WEBB™

Hubs

Aluminum



A Marmon Highway Technologies™ Company

SD-080 (Revised 2/04)

ALUMINUM HUB SPECIFICATION INFORMATION

Trailer Axle Hubs

Specifications	4023F Hub	4343F Hub
Overall Length	8.03 (with ABS Ring)	8.15 (with ABS Ring)
Outer Hubcap Face to Inner Brg. Cup Seat	5.69	5.95
Distance Between Cups	3.34	4.50
Inner Cup to Mounting Face		
Cast Drum	0.79	1.92
Bolt Circle Diameter	11.25 (285.75 mm)	11.25 (285.75 mm)
Wheel Stud Qty/Thread Diameter	(10) M22 x 1.5	(10) M22 x 1.5
Hubcap Hole Pattern	6 Holes 0.31 Dia.	6 Holes 0.31 Dia.
	5.50 Dia. Bolt Circle	6.75 Dia. Bolt Circle
Axle Group	Axle Group 2	Axle Group 4
Hub Dynamic Capacity	11,500 lbs.	9,600 lbs.
ABS Ring Part Number	51554	51554
Pitch Diameter	6.77	6.77
Cup Seat to Face Dimension	2.34	2.20

Truck Steering Axle Hubs

Specifications	4520F Hub	4530F Hub
Overall Length	6.27 (with ABS Ring)	7.04
Outer Hubcap Face to Inner Brg. Cup Seat	4.44	4.84
Distance Between Cups	3.38	3.03
Inner Cup to Mounting Face		
Drum with 0.25 Back Plate Thickness	5.69	4.43
Drum with 0.50 Back Plate Thickness	5.94	4.68
Drum with 0.62 Back Plate Thickness	6.06	4.80
Bolt Circle Diameter	11.25 (285.75 mm)	11.25 (285.75 mm)
Wheel Stud Qty/Thread Diameter	(10) M22 x 1.5	(10) M22 x 1.5
Hubcap Hole Pattern	6 Holes 0.31 Dia.	6 Holes 0.31 Dia.
	4.50 Dia. Bolt Circle	5.50 Dia. Bolt Circle
Axle Group	Axle Group 11	Axle Group 12
Hub Dynamic Capacity	6,600 lbs.	11,000 lbs.
ABS Ring Part Number	51052	51049
Pitch Diameter	6.46	6.93
Cup Seat to Face Dimension	1.53	2.25

Truck Drive Axle Hubs

Specifications	4643F Hub	4653F Hub	4656F Hub
Overall Length	10.08 (with ABS Ring)	9.23 (with ABS Ring)	9.23 (with ABS Ring)
Outer Hubcap Face to Inner Brg. Cup Seat	7.75	6.90	6.90
Distance Between Cups	4.31	4.31	4.31
Inner Cup to Mounting Face			
Cast Drum	1.81	1.81	1.81
Bolt Circle Diameter	11.25 (285.75 mm)	11.25 (285.75 mm)	11.25 (285.75 mm)
Wheel Stud Qty/Thread Diameter	(10) M22 x 1.5	(10) M22 x 1.5	(10) M22 x 1.5
Hubcap Hole Pattern	8 Studs 0.62 Dia.	8 Studs 0.75 Dia.	8 Studs 0.62 Dia.
	7.00 Dia. Bolt Circle	7.00 Dia. Bolt Circle	7.00 Dia. Bolt Circle
Axle Group	Axle Group 21	Axle Group 23	Axle Group 23
Hub Dynamic Capacity	13,000 lbs.	13,000 lbs.	13,000 lbs.
ABS Ring Part Number	51294	51294	51294
Pitch Diameter	6.90	6.93	6.90
Cup Seat to Face Dimension	2.33	2.19	2.33

ALUMINUM HUB CROSS REFERENCE

Manufacturer's Part Number	Webb Part Number	Notes	Manufacturer's Part Number	Webb Part Number	Notes
CONMET					
101220	4643	Drums Interchangeable	102405	4653	Drums Interchangeable
101221	4643	Drums Interchangeable	102406	4653	Drums Interchangeable
101250	4023	Drums Interchangeable	102407	4653	Drums Interchangeable
101251	4023	Drums Interchangeable	102408	4653	Drums Interchangeable
101267	4343	Drums Interchangeable	102409	4653	Drums Interchangeable
101268	4343	Drums Interchangeable	102410	4653	Drums Interchangeable
101269	4343	Assembly Only	102505	4643	Assembly Only
101270	4343	Assembly Only	102506	4643	Assembly Only
101271	4343	Assembly Only	102516	4653	Drums Interchangeable
101272	4343	Assembly Only	102517	4653	Drums Interchangeable
101782	4343	Drums Interchangeable	102568	4023	Drums Interchangeable
101783	4343	Drums Interchangeable	102569	4023	Drums Interchangeable
101784	4343	Drums Interchangeable	102584	4023	Drums Interchangeable
101914	4520	Assembly Only	102597	4520	Drums Interchangeable
101915	4520	Assembly Only	102598	4520	Drums Interchangeable
102013	4343	Drums Interchangeable	102611	4643	Drums Interchangeable
102014	4343	Drums Interchangeable	102612	4643	Drums Interchangeable
102153	4520	Drums Interchangeable	102613	4643	Drums Interchangeable
102154	4520	Drums Interchangeable	102614	4643	Drums Interchangeable
102258	4656	Drums Interchangeable	102637	4643	Assembly Only
102283	4520	Drums Interchangeable	102638	4643	Assembly Only
102284	4520	Drums Interchangeable	102643	4643	Assembly Only
102285	4520	Drums Interchangeable	102644	4643	Assembly Only
102286	4520	Drums Interchangeable	102645	4643	Assembly Only
102299	4656	Drums Interchangeable	102646	4643	Assembly Only
102300	4656	Drums Interchangeable	102672	4643	Drums Interchangeable
102301	4656	Drums Interchangeable	102673	4643	Drums Interchangeable
102302	4656	Drums Interchangeable	102674	4643	Drums Interchangeable
102303	4656	Drums Interchangeable	102680	4643	Drums Interchangeable
102304	4656	Drums Interchangeable	102681	4643	Drums Interchangeable
102311	4643	Drums Interchangeable	102695	4653	Drums Interchangeable
102312	4643	Drums Interchangeable	102696	4653	Drums Interchangeable
102313	4643	Drums Interchangeable	102697	4653	Drums Interchangeable
102314	4643	Drums Interchangeable	102698	4653	Drums Interchangeable
102315	4643	Drums Interchangeable	103026	4520	Drums Interchangeable
102316	4643	Drums Interchangeable	103027	4653	Drums Interchangeable
102323	4656	Drums Interchangeable	103044	4023	Drums Interchangeable
102324	4656	Drums Interchangeable	103045	4023	Drums Interchangeable
102328	4643	Drums Interchangeable	103117	4023	Drums Interchangeable
102329	4643	Drums Interchangeable	103118	4023	Drums Interchangeable
102330	4643	Drums Interchangeable	103264	4520	Drums Interchangeable
102355	4023	Drums Interchangeable	103265	4653	Drums Interchangeable
102356	4023	Drums Interchangeable	103287	4653	Drums Interchangeable
102357	4023	Drums Interchangeable	103289	4653	Drums Interchangeable
102358	4023	Drums Interchangeable	103299	4343	Drums Interchangeable
102363	4023	Drums Interchangeable	103300	4343	Drums Interchangeable
102364	4023	Drums Interchangeable	103301	4343	Drums Interchangeable
102365	4023	Drums Interchangeable	103302	4343	Drums Interchangeable
102371	4520	Drums Interchangeable	103432	4023	Drums Interchangeable
102373	4520	Drums Interchangeable	103433	4023	Drums Interchangeable
CRANE CARRIER					
363A-260	4643	Assembly Only	363A-261	4643	Assembly Only
EUCLID					
5142	4023	Drums Interchangeable			
HAYES LEMMERZ					
90105 Alum 90214 Alum 90407 91153-4 91157-8 91160 91162 91164 91166 Alum 91172 91173 91548 91549	4023 4643 4343 4023 4643 4023 4023 4643 4643 4023 4023 4520 4520	Webb brake drums are interchangeable with Hayes Lemmerz brake drums; however, in some Hayes Lemmerz assemblies the studs may have to be changed to accommodate the thicker backplate of the Webb brake drum. This is necessary when only the brake drum is being replaced.			



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