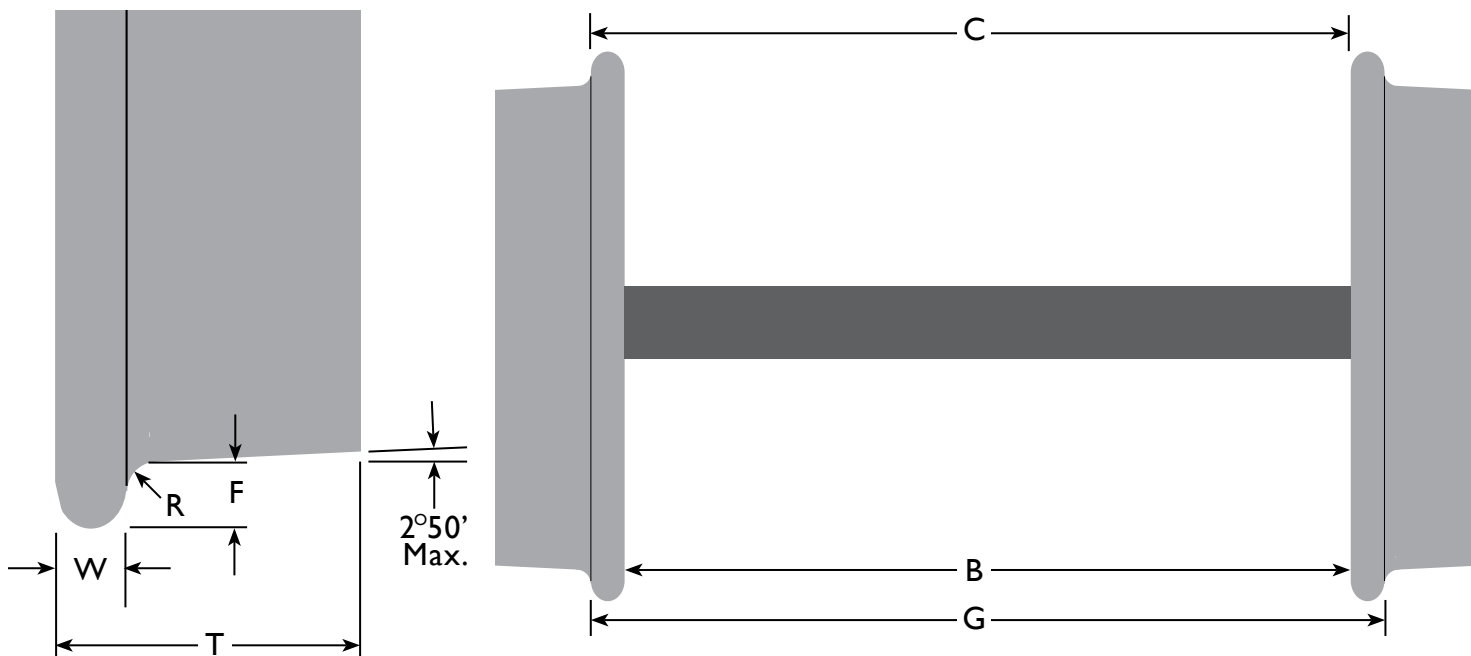


IBLS Wheel Standards



All measurements in inches.

	TRACK GAUGE	T	W	F	R	B	G	C	
	FULL SIZE PROTOTYPE	56.50	5.50	1.156	1.125	.688	53.38	54.53	
3/4" SCALE	SCALED PROTOTYPE	3.531	.344	.072	.070	.043	3.336	3.408	
	IBLS STANDARD	3.500 Min	.406 Min	.094 Max	.094 Max	.047 ±.008	3.281 ^{+.020} _{-.000}	3.470 ^{+.000} _{-.020}	3.375
1" SCALE	SCALED PROTOTYPE	4.708	.458	.096	.094	.057	4.448	4.544	
	IBLS STANDARD	4.750 Min	.505 Min	.125 Max	.140 Max	.062 ±.010	4.437 ^{+.020} _{-.000}	4.690 ^{+.000} _{-.020}	4.562
1 1/2" SCALE	SCALED PROTOTYPE	7.062	.688	.144	.141	.086	6.672	6.816	
	IBLS STANDARD	7.250 Min	.750 Min	.156 Max	.187 Max	.094 ±.015	6.870 ^{+.020} _{-.000}	7.190 ^{+.000} _{-.020}	7.031
		7.500 Min					7.120 ^{+.020} _{-.000}	7.440 ^{+.000} _{-.020}	7.281

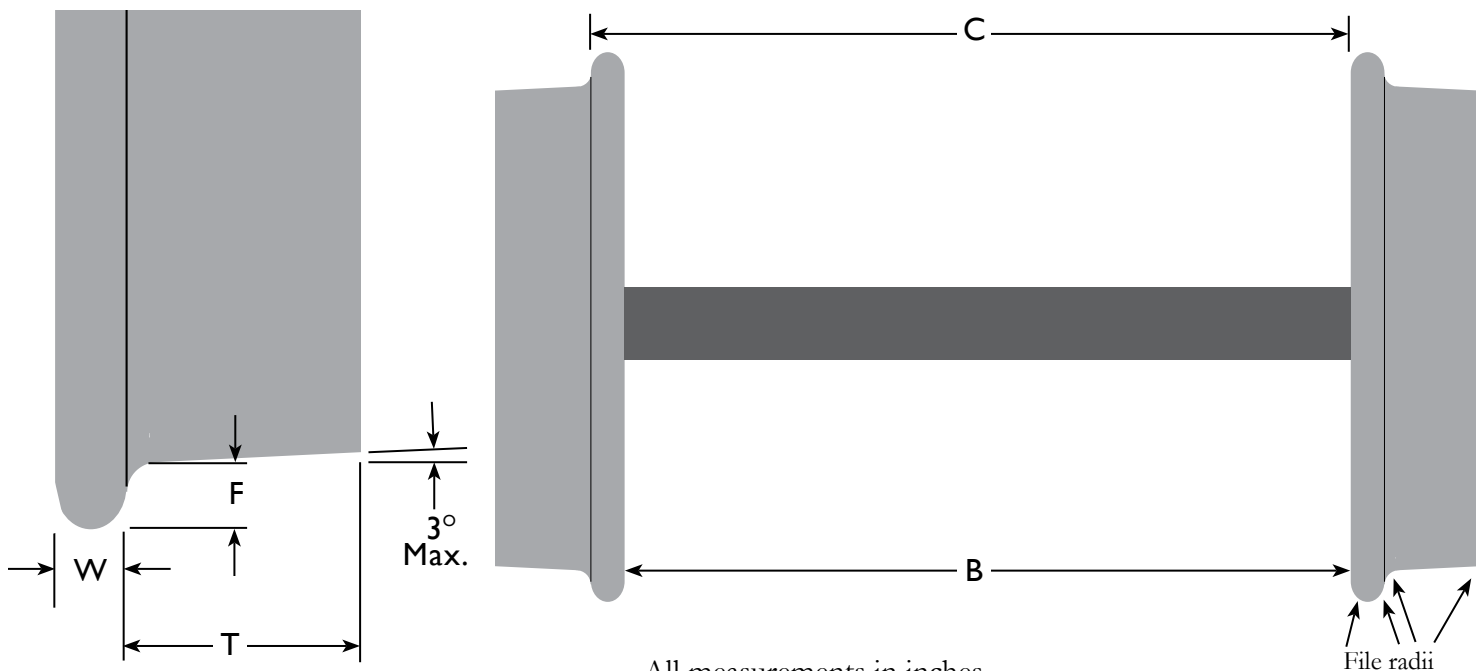
The BLS never "formally" ratified these standards, but many, if not most, clubs in the US have adopted these as de-facto standards for interchangeability of equipment. Some 7 1/4" gauge tracks use the PLS Standards on the other side. Check with your local club.

*C - Wheel check.

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PLS Wheel Standards



All measurements in inches.

NOT IBLS

	T	W	F	B ¹	C ²
1/2" SCALE	.282 ^{+.000} _{-.032}	.062 Nom.	.078 Max	2.250	2.344
3/4" SCALE	.375 Min	.094 Nom.	.094 Max	3.250	3.375
1" SCALE	.406 Min	.125 Nom.	.140 Max.	4.375	4.531
1 1/2" SCALE	.531 Min	.156 ^{+.032} _{-.000}	.156 Max	6.750	6.970

NOT IBLS

- 1 - Back to Back measurement is Minimum. Recommended dimension in .032 larger.
- 2 - Wheel check.
- 3 - Wheel fillet ("R" on front) on 1 1/2" wheels in .094.

NOTE:

The Pennsylvania Live Steamers (PLS) standards shown here were mailed by at least one BLS secretary for wheel dimension requests. This was so people could run on established tracks in the northeast that were built pre-BLS dimensions. Tracks built to allow these wheels will handle BLS dimensions, but tracks built to those specifications will not allow these wheels to run in good order. The most significant dimension change is in the back-to-back measurement over the IBLS dimensions.



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