

# Cylindrical Ring Gages

## SOLID TYPE



## FLANGED TYPE



SIZE RANGE		CLASS		STANDARD "GO" & "NO GO" MASTER RINGS			
ABOVE	TO & INCLUDING	S Y M	TOL.	WIDTH	O.D.	1	2
.040 1.02mm	.070 1.78mm	XX	.00002	3/16"	15/16"	125.00	110.00
		X	.00004			109.00	96.00
		Y	.00007			106.00	94.00
		Z	.00010			99.00	88.00
.070 1.78mm	.125 3.17mm	XX	.00002	3/16"	15/16"	107.00	95.00
		X	.00004			95.00	83.00
		Y	.00007			92.00	81.00
		Z	.00010			86.00	76.00
.125 3.17mm	.230 5.84mm	XX	.00002	3/8"	15/16"	80.00	71.00
		X	.00004			71.00	63.00
		Y	.00007			68.00	60.00
		Z	.00010			64.00	57.00
.230 5.84mm	.365 9.27mm	XX	.00002	9/16"	1 1/8"	80.00	71.00
		X	.00004			71.00	63.00
		Y	.00007			68.00	60.00
		Z	.00010			64.00	57.00
.365 9.27mm	.510 12.95mm	XX	.00002	3/4"	1 3/8"	91.00	81.00
		X	.00004			82.00	72.00
		Y	.00007			77.00	69.00
		Z	.00010			73.00	64.00
.510 12.95mm	.825 20.96mm	XX	.00002	15/16"	1 3/4"	101.00	88.00
		X	.00004			91.00	80.00
		Y	.00007			85.00	75.00
		Z	.00010			81.00	71.00
.825 20.96mm	1.135 28.83mm	XX	.00003	1 1/8"	2 1/8"	112.00	98.00
		X	.00006			99.00	88.00
		Y	.00009			95.00	84.00
		Z	.00012			90.00	79.00
1.135 28.83mm	1.510 38.35mm	XX	.00003	1 5/16"	2 1/2"	125.00	110.00
		X	.00006			112.00	98.00
		Y	.00009			106.00	94.00
		Z	.00012			101.00	88.00
1.510 38.35mm	2.010 51.05mm	XX	.00004	1 1/2"	4"	151.00	134.00
		X	.00008			135.00	119.00
		Y	.00012			128.00	114.00
		Z	.00016			121.00	107.00
2.010 51.05mm	2.510 63.75mm	XX	.00004	1 1/2"	4 1/2"	181.00	159.00
		X	.00008			160.00	141.00
		Y	.00012			154.00	136.00
		Z	.00016			146.00	127.00

SIZE RANGE		CLASS		STANDARD "GO" & "NO GO" MASTER RINGS			
ABOVE	TO & INCLUDING	S Y M	TOL.	WIDTH	O.D.	1	2
2.510 63.75mm	3.010 76.45mm	XX	.00005	1 1/2"	5"	208.00	183.00
		X	.00010			185.00	163.00
		Y	.00015			179.00	158.00
		Z	.00020			168.00	148.00
3.010 76.45mm	3.510 89.15mm	XX	.00005	1 1/2"	5 1/2"	256.00	226.00
		X	.00010			225.00	198.00
		Y	.00015			217.00	192.00
		Z	.00020			205.00	181.00
3.510 89.15mm	4.010 101.85mm	XX	.00005	1 1/2"	6 3/8"	293.00	258.00
		X	.00010			258.00	227.00
		Y	.00015			249.00	219.00
		Z	.00020			235.00	206.00
4.010 101.85mm	4.760 120.90mm	XX	.00005	1 1/2"	7 1/4"	335.00	295.00
		X	.00010			291.00	257.00
		Y	.00015			285.00	250.00
		Z	.00020			268.00	236.00
4.760 120.90mm	5.510 139.95mm	XX	.000065	1 1/2"	8 1/4"	417.00	367.00
		X	.00013			376.00	330.00
		Y	.00019			355.00	312.00
		Z	.00025			334.00	295.00
5.510 139.95mm	6.260 159.00mm	XX	.000065	1 1/2"	9 1/4"	433.00	380.00
		X	.00013			394.00	346.00
		Y	.00019			385.00	338.00
		Z	.00025			346.00	304.00
6.260 159.00mm	7.010 178.05mm	XX	.00008	1 1/2"	10 1/4"	553.00	487.00
		X	.00016			525.00	462.00
		Y	.00024			471.00	415.00
		Z	.00032			443.00	389.00
7.010 178.05mm	7.760 197.10mm	XX	.00008	1 1/2"	11 1/4"	604.00	532.00
		X	.00016			575.00	506.00
		Y	.00024			514.00	453.00
		Z	.00032			483.00	426.00
7.760 197.10mm	8.510 216.15mm	XX	.00008	1 1/2"	12 1/4"	682.00	601.00
		X	.00016			649.00	572.00
		Y	.00024			580.00	511.00
		Z	.00032			545.00	481.00

**Chrome plate for .150" and larger - add 30%.**

Plain Cylindrical Ring Gages conform to established AGD specifications. Go and NO GO Rings are made from blanks of the same dimension. An annular groove in the periphery of the NO GO ring distinguishes it from the GO Ring.

### DIRECTION OF TOLERANCES

Master – Bilateral (Split) Tolerance  
 Go – Unilateral (Minus) Tolerance  
 No Go – Unilateral (Plus) Tolerance

### HOW TO ORDER – Please specify:

1. Quantity desired.
2. Exact diameter(s).
3. Tolerances.
4. GO or NO GO or Master.
5. Marking.