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Gage Maker's Tolerance Chart For Pin and Ring Gages

Tolerance Class	XXX	XX	X	Y	Z	ZZ
Inch Diameter						
.010" - .825"	.000010"	.000020"	.000040"	.000070"	.0001"	.0002"
.825" - 1.510"	.000015"	.000030"	.000060"	.000090"	.00012"	.00024"
1.510" - 2.510"	.000020"	.000040"	.000080"	.00012"	.00016"	.00032"
2.510" - 4.510"	.000025"	.000050"	.0001"	.00015"	.0002"	.0004"
4.510" - 6.510"	.000033"	.000065"	.00013"	.00019"	.00025"	.0005"
6.510" - 9.010"	.000040"	.000080"	.00016"	.00024"	.00032"	.00064"
9.010" - 12.010"	.000050"	.0001"	.0002"	.0003"	.0004"	.0008"

Metric Diameter						
.254 mm - 20.96 mm	.00025 mm	.00051 mm	.00102 mm	.00178 mm	.00254 mm	.00508 mm
20.96 mm - 38.35 mm	.00038 mm	.00076 mm	.00152 mm	.00229 mm	.00305 mm	.00610 mm
38.35 mm - 63.75 mm	.00051 mm	.00102 mm	.00203 mm	.00305 mm	.00406 mm	.00813 mm
63.75 mm - 114.55 mm	.00064 mm	.00127 mm	.00254 mm	.00381 mm	.00508 mm	.01016 mm
114.55 mm - 165.35 mm	.00084 mm	.00165 mm	.00330 mm	.00483 mm	.00635 mm	.01270 mm
165.35 mm - 228.85 mm	.00102 mm	.00203 mm	.00406 mm	.00610 mm	.00813 mm	.01626 mm
228.85 mm - 305.05 mm	.00127 mm	.00254 mm	.00508 mm	.00762 mm	.01016 mm	.02032 mm

Tolerance Direction	
Cylindrical Ring Gage	Go Member is to the minus side, Nogo Member is to the plus side.
Cylindrical Plug Gage	Go Member is to the plus side, Nogo Member is to the minus side.
Master Gages	Tolerance is split 50/50