

MEYER GAGE COMPANY

2021 - 2022 CATALOG



Phone: 800-243-7087

www.meyergage.com

Fax: 860-528-1428

**ISO 9001 Certified
ISO 17025 Accredited Calibration Services**

Meyer Gage Calibration Laboratory

Meyer Gage Company, Inc. is extremely pleased to provide ISO 17025 accredited calibration services with instrumentation capabilities reaching dimensional accuracy levels down to a mere 2 millionths (0.05 microns) of an inch.

Meyer Gage's dedicated, fully-automated climate controlled inspection room promotes the highest levels of gaging and measurement reliability standards, while delivering the lowest level of measurement uncertainty than any other time in our 50 year history.

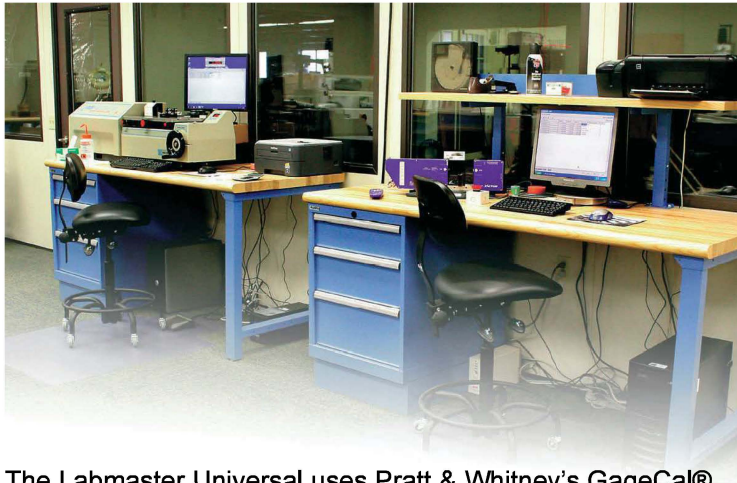
We utilize two Pratt & Whitney LabMaster Universal® laser-based universal length measuring (ULM) systems for gage calibration that can precisely measure:

- length
- outside diameter
- pitch diameter
- linear displacement
- thickness
- taper
- inside diameter
- major/minor diameter
- lead



The ULM system maintains ultra-high accuracy by fully integrating a laser interferometer, zero Abbe offset design, and a large measuring table with center position, height, pitch, and yaw controls.

The Pratt & Whitney proprietary system helps remove operator-influenced errors commonly observed with traditional gaging methods, by using a computer-controlled, precision air-bearing slide and gaging fingers —to maintain a constant force during measurement.



The Labmaster Universal uses Pratt & Whitney's GageCal® software that automatically enters tolerances for:

- rings
- pins
- threads (calculates pitch/major diameter)
- plugs
- balls

The ULM and GageCal software combination also flags out-of-tolerance conditions.

To sustain these high levels of reliability, this inspection station is housed within our 20' x 44' laboratory which includes a custom designed HVAC system with a microprocessor-based environmental management system to allow for more precise temperature and humidity control.

This new addition to our South Windsor, CT facility can deliver some of the highest levels of gaging and measurement reliability in the industry. Meyer Gage has positioned itself to bring new levels of quality to our customers —now, within 50 nanometers of precision.

The Labmaster Universal (LM U306270) is suitable for virtually all internal (ID) and external (OD) measuring applications within a range of 0.020 inch (0.5 mm) to 14 inches (356 mm).

Some of the ULM measuring capabilities include:

- gage blocks
- pin & plug gages
- tapered plugs
- end standards
- snap gages
- plain rings, threaded rings & plugs
- cylindrical setting gages
- API gages
- micrometers, indicators, LVDTs, calipers



Meyer Gage Company "Gagemakers for the World"



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WARRANTY:

Meyer Gage warrants all gages for 30 days from date of shipment, except in cases of customer error, misuse or mishandling. This 30 day period allows ample time for all gages to be inspected for any manufacturing inaccuracies. MEYER GAGE MAKES NO OTHER WARRANTIES OR CONDITIONS ON THE PRODUCTS, EXPRESS, IMPLIED, OR STATUTORY AND MEYER GAGE HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

CERTIFICATIONS:

Contact us when you need a quote for calibration services or view our price list on page 5. We will gladly provide you a copy of our laboratory scope and uncertainties. The laboratory environment is maintained at 68° degree Fahrenheit (+/- 1.0°) 24/7 365 days a year. The laboratory has successfully completed an A2LA evaluation process and accreditation has been granted Certificate Number 3340.01 per ISO/IEC 17025:2017 standards

Terms of Sale: CONDITIONS:

In the event of nonconforming or defective goods or of any claimed loss or damage, buyer's sole remedy and measure of damages shall be the return of the within goods and repayment of the purchase price, or the replacement of nonconforming or defective goods or parts. In no event shall buyer be entitled to consequential damages.

The ABC's of Plug Gages

The ABC's of Plug Gages

Plug Gage Measuring - the art of using pre-sized precision metal plugs to determine the acceptability of diameters of drilled or machined holes.

Go/NOGO Measurement - A GO gage is used to check the lower limit of a hole. A NOGO gage is used to check the upper limit of a hole. If the GO gage enters the hole and the NOGO gage is unable to enter, the design specifications of the hole have been met.

Uses - for precision GO/NOGO measuring of hole sizes and depths, checking hole location and distance, and setting micrometers. All gages are uniformly 2" long with ground ends, allowing you to use both ends for increased gage life. Gages are Carbon Chrome Alloy Steel (grade 52100 bearing quality steel) and heat treated to a 60-62 Rockwell C hardness. All of our products come with a Certificate of Class Conformance, traceable to NIST (National Institute for Standards Technology). The size and "+" (GO) or "-" (NOGO) are laser etched with a Meyer Exclusive Serial Number feature to ensure traceability on your shop floor on all gages that are .061" and larger.

Class ZZ Gages - These gages have an inch tolerance of .0002" and a metric tolerance of .005mm. They are practical where good precision and speed are important.

Class Z Gages - These gages have an inch tolerance of .0001" and a metric tolerance of .0025mm. They are one half the deviation of the ZZ, for a better fit.

Class X Gages - These gages are available with an inch tolerance of .00004" and a metric tolerance of .001mm. These gages are used where greater precision is needed.

Class XX Gages - These gages have an inch tolerance of .00002" and a metric tolerance of .0005mm. They are one half of the deviation of the X. Great for your most critical needs.

Length and Finish - All gages are 2 inches or 51mm long with ground ends for long life.

52100 Steel - This is bearing quality, Carbon Chrome Alloy Steel heat treated to 60-62 Rockwell C hardness and is considered the preferred material for the highest quality plug gages.

Certificate of Class Conformance - Assurance issued with each shipment of quality gages that conformance characteristics are traceable to NIST.

NIST - National Institute of Standards and Technology

Serial Number Etching - A feature that is exclusive to Meyer Gages and essential in assuring traceability on the shop floor on all gages that are 0.061" and larger.

Information on How to Take Care of your Meyer Gage

Clean the part before gaging.

Get rid of dirt, coolant, and chips.

Protect the gage from damage. Nicks and burrs allow inaccurate results.

Do not force the gage.

Use light pressure.

Keep gages clean and oiled. This increases wear life.

Avoid handling gaging surfaces. Fingerprints cause rust.

What Plug Gages Are...

1. Used to inspect holes or slots for pass or fail conditions only.
 2. Used as masters for setting micrometers, verniers, or calipers.
-

What Plug Gages Are Not...

1. Used to measure the exact or actual size.
 2. Resizing tools, or reamers.
 3. Deburring tools, or clean out tools.
-



Ordering Information

Meyer Gage products are sold and distributed worldwide. We offer and arrange for you daily shipments through all major carriers worldwide. To place an order, visit our distributor locator at www.meyergage.com to find your local distributor, or call our customer service department at 800-243-7087 for helpful, friendly assistance.

Premium Factory Processing Service

Meyer Gage continues to work hard to meet the expectations of our customers for product quality, responsiveness, and competitive pricing - while supplying the very finest fixed limit gages.

To further our commitment to you, we offer expediting services for orders requiring same-day processing and shipment, or rush services on custom made products. These special services will be charged a Premium Factory Processing Fee (35% of the net total order). Depending on the time, quantity and complexity of your order, shipping may be delayed until the following business day. While Meyer Gage cannot guarantee same-day shipment for all orders, we make every reasonable attempt to meet these shortened deadlines. (Shipping charges from the carrier of your choice are in addition to this service)

Plug Gage Tolerance & Selection

Standard practice in American industry is to allow 5% of the component hole tolerance for the GO gage tolerance and 5% for the NOGO gage tolerance. The GO gage, whose nominal size is at the low limit of the hole to be checked is generally given a plus tolerance in order to insure that all parts accepted fall within the product tolerance. For the same reason the NOGO gage, whose nominal is at the high limit of the product tolerance, is given a minus tolerance. In this age of strict product liability, perhaps it is better to reject a few acceptable parts than to pass any out-of-tolerance parts. The GO gage plus tolerance and the NOGO minus tolerance have become universal in American industry and 10% of the hole tolerance (5% at each end) is sacrificed to insure that all pieces accepted are within tolerance.

There can be several reasons for using finer or coarser tolerances that the 10% rule would dictate. In a case where the production process is such that a significant number of acceptable parts are expected to fall into either of the 5% areas of product tolerance which may be rejected due to gage tolerance, a tighter tolerance should be considered. The value of these parts or the effort necessary to re-inspect them weighed against the cost of a finer gage (such as Class X, Class XX, or Class XXX) can more than justify the cost of the finer tolerance.

Calibration Price List:

Print Date: 8/9/2021

Cert #: 40966



MEYER GAGE COMPANY INC. Certificate of Calibration



Calibration Performed By:

MEYER GAGE COMPANY, INC.
230 BURNHAM STREET
SOUTH WINDSOR, CT, 06074

For:

YOUR COMPANY NAME
123 MAIN STREET
ANY TOWN, ST. 00000

Equipment Information

Purchase Order: 01234
Description: RING GAGE - STEEL
Manufacturer: MEYER GAGE COMPANY INC.
Gage Type: CLASS XX
Model Number: 0.500" MASTER
Temp./RH: 68.1 F / 43.7 %
Cal Date: 8/9/2021
Cal. Due Date:

Equipment: PRATT & WHITNEY LABMASTER LMU

Condition of Gage: NEW
Unit of Measure: INCH
Tolerance: ASME B89.1.6-2002
Performed By: JAE MEYER
Calibration Result: Within Class Tolerance
Notes:

Calibration Method Used: MEYER-02

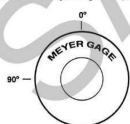
Measurements taken using Pratt & Whitney absolute laser interferometer serial number LMU-2327 date calibrated 11/3/2020 calibration due date 11/3/2021. Master gage blocks serial number LMA4 date calibrated 10/26/2020, calibration due date 10/26/2021.


Test Points

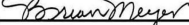
Description	Tolerance -	Tolerance +	Top	Center	Bottom	Serial Num.
0.500000 0"	0.499990	0.500010	0.500001	0.500005	0.499999	G21
90°			0.500003	0.500006	0.500001	

* = Out of Tolerance

This certificate, and the calibration performed, meets or exceeds requirements set forth in ISO/IEC 17025. Calibration results relate only to the items being calibrated. Measurements made conform to the tolerance specifications listed in ASME B89.1.6-2002 Standard unless listed as otherwise. The material/gaging covered by this certification, has been compared to masters traceable to N.I.S.T. through master pins controlled by calibration schedule. The expanded uncertainty associated with this measurement is $9.7 \mu\text{in} \pm 2.4 \mu\text{in/in}$ (for diameter 0.04in to 0.125in), $9.9 \mu\text{in} \pm 1.1 \mu\text{in/in}$ (for diameter 0.125in to 1.0in), $11 \mu\text{in}$ (for diameter 1.0in to 4.0in) - using a coverage factor of K=2 which provides confidence level of approximately 95%. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. This certification is neither a contract or a contractual representation. Meyer Gage Co.'s responsibility, in no event whatsoever, shall exceed the purchase price of this calibration. This report may not be copied or reproduced except in full, without written approval from the Meyer Gage Company Inc.



Calibrated By: 
Calibration Technician

Reviewed By: 

Page 1 of 1 Cert # 40966

Calibration Certificate #3340-01

Certificate of Class/Conformance (compliance)

- included FREE with all orders

Note: This certificate does not report individual gage measurements.

Certificate of Class/Conformance certifies that a new gage or set of gages has been inspected by comparison with master gages traceable to the National Institute of Standards and Technology (N.I.S.T.) and found to be within proper tolerances and physical condition per the listed Standard.

Certificate of Calibration - ISO 17025 accredited
- available for an additional charge

Meyer Gage offers ISO 17025 A2LA accredited Certifications of Calibration (long form certificate) for new and used cylindrical fixed limit Pin, Plug, and Ring gages, including Thread Measuring Wires and Gear Wires. This certificate reports individual gage measurements, compliance to ISO 17025 and the specific listed Standard, traceability to N.I.S.T. and A2LA, measurement uncertainty, and temperature/relative humidity. Included with each certificate is an associated tamper-proof adhesive calibration label.

Traceability between a gage and the certificate is established by a unique I.D., when provided, permitted, or necessary.

A2LA 17025 Certifications Per Piece Price

PLUG & RINGS GAGES

	New	Customer
Class ZZ or Z Pin Set	\$ 2.50	\$3.50
Class ZZ or Z Individual Pins	\$ 7.00	\$9.00
Class XX or X Pin Set	\$15.00	\$18.00
Class XX or X Individual Pins	\$25.00	\$35.00
Master Setting Discs (per Dimension)	\$35.00	\$45.00
Trilock Gage (all Classes)	\$35.00	\$45.00
Taperlock Gage (all Classes)	\$35.00	\$45.00
Progressive Gage (all Classes)	\$70.00	\$90.00
Ring Gage (Catalog Offering)	\$45.00	\$60.00
Custom Length Class ZZ	\$10.00	\$16.00
Custom Length Class X	\$35.00	\$45.00

THREAD WIRE & GEAR WIRE PRODUCTS

	New	Customer
Thread Wire Sets (price for 3 wires)	\$35.00	\$45.00
Gear Wire Sets (price for 2 wires)	\$35.00	\$45.00

Pricing is calculated for each gage member.

Individual certificates and stickers or additional copies are \$5.00 each.

Meyer Gage's A2LA accredited calibration laboratory meets or exceeds the dimensional, humidity, and temperature requirements per ISO 17025. To view our scope of accreditation, please visit: <http://www.a2la.org/scopepdf/3340-01.pdf>



Individual Class Z Gage Pins

Replace missing pins! Don't live with broken sets. We stock these replacement pins in even and half-thousand sizes for immediate shipment. All pins over 0.060"/1.51mm are laser marked with size and direction of tolerance. But we don't stop there. We've also added a serial number lasered onto each piece for traceability.

English

.005	to	.0105	\$ 9.98
.011	to	.0605	4.54
.061	to	.5005	4.06
.501	to	.6255	5.57
.626	to	.7505	8.09
.751	to	.8325	12.14
.833	to	.9165	13.87
.917	to	1.015	14.34



*IMPORTANT: Specify PLUS or MINUS when ordering individual members.
Size increments available in 0.0005"/0.01mm

Metric

0.220	to	1.510	\$ 5.57
1.520	to	12.710	5.06
12.720	to	15.310	6.37
15.320	to	17.810	9.99
17.820	to	20.370	12.01
20.380	to	22.050	14.07
22.060	to	23.730	15.76
23.740	to	25.410	17.72



Individual Class X, XX Gage Pins

These pins have the same features as our Class Z pins, but with a 0.00004" tolerance limit and a 0.00002" roundness limit. They are great for your inspection needs or when you want to maximize your GO/NOGO tolerance limit. They're also a great way to calibrate measuring equipment, micrometers and calipers. We make all sizes for your special needs. All pins over 0.060" or 1.51 mm are laser marked with size and direction of tolerance. We've also added a serial number lasered onto each piece for traceability.

When an even tighter tolerance is needed, Meyer Gage makes XX pin gages. With a tolerance of 0.00002" and a roundness limit of 0.00001", it's our tightest tolerance yet for your most critical inspection needs. They're our best gages to calibrate your measuring equipment, micrometers and calipers. All pins over 0.060" or 1.51mm are laser marked with size and direction of tolerance. We've also added the serial number for traceability.




Inch	ClassX	2-5	6-9	10&up	Class XX	2-5	6-9	10&up
.0110" to .0759"	\$20.09	\$19.09	\$18.08	\$17.08	\$40.17	\$38.16	\$36.16	\$34.15
.0760" to .5009"	\$16.24	\$15.43	\$14.62	\$13.81	\$32.48	\$30.86	\$29.24	\$27.61
.5010" to .7499"	\$23.08	\$21.93	\$20.77	\$19.62	\$46.15	\$43.84	\$41.53	\$39.22
.7500" to 1.0000"	\$28.62	\$27.19	\$25.76	\$24.33	\$57.25	\$54.39	\$51.53	\$48.66
Metric	Class X				Class XX			
.28mm to 1.90mm	\$20.09	\$19.09	\$18.08	\$17.08	\$40.17	\$38.16	\$36.16	\$34.15
1.91mm to 12.70mm	\$16.24	\$15.43	\$14.62	\$13.81	\$32.48	\$30.86	\$29.24	\$27.61
12.71mm to 19.02mm	\$23.08	\$21.93	\$20.77	\$19.62	\$46.15	\$43.84	\$41.53	\$39.22
19.03mm to 25.40mm	\$28.62	\$27.19	\$25.76	\$24.33	\$57.25	\$54.39	\$51.53	\$48.66

Please specify **PLUS** or **MINUS**. Also available **Class X, XX BILATERAL** (split tolerance). Add 25% to prices shown. Combine identical sizes within given Class for quantity price break.

See page 5 for Calibration Services

English GO/NOGO Gages with Handle

Price Range	Diameter Range	Class Z GO		Class X GO		Class XX GO	
		Class Z GO/NOGO Ass'y. (220A)	Assembly <u>or</u> NOGO Ass'y. (225B)	Class X GO/NOGO Ass'y. (230C)	Assembly <u>or</u> NOGO Ass'y. (235D)	Class XX GO/NOGO Ass'y. (236I)	Assembly <u>or</u> NOGO Ass'y. (237J)
	1 0.0110" to 0.0755"	\$25.25	\$16.67	\$60.58	\$33.50	\$ 121.16	\$ 66.97
	2 0.0760" to 0.1805"	25.02	16.12	52.71	29.56	105.40	59.09
	3 0.1810" to 0.2815"	26.88	17.73	53.20	30.05	106.38	60.08
	4 0.2820" to 0.4065"	27.41	18.28	54.66	31.02	109.34	62.07
	5 0.4070" to 0.5005"	31.71	22.04	58.62	33.50	117.22	66.97
	6 0.5010" to 0.5105"	34.40	22.57	74.35	41.38	148.79	82.73
	7 0.5110" to 0.6255"	41.91	27.96	81.26	47.28	162.51	94.56
	8 0.6260" to 0.6355"	47.60	31.18	81.26	47.28	162.51	94.56
	9 0.6360" to 0.7505"	50.30	33.31	83.73	49.27	167.47	98.51
	10 0.7510" to 0.7605"	58.89	37.62	96.53	55.65	193.04	111.28
	11 0.7610" to 0.8325"	72.00	48.36	107.26	64.52	214.50	129.04
	12 0.8330" to 0.9165"	74.15	50.51	107.26	64.52	214.50	129.04
	13 0.9170" to 1.0005"	75.75	52.66	107.26	64.52	214.50	129.04

Order in 4 Easy Steps:

List Product Group **Ex: 225B**

Price Range **4**

Size Needed **.400**

Choice of Plus or Minus Tol. **Minus**

.400" Minus Single End Assembly would be ordered as Product Group 225B, Price Range 4, Size .400" Minus

Metric GO/NOGO Gages with Handle

Price Range	Diameter Range (mm)	Class Z GO		Class X GO		Class XX GO	
		Class Z GO/NOGO Ass'y. (240E)	Assembly <u>or</u> NOGO Ass'y. (245F)	Class X GO/NOGO Ass'y. (250G)	Assembly <u>or</u> NOGO Ass'y. (255H)	Class XX GO/NOGO Ass'y. (256K)	Assembly <u>or</u> NOGO Ass'y. (257L)
	1 0.22mm to 1.90mm	\$ 27.41	\$ 17.20	\$ 60.58	\$33.50	\$121.16	\$ 66.97
	2 1.91mm to 4.56mm	27.41	17.20	52.71	29.56	105.40	59.09
	3 4.57mm to 7.14mm	27.91	17.73	53.20	30.05	106.38	60.08
	4 7.15mm to 10.32mm	29.56	18.81	54.66	31.02	109.34	62.07
	5 10.33mm to 12.70mm	33.84	21.50	58.62	33.50	117.22	66.97
	6 12.71mm to 12.96mm	36.64	22.89	74.35	41.38	148.74	82.73
	7 12.97mm to 15.30mm	44.19	29.35	81.26	47.28	162.51	94.56
	8 15.31mm to 16.20mm	51.90	33.20	81.26	47.28	162.51	94.56
	9 16.21mm to 19.30mm	58.89	35.36	83.73	49.27	167.47	98.51
	10 19.31mm to 20.36mm	70.60	47.17	96.87	55.70	193.04	111.41
	11 20.37mm to 22.04mm	74.89	49.33	107.26	64.52	214.50	129.04
	12 22.05mm to 23.72mm	79.19	51.46	107.26	64.52	214.50	129.04
	13 23.73mm to 25.41mm	83.48	53.63	107.26	64.52	214.50	129.04

One complete GO/NOGO gage includes: one Plus member (GO), one Minus member (NOGO), one Double End Handle with Bushings assembled.

GO gage includes: one Plus member with Single End Handle and Bushing assembled.

NOGO gage includes: one Minus member with Single End Handle and Bushing assembled.

GO/NOGO gages are available with special diameter or length gages, prices on request.

Gage Handles marked with size and direction of tolerance. *Additional markings \$0.50 per character.



See page 5 for Calibration Services

Black Oxide Coated Class ZZ GO/NOGO Gages

Black OX from Meyer Gage

Gage pins with a durable protective black oxide coating.

Example of how to order: 216B 4 .3250+

Black OX is a division of Meyer Gage



Features Include:

- ☐ Black Oxide treatment
- ☐ Class ZZ .0002" tolerance –gages clearly marked
- ☐ No sharp edges
- ☐ All gages 2" long
- ☐ Available in 0.001" increments
- ☐ Certificate of conformance to ANSIB89.1.5-1998

Uses:

- ☐ Measuring hole size and depth-checking locations
- ☐ GO & NOGO gaging
- ☐ Inspect holes, or slots for pass/fail conditions
- ☐ Check micrometers and calipers

Finish

- ☐ Black OX surface treatment
- ☐ Centerless ground
- ☐ 10 micro-inch finish
- ☐ Heat treated to 60-62 Rockwell C
- ☐ Each gage with .0002" limit
- ☐ Roundness Geometry .0001" limit

		Class ZZ	
		GO/NOGO	GO or NOGO
Price			
Range	Description	Ass'y. (215A)	Ass'y. (216B)
1	0.0110" to 0.075"	\$22.45	\$14.96
2	0.0760" to 0.180"	\$21.78	\$14.77
3	0.1810" to 0.281"	\$24.02	\$15.31
4	0.2820" to 0.406"	\$24.88	\$16.34
5	0.4070" to 0.500"	\$29.04	\$18.93
6	0.5010" to 0.510"	\$31.06	\$19.94
7	0.5110" to 0.625"	\$38.31	\$26.15
8	0.6260" to 0.635"	\$42.36	\$28.17
9	0.6360" to 0.750"	\$44.96	\$30.25

One complete GO/NOGO gage includes:

- one Plus member (GO)
- one Minus member (NOGO)
- one Double End Handle with Bushings assembled

GO gage includes:

- one Plus member with Single End Handle and Bushing assembled

NOGO gage includes:

- one Minus member with Single End Handle and Bushing assembled

Gage Handles marked with size and direction of tolerance.

*Additional markings \$0.50 per character.



Gage Handles & Accessories



Handles furnished without bushings. Bushings sold separately (see below). Custom engraving available at \$.50 per character.

Plug Gage Diameter (mm)	Double End Handle #	Price	Single End Handle #	Price
0.005" to 0.075" (0.13 to 1.89)	1WDE	\$7.55	1WSE	\$ 7.07
0.076" to 0.180" (1.90 to 4.57)	2WDE	\$8.57	2WSE	7.55
0.181" to 0.281" (4.58 to 7.13)	3WDE	\$9.07	3WSE	8.07
0.282" to 0.406" (7.14 to 10.31)	4WDE	\$10.57	4WSE	9.07
0.407" to 0.510" (10.32 to 12.95)	5WDE	\$14.61	5WSE	11.59
0.511" to 0.635" (12.95 to 16.12)	6WDE	\$18.64	6WSE	16.12
0.636" to 0.760" (16.13 to 19.30)	7WDE	\$21.16	7WSE	18.14
0.761" to 1.010" (19.31 to 25.41)	8WDE	\$32.15	8WSE	27.21

English Wire type, Cylindrical Gage Bushings

1W010 thru 5W510 \$3.50 each
6W532 thru 8W1.00 \$5.00 each

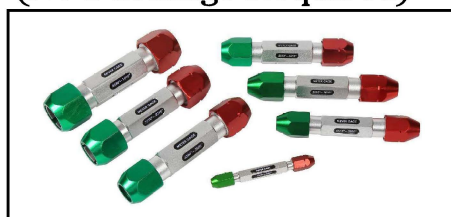
MATERIAL

1W thru 5W BRASS
6W thru 8W ALUMINUM



Range Bushing# Above Thru	Range Bushing# Above Thru	Range Bushing# Above Thru	Range Bushing# Above Thru
1W010 .005 .010	2W131 .124 .131	4W301 .291 .301	6W579 .563 .579
1W015 .010 .015	2W138 .131 .138	4W311 .301 .311	6W594 .579 .594
1W020 .015 .020	2W145 .138 .145	4W321 .311 .321	6W610 .594 .610
1W025 .020 .025	2W152 .145 .152	4W331 .321 .331	6W625 .610 .625
1W030 .025 .030	2W159 .152 .159	4W341 .331 .341	6W635 .625 .635
1W035 .030 .035	2W166 .159 .166	4W351 .341 .351	7W656 .635 .656
1W040 .035 .040	2W173 .166 .173	4W361 .351 .361	7W672 .656 .672
1W045 .040 .045	2W180 .173 .180	4W371 .361 .371	7W688 .672 .688
1W050 .045 .050	3W188 .180 .188	4W382 .371 .382	7W704 .688 .704
1W055 .050 .055	3W196 .188 .196	4W394 .382 .394	7W719 .704 .719
1W060 .055 .060	3W204 .196 .204	4W406 .394 .406	7W735 .719 .735
1W065 .060 .065	3W212 .204 .212	5W420 .406 .420	7W750 .735 .750
1W070 .065 .070	3W220 .212 .220	5W435 .420 .435	7W760 .750 .760
1W075 .070 .075	3W228 .220 .228	5W450 .435 .450	8W781 .760 .781
2W082 .075 .082	3W236 .228 .236	5W465 .450 .465	8W812 .781 .812
2W089 .082 .089	3W244 .236 .244	5W480 .465 .480	8W843 .812 .843
2W096 .089 .096	3W252 .244 .252	5W495 .480 .495	8W875 .843 .875
2W103 .096 .103	3W261 .252 .261	5W510 .495 .510	8W906 .875 .906
2W110 .103 .110	3W271 .261 .271	6W532 .510 .532	8W937 .906 .937
2W117 .110 .117	3W281 .271 .281	6W547 .532 .547	8W968 .937 .968
2W124 .117 .124	4W291 .281 .291	6W563 .547 .563	8W1.000 .968 1.010

Lightweight Universal Handles (No Bushings Required)



Handle No.	Price	Range (inch)	Range (mm)
1PGHDE	\$22.55	.0110" - .0605"	.22mm - 1.51mm
2PGHDE	\$24.15	.0610" - .2505"	1.52mm - 7.71mm
3PGHDE	\$26.64	.2510" - .5005"	7.72mm - 12.71mm
4PGHDE	\$28.38	.5010" - .6255"	12.72mm - 15.31mm
5PGHDE	\$32.46	.6260" - .7505"	15.32mm - 17.81mm
6PGHDE	\$43.67	.7510" - .8325"	17.82mm - 20.37mm
7PGHDE	\$45.12	.8330" - 1.0150"	20.38mm - 25.41mm
8PGHDE	\$190.73	Bundle Deal	Buy all 7 handles

See page 5 for Calibration Services



English Class Z Gage Sets

Meyer Gage

Class Z Pin Sets

We started making the original ZZ back in 1965 and our competition has tried, but can't copy the quality of these affordable pin gage sets. We now have taken the extra step for the better pin gage, Class Z.

Introducing the MEYER Z. A closer tolerance (0.0001), more accurate, and better for your needs. (See top right corner of page for details.) We have done it again. We've made a better pin gage that no other has attempted with the same great features listed below.

FEATURES:

MORE FEATURES THAN GAGES COSTING TWICE THE PRICE.

- ☐ 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 (M-0 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 8 microfinish or better
- ☐ Heat treated to a hardness of 60-62 Rockwell C
- ☐ All English gages with 0.0001" limit



Here is a comparison of Class ZZ and the Class Z gage pin specifications.

	OLD Class ZZ	NEW Class Z
Size deviation:	0.0002"	0.0001"
Roundness geometry:	0.0001"	0.00005"
Surface finish:	10 micro	8 micro
The Meyer Gage Class Z gage pin will meet or exceed the requirements of Class ZZ, and can replace the Class ZZ in any situation or application.		

Gage Set No.	Gage - Size	Pieces	Wt/Lbs.	Price
M0M - minus	0.0110" to 0.0600"	50	1	\$ 95.31
M0P - plus	0.0110" to 0.0600"	50	1	95.31
M05M - minus	0.0115" to 0.0605"	50	1	100.31
M05P - plus	0.0115" to 0.0605"	50	1	100.31
C10M - minus	0.0110" to 0.2500"	240	8	293.84
C10P - plus	0.0110" to 0.2500"	240	8	293.84
C105M - minus	0.0115" to 0.2505"	240	8	298.84
C105P - plus	0.0115" to 0.2505"	240	8	298.84
M1M - minus	0.0610" to 0.2500"	190	8	214.43
M1P - plus	0.0610" to 0.2500"	190	8	214.43
M15M - minus	0.0615" to 0.2505"	190	8	219.43
M15P - plus	0.0615" to 0.2505"	190	8	219.43
M2M - minus	0.2510" to 0.5000"	250	23	317.66
M2P - plus	0.2510" to 0.5000"	250	23	317.66
M25M - minus	0.2515" to 0.5005"	250	23	322.66
M25P - plus	0.2515" to 0.5005"	250	23	322.66
M3M - minus	0.5010" to 0.6250"	125	24	373.27
M3P - plus	0.5010" to 0.6250"	125	24	373.27
M35M - minus	0.5015" to 0.6255"	125	24	378.27
M35P - plus	0.5015" to 0.6255"	125	24	378.27
M4M - minus	0.6260" to 0.7500"	125	33	412.97
M4P - plus	0.6260" to 0.7500"	125	33	412.97
M45M - minus	0.6265" to 0.7505"	125	33	417.97
M45P - plus	0.6265" to 0.7505"	125	33	417.97
M5M - minus	0.7510" to 0.8320"	82	29	701.39
M5P - plus	0.7510" to 0.8320"	82	29	701.39
M55M - minus	0.7515" to 0.8325"	82	29	716.39
M55P - plus	0.7515" to 0.8325"	82	29	716.39
M6M - minus	0.8330" to 0.9160"	84	35	818.27
M6P - plus	0.8330" to 0.9160"	84	35	818.27
M65M - minus	0.8335" to 0.9165"	84	35	823.27
M65P - plus	0.8335" to 0.9165"	84	35	823.27
M7M - minus	0.9170" to 1.0000"	84	41	857.25
M7P - plus	0.9170" to 1.0000"	84	41	857.25
M75M - minus	0.9175" to 1.0005"	84	41	862.25
M75P - plus	0.9175" to 1.0005"	84	41	862.25

See page 5 for Calibration Services



English Class Z Library Sets

Z Model No.	Wt. (lbs)	Size Range	Number of members	Price
LS - minus	87	0.011" to 0.625"	(615 gages)	1,190.17
LS - plus	87	0.011" to 0.625"	(615 gages)	1,190.17
LC - minus	120	0.011" to 0.750"	(740 gages)	1,723.86
LC - plus	120	0.011" to 0.750"	(740 gages)	1,723.86
L1 - minus	120	0.061" to 0.750"	(690 gages)	1,645.92
L1 - plus	120	0.061" to 0.750"	(690 gages)	1,645.92
L2C - minus	96	0.011" to 0.5005"	(980 gages in .0005" increments)	1,552.40
L2C - plus	96	0.011" to 0.5005"	(980 gages in .0005" increments)	1,552.40
L2 - minus	95	0.061" to 0.5005"	(880 gages in .0005" increments)	1,396.54
L2 - plus	95	0.061" to 0.5005"	(880 gages in .0005" increments)	1,396.54
L3 - minus	240	0.061" to 1.000"	(940 gages)	4,195.83
L3 - plus	240	0.061" to 1.000"	(940 gages)	4,195.83
L4 - minus	240	0.011" to 1.000"	(990 gages)	4,273.76
L4 - plus	240	0.011" to 1.000"	(990 gages)	4,273.76
L5 - minus	140	0.751" to 1.000"	(250 gages)	2,744.75
L5 - plus	140	0.751" to 1.000"	(250 gages)	2,744.75

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



Class ZZ Black OX Gage Sets

Black OX from Meyer Gage

Gage pins with a durable protective black oxide coating.

Black OX is a division of Meyer Gage

Features Include:

- ☐ Black Oxide treatment
- ☐ Class ZZ 0.061" and larger –gage clearly marked
- ☐ No sharp edges
- ☐ All gages 2" long
- ☐ All pins or sets available in 0.001" increments
- ☐ Certificate of conformance to ANSIB89.1.5-1998

Uses:

- ☐ Measuring hole size and depth-checking locations
- ☐ GO & NOGO gaging
- ☐ Inspect holes, or slots for pass/fail conditions
- ☐ Check micrometers and calipers

Finish:

- ☐ Black OX surface treatment
- ☐ Centerless ground
- ☐ 10 micro-inch finish
- ☐ Heat treated to 60-62 Rockwell C
- ☐ Each gage with 0.0002" limit



P/N	Description	Price
B0M -minus	.011" - .060"	\$79.35
B0P -plus	.011" - .060"	\$79.35
B10M -minus	.011" - .250"	\$251.28
B10P -plus	.011" - .250"	\$251.28
B1M -minus	.061" - .250"	\$177.22
B1P -plus	.061" - .250"	\$177.22
B2M -minus	.251" - .500"	\$264.50
B2P -plus	.251" - .500"	\$264.50
B3M -minus	.501" - .625"	\$310.79
B3P -plus	.501" - .625"	\$310.79
B4M -minus	.626" - .750"	\$343.85
B4P -plus	.626" - .750"	\$343.85



Replacement Pins

Description	Price
.011" to .060"	\$3.56
.061" to .500"	\$3.22
.501" to .625"	\$4.22
.626" to .750"	\$6.20

IMPORTANT: Specify plus or minus on replacement pins

Class ZZ Black OX Library Sets

Library Series of Pins with Heavy Duty Tool Chest

P/N	Description	Price
BSM -minus	.011" to .625"	\$1,115.05
BSP -plus	.011" to .625"	\$1,115.05
BCM -minus	.011" to .750"	\$1,459.44
BCP -plus	.011" to .750"	\$1,459.44
BAM -minus	.061" to .750"	\$1,381.68
BAP -plus	.061" to .750"	\$1,381.68

Features Include:

- ☐ Black Oxide treatment
- ☐ Class ZZ 0.061" and larger –gages clearly marked
- ☐ No sharp edges
- ☐ All gages 2" long
- ☐ All pins or sets available in 0.001" increments
- ☐ Certificate of conformance to ANSIB89.1.5-1998

Uses:

- ☐ Measuring hole size and depth-checking locations
- ☐ GO & NOGO gaging
- ☐ Inspect holes or slots for pass/fail conditions
- ☐ Check micrometers and calipers

Finish:

- ☐ Black OX surface treatment
- ☐ Centerless ground
- ☐ 10 micro-inch finish
- ☐ Heat treated to 60-62 Rockwell C
- ☐ Each gage with 0.0002" limit
- ☐ Roundness geometry 0.0001" limit



See page 5 for Calibration Services

Metric Z Gage Sets

Class Z

Just look at this selection of Metric gage pin sets. If we don't make it, you probably don't need it! These sets have all the features of our English sets, but provide the finer increments in size that you just can't get by converting English to Metric.

Meyer Gage Class Z Pin Sets

FEATURES:

MORE FEATURES THAN
GAGES COSTING TWICE
THE PRICE.

- ☐ 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 (M-0 not etched)
- ☐ Material: 52100 Bearing Steel
- ☐ No sharp edges
- ☐ 51mm overall length
- ☐ All sets in .02mm increments

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 8 microfinish or better
- ☐ Heat treated to a hardness of 60-62 Rockwell C
- ☐ All metric gages with .0025mm tolerance limit



Gage Set No.	Gage - Size	Pieces	Wt/Lbs.	Price
M0MMM - minus	.22 to 1.50	65	1	\$ 123.90
M0MMP - plus	.22 to 1.50	65	1	123.90
M01MMM - minus	.23 to 1.51	65	1	128.90
M01MMP - plus	.23 to 1.51	65	1	128.90
M1MMM - minus	1.52 to 7.70	310	10	436.79
M1MMP - plus	1.52 to 7.70	310	10	436.79
M11MMM - minus	1.53 to 7.71	310	10	441.79
M11MMP - plus	1.53 to 7.71	310	10	441.79
M2MMM - minus	7.72 to 12.70	250	25	470.15
M2MMP - plus	7.72 to 12.70	250	25	470.15
M21MMM - minus	7.73 to 12.71	250	25	475.15
M21MMP - plus	7.73 to 12.71	250	25	475.15
M3MMM - minus	12.72 to 15.30	130	24	520.98
M3MMP - plus	12.72 to 15.30	130	24	520.98
M31MMM - minus	12.73 to 15.31	130	24	525.98
M31MMP - plus	12.73 to 15.31	130	24	525.98
M4MMM - minus	15.32 to 17.80	125	30	552.74
M4MMP - plus	15.32 to 17.80	125	30	552.74
M41MMM - minus	15.33 to 17.81	125	30	557.74
M41MMP - plus	15.33 to 17.81	125	30	557.74
M5MMM - minus	17.82 to 20.36	128	38	656.19
M5MMP - plus	17.82 to 20.36	128	38	656.19
M51MMM - minus	17.83 to 20.37	128	38	661.19
M51MMP - plus	17.83 to 20.37	128	38	661.19
M6MMM - minus	20.38 to 22.04	84	32	785.55
M6MMP - plus	20.38 to 22.04	84	32	785.55
M61MMM - minus	20.39 to 22.05	84	32	790.55
M61MMP - plus	20.39 to 22.05	84	32	790.55
M7MMM - minus	22.06 to 23.72	84	37	907.13
M7MMP - plus	22.06 to 23.72	84	37	907.13
M71MMM - minus	22.07 to 23.73	84	37	912.13
M71MMP - plus	22.07 to 23.73	84	37	912.13
M8MMM - minus	23.74 to 25.40	84	41	932.06
M8MMP - plus	23.74 to 25.40	84	41	932.06
M81MMM - minus	23.75 to 25.41	84	41	937.06
M81MMP - plus	23.75 to 25.41	84	41	937.06

See page 5 for Calibration Services



Metric Z Library Sets

.0025 METRIC LIBRARY SERIES

Model No.	Wt. (lbs)	Size Range	Number of members	Price
L10MM - minus	124	1.52mm to 17.80mm	(815 gages)	\$2,295.87
L10MM - plus	124	1.52mm to 17.80mm	(815 gages)	2,295.87
L11MM - minus	124	1.53mm to 17.81mm	(815 gages)	2,295.87
L11MM - plus	124	1.53mm to 17.81mm	(815 gages)	2,295.87
L20MM - minus	183	17.82mm to 25.40mm	(380 gages)	3,633.17
L20MM - plus	183	17.82mm to 25.40mm	(380 gages)	3,633.17
L21MM - minus	183	17.83mm to 25.41mm	(380 gages)	3,633.17
L21MM - plus	183	17.83mm to 25.41mm	(380 gages)	3,633.17
L30MM - minus	305	1.52mm to 25.40mm	(1195 gages)	5,929.02
L30MM - plus	305	1.52mm to 25.40mm	(1195 gages)	5,929.02
L31MM - minus	305	1.53mm to 25.41mm	(1195 gages)	5,929.02
L31MM - plus	305	1.53mm to 25.41mm	(1195 gages)	5,929.02

(**) consists of (2) four-drawer cabinets

IMPORTANT: Specify **PLUS** or **MINUS** when ordering individual members.



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
M0XM - minus	.011 to .060	50	1	\$499.74
M0XP - plus	.011 to .060	50	1	499.74
M05XM - minus	.0115 to .0605	50	1	499.74
M05XP - plus	.0115 to .0605	50	1	499.74
M1XM - minus	.061 to .250	190	7	1,313.22
M1XP - plus	.061 to .250	190	7	1,313.22
M15XM - minus	.0615 to .2505	190	7	1,313.22
M15XP - plus	.0615 to .2505	190	7	1,313.22
C10XM - minus	.011 to .250	240	8	1,737.06
C10XP - plus	.011 to .250	240	8	1,737.06
C105XM - minus	.0115 to .2505	240	8	1,737.06
C105XP - plus	.0115 to .2505	240	8	1,737.06
M2XM - minus	.251 to .500	250	23	1,737.06
M2XP - plus	.251 to .500	250	23	1,737.06
M25XM - minus	.2515 to .5005	250	23	1,737.06
M25XP - plus	.2515 to .5005	250	23	1,737.06
M3XM - minus	.501 to .625	125	24	1,475.17
M3XP - plus	.501 to .625	125	24	1,475.17
M35XM - minus	.5015 to .6255	125	24	1,475.17
M35XP - plus	.5015 to .6255	125	24	1,475.17
M4XM - minus	.626 to .750	125	33	1,563.36
M4XP - plus	.626 to .750	125	33	1,563.36
M45XM - minus	.6265 to .7505	125	33	1,563.36
M45XP - plus	.6265 to .7505	125	33	1,563.36
M5XM - minus	.751 to .832	82	29	1,313.49
M5XP - plus	.751 to .832	82	29	1,313.49
M55XM - minus	.7515 to .8325	82	29	1,313.49
M55XP - plus	.7515 to .8325	82	29	1,313.49
M6XM - minus	.833 to .916	84	35	1,382.97
M6XP - plus	.833 to .916	84	35	1,382.97
M65XM - minus	.8335 to .9165	84	35	1,382.97
M65XP - plus	.8335 to .9165	84	35	1,382.97
M7XM - minus	.917 to 1.000	84	41	1,586.07
M7XP - plus	.917 to 1.000	84	41	1,586.07
M75XM - minus	.9175 to 1.0005	84	41	1,586.07
M75XP - plus	.9175 to 1.0005	84	41	1,586.07

See page 5 for Calibration Services



Class X Library Sets

0.00004" CLASS X LIBRARY SERIES

Z Model No.	Wt. (lbs)	Size Range	Number of members	Price
LCX - minus	120	.011" to .750"	(740 gages)	\$6,512.65
LCX - plus	120	.011" to .750"	(740 gages)	6,512.65
L1X - minus	120	.061" to .750"	(690 gages)	6,039.63
L1X - plus	120	.061" to .750"	(690 gages)	6,039.63
L2CX - minus	96	.011" to .5005"	(980 gages in .0005" increments)	6,787.90
L2CX - plus	96	.011" to .5005"	(980 gages in .0005" increments)	6,787.90
L2X - minus	95	.061" to .5005"	(880 gages in .0005" increments)	5,936.74
L2XP	95	.061" to .5005"	(880 gages in .0005" increments)	5,936.74
**L3X - minus	240	.061" to 1.000"	(940 gages)	10,203.23
**L3X - plus	240	.061" to 1.000"	(940 gages)	10,203.23
**L4X - minus	240	.011" to 1.000"	(990 gages)	10,606.76
**L4X - plus	240	.011" to 1.000"	(990 gages)	10,606.76

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

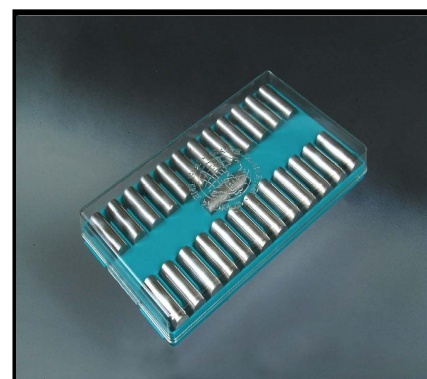


Class X MG-25 Series

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
	English	or Metric	
MG1-25	.0122" to .0609"	0.28mm to 1.54mm	\$426.48
MG2-25	.0610" to .2509"	1.55mm to 6.37mm	212.16
MG3-25	.2510" to .5009"	6.38mm to 12.72mm	244.59
MG4-25	.5010" to .7499"	12.73mm to 19.04mm	337.54
MG5-25	.7500" to .8129"	19.05mm to 20.64mm	472.58



See page 5 for Calibration Services

Class ZZ Gages

Custom Lengths

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 60-62 RC

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.

See page 5 for Calibration Services



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

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



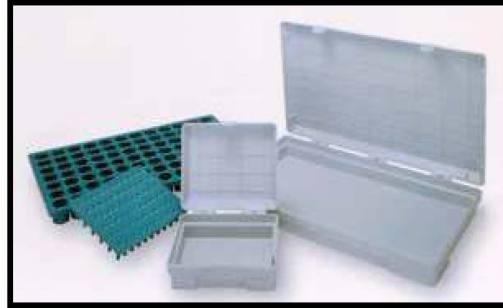
See page 5 for Calibration Services

Gage Storage Accessories

Durable Poly Cases

Poly Case for M-0 Set	\$16.53 each
Poly Case for M-1 thru M-8 Set.....	\$33.06 each
Poly Case with insert for M-0 Set	\$33.06 each
Poly Case with insert for M-1 thru M-8 Set	\$66.12 each

Each hole size marked on insert.



Poly Inserts

Poly Insert for M-0 Set	\$16.53 each
Poly Insert for M-1 thru M-8 Set	\$33.06 each

Each hole size marked on insert.

Heavy Duty Metal Storage Cabinets



Upgrade Existing Sets

Model Number	Wt./lbs		Price
L-E4	38	four drawer cabinet, empty	\$412.50
L-IN4	38	four drawer cabinet, w/4 inserts (*)	\$505.99

* Includes four inserts of your choice. Please specify when ordering.

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.



Taperlocks* Steel & Chrome

Quick change over!
The member pop out
for quick replacement.
Excellent for larger
diameter inspection.

- ☐ NIST traceable
- ☐ Plus, Minus or Bilateral tolerance
- ☐ Class XX, X, Y or Z
- ☐ Steel or Chrome



Taperlocks - Steel and Chrome

Unilateral Tolerances GO = PLUS tolerance, NOGO = MINUS tolerance; Chrome Plates - Add 100%

Size Range	Std. GO Member Only			Std. NOGO Member Only			Handle
	Class	Length	Price	Length	Price	No.	Price
.1050" to .1500" 2.67mm to 3.81mm	XX		\$ 87.46		\$78.83		
	X	3/8 "	74.52	7/32 "	68.03		
	Y	9.5mm	66.18	5.6mm	60.43	00	\$20.07
	Z		58.28		54.47		
.1501" to .2300" 3.81mm to 5.84mm	XX		83.15		75.02		
	X	13/32 "	70.82	9/32 "	68.03		
	Y	10.3mm	64.74	7.1mm	59.31	0	\$20.07
	Z		52.93		50.77		
.2301" to .3650" 5.84mm to 9.27mm	XX		86.33		78.83		
	X	3/4 "	72.35	5/16 "	68.03		
	Y	19.1mm	66.91	7.9mm	60.43	1	\$20.07
	Z		55.08		51.80		
.3651" to .5100" 9.27mm to 12.95mm	XX		89.61		82.01		
	X	1 "	75.54	3/8 "	70.20		
	Y	25.4mm	69.06	9.5mm	62.60	2	\$20.07
	Z		57.25		53.96		
.5101" to .8250" 12.95mm to 20.96mm	XX		92.81		85.30		
	X	1-1/4 "	78.76	1/2 "	72.35		
	Y	31.8mm	71.23	12.7mm	64.74	3	\$20.07
	Z		60.43		56.73		
.8251" to 1.1350" 20.96mm to 28.83mm	XX		106.88		96.10		
	X	1-1/2 "	86.33	5/8 "	78.83		
	Y	38.1mm	74.52	15.9mm	68.56	4	\$20.07
	Z		66.91		61.57		
1.1351" to 1.5100" 28.83mm to 38.35mm	XX		112.22		100.41		
	X	1-5/8"	102.56	3/4"	92.81		
	Y	41.3mm	84.18	19.1mm	76.66	5	\$22.59
	Z		71.23		68.03		

* Taperlocks are not returnable for credit or cancellation.

See page 5 for Calibration Services



Trilocks*

Steel & Chrome



Got really big inspection jobs? These are your best choice for large diameters. Made to order, this is only a partial listing of what we offer. Call us for price and delivery on larger sizes.

Trilocks - Steel and Chrome

Unilateral Tolerances • GO = PLUS tolerance, NOGO = MINUS tolerance; Chrome Plates –Add 100%

Size Range	Std. GO Member Only			Std. NOGO Member Only			Handle	
	Class	Length	Price	Length	Price	No.	Price	
.7601" to .9470" 19.30mm to 24.05mm	XX		\$ 107.22		\$ 97.03			
	X	1-1/4 "	90.80	3/4 "	83.49			
	Y	31.8mm	77.90	19.1mm	71.67	2-1/2	\$27.60	
	Z		64.80		60.93			
.9471" to 1.1350" 24.05mm to 28.83mm	XX		108.85		98.10			
	X	1-3/8 "	93.26	3/4 "	85.31			
	Y	34.9mm	80.05	19.1mm	73.27	3-1/2	27.60	
	Z		69.09		64.80			
1.1351" to 1.5100" 28.83mm to 38.25mm	XX		116.89		104.86			
	X	1-1/2 "	101.97	3/4 "	93.04			
	Y	38.1mm	84.56	19.1mm	77.14	4-1/2	30.10	
	Z		71.67		66.51			
1.5101" to 2.0100" 38.25mm to 51.05mm	XX		172.88		156.65			
	X	1-7/8 "	146.12	7/8 "	127.42			
	Y	47.6mm	131.29	22.2mm	114.49	5-1/2	31.93	
	Z		107.01		100.13			
2.0101" to 2.5100" 51.05mm to 63.75mm	XX		207.57		188.88			
	X	2 "	172.88	7/8 "	156.65			
	Y	50.8mm	152.99	22.2mm	133.77	6	31.93	
	Z		128.61		113.89			
2.5101" to 3.0100" 63.75mm to 76.45mm	XX		235.55		207.05			
	X	2 "	200.81	1 "	167.94			
	Y	50.8mm	172.88	25.4mm	150.53	7	31.93	
	Z		143.23		129.69			
3.0101" to 3.5100" 76.45mm to 89.15mm	XX		287.62		247.97			
	X	2"	219.94	1 "	204.68			
	Y	50.8mm	205.33	25.4mm	179.21	7	31.93	
	Z		175.99		154.28			

* Trilocks are not returnable for credit or cancellation.



See page 5 for Calibration Services



Custom Progressive Gages*

When you need to check parts quickly, Progressive plug gages are the best choice. Both the GO and NOGO diameters are stepped on a single gage member. All members are securely attached to either a Trilock or Taperlock handle. All handles are marked with sizes and direction of tolerance.

- ☐ Class XX, X, Y, or Z
- ☐ NIST traceable
- ☐ GO, NOGO tolerances
- ☐ Tool Steel 58/60 Rockwell C
- ☐ Certificate of Accuracy included
- ☐ Additional marking available \$0.50 per character

Unilateral Tolerance, GO - Plus Tolerance, NOGO - Minus Tolerance; Chrome Plates: Add 100%
 * -Not returnable for credit or cancellation

AGD Progressive Member						Handle	
Size-Range	Class	Tolerance Inches	Member Length	GO Portion	NOGO Portion	No.	Price
TAPERLOCK STYLE	XX	.00002					
.105 in. to .150 in.	X	.00004	23/32 in.	3/8 in.	7/32 in.	00	\$21.89
2.67 mm to 3.81 mm	Y	.00007	18.3 mm	9.5 mm	5.6 mm		
	Z	.00010					
	XX	.00002					
.1501 in. to .230 in.	X	.00004	13/16 in.	13/32 in.	9/32 in.	0	21.89
3.81 mm to 5.84 mm	Y	.00007	20.6 mm	10.3 mm	7.1 mm		
	Z	.00010					
	XX	.00002					
.2301 in. to .365 in.	X	.00004	13/16 in.	3/4 in.	5/16 in.	1	21.89
5.84 mm to 9.27 mm	Y	.00007	30.2 mm	19.1 mm	7.9 mm		
	Z	.00010					
	XX	.00002					
.3651 in. to .510 in.	X	.00004	1-1/2 in.	1 in.	3/8 in.	2	21.89
9.27 mm to 12.95 mm	Y	.00007	38.1 mm	25.4 mm	9.5 mm		
	Z	.00010					
	XX	.00002					
.5101 in. to .825 in.	X	.00004	1-7/8 in.	1-1/4 in.	1/2 in.	3	21.89
12.95 mm to 20.96 mm	Y	.00007	47.6 mm	31.8 mm	12.7 mm		
	Z	.00010					
	XX	.00003					
.8251 in. to 1.135 in.	X	.00006	2-1/8 in.	1-3/8 in.	5/8 in.	4	21.89
20.96 mm to 28.83 mm	Y	.00009	54.0 mm	34.9 mm	15.9 mm		
	Z	.00012					
	XX	.00003					
1.1351 in. to 1.510 in.	X	.00006	2-3/8 in.	1-1/2 in.	3/4 in.	5	24.64
28.83 mm to 38.35 mm	Y	.00009	60.3 mm	38.1 mm	19.1 mm		
	Z	.00012					
TRILOCK STYLE	XX	.00004					
1.5101 in. to 2.010 in.	X	.00008	2-7/8 in.	1-7/8 in.	7/8 in.	5-1/2	30.23
38.35 mm to 51.05 mm	Y	.00012	73.0 mm	47.6 mm	22.2 mm		
	Z	.00016					
	XX	.00004					
2.0101 in. to 2.510 in.	X	.00008	3 in.	2 in.	7/8 in.	6	31.37
51.05 mm to 63.75 mm	Y	.00012	76.2 mm	50.8 mm	22.2 mm		
	Z	.00016					
	XX	.00005					
2.5101 in. to 3.010 in.	X	.00010	3 in.	2 in.	7/8 in.	7	33.79
63.75 mm to 76.45 mm	Y	.00015	76.2 mm	50.8 mm	22.2 mm		
	Z	.00020					
	XX	.00005					
3.0101 in. to 3.510 in.	X	.00010	3 in.	2 in.	7/8 in.	7	33.79
76.45 mm to 89.15 mm	Y	.00015	76.2 mm	50.8 mm	22.2 mm		
	Z	.00020					
	XX	.00005					
3.5101 in. to 4.010 in.	X	.00010	3 1/8 in.	2 1/8 in.	7/8 in.	7	35.21
89.15 mm to 101.85 mm	Y	.00015	79.4 mm	54.0 mm	22.2 mm		
	Z	.00020					
	XX	.00005					
4.0101 in. to 4.510 in.	X	.00010	3-1/8 in.	2-1/8 in.	7/8 in.	7	35.21
101.85 mm to 114.55 mm	Y	.00015	79.4 mm	54.0 mm	22.2 mm		
	Z	.00020					

See page 5 for Calibration Services





Master Setting Discs*



You can use these Master Discs to calibrate your measuring equipment. They are a must for your calibration lab and your inspection areas. Meyer's Master Discs are available in three styles and come with a Certificate of Accuracy.

- ☐ Class XX, X, or Y
- ☐ GO, NOGO, Bilateral tolerances available
- ☐ Steel 60/62 Rockwell C
- ☐ Comes complete with end grips
- ☐ Roundness is within half of tolerance

STYLE #1: Bilateral (Split) tolerance

STYLE #2: Unilateral (GO Plus NOGO Minus)

STYLE #3: Bilateral (Split) tolerance

*Note: For the range above 1.510" to and including 8.510" A.G.D. standards for style #2 call for style #3 master discs separated by an A.G.D. separator plate and linked together with a tie rod and insulators. Not returnable for credit or cancellation. Call for sizes not shown.

Size-Range	Class	Tolerance	Length	Style #1		Length	Style #2		Length	Style #3	
				Steel	Chrome		Steel	Chrome		Steel	Chrome
	XX	.00002		\$ 158.03	\$202.86		\$266.55	\$346.74		\$ 143.89	\$ 188.70
.1500 in. to .2300 in.	X	.00004	7/8 in.	117.95	153.33	7/8 in.	198.14	259.48	7/16 in.	108.51	139.16
3.81 mm to 5.84 mm	Y	.00007	22.2 mm	96.71	139.16	22.2 mm	176.90	231.17	11.1 mm	99.08	129.73
	XX	.00002		162.76	212.30		268.91	360.90		146.25	191.07
.2301 in. to .365 in.	X	.00004	1 in.	120.29	158.03	1 in.	200.50	264.18	1/2 in.	110.86	143.89
5.84 mm to 9.27 mm	Y	.00007	25.4 mm	110.86	143.89	25.4 mm	179.27	233.51	12.7 mm	101.42	134.46
	XX	.00002		165.12	214.64		271.25	351.46		150.96	198.14
.3651 in. to .510 in.	X	.00004	1-1/8 in.	122.66	160.40	1-1/8 in.	207.57	268.91	9/16 in.	113.22	146.25
9.27 mm to 12.95 mm	Y	.00007	28.6 mm	113.22	146.25	28.6 mm	188.70	245.31	14.3 mm	103.79	158.03
	XX	.00002		167.47	219.37		275.98	356.17		153.33	200.50
.5101 in. to .825 in.	X	.00004	1-1/4 in.	125.02	162.76	1-1/4 in.	209.94	275.98	5/8 in.	115.59	148.60
12.95 mm to 20.96 mm	Y	.00007	31.8 mm	115.59	148.60	31.8 mm	191.07	250.04	15.9 mm	108.51	139.16
	XX	.00003		176.90	231.17		306.65	396.27		167.47	219.37
.8251 in. to 1.135 in.	X	.00006	1-3/8 in.	134.46	176.90	1-3/8 in.	228.81	297.22	11/16 in.	125.02	162.76
20.96 mm to 28.83 mm	Y	.00009	34.9 mm	132.09	174.56	34.9 mm	224.08	290.12	17.5 mm	117.95	153.33
	XX	.00003		193.43	252.38		334.96	436.38		179.27	233.51
1.1351 in. to 1.510 in.	X	.00006	1-5/8 in.	143.89	188.70	1-5/8 in.	252.38	330.23	13/16 in.	132.09	172.20
28.83 mm to 38.35 mm	Y	.00009	41.3 mm	134.46	176.90	41.3 mm	224.08	290.12	20.6 mm	120.29	153.33
	XX	.00004		224.08	290.12		379.77	492.99		202.86	266.55
1.5101 in. to 2.010 in.	X	.00008	1-7/8 in.	167.47	219.37	2 in.	283.05	370.33	7/8 in.	153.33	200.50
38.35 mm to 51.05 mm	Y	.00012	47.6 mm	143.89	188.70	50.8 mm	257.11	332.59	22.2 mm	134.46	176.90
	XX	.00004		257.11	332.59		445.81	580.27		240.61	316.09
2.0101 in. to 2.510 in.	X	.00008	2 in.	188.70	251.17	2 in.	330.23	429.31	7/8 in.	181.63	235.88
51.05 mm to 63.75 mm	Y	.00012	50.8 mm	172.20	219.37	50.8 mm	285.42	372.70	22.2 mm	153.33	200.50
	XX	.00005		297.22	386.84		514.22	669.89		271.25	351.46
2.5101 in. to 3.010 in.	X	.00010	2 in.	231.17	299.56	2-1/4 in.	382.13	495.35	1 in.	200.50	264.18
63.75 mm to 76.45 mm	Y	.00015	50.8 mm	193.43	252.38	57.2 mm	327.87	426.94	25.4 mm	174.56	226.44
	XX	.00005		332.59	434.02		606.21	787.84		316.09	412.78
3.0101 in. to 3.510 in.	X	.00010	2 in.	252.38	330.23	2-1/4 in.	455.25	589.68	1 in.	238.24	311.36
76.45 mm to 89.15 mm	Y	.00015	50.8 mm	224.08	290.12	57.2 mm	393.91	514.22	25.4 mm	198.14	259.48
	XX	.00005		389.20	509.50		648.66	844.45		332.59	434.02
3.5101 in. to 4.010 in.	X	.00010	2-1/8 in.	290.12	379.77	2-1/4 in.	514.22	669.91	1 in.	271.25	351.46
89.15 mm to 101.85 mm	Y	.00015	54.0 mm	252.38	330.23	57.2 mm	438.74	573.18	25.4 mm	231.17	299.56
	XX	.00005		438.74	573.18		710.00	922.28		365.61	476.48
4.0101 in. to 4.510 in.	X	.00010	2-1/8 in.	332.59	434.02	2-1/4 in.	561.40	728.87	1 in.	287.78	375.06
101.85 mm to 114.55 mm	Y	.00015	54.0 mm	252.38	330.23	57.2 mm	438.74	573.18	25.4 mm	231.17	299.56
	XX	.000065		438.74	573.18		710.00	922.28		365.61	476.48
4.5101 in. to 5.010 in.	X	.00013	2 in.	332.59	434.02	2-1/4 in.	561.40	728.87	1 in.	287.78	375.04
114.55 mm to 127.25 mm	Y	.00019	54.0 mm	290.12	379.77	57.2 mm	497.70	648.66	25.4 mm	264.18	342.03
	XX	.000065		537.80	702.93		818.49	1,063.80		422.22	632.15
5.0101 in. to 5.510 in.	X	.00013	2-1/8 in.	415.15	540.17	2-1/4 in.	667.53	868.03	1 in.	344.39	448.18
127.25 mm to 139.95 mm	Y	.00019	54.0 mm	375.04	488.26	57.2 mm	606.21	787.84	25.4 mm	313.72	408.07
	XX	.000065		575.54	747.74		952.95	1,238.36		445.81	580.27
5.5101 in. to 6.010 in.	X	.00013	2-1/8 in.	455.25	589.70	2-1/4 in.	740.67	964.75	1 in.	386.84	504.79
139.95 mm to 152.65 mm	Y	.00019	54.0 mm	415.15	540.17	57.2 mm	686.40	891.63	25.4 mm	356.17	462.32



See page 5 for Calibration Services

60° Thread Measuring Wires



60° Threads

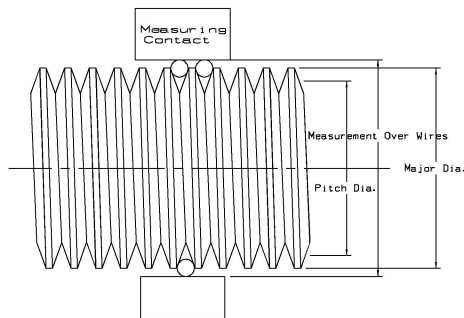
(n) Threads per Inch	(G) Nominal Best Wire Diameter	(C) Nominal Constant	Price (Set of Three)	(n) Threads per Inch	(G) Nominal Best Wire Diameter	(C) Nominal Constant	Price (Set of Three)
120	0.00481	0.00722	\$ 115.76	16	0.03608	0.05413	70.74
100	0.00577	0.00866	115.76	14	0.04124	0.06186	70.74
96	0.00601	0.00902	115.76	13	0.04441	0.06662	70.74
90	0.00642	0.00962	115.76	12	0.04811	0.07217	70.74
80	0.00722	0.01083	115.76	11-1/2	0.05020	0.07531	70.74
72	0.00802	0.01203	115.76	11	0.05249	0.07873	70.74
64	0.00902	0.01353	115.76	10	0.05774	0.08660	70.74
56	0.01031	0.01546	115.76	9	0.06415	0.09623	70.74
50	0.01155	0.01732	115.76	8	0.07217	0.10825	70.74
48	0.01203	0.01804	70.74	7-1/2	0.07698	0.11547	70.74
44	0.01312	0.01968	70.74	7	0.08248	0.12372	70.74
40	0.01443	0.02165	70.74	6	0.09623	0.14434	70.74
36	0.01604	0.02406	70.74	5-1/2	0.10497	0.15746	115.76
32	0.01804	0.02706	70.74	5	0.11547	0.17321	115.76
30	0.01925	0.02887	70.74	4-1/2	0.12830	0.19245	115.76
28	0.02062	0.03093	70.74	4	0.14434	0.21651	115.76
27	0.02138	0.03208	70.74	3-1/2	0.16496	0.24744	115.76
26	0.02221	0.03331	70.74	3-1/4	0.17765	0.26647	115.76
24	0.02406	0.03608	70.74	3	0.19245	0.28868	115.76
22	0.02624	0.03936	70.74	2-3/4	0.20995	0.31492	115.76
20	0.02887	0.04330	70.74	2-1/2	0.23094	0.34641	115.76
18	0.03208	0.04811	70.74	2	0.28868	0.43301	115.76

60° Metric Threads

Pitch mm	Nominal Best Wire Diameter mm	Nominal Constant mm	Price (Set of Three)
.2	0.1155	0.1732	\$ 115.76
.225	0.1299	0.1949	115.76
.25	0.1443	0.2165	115.76
.3	0.1732	0.2598	115.76
.35	0.2021	0.3031	115.76
.4	0.2309	0.3464	115.76
.45	0.2598	0.3897	115.76
.5	0.2887	0.4330	115.76
.6	0.3464	0.5196	115.76
.7	0.4041	0.6062	115.76
.75	0.4330	0.6495	70.74
.8	0.4619	0.6928	70.74
.9	0.5196	0.7794	70.74
1.0	0.5774	0.8660	70.74
1.25	0.7217	1.0825	70.74
1.5	0.8660	1.2990	70.74
1.75	1.0104	1.5155	70.74
2.0	1.1547	1.7321	70.74
2.5	1.4434	2.1651	70.74
3.0	1.7321	2.5981	70.74
3.5	2.0207	3.0311	70.74
4.0	2.3094	3.4641	70.74
4.5	2.5981	3.8971	70.74
5.0	2.8868	4.3301	115.76
5.5	3.1754	4.7631	115.76
6.0	3.4641	5.1962	115.76
7.0	4.0415	6.0622	115.76
8.0	4.6188	6.9282	115.76
9.0	5.1962	7.7942	115.76
10.0	5.7735	8.6603	115.76

29° Acme Best Threads

(n) Threads per Inch	(G) Nominal Best Wire Diameter	Price (Set of Three)
1	0.51645	\$133.44
1-1/3	0.38734	133.44
1-1/2	0.34430	133.44
1-3/4	0.29511	133.44
2	0.25823	133.44
2-1/2	0.20658	133.44
3	0.17215	133.44
3-1/2	0.14756	106.11
4	0.12911	106.11
4-1/2	0.11477	106.11
5	0.10329	106.11
5-1/2	0.09390	106.11
6	0.08608	106.11
7	0.07378	106.11
8	0.06456	106.11
9	0.05738	106.11
10	0.05164	106.11
12	0.04304	106.11
14	0.03689	106.11
16	0.03228	106.11
18	0.02869	106.11
20	0.02582	106.11



Meyer Gage Thread Measuring Wires, are manufactured as a matched set of three wires per ASME B89.1.17. Each wire diameter is matched to the others within $\pm 0.00001"$. The diameters of the three wires shall be within $\pm 0.00002"$ of the calculated best wire diameter.

- ☐ 100% inspection
- ☐ 2 microfinish or better
- ☐ Tool Steel
- ☐ All members 2" long
- ☐ Meets former federal Specification GGG-W-366b for Grade A Master Thread Wires

Thread Measuring Wire Sets

60° Thread

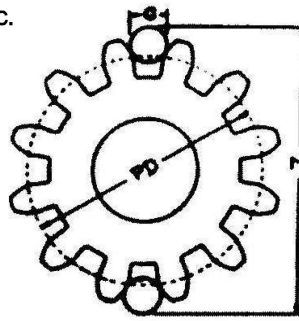
Measuring Wires	Price
Set No. 30 HS*	\$2,440.54
30 Sizes (5 to 80 TPI) with wood case	
Set No. 34 HS	\$2,898.74
34 Sizes (4 to 80 TPI) with wood case	
Set No. 20 HS*	\$1,506.45
20 Sizes (6 to 36 TPI) with wood case	

60° Metric Thread

Measuring Wires	Price
Set No. 30M	\$3,008.06
30 Sizes (.2 pitch to 10 pitch) with wood case	
Set No. 23M	\$2,172.04
23 Sizes (.3 pitch to 6 pitch) with wood case	
* 7-1/2 & 22 TPI not included in these sets.	
** Not all sizes available	

GEAR MEASURING WIRES

- All Gear Measuring Wires meet or exceed former Fed. Spec. GGG-W-366b for Grade AM.G.W
- For three wire sets, add 50%



- Wires are lapped to 2 RMS micro inch finish or less and measure to exacting specifications.

GRADE A MASTER GEAR WIRES

Product Group #17-00

Wire Diameter for Enlarged Pinions 1.92"			Wire Diameter for External Gears 1.728"		Alternate Series 1.68"		Wire Diameter for Internal Gears 1.44"		Price (set of Two Wires)
P	P	Item No.	P	Item No.	P	Item No.	P	Item No.	
2	0.96000	M706030	0.86400	M703030	0.84000	M704030	0.72000	M707030	\$115.76
2-1/2	0.76800	M706029	0.69120	M703029	0.67200	M704029	0.57600	M707029	115.76
3	0.64000	M706028	0.57600	M703028	0.56000	M704028	0.48000	M707028	115.76
4	0.48000	M706027	0.43200	M703027	0.42000	M704027	0.36000	M707027	115.76
5	0.38400	M706026	0.34560	M703026	0.33600	M704026	0.28800	M707026	80.39
6	0.32000	M706025	0.28800	M703025	0.28000	M704025	0.24000	M707025	80.39
7	0.27428	M706024	0.24686	M703024	0.24000	M704024	0.20571	M707024	80.39
8	0.24000	M706023	0.21600	M703023	0.21000	M704023	0.18000	M707023	62.70
9	0.21333	M706022	0.19200	M703022	0.18666	M704022	0.16000	M707022	62.70
10	0.19210	M706021	0.17280	M703021	0.16800	M704021	0.14400	M707021	62.70
11	0.17454	M706020	0.15709	M703020	0.15273	M704020	0.13091	M707020	62.70
12	0.16000	M706019	0.14400	M703019	0.14000	M704019	0.12000	M707019	62.70
14	0.13714	M706018	0.12343	M703018	0.12000	M704018	0.10286	M707018	62.70
16	0.12000	M706017	0.10800	M703017	0.10500	M704017	0.09000	M707017	62.70
18	0.10667	M706016	0.09600	M703016	0.09333	M704016	0.08000	M707016	62.70
20	0.09600	M706015	0.08640	M703015	0.08400	M704015	0.07200	M707015	62.70
22	0.08727	M706014	0.07855	M703014	0.07636	M704014	0.06545	M707014	62.70
24	0.08000	M706013	0.07200	M703013	0.07000	M704013	0.06000	M707013	62.70
28	0.06857	M706012	0.06171	M703012	0.06000	M704012	0.05143	M707012	62.70
32	0.06000	M706011	0.05400	M703011	0.05250	M704011	0.04500	M707011	62.70
36	0.05333	M706010	0.04800	M703010	0.04667	M704010	0.04000	M707010	62.70
40	0.04800	M706009	0.04320	M703009	0.04200	M704009	0.03600	M707009	62.70
48	0.04000	M706008	0.03600	M703008	0.03500	M704008	0.03000	M707008	62.70
64	0.03000	M706007	0.02700	M703007	0.02625	M704007	0.02250	M707007	62.70
72	0.02667	M706006	0.02400	M703006	0.02333	M704006	0.02000	M707006	62.70
80	0.02400	M706005	0.02160	M703005	0.02100	M704005	0.01800	M707005	62.70
96	0.02000	M706004	0.01800	M703004	0.01750	M704004	0.01500	M707004	62.70
100	0.01920	M706003	0.01728	M703003	0.01680	M704003	0.01440	M707003	62.70
120	0.01600	M706002	0.01440	M703002	0.01400	M704002	0.01200	M707002	98.07
128	0.01500	M706001	0.01350	M703001	0.01312	M704001	0.01125	M707001	98.07
200	0.00960	M706000	0.00864	M703000	0.00840	M704000	0.00720	M707000	98.07

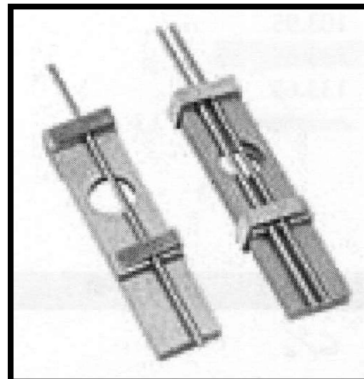
3-WIRE THREAD MEASURING SYSTEM

Wire Holders - The wire holders are fitted on anvils of the micrometer allowing the single and double measuring wires to accurately position in relation to each other. The extra length of the wire enables them to be adjusted up or down in the holders. This extends the life of the wires substantially. The holders are limited to their rotational movement by the "U" Track and thus are maintained in the ideal position for engaging any lead angle of a thread.

Measuring Wires - The measuring wires are certified to meet the following specifications:

Meyer Gage Thread Measuring Wires, are manufactured as a matched set of three wires per ASM B89.1.17. Each wire diameter is matched to the others within ± 0.00001 ". The diameters of the three wires shall be within 0.00002" of the calculated best wire diameter.

All measuring wires come with a certificate, which includes the actual wire size and the constant required in determining the pitch diameter.



60 DEGREE THREAD 3-WIRE SETS WITH HOLDERS

Product Group #16-20H

Threads Per Inch	Nominal Diameter	Holder Only		Item Nos.	Price	Holders w/Wires	
		.250" Anvil	.300" Anvil			Item No.	Set Price
80	0.00722	M910325	M910326	M910327	\$ 277.65	M730800	\$ 387.30
72	0.00802	M910319	M910320	M910321	277.65	M730720	387.30
64	0.00902	M910313	M910314	M910315	258.20	M730640	367.85
56	0.01031	M910306	M910307	M910308	258.20	M730560	367.85
50	0.01155	M910303	M910304	M910305	258.20	M730500	367.85
48	0.01203	M910296	M910297	M910298	258.20	M730480	367.85
44	0.01312	M910293	M910294	M910295	258.20	M730440	367.85
40	0.01443	M910290	M910291	M910292	235.21	M730400	295.34
36	0.01604	M910283	M910284	M910285	235.21	M730360	295.34
32	0.01804	M910280	M910281	M910282	235.21	M730320	295.34
30	0.01925	M910277	M910278	M910279	235.21	M730300	295.34
28	0.02062	M910268	M910269	M910270	235.21	M730280	295.34
27	0.02138	M910265	M910266	M910267	235.21	M730270	295.34
26	0.02221	M910262	M910263	M910264	235.21	M730260	295.34
24	0.02406	M910259	M910260	M910261	235.21	M730240	295.34
22	0.02624	M910256	M910257	M910258	235.21	M730220	295.34
20	0.02887	M910253	M910254	M910255	235.21	M730200	295.34
18	0.03208	M910244	M910245	M910246	235.21	M730180	295.34
16	0.03608	M910241	M910242	M910243	235.21	M730160	295.34
14	0.04124	M910238	M910239	M910240	235.21	M730140	295.34
13	0.04441	M910235	M910236	M910237	235.21	M730130	295.34
12	0.04811	M910232	M910233	M910234	235.21	M730120	295.34
11-1/2	0.05020	M910226	M910227	M910228	235.21	M730115	295.34
11	0.05249	M910229	M910230	M910231	235.21	M730110	295.34
10	0.05774	M910223	M910224	M910225	235.21	M730100	295.34
9	0.06415	M910331	M910332	M910333	235.21	M730090	295.34
8	0.07217	M910328	M910329	M910330	235.21	M730080	295.34
7	0.08248	M910322	M910323	M910324	235.21	M730070	295.34
6	0.09623	M910316	M910317	M910318	235.21	M730060	295.34
5	0.11547	M910309	M910310	M910311	277.65	M730050	387.30

When ordering, please specify "Threads Per Inch" and Anvil Size.

See page 5 for Calibration Services

3-WIRE THREAD MEASURING SYSTEM

60 DEGREE METRIC THREAD WIRE SETS WITH HOLDERS

Product Group #16-20H

Pitch mm	Best mm	Wire Size Inch Equiv.	Holder Only Item No.			Price	Holders w/Wires	
			.250" Anvil	.300" Anvil	.375" Anvil		Item No.	Set Price
.35mm	0.2021	0.00796	M910175	M910176	M910177	\$ 277.65	M740350	\$ 410.54
.40mm	0.2309	0.00909	M910184	M910185	M910186	277.65	M740400	410.54
.45mm	0.2598	0.01023	M910181	M910182	M910183	258.20	M740450	389.92
.50mm	0.2887	0.01137	M910190	M910191	M910192	258.20	M740500	389.92
.55mm	0.3175	0.01250	M910187	M910188	M910189	258.20	M740550	389.92
.60mm	0.3464	0.01364	M910193	M910194	M910195	258.20	M740600	389.92
.70mm	0.4041	0.01591	M910199	M910200	M910201	258.20	M740700	389.92
.75mm	0.4330	0.01705	M910196	M910197	M910198	235.21	M740750	313.06
.80mm	0.4619	0.01819	M910205	M910206	M910207	235.21	M740800	313.06
.85mm	0.4907	0.01932	M910202	M910203	M910204	235.21	M740850	313.06
.90mm	0.5196	0.02046	M910208	M910209	M910210	235.21	M740900	313.06
1.00mm	0.5774	0.02273	M910211	M910212	M910213	235.21	M741000	313.06
1.25mm	0.7217	0.02841	M910214	M910215	M910216	235.21	M741250	313.06
1.50mm	0.8660	0.03409	M910217	M910218	M910219	235.21	M741500	313.06
1.75mm	1.0104	0.03978	M910220	M910221	M910222	235.21	M741750	313.06
2.00mm	1.1547	0.04546	M910247	M910248	M910249	235.21	M742000	313.06
2.50mm	1.4434	0.05683	M910250	M910251	M910252	235.21	M742500	313.06
3.00mm	1.7321	0.06819	M910271	M910272	M910273	235.21	M743000	313.06
3.50mm	2.0270	0.07980	M910274	M910275	M910276	235.21	M743500	313.06
4.00mm	2.3094	0.09092	M910286	M910287	M910288	235.21	M744000	313.06

When ordering, specify Pitch" and Anvil Size.
Individual Holders available, price on application.

THREAD MEASURING WIRE SETS

Product Group #16-00S

	Wooden Case With Wires Only		Wooden Case w/Wires and Holders	
	Item No.	Price	Item No.	Price
60 Degree Thread Measuring Wires				
Set No. 30 HS*				
30 Sizes (5 to 80 TPI), with case	M396890	\$2,440.54	M396895	\$8,778.20
Set No. 34 HS				
34 Sizes (4 to 80 TPI), with case	M396920	\$2,898.74	M396925	\$9,984.00
Set No. 20 HS*				
20 Sizes (6 to 36 TPI), with case	M396880	\$1,506.45	M396980	\$5,498.43
Set No. 20 TC		Price on		Price on
20 Sizes (6 to 36 TPI), with case	M396990	Request	M396995	Request
60 Degree Metric Thread Measuring Wires				
Set No. 30 M				
30 Sizes (.2 to 10 pitch), with case	M396910	\$3,008.06	M396915	\$9,442.19
Set No. 23 HS				
23 Sizes (.3 to 6 pitch), with case	M396900	\$2,172.04	M396905	\$7,008.09
29 Degree Acme Best Thread				
Set No. 22 AB				
22 Sizes (1 to 20 TPI), with case	M397000	\$2,686.40	N/A**	
Set No. 16 AB				
16 Sizes (3-1/2 to 20 TPI), with case	—	—	M397005	\$ 5,774.96

*7-1/2 & 22 TPI not included in these sets.

**Not all sizes available.

Case and vials are available, price on request.



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Meyer Gage Corporate Message

There has always been a Meyer in the house. From founder Albert Meyer to John and James today, the Meyer feel for product quality and customer satisfaction is always guiding the growth of the company. "We are gage specialists, selling to a segment of the market that demands the most consistent, high level quality, at sensible prices, and we never forget it."

At Meyer Gage, everybody is very aware that the world of manufacturing and quality is changing constantly. Since 1960, we have been focused on producing the very finest, fixed limit gages, available in the world. Our company logo says it all, "Gage Makers for the World."

Keep your eyes on us as we are always changing to meet the challenges and needs of our most valued asset: you, the customer.

INTRODUCTION & COMPANY PROFILE

We are located in South Windsor, CT in a 28,000 square foot building. We have positioned ourselves to provide customers with quick response and short lead times at competitive prices.

Our specialty includes, but is not limited to the following:

Precision Fixed Limit Gages for use in Aerospace, Medical, Automotive Electronic and Metal Working Industries.

QUALITY POLICY STATEMENT

We will strive to ensure customer satisfaction by continuously improving the effectiveness of our process and providing on time delivery of defect free products to our valued customers. Complete customer satisfaction is our goal.

Each employee is responsible for reaching desired requirements each and every time by first, knowing and understanding his/her job function and then by performing each task to the best of his/her ability. When an employee believes there is a "better way" he/she has the power to initiate action to cause formal changes through management.

Comprehensive documentation governs our quality program, procedures, and practices. This documentation, some that affects product quality shall be formally documented and controlled. All such documents shall be maintained current and be easily accessible.

We are comprised of one facility located at 230 Burnham St., South Windsor, CT USA and have been in continuous operation since 1960. We are autonomous with our own documented quality system and a quality manual defining the method(s) of controlling product or service.

COMMITMENT TO QUALITY

As President and Vice President, we fully support the effort to maintain the quality system and its compliance to ISO 9001:2015. With this quality system we are committed to a strategy of continuous improvement by active participation of all employees resulting in total customer satisfaction. We place an emphasis on defect prevention, rather than defect detection. Quality is every employee's responsibility.

John Meyer, Vice President



James Meyer, President





Meyer branded gages are made in the USA. *Black* OX branded gages are assembled in the USA.

ORDERING INFORMATION:

Visit our distributor locator at www.meyergage.com to find your local distributor, or call our customer service department at 800-243-7087

MINIMUM ORDER CHARGE:

There is a \$20 minimum charge (USA only) \$50 minimum for outside the US.

RETURNS AND EXCHANGES:

An RMA is required for all exchanges and returns. Please contact our customer service department for assistance.

PREMIUM FACTORY PROCESSING (PFP*)

Meyer Gage offers this optional service on many of our products. To further our commitment to you, we offer this service at a cost of 35% added to the total net order value. Dependent on the time, quantity, and complexity of your order our customer service department can quote an expedited lead time for you. While Meyer Gage cannot guarantee same day shipment for all orders, we make every reasonable effort to meet your shortened deadlines. (Shipping charges from the carrier of our choice are in addition to this service)

**If shipment is not made within promised lead time the item(s) will be charged at normal price, and Meyer Gage Co., Inc. Liability for direct, indirect, special or consequential damages for such failure will be limited to the premium charge only.*

Complete Customer Satisfaction is our Goal.

Meyer Gage Company, Inc.

230 Burnham Street, South Windsor, CT 06074

Tel. 860 528-6526

Toll Free 1-800 243-7087

Fax 860 528-1428 (24 Hours)

www.meyergage.com

