

Ultrascale Data Sheet

Issue:001-110515

Driving wheels

The following is a list showing the prototype feet and inch size with the metric equivalent size to the nearest millimetre in square brackets.

The sizes indicated in **red** are the equivalent prototype sizes, if the wheel is used on a model with a scale of 3.5mm : 1ft. (HO) Please note that the sizes in **red** are an approximation only.

Abbreviations: C.O.S. - Crank on spoke, C.B.S. - Crank between spoke, O.S.F. - Outside frame, c/t - Crank throw.

3' 0"	[914mm]	10 spoke	9"	[229mm]	c/t c.o.s.
3' 5"	[1041mm]		10"	[254mm]	
3' 03/8"	[924mm]	L&Y 0-4-0 Disc	9"	[229mm]	c/t Pug.
3' 51/2"	[1054mm]		10"	[154mm]	
3' 7"	[1092mm]	BR 12 spoke	10"	[254mm]	c/t c.o.s.
4' 1"	[1245mm]		11"	[279mm]	
4' 11/2"	[1257mm]	GWR 10 spoke	12"	[305mm]	c/t c.o.s.
4' 9"	[1448mm]		14"	[356mm]	
4' 11/4"	[1251mm]	LNER 12 spoke	10"	[254mm]	c/t c.o.s.
4' 8"	[1422mm]		11"	[279mm]	
4' 7"	[1397mm]	LMS 15 spoke	11"	[279mm]	c/t c.o.s. FOWLER
5' 3"	[1600mm]		13"	[330mm]	
4' 71/2"	[1409mm]	GWR 14 spoke	10"	[254mm]	c/t c.b.s.
5' 3"	[1600mm]		11"	[279mm]	
4' 71/2"	[1409mm]	GWR 14 spoke	12"	[304mm]	c/t c.b.s.
5' 3"	[1600mm]		14"	[356mm]	
4' 71/2"	[1409mm]	GWR 14 spoke	15"	[381mm]	c/t c.o.s.
5' 3"	[1600mm]		17"	[432mm]	
4' 71/2"	[1409mm]	GWR 14 spoke			o.s.f.
5' 3"	[1600mm]				
4' 71/2"	[1409mm]	GWR 16 spoke	10"	[254mm]	c/t c.b.s.
5' 3"	[1600mm]		11"	[279mm]	
4' 81/2"	[1435mm]	LMS 15 spoke	14"	[355mm]	c/t c.b.s. STANIER
5' 5"	[1651mm]		16"	[406mm]	
5' 2"	[1574mm]	GWR 16 spoke	10"	[254mm]	c/t c.b.s.
5' 11"	[1803mm]		11"	[279mm]	
5' 2"	[1574mm]	GWR 16 spoke			o.s.f.
5' 11"	[1574mm]				
5' 3"	[1600mm]	LMS 16 spoke	11"	[279mm]	c/t c.o.s. FOWLER
6' 0"	[1829mm]		13"	[330mm]	

5' 3" 6' 0"	[1600mm] [1829mm]	LMS/BR 16 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	STANIER
5' 6" 6' 3"	[1676mm] [1905mm]	LMS 17 spoke	13" 15"	[330mm] [381mm]	c/t c.o.s.	FOWLER
5' 7" 6' 5"	[1701mm] [1956mm]	SR 18 spoke	9" 10"	[228mm] [254mm]	c/t c.o.s.	
5' 8" 6' 6"	[1727mm] [1981mm]	LNER 18 spoke	11" 13"	[279mm] [330mm]	c/t c.b.s.	
5' 8" 6' 6"	[1727mm] [1981mm]	GWR 18 spoke	15" 17"	[381mm] [432mm]	c/t c.b.s.	
5' 8" 6' 6"	[1727mm] [1981mm]	GWR 18 spoke	15" 17"	[381mm] [432mm]	c/t c.o.s.	
5' 8" 6' 6"	[1727mm] [1981mm]	GWR 18 spoke				o.s.f.
5' 9" 6' 7"	[1752mm] [2007mm]	LMS 18 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	FOWLER
5' 9" 6' 7"	[1752mm] [2007mm]	LMS/BR 18 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	STANIER
6' 0" 6' 10"	[1828mm] [2083mm]	LMS 19 spoke	14" 16"	[355mm] [406mm]	c/t c.b.s.	STANIER
6' 0" 6' 10"	[1828mm] [2083mm]	GWR 20 spoke	15" 17"	[381mm] [432mm]	c/t c.b.s.	
6' 3" 7' 1"	[1905mm] [2159mm]	GWR 21 spoke	15" 17"	[381mm] [432mm]	c/t c.b.s.	
6' 6" 7' 5"	[1981mm] [2261mm]	LMS 20 spoke	14" 16"	[355mm] [406mm]	c/t c.b.s.	STANIER
6' 7" 7' 6"	[2006mm] [2286mm]	SR 22 spoke	14" 16"	[355mm] [406mm]	c/t c.b.s.	
6' 7" 7' 6"	[2006mm] [2286mm]	SR 22 spoke	9" 10"	[228mm] [254mm]	c/t c.o.s.	
6' 7" 7' 6"	[2006mm] [2286mm]	SR 22 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	
6' 8" 7' 7"	[2032mm] [2311mm]	GWR 22 spoke	13" 15"	[330mm] [381mm]	c/t c.o.s.	
6' 8" 7' 7"	[2032mm] [2311mm]	GWR 22 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	
6' 8" 7' 7"	[2032mm] [2311mm]	GWR 22 spoke	15" 17"	[381mm] [432mm]	c/t c.o.s.	
6' 8" 7' 7"	[2032mm] [2311mm]	LNER 20 spoke	13" 15"	[330mm] [381mm]	c/t c.b.s.	
6' 8 1/2" 7' 8"	[2044mm] [2337mm]	GWR 22 spoke	12" 14"	[304mm] [356mm]	c/t c.b.s.	

6' 81/2"	[2044mm]	GWR 22 spoke							o.s.f.
7' 8"	[2337mm]								
6' 9"	[2057mm]	LMS 21 spoke	14"	[355mm]	c/t	c.b.s.	STANIER		
7' 9"	[2362mm]		16"	[406mm]					