

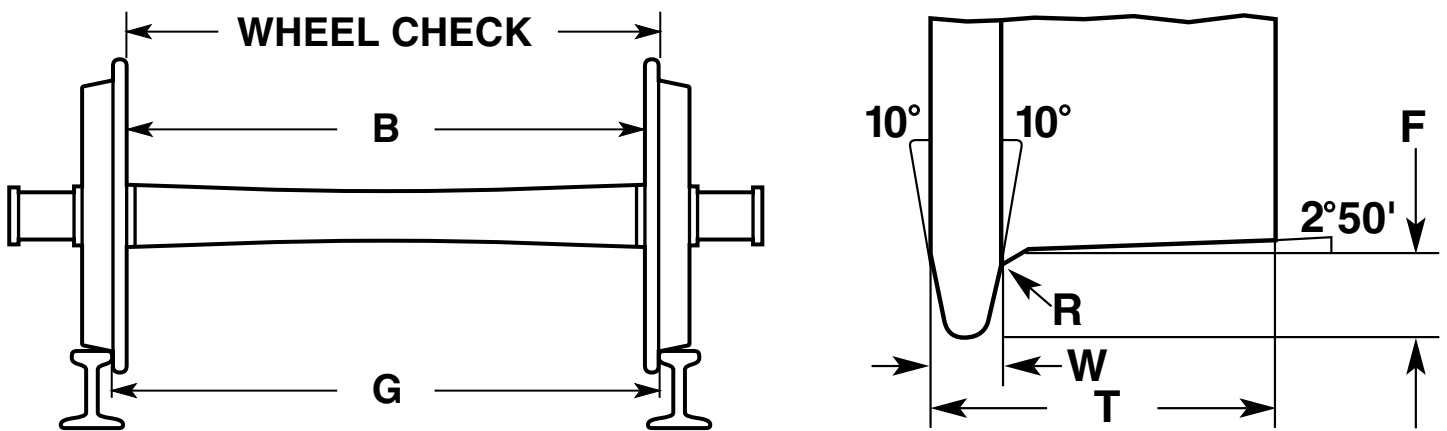
# WHEEL AND COUPLER STANDARDS

The Prairie State RR Club uses the following standards developed by the International Brotherhood of Live Steamers (IBLS)

## COUPLER HEIGHT STANDARD for 1.5" Scale:

Coupler height from top of rail to center of coupler is 4.38".

## WHEEL AND FLANGE STANDARDS for 1.5" Scale:



These "Interim IBLS Standards" have been widely adopted and have become the accepted wheel standards for the hobby.

		TRACK GAUGE	T TIRE WIDTH	W FLANGE WIDTH	F FLANGE DEPTH	R CONTOUR RADIUS	B BACK TO BACK	G WHEEL GAUGE	Wheel Check
1 to 1	Full Sized Prototype	56.50"	5.50"	1.56"	1.125"	0.688"	53.38"		54.53"
1½" to 1 foot	Scaled Prototype	7.062"	0.688"	0.144"	0.141"	0.086"	6.672"		6.816"
1½" to 1 foot	IBLS 7½"	7.50" MIN see note below	0.750" MIN	0.156" MAX	0.187" MAX	0.094" +/- .015	7.120" +.020 -.000	7.440" +.000 -.020	7.281" REF

Most tracks are now built to 7.5625" to 7.625 gauge to reduce rail head wear.