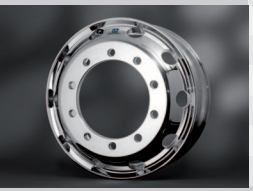
Specification Sheet Forged Aluminium Wheels

September 2011 English

ALCOA

	Wheel size	Part no. Brushed	Part no. Mirror Polished	Part no. Dura-Bright®	Part no. Dura-Flange®	Weight (kgs)	Max. load (kgs)	Offset (mm)	Half dual space (mm)	Disc thickness (mm)	Mounting holes diameter (mm)	Number of mounting holes	Diameter mounting hole circle (mm)	Diameter center bore (mm)	Dual Mounting	Valve	Replacement valve	Balancing weights
17.5" wheels																		
	For medium duty trucks																	
	17.5 x 6.75	661820	-	661827DB	-	13.3	2500	123	143	20.0	26	6	245	202	yes	40MS00N		adhesive and clip-on
	For low deck trailers																	
	17.5 x 6.00	-	663203*	-	-	12.6	2500	114	133	19.0	26	10	225	176	yes	TR543D	70MS60N	clip-on
	17.5 x 6.75	-	663823*	-	-	13.7	3000	117	137	20.0	26	10	225	176	yes	TR554C	70MS45N	clip-on
	* wheels suitable for drum brakes only, not for disc brake operated axles																	
19.5" wheels																		
	19.5 x 7.50	773470	773473	773473DB	773470DF	17.7	3000	134	155	21.0	24	8	275	221	yes	54MS00N		adhesive
	19.5 x 7.50	773460	773463	773463DB	-	17.7	3000	134	155	21.0	30	8	275	221	yes	54MS00N		adhesive
	19.5 x 7.50	773450	773453	773453DB	773450DF	17.7	3000	134	155	21.0	32	8	275	221	yes	54MS00N		adhesive
	19.5 x 8.25	783460	783463	783463DB	-	18.5	3150	146	167	21.0	30	8	275	221	yes	54MS00N		adhesive
	19.5 x 8.25	783450	783453	783453DB	783450DF	18.5	3150	146	167	21.0	32	8	275	221	yes	54MS00N		adhesive
22.5" wheels																		
	22.5 x 7.50	874520	874523	874523DB	-	23.7	3550	138	160	22.0	26	10	335	281	yes	70MS07N2		adhesive
	22.5 x 7.50	874510	874513	874513DB	-	23.7	3550	138	160	22.0	32	10	335	281	yes	70MS07N2		adhesive
	22.5 x 8.25	886520	886523	886523DB	886520DF	22.7	3650	145	167	22.0	26	10	335	281	yes	70MS07N2		adhesive
	22.5 x 8.25	886510	886513	886513DB	886510DF	22.7	3650	145	167	22.0	32	10	335	281	yes	70MS07N2		adhesive
	22.5 x 9.00	896520	896523	896523DB	896520DF	23.2	4125	154	176	22.0	26	10	335	281	yes	70MS07N2		adhesive
	22.5 x 9.00	896510	896513	896513DB	896510DF	23.2	4125	154	176	22.0	32	10	335	281	yes	70MS07N2		adhesive
WorkHorse®	**WorkHorse® wheels are without ventholes to protect disc brakes in off-road applications, but can also be used for on road vehicles. WorkHorse® wheels offer higher load rating.**																	
	22.5 x 8.25	886570	-	-	-	26.3	3835	145	167	22.0	32	10	335	281	yes	83MS00N		adhesive
	22.5 x 9.00	896570	-	-	-	26.7	4335	154	176	22.0	32	10	335	281	yes	83MS00N		adhesive
	22.5 x 11.75	818570	-	-	-	24.2	5000	120	-	25.3	32	10	335	281	no	40MS00N		adhesive and clip-on
	22.5 x 11.75	812580	-	-	-	27.3	5000	135	-	27.5	26	10	335	281	no	40MS00N		adhesive and clip-on

BEFORE MOUNTING ALCOA WHEELS, CONSULT THE ALCOA WHEEL SERVICE MANUAL

Dura-Bright® is a patented surface treatment which penetrates the aluminium, allowing easy cleaning with soap and water. Dura-Flange® is a patented treatment on the wheel rim that adds protection to the flange for a longer service life.

For technical information on part numbers that are not mentioned in the list, contact Alcoa.
Errors and omissions excluded.

Bolt	Hex nut	Bolt hole diameter	
		Longer studs	Sleeved nuts
M22 X 1.5	32 or 33 mm	Ø 26 mm	Ø 32 mm
7/8" - 11 BSF	33 mm	Ø 26 mm	Ø 32 mm
7/8" - 14 UNF	33 mm	Ø 26 mm	Ø 32 mm
M20 x 1.5	30 mm	Ø 24 mm	Ø 30 mm
M18 x 1.5	27 mm	Ø 21 mm	Ø 26 mm

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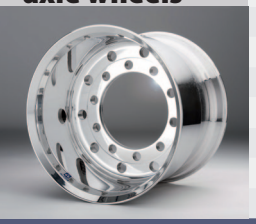
FrontRunner®

Trailer wheels

Wide base drive axle wheels



Wheel size	Part no. Brushed	Part no. Mirror Polished	Part no. Dura-Bright®	Part no. Dura-Flange®	Weight (kgs)	Max. load (kgs)	Offset (mm)	Half dual space (mm)	Disc thickness (mm)	Mounting holes diameter (mm)	Number of mounting holes	Diameter mounting hole circle (mm)	Diameter center bore (mm)	Dual Mounting	Valve	Replacement valve	Balancing weights
22.5" FrontRunner® wheels offset 120 mm - for Volvo, Renault, Mercedes-Benz & MAN																	
22.5 x 11.75	818520	818521	818521DB	818520DF	22.6	4500	120	-	24.7	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75	818510	818511	818511DB	818510DF	22.6	4500	120	-	24.7	32	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75*	819520	819521	819521DB	819520DF	23.6	5000	120	-	25.3	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5" FrontRunner® wheels offset 135 mm - for Scania, DAF, Iveco																	
22.5 x 11.75	811520	811521	811521DB	811520DF	23.4	4500	135	-	24.1	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75	811510	811511	811511DB	811510DF	23.4	4500	135	-	24.1	32	10	335	281	no	40MS00N		adhesive and clip-on
19.5" & 22.5" trailer wheels																	
19.5 x 14.00	-	743402	743402DB	-	23.6	4500	0	-	25.0	26	8	275	221	no	40MS00N		adhesive
22.5 x 11.75	812520	812522	812522DB	-	21.0	4750	0	-	21.0	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75	812510	812512	812512DB	-	21.0	4750	0	-	21.0	32	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75	818520	818521	818521DB	818520DF	22.6	4500	120	-	24.7	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75	818510	818511	818511DB	818510DF	22.6	4500	120	-	24.7	32	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 11.75*	819520	819521	819521DB	819520DF	23.6	5000	120	-	25.3	26	10	335	281	no	40MS00N		adhesive and clip-on
22.5 x 13.00	833530	833532	833532DB	-	27.3	5200	-14	-	28.0	26	10	335	281	no	40MS00N		adhesive
22.5 x 14.00	-	841512	-	-	30.7	5800	0	-	28.5	26	10	335	281	no	40MS00N		adhesive
22.5 x 15.00	-	850521	-	-	31.9	5150	120	-	28.5	26	10	335	281	no	TR552	40MS00N	adhesive and clip-on
Important: Only to be used on trucks equipped with tyre pressure monitoring system and electronic stability program (ESP).																	
22.5 x 17.00	-	840522	-	-	35.7	5800	-67	-	28.5	26	10	335	281	no	**		adhesive
22.5 x 17.00	-	840512	-	-	35.7	5800	-67	-	28.5	32	10	335	281	no	**		adhesive
22.5 x 17.00	-	842522	-	-	35.6	5800	-50	-	28.5	26	10	335	281	no	**		adhesive
22.5 x 17.00	-	842512	-	-	35.6	5800	-50	-	28.5	32	10	335	281	no	**		adhesive

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* Available from December 2011 ** Information upon request.

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Errors and omissions excluded.

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