

Shaft Tolerance Charts

To insure optimal sealing performance, be sure the shaft diameter is within the following RMA and ISO recommended tolerances.

Inches

Shaft Diameter	Tolerance
Up to and Including 4.000	+/- .003
4.001 to 6.000	+/- .004
6.001 to 10.000	+/- .005
10.001 and Larger	+/- .006

Millimeters

Nominal Shaft Diameter (ISO H11)	Tolerance
6 to 10	+0.000 -0.090
11 to 18	+0.000 -0.110
19 to 30	+0.000 -0.130
31 to 50	+0.000 -0.160
51 to 80	+0.000 -0.190
81 to 120	+0.000 -0.220
121 to 180	+0.000 -0.250
181 to 250	+0.000 -0.290
251 to 315	+0.000 -0.320
315 to 400	+0.000 -0.360
401 to 500	+0.000 -0.400
501 to 630	+0.000 -0.440
631 to 800	+0.000 -0.500
801 to 1000	+0.000 -0.560
1001 to 1250	+0.000 -0.660
1251 and Larger	+0.000 -0.780