

Dura-Bright® Wheel Specifications

Alcoa aluminum disc wheel mounting dimensions are consistent with SAE Recommended Practice J694, August '98. Part numbers listed below are for Dura-Bright® buff-finish wheels. For brushed-finish Dura-Bright® wheels, part number should end in "7" instead of "4." Dura-Bright® wheels are finished both sides. To protect the surface of Dura-Bright® wheels used in dual applications, Alcoa recommends the use of Alcoa DiscMate™ wheel spacers.

Dura-Bright® finished wheels currently available are listed below. Other wheel part numbers may be available upon request. Contact your Alcoa sales representative for availability.

CLASSIC TUBELESS WHEELS (round hand holes) - ENGLISH UNITS

Wheel description	Maximum wheel load ¹ in lbs.	Wheel wt. lbs.	Outset inches ²	Inset inches	Maximum inflation PSI - cold	Valve stem	Part number ²	DiscMate™	Stabilizer	Front outer cap nuts	Rear inner cap nuts AI/AI	Rear inner cap nuts AI/ST	Rear outer cap nuts	Lug nut covers	Hub cover system kits front/rear
10-hole, stud located ball seat mounting – 11.25 in. bolt circle, 8.73 in. hub bore, 1.219 in. bolt hole diameter															
22.5x7.50-15"DC	7200	53	6.28	5.32	120	TR545D	873104	3/4" - 016000 1-1/8" - 017000	2225	3/4" Stud 5995 L&R 1-1/8" Stud 5996 L&R	5988 L&R	7896 L&R	5996 L&R	150	Front - 076015 Rear - 077015
22.5x8.25-15"DC	7200	53	6.66	5.68	120	TR545D	883114	3/4" - 016000 1-1/8" - 017000	2225	3/4" Stud 5995 L&R 1-1/8" Stud 5996 L&R	5988 L&R	7896 L&R	5996 L&R	150	Front - 076015 Rear - 077015
22.5x9.00-15"DC	9000	60	6.94	5.94	130	TR543C	893004	3/4" - 016000 1-1/8" - 017000	2127	3/4" Stud 5995 L&R 1-1/8" Stud 5996 L&R	5988 L&R	7896 L&R	5996 L&R	150	Front - 076015 Rear - 077015
8-hole, hub piloted mounting – 275mm bolt circle, 221.1mm hub bore, 26.75mm bolt hole diameter (use two-piece flange nuts)															
22.5x7.50-15"DC	7300	53	6.28	5.44	120	TR545D	873404	014000	2225	39874	—	—	39874	181	—
10-hole, hub piloted mounting – 285.75mm bolt circle, 220.1mm hub bore, 26.75mm bolt hole diameter (use two-piece flange nuts)															
22.5x7.50-15"DC	7300	53	6.28	5.44	120	TR545D	873604	011000	2225	39874	—	—	39874	181	Front - 076018 or 076085‡ Rear - 077018 or 077085‡
22.5x8.25-15"DC	7300	47	6.66	5.81	120	TR545D	883624**	011000	2227	39874	—	—	39874	181	Front - 076018 or 076085‡ Rear - 077018 or 077085‡
22.5x9.00-15"DC	9000	60	6.94	6.04	130	TR543C	893604	011000	2127	39874	—	—	39874	181	Front - 076018 or 076085‡ Rear - 077018 or 077085‡
24.5x8.25-15"DC	7300	55	6.60	5.73	120	TR545D	983624**	011000	2247	39874	—	—	39874	181	Front - 076018 or 076085‡ Rear - 077018 or 077085‡
10-hole, hub piloted bus mounting – 11.25 in. bolt circle, 8.670 in. hub bore, 1.219 in. bolt hole diameter (use two-piece flange nuts)															
22.5x8.25-15"DC	7300	53	6.66	5.82	120	TR545D	883614	015000	2225	—	—	—	—	1821	—
22.5x9.00-15"DC	9000	59	6.94	6.04	130	TR543C	893614	015000	2127	—	—	—	—	1821	—
24.5x8.25-15"DC	7300	62	6.60	5.77	120	TR545D	983614	015000	2245	—	—	—	—	1821	—

CLASSIC TUBELESS WHEELS (round hand holes) – ENGLISH UNITS (METRIC UNITS)

Wheel description	Maximum wheel load ¹ in lbs. (kgs)	Wheel wt. lbs. (kgs)	Outset inches ² (mm)	Inset inches (mm)	Maximum inflation PSI-cold (Kpa)	Valve stem	Part number ²	DiscMate™	Stabilizer	Front outer cap nuts	Rear inner cap nuts AI/AI	Rear inner cap nuts AI/ST	Rear outer cap nuts	Lug nut covers	Hub cover system kits front/rear
10-hole, hub piloted mounting – 335mm bolt circle, 281.2mm hub bore, 26.75mm bolt hole diameter (use two-piece flange nuts)															
22.5x8.25-15"DC (26mm)	7830* (3550)	55.1 (25.0)	6.60 (168)	5.70 (145)	138 (952)	60MS27	885534†	013000	—	39874	—	—	39874	181	—
22.5x9.00-15"DC (26mm)	8820* (4000)	58.0 (26.3)	6.93 (176)	6.02 (153)	142 (978)	60MS27	894534†	013000	—	39874	—	—	39874	181	—
10-hole, hub piloted mounting – 335mm bolt circle, 281.2mm hub bore, 32.87mm bolt hole diameter (use two-piece flange nuts)															
22.5x8.25-15"DC (32mm)	7830* (3550)	55.1 (25.0)	6.60 (168)	5.70 (145)	138 (952)	60MS27	885554†	018000	—	430632	—	—	430732	—	—
22.5x9.00-15"DC (32mm)	8820* (4000)	57.1 (25.9)	6.93 (176)	6.02 (153)	142 (978)	60MS27	894554†	018000	—	430632	—	—	430732	—	—

Do not exceed maximum wheel load. Customer must compare OEM vehicle load rating to maximum wheel load rating. Do not overinflate. Refer to tire manufacturer's recommendation for proper tire pressure. Before mounting the tire, perform a wheel fitment check to ensure proper clearance from any obstructions. Valve hole is on the inside unless noted otherwise.

¹ Capacity ratings as dual or single in highway service – bias-ply or radial. *Load ratings in lbs. are rounded to nearest multiple of 5.

² Some wheels may bear part numbers not shown in this manual. Before servicing these wheels, contact your Alcoa wheel representative for proper load, inflation and part compatibility information.

³ Outset (positive)/inset (negative) – The distance from the rim centerline to the mounting face of wheel. Inset (negative) places the rim centerline inboard of the wheel mounting face, and outset (positive) places the rim centerline outboard of the wheel mounting face (1/2 dual spacing = offset).

** The lighter-weight Alcoa New Generation wheels.

† Indicates European Mount New Generation wheel for North American market.

‡ Hub cover system kits P/N 076085 (front) and P/N 077085 (rear) contain screw-on Hug-a-lug® nut covers and require a minimum of four threads of the stud to extend above the tightened cap nut for use.

Detailed care and maintenance instructions for Dura-Bright® finished wheels are available in the Alcoa Dura-Bright® Wheel Finish Care and Maintenance publication by Alcoa. For your free copy, contact Alcoa Wheel Products, 1600 Harvard Avenue, Cleveland, OH 44105, (800) 242-9898.

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