

Needle Bearing Size Chart

Needle bearing size charts provide quick reference for selecting the right bearing dimensions. They help engineers, technicians, and mechanics match bore diameter, outside diameter, and width to the correct application. This chart makes it easy to avoid mistakes, reduce downtime, and ensure machines run efficiently with properly sized needle roller bearings.

Bore Diameter (mm)	Outside Diameter (mm)	Width (mm)	Typical Bearing Type
5	10	10	Drawn Cup Needle Bearing
6	12	10	Drawn Cup Needle Bearing
8	14	12	Solid Needle Bearing
10	16	12	Needle Roller Assembly
12	18	12	Needle Roller Assembly
15	21	16	Solid Needle Bearing
17	23	16	Drawn Cup Needle Bearing
20	26	16	Needle Roller Assembly
25	32	20	Solid Needle Bearing
30	37	20	Drawn Cup Needle Bearing
35	42	25	Solid Needle Bearing
40	47	25	Needle Roller Assembly
50	62	30	Solid Needle Bearing
60	72	35	Drawn Cup Needle Bearing