

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	Millimeters	Class XX			Class X			Class Y, Z		
Above to & including	Above to & including	Chrome	Steel	Tungsten	Chrome	Steel	Tungsten	Chrome	Steel	Tungsten
.040001 - .100	1.02 - 2.54	—	\$ 221.63	\$354.11	—	\$ 199.47	\$318.71	—	\$ 177.31	\$ 283.30
.100001 - .150	2.54 - 3.81	—	192.73	321.92	—	173.45	289.73	—	154.18	257.53
.150001 - .185	3.81 - 4.70	\$ 234.63	167.59	292.66	\$ 211.16	150.83	263.39	\$ 187.70	134.07	234.12
.185001 - .230	4.70 - 5.84	223.45	159.61	284.13	201.11	143.65	255.72	178.76	127.68	227.31
.230001 - .365	5.84 - 9.27	212.81	152.00	275.86	191.53	136.81	248.27	170.25	121.61	220.69
.365001 - .510	9.27 - 12.95	202.68	144.77	267.82	182.41	130.30	241.04	162.14	115.81	214.26
.510001 - .825	12.95 - 20.96	212.81	152.00	348.17	191.53	136.81	313.35	170.25	121.61	278.54
.825001 - 1.135	20.96 - 28.83	223.45	159.61	452.62	201.11	143.65	407.35	178.76	127.68	362.09
1.135001 - 1.510	28.83 - 38.35	256.97	199.51	611.04	231.27	179.55	549.93	205.58	159.61	488.83
1.510001 - 2.010	38.35 - 51.05	295.52	229.44	824.90	265.96	206.49	742.41	236.41	183.55	659.91
2.010001 - 2.510	51.05 - 63.75	369.39	270.73	1,072.36	332.46	243.66	965.13	295.52	216.59	857.89
2.510001 - 3.010	63.75 - 76.45	461.73	319.47	1,340.45	415.57	287.52	1,206.41	369.39	255.57	1,072.36
3.010001 - 3.510	76.45 - 89.15	531.00	376.97	1,675.56	477.91	339.27	1,508.02	424.79	301.58	1,340.45
3.510001 - 4.010	89.15 - 101.85	610.64	444.82	2,094.46	549.59	400.34	1,885.03	488.52	355.86	1,675.56

- ❑ 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.

