



Specification Sheet

Forged Aluminium Alcoa® Wheels

04/2020 English

Wheel Size Part no Brushed Part no UL ONE® Part no Dura-Bright® Part no Dura-Flange® Part no Dura-Bright®/Dura-Flange® Weight (kgs) Max. Load (kgs) Offset (mm) Half dual space (mm) Disk thickness (mm) Mounting holes diameter (mm) Number of mounting holes Diameter mounting hole circle (mm) Diameter center bore (mm) Dual mounting Valve Balancing weights

17.5" wheels - for medium duty trucks

17.5 x 6.75	661820	-	661823DB	-	-	13.7	2500	123	143	20.0	26	6	245	202	yes	54MS00N	adhesive and clip-on
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17.5" wheels - for low deck trailers

17.5 x 6.00	-	663203*	-	-	-	12.7	2500	114	133	19.1	26	10	225	176	yes	TR543D**	adhesive and clip-on
17.5 x 6.75	-	663827	663823DB	-	-	13.9	3000	117	137	20.0	26	10	225	176	yes	TR554C	adhesive and clip-on

* only available in Mirror Polished

** Replacement Valve 70MS60N

19.5" wheels - for medium duty trucks and trailers

19.5 x 7.50	773470	773477	773473DB	-	-	18.0	3000	134	155	20.8	24	8	275	221	yes	54MS00N	adhesive
19.5 x 7.50	773460	773467	773463DB	-	-	17.9	3000	134	155	20.8	30	8	275	221	yes	54MS00N	adhesive
19.5 x 7.50	773450	773457	773453DB	773450DF	773453DD	17.8	3000	134	155	20.8	32	8	275	221	yes	54MS00N	adhesive
19.5 x 8.25	783460	783467	783463DB	-	-	18.7	3150	147	168	20.8	30	8	275	221	yes	54MS00N	adhesive
19.5 x 8.25	-	783457	783453DB	783450DF	783453DD	18.6	3150	147	168	20.8	32	8	275	221	yes	54MS00N	adhesive

22.5" wheels - for trucks, buses and trailers

22.5 x 7.50	875520	875527	875523DB	-	875523DD	24.0	3750	138	160	22.2	26	10	335	281	yes	70MS07N2	adhesive
22.5 x 7.50	875510	875517	875513DB	-	875513DD	23.8	3750	138	160	22.2	32	10	335	281	yes	70MS07N2	adhesive
22.5 x 8.25***	88U520	88U527	88U523DB	88U520DF	88U523DD	22.2	3750	148	168	19.5	26	10	335	281	yes	60MS00N	adhesive and clip-on
22.5 x 8.25***	88U510	88U517	88U513DB	88U510DF	88U513DD	22.1	3750	148	168	19.5	32	10	335	281	yes	60MS00N	adhesive and clip-on
22.5 x 9.00***	89U520	89U527	89U523DB	89U520DF	-	23.0	4250	156	176	20.5	26	10	335	281	yes	70MS07N2	adhesive and clip-on
22.5 x 9.00***	89U510	89U517	89U513DB	-	-	22.9	4250	156	176	20.5	32	10	335	281	yes	70MS07N2	adhesive and clip-on

*** Ultra ONE® with MagnaForce® alloy technology

Bolts & Nuts

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

BEFORE MOUNTING CONSULT THE SERVICE MANUAL FOR ALCOA® WHEELS

Dura-Bright® allows easy cleaning with soap and water.

Dura-Flange® is a treatment on the wheel rim that adds protection to the flange for a longer service life.

Ultra ONE® Alcoa® Wheels are our lightest and strongest wheels, using MagnaForce® alloy technology.

For technical information on part numbers, please contact Howmet Wheel Systems via contact page www.alcoawheelseurope.com.





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Wheel size	Part no Brushed	Part no Lvl. ONE®	Part no Dura-Bright®	Part no Dura-Flange®	Part no Dura-Bright® /Dura-Flange®	Weight (kgs)	Max. Load (kgs)	Offset (mm)	Half dual space (mm)	Disk thickness (mm)	Mounting holes diameter (mm)	Number of mounting holes	Diameter mounting hole circle (mm)	Diameter center bore (mm)	Dual mounting	Valve	Balancing weights
WorkHorse® - WorkHorse wheels are without ventholes to protect disc brakes in off-road applications, but can also be used for on road vehicles																	
22.5 x 9.00	896570	-	-	-	-	26.7	4335	153	176	22.8	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
FrontRunner® * - 22.5" FrontRunner® wheels offset 120mm																	
22.5 x 11.75	818560	818567	818561DB	818560DF	-	25.0	5000	120	-	25.3	26	10	335	281	no	54MS00N	adhesive and clip-on
22.5 x 11.75	818550	818557	818551DB	-	-	24.8	5000	120	-	25.3	32	10	335	281	no	54MS00N	adhesive and clip-on
FrontRunner® * - 22.5" FrontRunner® wheels offset 135mm																	
22.5 x 11.75	811520	811527	811521DB	-	-	23.5	4500	135	-	24.1	26	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	811510	811517	811511DB	-	811511DD	23.3	4500	135	-	24.1	32	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	814520	814527	814521DB	814520DF	-	26.0	5000	135	-	26.0	26	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	814510	814517	814511DB	-	-	25.8	5000	135	-	26.0	32	10	335	281	no	40MS00N	adhesive and clip-on
Trailer wheels - 19.5" & 22.5" trailer wheels																	
22.5 x 11.75	812520	812527	812522DB	-	-	21.2	4750	0	-	21.0	26	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	812510	812517	812512DB	-	-	21.0	4750	0	-	21.0	32	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	810560	810567	810562DB	-	-	24.8	5000	0	-	24.2	26	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	818560	818567	818561DB	818560DF	-	25.0	5000	120	-	25.3	26	10	335	281	no	54MS00N	adhesive and clip-on
22.5 x 11.75	818550	818557	818551DB	-	-	24.8	5000	120	-	25.3	32	10	335	281	no	54MS00N	adhesive and clip-on
22.5 x 11.75	812560	812567	812562DB	-	-	25.2	5000	45	-	25.3	26	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 11.75	812550	812557	812552DB	-	-	25.0	5000	45	-	25.3	32	10	335	281	no	40MS00N	adhesive and clip-on
22.5 x 13.00	835520	835527	835522DB	-	-	25.2	5500	-14	-	28.0	26	10	335	281	no	40MS00N	adhesive and clip-on
19.5 x 14.00	-	-	743402DB	-	-	23.7	4500	0	-	25.0	26	8	275	221	no	40MS00N	adhesive
19.5 x 14.00	-	748527	748521DB	-	-	21.6	4500	120	-	25.4	26	10	335	281	no	60MS00N	adhesive and clip-on
22.5 x 14.00	-	841517	841512DB	-	-	30.8	5800	0	-	28.6	26	10	335	281	no	40MS00N	adhesive
Wide base drive axle wheels - Important: on 2-axle vehicles TPMS and ESP																	
22.5 x 17.00	840510	-	840512DB	-	-	35.8	5800	-67	-	28.6	32	10	335	281	no	70MS07N2	adhesive

* FrontRunner®: In case of doubt consult your truck dealer organization which offset is permitted.

HOWMET WHEELS SYSTEMS
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