



Alcoa Dura-Bright® Wheels



Stays Cleaner Longer.



Cleans Easily With Soap and Water.



Lowers Operating Costs and Maintenance.

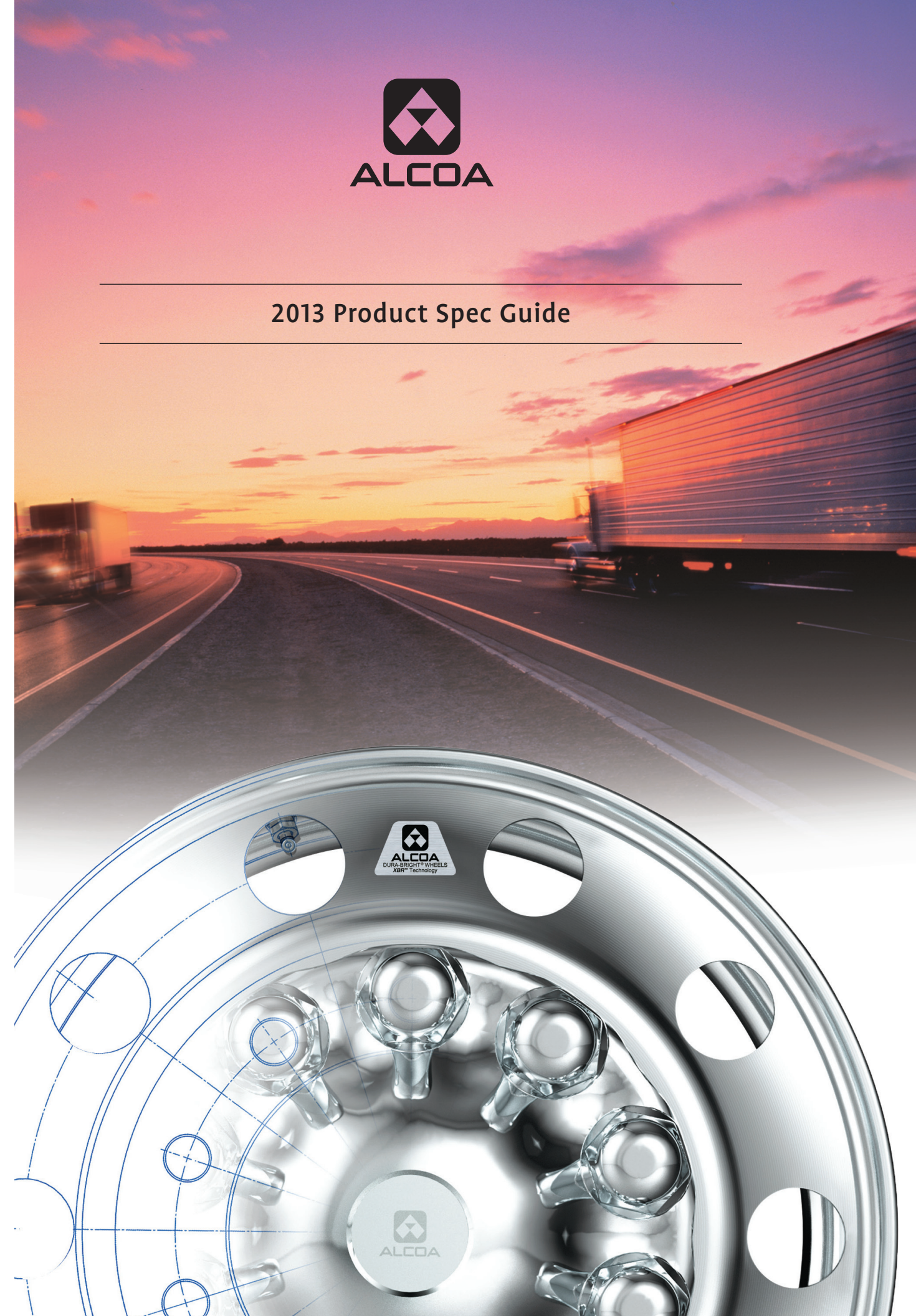


Increases Vehicle Resale Value.

If you thought an everlasting wheel shine meant high maintenance, think again. Discover the no-polish, easy-maintenance way to bright, shiny wheels that stay that way. Dura-Bright® wheels by Alcoa.



2013 Product Spec Guide



WHEEL SPECIFICATIONS

Alcoa aluminum disc wheel mounting dimensions are consistent with SAE J694 or ISO 4107 as applicable. The finish for Alcoa wheels is specified by replacing the 6th digit "x" shown in the part number with the appropriate finish option. Finishes are defined as:

- 0 - Brushed finish both sides as applicable*
- 1 - Polished outside only
- 2 - Polished inside only (same side as roll stamp)
- 3 - Polished both sides
- 7 - LVL ONE® finish on both sides as applicable*
- 8 - LVL ONE® finish in the inset position of a wide base wheel
- 9 - Brushed finish in the inset position of a wide base wheel

*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.

Dura-Bright® Wheels are identified by adding "DB" at the end of the regular part number.

Dura-Flange® Wear Protection Wheels are identified by adding "DF" at the end of the regular part number.

The Dura-Bright® and Dura-Flange® Wear Protection options together are identified by the "DD" suffix.

The only finishes available for each part number are defined in the Finish Options column.

- Dura-Bright® Wheels shine without polishing. Just wash with soap and water, do not polish or clean with abrasives.
- 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 obstructions.
- Capacity ratings as dual or single in highway service.
- Some wheels may bear part numbers not shown in this Spec Guide. Before servicing these wheels, contact your Alcoa wheel representative 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/Ns 84147x and 84062x are not recommended for use on N-Spindle trailer axles.
- P/Ns 88567x and 98567x are Alcoa Severe Service™ Wheels.
- To obtain information about free training on proper installation and maintenance procedures, contact Alcoa Wheel Products at (800) 242-9898 or on the web at www.alcoawheels.com.
- For details on accessories, see Alcoa Accessory Products Catalog.

Driving Your Bottom Line.™



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*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.

*Hub cover system kits P/N 076185 (front) and P/N 077185 (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.

				FINISH OPTION CODES				MOUNTING SYSTEM				OFFSET		LOAD RATING		Approximate Wgt (lbs)	Valve Stem	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)
	Size	P/N	Replaces P/N	Finish options	DB options	DF options	DB & DF options	Bolt Holes	Bolt Circle	Bolt Hole Diameter	Bore	Outset	Inset	Max Load (lbs)	Max Infl (psi)					
HEAVY DUTY																				
Ball Seat	22.5x8.25	88311x	88310x, 88300x	0,1,2	0DB,1DB,2DB			10	11.25	1.18	8.722	6.66	5.68	7200	130	52	TR555D	076155	077155	001501
	22.5x9	89300x		0,1,2				10	11.25	1.18	8.722	6.94	5.93	9000	130	61	TR554D	076155	077155	001501
	24.5x8.25	98312x	98310x	0,1,2				10	11.25	1.18	8.722	6.60	5.59	7200	130	59	TR555D	076155	077155	001501
Hub Pilot	22.5x7.5	87340x		0,1,2				8	275mm	26mm	221.1mm	6.28	5.44	7300	120	53	TR555D	082122 (33mm kit)	082133 (33mm kit)	001811
																		† 140233A (Stainless 33mm)	† 109176A (Stainless 33mm)	
	22.5x8.25	88344x	88342x, 88341x	0,1,2				8	275mm	26mm	221.1mm	6.66	5.79	7400	130	49	TR554D	082122 (33mm kit)	082133 (33mm kit)	001811
																		† 140233A (Stainless 33mm)	† 109176A (Stainless 33mm)	
	24.5x8.25	98247x	98340x	7				8	275mm	26mm	221.1mm	6.60	5.73	7300	130	57	TR555D	082122 (33mm kit)	082133 (33mm kit)	001811
																		† 140233A (Stainless 33mm)	† 109176A (Stainless 33mm)	
	22.5x7.5	87360x		0,1,2	0DB,1DB,2DB			10	285.75mm	26mm	220.1mm	6.28	5.44	7300	120	53	TR555D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811
	22.5x8.25	88367x	88364x, 88362x	1,2,3,7	0DB,1DB,2DB,3DB	1DF,2DF,7DF	1DD,2DD,3DD	10	285.75mm	26mm	220.1mm	6.60	5.79	7400	130	45	TR554D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811
	22.5x8.25	88567x	88560x	0,1,2,7		0DF,1DF,2DF,7DF		10	285.75mm	26mm	220.1mm	6.60	5.75	8050	130	52	TR554D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811
	22.5x9	89363x*		1,7	0DB,1DB			10	285.75mm	26mm	220.1mm	N/A	3.12	10000	130	54	TR555E	N/A		001811
	22.5x9	89464x	89364x, 89360x	1,2,3,7	0DB,1DB,2DB,3DB	7DF	0DD,1DD,2DD,3DD	10	285.75mm	26mm	220.1mm	6.94	5.96	10000	130	62	TR554D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811
	24.5x8.25	98367x	98364x, 98362x	1,2,3,7	0DB,1DB,2DB,3DB	1DF,2DF,3DF,7DF		10	285.75mm	26mm	220.1mm	6.60	5.73	7850	130	56	TR555D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811
24.5x8.25	98567x	98560x	0,1,2,7		0DF,1DF,2DF,7DF		10	285.75mm	26mm	220.1mm	6.60	5.63	8300	130	64	TR555D	076188, 076185**, 086100S	077188, 077185**, 087100S	001811	
Bus Applications	22.5x8.25	88361x		0,3	0DB,3DB	0DF	0DD,3DD	10	11.25	1.18	8.673	6.66	5.81	7300	130	53	TR555D	N/A	N/A	001821
	24.5x8.25	98361x		0,3	0DB,3DB			10	11.25	1.18	8.673	6.60	5.76	7300	130	62	TR555D	N/A	N/A	001821
	22.5x8.25	88651x	88555x, 88455x	0,3	0DB,3DB	0DF,3DF	0DD,3DD	10	335mm	32mm	281.2mm	6.60	5.75	8050	130	50	70MS7	N/A	N/A	N/A
	22.5x8.25	88652x	88557x, 88456x	0,3	0DB,3DB	0DF,3DF	0DD,3DD	10	335mm	26mm	281.2mm	6.60	5.75	8050	130	50	70MS7	N/A	N/A	001811
	22.5x9	89651x	89555x, 89455x	0,3	0DB,3DB	0DF,3DF		10	335mm	32mm	281.2mm	6.93	6.08	9090	130	51	70MS7	N/A	N/A	N/A
	22.5x9	89652x	89553x, 89453x	0,3	0DB,3DB	0DF,3DF		10	335mm	26mm	281.2mm	6.93	6.08	9090	130	51	70MS7	N/A	N/A	001811
	24.5x8.25	98350x		0,3				10	335mm	26mm	281.2mm	6.79	5.81	8500	132	63	TR554D	N/A	N/A	001811
WIDE BASE																				
Ball Seat	22.5x12.25	82305x*		0,2				10	11.25	1.18	8.722	3.88	N/A	11400	130	64	TR553E	N/A	077155	001501
				1,9			10	11.25	1.18	8.722	N/A	2.75	11400	130	64	TR555E	076155	N/A		
	22.5x12.25	82306xA*	82406x, 82309x	0,1				10	11.25	1.18	8.722	N/A	4.68	11000	130	69	TR555E	076155	N/A	001501
Hub Pilot	22.5x14	84147x*	84140x	2,7				8	275mm	26mm	221.1mm	2.00	N/A	12800	130	63	TR553E		082133 (33mm kit) or 109176A (Stainless 33mm)	001811
	22.5x10.5	80360x*		1	1DB			10	285.75mm	26mm	220.1mm	N/A	5.50	10500	130	68	TR553	076188, 076185**, 086100S	N/A	001811
	22.5x12.25	82262x*	82360x	2,7				10	285.75mm	26mm	220.1mm	0.56	N/A	12300	130	60	TR553E	N/A	077188, 077185**, 087100S	001811
	22.5x12.25	82362x*	82365x	2,7	0DB,2DB	7DF		10	285.75mm	26mm	220.1mm	3.88	N/A	12300	130	62	TR553E	N/A	077188, 077185**, 087100S	001811
				1,8	1DB,9DB	8DF		10	285.75mm	26mm	220.1mm	N/A	2.75	12300	130	62	TR555E	076188, 076185**, 086100S	N/A	
	22.5x12.25	82462x*	82364x, 82366xA	1,7	0DB,1DB	7DF		10	285.75mm	26mm	220.1mm	N/A	4.68	12300	130	66	TR552	076188, 076185**, 086100S	N/A	001811
	22.5x13	83462x*	83364x, 83366xA	1,7				10	285.75mm	26mm	220.1mm	N/A	5.30	12800	130	71	TR552	076188, 076185**, 086100S	N/A	001811
	22.5x13	83365x*		0,2				10	285.75mm	26mm	220.1mm	3.50	N/A	12300	130	70	TR553E	N/A	077188, 077185**, 087100S	001811
				1,9				10	285.75mm	26mm	220.1mm	N/A	2.38	12300	130	70	TR555E	076188, 076185**, 086100S	N/A	
	22.5x14	84060x*	84267x, 84161x	1,8	1DB,9DB	8DF		10	285.75mm	26mm	220.1mm	1.0	N/A	12800	130	58	TR555E	N/A	077188, 077185**, 087100S	001811
				2,7	0DB,2DB	7DF		10	285.75mm	26mm	220.1mm	N/A	0	12800	130	58	TR555E			
22.5x14	84062x*	84167x, 84160x	2,7	0DB,2DB	7DF		10	285.75mm	26mm	220.1mm	2.00	N/A	12800	130	58	TR553E	N/A	077188, 077185**, 087100S	001811	
22.5x13	83358x*	83357xA	0,1				10	335mm	26mm	281.2mm	N/A	6.12	12800	130	76	TR553	5811	N/A	001811	
MEDIUM DUTY																				
Ball Seat	17.5x6.75	66307x		0,2				10	8.75	1.18	6.495	5.55	4.72	5070	125	31	TR553C	N/A	N/A	001501
	19.5x6	76332x		0,3	0DB			6	8.75	1.28	6.463	5.32	4.61	4190	123	34	TR553C	N/A	N/A	N/A
																		140233A(Stainless 33mm)	109176A (Stainless 33mm)	
Hub Pilot	16x5.5	25080x		0,1,2				6	205mm	16mm	161.1mm	4.94	4.55	2340	80	17	54MS00	† 021120	† 022120	000120
	17.5x6	66480x	66422x	0,1				6	205mm	21mm	160.3mm	5.00	4.30	4000	130	26	TR554C	N/A	N/A	N/A
	17.5x6.75	66140x*		1	1DB			8	6.5	0.68	4.77	N/A	0	6050	130	30	TR552	001611, 001612 or 001681	001611, 001612 or 001681	000190
	17.5x6.75	66347x		0,2				8	275mm	24mm	221.1mm	5.55	4.72	5510	130	30	TR553C	082122 (33mm kit)	082133 (33mm kit)	001811
	19.5x6RW	76140x		0,3	0DB			8	6.5	0.63	4.569	5.00	4.37	2540	90	29	TR554C	N/A	N/A	N/A
	19.5x6	76320x		0,1,2	0DB,1DB,2DB			10	225mm	15mm	170.2mm	5.35	4.65	4000	115	33	TR553C	N/A	N/A	N/A
	19.5x6	76380x		0,1,2				8	225mm	15mm	170.3mm	5.35	4.65	3750	110	33	TR553C	N/A	N/A	N/A
	19.5x6.75RW	76542x	76449x	0,1,2				8	275mm	26mm	221.1mm	5.55	4.84	5000	130	31	TR553C	082122 (33mm kit)	082133 (33mm kit)	001811
																		140233A(Stainless 33mm)	109176A (Stainless 33mm)	
																		† 082122 (33mm kit)	† 082133 (33mm kit)	
	19.5x6.75RW	76547x	76449x	0,3	0DB			8	275mm	24mm	221.1mm	5.55	4.84	5000	130	31	TR553C	140233A(Stainless 33mm)	109176A (Stainless 33mm)	
																		† 082122 (33mm kit)	† 082133 (33mm kit)	001811
19.5x7.5RW	77349x	77340x	0,3	0DB			8	275mm	24mm	221.1mm	6.10	5.27	6610	130	38	TR553C	† 082122 (33mm kit)	† 082133 (33mm kit)	001811	
																	140233A(Stainless 33mm)	109176A (Stainless 33mm)		
19.5x7.5RW	77362x	77360x	0,1,2				10	285.75mm	26mm	220.1mm	6.10	5.23	6700	130	38	TR553C	† 076188, 076185**, 086100S	† 077188, 077185**, 087100S	001811	