



Specification Sheet *Forged Aluminium Wheels*

April 2009

English

Wheel size
Part numb. Brushed
Part numb. Mirror Polished
Part numb. Dura-Bright®
Part numb. 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
Hofmann balance weights

17.5" wheels



For trucks																			
17.5 x 6.75	-	660823*	-	-	14.6	2500	120	141	21	26	6	245	202.0	yes	TR543C	70 MS 45N	555 & 556		
For trailers																			
17.5 x 6.00	-	663203*	-	-	12.6	2500	114	133	19	26	10	225	176.1	yes	TR543D	70 MS 60N	555 & 556		
17.5 x 6.75	-	663823*	-	-	13.7	3000	117	137	20	26	10	225	176.1	yes	TR554C	70 MS 45N	555 & 556		

* wheels only suitable for drum brakes, not disc brakes

19.5" wheels



19.5 x 7.50	773470	773473	773473DB	773470DF	17.7	3000	134	155	21	24	8	275	221.1	yes	54 MS 00N		551
19.5 x 7.50	-	773463	773463DB	-	17.7	3000	134	155	21	30	8	275	221.1	yes	54 MS 00N		551
19.5 x 7.50	773450	773453	773453DB	773450DF	17.7	3000	134	155	21	32	8	275	221.1	yes	54 MS 00N		551
19.5 x 8.25	-	783463	783463DB	-	18.5	3150	146	167	21	30	8	275	221.1	yes	54 MS 00N		551
19.5 x 8.25	-	783453	783453DB	783450DF	18.5	3150	146	167	21	32	8	275	221.1	yes	54 MS 00N		551

22.5" wheels



22.5 x 7.50	874520	874523	874523DB**	-	23.7	3550	138	160	22	26	10	335	281.2	yes	70 MS 07N2		551
22.5 x 7.50	874510	874513	874513DB**	-	23.7	3550	138	160	22	32	10	335	281.2	yes	70 MS 07N2		551
22.5 x 8.25	886520	886523	886523DB	886520DF	22.7	3650	145	167	22	26	10	335	281.2	yes	70 MS 07N2		551
22.5 x 8.25	886510	886513	886513DB	886510DF	22.7	3650	145	167	22	32	10	335	281.2	yes	70 MS 07N2		551
22.5 x 9.00	896520	896523	896523DB	896520DF	23.2	4125	153	175	22	26	10	335	281.2	yes	70 MS 07N2		551
22.5 x 9.00	896510	896513	896513DB	896510DF	23.2	4125	153	175	22	32	10	335	281.2	yes	70 MS 07N2		551

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	886580	-	-	-	26.3	3835	145	167	22	26	10	335	281.2	yes	83 MS 00N		551
22.5 x 8.25	886570	-	-	-	26.3	3835	145	167	22	32	10	335	281.2	yes	83 MS 00N		551
22.5 x 9.00	896580	-	-	-	26.7	4335	153	175	22	26	10	335	281.2	yes	83 MS 00N		551
22.5 x 9.00	896570	-	-	-	26.7	4335	153	175	22	32	10	335	281.2	yes	83 MS 00N		551
22.5 x 11.75	817580	-	-	-	25.6	5000	120	-	26	26	10	335	281.2	no	40MS 00N		551
22.5 x 11.75	817570	-	-	-	25.6	5000	120	-	26	32	10	335	281.2	no	40MS 00N		551
22.5 x 11.75	812580	-	-	-	27.3	5000	135	-	27.5	26	10	335	281.2	no	40MS 00N		551 + TAL
22.5 x 11.75	812570	-	-	-	27.3	5000	135	-	27.5	32	10	335	281.2	no	40MS 00N		551 + TAL

BEFORE MOUNTING ALCOA WHEELS, CONSULT THE ALCOA TECHNICAL DATA BROCHURE

Dura-Bright® is a patented surface treatment which penetrates the aluminium, allowing easy cleaning with soap and water.
** under preparation

Dura-Flange® is a patented treatment on the wheel rim that provides a protective shield to prevent rim horn wear.

Mounting holes diameter 24 mm: for studs M20 x 1.5 & M22 x 1.5 with standard nuts
Mounting holes diameter 30 mm: for studs M20 x 1.5 with sleeved capnuts
Mounting holes diameter 26 mm: for studs M22 x 1.5 with standard nuts or M18 x 1.5 with sleeved capnuts
Mounting holes diameter 32 mm: for studs M22 x 1.5 with sleeved capnuts

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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
Hofmann balance weights

FrontRunner®

22.5" FrontRunner® wheels offset 120 mm

22.5 x 11.75	817520	817521	817521DB	817520DF	23.6	4500	120	-	26	26	10	335	281.2	no	40MS 00N		551 + TAL
22.5 x 11.75	817510	817511	817511DB	817510DF	23.6	4500	120	-	26	32	10	335	281.2	no	40MS 00N		551 + TAL

22.5" FrontRunner® wheels offset 135 mm

22.5 x 11.75	816520	816521	816521DB	816520DF	26.4	4500	135	-	27.5	26	10	335	281.2	no	40MS 00N		551
22.5 x 11.75	816550	816551	816551DB	816550DF	26.4	4500	135	-	27.5	32	10	335	281.2	no	40MS 00N		551

Trailer wheels

19.5" & 22.5" trailer wheels

19.5 x 14.00	-	743402	743402DB	-	23.6	4500	0	-	25	26	8	275	221.2	no	40MS 00N		551
22.5 x 11.75	810520	810522	810522DB	-	22.1	4500	0	-	22	26	10	335	281.2	no	40MS 00N		551
22.5 x 11.75	810510	810512	810512DB	-	22.1	4500	0	-	22	32	10	335	281.2	no	40MS 00N		551
22.5 x 11.75	817520	817521	817521DB	817520DF	23.6	4500	120	-	26	26	10	335	281.2	no	40MS 00N		551 + TAL
22.5 x 11.75	817510	817511	817511DB	817510DF	23.6	4500	120	-	26	32	10	335	281.2	no	40MS 00N		551 + TAL
22.5 x 13.00	833530	833532	833532DB	-	27.3	5200	-14	-	28	26	10	335	281.2	no	40MS 00N		551
22.5 x 14.00	-	841512	-	-	30.7	5800	0	-	28.5	26	10	335	281.2	no	40MS 00N		551
22.5 x 15.00	850520	850521	-	-	31.9	5150	120	-	28.5	26	10	335	281.2	no	TR552	40 MS 00N	551 + TAL

Wide base drive axle wheels

* Important – See note at the bottom of this page.

22.5 x 17.00	-	840522	-	-	35.7	5800	-67	-	28.5	26	10	335	281.2	no	**		551
22.5 x 17.00	-	840512	-	-	35.7	5800	-67	-	28.5	32	10	335	281.2	no	**		551
22.5 x 17.00	-	842522	-	-	35.6	5800	-50	-	28.5	26	10	335	281.2	no	**		551
22.5 x 17.00	-	842512	-	-	35.6	5800	-50	-	28.5	32	10	335	281.2	no	**		551

BEFORE MOUNTING ALCOA WHEELS, CONSULT THE ALCOA TECHNICAL DATA BROCHURE

* Only to be used on trucks equipped with tyre pressure monitoring system and electronic stability program (ESP).

** Information upon request.

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 provides a protective shield to prevent rim horn wear.

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