

# Class X Gage Sets



Offers the same “features” as our Class Z pin gages, but with 0.00004” tolerance limits and 0.00002” roundness limits. The pins are perfect for critical inspection needs, or when you want to maximize your GO/ NOGO tolerance limits. They’re also a great way to calibrate measuring equipment, micrometers, and calipers.

## FEATURES:

- All gages and sets are traceable to N.I.S.T.
- Boxes and gages both marked
- Size and serial number laser etched on each piece (M0X not etched)
- Material: 52100 Bearing Steel
- No sharp edges
- All members 2” long

## USES:

- Checking locations
- Measuring hole sizes and depth
- GO & NOGO gaging
- Setting micrometers
- Checking distances between holes

## Finish:

- Centerless lapped
- Each gage is inspected and has a 2 microfinish or better
- Heat treated to a hardness of 60-62 Rockwell C
- All English gages with 0.00004” limit

Gage Set No.	Gage - Size	Pieces	Wt/Lbs.	Price *Cal.Report
M0XM - minus	.011 to .060	50	1	\$ 454.31 \$588.50
M0XP - plus	.011 to .060	50	1	454.31 \$588.50
M05XM - minus	.0115 to .0605	50	1	454.31 \$588.50
M05XP - plus	.0115 to .0605	50	1	454.31 \$588.50
M1XM - minus	.061 to .250	190	7	1,193.84 \$ 2,236.30
M1XP - plus	.061 to .250	190	7	1,193.84 \$ 2,236.30
M15XM - minus	.0615 to .2505	190	7	1,193.84 \$ 2,236.30
M15XP - plus	.0615 to .2505	190	7	1,193.84 \$ 2,236.30
C10XM - minus	.011 to .250	240	8	1,579.15 \$ 2,824.80
C10XP - plus	.011 to .250	240	8	1,579.15 \$ 2,824.80
C105XM - minus	.0115 to .2505	240	8	1,579.15 \$ 2,824.80
C105XP - plus	.0115 to .2505	240	8	1,579.15 \$ 2,824.80
M2XM - minus	.251 to .500	250	23	1,579.15 \$ 2,942.50
M2XP - plus	.251 to .500	250	23	1,579.15 \$ 2,942.50
M25XM - minus	.2515 to .5005	250	23	1,579.15 \$ 2,942.50
M25XP - plus	.2515 to .5005	250	23	1,579.15 \$ 2,942.50
M3XM - minus	.501 to .625	125	24	1,341.06 \$ 1,471.25
M3XP - plus	.501 to .625	125	24	1,341.06 \$ 1,471.25
M35XM - minus	.5015 to .6255	125	24	1,341.06 \$ 1,471.25
M35XP - plus	.5015 to .6255	125	24	1,341.06 \$ 1,471.25
M4XM - minus	.626 to .750	125	33	1,421.23 \$ 1,471.25
M4XP - plus	.626 to .750	125	33	1,421.23 \$ 1,471.25
M45XM - minus	.6265 to .7505	125	33	1,421.23 \$ 1,471.25
M45XP - plus	.6265 to .7505	125	33	1,421.23 \$ 1,471.25
M5XM - minus	.751 to .832	82	29	1,194.08 \$965.14
M5XP - plus	.751 to .832	82	29	1,194.08 \$965.14
M55XM - minus	.7515 to .8325	82	29	1,194.08 \$965.14
M55XP - plus	.7515 to .8325	82	29	1,194.08 \$965.14
M6XM - minus	.833 to .916	84	35	1,257.24 \$988.68
M6XP - plus	.833 to .916	84	35	1,257.24 \$988.68
M65XM - minus	.8335 to .9165	84	35	1,257.24 \$988.68
M65XP - plus	.8335 to .9165	84	35	1,257.24 \$988.68
M7XM - minus	.917 to 1.000	84	41	1,441.88 \$988.68
M7XP - plus	.917 to 1.000	84	41	1,441.88 \$988.68
M75XM - minus	.9175 to 1.0005	84	41	1,441.88 \$988.68
M75XP - plus	.9175 to 1.0005	84	41	1,441.88 \$988.68

(\* ) Calibration report for all components is an option, and priced in addition to set price.



# Class X Library Sets

## 0.00004" CLASS X LIBRARY SERIES

Z Model No.	Wt. (lbs)	Size Range	Number of members	Price	*Cal.Report
LCX - minus	120	.011" to .750"	(740 gages)	\$5,920.59	\$8,709.80
LCX - plus	120	.011" to .750"	(740 gages)	5,920.59	8,709.80
L1X - minus	120	.061" to .750"	(690 gages)	5,490.57	8,121.30
L1X - plus	120	.061" to .750"	(690 gages)	5,490.57	8,121.30
L2CX - minus	96	.011" to .5005"	(980 gages in .0005" increments)	6,170.82	11,534.60
L2CX - plus	96	.011" to .5005"	(980 gages in .0005" increments)	6,170.82	11,534.60
L2X - minus	95	.061" to .5005"	(880 gages in .0005" increments)	5,397.04	10,357.60
L2X - plus	95	.061" to .5005"	(880 gages in .0005" increments)	5,397.04	10,357.60
**L3X - minus	240	.061" to 1.000"	(940 gages)	9,275.66	11,063.80
**L3X - plus	240	.061" to 1.000"	(940 gages)	9,275.66	11,063.80
**L4X - minus	240	.011" to 1.000"	(990 gages)	9,642.51	11,652.30
**L4X - plus	240	.011" to 1.000"	(990 gages)	9,642.51	11,652.30

(\*\*)Consists of (2) four-drawer cabinets

(\*) Calibration report for all components in set is an option, and priced in addition to set price.

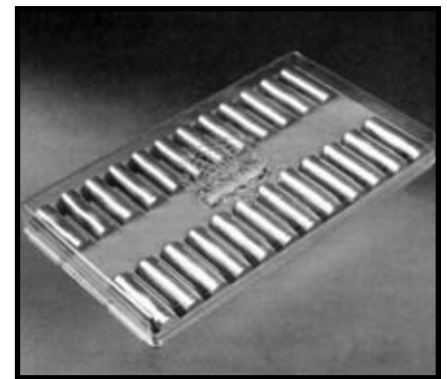


## Class X MG-25 Series

Used as masters to calibrate measuring equipment and check linearity of comparators, micrometers, and calipers. These "Tenth Step" gage sets have unlimited applications, such as quality control inspection, prototype work and production layout. Inspectors select from the range of pins to find the size of a hole or slot. These round masters simulate a cylindrical part which, unlike flat blocks, can detect uneven wear on the tips of micrometers and calipers. The thin "line" of contact detects uneven face wear better than flat gage blocks with large contact area.

### Features:

- Each set contains 25 pieces of Class X tolerance (.00004") gage pins. Traceable to NIST
- Choice of two tolerances: Plus (+.00004") or Minus (-.00004")
- Sets consist of a center nominal size, and 12 gages larger in .0001" steps and 12 gages smaller in .0001" steps. Metric sets available in 0.01mm increments.
- Each gage is inspected and has a 2 microfinish or better.
- Heat treated and through hardened to 60-62 Rockwell C
- All pin gages over .060" or 1.51 mm are laser marked with size direction of tolerance and serial number for traceability.



GAGE SET NO.	NOMINAL SIZE RANGE		SET PRICE
	<i>English</i>	<i>or Metric</i>	
MG1-25	.0122" to .0609"	0.28mm to 1.54mm	\$374.10
MG2-25	.0610" to .2509"	1.55mm to 6.37mm	186.11
MG3-25	.2510" to .5009"	6.38mm to 12.72mm	214.55
MG4-25	.5010" to .7499"	12.73mm to 19.04mm	296.09
MG5-25	.7500" to .8129"	19.05mm to 20.64mm	414.55

(\*) Calibration report for all components is an option, and priced in addition to set price.

