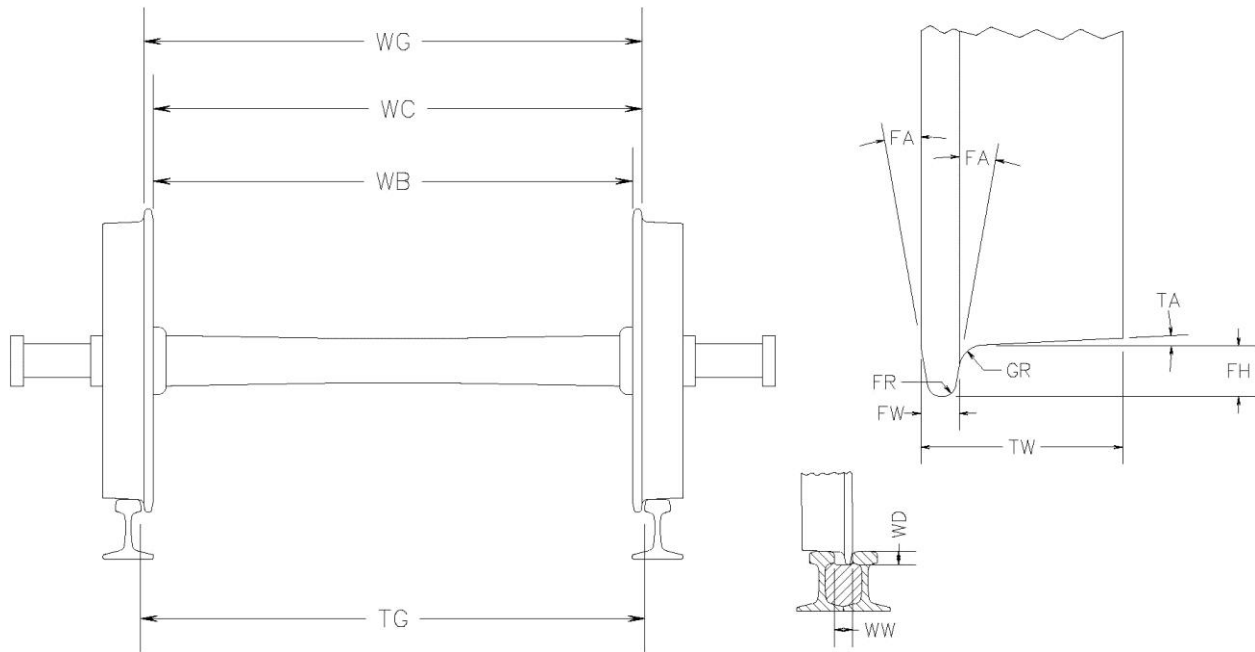


# 12" Gauge – Various Scale Wheels – 3" Scale Track



Symbol	Dimension	Value
TG	Track Gauge	12 Min
WW	Flangeway Width	0.412 NLT
WD	Flangeway Depth	0.392 Max
TW	Tire Width 3" Scale	1 1/4 Min
TA	Tread Angle	2.833° Max
FW	Flange Width - New - With Wear	0.313 NMT 0.234 Min
FH	Flange Height - New - With Wear	0.375 NLT 0.438 Max
FA	Flange Angle	10° Min
GR	Gauge Radius - New - With Wear	0.156 NMT 0.125 Min
FR	Flange Radius	0.125 Typ
WB	Wheel Back to Back	11.375+0.020
WC	Wheel Check	11.609 Min
WG	Wheel Gauge	11.843 Min

## Notes

All dimensions in inches

Tread angle is 2 degrees 50 minutes or 2 5/6 degrees

## Tolerance

The amount by which a final measured dimension can vary from the given value is determined by the tolerance.

- + (plus) and a Value – The measured dimension may be larger by any amount up to, and including this additional value
- Max – This is the largest the measured dimension can be, any smaller value is acceptable
- Min – This is the smallest the measured dimension can be, any larger value is acceptable
- NLT Not Less Than – Similar to a minimum but the measured dimension should be as close as possible to the given dimension without being smaller than it
- NMT Not More Than – Similar to maximum but the measured dimension should be as close as possible to the given dimension without being larger than it
- Typ (typical) – Approximate dimension, exact value will have to be determined in order to make other surfaces align correctly
- Some measurements are from the Wabash, Frisco and Pacific RR Wheel Standard