



Gage Maker's Tolerances

ENGLISH						
Range	XXX	XX	X	Y	Z	ZZ
.005 to .8250"	0.000010	0.000020	0.000040	0.000070	0.000100	0.000200
.8251 to 1.5100"	0.000015	0.000030	0.000060	0.000090	0.000120	0.000240
1.5101 to 2.5100"	0.000020	0.000040	0.000080	0.000120	0.000160	0.000320
2.5101 to 4.5100"	0.000025	0.000050	0.000100	0.000150	0.000200	0.000400
4.5101 to 6.5100"	0.000033	0.000065	0.000130	0.000190	0.000250	0.000500
6.5101 to 9.0100"	0.000040	0.000080	0.000160	0.000240	0.000320	0.000640
9.0101 to 12.2600"	0.000050	0.000100	0.000200	0.000300	0.000400	0.000800

METRIC						
Range	XXX	XX	X	Y	Z	ZZ
0.21 to 21.00mm	0.00025	0.00051	0.00102	0.00178	0.00254	0.00508
21.01 to 38.00mm	0.00038	0.00076	0.00152	0.00229	0.00305	0.00610
38.01 to 64.00mm	0.00051	0.00102	0.00202	0.00305	0.00406	0.00813
64.01 to 115.00mm	0.00064	0.00127	0.00254	0.00381	0.00508	0.01016
115.01 to 165.00mm	0.00084	0.00165	0.00330	0.00483	0.00635	0.01270
165.01 to 230.00mm	0.00102	0.00203	0.00406	0.00610	0.00813	0.01626
230.01 to 300.00mm	0.00127	0.00254	0.00508	0.00762	0.01013	0.02320

- **Cylindrical plug gage tolerance is GO (Plus) and NOGO (Minus)**
- **Master cylindrical plug gage tolerance is 50% Plus, 50% Minus**
- **Master Setting Disc tolerance is 50% Plus, 50% Minus**
- **Cylindrical plain ring tolerance is GO (Minus) and NOGO (Plus)**