

Front Axle — Group 33

King Pins and King Pin Bushings

King pin diameter	External diameter	Internal diameter rough-turned	Internal diameter final	Base Bore in Steering Knuckle
$\frac{19.980}{19.959}$	$\frac{24.048}{24.035}$	$\frac{19.700}{19.750}$	$\frac{20.000}{20.021}$	$\frac{24.000}{24.021}$
Radial play of king pin			0.02—0.032	
End play of king pin			0.05—0.1	

Radial Play	of threaded pin in bottom part of steering knuckle support	0.46
	of threaded bushing in top part of king pin	0.32
	of pivot pins in threaded bushings, top and bottom	0.45

Front Wheel Hub

Taper Roller Bearing Designation	Wheel spindle diameter	Internal diameter Roller bearing	External diameter Roller bearing	Internal diameter Wheel Hub
DIN 720 30 303	$\frac{16.994}{16.983}$	$\frac{16.992}{17.000}$	$\frac{47.000}{46.989}$	$\frac{46.977}{46.992}$
DIN 720 32 206	$\frac{30.000}{29.987}$	$\frac{29.989}{30.000}$	$\frac{62.000}{61.987}$	$\frac{61.971}{61.991}$

End play of wheel hub	0.000—0.005
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Tie-Rods

Center-to-center distance of ball heads	approx. 457
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Torque Readings

Fixing screws for sub-frame	4 mkg
Fixing screws for lower control arm	10—12 mkg