26E	132	11000 – 110
18	22.5 x 13.00	29058 ⁽⁷⁾	5.25"	5.88"	0 ⁽⁸⁾	1	TR574-26E	153	13000 – 130
19	22.5 x 14.00	29891TK ⁽⁹⁾	0.63"	0.00"	5	2	TR500	132	12800 – 125
20	22.5 x 14.00	29627	1.38"	2.00" ⁽⁵⁾	5	2	TR573	127	12800 – 125

(1) Available with ACCU-SHIELD.

(2) 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.

(3) Aluminum Duplex wheels come with valve installed.

(4) 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.

(5) 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.

(6) The valve shown is for the inset position.

(7) Rim flanges are reinforced.

(8) Wheel disc has small valve access hole.

(9) TK - Product has liquid topcoat over epoxy black e-coat.

ACCURIDE 15° TUBELESS DUPLEX® DISC WHEELS

Steel Stud-Piloted Mounting⁽¹⁾ Outer Cap Nut

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

Item	Wheel Size	Part Number	Inset ⁽³⁾	Outset ⁽³⁾	Hand Holes	Disc Position	Recommended Valve ⁽²⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
1	22.5 x 12.25	29814TK ⁽¹¹⁾	---	0.63"	2	2	TR574-26E	129	10000 – 105 ⁽⁶⁾
2	22.5 x 12.25	29815TK ⁽¹¹⁾	4.00"	4.63"	2	1	TR500	129	10500 – 120 ⁽⁶⁾
3	22.5 x 12.25	29816TK ⁽¹¹⁾	4.75"	5.38"	2	1	TR574-26E	129	10000 – 105 ⁽⁶⁾
4	22.5 x 12.25	29817TK ⁽¹¹⁾	5.75"	6.38"	2	1	TR574-26E	126	10000 – 105 ⁽⁶⁾
5	22.5 x 13.00	29818TK ⁽¹¹⁾	---	0.63"	2	2	TR574-26E	132	10000 – 105
6	22.5 x 13.00	29819TK ⁽¹¹⁾	2.62"	3.25"	2	2	TR500	132	10000 – 105
7	22.5 x 13.00	29820TK ⁽¹¹⁾	4.32"	4.95"	2	1	TR574-26E	132	10500 – 120
8	22.5 x 13.00	28684	5.25"	5.88"	0 ⁽⁴⁾	3	TR501 ⁽⁵⁾	135	10250 – 110

Heavy Duty (HD) Stud-Piloted Mounting⁽⁷⁾ Heavy Duty Outer Cap Nut

**10-Hole, 13⅜" Heavy Duty Bolt Circle
10.69" Bore, .625" Disc**

Item	Wheel Size	Part Number	Inset ⁽³⁾	Outset ⁽⁸⁾	Hand Holes	Disc Position	Recommended Valve ⁽²⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
9	22.5 x 13.00	28465	6.12"	---	0	3	TR570 ⁽¹⁰⁾	133	10210 – 110
10	22.5 x 13.00	28572 ⁽⁹⁾	6.12"	---	0	3	TR570 ⁽¹⁰⁾	154	12500 – 125

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

(2) The valve shown is for the inset position.

(3) 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.

(4) Wheel disc has small valve access hole.

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

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

(7) 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.

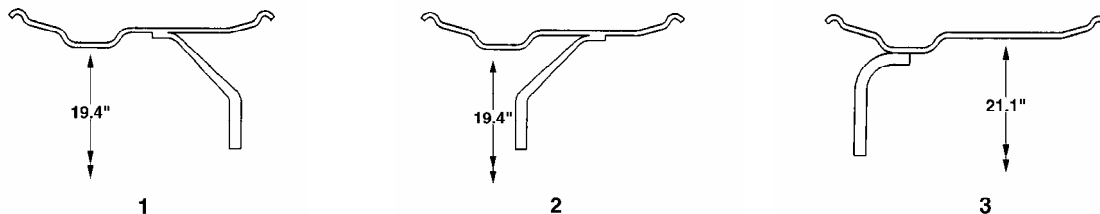
(8) The wheel must only be installed in the inset position because bolt chamfers are only on one side of the disc.

(9) Rim flanges are reinforced.

(10) The valve may require some bending (approx. 26°) to clear the disc and allow the valve to seal properly.

(11) TK - Product has liquid topcoat over epoxy black e-coat.

Disc Positions

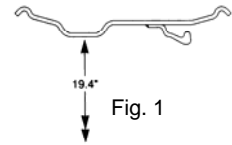


ACCURIDE 15° TUBELESS DUPLEX® DEMOUNTABLE RIMS

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



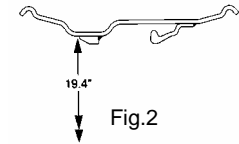
Duplex® Demountable Rims for Front Applications



Item	Rim Size	Part Number ⁽¹⁾	Rim Offset ⁽²⁾	Mounting Ring	Recommended Valve ⁽³⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)	Valve Hole Location ⁽⁴⁾
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
4	22.5 x 13.00	32201TK ⁽⁵⁾	3.94"	Fig.1	TR574E13	103	10000 – 105	LS
5	22.5 x 13.00	32202TK ⁽⁵⁾	5.62"	Fig.1	TR574E13	103	10000 – 105	LS



Duplex® Demountable Rims for Rear Applications



Item	Rim Size	Part Number	Rim Offset ⁽⁶⁾	Mounting Ring/Band Position	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)	Valve Hole Location ⁽⁴⁾
6	22.5 x 12.25	31658	0.38"	Fig. 2	TR501	102	10500 – 115	LS
7	22.5 x 13.00	31659	0.00"	Fig. 2	TR501	106	10500 – 110	LS
8	22.5 x 13.00	28551	2.75"	Fig. 2	TR575	125	10500 – 110	BDC

⁽¹⁾ Requires a six spoke cast spoke wheel.

⁽²⁾ Rim offset is defined as the lateral distance from the rim centerline to the face of the mounting ring.

⁽³⁾ The valve listed places the end of the valve near the mounting ring clamping face. Shorter valves TR501 or TR500 may be used.

⁽⁴⁾ "BDC" denotes bottom drop center, "LS" denotes long side.

⁽⁵⁾ TK – Product has liquid topcoat over epoxy black e-coat.

⁽⁶⁾ Reference chart on page 47 for change in dual track. This distance either increases or decreases the vehicle track depending on the way the rim is assembled on the vehicle. If spacer width replaced is not 4", a new clamp size will be required.