

GAGEMAKER'S TOLERANCE CHART

The Gagemaker's Tolerance Chart depicts the tolerance that is applied to various types of fixed limit gauges. These tolerances are used for defining accuracy of cylindrical plug, rings, setting disc, wires, hole location plugs...

These tolerance can be applied in one of three different directions depending on the Application.(Go, NoGo, Master)

1. Tolerance applied to the plus side
2. Tolerance applied to the minus side
3. Tolerance applied Bilaterally for Masters

GAGEMAKER'S TOLERANCE CHART

RANGE		CL-XXX	CL-XX	CL-X	CL-Y	CL-Z
0.0009"	0.8250"	.000010"	.000020"	.000040"	.000070"	.0001"
.254mm	20.95mm	0.25µm	0.5µm	1.0µm	1.75µm	2.5µm
0.8251"	1.5100"	.000015"	.000030"	.000060"	.000090"	.00012"
20.95mm	38.35mm	0.38µm	0.75µm	1.5µm	2.25µm	3.0µm
1.5101"	2.5100"	.000020"	.000040"	.000080"	.00012"	.00016"
38.25mm	63.75mm	0.50µm	1.0µm	2.0µm	3.0µm	4.0µm
2.5101"	4.5100"	.000025"	.000050"	.0001"	.00015"	.00020"
63.75mm	114.55mm	0.63µm	1.25µm	2.5µm	3.75µm	5.0µm
4.5101"	6.5100"	.000033"	.000065"	.00013"	.00019"	.00025"
114.55mm	165.35mm	0.83µm	1.625µm	3.25µm	4.75µm	6.25µm
6.5101"	9.0100"	.000040"	.000080"	.00016"	.00024"	.00032"
165.35mm	228.85mm	1.00µm	2.0µm	4.0µm	6.0µm	8.0µm
9.0101"	12.0100"	.000050"	.0001"	.0002"	.0003"	.0004"
228.85mm	305.05mm	1.25µm	2.5µm	5.0µm	7.5µm	10.0µm
12.0101"	15.0100"	.000075"	.00015"	.0003"	.00045"	.0006"
305.05mm	381.25mm	1.88µm	3.75µm	7.5µm	11.25µm	15.0µm
15.0101"	18.0100"	.0001"	.0002"	.0004"	.0006"	.00080"
381.25mm	457.45mm	2.50µm	5.0µm	10.0µm	15.0µm	20.0µm
18.0101"	21.0100"	.000125"	.00025"	.0005"	.00075"	.001"
457.45mm	533.65mm	3.13µm	6.25µm	12.5µm	18.75µm	25.0µm



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