



HEAVY DUTY 22.5" & Above Wheel Diameter

2020 Product Specification Guide – HEAVY DUTY
22.5" & Above Wheel Diameter



	Bolt Holes, Bolt Circle, Hub Bore	Size (in)	P/N	Replaces P/N	Approx. Weight (lbs)	Finish Options	SURFACE TREATMENT OPTIONS				Bolt Hole Diameter	OFFSET		LOAD RATING		Valve Stem	ALCOA® ACCESSORY PRODUCTS		
							Dura-Black™	Dura-Bright®	Dura-Flange®	Dura-Bright® Dura-Flange®		Outset (in)	Inset (in)	Max Load (lbs)	Max Cold Infl. (psi)		Front Hub Cover (Includes Nut Covers Where Applicable)	Rear Hub Cover (Includes Nut Covers Where Applicable)	Nut Cover Only (Not Intended to Secure Hub Covers)
BALL SEAT	10 Holes 11.25" Bolt Circle 8.72" Bore	22.5 x 8.25	88311x	88310x, 88300x	52	7		3DB			1.18"	6.66	5.68	7200	130	TR555D	076100 (requires 10pcs 001551 and 1pc 000500)	077100 (requires 10pcs 001551 and 1pc 000500)	001501
		22.5 x 12.25	82305x		64	7					1.18"	3.88	N/A	11400	130	TR553E	N/A	077100 (requires 10pcs 001551 and 1pc 000500)	001501
		22.5 x 12.25	82306x	82306xA	69	7					1.18"	N/A	4.68	11000	130	TR555E	076100 (requires 10pcs 001551 and 1pc 000500)	N/A	001501
		24.5 x 8.25	98312x	98310x	59	7					1.18"	6.60	5.59	7200	130	TR555D	076100 (requires 10pcs 001551 and 1pc 000500)	077100 (requires 10pcs 001551 and 1pc 000500)	001501
HUB PILOT	8 Holes 275mm Bolt Circle 221.1mm Bore	22.5 x 7.5	87340x		53	7					26mm	6.28	5.44	7300	130	TR555D	082122 ^{1 2} (33mm kit)	082133 ^{1 2} (33mm kit)	001811
	10 Holes 11.25" Bolt Circle 8.67" Bore	22.5 x 8.25	88361x		53	3, 7		0DB, 3DB		3DD	1.18"	6.66	5.81	7300	130	TR555D	N/A	N/A	001821
	10 Holes 285.75mm Bolt Circle 220.1mm Bore	22.5 x 7.5	87360x		53	7					26mm	6.28	5.44	7300	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	ULT39x	ULTRAx	39	1, 2, 7	BLK	0DB, 1DB, 2DB			26mm	6.60	5.81	7400	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	88267x	88367x, 88364x, 88362x	42	1, 2, 3, 7		0DB, 1DB, 2DB, 3DB	1DF, 2DF, 7DF	1DD, 2DD, 3DD	26mm	6.60	5.80	7400	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	88U67x ³		45	1, 2, 3, 7	BLK	1DB, 2DB, 3DB			26mm	6.60	5.81	7400	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	88U68x ⁴		44	1, 2, 7	BLK	1DB, 2DB, 3DB			26mm	6.60	5.81	7400	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	88U69x ⁴		45	1, 2, 7		1DB, 2DB			26mm	6.60	5.81	7400	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 8.25	88565x	88567x, 88560x	50	1, 2, 7		0DB, 1DB, 2DB	7DF		26mm	6.60	5.71	8050	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 9	89U63x ⁰	89365x, 89363x	48	1, 7		1DB			26mm	N/A	3.12	10000	130	TR555E	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 9	89U64x	89465x, 89464x, 89364x	56	1, 2, 3, 7	BLK	0DB, 1DB, 2DB, 3DB		3DD	26mm	6.94	5.99	10000	130	TR554D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		22.5 x 10.5	80360x		68	1		1DB			26mm	N/A	5.50	10500	130	TR553	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 12.25	82262x ⁰	82360x	60	2, 7		2DB			26mm	0.56	N/A	12300	130	TR553E	N/A	077188, 077185 ¹ , 089100S	001811
		22.5 x 12.25	82362x	82365x	62	2, 7	2BLK	2DB			26mm	3.88	N/A	12300	130	TR553E	N/A	077188, 077185 ¹ , 089100S	001811
		22.5 x 12.25	82462x ⁰	82364x, 82366xA	66	1, 8	1BLK	1DB			26mm	N/A	2.75	12300	130	TR555E	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 12.25	82462x ⁰	82364x, 82366xA	66	1, 7	BLK	1DB			26mm	N/A	4.68	12300	130	TR552	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 13	83U65x	83365	63	2, 7		2DB			26mm	3.50	N/A	13000	130	TR553E	N/A	077188, 077185 ¹ , 089100S	001811
		22.5 x 13	83U65x	83365	63	1, 8		1DB			26mm	N/A	2.38	13000	130	TR555E	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 13	83462x ⁰	83364x, 83366xA	71	1, 7		1DB			26mm	N/A	5.30	12800	130	TR552	076188, 076185 ¹ , 088100S	N/A	001811
		22.5 x 14	84U60x	84360x, 84060x, 84267x	52	8		1DB			26mm	0.98	N/A	12800	130	TR555E	N/A	077188, 077185 ¹ , 089100S	001811
		22.5 x 14	84U60x	84360x, 84060x, 84267x	52	2, 7		0DB, 2DB	7DF	2DD	26mm	N/A	0	12800	130	TR553E	N/A	077188, 077185 ¹ , 089100S	001811
		22.5 x 14	84U62x ⁰	84362x, 84062x, 84167x	52	2, 7		2DB			26mm	2.00	N/A	12800	130	TR553E	N/A	077188, 077185 ¹ , 089100S	001811
		24.5 x 8.25	98U63x	98363x, 98367x, 98364x	51	1, 2, 7	BLK	0DB, 1DB, 2DB	7DF		26mm	6.60	5.77	7400	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		24.5 x 8.25	98U67x ³		55	1, 2, 3, 7	BLK	1DB, 2DB, 3DB			26mm	6.60	5.73	7300	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		24.5 x 8.25	98U68x ⁴		54	1, 2, 7	BLK	1DB, 2DB, 3DB			26mm	6.60	5.73	7300	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		24.5 x 8.25	98U69x ⁴		55	1, 2, 7		1DB, 2DB			26mm	6.60	5.73	7300	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
		24.5 x 8.25	98565x	98567x, 98560x	62	1, 2, 7		0DB, 1DB, 2DB	7DF		26mm	6.60	5.61	8300	130	TR555D	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811
	10 Holes 335mm Bolt Circle 281.2mm Bore	22.5 x 8.25	88651x	88555x, 88455x	50	3, 7		0DB, 3DB	7DF	0DD, 3DD	32mm	6.60	5.75	8050	130	70MS7	N/A	N/A	N/A
		22.5 x 8.25	88652x	88557x, 88456x	50	0, 3, 7		0DB, 3DB	0DF, 7DF	3DD	26mm	6.60	5.75	8050	130	70MS7	N/A	N/A	001811
		22.5 x 9	89651x	89555x, 89455x	51	7		3DB			32mm	6.93	6.08	9090	130	70MS7	N/A	N/A	N/A
		22.5 x 9	89652x	89553x, 89453x	51	0, 3, 7		3DB			26mm	6.93	6.08	9090	130	70MS7	N/A	N/A	001811
		22.5 x 13	83358x ⁰	83357xA	76	1, 7		0DB, 1DB			26mm	N/A	6.12	12800	130	TR553	005811	N/A	001811
		24.5 x 8.25	98350x		63	7					26mm	6.79	5.81	8500	132	TR554D	N/A	N/A	001811

SURFACE OPTIONS CODES

- 1 Mirror Polish - outside only
- 2 Mirror Polish - inside only
- 3 Mirror Polish - both sides
- 7 High Polish - both sides as applicable
- 8 High Polish - both sides as applicable
Reference data table for offset position
- 9 Brush Finish - both sides as applicable
Reference data table for offset position
- 0 Brush Finish - both sides as applicable
- DB Dura-Bright® Surface Treatment
- DF Dura-Flange® Wear Protection
- DD Dura-Bright® and Dura-Flange® Wear Protection
- BLK Dura-Black™ Surface Treatment

ADDITIONAL INFORMATION

- Alcoa® Dura-Bright® Wheels shine without polishing. Just wash with soap and water.
- Do not polish or clean Dura-Black™ or Dura-Bright® Wheels with abrasives. Do not clean any Alcoa wheels with abrasives.
- Do not exceed maximum wheel load. Customer must compare OEM vehicle load rating to maximum wheel load rating.
- Do not over-inflate. Refer to tire manufacturer's recommendation for proper tire pressure.
- Before mounting the tire, perform a wheel fitment check to ensure proper clearance from obstructions.
- Some wheels may bear part numbers not shown in this Spec Guide. Before servicing these wheels, contact your representative for Alcoa wheels for proper load, inflation and part compatibility.
- Outset (positive) / inset (negative) - The distance from the rim centerline to the mounting face of the wheel. Inset (negative) places the rim centerline inboard of the mounting face and outset (positive) places the rim centerline outboard of the wheel mounting face. (Outset is also half dual space for dual wheels.)
- Check with vehicle manufacturer or axle manufacturer before retrofitting to outset wide base wheels to ensure compatibility with axle and wheel end components. P/N 84U62x is not recommended for use on N-Spindle trailer axles.
- To obtain information about free training on proper installation and maintenance procedures, contact Arconic Wheel and Transportation Products at (800) 242-9898 or on the web at alcoawheels.com.
- For details on accessories, see Accessory Products Catalog for Alcoa wheels
- Always perform a fitment check to ensure accessories are secure before operating vehicle.

⁰ 0 and 7 finish options are determined by inset or outset mounting positions and may not be finished on both sides. See chart for position and available finish options.
¹ Hub cover system kits with part numbers 076185 (front), 077185 (rear), 082122 (front), and 082133 (rear) contain screw-on Hug-A-Lug® nut covers and require a minimum of four (4) threads of the stud to extend above the tightened cap nut for use. Six (6) threads are recommended.

² 082012 (30mm kit Front and Rear).
³ OEM exclusive. Purchase through Peterbilt dealer only.
⁴ OEM exclusive. Purchase through Kenworth dealer only.

Arconic Wheel & Transportation Products

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2020 Product Specification Guide – MEDIUM DUTY
19.5" & Below Wheel Diameter



MEDIUM DUTY
19.5" & Below Wheel Diameter

	Size (in)	P/N	Replaces P/N	Approx. Weight (lbs)	Finish Options	Dura-Bright® Surface Treatment Options	Mounting System				Offset		Load Rating		Valve Stem	Alcoa® Accessory Products			
							Bolt Holes	Bolt Circle	Bolt Hole Diameter	Hub Bore	Outset	Inset	Max Load (lbs)	Max Cold Infl. (psi)		Front Hub Cover (Includes Nut Covers Where Applicable)	Rear Hub Cover (Includes Nut Covers Where Applicable)	Nut Cover Only (Not Intended to Secure Hub Covers)	Alcoa® Mounting Hardware Kits
Ball Seat	17.5 x 6.75	66307x		31	2, 7		10	8.75"	1.22"	6.50"	5.55"	4.72"	5070	125	TR553C	N/A	N/A	001501	N/A
Cone Seat	16 x 7	16704x		21	1		8	6.5"	0.62"	5.16"	N/A	0.25"	3750	110	TR416S	003167, 004167	003167, 004167	000078	N/A
Hub Pilot	16 x 5.5J	25180x	25080x	16	0, 1, 2	1DB, 2DB	6	205mm	16mm	161.1mm	4.94"	4.58"	2340	80	54MS00	021135	022135	000135	See OEM
	16 x 6K	16021x		19	1, 2	1DB, 2DB	8	6.5"	0.67"	4.60"	5.15"	4.59"	2780	95	TR553	003611	003612	019001	139698
	16 x 6K	16028x	16024x	20	1, 2	1DB, 2DB	8	6.5"	0.67"	4.88"	5.4"	4.84"	2780	95	TR553	001611, 001681	001612	019001	139987
	17.5 x 6	66480x	66422x	26	1, 7		6	205mm	21mm	160.3mm	5.0"	4.3"	4000	130	TR554C	N/A	N/A	N/A	N/A
	17.5 x 6.75	66140x		30	1	1DB	8	6.5"	0.68"	4.77"	N/A	0"	6050	130	TR552	001611, 001612 or 001681	001611, 001612 or 001681	019001	139987, 139698
	17.5 x 6.75	66348x	66347x	27	2, 7	0DB, 2DB	8	275mm	24mm	221.1mm	5.55"	4.85"	5510	130	TR553C	082122 ¹ ² (33mm kit)	082133 ¹ ² (33mm kit)	001811	N/A
																140233A (Stainless 33mm)	109176A (Stainless 33mm)		
	19.5 x 6	76329x	76320x	26	1, 2, 7	1DB, 2DB	10	225mm	15mm	170.2mm	5.35"	4.82"	4000	130	TR553C	001004, 001006	001005, 001007	N/A	See OEM
	19.5 x 6	76380x		33	1, 2		8	225mm	15mm	170.3mm	5.35"	4.65"	3750	110	TR553C	N/A	N/A	N/A	N/A
	19.5 x 6.75RW	76542x	76449x	30	1, 2, 7	1DB, 2DB	8	275mm	26mm	221.1mm	5.55"	4.84"	5000	130	TR553C	082122 ¹ ² (33mm kit)	082133 ¹ ² (33mm kit)	001811	See OEM
																140233A (Stainless 33mm)	109176A (Stainless 33mm)		
	19.5 x 7.5RW	77349x	77340x	38	1, 7		8	275mm	24mm	221.1mm	6.1"	5.27"	6610	130	TR553C	082122 ¹ ² (33mm kit)	082133 ¹ ² (33mm kit)	001811	See OEM
																140233A (Stainless 33mm)	109176A (Stainless 33mm)		
	19.5 x 7.5RW	77362x	77360x	38	1, 2, 7	1DB, 2DB	10	285.75mm	26mm	220.1mm	6.1"	5.23"	6700	130	TR553C	076188, 076185 ¹ , 088100S	077188, 077185 ¹ , 089100S	001811	See OEM

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