



Dimensions Table:

Gauge	Y	L _{max}	W	U	U'	X	X'
6.5	1.0	8.6	9.0 ± 0.1	10.4 ± 0.1	10.8 ± 0.1	10.6 - 0.1	11.0 - 0.1
9	1.0	12.1	12.5 + 0.3	13.9 ± 0.1	14.3 ± 0.1	14.2 - 0.1	14.6 - 0.1
12	1.5	15.5	16.0 + 0.3	18.2 ± 0.1	18.6 ± 0.1	18.6 - 0.2	19.0 - 0.2
16.5	2.0	20.7	21.2 + 0.4	23.9 ± 0.1	24.3 ± 0.1	24.3 - 0.2	24.7 - 0.2
22.5	2.5	27.8	28.6 + 0.5	33.2 ± 0.2	33.6 ± 0.2	33.7 - 0.2	34.1 - 0.2

Annotations:

For track gauges 32 mm and larger, the tip bearing is not recommended.

The values for the axle thickness **Y** are directional dimensions.

Dimensions **B** are subject to NEM 310.

The differences between **U** and **U'** result from the blunting of the axle tips, which is necessary for running and production technology. They correspond to rounding radii of approx. 0.15 mm.

The differences between **X** and **X'** correspond to the rounding radii of the bearing calottes of approx. 0.25 mm.