

Tolerances Used for Standard Metric and Inch Size Bores



Metric Size Bores

Hole Diameter in Millimeters	H 7	H 8	H 9	H 11	H 13
1 – 3	+0.010 -0	+0.014 -0	+0.025 -0	+0.060 -0	+0.140 -0
4 – 6	+0.012 -0	+0.018 -0	+0.030 -0	+0.075 -0	+0.180 -0
7 – 10	+0.015 -0	+0.022 -0	+0.036 -0	+0.090 -0	+0.220 -0
11 – 18	+0.018 -0	+0.027 -0	+0.043 -0	+0.110 -0	+0.270 -0
19 – 30	+0.021 -0	+0.033 -0	+0.052 -0	+0.130 -0	+0.330 -0
31 – 50	+0.025 -0	+0.039 -0	+0.062 -0	+0.160 -0	+0.380 -0

Example: Tolerance for Hole Diameter 11-18 millimeter is $+0.018 \times .0394 = +0.00071$ inches
 -0 -0

Inch Size Bores

Bore Size	Tolerance
.250 – 1.00 inches	+ .001 inches -0
over 1.00 inches	+ .002 inches -0