

# SPECIFICATIONS

## Front Wheels

Bearings . . . . .	Tapered roller
Toe-in-inch . . . . .	$1/4 \pm 1/16$
Turning radius . . . . .	8-1/4 ft.

## Front Axle

Construction . . . . .	Welded steel tube
Pivot shaft diameter - inch . . . . .	.874 to .875
Pivot shaft bushing ID (installed and reamed) - inch . . . . .	.876 to .878

## Spindle diameter

Oil seal location - inches . . . . .	1.749 to 1.752
Inner bearing location - inches . . . . .	1.2493 to 1.2498
Outer bearing location - inch . . . . .	.7493 to .7498

Steering knuckle vertical shaft diameter - inch . . . . .	.9975 to .9985
Steering knuckle shaft bushings . . . . .	Bronze
ID (installed and reamed) - inches . . . . .	1.001 to 1.003
Thrust taken by . . . . .	Machined upper surface of the knuckle and lower flange of vertical shaft tube

## Steering Gear

Type . . . . .	Worm and gear with center-point control
Steering worm shaft diameter at bearing location - inch . . . . .	.873 to .874
Steering worm shaft diameter at pilot end-inch . . . . .	.561 to .562
Steering worm shaft bearing ID - inch . . . . .	.875 to .876
Steering worm to gear backlash - inch . . . . .	.004 to .006
Steering worm shaft end clearance - inch . . . . .	.001 to .011
Steering worm wheel number of teeth . . . . .	24

## Steering worm wheel shaft

Diameter at upper bushing location - inches . . . . .	1.1260 to 1.1265
Diameter at lower bushing location - inches . . . . .	1.1260 to 1.1265
End clearance - inch . . . . .	.001 to .011

Steering worm wheel shaft bushings . . . . .	Bronze
ID after installing in upper housing - inches . . . . .	1.1285 to 1.1305
ID after installing in housing base - inches . . . . .	1.128 to 1.129
Thrust taken by . . . . .	Lower bushing flange

## Housing (upper)

Bore for steering worm shaft pilot end - inch . . . . .	.563 to .565
Bore for worm gear shaft upper bushing - inches . . . . .	1.249 to 1.251
Bore for expansion plug - inches . . . . .	2.250 to 2.256