

# Ring Gages\*

## The Meyer Difference

- ❑ **The Material.** We use only superb quality steels such as 06, or Alloy Steels such as 8620, and Heat Treat our blanks to a minimum of 58RC.
- ❑ **The Stabilization Process.** Subsequent grinding operations can introduce heat and stress. All blanks go through a stabilization process, cycling them through temperature extremes from -130°F to +300°F.
- ❑ **The Precision Lapping Process.** “Lapping” is the finishing process that removes small amounts of material from the gage surface and brings it within its final tolerance limits.
- ❑ **Inspection with NIST-traceable gages.** In our Metrology area conditions are a strict, cool 68°F where the relative humidity is between 30 - 50% and all of our masters are traceable to NIST.



### Size Range

Inches Above to & including	Millimeters Above to & including	Class XX			Class X			Class Y, Z		
		Chrome	Steel	Tungsten	Chrome	Steel	Tungsten	Chrome	Steel	Tungsten
.040001 - .100	1.02 - 2.54	—	\$ 254.87	\$ 407.22	—	\$ 229.39	\$ 366.51	—	\$ 203.90	\$ 325.79
.100001 - .150	2.54 - 3.81	—	221.64	370.21	—	199.47	333.19	—	177.31	296.16
.150001 - .185	3.81 - 4.70	\$ 269.82	192.73	336.56	\$ 242.84	173.46	302.90	\$ 215.86	154.18	269.24
.185001 - .230	4.70 - 5.84	256.97	183.55	326.75	231.27	165.20	294.08	205.58	146.83	261.41
.230001 - .365	5.84 - 9.27	244.73	174.80	317.24	220.26	157.33	285.51	195.78	139.85	253.79
.365001 - .510	9.27 - 12.95	233.08	166.48	307.99	209.78	149.84	277.20	186.46	133.19	246.40
.510001 - .825	12.95 - 20.96	244.73	174.80	400.39	220.26	157.33	360.36	195.78	139.85	320.32
.825001 - 1.135	20.96 - 28.83	256.97	183.55	520.51	231.27	165.20	468.46	205.58	146.83	416.40
1.135001 - 1.510	28.83 - 38.35	295.52	229.44	702.69	265.97	206.49	632.42	236.41	183.55	562.16
1.510001 - 2.010	38.35 - 51.05	339.85	263.85	948.63	305.86	237.46	853.77	271.87	211.08	758.90
2.010001 - 2.510	51.05 - 63.75	424.80	311.34	1,233.22	382.32	280.21	1,109.90	339.85	249.07	986.57
2.510001 - 3.010	63.75 - 76.45	530.99	367.39	1,541.52	477.91	330.65	1,387.37	424.80	293.90	1,233.22
3.010001 - 3.510	76.45 - 89.15	610.65	433.52	1,926.90	549.59	390.16	1,734.22	488.51	346.82	1,541.52
3.510001 - 4.010	89.15 - 101.85	702.24	511.55	2,408.63	632.03	460.39	2,167.78	561.80	409.24	1,926.90

- ❑ MASTER: bilateral (split) tolerance.
- ❑ GO: unilateral (one way) minus tolerance.
- ❑ NOGO: unilateral (one way) plus tolerance.

Ring Gages are manufactured in accordance with ANSI spec B89.1.6 - 1989. ROUNDNESS and TAPER of all gages will not exceed 50% of applicable gagemaker's size tolerance and are non-cumulative. \*Ring gages are not returnable for credit or cancellation.

