

# Custom Length

# Class ZZ Gages

Reversible pin gages up to 12" lengths. These are invaluable when you need to gage deep or hard to reach holes or slots.

- Centerless ground to a 10 microfinish or better
- Made from HSS Steel or E52100
- Plus, Minus or Bilateral tolerance
- NIST Traceable
- Stabilized and heat treated to 60-62RC

Diameter Range		2.5"	3"	4"	5"	6"	9"	12"
0.0110" to 0.0629"	0.279mm to 1.575mm	\$45.75	\$46.96	\$47.89	\$50.03	\$52.71	\$54.84	\$79.60
0.0630" to 0.1879"	1.576mm to 4.750mm	45.62	45.75	45.89	47.49	49.76	53.65	80.80
0.1880" to 0.2509"	4.751mm to 6.350mm	46.29	46.69	46.55	47.89	50.44	56.99	83.08
0.2510" to 0.3129"	6.351mm to 7.925mm	48.15	48.30	48.57	48.70	50.70	60.07	86.68
0.3130" to 0.3759"	7.926mm to 9.525mm	49.90	50.03	50.17	50.30	53.65	65.55	94.86
0.3760" to 0.4389"	9.526mm to 11.125mm	56.99	57.26	57.39	57.52	57.66	69.71	101.81
0.4390" to 0.5009"	11.126mm to 12.700mm	54.98	64.21	64.21	62.07	57.26	74.91	106.63
0.5010" to 0.5319"	12.701mm to 13.487mm	56.86	63.68	63.68	65.81	60.07	73.85	104.88
0.5320" to 0.5639"	13.488mm to 14.300mm	57.79	65.15	65.15	67.69	62.07	76.93	108.35
0.5640" to 0.5949"	14.301mm to 15.088mm	58.74	66.62	66.62	69.57	63.95	79.73	113.32
0.5950" to 0.6259"	15.089mm to 15.875mm	59.67	68.22	68.22	71.44	65.81	82.94	117.06
0.6260" to 0.6569"	15.876mm to 16.662mm	60.73	70.51	70.51	73.72	73.72	87.48	122.53
0.6570" to 0.6879"	16.663mm to 17.450mm	61.67	72.11	72.11	75.45	75.45	90.58	127.36
0.6880" to 0.7189"	17.451mm to 18.237mm	63.14	73.85	73.85	78.26	78.26	94.06	132.44
0.7190" to 0.7509"	18.238mm to 19.050mm	63.82	75.18	75.18	79.73	79.73	96.85	134.31
0.7510" to 0.7819"	19.051mm to 19.837mm	65.15	76.40	76.40	82.28	82.28	99.26	137.53
0.7820" to 0.8129"	19.838mm to 20.625mm	66.50	78.00	78.00	84.95	84.95	102.35	142.60
0.8130" to 0.8439"	20.626mm to 21.412mm	67.30	79.33	79.33	86.68	86.68	105.14	147.02
0.8440" to 0.8759"	21.413mm to 22.225mm	68.49	81.34	81.34	89.23	89.23	109.04	151.03
0.8760" to 0.9069"	22.226mm to 23.012mm	69.44	83.20	83.20	90.96	90.96	112.78	158.52
0.9070" to 0.9379"	23.013mm to 23.800mm	70.77	84.95	84.95	93.51	93.51	116.39	162.81
0.9380" to 0.9689"	23.801mm to 24.587mm	71.97	86.68	86.68	95.92	95.92	119.87	168.16
0.9690" to 1.0009"	24.588mm to 25.400mm	73.58	89.09	89.09	99.13	99.13	124.82	174.58

No guarantee of straightness due to Centerless Grinding process on these products. Class ZZ custom length gages are not returnable for credit or cancellation.



# Class X Gages

Reversible pin gages in English and Metric up to 6" lengths. Ideal for deep and hard to reach holes or slots.

- Centerless lapped to a 5 microfinish
- Up to 6" long
- NIST Traceable
- Stabilized and heat treated to 60-62 RC
- Plus, Minus or Bilateral tolerance

## Custom Lengths

### OVERALL LENGTH 3" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$ 163.43
.0300" to .0599"	.762mm to 1.52mm	87.90
.0600" to .2009"	1.52mm to 5.10mm	59.89
.2010" to .3749"	5.11mm to 9.52mm	62.97
.3750" to .6349"	9.53mm to 16.13mm	67.14
.6350" to .7500"	16.13mm to 19.05mm	67.14
.7501" to .8750"	19.05mm to 22.23mm	117.86
.8751" to 1.000"	22.23mm to 25.40mm	132.14

### OVERALL LENGTH 5" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$ 407.06
.0300" to .0599"	.762mm to 1.52mm	218.31
.0600" to .2009"	1.52mm to 5.10mm	113.02
.2010" to .3749"	5.11mm to 9.52mm	115.92
.3750" to .6349"	9.53mm to 16.13mm	121.72
.6350" to .7500"	16.13mm to 19.05mm	131.37
.7501" to .8750"	19.05mm to 22.23mm	209.23
.8751" to 1.000"	22.23mm to 25.40mm	240.53

### OVERALL LENGTH 4" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$ 223.44
.0300" to .0599"	.762mm to 1.52mm	119.77
.0600" to .2009"	1.52mm to 5.10mm	82.13
.2010" to .3749"	5.11mm to 9.52mm	83.66
.3750" to .6349"	9.53mm to 16.13mm	88.68
.6350" to .7500"	16.13mm to 19.05mm	91.27
.7501" to .8750"	19.05mm to 22.23mm	157.63
.8751" to 1.000"	22.23mm to 25.40mm	173.31

### OVERALL LENGTH 6" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$ 526.73
.0300" to .0599"	.762mm to 1.52mm	293.34
.0600" to .2009"	1.52mm to 5.10mm	129.35
.2010" to .3749"	5.11mm to 9.52mm	131.29
.3750" to .6349"	9.53mm to 16.13mm	133.31
.6350" to .7500"	16.13mm to 19.05mm	144.89
.7501" to .8750"	19.05mm to 22.23mm	260.23
.8751" to .9375"	22.23mm to 23.81mm	294.23
.9376" to 1.000"	23.82mm to 25.40mm	332.48

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