

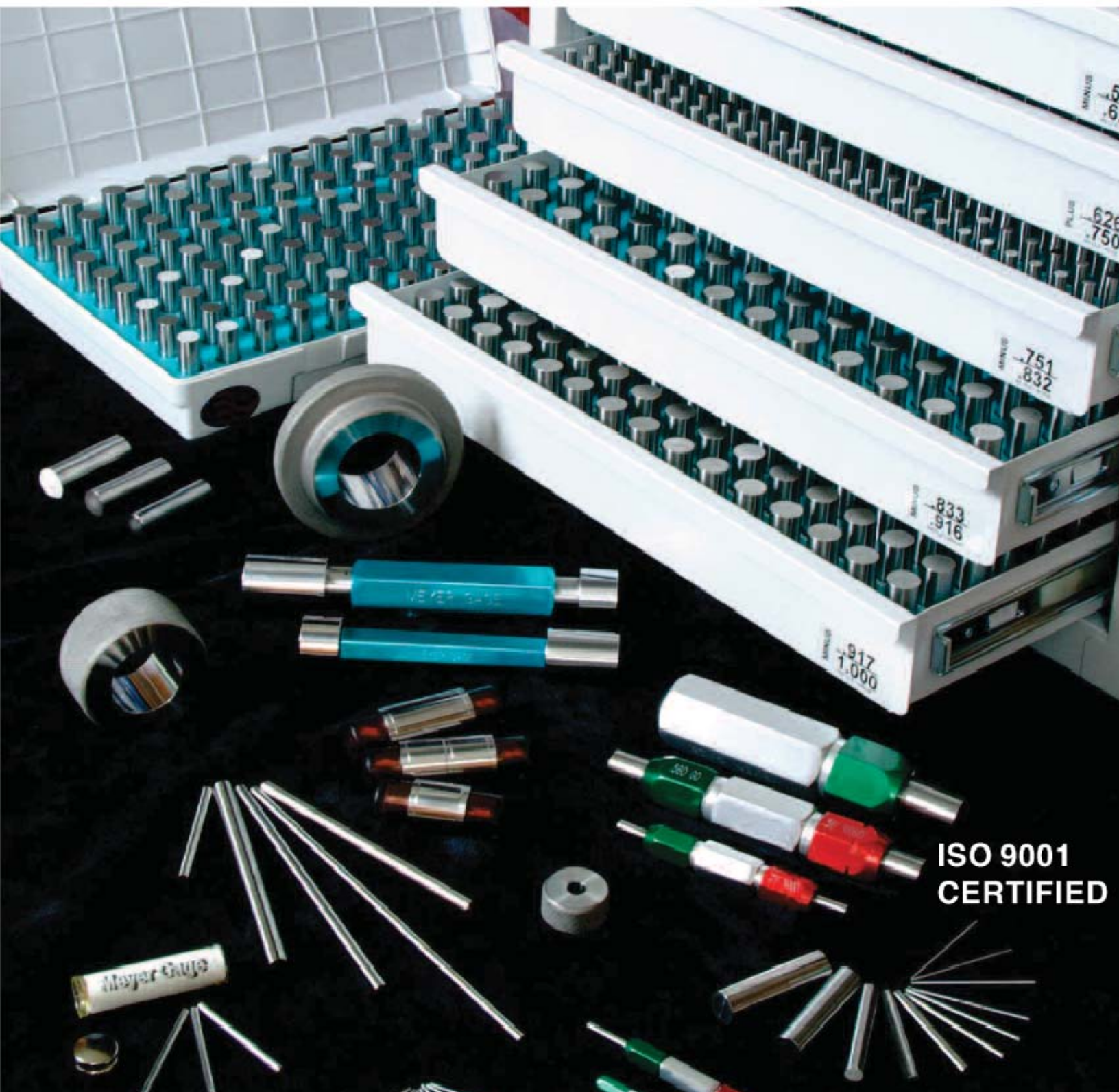


MEYER GAGE

2012 Catalog

Phone: 800-243-7087 Fax: 860-528-1428

Website: www.meyergage.com



ISO 9001
CERTIFIED

New Meyer Gage Calibration Laboratory

As of October 29, 2010, Meyer Gage Company Inc is extremely pleased to provide calibration and final inspection services with new instrumentation capabilities reaching dimensional accuracy levels down to a mere 2 millionths(0.05 microns) of an inch as part of our continuous improvement program.

Meyer Gage has recently completed construction of a dedicated, fully-automated climate controlled inspection room to promote 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've installed a Pratt & Whitney LabMaster Universal® laser-based universal length measuring (ULM) system 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 a new 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 facilities 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 new 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"



CONTENTS

DESCRIPTION	PAGE	DESCRIPTION	PAGE
THE ABC'S OF PLUG GAGES, GAGE MAKER'S TOLERANCE CHART	4	CUSTOM PROGRESSIVE GAGES	22
PLUG GAGE USE, PLUG GAGE TOLERANCE & SELECTION	5	MASTER SETTING DISCS	23
CALIBRATION PRICE LIST	6	THREAD MEASURING WIRES	24
INDIVIDUAL CLASS Z GAGE PINS INDIVIDUAL CLASS X, XX GAGE PINS	7	TAPERLOCK STEEL THREAD PLUG GAGES	25-27
ENGLISH GO/NOGO GAGES, METRIC GO/NOGO GAGES	8	TAPERLOCK HSS THREAD PLUG GAGES TiN COATED	28
GAGE ACCESSORIES, GAGE HANDLES	9	TRILOCK REVERSIBLE STEEL THREAD PLUG GAGES	29
ENGLISH Z GAGE SETS	10	HELICAL COIL TAPERLOCK STEEL GAGES (STI)	30
ENGLISH Z LIBRARY SETS	11	REVERSIBLE STEEL THREAD PLUG GAGES ...	31
METRIC Z GAGE SETS	12	THREAD RING GAGES (ENGLISH)	32-33
METRIC Z LIBRARY SETS	13	TRUNCATED THREAD SETTING PLUGS	34-35
CLASS X GAGE SETS	14	METRIC STEEL TAPERLOCK THREAD PLUG GAGES	36
CLASS X LIBRARY SETS, CLASS X MG-25 SERIES	15	REVERSIBLE METRIC STEEL THREAD PLUGS	37
CUSTOM LENGTH ZZ GAGES	16	THREAD RING GAGES (METRIC)	38
CUSTOM LENGTH X GAGES	17	THREAD SETTING PLUGS (METRIC)	39
GAGE STORAGE ACCESSORIES, HEAVY DUTY METAL STORAGE CABINETS	18	TAPER PIPE GAGES — NPT	40
RING GAGES	19	TAPER PIPE GAGES — NPTF	41
TAPERLOCK STYLE GAGES	20	GEAR MEASURING WIRES	42
TRILOCK STYLE GAGES	21	3-WIRE THREAD MEASURING SYSTEM	43-44
		TABLE OF THREAD PITCH DIAMETER LIMITS	45-46



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 over .060".

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.

Gage Maker's Tolerance Chart

Plain Plug, Plain Ring & Master Gage Tolerances

Range (English)	XXX	XX	X	Y	Z	ZZ
.0009" to .8250"	.000010	.000020"	.000040"	.000070"	.000100"	.000200
.8251" to 1.5100"	.000015	.000030"	.000060"	.000090"	.000120"	.000240"
1.5101" to 2.5100"	.000020	.000040"	.000080"	.000120"	.000160"	.000320"
2.5101" to 4.5100"	.000025	.000050"	.000100"	.000150"	.000200"	.000400"
4.5101" to 6.5100"	.000033	.000065"	.000130"	.000190"	.000250"	.000500"
6.5101" to 9.0100"	.000040	.000080"	.000160"	.000240"	.000320"	.000640"
9.0101" to 12.2600"	.000050	.000100"	.000200"	.000300"	.000400"	.000800"
Range (METRIC)	XXX	XX	X	Y	Z	ZZ
0.21mm to 21.00mm	.00025mm	.00051mm	.00102mm	.00178mm	.00254mm	.00508mm
21.01mm to 38.00mm	.00038mm	.00076mm	.00152mm	.00229mm	.00305mm	.00610mm
38.01mm to 64.00mm	.00051mm	.00102mm	.00202mm	.00305mm	.00406mm	.00813mm
64.01mm to 115.00mm	.00064mm	.00127mm	.00254mm	.00381mm	.00508mm	.01016mm
115.01mm to 165.00mm	.00084mm	.00165mm	.00330mm	.00483mm	.00635mm	.01270mm
165.01mm to 230.00mm	.00102mm	.00203mm	.00406mm	.00610mm	.00813mm	.01626mm
230.01mm to 300.00mm	.00127mm	.00254mm	.00508mm	.00762mm	.01016mm	.02032mm

What's the **Big Deal** about Laser Marking?

Our computer based, non-contact, thermal process produces a permanent medical grade mark on our gages. Through computer monitoring, the mark is carefully controlled to give consistent material penetration. This method gives superior quality control compared to other marking systems and traceability by serial number. All pins over .060" are marked with size and direction of tolerance.

NOTE: Cylindrical plug gage tolerance is GO (Plus) and NOGO (Minus).
Master cylindrical plug gage tolerance is 50% Plus, 50% Minus.
Master Setting Disc tolerance is 50% Plus, 50% Minus.
Cylindrical plain ring gage tolerance is GO (Minus) and NOGO (Plus).



PLUG GAGE USE

When using plug gages for Go No-Go inspection the Go member should fit into the work piece to indicate to the operator that the component meets the correct specifications. The No-Go member should not fit into the work piece. If it does this indicates to the operator that the component has been machined incorrectly and is out of specification.

For this reason the Go gage is usually selected close but above the lower limit size of the component and the No-Go gage is usually selected just under the high limit of the component.

For example: a component that has a size specification of .250" to .255". The Go gage in this example may be selected to be a .250" plus gage pin and the No-Go pin gage selected as a .255" minus plug gage.

These gages, if Class Z, will range from .250" to .2501" for the Go, and the minus gage will fall within a tolerance range size of .255" to .2549".

The use of the Go and No-Go gages are used to inspect the component for a pass or fail process only, and will not measure the exact size of the hole or slot in the component. As in the above example, some "good parts" can actually fail the Go No-Go test if they fall below the actual gage size within the tolerance or class of the gage. Below is described a standard practice for selection of the Class of tolerance gage pins with a certain tolerance component.

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 No-Go 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 No-Go 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 No-Go 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 in 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.

What Plug Gages Are...

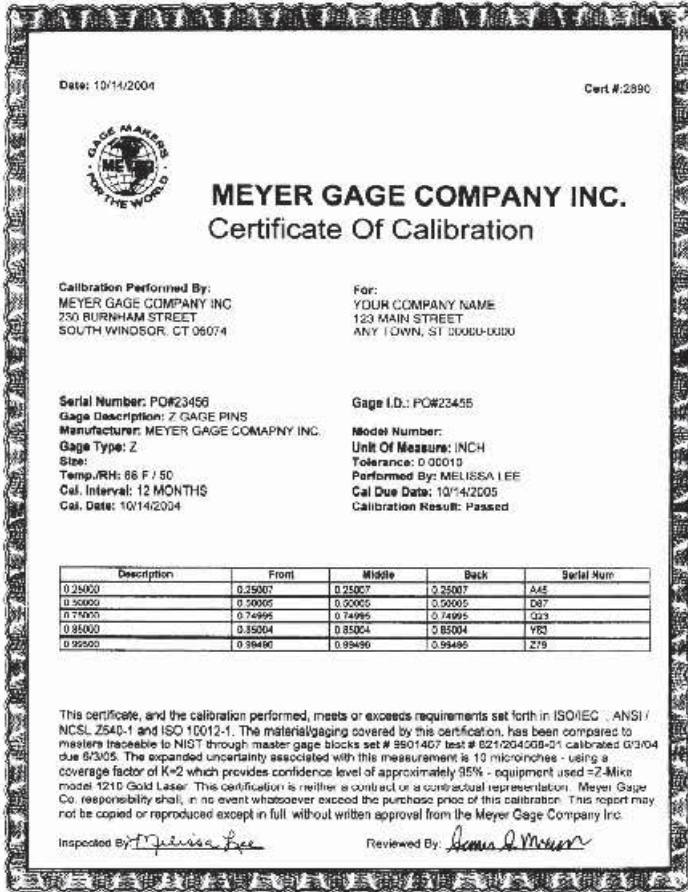
1. Used to inspect holes or slot for pass or fail conditions only.
2. Used as masters for setting micrometers, verniers, or calipers.

What Plug Gages Are Not...

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



Calibration Price List:



Certificate of Calibration

(long form)

Furnished with readings that are 5 decimal places to the right of the decimal point. These readings include 3 measurements per gage performed at the center and 1/16" in from the edge of the radius at both ends of the gage. Serial numbers are recorded on gagepins over .060". Included is a tamper proof sticker with paper certificate.

Certificate of Class/Conformance (compliance)

This certificate states that a specific gage or set of gages has been inspected by comparison with Master Gages traceable to the National Institute of Standards & Technology and found to be within the required tolerance. This certificate does not give exact size. Certificates of Conformance are available on new gages only. Certificate of Conformance certifies that a gage, as listed, is within proper tolerances and proper physical condition. (Furnished FREE with all orders from Meyer Gage)

Calibrations Traceable to NIST

Certificate of Calibration (long form certificate) gives exact size to specified tolerance. Certificates of Calibration are available with new or used gages after inspection. Calibration Certificates show actual gage measurements. Each certificate is numbered to match a number we etch on the gage providing traceability between the gage and the Certificate where gage size permits.

LONG FORM CALIBRATION PRICE LIST

PLUG & RING GAGES

	New Gages	Used Gages
Class ZZ or Z Pin Set	\$ 1.48 per pin	\$ 2.35 per pin
Class ZZ or Z Individual Pins	\$ 2.35 per pin	\$ 2.35 per pin
Class XX or X Pin Set	\$11.77 per pin	\$17.66 per pin
Class XX or X Individual Pins	\$17.66 per pin	\$29.42 per pin
Trilocks (all Classes)	\$29.42 per gage	\$35.31 per gage
Taperlocks (all Classes)	\$29.42 per gage	\$35.31 per gage
Ring Gages (all Classes)	\$29.42 per gage	\$35.31 per gage
Special Lengths Class ZZ	\$ 2.35 per gage	\$ 2.35 per gage
Special Lengths Class X	\$17.66 per gage	\$29.42 per gage

* RMA number required on all Used gages sent in for calibration. Please contact our Customer Service Department for authorization.

THREAD WIRE & GEAR WIRE PRODUCTS

	Used	New
Thread Measuring Wires (Set 3)	\$29.83	\$19.13
Special TPI	\$29.83	\$19.13
Master Thread Wires (1 Master Wire per pitch)	\$29.83	\$19.13
Gear Measuring Wires (Set 2)	\$29.83	\$19.13
Special Pitch Gear Wires	\$29.83	\$19.13

THREADED PRODUCTS

	Used	New
Thread Plugs up to 1-1/2"	\$38.66	\$16.19
Thread Plugs over 1-1/2" to 4"	\$43.08	\$23.54
Thread Plugs over 4"	\$54.84	\$35.31
Thread Rings up to 1-1/2"	\$43.08	\$16.19
Thread Rings over 1-1/2" to 4"	\$50.43	\$23.54
Thread Rings over 4"	\$69.55	\$50.02

PIPE PRODUCTS LONG FORM CERTIFICATE

	Used	New
Pipe Plugs up to 2"	\$54.84	\$44.14
Pipe Plugs over 2"	\$62.20	\$51.50
Pipe Rings up to 2"	\$54.84	\$44.14
Pipe Rings over 2"	\$62.20	\$51.50



Individual Class Z Gage Pins*

Replace missing pins! Don't live with broken sets. We stock these replacement pins in even half-thousand sizes for immediate shipment. All pins over .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"	\$6.61
.011"	to	.0605"	3.01
.061"	to	.5005"	2.69
.501"	to	.6255"	3.69
.626"	to	.7505"	5.36
.751"	to	.8325"	8.04
.833"	to	.9165"	9.19
.917"	to	1.0005"	9.50



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

Metric

0.22mm	to	1.51mm	\$3.69
1.52	to	12.71	3.35
12.72	to	15.31	4.22
15.32	to	17.81	6.62
17.82	to	20.37	7.96
20.38	to	22.05	9.32
22.06	to	23.73	10.44
23.74	to	25.41	11.74



Individual Class X, XX Gage Pins*



These pins have the same features as our Class Z pins, but with a .00004 tolerance limit and a .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 .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 now makes XX pin gages. With a tolerance of .00002 and a roundness limit of .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 .060" or 1.51mm are laser marked with size and direction of tolerance. We've also added the serial number for traceability.

Inch	Class X	2-5	6-9	10&up	Class XX	2-5	6-9	10&up
.0110" to 0.07599"	\$15.41	\$14.64	\$13.87	\$13.10	\$30.81	\$29.27	\$27.72	\$26.18
.0760" to 0.50099"	12.45	11.83	11.21	10.59	24.91	23.66	22.42	21.17
.5010" to 0.74999"	17.70	16.81	15.93	15.04	35.38	33.62	31.85	30.08
.7500" to 1.00000"	21.95	20.85	19.75	18.65	43.90	41.71	39.51	37.32
Metric	Class X				Class XX			
0.28mm to 1.900mm	\$15.41	\$14.64	\$13.87	\$13.10	\$30.81	\$29.27	\$27.72	\$26.18
1.91mm to 12.700mm	12.45	11.83	11.21	10.59	24.91	23.66	22.42	21.17
12.71mm to 19.020mm	17.70	16.81	15.93	15.04	35.38	33.62	31.85	30.08
19.03mm to 25.400mm	21.95	20.85	19.75	18.65	43.90	41.71	39.51	37.32

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.



English GO/NOGO Gages

Diameter Range	Class Z	Class Z GO	Class X	Class X GO	Class XX	Class XX GO
	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly
0.0110" to 0.0755"	\$16.70	\$11.02	\$43.71	\$24.17	\$87.42	\$48.32
0.0760" to 0.1805"	16.55	10.66	38.03	21.33	76.04	42.64
0.1810" to 0.2815"	17.77	11.73	38.38	21.68	76.75	43.35
0.2820" to 0.4065"	18.13	12.09	39.44	22.38	78.89	44.78
0.4070" to 0.5005"	20.97	14.57	42.29	24.17	84.57	48.32
0.5010" to 0.5105"	22.75	14.93	53.65	29.85	107.35	59.70
0.5110" to 0.6255"	27.71	18.49	58.63	34.11	117.25	68.22
0.6260" to 0.6355"	31.48	20.62	58.63	34.11	117.25	68.22
0.6360" to 0.7505"	33.27	22.03	60.41	35.55	120.82	71.07
0.7510" to 0.7605"	38.95	24.88	69.65	40.16	139.28	80.29
0.7610" to 0.8325"	47.62	31.98	77.39	46.56	154.76	93.10
0.8330" to 0.9165"	49.04	33.41	77.39	46.56	154.76	93.10
0.9170" to 1.0005"	50.10	34.83	77.39	46.56	154.76	93.10



Metric GO/NOGO Gages

Diameter Range (mm)	Class Z	Class Z GO	Class X	Class X GO	Class XX	Class XX GO
	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly	GO/NOGO Assembly	Assembly <i>or</i> NOGO Assembly
0.22mm to 1.90mm	\$18.13	\$11.37	\$43.71	\$24.17	\$87.42	\$48.32
1.91mm to 4.56mm	18.13	11.37	38.03	21.33	76.04	42.64
4.57mm to 7.14mm	18.46	11.73	38.38	21.68	76.75	43.35
7.15mm to 10.32mm	19.55	12.44	39.44	22.38	78.89	44.78
10.33mm to 12.70mm	22.38	14.22	42.29	24.17	84.57	48.32
12.71mm to 12.96mm	24.24	15.14	53.65	29.85	107.32	59.70
12.97mm to 15.30mm	29.22	19.41	58.63	34.11	117.25	68.22
15.31mm to 16.12mm	34.33	21.96	58.63	34.11	117.25	68.22
16.13mm to 19.30mm	38.95	23.38	60.41	35.55	120.82	71.07
19.31mm to 20.36mm	46.69	31.20	69.89	40.19	139.28	80.38
20.37mm to 22.04mm	49.53	32.62	77.39	46.56	154.76	93.10
22.05mm to 23.72mm	52.38	34.04	77.39	46.56	154.76	93.10
23.73mm to 25.41mm	55.21	35.47	77.39	46.56	154.76	93.10



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 \$0.25 per character.



Gage Accessories

Bushings

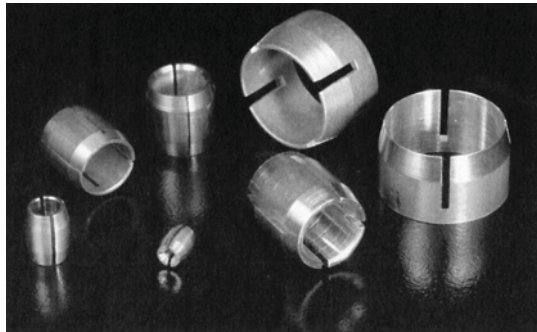
1W010 thru 5W510 \$2.49 each

6W532 thru 8W1.00 \$3.56 each

MATERIAL

1W thru 5W BRASS

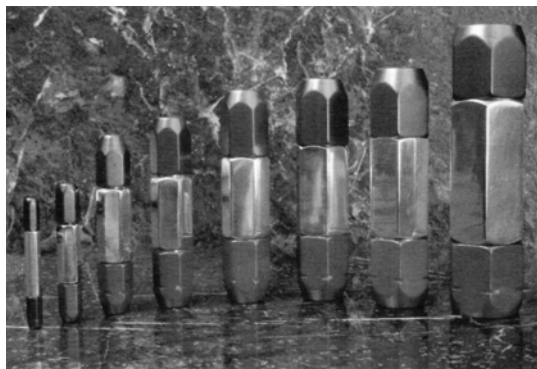
6W thru 8W ALUMINUM



Lightweight Universal Handles (No Bushings Required)



1PGHDE	.0110" - .0605"
\$16.57	.28mm - 1.51mm
2PGHDE	.0610" - .2505"
\$17.75	1.52mm - 7.71mm
3PGHDE	.2510" - .5005"
\$19.57	7.72mm - 12.71mm
4PGHDE	.5010" - .6255"
\$20.85	12.72mm - 15.31mm
5PGHDE	.6260" - .7505"
\$23.85	15.32mm - 17.81mm
6PGHDE	.7510" - .8325"
\$32.09	17.82mm - 20.37mm
7PGHDE	.8330" - 1.0150"
\$33.16	20.38mm - 25.41mm
8PGHDE	Bundle Deal
\$140.16	Buy all 7 handles



Handles furnished without bushings. Bushings sold separately. Custom engraving available at \$.25 per character.

English Wire type, Cylindrical Gage Bushings

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

Gage Handles

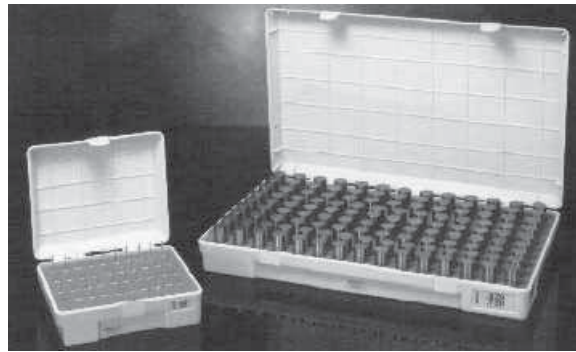
Plug Gage Diameter (mm)	Double End		Single End	
	Handle #	Price	Handle #	Price
0.005" to 0.075" (0.13 to 1.92)	1WD.E.	\$5.33	1WS.E.	\$4.99
0.076" to 0.180" (1.93 to 4.59)	2WD.E.	6.05	2WS.E.	5.33
0.181" to 0.281" (4.60 to 7.14)	3WD.E.	6.40	3WS.E.	5.69
0.282" to 0.406" (7.15 to 10.32)	4WD.E.	7.46	4WS.E.	6.40
0.407" to 0.510" (10.33 to 12.96)	5WD.E.	10.30	5WS.E.	8.17
0.511" to 0.635" (12.97 to 16.12)	6WD.E.	13.15	6WS.E.	11.37
0.636" to 0.760" (16.13 to 19.30)	7WD.E.	14.93	7WS.E.	12.80
0.761" to 1.010" (19.31 to 25.65)	8WD.E.	22.68	8WS.E.	19.20

English 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 (.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.



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.

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 & NO/GO 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 .0001" limit

Gage Set No.	Gage - Size	Pieces	Wt/Lbs.	Price	*Report
M0M - minus	0.0110" to 0.0600"	50	1	\$77.19	\$74.00
M0P - plus	0.0110" to 0.0600"	50	1	77.19	74.00
M05M - minus	0.0115" to 0.0605"	50	1	77.19	74.00
M05P - plus	0.0115" to 0.0605"	50	1	77.19	74.00
C10M - minus	0.0110" to 0.2500"	240	8	237.99	355.20
C10P - plus	0.0110" to 0.2500"	240	8	237.99	355.20
C105M - minus	0.0115" to 0.2505"	240	8	237.99	355.20
C105P - plus	0.0115" to 0.2505"	240	8	237.99	355.20
M1M - minus	0.0610" to 0.2500"	190	8	173.67	281.20
M1P - plus	0.0610" to 0.2500"	190	8	173.67	281.20
M15M - minus	0.0615" to 0.2505"	190	8	173.67	281.20
M15P - plus	0.0615" to 0.2505"	190	8	173.67	281.20
M2M - minus	0.2510" to 0.5000"	250	23	257.28	370.00
M2P - plus	0.2510" to 0.5000"	250	23	257.28	370.00
M25M - minus	0.2515" to 0.5005"	250	23	257.28	370.00
M25P - plus	0.2515" to 0.5005"	250	23	257.28	370.00
M3M - minus	0.5010" to 0.6250"	125	24	302.32	185.00
M3P - plus	0.5010" to 0.6250"	125	24	302.32	185.00
M35M - minus	0.5015" to 0.6255"	125	24	302.32	185.00
M35P - plus	0.5015" to 0.6255"	125	24	302.32	185.00
M4M - minus	0.6260" to 0.7500"	125	33	334.47	185.00
M4P - plus	0.6260" to 0.7500"	125	33	334.47	185.00
M45M - minus	0.6265" to 0.7505"	125	33	334.47	185.00
M45P - plus	0.6265" to 0.7505"	125	33	334.47	185.00
M5M - minus	0.7510" to 0.8320"	82	29	568.07	121.36
M5P - plus	0.7510" to 0.8320"	82	29	568.07	121.36
M55M - minus	0.7515" to 0.8325"	82	29	568.07	121.36
M55P - plus	0.7515" to 0.8325"	82	29	568.07	121.36
M6M - minus	0.8330" to 0.9160"	84	35	662.74	124.32
M6P - plus	0.8330" to 0.9160"	84	35	662.74	124.32
M65M - minus	0.8335" to 0.9165"	84	35	662.74	124.32
M65P - plus	0.8335" to 0.9165"	84	35	662.74	124.32
M7M - minus	0.9170" to 1.0000"	84	41	694.30	124.32
M7P - plus	0.9170" to 1.0000"	84	41	694.30	124.32
M75M - minus	0.9175" to 1.0005"	84	41	694.30	124.32
M75P - plus	0.9175" to 1.0005"	84	41	694.30	124.32

(*) Calibration report for all components in set.



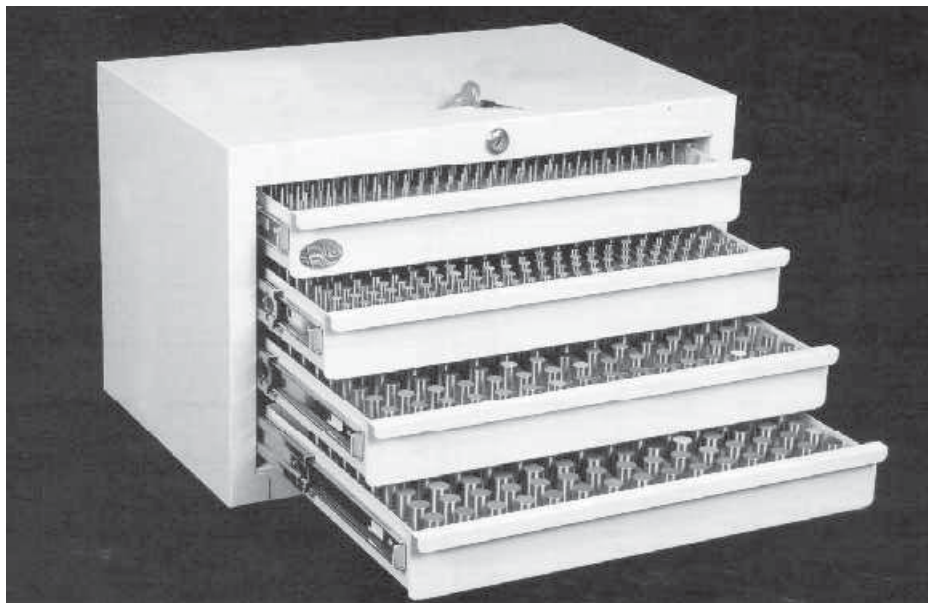
English Library Sets

Z Model No.	Wt. (lbs)	Size Range	Number of members	Price	*Report
LS - minus	87	0.011" to 0.625"	(615 gages)	\$918.04	\$910.20
LS - plus	87	0.011" to 0.625"	(615 gages)	918.04	910.20
LC - minus	120	0.011" to 0.750"	(740 gages)	1,329.70	1,095.20
LC - plus	120	0.011" to 0.750"	(740 gages)	1,329.70	1,095.20
L1 - minus	120	0.061" to 0.750"	(690 gages)	1,269.59	1,021.20
L1 - plus	120	0.061" to 0.750"	(690 gages)	1,269.59	1,021.20
L2C - minus	96	0.011" to 0.5005"	(980 gages in .0005" increments)	1,197.45	1,450.40
L2C - plus	96	0.011" to 0.5005"	(980 gages in .0005" increments)	1,197.45	1,450.40
L2 - minus	95	0.061" to 0.5005"	(880 gages in .0005" increments)	1,077.22	1,302.40
L2 - plus	95	0.061" to 0.5005"	(880 gages in .0005" increments)	1,077.22	1,302.40
**L3 - minus	240	0.061" to 1.000"	(940 gages)	3,236.47	1,391.20
**L3 - plus	240	0.061" to 1.000"	(940 gages)	3,236.47	1,391.20
**L4 - minus	240	0.011" to 1.000"	(990 gages)	3,296.58	1,465.20
**L4 - plus	240	0.011" to 1.000"	(990 gages)	3,296.58	1,465.20
L5 - minus	140	0.751" to 1.000"	(250 gages)	2,117.17	370.00
L5 - plus	140	0.751" to 1.000"	(250 gages)	2,117.17	370.00

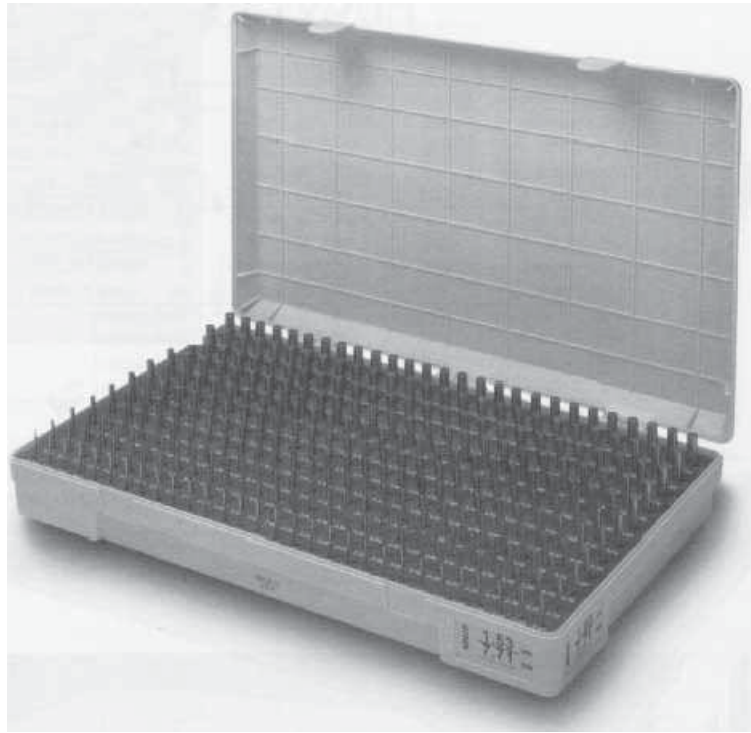
(**) Consists of (2) four-drawer cabinets

(*) Calibration report for all components in set.

Model No.	Wt. (lbs)		Price
L-E4	38	four drawer cabinet, empty	\$318.59
L-IN4	46	four drawer cabinets with inserts of your choice	\$390.73



Metric 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 & NO/GO 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	*Report
M0MMM - minus	.22 to 1.50	65	1	\$100.34	\$96.20
M0MMP - plus	.22 to 1.50	65	1	100.34	96.20
M01MMM - minus	.23 to 1.51	65	1	100.34	96.20
M01MMP - plus	.23 to 1.51	65	1	100.34	96.20
M1MMM - minus	1.52 to 7.70	310	10	353.76	458.80
M1MMP - plus	1.52 to 7.70	310	10	353.76	458.80
M11MMM - minus	1.53 to 7.71	310	10	353.76	458.80
M11MMP - plus	1.53 to 7.71	310	10	353.76	458.80
M2MMM - minus	7.72 to 12.70	250	25	380.78	370.00
M2MMP - plus	7.72 to 12.70	250	25	380.78	370.00
M21MMM - minus	7.73 to 12.71	250	25	380.78	370.00
M21MMP - plus	7.73 to 12.71	250	25	380.78	370.00
M3MMM - minus	12.72 to 15.30	130	24	421.95	192.40
M3MMP - plus	12.72 to 15.30	130	24	421.95	192.40
M31MMM - minus	12.73 to 15.31	130	24	421.95	192.40
M31MMP - plus	12.73 to 15.31	130	24	421.95	192.40
M4MMM - minus	15.32 to 17.80	125	30	447.68	185.00
M4MMP - plus	15.32 to 17.80	125	30	447.68	185.00
M41MMM - minus	15.33 to 17.81	125	30	447.68	185.00
M41MMP - plus	15.33 to 17.81	125	30	447.68	185.00
M5MMM - minus	17.82 to 20.36	128	38	531.46	189.44
M5MMP - plus	17.82 to 20.36	128	38	531.46	189.44
M51MMM - minus	17.83 to 20.37	128	38	531.46	189.44
M51MMP - plus	17.83 to 20.37	128	38	531.46	189.44
M6MMM - minus	20.38 to 22.04	84	32	636.23	124.32
M6MMP - plus	20.38 to 22.04	84	32	636.23	124.32
M61MMM - minus	20.39 to 22.05	84	32	636.23	124.32
M61MMP - plus	20.39 to 22.05	84	32	636.23	124.32
M7MMM - minus	22.06 to 23.72	84	37	734.70	124.32
M7MMP - plus	22.06 to 23.72	84	37	734.70	124.32
M71MMM - minus	22.07 to 23.73	84	37	734.70	124.32
M71MMP - plus	22.07 to 23.73	84	37	734.70	124.32
M8MMM - minus	23.74 to 25.40	84	41	754.90	124.32
M8MMP - plus	23.74 to 25.40	84	41	754.90	124.32
M81MMM - minus	23.75 to 25.41	84	41	754.90	124.32
M81MMP - plus	23.75 to 25.41	84	41	754.90	124.32

(*) - Calibration report for all components in set.



Metric Library Sets

.0025 METRIC LIBRARY SERIES

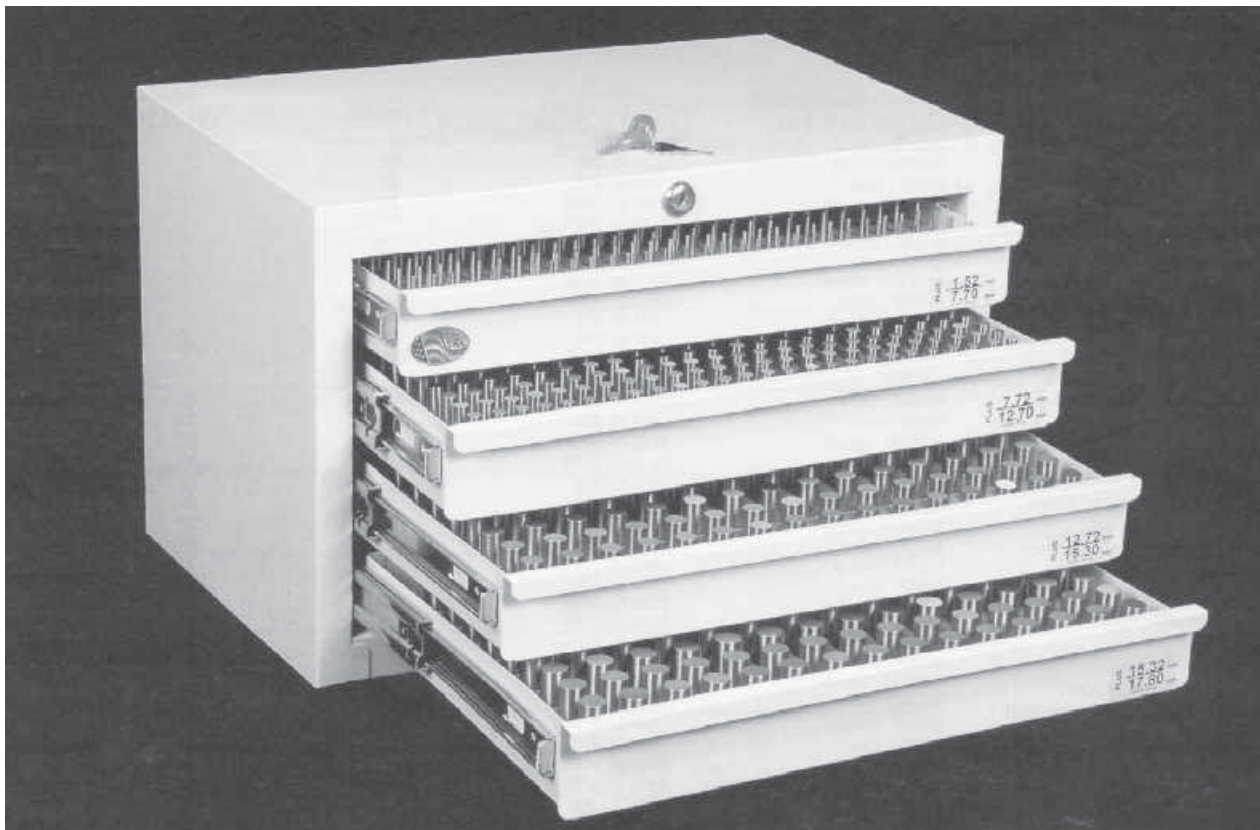
Model No.	Wt. (lbs)	Size Range	Number of members	Price	*Report
L10MM - minus	124	1.52mm to 17.80mm	(815 gages)	\$1,770.92	\$1,206.20
L10MM - plus	124	1.52mm to 17.80mm	(815 gages)	1,770.92	\$1,206.20
L11MM - minus	124	1.53mm to 17.81mm	(815 gages)	1,770.92	\$1,206.20
L11MM - plus	124	1.53mm to 17.81mm	(815 gages)	1,770.92	\$1,206.20
L20MM - minus	183	17.82mm to 25.40mm	(380 gages)	2,802.46	\$562.40
L20MM - plus	183	17.82mm to 25.40mm	(380 gages)	2,802.46	\$562.40
L21MM - minus	183	17.83mm to 25.41mm	(380 gages)	2,802.46	\$562.40
L21MM - plus	183	17.83mm to 25.41mm	(380 gages)	2,802.46	\$562.40
**L30MM - minus	305	1.52mm to 25.40mm	(1195 gages)	4,573.37	\$1,768.60
**L30MM - plus	305	1.52mm to 25.40mm	(1195 gages)	4,573.37	\$1,768.60
**L31MM - minus	305	1.53mm to 25.41mm	(1195 gages)	4,573.37	\$1,768.60
**L31MM - plus	305	1.53mm to 25.41mm	(1195 gages)	4,573.37	\$1,768.60

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

(*) Calibration report for all components in set.

Model No.	Wt. (lbs)		Price
L-E4	38	four drawer cabinet, empty	\$318.59
L-IN4	46	four drawer cabinets with inserts of your choice	\$390.73

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



Class X Gage Sets

100% Inspected for ACCURACY!

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 (M-0X not etched)
- Material: 52100 Bearing Steel
- No sharp edges
- All members 2" long

USES:

- Checking locations
- Measuring hole sizes and depth
- GO & NO/GO 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	*Report
M0XM - minus	.011 to .060	50	1	\$424.19	\$588.50
M0XP - plus	.011 to .060	50	1	424.19	588.50
M05XM - minus	.0115 to .0605	50	1	424.19	588.50
M05XP - plus	.0115 to .0605	50	1	424.19	588.50
M1XM - minus	.061 to .250	190	7	1,114.69	2,236.30
M1XP - plus	.061 to .250	190	7	1,114.69	2,236.30
M15XM - minus	.0615 to .2505	190	7	1,114.69	2,236.30
M15XP - plus	.0615 to .2505	190	7	1,114.69	2,236.30
C10XM - minus	.011 to .250	240	8	1,474.46	2,824.80
C10XP - plus	.011 to .250	240	8	1,474.46	2,824.80
C105XM - minus	.0115 to .2505	240	8	1,474.46	2,824.80
C105XP - plus	.0115 to .2505	240	8	1,474.46	2,824.80
M2XM - minus	.251 to .500	250	23	1,474.46	2,942.50
M2XP - plus	.251 to .500	250	23	1,474.46	2,942.50
M25XM - minus	.2515 to .5005	250	23	1,474.46	2,942.50
M25XP - plus	.2515 to .5005	250	23	1,474.46	2,942.50
M3XM - minus	.501 to .625	125	24	1,252.16	1,471.25
M3XP - plus	.501 to .625	125	24	1,252.16	1,471.25
M35XM - minus	.5015 to .6255	125	24	1,252.16	1,471.25
M35XP - plus	.5015 to .6255	125	24	1,252.16	1,471.25
M4XM - minus	.626 to .750	125	33	1,327.01	1,471.25
M4XP - plus	.626 to .750	125	33	1,327.01	1,471.25
M45XM - minus	.6265 to .7505	125	33	1,327.01	1,471.25
M45XP - plus	.6265 to .7505	125	33	1,327.01	1,471.25
M5XM - minus	.751 to .832	82	29	1,114.92	965.14
M5XP - plus	.751 to .832	82	29	1,114.92	965.14
M55XM - minus	.7515 to .8325	82	29	1,114.92	965.14
M55XP - plus	.7515 to .8325	82	29	1,114.92	965.14
M6XM - minus	.833 to .916	84	35	1,173.90	988.68
M6XP - plus	.833 to .916	84	35	1,173.90	988.68
M65XM - minus	.8335 to .9165	84	35	1,173.90	988.68
M65XP - plus	.8335 to .9165	84	35	1,173.90	988.68
M7XM - minus	.917 to 1.000	84	41	1,346.30	988.68
M7XP - plus	.917 to 1.000	84	41	1,346.30	988.68
M75XM - minus	.9175 to 1.0005	84	41	1,346.30	988.68
M75XP - plus	.9175 to 1.0005	84	41	1,346.30	988.68

(*) Calibration report for all components in set.



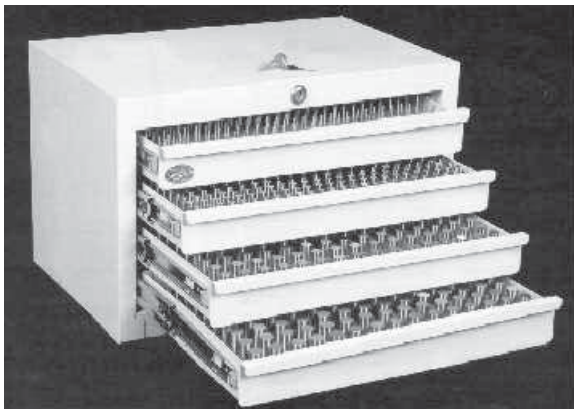
Class X Library Series

0.00004" CLASS X LIBRARY SERIES

Z Model No.	Wt. (lbs)	Size Range	Number of members	Price	*Report
LCX - minus	120	.011" to .750"	(740 gages)	\$5,528.09	\$8,709.80
LCX - plus	120	.011" to .750"	(740 gages)	5,528.09	8,709.80
L1X - minus	120	.061" to .750"	(690 gages)	5,126.58	8,121.30
L1X - plus	120	.061" to .750"	(690 gages)	5,126.58	8,121.30
L2CX - minus	96	.011" to .5005"	(980 gages in .0005" increments)	5,761.74	11,534.60
L2CX - plus	96	.011" to .5005"	(980 gages in .0005" increments)	5,761.74	11,534.60
L2X - minus	95	.061" to .5005"	(880 gages in .0005" increments)	5,039.25	10,357.60
L2X - plus	95	.061" to .5005"	(880 gages in .0005" increments)	5,039.25	10,357.60
**L3X - minus	240	.061" to 1.000"	(940 gages)	8,660.75	11,063.80
**L3X - plus	240	.061" to 1.000"	(940 gages)	8,660.75	11,063.80
**L4X - minus	240	.011" to 1.000"	(990 gages)	9,003.28	11,652.30
**L4X - plus	240	.011" to 1.000"	(990 gages)	9,003.28	11,652.30

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

(*) Calibration report for all components in set.



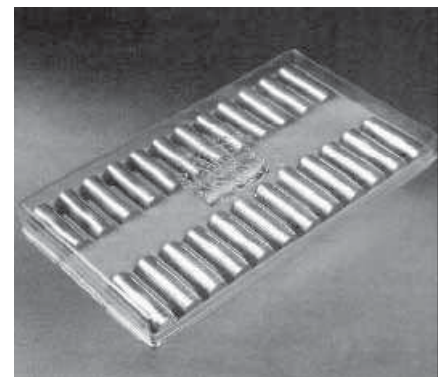
Upgrade Existing Sets

Model	Wt. (lbs)		Price
L-E4	38	four drawer cabinet, empty	\$318.59
L-IN4	46	four drawer cabinets with inserts of your choice	\$390.73

As little as
\$5.12 per
gage in sets

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.
- 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	\$257.65
MG2-25	.0610" to .2509"	1.55mm to 6.37mm	128.18
MG3-25	.2510" to .5009"	6.38mm to 12.72mm	147.77
MG4-25	.5010" to .7499"	12.73mm to 19.04mm	203.92
MG5-25	.7500" to .8129"	19.05mm to 20.64mm	285.50



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
- Plus, Minus or Bilateral tolerance
- NIST Traceable
- Stabilized and heat treated to 62-64RC

Diameter Range		2.5"	3"	4"	5"	6"	9"	12"
0.0110" to 0.0629"	0.279mm to 1.575mm	\$43.57	\$44.73	\$45.61	\$47.65	\$50.20	\$52.23	\$75.81
0.0630" to 0.1879"	1.576mm to 4.750mm	43.45	43.57	43.70	45.23	47.39	51.10	76.95
0.1880" to 0.2509"	4.751mm to 6.350mm	44.09	44.47	44.33	45.61	48.04	54.28	79.13
0.2510" to 0.3129"	6.351mm to 7.925mm	45.86	46.00	46.25	46.38	48.29	57.21	82.55
0.3130" to 0.3759"	7.926mm to 9.525mm	47.52	47.65	47.78	47.91	51.10	62.43	90.34
0.3760" to 0.4389"	9.526mm to 11.125mm	54.28	54.53	54.66	54.78	54.92	66.39	96.96
0.4390" to 0.5009"	11.126mm to 12.700mm	52.37	61.15	61.15	59.12	54.53	71.34	101.55
0.5010" to 0.5319"	12.701mm to 13.487mm	54.15	60.65	60.65	62.68	57.21	70.33	99.89
0.5320" to 0.5639"	13.488mm to 14.300mm	55.04	62.05	62.05	64.47	59.12	73.26	103.19
0.5640" to 0.5949"	14.301mm to 15.088mm	55.94	63.44	63.44	66.25	60.90	75.94	107.92
0.5950" to 0.6259"	15.089mm to 15.875mm	56.83	64.97	64.97	68.04	62.68	78.99	111.48
0.6260" to 0.6569"	15.876mm to 16.662mm	57.84	67.15	67.15	70.21	70.21	83.32	116.70
0.6570" to 0.6879"	16.663mm to 17.450mm	58.74	68.68	68.68	71.86	71.86	86.26	121.29
0.6880" to 0.7189"	17.451mm to 18.237mm	60.13	70.33	70.33	74.53	74.53	89.58	126.14
0.7190" to 0.7509"	18.238mm to 19.050mm	60.78	71.60	71.60	75.94	75.94	92.24	127.91
0.7510" to 0.7819"	19.051mm to 19.837mm	62.05	72.76	72.76	78.36	78.36	94.53	130.98
0.7820" to 0.8129"	19.838mm to 20.625mm	63.33	74.29	74.29	80.90	80.90	97.47	135.81
0.8130" to 0.8439"	20.626mm to 21.412mm	64.10	75.56	75.56	82.55	82.55	100.14	140.02
0.8440" to 0.8759"	21.413mm to 22.225mm	65.23	77.47	77.47	84.98	84.98	103.85	143.84
0.8760" to 0.9069"	22.226mm to 23.012mm	66.13	79.24	79.24	86.63	86.63	107.41	150.98
0.9070" to 0.9379"	23.013mm to 23.800mm	67.40	80.90	80.90	89.06	89.06	110.84	155.05
0.9380" to 0.9689"	23.801mm to 24.587mm	68.54	82.55	82.55	91.35	91.35	114.16	160.15
0.9690" to 1.0009"	24.588mm to 25.400mm	70.07	84.85	84.85	94.41	94.41	118.88	166.27

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	\$129.71
.0300" to .0599"	.762mm to 1.52mm	69.76
.0600" to .2009"	1.52mm to 5.10mm	47.53
.2010" to .3749"	5.11mm to 9.52mm	49.98
.3750" to .6349"	9.53mm to 16.13mm	53.29
.6350" to .7500"	16.13mm to 19.05mm	53.29
.7501" to .8750"	19.05mm to 22.23mm	93.54
.8751" to 1.000"	22.23mm to 25.40mm	104.87

OVERALL LENGTH 5" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$323.07
.0300" to .0599"	.762mm to 1.52mm	173.27
.0600" to .2009"	1.52mm to 5.10mm	89.70
.2010" to .3749"	5.11mm to 9.52mm	92.00
.3750" to .6349"	9.53mm to 16.13mm	96.60
.6350" to .7500"	16.13mm to 19.05mm	104.26
.7501" to .8750"	19.05mm to 22.23mm	166.05
.8751" to 1.000"	22.23mm to 25.40mm	190.90

OVERALL LENGTH 4" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$177.33
.0300" to .0599"	.762mm to 1.52mm	95.06
.0600" to .2009"	1.52mm to 5.10mm	65.18
.2010" to .3749"	5.11mm to 9.52mm	66.39
.3750" to .6349"	9.53mm to 16.13mm	70.38
.6350" to .7500"	16.13mm to 19.05mm	72.44
.7501" to .8750"	19.05mm to 22.23mm	125.10
.8751" to 1.000"	22.23mm to 25.40mm	137.55

OVERALL LENGTH 6" inches

Inch Size	Millimeter Size	Price
.0100" to .0299"	.254mm to .759mm	\$418.04
.0300" to .0599"	.762mm to 1.52mm	232.81
.0600" to .2009"	1.52mm to 5.10mm	102.66
.2010" to .3749"	5.11mm to 9.52mm	104.20
.3750" to .6349"	9.53mm to 16.13mm	105.80
.6350" to .7500"	16.13mm to 19.05mm	114.99
.7501" to .8750"	19.05mm to 22.23mm	206.53
.8751" to .9375"	22.23mm to 23.81mm	233.52
.9376" to 1.000"	23.82mm to 25.40mm	263.87

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

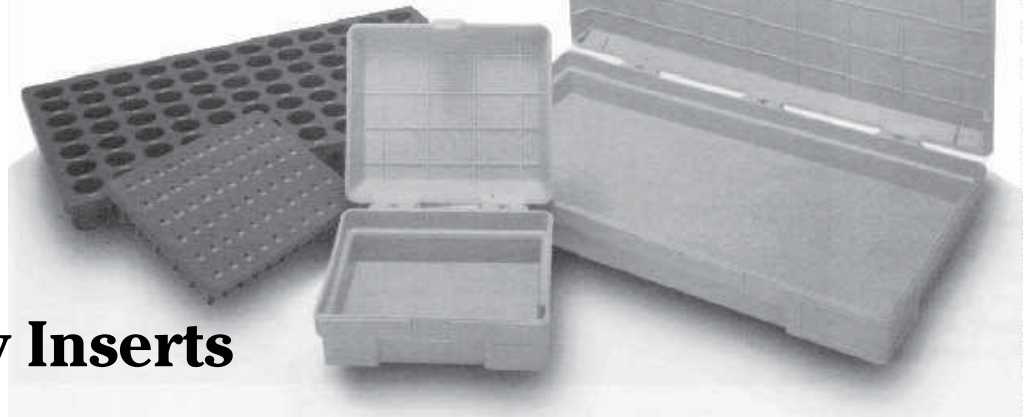


Gage Storage Accessories

Durable Poly Cases

Poly Case for M-0 Set	\$16.05 each
Poly Case for M-1 thru M-8 Set	\$32.10 each
Poly Case with insert for M-0 Set	\$32.10 each
Poly Case with insert for M-1 thru M-8 Set	\$64.20 each

Each hole size marked on insert.

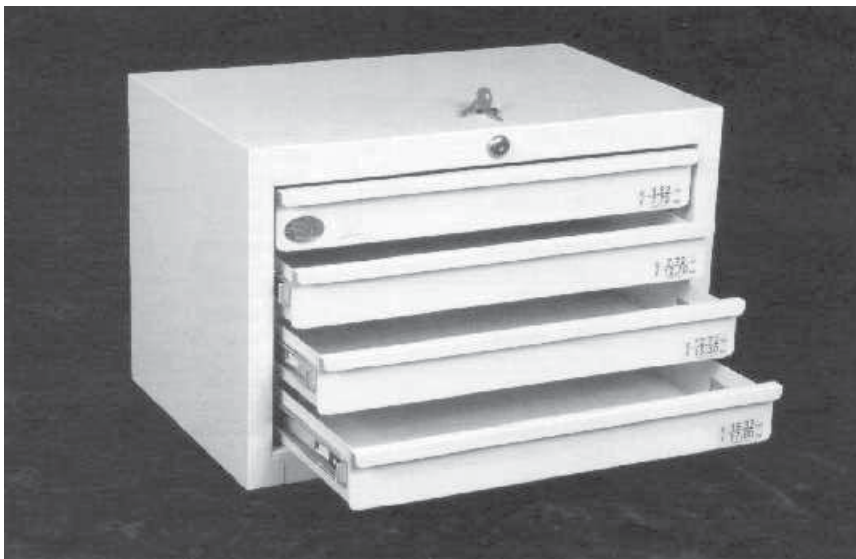


Poly Inserts

Poly Insert for M-0 Set	\$16.05 each
Poly Insert for M-1 thru M-8 Set	\$32.10 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	\$318.59
L-IN4	38	four drawer cabinet, w/4 inserts (*)	\$390.73

* Includes four inserts of your choice.

Be sure to protect your gages from heat and moisture. After use, each gage should be wiped clean of fingerprints and contaminants, then oiled with a rust inhibitor.



We recommend Tri Flow® lubricant for gage maintenance.

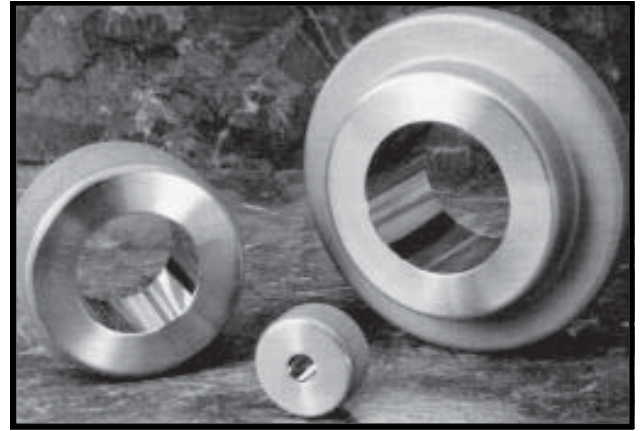
6 oz Aerosol Can \$9.19



Ring Gages*

The Meyer Difference

- ❑ **The Material.** We use only superb quality steels such as O6, 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. Meyer puts all blanks 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.



Inches Above to & including	Millimeters Above to & including	Class XX		Class X		Class Y, Z	
		In Quantities of:		In Quantities of:		In Quantities of:	
		1	2-4	1	2-4	1	2-4
.150001 - .185	3.81 - 4.70	\$193.47	\$170.24	\$174.12	\$153.22	\$154.77	\$136.20
.185001 - .230	4.70 - 5.84	184.25	162.14	165.83	145.93	147.40	129.71
.230001 - .365	5.84 - 9.27	175.48	154.43	157.93	138.98	140.38	123.54
.365001 - .510	9.27 - 12.95	167.12	147.07	150.41	132.36	133.70	117.65
.510001 - .825	12.95 - 20.96	175.48	154.43	157.93	138.98	140.38	123.54
.825001 - 1.135	20.96 - 28.83	184.25	162.14	165.83	145.93	147.40	129.71
1.135001 - 1.510	28.83 - 38.35	211.89	186.46	190.70	167.82	169.51	149.17
1.510001 - 2.010	38.35 - 51.05	243.68	214.43	219.31	192.98	194.94	171.55
2.010001 - 2.510	51.05 - 63.75	304.59	268.03	274.13	241.24	243.68	214.43
2.510001 - 3.010	63.75 - 76.45	380.73	335.05	342.67	301.55	304.59	268.03
3.010001 - 3.510	76.45 - 89.15	437.85	385.30	394.07	346.78	350.27	308.24
3.510001 - 4.010	89.15 - 101.85	503.52	443.10	453.17	398.79	402.82	354.48
.040001 - .100	1.02 - 2.54	\$182.75	\$160.82	\$164.48	\$144.74	\$146.20	\$128.66
.100001 - .150	2.54 - 3.81	158.92	139.84	143.02	125.87	127.14	111.88
.150001 - .185	3.81 - 4.70	138.19	121.61	124.37	109.44	110.55	97.28
.185001 - .230	4.70 - 5.84	131.61	115.81	118.45	104.24	105.28	92.66
.230001 - .365	5.84 - 9.27	125.34	110.31	112.81	99.27	100.27	88.24
.365001 - .510	9.27 - 12.95	119.37	105.05	107.44	94.54	95.50	84.04
.510001 - .825	12.95 - 20.96	125.34	110.31	112.81	99.27	100.27	88.24
.825001 - 1.135	20.96 - 28.83	131.61	115.81	118.45	104.24	105.28	92.66
1.135001 - 1.510	28.83 - 38.35	164.51	144.76	148.05	130.29	131.61	115.81
1.510001 - 2.010	38.35 - 51.05	189.19	166.48	170.27	149.83	151.35	133.19
2.010001 - 2.510	51.05 - 63.75	223.24	196.46	200.92	176.81	178.59	157.16
2.510001 - 3.010	63.75 - 76.45	263.43	231.81	237.08	208.63	210.73	185.44
3.010001 - 3.510	76.45 - 89.15	310.84	273.54	279.75	246.18	248.68	218.84
3.510001 - 4.010	89.15 - 101.85	366.79	322.77	330.11	290.49	293.44	258.21
.040001 - .100	1.02 - 2.54	\$291.99	\$256.96	\$262.80	\$231.26	\$233.60	\$205.57
.100001 - .150	2.54 - 3.81	265.45	233.60	238.90	210.23	212.35	186.87
.150001 - .185	3.81 - 4.70	241.32	212.35	217.18	191.12	193.05	169.88
.185001 - .230	4.70 - 5.84	234.28	206.17	210.86	185.56	187.43	164.94
.230001 - .365	5.84 - 9.27	227.46	200.16	204.71	180.15	181.97	160.13
.365001 - .510	9.27 - 12.95	220.84	194.34	198.76	174.91	176.67	155.47
.510001 - .825	12.95 - 20.96	287.09	252.64	258.38	227.37	229.68	202.11
.825001 - 1.135	20.96 - 28.83	373.22	328.43	335.89	295.58	298.57	262.74
1.135001 - 1.510	28.83 - 38.35	503.84	443.38	453.46	399.04	403.08	354.70
1.510001 - 2.010	38.35 - 51.05	680.19	598.57	612.17	538.71	544.14	478.85
2.010001 - 2.510	51.05 - 63.75	884.24	778.14	795.82	700.32	707.39	622.51
2.510001 - 3.010	63.75 - 76.45	1,105.30	972.67	994.77	875.40	884.24	778.14
3.010001 - 3.510	76.45 - 89.15	1,381.62	1,215.83	1,243.47	1,094.26	1,105.30	972.67
3.510001 - 4.010	89.15 - 101.85	1,727.03	1,519.79	1,554.34	1,367.82	1,381.62	1,215.83

❑ 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 members 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 30%; For XXX - Add 100% to XX prices.

Size Range	Class	Length	Std. GO Member Only			Length	Std. NOGO Member Only			Handle No.	Price
			1	2-4	5-10		1	2-4	5-10		
.1050" to .1500" 2.67mm to 3.81mm	XX		\$57.34	\$50.93	\$44.60		\$51.68	\$46.02	\$43.12	00	\$13.54
	X	3/8 "	48.85	44.60	38.94	7/32 "	44.60	39.96	37.86		
	Y	9.5mm	43.39	39.61	34.70	5.6mm	39.61	35.71	33.28		
	Z		38.21	34.70	31.13		35.71	32.47	30.45		
.1501" to .2300" 3.81mm to 5.84mm	XX		54.51	48.85	43.12		49.18	44.60	40.63	0	\$13.54
	X	13/32 "	46.43	41.77	37.53	9/32 "	44.60	39.61	37.53		
	Y	10.3mm	42.44	38.21	33.96	7.1mm	38.88	35.71	32.88		
	Z		34.70	31.87	29.04		33.28	30.45	28.16		
.2301" to .3650" 5.84mm to 9.27mm	XX		56.59	50.26	44.60		51.68	46.02	42.17	1	\$13.54
	X	3/4 "	47.43	43.86	38.21	5/16 "	44.60	39.61	37.53		
	Y	19.1mm	43.86	39.61	35.38	7.9mm	39.61	36.45	33.96		
	Z		36.11	33.28	29.72		33.96	31.13	28.97		
.3651" to .5100" 9.27mm to 12.95mm	XX		58.75	51.68	46.69		53.76	47.43	43.73	2	\$13.54
	X	1 "	49.52	45.27	40.36	3/8 "	46.02	40.69	38.94		
	Y	25.4mm	45.27	41.04	36.78	9.5mm	41.04	37.53	35.38		
	Z		37.53	33.96	30.45		35.38	32.07	29.72		
.5101" to .8250" 12.95mm to 20.96mm	XX		60.84	53.76	48.85		55.92	49.18	44.94	3	\$13.54
	X	1 1/4 "	51.63	46.69	41.04	1/2 "	47.43	43.12	39.96		
	Y	31.8mm	46.69	41.77	38.21	12.7mm	42.44	42.21	37.13		
	Z		39.61	35.38	31.13		37.19	33.28	31.13		
.8251" to 1.1350" 20.96mm to 28.83mm	XX		70.07	62.25	55.92		63.00	55.92	51.28	4	\$13.54
	X	1 1/2 "	56.59	51.68	44.60	5/8 "	51.68	47.43	43.33		
	Y	38.1mm	48.85	46.02	39.61	15.9mm	44.94	43.39	37.86		
	Z		43.86	39.61	34.70		40.36	37.13	33.96		
1.1351" to 1.5100" 28.83mm to 38.35mm	XX		73.57	65.08	55.59		65.83	59.09	54.24	5	\$15.23
	X	1 5/8 "	67.24	60.17	52.35	3/4 "	60.84	55.18	50.26		
	Y	41.3mm	55.18	50.93	44.60	19.1mm	50.26	45.27	41.77		
	Z		46.69	43.12	37.53		44.60	39.48	37.05		

* Taperlocks are not returnable for credit or cancellation.



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 30%; For XXX - Add 100% to XX prices up to 1.510" only.

Size Range	Class	Length	Std. GO Member Only			Length	Std. NOGO Member Only			Handle No.	Price
			1	2-4	5-10		1	2-4	5-10		
.7601" to .9470" 19.30mm to 24.05mm	XX		\$67.24	\$56.13	\$53.39		\$60.84	\$53.76	\$48.85		
	X	1 1/4 "	56.94	50.74	46.43	3/4 "	52.35	46.49	43.12		
	Y	31.8mm	48.85	43.73	40.63	19.1mm	44.94	40.29	37.13	2 1/2	\$18.62
	Z		40.63	37.13	34.63		38.21	34.84	32.41		
.9471" to 1.1350" 24.05mm to 28.83mm	XX		68.25	60.03	54.64		61.52	54.64	48.85		
	X	1 3/8 "	58.48	51.95	47.91	3/4 "	53.49	47.64	43.73		
	Y	34.9mm	50.20	44.94	41.04	19.1mm	45.95	41.37	37.86	3 1/2	18.62
	Z		43.33	39.08	35.98		40.63	36.78	33.96		
1.1351" to 1.5100" 28.83mm to 38.25mm	XX		73.30	64.35	58.48		65.75	58.69	53.43		
	X	1 1/2 "	63.94	56.94	51.47	3/4 "	58.34	51.61	47.43		
	Y	38.1mm	53.03	47.37	43.39	19.1mm	48.37	43.39	39.61	4 1/2	20.30
	Z		44.94	40.29	37.13		41.71	37.46	34.70		
1.5101" to 2.0100" 38.25mm to 51.05mm	XX		108.41	97.36	82.54		98.23	88.12	76.07		
	X	1 7/8 "	91.63	80.65	70.27	7/8 "	79.90	73.37	64.41		
	Y	47.6mm	82.33	73.84	64.35	22.2mm	71.79	66.02	58.55	5 1/2	21.53
	Z		67.10	60.44	53.76		62.79	56.26	50.80		
2.0101" to 2.5100" 51.05mm to 63.75mm	XX		130.16	114.20	97.49		118.44	106.45	91.97		
	X	2 "	108.41	95.94	82.67	7/8 "	98.23	88.12	76.07		
	Y	50.8mm	95.94	84.62	73.57	22.2mm	83.88	76.88	67.10	6	21.53
	Z		80.65	72.16	62.92		71.41	64.35	60.17		
2.5101" to 3.0100" 63.75mm to 76.45mm	XX		147.70	128.28	111.51		129.83	118.17	101.06		
	X	2 "	125.92	110.35	94.39	1 "	105.31	99.04	85.50		
	Y	50.8mm	108.41	95.94	80.65	25.4mm	94.39	88.12	76.07	7	21.53
	Z		89.81	79.57	69.47		81.32	72.16	62.79		
3.0101" to 3.5100" 76.45mm to 89.15mm	XX		180.36	158.26	134.88		155.49	143.44	122.42		
	X	2"	137.92	132.72	113.53	1 "	128.35	120.86	104.56		
	Y	50.8mm	128.75	113.53	99.04	25.4mm	112.38	106.12	92.57	7	21.53
	Z		110.35	99.04	85.90		96.75	88.20	76.40		

* Trilocks are not returnable for credit or cancellation.





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.

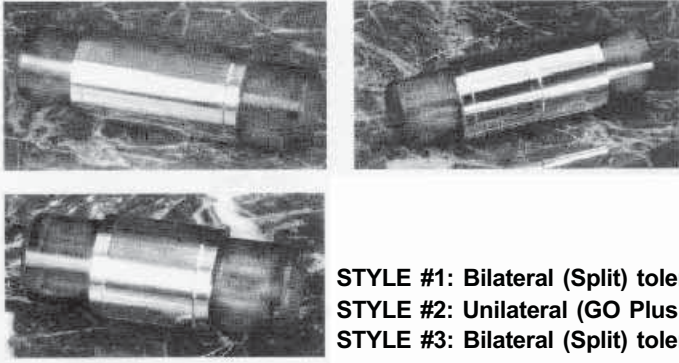
- Class XX, X, Y, or Z
- NIST traceable
- GO, NOGO tolerances
- Tool Steel 60/62 Rockwell C
- Certificate of Accuracy included
- Additional marking available \$0.25 per character

Unilateral Tolerance, GO - Plus Tolerance, NOGO - Minus Tolerance; Chrome Plates: Add 30%
 * -Not returnable for credit or cancellation

Size-Range	Class	Tolerance Inches	Member Length	GO Portion	NOGO Portion	Quantities			Handle	
						1	2-4	5-10	No.	Price
TAPERLOCK										
STYLE	X	.00004	23/32 in.	3/8 in.	7/32 in.	82.83	78.40	73.96	00	\$13.54
.105 in. to .150 in.	Y	.00007	18.3 mm	9.5 mm	5.6 mm	71.00	65.08	62.13		
2.67 mm to 3.81 mm	Z	.00010				59.16	56.21	53.25		
	XX	.00002				93.18	88.75	84.31		
.1501 in. to .230 in.	X	.00004	13/16 in.	13/32 in.	9/32 in.	78.40	73.96	71.00	0	13.54
3.81 mm to 5.84 mm	Y	.00007	20.6 mm	10.3 mm	7.1 mm	69.52	63.60	60.65		
	Z	.00010				53.25	50.30	47.33		
	XX	.00002				100.58	93.18	88.75		
.2301 in. to .365 in.	X	.00004	13/16 in.	3/4 in.	5/16 in.	81.35	76.91	72.48	1	13.54
5.84 mm to 9.27 mm	Y	.00007	30.2 mm	19.1 mm	7.9 mm	71.00	65.08	62.13		
	Z	.00010				56.21	53.25	50.30		
	XX	.00002				106.50	100.58	94.66		
.3651 in. to .510 in.	X	.00004	1 1/2 in.	1 in.	3/8 in.	85.79	81.35	76.91	2	13.54
9.27 mm to 12.95 mm	Y	.00007	38.1 mm	25.4 mm	9.5 mm	75.43	71.00	68.05		
	Z	.00010				59.16	56.21	53.24		
	XX	.00002				110.93	105.01	99.10		
.5101 in. to .825 in.	X	.00004	1 7/8 in.	1 1/4 in.	1/2 in.	88.75	84.31	79.88	3	13.54
12.95 mm to 20.96 mm	Y	.00007	47.6 mm	31.8 mm	12.7 mm	79.88	75.43	71.00		
	Z	.00010				62.13	59.16	56.21		
	XX	.00003				130.16	122.76	116.85		
.8251 in. to 1.135 in.	X	.00006	2 1/8 in.	1 3/8 in.	5/8 in.	100.58	93.18	88.75	4	13.54
20.96 mm to 28.83 mm	Y	.00009	54.0 mm	34.9 mm	15.9 mm	82.83	78.40	73.96		
	Z	.00012				72.48	68.05	63.60		
	XX	.00003				140.51	133.13	125.73		
1.1351 in. to 1.510 in.	X	.00006	2 3/8 in.	1 1/2 in.	3/4 in.	125.73	118.33	107.06	5	15.23
28.83 mm to 38.35 mm	Y	.00009	60.3 mm	38.1 mm	19.1 mm	100.58	93.18	88.75		
	Z	.00012				84.31	79.88	75.43		
	XX	.00004				208.56	198.21	186.37		
TRILOCK	X	.00008	2 7/8 in.	1 7/8 in.	7/8 in.	167.14	156.79	149.39	5 1/2	18.69
STYLE	Y	.00012	73.0 mm	47.6 mm	22.2 mm	146.44	139.04	131.64		
1.5101 in. to 2.010 in.	Z	.00016				118.33	112.41	106.50		
38.35 mm to 51.05 mm	XX	.00004				261.81	247.01	235.19		
2.0101 in. to 2.510 in.	X	.00008	3 in.	2 in.	7/8 in.	211.51	201.16	189.33	6	19.39
51.05 mm to 63.75 mm	Y	.00012	76.2 mm	50.8 mm	22.2 mm	178.98	170.09	161.23		
	Z	.00016				147.91	140.51	133.13		
	XX	.00005				284.55	282.51	267.72		
2.5101 in. to 3.010 in.	X	.00010	3 in.	2 in.	7/8 in.	244.06	232.22	218.91	7	20.89
63.75 mm to 76.45 mm	Y	.00015	76.2 mm	50.8 mm	22.2 mm	210.04	199.68	187.84		
	Z	.00020				173.06	164.18	153.83		
	XX	.00005				353.50	334.29	314.33		
3.0101 in. to 3.510 in.	X	.00010	3 in.	2 in.	7/8 in.	272.16	258.84	244.06	7	20.89
76.45 mm to 89.15 mm	Y	.00015	76.2 mm	50.8 mm	22.2 mm	242.57	230.74	217.43		
	Z	.00020				202.64	192.29	181.93		
	XX	.00005				411.20	370.48	368.30		
3.5101 in. to 4.010 in.	X	.00010	3 1/8 in.	2 1/8 in.	7/8 in.	332.80	316.54	298.79	7	20.89
89.15 mm to 101.85 mm	Y	.00015	79.4 mm	54.0 mm	22.2 mm	285.47	269.20	255.89		
	Z	.00020				239.62	227.79	214.47		
	XX	.00005				465.92	443.73	420.07		
4.0101 in. to 4.510 in.	X	.00010	3 1/8 in.	2 1/8 in.	7/8 in.	374.22	354.99	335.75	7	20.89
101.85 mm to 114.55 mm	Y	.00015	79.4 mm	54.0 mm	22.2 mm	325.40	293.00	265.64		
	Z	.00020				267.72	254.41	239.62		



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
- All inch masters are furnished with black insulators
- All metric masters are furnished with yellow insulators
- Red and Green insulators are available on special order
- 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	Style #1			Style #2			Style #3		
			Length	Steel	Chrome	Length	Steel	Chrome	Length	Steel	Chrome
.1500 in. to .2300 in. 3.81 mm to 5.84 mm	XX	.00002		\$99.10	\$127.21		\$167.14	\$217.43		\$90.23	\$118.33
	X	.00004	7/8 in.	73.96	96.15	7/8 in.	124.25	162.71	7/16 in.	68.05	87.26
	Y	.00007	22.2 mm	60.65	87.26	22.2 mm	110.93	144.96	11.1 mm	62.13	81.35
.2301 in. to .365 in. 5.84 mm to 9.27 mm	XX	.00002		102.06	133.13		168.62	226.31		91.71	119.81
	X	.00004	1 in.	75.43	99.10	1 in.	125.73	165.66	1/2 in.	69.52	90.23
	Y	.00007	25.4 mm	69.52	90.23	25.4 mm	112.41	146.43	12.7 mm	63.60	84.31
.3651 in. to .510 in. 9.27 mm to 12.95 mm	XX	.00002		103.54	134.60		170.09	220.39		94.66	124.25
	X	.00004	1 1/8 in.	76.91	100.58	1 1/8 in.	130.16	168.62	9/16 in.	71.00	91.71
	Y	.00007	28.6 mm	71.00	91.71	28.6 mm	118.33	153.83	14.3 mm	65.08	99.10
.5101 in. to .825 in. 12.95 mm to 20.96 mm	XX	.00002		105.01	137.56		173.06	223.34		96.15	125.73
	X	.00004	1 1/4 in.	78.40	102.06	1 1/4 in.	131.64	173.06	5/8 in.	72.48	93.18
	Y	.00007	31.8 mm	72.48	93.18	31.8 mm	119.81	156.79	15.9 mm	68.05	87.26
.8251 in. to 1.135 in. 20.96 mm to 28.83 mm	XX	.00003		110.93	144.96		192.29	248.49		105.01	137.56
	X	.00006	1 3/8 in.	84.31	110.93	1 3/8 in.	143.48	186.37	11/16 in.	78.40	102.06
	Y	.00009	34.9 mm	82.83	109.46	34.9 mm	140.51	181.93	17.5 mm	73.96	96.15
1.1351 in. to 1.510 in. 28.83 mm to 38.35 mm	XX	.00003		121.29	158.26		210.04	273.64		112.41	146.43
	X	.00006	1 5/8 in.	90.23	118.33	1 5/8 in.	158.26	207.08	13/16 in.	82.83	107.98
	Y	.00009	41.3 mm	84.31	110.93	41.3 mm	140.51	181.93	20.6 mm	75.43	96.15
1.5101 in. to 2.010 in. 38.35 mm to 51.05 mm	XX	.00004		140.51	181.93		238.14	309.14		127.21	167.14
	X	.00008	1 7/8 in.	105.01	137.56	2 in.	177.49	232.22	7/8 in.	96.15	125.73
	Y	.00012	47.6 mm	90.23	118.33	50.8 mm	161.23	208.56	22.2 mm	84.31	110.93
2.0101 in. to 2.510 in. 51.05 mm to 63.75 mm	XX	.00004		161.23	208.56		279.55	363.87		150.88	198.21
	X	.00008	2 in.	118.33	157.50	2 in.	207.08	269.20	7/8 in.	113.89	147.91
	Y	.00012	50.8 mm	107.98	137.56	50.8 mm	178.98	233.71	22.2 mm	96.15	125.73
2.5101 in. to 3.010 in. 63.75 mm to 76.45 mm	XX	.00005		186.37	242.57		322.45	420.07		170.09	220.39
	X	.00010	2 in.	144.96	187.84	2 1/4 in.	239.62	310.62	1 in.	125.73	165.66
	Y	.00015	50.8 mm	121.29	158.26	57.2 mm	205.59	267.72	25.4 mm	109.46	141.99
3.0101 in. to 3.510 in. 76.45 mm to 89.15 mm	XX	.00005		208.56	272.16		380.13	494.03		198.21	258.84
	X	.00010	2 in.	158.26	207.08	2 1/4 in.	285.47	369.77	1 in.	149.39	195.24
	Y	.00015	50.8 mm	140.51	181.93	57.2 mm	247.01	322.45	25.4 mm	124.25	162.71
3.5101 in. to 4.010 in. 89.15 mm to 101.85 mm	XX	.00005		244.06	319.49		406.75	529.53		208.56	272.16
	X	.00010	2 1/8 in.	181.93	238.14	2 1/4 in.	322.45	420.08	1 in.	170.09	220.39
	Y	.00015	54.0 mm	158.26	207.08	57.2 mm	275.12	359.42	25.4 mm	144.96	187.84
4.0101 in. to 4.510 in. 101.85 mm to 114.55 mm	XX	.00005		275.12	359.42		445.22	578.33		229.26	298.79
	X	.00010	2 1/8 in.	208.56	272.16	2 1/4 in.	352.03	457.05	1 in.	180.46	235.19
	Y	.00015	54.0 mm	158.26	207.08	57.2 mm	275.12	359.42	25.4 mm	144.96	187.84
4.5101 in. to 5.010 in. 114.55 mm to 127.25 mm	XX	.000065		275.12	359.42		445.22	578.33		229.26	298.79
	X	.00013	2 in.	208.56	272.16	2 1/4 in.	352.03	457.05	1 in.	180.46	235.18
	Y	.00019	54.0 mm	181.93	238.14	57.2 mm	312.09	406.75	25.4 mm	165.66	214.47
5.0101 in. to 5.510 in. 127.25 mm to 139.95 mm	XX	.000065		337.24	440.78		513.25	667.08		264.76	396.40
	X	.00013	2 1/8 in.	260.32	338.72	2 1/4 in.	418.59	544.31	1 in.	215.96	281.04
	Y	.00019	54.0 mm	235.18	306.17	57.2 mm	380.13	494.03	25.4 mm	196.72	255.89
5.5101 in. to 6.010 in. 139.95 mm to 152.65 mm	XX	.000065		360.90	468.88		597.56	776.54		279.55	363.87
	X	.00013	2 1/8 in.	285.47	369.78	2 1/4 in.	464.45	604.96	1 in.	242.57	316.54
	Y	.00019	54.0 mm	260.32	338.72	57.2 mm	430.42	559.11	25.4 mm	223.34	289.91



60° Thread Measuring Wires



60° Threads

(G)				(G)			
(n) Threads per Inch	Nominal Best Wire Diameter	(C) Nominal Constant	Price (Set of Three)	(n) Threads per Inch	Nominal Best Wire Diameter	(C) Nominal Constant	Price (Set of Three)
120	0.00481	0.00722	\$110.24	16	0.03608	0.05413	\$67.37
100	0.00577	0.00866	110.24	14	0.04124	0.06186	67.37
96	0.00601	0.00902	110.24	13	0.04441	0.06662	67.37
90	0.00642	0.00962	110.24	12	0.04811	0.07217	67.37
80	0.00722	0.01083	110.24	11 1/2	0.05020	0.07531	67.37
72	0.00802	0.01203	110.24	11	0.05249	0.07873	67.37
64	0.00902	0.01353	110.24	10	0.05774	0.08660	67.37
56	0.01031	0.01546	110.24	9	0.06415	0.09623	67.37
50	0.01155	0.01732	110.24	8	0.07217	0.10825	67.37
48	0.01203	0.01804	67.37	7 1/2	0.07698	0.11547	67.37
44	0.01312	0.01968	67.37	7	0.08248	0.12372	67.37
40	0.01443	0.02165	67.37	6	0.09623	0.14434	67.37
36	0.01604	0.02406	67.37	5 1/2	0.10497	0.15746	110.24
32	0.01804	0.02706	67.37	5	0.11547	0.17321	110.24
30	0.01925	0.02887	67.37	4 1/2	0.12830	0.19245	110.24
28	0.02062	0.03093	67.37	4	0.14434	0.21651	110.24
27	0.02138	0.03208	67.37	3	0.16496	0.24744	110.24
26	0.02221	0.03331	67.37	3 1/2	0.17765	0.26647	110.24
24	0.02406	0.03608	67.37	3 1/4	0.19245	0.28868	110.24
22	0.02624	0.03936	67.37	2 3/4	0.20995	0.31492	110.24
20	0.02887	0.04330	67.37	2 1/2	0.23094	0.34641	110.24
18	0.03208	0.04811	67.37	2	0.28868	0.43301	110.24

60° Metric Threads

Pitch mm	Nominal Best Wire Diameter mm	Nominal Constant mm	Price (Set of Three)
.2	0.1155	0.1732	\$110.24
.225	0.1299	0.1949	110.24
.25	0.1443	0.2165	110.24
.3	0.1732	0.2598	110.24
.35	0.2021	0.3031	110.24
.4	0.2309	0.3464	110.24
.45	0.2598	0.3897	110.24
.5	0.2887	0.4330	110.24
.6	0.3464	0.5196	110.24
.7	0.4041	0.6062	110.24
.75	0.4330	0.6495	67.37
.8	0.4619	0.6928	67.37
.9	0.5196	0.7794	67.37
1.0	0.5774	0.8660	67.37
1.25	0.7217	1.0825	67.37
1.5	0.8660	1.2990	67.37
1.75	1.0104	1.5155	67.37
2.0	1.1547	1.7321	67.37
2.5	1.4434	2.1651	67.37
3.0	1.7321	2.5981	67.37
3.5	2.0207	3.0311	67.37
4.0	2.3094	3.4641	67.37
4.5	2.5981	3.8971	67.37
5.0	2.8868	4.3301	110.24
5.5	3.1754	4.7631	110.24
6.0	3.4641	5.1962	110.24
7.0	4.0415	6.0622	110.24
8.0	4.6188	6.9282	110.24
9.0	5.1962	7.7942	110.24
10.0	5.7735	8.6603	110.24

29° Acme Best Threads

(n) Threads per Inch	(G) Nominal Best Wire Diameter	Price (Set of Three)
1	0.51645	\$127.09
1 1/3	0.38734	127.09
1 1/2	0.34430	127.09
1 3/4	0.29511	127.09
2	0.25823	127.09
2 1/2	0.20658	127.09
3	0.17215	127.09
3 1/2	0.14756	101.06
4	0.12911	101.06
4 1/2	0.11477	101.06
5	0.10329	101.06
5 1/2	0.09390	101.06
6	0.08608	101.06
7	0.07378	101.06
8	0.06456	101.06
9	0.05738	101.06
10	0.05164	101.06
12	0.04304	101.06
14	0.03689	101.06
16	0.03228	101.06
18	0.02869	101.06
20	0.02582	101.06

Meyer Gage Thread Measuring Wires, together with a micrometer, are used to quickly & accurately measure pitch diameters of external threads. They are perfect for calibrating or checking wear threads plug gages, and are used to monitor and control pitch diameters manufactured threads. A tolerance of $\pm .0001$ " of the exact size of the wires and within $\pm .00002$ " of the best wire diameter (G) as specified for Grade A Wires.

- 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* 30 Sizes (5 to 80 TPI) with wood case	\$2,324.32
Set No. 34 HS* 34 Sizes (4 to 80 TPI) with wood case	\$2,760.70
Set No. 20 HS* 20 Sizes (6 to 36 TPI) with wood case	\$1,434.71

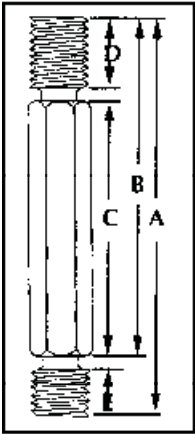
60° Metric Thread

Measuring Wires	Price
Set No. 30M 30 Sizes (.2 pitch to 10 pitch) with wood case	\$2,750.00
Set No. 23M 23 Sizes (.3 pitch to 6 pitch) with wood case	\$2,068.61

* 7-1/2 & 22 TPI not included in these sets.
** Not all sizes available



Taperlock Steel Thread Plug Gages



Thread plug gages are made of selected steel, manufactured with the finest equipment available, and meticulously inspected in every thread element. The name Meyer Gage is your guarantee of the finest in thread gages.

Standard in "X" tolerance.

Optional color gage handles available upon request — ideal to identify metric versus inch or master versus working gages.

The shanks on the gaging members are tapered to fit corresponding taper holes in the handles. Worn members may be removed and the handles salvaged for use with new members.

Member sizes 0 - 6 have male point in addition to length shown. Chip grooves are supplied on Go Members #10 machine screw and larger.

Nominal Size		A Overall	B Go Member & Handle	Length C Handle Only	D Go Member	E NoGo Member	Handle	
Inch	mm						Hex Size	No.
0, 1, 2, 3	1.6, 2, 2.5	2-1/2	2-1/32	1-1/2	1/4	3/16	3/16	000
4, 5, 6	3, 3.5	2-31/32	2-13/32	1-3/4	5/16	7/32	1/4	00
8, 10, 12	4, 4.5, 5	3-3/16	2-21/32	2	13/32	9/32	5/16	0
1/4, 5/16	6, 6.3, 7, 8	4-1/16	3-1/2	2-3/4	1/2	5/16	3/8	1
3/8, 7/16, 1/2	10, 12	4-5/8	4	3	3/4	3/8	1/2	2
9/16, 5/8, 3/4	14, 16, 18, 20	5-1/8	4-3/8	3-1/4	7/8	1/2	11/16	3
7/8, 1, 1-1/8	24	5-7/8	4-15/16	3-5/8	1	5/8	7/8	4
1-1/4, 1-3/8, 1-1/2		5-1/2 + D	4-3/8 + D	4	*	3/4	1	5

*D=1" for 12 threads per inch and finer; 1-1/4" for threads per inch coarser than 12. Item numbers and prices on next page.

CLASS X THREAD GAGE TOLERANCES

Thread per Inch	Tolerance Lead, Inch	Tolerance on Half Angle of Thread °± min.	Major or Minor Diameter		To and Including 1-1/2" Diameter	Tolerance on Pitch Diameter		Above 8" to 12" Diameter
			To and Including 4" Diameter	Above 4" Diameter		Above 1-1/2" to 4" Diameter	Above 4" to 8" Diameter	
80	.0002	0° 30'	.0003	—	.0002	—	—	—
72	.0002	0° 30'	.0003	—	.0002	—	—	—
64	.0002	0° 30'	.0004	—	.0002	—	—	—
56	.0002	0° 30'	.0004	—	.0002	.0003	—	—
48	.0002	0° 30'	.0004	—	.0002	.0003	—	—
40	.0002	0° 20'	.0004	—	.0002	.0003	—	—
36	.0002	0° 20'	.0004	—	.0002	.0003	—	—
32	.0003	0° 15'	.0005	.0007	.0003	.0004	.0005	.0006
28	.0003	0° 15'	.0005	.0007	.0003	.0004	.0005	.0006
27	.0003	0° 15'	.0005	.0007	.0003	.0004	.0005	.0006
24	.0003	0° 15'	.0005	.0007	.0003	.0004	.0005	.0006
20	.0003	0° 15'	.0005	.0007	.0003	.0004	.0005	.0006
18	.0003	0° 10'	.0005	.0007	.0003	.0004	.0005	.0006
16	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
14	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
13	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
12	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
11-1/2	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
11	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
10	.0003	0° 10'	.0006	.0009	.0003	.0004	.0006	.0008
9	.0003	0° 10'	.0007	.0011	.0003	.0004	.0006	.0008
8	.0004	0° 5'	.0007	.0011	.0004	.0005	.0006	.0008
7	.0004	0° 5'	.0007	.0011	.0004	.0005	.0006	.0008
6	.0004	0° 5'	.0008	.0013	.0004	.0005	.0006	.0008
5	.0004	0° 5'	.0008	.0013	—	.0005	.0006	.0008
4-1/2	.0004	0° 5'	.0008	.0013	—	.0005	.0006	.0008
4	.0004	0° 5'	.0009	.0015	—	.0005	.0006	.0008



Taperlock Steel Thread Plug Gages

- Machined from the highest quality oil hardened tool steels
- Manufactured on the latest equipment under ideal conditions
- Meticulously inspected in every thread element
- Chip grooves are supplied on all Go members #10 Machine Screw and larger
- Standard in "X" tolerance, standard A.G.D. dimensions
- Special thread plug gages available expedited delivery



HOW TO ORDER

1. Quantity and type (member only, member with handle or double end with handle).
2. Specify nominal size and threads per inch, Go and/or No Go.
3. Class of fit: 2B or 3B.
4. Handles are not included with single members.
5. If handle is required with a single member, please specify "with handle" at time of order.
6. Include special marking instructions if any.
7. For Taperlock members with Chrome add 25%.
8. Special Thread Plug Gages price on application.
9. If Special Pitch diameter limits specify Go and No Go gages.

TAPERLOCK STYLE WORK PLUG GAGES

Product Group #19-00T

	Nominal Size		Go Member		No Go Member		Double End w/Handle			Handle Only	
			Class 2B or 3B Item No.	Class 2B Item No.	Class 3B Item No.	Price Per Member	Class 2B Item No.	Class 3B Item No.	Price	Size	Price
0	80	UNF	M150100	M160100	M170100	\$45.94	M150116	M150117	\$104.12	000	\$13.54
1	64	UNC	M150200	M160200	M170200	45.94	M150216	M150217	104.12	000	13.54
1	72	UNF	M150300	M160300	M170300	45.94	M150316	M150317	104.12	000	13.54
2	56	UNC	M150400	M160400	M170400	45.94	M150416	M150417	104.12	000	13.54
2	64	UNF	M150500	M160500	M170500	45.94	M150516	M150517	104.12	000	13.54
3	48	UNC	M150600	M160600	M170600	41.34	M150616	M150617	94.93	000	13.54
3	56	UNF	M150700	M160700	M170700	41.34	M150716	M150717	94.93	000	13.54
4	40	UNC	M150900	M160900	M170900	41.34	M150916	M150917	94.93	00	13.54
4	48	UNF	M151000	M161000	M171000	41.34	M151016	M151017	94.93	00	13.54
5	40	UNC	M151100	M161100	M171100	35.22	M151116	M151117	82.68	00	13.54
5	44	UNF	M151200	M161200	M171200	35.22	M151216	M151217	82.68	00	13.54
6	32	UNC	M151300	M161300	M171300	35.22	M151316	M151317	82.68	0	13.54
6	40	UNF	M151400	M161400	M171400	35.22	M151416	M151417	82.68	0	13.54
8	32	UNC	M151500	M161500	M171500	35.22	M151516	M151517	82.68	0	13.54
8	36	UNF	M151600	M161600	M171600	35.22	M151616	M151617	82.68	0	13.54
10	24	UNC	M151700	M161700	M171700	35.22	M151716	M151717	82.68	0	13.54
10	32	UNF	M151800	M161800	M171800	35.22	M151816	M151817	82.68	0	13.54
12	24	UNC	M151900	M161900	M171900	35.22	M151916	M151917	82.68	0	13.54
12	28	UNF	M152000	M162000	M172000	35.22	M152016	M152017	82.68	0	13.54
12	32	UNEF	M152100	M162100	M172100	47.47	M152116	M152117	107.18	0	13.54
1/4	20	UNC	M152200	M162200	M172200	30.62	M152216	M152217	73.50	1	13.54
1/4	28	UNF	M152300	M162300	M172300	30.62	M152316	M152317	73.50	1	13.54
1/4	32	UNEF	M152400	M162400	M172400	59.72	M152416	M152417	131.68	1	13.54
5/16	18	UNC	M152500	M162500	M172500	30.62	M152516	M152517	73.50	1	13.54
5/16	24	UNF	M152600	M162600	M172600	30.62	M152616	M152617	73.50	1	13.54
5/16	32	UNEF	M152700	M162700	M172700	59.72	M152716	M152717	131.68	1	13.54
3/8	16	UNC	M152800	M162800	M172800	32.15	M152816	M152817	76.56	2	13.54
3/8	24	UNF	M152900	M162900	M172900	32.15	M152916	M152917	76.56	2	13.54
3/8	32	UNEF	M153000	M163000	M173000	68.90	M153016	M153017	150.05	2	13.54
7/16	14	UNC	M153100	M163100	M173100	32.15	M153116	M153117	76.56	2	13.54
7/16	20	UNF	M153200	M163200	M173200	32.15	M153216	M153217	76.56	2	13.54
7/16	28	UNEF	M153300	M163300	M173300	68.90	M153316	M153317	150.05	2	13.54
1/2	13	UNC	M153400	M163400	M173400	35.22	M153416	M153417	82.68	2	13.54

continued on next page



TAPERLOCK STLE WORK PLUG GAGES (cont'd.)

Product Group #19-00T

Nominal Size	Go Member		No Go Member		Double End w/Handle			Handle Only Price
	Class 2B or 3B Item No.	Class 2B Item No.	Class 3B Item No.	Price Per Member	Class 2B Item No.	Class 3B Item No.	Price	
1/2 20 UNF	M153500	M163500	M173500	\$35.22	M153516	M153517	\$82.68	2 \$13.54
1/2 28 UNEF	M153600	M163600	M173600	70.43	M153616	M153617	153.12	2 13.54
9/16 12 UNC	M153700	M163700	M173700	45.94	M153716	M153717	104.12	3 13.54
9/16 18 UNF	M153800	M163800	M173800	45.94	M153816	M153817	104.12	3 13.54
9/16 24 UNEF	M153900	M163900	M173900	79.62	M153916	M153917	171.49	3 13.54
5/8 11 UNC	M154000	M164000	M174000	45.94	M154016	M154017	104.12	3 13.54
5/8 18 UNF	M154100	M164100	M174100	45.94	M154116	M154117	104.12	3 13.54
5/8 24 UNEF	M154200	M164200	M174200	79.62	M154216	M154217	171.49	3 13.54
11/16 24 UNEF	M154300	M164300	M174300	79.62	M154316	M154317	171.49	3 13.54
3/4 10 UNC	M154400	M164400	M174400	50.53	M154416	M154417	113.31	3 13.54
3/4 16 UNF	M154500	M164500	M174500	50.53	M154516	M154517	113.31	3 13.54
3/4 20 UNEF	M154600	M164600	M174600	81.15	M154616	M154617	174.55	3 13.54
13/16 20 UNEF	M154700	M164700	M174700	91.87	M154716	M154717	195.99	3 13.54
7/8 9 UNC	M154800	M164800	M174800	53.59	M154816	M154817	119.43	4 13.54
7/8 14 UNF	M154900	M164900	M174900	53.59	M154916	M154917	119.43	4 13.54
7/8 20 UNEF	M155000	M165000	M175000	91.87	M155016	M155017	195.99	4 13.54
15/16 20 UNEF	M155100	M165100	M175100	93.40	M155116	M155117	199.05	4 13.54
1 8 UNC	M155200	M165200	M175200	64.31	M155216	M155217	140.87	4 13.54
1 12 UNF	M155300	M165300	M175300	64.31	M155316	M155317	140.87	4 13.54
1 14 UNS	M155400	M165400	M175400	64.31	M155416	M155417	140.87	4 13.54
1 20 UNEF	M155500	M165500	M175500	105.65	M155516	M155517	223.55	4 13.54
1-1/16 18 UNEF	M155600	M165600	M175600	108.71	M155616	M155617	229.68	4 13.54
1-1/8 7 UNC	M155700	M165700	M175700	81.15	M155716	M155717	174.55	4 13.54
1-1/8 12 UNF	M155800	M165800	M175800	81.15	M155816	M155817	174.55	4 13.54
1-1/8 18 UNEF	M155900	M165900	M175900	107.18	M155916	M155917	226.61	4 13.54
1-3/16 18 UNEF	M156000	M166000	M176000	114.84	M156016	M156017	243.46	5 15.23
1-1/4 7 UNC	M156100	M166100	M176100	84.21	M156116	M156117	182.21	5 15.23
1-1/4 12 UNF	M156200	M166200	M176200	84.21	M156216	M156217	182.21	5 15.23
1-1/4 18 UNEF	M156300	M166300	M176300	110.24	M156316	M156317	234.27	5 15.23
1-5/16 18 UNEF	M156400	M166400	M176400	125.56	M156416	M156417	264.89	5 15.23
1-3/8 6 UNC	M156500	M166500	M176500	94.93	M156516	M156517	203.65	5 15.23
1-3/8 12 UNF	M156600	M166600	M176600	94.93	M156616	M156617	203.65	5 15.23
1-3/8 18 UNEF	M156700	M166700	M176700	131.68	M156716	M156717	277.14	5 15.23
1-7/16 18 UNEF	M156800	M166800	M176800	136.27	M156816	M156817	286.33	5 15.23
1-1/2 6 UNC	M156900	M166900	M176900	107.18	M156916	M156917	228.14	5 15.23
1-1/2 12 UNF	M157000	M167000	M177000	107.18	M157016	M157017	228.14	5 15.23
1-1/2 18 UNEF	M157100	M167100	M177100	140.87	M157116	M157117	295.52	5 15.23



TAPERLOCK HSS THREAD PLUG GAGES TiN COATED

From start to finish, TiN coated Taperlock gages stretch your investment in quality. Meyer Gage gages feature high quality taper lock thread gages with a titanium nitride coating. TiN gages are first made of HSS Steel with the same care and accuracy all Meyer Gage gages display. Then we apply a thin coating of titanium nitride, offering an excellent, uniform hard coating with no loss of substrate hardness or physical distortion. The added hardness and lubricity of the coating gives you:



- Greatly increased gage life - up to 10 times longer than uncoated gages.
- Titanium Nitride (TiN) coated surface hardness is greater than that of the High Speed Steel base gage member.
- Increased corrosion and abrasion resistance due to the inert hard characteristics of the TiN coating.
- Reduced material build-up due to the added lubricity properties of the TiN coating.
- Gage members are manufactured from selected High Speed Steel and TiN coated for added abrasion resistance and wear life.
- Ideal for severe gaging environments.
- Chip grooves are supplied on all Go members #10 machine screw and larger.

TiN COATED TAPERLOCK HSS

Product Group #19-00TI

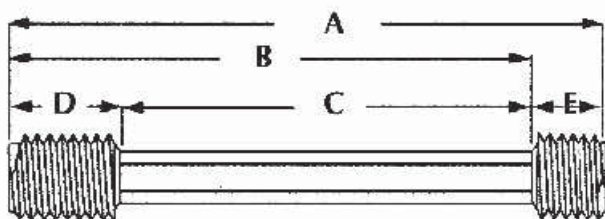
Nominal Size	Go Member		No Go Member		Double End w/Handle			Handle Only	
	Class 2B or 3B Item No.	Class 2B Item No.	Class 3B Item No.	Price	Class 2B Item No.	Class 3B Item No.	Price	Size	Price
2 56 UNC	M450400	M460400	M470400	\$81.15	M450446	M450447	\$174.55	000	\$13.54
2 64 UNF	M450500	M460500	M470500	81.15	M450546	M450547	174.55	000	13.54
3 48 UNC	M450600	M460600	M470600	73.50	M450646	M450647	159.24	000	13.54
3 56 UNF	M450700	M460700	M470700	73.50	M450746	M450747	159.24	000	13.54
4 40 UNC	M450900	M460900	M470900	70.43	M450946	M450947	153.12	00	13.54
4 48 UNF	M451000	M461000	M471000	70.43	M451046	M451047	153.12	00	13.54
5 40 UNC	M451100	M461100	M471100	62.78	M451146	M451147	137.81	00	13.54
5 44 UNF	M451200	M461200	M471200	62.78	M451246	M451247	137.81	00	13.54
6 32 UNC	M451300	M461300	M471300	62.78	M451346	M451347	137.81	00	13.54
6 40 UNF	M451400	M461400	M471400	62.78	M451446	M451447	137.81	00	13.54
8 32 UNC	M451500	M461500	M471500	62.78	M451546	M451547	137.81	0	13.54
8 36 UNF	M451600	M461600	M471600	62.78	M451646	M451647	137.81	0	13.54
10 24 UNC	M451700	M461700	M471700	62.78	M451746	M451747	137.81	0	13.54
10 32 UNF	M451800	M461800	M471800	62.78	M451846	M451847	137.81	0	13.54
12 24 UNC	M451900	M461900	M471900	62.78	M451946	M451947	137.81	0	13.54
12 28 UNF	M452000	M462000	M472000	62.78	M452046	M452047	137.81	0	13.54
1/4 20 UNC	M452200	M462200	M472200	50.53	M452246	M452247	113.31	1	13.54
1/4 28 UNF	M452300	M462300	M472300	50.53	M452346	M452347	113.31	1	13.54
5/16 18 UNC	M452500	M462500	M472500	50.53	M452546	M452547	113.31	1	13.54
5/16 24 UNF	M452600	M462600	M472600	50.53	M452646	M452647	113.31	1	13.54
3/8 16 UNC	M452800	M462800	M472800	55.12	M452846	M452847	122.49	1	13.54
3/8 24 UNF	M452900	M462900	M472900	55.12	M452946	M452947	122.49	2	13.54
7/16 14 UNC	M453100	M463100	M473100	55.12	M453146	M453147	122.49	2	13.54
7/16 20 UNF	M453200	M463200	M473200	55.12	M453246	M453247	122.49	2	13.54
1/2 13 UNC	M453400	M463400	M473400	62.78	M453446	M453447	137.81	2	13.54
1/2 20 UNF	M453500	M463500	M473500	62.78	M453546	M453547	137.81	2	13.54
9/16 12 UNC	M453700	M463700	M473700	79.62	M453746	M453747	171.49	3	13.54
9/16 18 UNF	M453800	M463800	M473800	79.62	M453846	M453847	171.49	3	13.54
5/8 11 UNC	M454000	M464000	M474000	79.62	M454046	M454047	171.49	3	13.54
5/8 18 UNF	M454100	M464100	M474100	79.62	M454146	M454147	171.49	3	13.54
3/4 10 UNC	M454400	M464400	M474400	88.81	M454446	M454447	189.87	3	13.54
3/4 16 UNF	M454500	M464500	M474500	88.81	M454546	M454547	189.87	3	13.54

TiN coated metric gages available, price on application.
When ordering, please use the item numbers.



TRILOCK REVERSIBLE STEEL THREAD PLUG GAGES

- Trilock gages are reversible, doubling gage wear life.
- When worn out at one end, they may be reversed on the specially designed handle and the unused end can be put to use.
- Available as Class 2B.
- Gage member is held on the handle by means of a socket head cap screw.
- For chrome, add 30%.
- For class 3B, price on application.
- Standard in Class X tolerance.



• *General Dimensions*

Nominal Size	A Overall	B Go Member & Handle	Length C Handle Only	D Go Member	E No Go Member	Handle	
						Handle Hex Size	No.
7/8	5-3/4	5	4	1	3/4	1/2	2-1/2
1	5-7/8	5-1/8	4	1-1/8	3/4	5/8	3-1/2
1-1/8-7	6-1/8	5-3/8	4	1-3/8	3/4	5/8	3-1/2
1-1/8-12	5-7/8	5-1/8	4	1-1/8	3/4	5/8	3-1/2
1-1/4-7	5-7/8	5-1/2	4	1-1/8	3/4	13/16	4-1/2
1-1/4-12	6	5-1/4	4	1-1/4	3/4	13/16	4-1/2
1-3/8-6, 1-1/2-6	6-1/4	5-1/2	4	1-1/2	3/4	13/16	4-1/2
1-3/8-12, 1-1/2-12	6	5-1/4	4	1-1/4	3/4	13/16	4-1/2

TRILOCK REVERSIBLE STYLE

Product Group #19-00TRI

Nominal Size	Go Member Class 2B or 3B			No Go Member Class 2B		Double End w/Handle Class 2B		Handle Only	
	UN	Item No.	Item No.	Item No.	Price	Item No.	Price	No.	Price
7/8	9	UN	M104800	M114800	\$87.28	M104811	\$191.40	2-1/2	\$18.62
7/8	14	UN	M104900	M114900	87.28	M104911	191.40	2-1/2	18.62
1	8	UN	M105200	M115200	96.46	M105211	209.77	3-1/2	18.62
1	12	UN	M105300	M115300	96.46	M105311	209.77	3-1/2	18.62
1-1/8	7	UN	M105700	M115700	116.37	M105711	249.58	3-1/2	18.62
1-1/8	12	UN	M105800	M115800	116.37	M105811	249.58	3-1/2	18.62
1-1/4	7	UN	M106100	M116100	130.15	M106111	278.67	4-1/2	20.30
1-1/4	12	UN	M106200	M116200	130.15	M106211	278.67	4-1/2	20.30
1-3/8	6	UN	M106500	M116500	153.12	M106511	324.61	4-1/2	20.30
1-3/8	12	UN	M106600	M116600	153.12	M106611	324.61	4-1/2	20.30
1-1/2	6	UN	M106900	M116900	177.62	M106911	373.61	4-1/2	20.30
1-1/2	12	UN	M107000	M117000	177.62	M107011	373.61	4-1/2	20.30

Handles are not included with single members. If handles are required for Go or No Go members, specify "with handle".

3B Gages are available and priced the same as 2B Gages.

When ordering, please use items numbers.



HELICAL COIL TAPERLOCK STEEL GAGES (STD)

- Standard in Class X Tolerance.
- Handles are not included with single members.
- If handles are required for Go or No Go members, specify "with handle".
- For "W" Tolerance add 33.3%.
- Titanium Nitride coated members available, price on application.
- Larger sizes available, price on application.
- Metric sizes available, price on application.

HOW TO ORDER

1. Specify quantity and type (members only, member with handle or double end with handle).
2. Specify nominal diameter and threads per inch Go and/or No Go.
3. Select class of fit, 2B or 3B.
4. Special marking instructions, if any.
5. If handle is required with a single member, please specify "with handle" at time of order.

HOW TO PRICE

1. Select desired size and class of fit.
2. For chrome, add 30%.

HELICAL COIL GAGES (STD)

Product Group #19-00THC

Nominal Size	Go Member		No Go Member		Double End w/Handle			Handle Only	
	Class 2B or 3B	Class 2B	Class 3B	Price	Class 2B	Class 3B	Price	No.	Price
	Item No.	Item No.	Item No.		Item No.	Item No.			
2 56 UNC	M550400	M560400	M570400	\$76.56	M550456	M550457	\$165.37	00	\$13.54
4 40 UNC	M550900	M560900	M570900	67.37	M550956	M550957	146.99	00	13.54
6 32 UNC	M551300	M561300	M571300	61.25	M551356	M551357	134.74	0	13.54
8 32 UNC	M551500	M561500	M571500	61.25	M551556	M551557	134.74	0	13.54
10 24 UNC	M551700	M561700	M571700	61.25	M551756	M551757	134.74	0	13.54
10 32 UNF	M551800	M561800	M571800	61.25	M551856	M551857	134.74	0	13.54
1/4 20 UNC	M552200	M562200	M572200	56.65	M552256	M552257	125.56	1	13.54
1/4 28 UNF	M552300	M562300	M572300	56.65	M552356	M552357	125.56	1	13.54
5/16 18 UNC	M552500	M562500	M572500	56.65	M552556	M552557	125.56	2	13.54
5/16 24 UNF	M552600	M562600	M572600	56.65	M552656	M552657	125.56	2	13.54
3/8 16 UNC	M552800	M562800	M572800	61.25	M552856	M552857	134.74	2	13.54
3/8 24 UNF	M552900	M562900	M572900	61.25	M552956	M552957	134.74	2	13.54
7/16 20 UNF	M553200	M563200	M573200	61.25	M553256	M553257	134.74	3	13.54
1/2 13 UNC	M553400	M563400	M573400	62.78	M553456	M553457	137.81	3	13.54
1/2 20 UNF	M553500	M563500	M573500	62.78	M553556	M553557	137.81	3	13.54



REVERSIBLE STEEL THREAD PLUG GAGES

HOW TO ORDER

1. Specify quantity and type (members only, member with handle or double end with handle).
2. Specify nominal diameter and threads per inch Go and/or No Go.
3. Select class of fit, 2B or 3B.
4. Special marking instructions, if any.
5. If handle is required with a single member, please specify "with handle" at time of order.

HOW TO PRICE

1. Select desired size and class of fit.
2. For Chrome, add 30%.

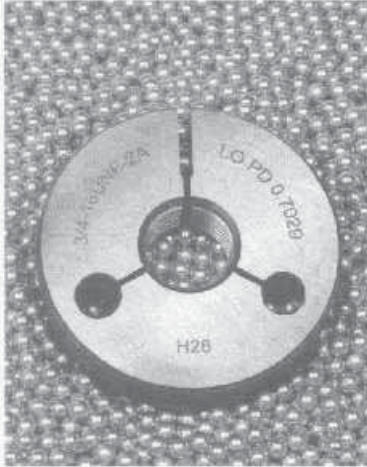
REVERSIBLE STYLE WORK PLUG GAGES

Product Group #19-00W REV

Nominal Size			No Go			Double End w/Handle		Handle Only	
			Go Member Item No.	Class 2B Item No.	Price	Class 2B Item No.	Price	Size	Price
0	80	UNF	M100100	M110100	\$56.65	M100111	\$127.09	1W	\$15.23
1	64	UNC	M100200	M110200	56.65	M100211	127.09	1W	15.23
1	72	UNF	M100300	M110300	56.65	M100311	127.09	1W	15.23
2	56	UNC	M100400	M110400	56.65	M100411	127.09	2W	15.23
2	64	UNF	M100500	M110500	56.65	M100511	127.09	2W	15.23
3	48	UNC	M100600	M110600	53.59	M100611	120.96	2W	15.23
3	56	UNF	M100700	M110700	53.59	M100711	120.96	2W	15.23
4	40	UNC	M100900	M110900	53.59	M100911	120.96	2W	15.23
4	48	UNF	M101000	M111000	53.59	M101011	120.96	2W	15.23
5	40	UNC	M101100	M111100	47.47	M101111	108.71	2W	15.23
5	44	UNF	M101200	M111200	47.47	M101211	108.71	2W	15.23
6	32	UNC	M101300	M111300	47.47	M101311	108.71	2W	15.23
6	40	UNF	M101400	M111400	47.47	M101411	108.71	2W	15.23
8	32	UNC	M101500	M111500	47.47	M101511	108.71	2W	15.23
8	36	UNF	M101600	M111600	47.47	M101611	108.71	2W	15.23
10	24	UNC	M101700	M111700	47.47	M101711	110.24	3W	16.92
10	32	UNF	M101800	M111800	47.47	M101811	110.24	3W	16.92
12	24	UNC	M101900	M111900	47.47	M101911	110.24	3W	16.92
12	28	UNF	M102000	M112000	47.47	M102011	110.24	3W	16.92
12	32	UNEF	M102100	M112100	70.43	M102111	156.18	3W	16.92
1/4	20	UNC	M102200	M112200	42.87	M102211	101.06	3W	16.92
1/4	28	UNF	M102300	M112300	42.87	M102311	101.06	3W	16.92
1/4	32	UNEF	M102400	M112400	64.31	M102411	143.93	3W	16.92
5/16	18	UNC	M102500	M112500	42.87	M102511	102.59	4W	18.62
5/16	24	UNF	M102600	M112600	42.87	M102611	102.59	4W	18.62
5/16	32	UNEF	M102700	M112700	64.31	M102711	145.46	4W	18.62
3/8	8	UNC	M102800	M112800	47.47	M102811	111.78	4W	18.62
3/8	24	UNF	M102900	M112900	47.47	M102911	111.78	4W	18.62
3/8	32	UNEF	M103000	M113000	70.43	M103011	157.71	4W	18.62
7/16	14	UNC	M103100	M113100	47.47	M103111	113.31	5W	20.30
7/16	20	UNF	M103200	M113200	47.47	M103211	113.31	5W	20.30
7/16	28	UNEF	M103300	M113300	70.43	M103311	159.24	5W	20.30
1/2	13	UNC	M103400	M113400	47.47	M103411	113.31	5W	20.30
1/2	20	UNF	M103500	M113500	47.47	M103511	113.31	5W	20.30
1/2	28	UNEF	M103600	M113600	70.43	M103611	159.24	5W	20.30
9/16	12	UNC	M103700	M113700	47.47	M103711	114.84	6W	22.00
9/16	18	UNF	M103800	M113800	47.47	M103811	114.84	6W	22.00
9/16	24	UNEF	M103900	M113900	70.43	M103911	160.77	6W	22.00
5/8	11	UNC	M104000	M114000	47.47	M104011	114.84	6W	22.00
5/8	18	UNF	M104100	M114100	47.47	M104111	114.84	6W	22.00
5/8	24	UNEF	M104200	M114200	71.96	M104211	145.46	6W	22.00
11/16	24	UNEF	M104300	M114300	73.50	M104311	171.49	7W	27.07
3/4	10	UNC	M104400	M114400	61.25	M104411	146.99	7W	27.07
3/4	16	UNF	M104500	M114500	61.25	M104511	146.99	7W	27.07
3/4	20	UNEF	M104600	M114600	94.93	M104611	214.36	7W	27.07



THREAD RING GAGES



- Manufactured from selected graphite steels to American Gage Design (AGD Style).
- Machined and accurately lapped for an exacting thread size.
- Meticulously inspected in every element.
- Best if purchased with and mated to a setting plug gage at the time of order.
- No Go rings are furnished with an identifying groove around the rim of the gage.
- Optional Thread Ring Gage Holders available, optional.
- Class 2 and Class 3 available on request.

HOW TO ORDER

1. Specify nominal diameter, pitch and class of fit 2A, 3A, or Basic.
2. Setting Plugs should be ordered at the same time as the corresponding ring gages.
3. Request Ring Gages be set with new Set Plug before shipping.
4. Left hand available, price on application.
5. Larger sizes available, price on application.
6. Specials available, price on application.
7. Chrome available on rings, add 50%.

RING GAGES

Product Group #19-00R

Nominal Size	Go Ring Gage			No Go Ring Gage			Holder Only	
	Class 2A Item No.	Class 3A/Basic Item No.	Price	Class 2A Item No.	Class 3A Item No.	Price	No.	Price
0 80 UNF	M240100	M250100	\$186.80	M260100	M270100	\$186.80	1	\$23.69
1 64 UNC	M240200	M250200	168.43	M260200	M270200	168.43	1	23.69
1 72 UNF	M240300	M250300	168.43	M260300	M270300	168.43	1	23.69
2 56 UNC	M240400	M250400	139.34	M260400	M270400	139.34	1	23.69
2 64 UNF	M240500	M250500	139.34	M260500	M270500	139.34	1	23.69
3 48 UNC	M240600	M250600	139.34	M260600	M270600	139.34	1	23.69
3 56 UNF	M240700	M250700	139.34	M260700	M270700	139.34	1	23.69
4 40 UNC	M240900	M250900	127.09	M260900	M270900	127.09	1	23.69
4 48 UNF	M241000	M251000	127.09	M261000	M271000	127.09	1	23.69
5 40 UNC	M241100	M251100	108.71	M261100	M271100	108.71	1	23.69
5 44 UNF	M241200	M251200	108.71	M261200	M271200	108.71	1	23.69
6 32 UNC	M241300	M251300	110.24	M261300	M271300	110.24	1	23.69
6 40 UNF	M241400	M251400	110.24	M261400	M271400	110.24	1	23.69
8 32 UNC	M241500	M251500	116.37	M261500	M271500	116.37	1	23.69
8 36 UNF	M241600	M251600	116.37	M261600	M271600	116.37	1	23.69
10 24 UNC	M241700	M251700	116.37	M261700	M271700	116.37	1	23.69
10 32 UNF	M241800	M251800	116.37	M261800	M271800	116.37	1	23.69
12 24 UNC	M241900	M251900	116.37	M261900	M271900	116.37	1	23.69
12 28 UNF	M242000	M252000	116.37	M262000	M272000	116.37	1	23.69
12 32 UNEF	M242100	M252100	153.12	M262100	M272100	153.12	1	23.69
1/4 20 UNC	M242200	M252200	102.59	M262200	M272200	102.59	2	27.08
1/4 28 UNF	M242300	M252300	102.59	M262300	M272300	102.59	2	27.08
1/4 32 UNEF	M242400	M252400	136.27	M262400	M272400	136.27	2	27.08
5/16 18 UNC	M242500	M252500	102.59	M262500	M272500	102.59	2	27.08
5/16 24 UNF	M242600	M252600	102.59	M262600	M272600	102.59	2	27.08
5/16 32 UNEF	M242700	M252700	136.27	M262700	M272700	136.27	2	27.08
3/8 16 UNC	M242800	M252800	108.71	M262800	M272800	108.71	3	30.46
3/8 24 UNF	M242900	M252900	108.71	M262900	M272900	108.71	3	30.46
3/8 32 UNEF	M243000	M253000	140.87	M263000	M273000	140.87	3	30.46
7/16 14 UNC	M243100	M253100	108.71	M263100	M273100	108.71	3	30.46
7/16 20 UNF	M243200	M253200	108.71	M263200	M273200	108.71	3	30.46
7/16 28 UNEF	M243300	M253300	140.87	M263300	M273300	140.87	3	30.46
1/2 13 UNC	M243400	M253400	120.96	M263400	M273400	120.96	3	30.46
1/2 20 UNF	M243500	M253500	120.96	M263500	M273500	120.96	3	30.46
1/2 28 UNEF	M243600	M253600	154.65	M263600	M273600	154.65	3	30.46
9/16 12 UNC	M243700	M253700	136.27	M263700	M273700	136.27	4	37.23
9/16 18 UNF	M243800	M253800	136.27	M263800	M273800	136.27	4	37.23
9/16 24 UNEF	M243900	M253900	163.84	M263900	M273900	163.84	4	37.23



RING GAGES (continued)

Product Group #19-00R

Nominal Size	Go Ring Gage			No Go Ring Gage			Holder Only	
	Class 2A Item No.	Class 3A/Basic Item No.	Price	Class 2A Item No.	Class 3A Item No.	Price	No.	Price
5/8 11 UNC	M244000	M254000	\$136.27	M264000	M274000	\$136.27	4	\$37.23
5/8 18 UNF	M244100	M254100	136.27	M264100	M274100	136.27	4	37.23
5/8 24 UNEF	M244200	M254200	165.37	M264200	M274200	165.37	4	37.23
11/16 24 UNEF	M244300	M254300	166.90	M264300	M274300	166.90	4	37.23
3/4 10 UNC	M244400	M254400	177.62	M264400	M274400	177.62	4	37.23
3/4 16 UNF	M244500	M254500	177.62	M264500	M274500	177.62	4	37.23
3/4 20 UNEF	M244600	M254600	200.58	M264600	M274600	200.58	4	37.23
13/16 20 UNEF	M244700	M254700	203.65	M264700	M274700	203.65	4	37.23
7/8 9 UNC	M244800	M254800	199.05	M264800	M274800	199.05	5	47.38
7/8 14 UNF	M244900	M254900	199.05	M264900	M274900	199.05	5	47.38
7/8 20 UNEF	M245000	M255000	214.36	M265000	M275000	214.36	5	47.38
15/16 20 UNEF	M245100	M255100	220.49	M265100	M275100	220.49	5	47.38
1 8 UNC	M245200	M255200	237.33	M265200	M275200	237.33	5	47.38
1 12 UNF	M245300	M255300	237.33	M265300	M275300	237.33	5	47.38
1 14 UNS	M245400	M255400	237.33	M265400	M275400	237.33	5	47.38
1 20 UNEF	M245500	M255500	251.11	M265500	M275500	251.11	5	47.38
1-1/16 18 UNEF	M245600	M255600	258.77	M265600	M275600	258.77	5	47.38
1-1/8 8 UNC	M245700	M255700	258.77	M265700	M275700	258.77	5	47.38
1-1/8 12 UNF	M245800	M255800	258.77	M265800	M275800	258.77	5	47.38
1-1/8 18 UNEF	M245900	M255900	275.61	M265900	M275900	275.61	5	47.38
1-3/16 18 UNEF	M246000	M256000	284.80	M266000	M276000	284.80	5	47.38
1-1/4 7 UNC	M246100	M256100	286.33	M266100	M276100	286.33	6	57.53
1-1/4 12 UNF	M246200	M256200	286.33	M266200	M276200	286.33	6	57.53
1-1/4 18 UNEF	M246300	M256300	298.58	M266300	M276300	298.58	6	57.53
1-5/16 18 UNEF	M246400	M256400	307.77	M266400	M276400	307.77	6	57.53
1-3/8 6 UNC	M246500	M256500	316.95	M266500	M276500	316.95	6	57.53
1-3/8 12 UNF	M246600	M256600	316.95	M266600	M276600	316.95	6	57.53
1-3/8 18 UNEF	M246700	M256700	335.33	M266700	M276700	335.33	6	57.53
1-7/16 18 UNEF	M246800	M256800	339.92	M266800	M276800	339.92	6	57.53
1-1/2 6 UNC	M246900	M256900	352.17	M266900	M276900	352.17	6	57.53
1-1/2 12 UNF	M247000	M257000	352.17	M267000	M277000	352.17	6	57.53
1-1/2 18 UNEF	M247100	M257100	365.95	M267100	M277100	365.95	6	57.53



TRUNCATED THREAD SETTING PLUGS

- Truncated type thread setting plugs have a full form threaded portion and a truncated portion.
- The full form portion checks the pitch diameter and major diameter clearance.
- The Truncated portion checks pitch diameter and flank angle wear.
- Made from selected steels, ground and accurately lapped.
- Meticulously inspected in every thread element.
- Standard thread setting plugs are Class X tolerance on pitch diameter, while holding "W" tolerance on lead and angles.
- For Class "W" tolerance on pitch diameter, add 25%.

HOW TO ORDER

1. Specify Quantity.
2. Specify nominal size, pitch and class of fit 2A or 3A.
3. Handles are not included with single members. If handles are required for Go or No Go members, specify "with handles" at time of order.
4. Setting Plugs should be ordered at the same time as the corresponding ring gages.
5. Request Ring Gages be set with new Set Plug before shipping.
6. For Class "W" tolerance, add 25%.
7. Left hand available, price on application.
5. Specials available, price on application.

TRUNCATED SETTING PLUGS Product Group #19-00S

Nominal Size	Go Member			No Go Member		Go-NoGo w/handle			Handle	
	Class 2A Item No.	Class 3A/Basic Item No.	Class 2A Item No.	Class 3A Item No.	Price	Class 2A Item No.	Class 3A Item No.	Price	No.	Price
0 80 UNF	M300100	M310100	M320100	M330100	\$105.65	M300132	M310133	\$223.55	000	\$13.54
1 64 UNC	M300200	M310200	M320200	M330200	105.65	M300232	M310233	223.55	000	13.54
1 72 UNF	M300300	M310300	M320300	M330300	105.65	M300332	M310333	223.55	000	13.54
2 56 UNC	M300400	M310400	M320400	M330400	105.65	M300432	M310433	223.55	000	13.54
2 64 UNF	M300500	M310500	M320500	M330500	105.65	M300532	M310533	223.55	000	13.54
3 48 UNC	M300600	M310600	M320600	M330600	97.99	M300632	M310633	223.55	000	13.54
3 56 UNF	M300700	M310700	M320700	M330700	97.99	M300732	M310733	208.24	000	13.54
4 40 UNC	M300900	M310900	M320900	M330900	97.99	M300932	M310933	208.24	00	13.54
4 48 UNF	M301000	M311000	M321000	M331000	97.99	M301032	M311033	208.24	00	13.54
5 40 UNC	M301100	M311100	M321100	M331100	91.87	M301132	M311133	195.99	00	13.54
5 44 UNF	M301200	M311200	M321200	M331200	91.87	M301232	M311233	195.99	00	13.54
6 32 UNC	M301300	M311300	M321300	M331300	91.87	M301332	M311333	195.99	00	13.54
6 40 UNF	M301400	M311400	M321400	M331400	91.87	M301432	M311433	195.99	00	13.54
8 32 UNC	M301500	M311500	M321500	M331500	91.87	M301532	M311533	195.99	0	13.54
8 36 UNF	M301600	M311600	M321600	M331600	91.87	M301632	M311633	195.99	0	13.54
10 24 UNC	M301700	M311700	M321700	M331700	91.87	M301732	M311733	195.99	0	13.54
10 32 UNF	M301800	M311800	M321800	M331800	91.87	M301832	M311833	195.99	0	13.54
12 24 UNC	M301900	M311900	M321900	M331900	97.99	M301932	M311933	208.24	0	13.54
12 28 UNF	M302000	M312000	M322000	M332000	97.99	M302032	M312033	208.24	0	13.54
12 32 UNEF	M302100	M312100	M322100	M332100	117.90	M302132	M312133	248.05	0	13.54
1/4 20 UNC	M302200	M312200	M322200	M332200	84.21	M302232	M312233	180.68	1	13.54
1/4 28 UNF	M302300	M312300	M322300	M332300	84.21	M302332	M312333	180.68	1	13.54
1/4 32 UNEF	M302400	M312400	M322400	M332400	120.96	M302432	M312433	254.17	1	13.54
5/16 18 UNC	M302500	M312500	M322500	M332500	84.21	M302532	M312533	180.68	1	13.54
5/16 24 UNF	M302600	M312600	M322600	M332600	84.21	M302632	M312633	180.68	1	13.54
5/16 32 UNEF	M302700	M312700	M322700	M332700	120.96	M302732	M312733	254.17	1	13.54
3/8 16 UNC	M302800	M312800	M322800	M332800	87.28	M302832	M312833	186.80	2	13.54
3/8 24 UNF	M302900	M312900	M322900	M332900	87.28	M302932	M312933	186.80	2	13.54
3/8 32 UNEF	M303000	M313000	M323000	M333000	140.87	M303032	M313033	293.98	2	13.54
7/16 14 UNC	M303100	M313100	M323100	M333100	93.40	M303132	M313133	199.05	2	13.54
7/16 20 UNF	M303200	M313200	M323200	M333200	93.40	M303232	M313233	199.05	2	13.54
7/16 28 UNEF	M303300	M313300	M323300	M333300	140.87	M303332	M313333	293.98	2	13.54

continued on the next page



TRUNCATED THREAD SETTING PLUGS

TRUNCATED SETTING PLUGS (continued)

Product Group #19-00S

Nominal Size	Go Member					No Go Member			Go-NoGo w/handle			Handle	
	Class 2A Item No.	Class 3A/Basic Item No.	Class 2A Item No.	Class 3A Item No.	Price	Class 2A Item No.	Class 3A Item No.	Price	Class 2A Item No.	Class 3A Item No.	Price	No.	Price
1/2	13	UNC	M303400	M313400	M323400	M333400	\$94.93	M303432	M313433	\$202.11	2	\$13.54	
1/2	20	UNF	M303500	M313500	M323500	M333500	94.93	M303532	M313533	202.11	2	13.54	
1/2	28	UNEF	M303600	M313600	M323600	M333600	156.18	M303632	M313633	324.61	2	13.54	
9/16	12	UNC	M303700	M313700	M323700	M333700	108.71	M303732	M313733	229.68	3	13.54	
9/16	18	UNF	M303800	M313800	M323800	M333800	108.71	M303832	M313833	229.68	3	13.54	
9/16	24	UNEF	M303900	M313900	M323900	M333900	166.90	M303932	M313933	346.04	3	13.54	
5/8	11	UNC	M304000	M314000	M324000	M334000	113.31	M304032	M314033	238.86	3	13.54	
5/8	18	UNF	M304100	M314100	M324100	M334100	113.31	M304132	M314133	238.86	3	13.54	
5/8	24	UNEF	M304200	M314200	M324200	M334200	168.43	M304232	M314233	349.11	3	13.54	
11/16	24	UNEF	M304300	M314300	M324300	M334300	183.74	M304332	M314333	379.73	3	13.54	
3/4	10	UNC	M304400	M314400	M324400	M334400	131.68	M304432	M314433	275.61	3	13.54	
3/4	16	UNF	M304500	M314500	M324500	M334500	131.68	M304532	M314533	275.61	3	13.54	
3/4	20	UNEF	M304600	M314600	M324600	M334600	177.62	M304632	M314633	367.48	3	13.54	
13/16	20	UNEF	M304700	M314700	M324700	M334700	188.33	M304732	M314733	388.92	3	13.54	
7/8	8	UNC	M304800	M314800	M324800	M334800	154.65	M304832	M314833	321.55	4	13.54	
7/8	14	UNF	M304900	M314900	M324900	M334900	154.65	M304932	M314933	321.55	4	13.54	
7/8	20	UNEF	M305000	M315000	M325000	M335000	192.93	M305032	M315033	398.10	4	13.54	
15/16	20	UNEF	M305100	M315100	M325100	M335100	195.99	M305132	M315133	404.23	4	13.54	
1	8	UNC	M305200	M315200	M325200	M335200	177.62	M305232	M315233	367.48	4	13.54	
1	12	UNF	M305300	M315300	M325300	M335300	177.62	M305332	M315333	367.48	4	13.54	
1	14	UNS	M305400	M315400	M325400	M335400	177.62	M305432	M315433	367.48	4	13.54	
1	20	UNEF	M305500	M315500	M325500	M335500	209.77	M305532	M315533	431.79	4	13.54	
1-1/16	18	UNEF	M305600	M315600	M325600	M335600	208.24	M305632	M315633	428.73	4	13.54	
1-1/8	7	UNC	M305700	M315700	M325700	M335700	208.24	M305732	M315733	428.73	4	13.54	
1-1/8	12	UNF	M305800	M315800	M325800	M335800	208.24	M305832	M315833	428.73	4	13.54	
1-1/8	18	UNEF	M305900	M315900	M325900	M335900	218.96	M305932	M315933	450.16	4	13.54	
1-3/16	18	UNEF	M306000	M316000	M326000	M336000	218.96	M306032	M316033	451.70	5	15.23	
1-1/4	7	UNC	M306100	M316100	M326100	M336100	226.61	M306132	M316133	467.01	5	15.23	
1-1/4	12	UNF	M306200	M316200	M326200	M336200	226.61	M306232	M316233	467.01	5	15.23	
1-1/4	18	UNEF	M306300	M316300	M326300	M336300	255.71	M306332	M316333	525.19	5	15.23	
1-5/16	18	UNEF	M306400	M316400	M326400	M336400	260.30	M306432	M316433	534.38	5	15.23	
1-3/8	6	UNC	M306500	M316500	M326500	M336500	261.83	M306532	M316533	537.44	5	15.23	
1-3/8	12	UNF	M306600	M316600	M326600	M336600	261.83	M306632	M316633	537.44	5	15.23	
1-3/8	18	UNEF	M306700	M316700	M326700	M336700	269.49	M306732	M316733	552.75	5	15.23	
1-7/16	18	UNEF	M306800	M316800	M326800	M336800	277.14	M306832	M316833	568.06	5	15.23	
1-1/2	6	UNC	M306900	M316900	M326900	M336900	280.20	M306932	M316933	574.19	5	15.23	
1-1/2	12	UNF	M307000	M317000	M327000	M337000	280.20	M307032	M317033	574.19	5	15.23	
1-1/2	18	UNEF	M307100	M317100	M327100	M337100	289.39	M307132	M317133	592.56	5	15.23	

The shanks on the gaging members are tapered to fit corresponding tapered holes in the handle.
Worn members may be removed and the handle salvaged for use with new members.
Member sizes 0-6 have a male point in addition to the lengths shown.



METRIC STEEL TAPERLOCK THREAD PLUG GAGES

- Standard in 6H tolerance.
- For Taperlocks with chrome, add 30%.
- Left hand available, price on application
- Larger sizes available, price on application.

HOW TO ORDER

1. Specify quantity.
2. Specify nominal diameter and threads per inch.
3. Specify special markings instructions, if any.

HOW TO PRICE

1. Select desired size

METRIC STEEL TAPERLOCK THREAD PLUG GAGES Product Group #19-00MT

Metric Size & Pitch	Go Member		No Go Member		Double End w/Handle		Handle Only	
	Item No.	Item No.	Item No.	Price	Item No.	Price	Size	Price
M1.6 X 0.35	M20100901	M20100913		\$56.65	M20100963	\$125.56	000	\$13.54
M1.8 X 0.35	M20101101	M20101113		56.65	M20101163	125.56	000	13.54
M2.0 X 0.40	M20101301	M20101313		56.65	M20101363	125.56	000	13.54
M2.2 X 0.45	M20101501	M20101513		56.65	M20101563	125.56	000	13.54
M2.5 X 0.45	M227200	M237200		52.06	M227223	116.37	000	13.54
M3.0 X 0.50	M227300	M237300		52.06	M227323	116.37	00	13.54
M3.5 X 0.60	M227400	M237400		45.94	M227423	104.12	00	13.54
M4.0 X 0.70	M227500	M237500		45.94	M227523	104.12	0	13.54
M4.5 X 0.75	M20102501	M20102513		47.47	M20102563	107.18	0	13.54
M5.0 X 0.80	M227600	M237600		45.94	M227623	104.12	0	13.54
M6.0 X 1.00	M227700	M237700		38.28	M227723	88.81	1	13.54
M7.0 X 1.00	M20103201	M20103213		39.81	M20103263	91.87	1	13.54
M8.0 X 1.00	M20103501	M20103513		36.75	M20103563	85.75	1	13.54
M8.0 X 1.25	M227800	M237800		36.75	M227823	85.75	1	13.54
M10.0 X 1.50	M228000	M238000		39.81	M228023	91.87	2	13.54
M10.0 X 1.25	M228100	M238100		39.81	M228123	91.87	2	13.54
M12.0 X 1.75	M228300	M238300		42.87	M228323	97.99	2	13.54
M12.0 X 12.00	M228400	M238400		42.87	M228423	97.99	2	13.54
M12.0 X 1.25	M228500	M238500		42.87	M228523	97.99	2	13.54
M14.0 X 2.00	M228700	M238700		49.00	M228723	110.24	3	13.54
M14.0 X 1.50	M228800	M238800		49.00	M228823	110.24	3	13.54
M16.0 X 2.00	M229000	M239000		49.00	M229023	110.24	3	13.54
M16.0 X 1.50	M229100	M239100		49.00	M229123	110.24	3	13.54
M17.0 X 1.00	M229200	M239200		52.06	M229223	116.37	3	13.54
M18.0 X 2.50	M20106201	M20106213		55.12	M20106263	122.49	3	13.54
M18.0 X 1.50	M229300	M239300		52.06	M229323	122.49	3	13.54
M20.0 X 2.50	M229400	M239400		62.78	M229423	122.49	3	13.54
M20.0 X 1.50	M229500	M239500		62.78	M229523	122.49	3	13.54
M22.0 X 2.50	M20107001	M20107013		62.78	M20107063	156.18	4	13.54
M22.0 X 1.50	M20107201	M20107213		62.78	M20107263	122.49	4	13.54
M24.0 X 3.00	M20107401	M20107413		71.96	M20107463	156.18	4	13.54
M24.0 X 2.00	M20107501	M20107513		71.96	M20107563	156.18	4	13.54
M27.0 X 3.00	M20108201	M20108213		97.99	M20108263	208.24	4	13.54
M27.0 X 2.00	M20108301	M20108313		97.99	M20108363	208.24	4	13.54
M30.0 X 3.50	M20108901	M20108913		117.90	M20108963	249.58	5	15.23
M30.0 X 2.00	M20109101	M20109113		117.90	M20109163	249.58	5	15.23
M33.0 X 3.50	M20109601	M20109613		117.90	M20109663	249.58	5	15.23
M33.0 X 2.00	M20109801	M20109813		117.90	M20109863	249.58	5	15.23
M36.0 X 4.00	M20110101	M20110113		136.27	M20110163	286.33	5	15.23
M36.0 X 3.00	M20110201	M20110213		136.27	M20110263	286.33	5	15.23



REVERSIBLE METRIC STEEL THREAD PLUGS

- Standard in 6H tolerance.
- For chrome, add 30%.
- Left hand available, price on application
- Larger sizes available, price on application.

HOW TO ORDER

1. Specify quantity.
2. Specify nominal diameter and threads per inch.
3. Specify special markings instructions, if any.

HOW TO PRICE

1. Select desired size

REVERSIBLE METRIC THREAD PLUGS				Product Group #19-00H			
Metric Size & Pitch Coarse	Go Member Item No.	No Go Member Item No.	Price	Double End w/Handle Item No.	Price	Handle Only No.	Price
M2.5 X 0.45	M207200	M217200	\$70.43	M207221	\$154.65	2W	\$15.23
M3.0 X 0.50	M207300	M217300	65.84	M207321	145.46	2W	15.23
M3.5 X 0.60	M207400	M217400	55.12	M207421	124.02	2W	15.23
M4.0 X 0.70	M207500	M217500	55.12	M207521	124.02	2W	15.23
M5.0 X 0.80	M207600	M217600	55.12	M207621	125.56	3W	16.92
M6.0 X 1.00	M207700	M217700	45.94	M207721	107.18	3W	16.92
M8.0 X 1.25	M207800	M217800	45.94	M207821	108.71	4W	18.62
M8.0 X 1.60	M207900	M217900	45.94	M207921	108.71	4W	18.62
M10.0 X 1.50	M208000	M218000	52.06	M208021	120.96	4W	18.62
M10.0 X 1.25	M208100	M218100	52.06	M208121	120.96	4W	18.62
M12.0 X 1.75	M208300	M218300	52.06	M208321	122.49	5W	20.30
M12.0 X 1.25	M208500	M218500	52.06	M208521	122.49	5W	20.30
M14.0 X 2.00	M208700	M218700	61.25	M208721	142.40	6W	22.00
M14.0 X 1.50	M208800	M218800	61.25	M208821	142.40	6W	22.00
M16.0 X 2.00	M209000	M219000	61.25	M209021	142.40	6W	22.00
M16.0 X 1.50	M209100	M219100	61.25	M209121	142.40	6W	22.00
M18.0 X 1.50	M209300	M219300	70.43	M209321	165.37	7W	27.07

METRIC - INCH PITCH EQUIVALENTS

Pitch mm	Pitch in Inches	Threads Per Inch	Pitch mm	Pitch in Inches	Threads Per Inch
0.35	.01378	72.57	1.25	.04921	20.32
0.40	.01575	63.50	1.50	.05906	16.93
0.45	.01772	56.44	1.75	.06890	14.51
0.50	.01969	50.80	2.00	.07874	12.70
0.60	.02362	42.33	2.50	.09843	10.16
0.70	.02756	36.29	3.00	.11811	8.46
0.75	.02953	33.87	4.00	.15748	6.35
0.80	.03150	31.75	4.50	.17717	5.64
0.90	.03543	28.22	5.00	.19685	5.08
1.00	.03937	25.40	6.00	.23622	4.23



METRIC THREAD RING GAGES

- Standard in 6g Tolerance.
- Manufactured from selected steels to American Gage Design (AGD Style).
- Machined and accurately lapped for an exacting thread size.
- Meticulously inspected in every element.
- Best if purchased with and mated to a setting plug gage at the time of order.
- No Go rings are furnished with an identifying groove around the rim of the gage.
- Optional Thread Ring Gage Holders available, optional.
- Chrome Plate Rings, add 50%.
- Left hand available, price on application.
- Larger sizes available, price on application

HOW TO ORDER

1. Standard in 6g tolerance.
2. Setting Plugs should be ordered at the same time as the corresponding ring gages.
3. Ring Gages will be set with new Set Plug before shipping.
4. Chrome available on rings, add 50%.
5. Left hand available, price on application.
6. Larger sizes available, price on application.
7. Specials available, price on application.

METRIC THREAD RINGS Product Group #19-00MR

Nominal Size Pitch mm	Go Ring Item No.	No Go Ring Item No.	Price	Go-No Go w/o holder Item No.	Price	Holder Size	Price
M1.6 X 0.35	M27100901	M27100913	\$188.33	M27100963	\$376.67	1	\$23.69
M1.8 X 0.35	M27101101	M27101113	188.33	M27101163	376.67	1	23.69
M2.0 X 0.40	M27101301	M27101313	169.96	M27101363	339.92	1	23.69
M2.2 X 0.45	M27101501	M27101513	169.96	M27101563	339.92	1	23.69
M2.5 X 0.45	M367200	M377200	169.96	M367237	339.92	1	23.69
M3.0 X 0.50	M367300	M377300	146.99	M367337	293.98	1	23.69
M3.5 X 0.60	M367400	M377400	146.99	M367437	293.98	1	23.69
M4.0 X 0.70	M367500	M377500	136.27	M27102563	272.55	1	23.69
M4.5 X 0.75	M27102501	M27102513	136.27	M367537	272.55	1	23.69
M5.0 X 0.80	M367600	M377600	136.27	M367637	272.55	1	23.69
M6.0 X 1.00	M367700	M377700	125.56	M367737	251.11	2	27.07
M7.0 X 1.00	M27103201	M27103213	125.56	M27103263	251.11	2	27.07
M8.0 X 1.25	M367800	M377800	125.56	M367837	251.11	2	27.07
M8.0 X 1.00	M367900	M377900	125.56	M367937	251.11	2	27.07
M10.0 X 1.50	M368000	M378000	136.27	M368037	272.55	3	30.45
M10.0 X 1.25	M368100	M378100	136.27	M368137	272.55	3	30.45
M12.0 X 1.75	M368300	M378300	145.46	M368337	290.92	3	30.45
M12.0 X 1.50	M368400	M378400	145.46	M368437	290.92	3	30.45
M12.0 X 1.25	M368500	M378500	162.30	M368537	290.92	3	30.45
M14.0 X 2.00	M368700	M378700	162.30	M368737	324.61	4	37.22
M14.0 X 1.50	M368800	M378800	162.30	M368837	324.61	4	37.22
M16.0 X 2.00	M369000	M379000	162.30	M369037	324.61	4	37.22
M16.0 X 1.50	M369100	M379100	162.30	M369137	324.61	4	37.22
M17.0 X 1.00	M369200	M379200	217.43	M369237	434.85	4	37.22
M18.0 X 2.50	M27106201	M27106213	217.43	M27106263	434.85	4	37.22
M18.0 X 1.50	M369300	M379300	217.43	M369337	434.85	4	37.22
M20.0 X 2.50	M369400	M379400	269.49	M369437	538.97	4	37.22
M20.0 X 1.50	M369500	M379500	269.49	M369537	538.97	4	37.22
M22.0 X 2.50	M27107001	M27107013	275.61	M27107063	551.22	5	47.37
M22.0 X 1.50	M27107201	M27107213	275.61	M27107263	551.22	5	47.37
M24.0 X 3.00	M27107401	M27107413	316.95	M27107463	633.90	5	47.37
M24.0 X 2.00	M27107501	M27107513	316.95	M27107563	633.90	5	47.37
M27.0 X 3.00	M27108201	M27108213	330.73	M27108263	661.47	5	47.37
M27.0 X 2.00	M27108301	M27108313	330.73	M27108363	661.47	5	47.37
M30.0 X 3.50	M27108901	M27108913	335.33	M27108963	670.65	6	57.53
M30.0 X 2.00	M27109101	M27109113	335.33	M27109163	670.65	6	57.53
M33.0 X 3.50	M27109601	M27109613	370.54	M27109663	741.09	6	57.53
M33.0 X 2.00	M27109801	M27109813	370.54	M27109863	741.09	6	57.53
M36.0 X 4.00	M27110101	M27110113	414.95	M27110163	829.89	6	57.53
M36.0 X 3.00	M27110201	M27110213	414.95	M27110263	829.89	6	57.53

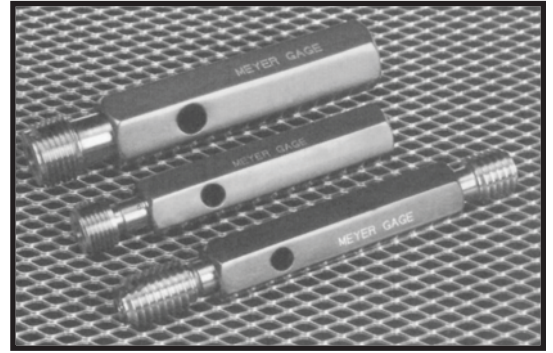


METRIC THREAD SETTING PLUGS

- Standard in 6g Tolerance.
- Left hand available, price on application.
- Larger sizes available, price on application

HOW TO ORDER

1. Standard in 6g Tolerance.
2. Specify Quantity.
3. Handles are not included with single members. If handles are required for Go or No Go members, specify "with handles" at time of order.
4. Setting Plugs should be ordered at the same time as the corresponding ring gages.
5. Request Ring Gages be set with new Set Plug before shipping.
6. For class "W" tolerance, add 25%.
7. Left hand available, price on application.
8. Specials available, price on application.
9. When ordering please use item numbers.



TRUNCATED SETTING PLUGS

Product Group #19-00MS

Metric Size Pitch mm	Go Member Item No.	No Go Member Item No.	Price	Double End w/Handle		Handle Only	
				Item No.	Price	No	Price
M1.6 X 0.35	M23600901	M23600913	\$131.68	M23600963	\$275.61	000	\$13.54
M1.8 X 0.35	M23601101	M23601113	131.68	M23601163	275.61	000	13.54
M2.0 X 0.40	M23601301	M23601313	124.02	M23601363	260.30	000	13.54
M2.2 X 0.45	M23601501	M23601513	124.02	M23601563	260.30	000	13.54
M2.5 X 0.45	M387200	M397200	124.02	M387239	260.30	000	13.54
M3.0 X 0.50	M387300	M397300	120.96	M387339	254.17	00	13.54
M3.5 X 0.60	M387400	M397400	120.96	M387439	254.17	00	13.54
M4.0 X 0.70	M387500	M397500	116.37	M387539	244.99	0	13.54
M4.5 X 0.75	M23602501	M23602513	116.37	M23602563	244.99	0	13.54
M4.5 X 0.75	M387600	M397600	116.37	M387639	244.99	0	13.54
M6.0 X 1.00	M387700	M397700	104.12	M387739	220.49	1	13.54
M7.0 X 1.00	M23603201	M23603213	104.12	M23603263	220.49	1	13.54
M8.0 X 1.25	M387800	M397800	104.12	M387839	220.49	1	13.54
M8.0 X 1.00	M387900	M397900	104.12	M387939	220.49	1	13.54
M10.0 X 1.50	M388000	M398000	111.78	M388039	235.80	2	13.54
M10.0 X 1.25	M388100	M398100	111.78	M388139	235.80	2	13.54
M12.0 X 1.75	M388300	M398300	116.37	M388339	244.99	2	13.54
M12.0 X 1.50	M388400	M398400	116.37	M388439	244.99	2	13.54
M12.0 X 1.25	M388500	M398500	116.37	M388539	244.99	2	13.54
M14.0 X 2.00	M388700	M398700	134.74	M388739	281.74	3	13.54
M14.0 X 1.50	M388800	M398800	134.74	M388839	281.74	3	13.54
M16.0 X 2.00	M389000	M399000	134.74	M389039	281.74	3	13.54
M16.0 X 1.50	M389100	M399100	134.74	M389139	281.74	3	13.54
M17.0 X 1.00	M389200	M399200	150.05	M389239	312.36	3	13.54
M18.0 X 2.50	M23606201	M23606213	150.05	M23606263	312.36	3	13.54
M18.0 X 1.50	M389300	M399300	150.05	M389339	312.36	3	13.54
M20.0 X 2.50	M389400	M399400	150.05	M389439	312.36	3	13.54
M20.0 X 1.50	M389500	M399500	150.05	M389539	312.36	3	13.54
M22.0 X 2.50	M23607001	M23607013	209.77	M23607063	431.79	4	13.54
M22.0 X 1.50	M23607201	M23607213	209.77	M23607263	431.79	4	13.54
M24.0 X 3.00	M23607401	M23607413	212.83	M23607463	437.91	4	13.54
M24.0 X 2.00	M23607501	M23607513	212.83	M23607563	437.91	4	13.54
M27.0 X 3.00	M23608201	M23608213	226.61	M23608263	465.48	4	13.54
M27.0 X 2.00	M23608301	M23608313	226.61	M23608363	465.48	4	13.54
M30.0 X 3.00	M23608901	M23608913	232.74	M23608963	479.26	5	15.23
M30.0 X 2.00	M23609101	M23609113	232.74	M23609163	479.26	5	15.23
M33.0 X 3.00	M23609601	M23609613	241.92	M23609663	497.63	5	15.23
M33.0 X 2.00	M23609801	M23609813	241.92	M23609863	497.63	5	15.23
M36.0 X 4.00	M23610101	M23610113	263.36	M23610163	540.50	5	15.23
M36.0 X 3.00	M23610201	M23610213	263.36	M23610263	540.50	5	15.23



TAPER PIPE GAGES — NPT

American National Taper Pipe Thread Gages (NPT) are furnished to thread specifications which are in agreement with the National Institute of Standards and Technology American Gage Design dimensions as shown below.

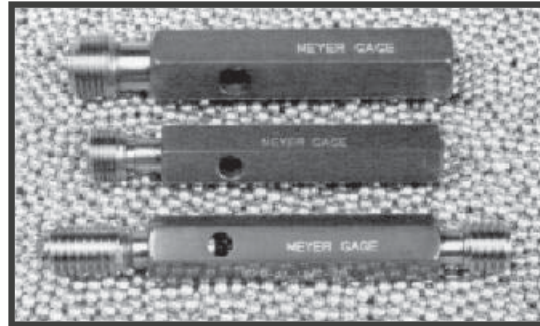
Master and reference gages can be furnished on request.

TAPER PIPE GAGES - NPT

- (NPT) are furnished American National Pipe Thread NPT TAPER PIPE GAGES made to American Gage Dimensions (AGD).
- To thread specifications which are in agreement with National Institute of Standards.
- Larger sizes and ANPT available upon request.

ADDITIONAL PIPE THREAD GAGES

- Straight Pipe: NPSF, NPSL, NPSC, NPSM and other special pipe gages available upon request.



TAPER PIPE GAGES - NPT DIMENSIONS RING DIMENSIONS

Nominal Size	Length	Plug Dimensions			D Taper-Lock Only	No.	Handle H		Ring Dimensions			
		Length Member L ₁ to Notch Tolerance	Minus	Length L ₂ Min.			Length	Hex	Nominal Size	Thickness L ₁ Tolerance	A Outside Dia.	Plug
1/16	27	.1600	.001	.261	1/4	1	2-3/4	3/8	1/16	.1600	.001	1-1/8
1/8	27	.1615	.001	.264	1/4	2	3	1/2	1/8	.1615	.001	1-1/8
1/4	18	.2278	.001	.402	1/4	3	3-1/4	11/16	1/4	.2278	.001	1-3/8
3/8	18	.2400	.001	.408	1/4	3	3-1/4	11/16	3/8	.2400	.001	1-1/2
1/2	14	.3200	.001	.534	5/16	4	3-5/8	7/8	1/2	.3200	.001	1-3/4
3/4	14	.3390	.001	.546	5/16	4	3-5/8	7/8	3/4	.3390	.001	2
1	11-1/2	.4000	.001	.683	3/8	5	4	1	1	.4000	.001	2-1/2
1-1/4	11-1/2	.4200	.001	.707	3/8	5	4	1	1-1/4	.4200	.001	3
1-1/2	11-1/2	.4200	.001	.723	3/8	5	4	1	1-1/2	.4200	.001	3-1/4
2	11-1/2	.4360	.001	.757	3/8	5	4	1	2	.4360	.001	3-3/4
2-1/2	8	.6820	.002	1.138	—	6	5	1-1/8	2-1/2	.6820	.002	4-1/4
3	8	.7660	.002	1.200	—	6	5	1-1/8	3	.7660	.002	5

L₁ SINGLE END PLUG GAGES - NPT #19-00TP L₁ THIN RING GAGES - NPT #19-00TP

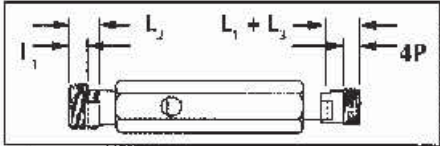
Nominal Size	L ₁ Plug Gage Item No.	Price	L ₁ Plug Gage w/Handle Item No.	Price	Handle No.	Price	Nominal Size	Item No.	Price		
1/16	27	M701140	\$93.40	M7011401	\$105.65	1	\$13.54	1/16	27	M701152	\$173.02
1/8	27	M701141	64.31	M7011411	76.56	2	13.54	1/8	27	M701153	120.96
1/4	18	M701142	73.50	M7011421	85.75	3	13.54	1/4	18	M701154	133.21
3/8	18	M701143	84.21	M7011431	96.46	3	13.54	3/8	18	M701155	153.12
1/2	14	M701144	94.93	M7011441	108.72	4	15.23	1/2	14	M701156	169.96
3/4	14	M701145	107.18	M7011451	120.97	4	15.23	3/4	14	M701157	194.46
1	11-1/2	M701146	120.96	M7011461	134.74	5	15.23	1	11-1/2	M701158	220.49
1-1/4	11-1/2	M701147	133.21	M7011471	147.00	5	15.23	1-1/4	11-1/2	M701159	240.39
1-1/2	11-1/2	M701148	151.59	M7011481	165.37	5	15.23	1-1/2	11-1/2	M701160	286.33
2	11-1/2	M701149	183.74	M7011491	197.53	5	15.23	2	11-1/2	M701161	342.98
2-1/2	8	M701150	220.49	M7011501	243.46	6	25.39	2-1/2	8	M701162	402.70
3	8	M701151	258.77	M7011511	281.74	6	25.39	3	8	M701163	500.69



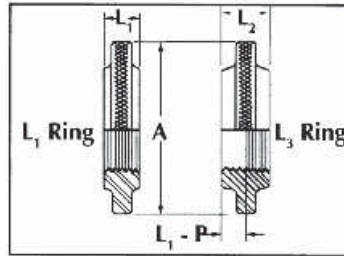
NPTF (Dryseal) Taper Pipe Gages

Dryseal pipe threads are generally used in more critical applications than NPT and, therefore, a greater variety of gages and/or measuring equipment is used to more adequately check size, taper, and thread form.

- L_1 and L_3 plugs supplied with 1 step as standard
- L_1 = Length of engagement in hand tight make up
- L_2 = Length of effective thread (external)
- L_3 = Length of 3 threads beyond L_1 for wrench make up.



• Plug Dimensions



• Ring Dimensions

TAPER PIPE GAGES — NPTF DIMENSIONS

Nominal Size	To Basic Notch	Tol. Minus	Length Member L_1 and L_2		Tol. Minus	Handle No.	Nominal Size	Outside Diameter	Thickness		
			Full Length (Min) L_2	$L_1 + L_2$					L_1 Thin	L_2 Thick	Tol. Plus
1/16	.1600	.001	.26113	.2711	.001	1	1/16	1-1/8	.1600	.26113	.001
1/8	.1615	.001	.26385	.2726	.001	2	1/8	1-1/8	.1615	.26385	.001
1/4	.2278	.001	.40178	.3945	.001	3	1/4	1-3/8	.2278	.40178	.001
3/8	.2400	.001	.40778	.4067	.001	3	3/8	1-1/2	.2400	.40778	.001
1/2	.3200	.001	.53371	.5343	.001	4	1/2	1-3/4	.3200	.53371	.001
3/4	.3390	.001	.54571	.5533	.001	4	3/4	2	.3390	.54571	.001
1	.4000	.001	.68278	.6609	.001	5	1	2-1/2	.4000	.68278	.001
1-1/4	.4200	.001	.70678	.6809	.001	5	1-1/4	3	.4200	.70678	.001
1-1/2	.4200	.001	.72348	.6809	.001	5	1-1/2	3-1/4	.4200	.72348	.001
2	.4360	.001	.75652	.6969	.001	5	2	3-3/4	.4360	.75652	.001
2-1/2	.6820	.002	1.13750	1.0570	.002	6	2-1/2	4-1/4	.6820	1.13750	.002
3	.7660	.002	1.20000	1.1410	.002	6	3	5	.7660	1.20000	.002

TAPER PIPE GAGES — NPTF

Product Group #19-00TPF

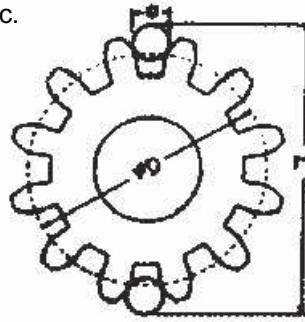
Nominal Size	L_1 Ring Gage Member Only		L_2 Ring Gage Member Only		NPTF 6 Step Plug Gage Member Only		NPTF 6 Step Plug Gage w/Handle		NPTF 6 Step Ring Gage		
	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	
1/16	27	M701185	\$182.21	M701192	\$255.71	M701178	\$185.27	M7011781	\$197.52	M701199	\$304.70
1/8	27	M701186	127.09	M701193	246.52	M701179	185.27	M7011791	197.52	M701200	304.70
1/4	18	M701187	151.59	M701194	255.71	M701180	185.27	M7011801	197.52	M701201	304.70
3/8	18	M701188	160.77	M701195	269.49	M701181	185.27	M7011811	197.52	M701202	304.70
1/2	14	M701189	179.15	M701196	280.20	M701182	185.27	M7011821	197.52	M701203	304.70
3/4	14	M701190	203.65	M701197	307.77	M701183	195.99	M7011831	208.24	M701204	341.45
1	11-1/2	M701191	231.21	M701198	335.33	M701184	212.83	M7011841	226.61	M701205	341.45
1-1/4	11-1/2	M31600801	251.11	M31600804	367.48	M31100807	238.86	M31100857	252.64	M31600807	346.04
1-1/2	11-1/2	M31600901	300.11	M31600904	402.70	M31100907	263.36	M31100957	277.14	M31600907	396.57
2	11-1/2	M31601001	358.29	M31601004	470.07	M31101007	367.48	M31101057	381.26	M31601007	482.32
2-1/2	8	M31601101	421.07	M31601104	565.00	M31101107	554.28	M31101157	572.66	M31601107	577.25
3	8	M31601201	525.19	M31601204	663.00	M31101207	604.81	M31101257	623.19	M31601207	693.62

Nominal Size	L_1 Plug Gage Member Only		L_1 Plug Gage w/Handle		L_3 Plug Gage Member Only		L_3 Plug Gage w/Handle		L_1 & L_3 Double End w/Handle		
	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price	
1/16	27	M701164	\$124.02	M7011641	\$136.27	M701171	\$124.02	M7011711	\$136.27	M37401	\$260.30
1/8	27	M701165	87.28	M7011651	99.53	M701172	87.28	M7011721	99.53	M37403	186.80
1/4	18	M701166	104.12	M7011661	116.37	M701173	104.12	M7011731	116.37	M37405	220.49
3/8	18	M701167	124.02	M7011671	136.27	M701174	124.02	M7011741	136.27	M37407	260.30
1/2	14	M701168	140.87	M7011681	153.12	M701175	140.87	M7011751	153.12	M37409	293.98
3/4	14	M701169	156.18	M7011691	168.43	M701176	156.18	M7011761	168.43	M37411	324.61
1	11-1/2	M701170	171.49	M7011701	185.27	M701177	171.49	M7011771	185.27	M37413	356.76
1-1/4	11-1/2	M31100801	194.46	M31100851	208.24	M31100804	194.46	M31100854	208.24	M31100863	402.70
1-1/2	11-1/2	M31100901	220.49	M31100951	234.27	M31100904	220.49	M31100954	234.27	M31100963	454.76
2	11-1/2	M31101001	263.36	M31101051	277.14	M31101004	263.36	M31101054	277.14	M31101063	540.50
2-1/2	8	M31101101	349.11	M31101151	367.48	M31101104	349.11	M31101154	367.48	M31101163	716.59
3	8	M31101201	421.07	M31101251	439.45	M31101204	421.07	M31101254	439.45	M31101263	860.52



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%
- For modifications to Gear Wires, prices furnished upon request
- For Carbide Gear Wires, prices furnished upon request
- Metric Module sets available upon request



- 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

P	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	Item No.	P	Item No.	P	Item No.	P	Item No.	
2	0.96000	M706030	0.86400	M703030	0.84000	M704030	0.72000	M707030	\$110.24
2-1/2	0.76800	M706029	0.69120	M703029	0.67200	M704029	0.57600	M707029	110.24
3	0.64000	M706028	0.57600	M703028	0.56000	M704028	0.48000	M707028	110.24
4	0.48000	M706027	0.43200	M703027	0.42000	M704027	0.36000	M707027	110.24
5	0.38400	M706026	0.34560	M703026	0.33600	M704026	0.28800	M707026	76.56
6	0.32000	M706025	0.28800	M703025	0.28000	M704025	0.24000	M707025	76.56
7	0.27428	M706024	0.24686	M703024	0.24000	M704024	0.20571	M707024	76.56
8	0.24000	M706023	0.21600	M703023	0.21000	M704023	0.18000	M707023	59.72
9	0.21333	M706022	0.19200	M703022	0.18666	M704022	0.16000	M707022	59.72
10	0.19210	M706021	0.17280	M703021	0.16800	M704021	0.14400	M707021	59.72
11	0.17454	M706020	0.15709	M703020	0.15273	M704020	0.13091	M707020	59.72
12	0.16000	M706019	0.14400	M703019	0.14000	M704019	0.12000	M707019	59.72
14	0.13714	M706018	0.12343	M703018	0.12000	M704018	0.10286	M707018	59.72
16	0.12000	M706017	0.10800	M703017	0.10500	M704017	0.09000	M707017	59.72
18	0.10667	M706016	0.09600	M703016	0.09333	M704016	0.08000	M707016	59.72
20	0.09600	M706015	0.08640	M703015	0.08400	M704015	0.07200	M707015	59.72
22	0.08727	M706014	0.07855	M703014	0.07636	M704014	0.06545	M707014	59.72
24	0.08000	M706013	0.07200	M703013	0.07000	M704013	0.06000	M707013	59.72
28	0.06857	M706012	0.06171	M703012	0.06000	M704012	0.05143	M707012	59.72
32	0.06000	M706011	0.05400	M703011	0.05250	M704011	0.04500	M707011	59.72
36	0.05333	M706010	0.04800	M703010	0.04667	M704010	0.04000	M707010	59.72
40	0.04800	M706009	0.04320	M703009	0.04200	M704009	0.03600	M707009	59.72
48	0.04000	M706008	0.03600	M703008	0.03500	M704008	0.03000	M707008	59.72
64	0.03000	M706007	0.02700	M703007	0.02625	M704007	0.02250	M707007	59.72
72	0.02667	M706006	0.02400	M703006	0.02333	M704006	0.02000	M707006	59.72
80	0.02400	M706005	0.02160	M703005	0.02100	M704005	0.01800	M707005	59.72
96	0.02000	M706004	0.01800	M703004	0.01750	M704004	0.01500	M707004	59.72
100	0.01920	M706003	0.01728	M703003	0.01680	M704003	0.01440	M707003	59.72
120	0.01600	M706002	0.01440	M703002	0.01400	M704002	0.01200	M707002	93.40
128	0.01500	M706001	0.01350	M703001	0.01312	M704001	0.01125	M707001	93.40
200	0.00960	M706000	0.00864	M703000	0.00840	M704000	0.00720	M707000	93.40

SPECIAL GEAR MEASURING WIRES ±.000010; FLATTED GEAR WIRES Product Groups #17-10; 17-00

Above - To (In./mm) Price (set of 2 wires)

.004 - .005" / .1016 mm - .1270 mm	\$151.59
.005 - .007" / .1270 mm - .1778 mm	151.59
.007 - .010" / .1778 mm - .2540 mm	117.90
.010 - .135" / .2540 mm - 3.429 mm	117.90
.135 - .260" / 3.429 mm - 6.604 mm	117.90
.260 - .385" / 6.604 mm - 9.779 mm	117.90
.385 - .510" / 9.779 mm - 12.954 mm	117.90
.510 - .635" / 12.954 mm - 16.129 mm	117.90
.635 - .760" / 16.129 mm - 19.304 mm	151.59
.760 - 1.010" / 19.304 mm - 25.654 mm	151.59

Pitch **Flattening Price Per Set**
2 thru 48 \$61.25

Price is for flattening of each of two wires to 80% of wire diameter. For depth of flat exceeding 20% diameter, a quotation is required. For special gear wires, use price for flattening which is closer to standard dimensions.

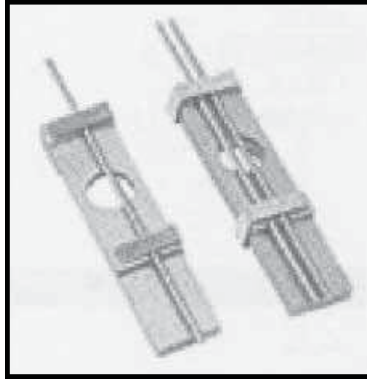


3-WIRE THREAD MEASURING SYSTEM

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:

- Diameter: ± 0.00020 "
- Roundness: ± 0.00010 "
- Surface Finish: 2 Micro Inches



All measuring wires come with a certificate of calibration, 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	.375" Anvil			Item No.	Set Price
80	0.00722	M910325	M910326	M910327	\$240.39	M730800	\$335.33	
72	0.00802	M910319	M910320	M910321	240.39	M730720	335.33	
64	0.00902	M910313	M910314	M910315	223.55	M730640	318.48	
56	0.01031	M910306	M910307	M910308	223.55	M730560	318.48	
50	0.01155	M910303	M910304	M910305	223.55	M730500	318.48	
48	0.01203	M910296	M910297	M910298	223.55	M730480	318.48	
44	0.01312	M910293	M910294	M910295	223.55	M730440	318.48	
40	0.01443	M910290	M910291	M910292	203.65	M730400	255.71	
36	0.01604	M910283	M910284	M910285	203.65	M730360	255.71	
32	0.01804	M910280	M910281	M910282	203.65	M730320	255.71	
30	0.01925	M910277	M910278	M910279	203.65	M730300	255.71	
28	0.02062	M910268	M910269	M910270	203.65	M730280	255.71	
27	0.02138	M910265	M910266	M910267	203.65	M730270	255.71	
26	0.02221	M910262	M910263	M910264	203.65	M730260	255.71	
24	0.02406	M910259	M910260	M910261	203.65	M730240	255.71	
22	0.02624	M910256	M910257	M910258	203.65	M730220	255.71	
20	0.02887	M910253	M910254	M910255	203.65	M730200	255.71	
18	0.03208	M910244	M910245	M910246	203.65	M730180	255.71	
16	0.03608	M910241	M910242	M910243	203.65	M730160	255.71	
14	0.04124	M910238	M910239	M910240	203.65	M730140	255.71	
3	0.04441	M910235	M910236	M910237	203.65	M730130	255.71	
12	0.04811	M910232	M910233	M910234	203.65	M730120	255.71	
11-1/2	0.05020	M910226	M910227	M910228	203.65	M730115	255.71	
11	0.05249	M910229	M910230	M910231	203.65	M730110	255.71	
10	0.05774	M910223	M910224	M910225	203.65	M730100	255.71	
9	0.06415	M910331	M910332	M910333	203.65	M730090	255.71	
8	0.07217	M910328	M910329	M910330	203.65	M730080	255.71	
7	0.08248	M910322	M910323	M910324	203.65	M730070	255.71	
6	0.09623	M910316	M910317	M910318	203.65	M730060	255.71	
5	0.11547	M910309	M910310	M910311	240.39	M730050	335.33	

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



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	\$240.39	M740350	\$355.45
.40mm	0.2309	0.00909	M910184	M910185	M910186	240.39	M740400	355.45
.45mm	0.2598	0.01023	M910181	M910182	M910183	223.55	M740450	337.59
.50mm	0.2887	0.01137	M910190	M910191	M910192	223.55	M740500	337.59
.55mm	0.3175	0.01250	M910187	M910188	M910189	223.55	M740550	337.59
.60mm	0.3464	0.01364	M910193	M910194	M910195	223.55	M740600	337.59
.70mm	0.4041	0.01591	M910199	M910200	M910201	223.55	M740700	337.59
.75mm	0.4330	0.01705	M910196	M910197	M910198	203.65	M740750	271.05
.80mm	0.4619	0.01819	M910205	M910206	M910207	203.65	M740800	271.05
.85mm	0.4907	0.01932	M910202	M910203	M910204	203.65	M740850	271.05
.90mm	0.5196	0.02046	M910208	M910209	M910210	203.65	M740900	271.05
1.00mm	0.5774	0.02273	M910211	M910212	M910213	203.65	M741000	271.05
1.25mm	0.7217	0.02841	M910214	M910215	M910216	203.65	M741250	271.05
1.50mm	0.8660	0.03409	M910217	M910218	M910219	203.65	M741500	271.05
1.75mm	1.0104	0.03978	M910220	M910221	M910222	203.65	M741750	271.05
2.00mm	1.1547	0.04546	M910247	M910248	M910249	203.65	M742000	271.05
2.50mm	1.4434	0.05683	M910250	M910251	M910252	203.65	M742500	271.05
3.00mm	1.7321	0.06819	M910271	M910272	M910273	203.65	M743000	271.05
3.50mm	2.0270	0.07980	M910274	M910275	M910276	203.65	M743500	271.05
4.00mm	2.3094	0.09092	M910286	M910287	M910288	203.65	M744000	271.05

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

THREAD MEASURING WIRE SETS Product Group #16-00S

60 Degree Thread Measuring Wires	Wooden Case No Wire Holders		Wooden Case w/Wire Holders	
	Item No.	Price	Item No.	Price
Set No. 30 HS*				
30 Sizes (5 to 80 TPI), with case	M396890	\$2,324.32	M396895	\$8,360.19
Set No. 34 HS				
34 Sizes (4 to 80 TPI), with case	M396920	\$2,760.70	M396925	\$9,508.57
Set No. 20 HS*				
20 Sizes (6 to 36 TPI), with case	M396880	\$1,434.71	M396980	\$5,236.60
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	\$2,864.82	M396915	\$8,992.56
Set No. 23 HS				
23 Sizes (.3 to 6 pitch), with case	M396900	\$2,068.61	M396905	\$6,674.37
29 Degree Acme Best Thread				
Set No. 22 AB				
22 Sizes (1 to 20 TPI), with case	M397000	\$2,558.48	N/A**	
Set No. 16 AB				
16 Sizes (3-1/2 to 20 TPI), with case	—	—	M397005	\$5,499.96



*7-1/2 & 22 TPI not included in these sets. All sets include Certification of Calibration.

**Not all sizes available.

Case and vials are available, price on request.



TABLE OF THREAD PITCH DIAMETER LIMITS

Nominal Size Threads Per Inch and Series	Thread Ring Gages (External Threads)					Basic P.D.	Thread Plug Gages (Internal Threads)				
	Unified Series			National Series			Unified Series			National Series	
	1A	2A	3A	2	3		1B	2B	3B	2	3
0 (.060) - 80 NF	.0514	.0519	.0519	.0519	.0519	.0519	.0519	.0519	.0519	.0519	
	.0496	.0506	.0502	.0506			.0542	.0536	.0536	.0532	
1 (.073) - 64 NC	.0623	.0629	.0629	.0629	.0629		.0629	.0629	.0629	.0629	
	.0603	.0614	.0610	.0615			.0655	.0648	.0648	.0643	
1 (.073) - 72 NF	.0634	.0640	.0640	.0640	.0640		.0640	.0640	.0640	.0640	
	.0615	.0626	.0622	.0627			.0665	.0659	.0658	.0653	
2 (.086) - 56 NC	.0738	.0744	.0744	.0744	.0744		.0744	.0744	.0744	.0744	
	.0717	.0728	.0724	.0729			.0772	.0765	.0764	.0759	
2 (.086) - 64 NF	.0753	.0759	.0759	.0759	.0759		.0759	.0759	.0759	.0759	
	.0733	.0744	.0740	.0745			.0786	.0779	.0778	.0773	
3 (.099) - 48 NC	.0848	.0855	.0855	.0855	.0855		.0855	.0855	.0855	.0855	
	.0825	.0838	.0833	.0839			.0885	.0877	.0877	.0871	
3 (.099) - 56 NF	.0867	.0874	.0874	.0874	.0874		.0874	.0874	.0874	.0874	
	.0845	.0858	.0854	.0859			.0902	.0895	.0894	.0889	
4 (.112) - 40 NC	.0950	.0958	.0958	.0958	.0958		.0958	.0958	.0958	.0958	
	.0925	.0939	.0934	.0941			.0991	.0982	.0982	.0975	
4 (.112) - 48 NF	.0978	.0985	.0985	.0985	.0985		.0985	.0985	.0985	.0985	
	.0954	.0967	.0963	.0969			.1016	.1008	.1007	.1001	
5 (.125) - 40 NC	.1080	.1088	.1088	.1088	.1088		.1088	.1088	.1088	.1088	
	.1054	.1069	.1064	.1071			.1121	.1113	.1112	.1105	
5 (.125) - 44 NF	.1095	.1102	.1102	.1102	.1102		.1102	.1102	.1102	.1102	
	.1070	.1083	.1079	.1086			.1134	.1126	.1125	.1118	
6 (.138) - 32 NC	.1169	.1177	.1177	.1177	.1177		.1177	.1177	.1177	.1177	
	.1141	.1156	.1150	.1158			.1214	.1204	.1204	.1196	
6 (.138) - 40 NF	.1210	.1218	.1218	.1218	.1218		.1218	.1218	.1218	.1218	
	.1184	.1198	.1194	.1201			.1252	.1243	.1242	.1235	
8 (.164) - 32 NC	.1428	.1437	.1437	.1437	.1437		.1437	.1437	.1437	.1437	
	.1399	.1415	.1410	.1418			.1475	.1465	.1464	.1456	
8 (.164) - 36 NF	.1452	.1460	.1460	.1460	.1460		.1460	.1460	.1460	.1460	
	.1424	.1439	.1435	.1442			.1496	.1487	.1485	.1478	
10 (.190) - 24 NC	.1619	.1629	.1629	.1629	.1629		.1629	.1629	.1629	.1629	
	.1586	.1604	.1696	.1605			.1672	.1661	.1662	.1653	
10 (.190) - 32 NF	.1688	.1697	.1697	.1697	.1697		.1697	.1697	.1697	.1697	
	.1658	.1674	.1670	.1678			.1736	.1726	.1724	.1716	
12 (.216) - 24 NC	.1879	.1889	.1889	.1889	.1889		.1889	.1889	.1889	.1889	
	.1845	.1863	.1856	.1865			.1933	.1922	.1922	.1913	
12 (.216) - 28 NF	.1918	.1928	.1928	.1928	.1928		.1928	.1928	.1928	.1928	
	.1886	.1904	.1897	.1906			.1970	.1959	.1959	.1950	
12 (.216) - 32 NEF	.1948	.1957	.1957	.1957	.1957		.1957	.1957	.1957	.1957	
	.1917	.1933	.1926	.1935			.1998	.1988	.1988	.1979	
1/4" - 20 NC	.2164	.2164	.2175	.2175	.2175	.2175	.2175	.2175	.2175	.2175	
	.2108	.2127	.2147	.2139	.2149		.2248	.2224	.2211	.2201	
1/4" - 28 NF	.2258	.2258	.2268	.2268	.2268	.2268	.2268	.2268	.2268	.2268	
	.2208	.2225	.2243	.2237	.2246		.2333	.2311	.2300	.2290	
1/4" - 32 NEF	.2287	.2297	.2297	.2297	.2297	.2297	.2297	.2297	.2297	.2297	
	.2255	.2273	.2265	.2275			.2339	.2328	.2329	.2319	
5/16" - 18 NC	.2752	.2752	.2764	.2764	.2764	.2764	.2764	.2764	.2764	.2764	
	.2691	.2712	.2734	.2723	.2734		.2843	.2817	.2803	.2794	
5/16" - 24 NF	.2843	.2843	.2854	.2854	.2854	.2854	.2854	.2854	.2854	.2854	
	.2788	.2806	.2827	.2821	.2830		.2925	.2902	.2890	.2878	
5/16" - 32 NEF	.2912	.2922	.2922	.2922	.2922	.2922	.2922	.2922	.2922	.2922	
	.2880	.2898	.2889	.2899			.2964	.2953	.2955	.2945	
3/8" - 16 NC	.3331	.3331	.3344	.3344	.3344	.3344	.3344	.3344	.3344	.3344	
	.3266	.3287	.3311	.3299	.3312		.3429	.3401	.3387	.3376	
3/8" - 24 NF	.3468	.3468	.3479	.3479	.3479	.3479	.3479	.3479	.3479	.3479	
	.3411	.3430	.3450	.3446	.3455		.3553	.3528	.3516	.3503	
3/8" - 32 NEF	.3537	.3547	.3547	.3547	.3547	.3547	.3547	.3547	.3547	.3547	
	.3503	.3522	.3513	.3523			.3591	.3580	.3581	.3571	
7/16" - 14 NC	.3897	.3897	.3911	.3911	.3911	.3911	.3911	.3911	.3911	.3911	
	.3826	.3850	.3876	.3862	.3875		.4003	.3972	.3957	.3947	
7/16" - 20 NF	.4037	.4037	.4050	.4050	.4050	.4050	.4050	.4050	.4050	.4050	
	.3975	.3995	.4019	.4014	.4024		.4131	.4104	.4091	.4076	
7/16" - 28 NEF	.4132	.4143	.4143	.4143	.4143	.4143	.4143	.4143	.4143	.4143	
	.4096	.4116	.4107	.4118			.4189	.4178	.4179	.4168	
1/2" - 13 NC	.4485	.4485	.4500	.4500	.4500	.4500	.4500	.4500	.4500	.4500	
	.4411	.4435	.4463	.4448	.4463		.4597	.4565	.4548	.4537	
1/2" - 20 NF	.4662	.4662	.4675	.4675	.4675	.4675	.4675	.4675	.4675	.4675	
	.4598	.4619	.4643	.4639	.4649		.4759	.4731	.4717	.4701	
1/2" - 28 NEF	.4757	.4768	.4768	.4768	.4768	.4768	.4768	.4768	.4768	.4768	
	.4720	.4740	.4731	.4742			.4816	.4804	.4805	.4794	



TABLE OF THREAD PITCH DIAMETER LIMITS

Nominal Size Threads Per Inch and Series	Thread Ring Gages (External Threads)					Basic P.D.	Thread Plug Gages (Internal Threads)				
	Unified Series			National Series			Unified Series			National Series	
	1A	2A	3A	2	3		1B	2B	3B	2	3
9/16" - 12 NC	.5068	.5068	.5084	.5084	.5084	.5084	.5084	.5084	.5084	.5084	.5084
	.4990	.5016	.5045	.5028	.5044		.5186	.5152	.5135	.5140	.5124
9/16" - 18 NF	.5250	.5250	.5264	.5264	.5264	.5264	.5264	.5264	.5264	.5264	.5264
	.5182	.5205	.5230	.5223	.5234		.5353	.5323	.5308	.5305	.5294
9/16" - 24 NEF		.5342	.5354	.5354	.5354	.5354		.5354	.5354	.5354	.5354
		.5303	.5325	.5314	.5326			.5405	.5392	.5394	.5382
5/8" - 11 NC	.5644	.5644	.5660	.5660	.5660	.5660	.5660	.5660	.5660	.5660	.5660
	.5561	.5589	.5619	.5601	.5618		.5767	.5732	.5714	.5719	.5702
5/8" - 18 NF	.5875	.5875	.5889	.5889	.5889	.5889	.5889	.5889	.5889	.5889	.5889
	.5805	.5828	.5854	.5848	.5859		.5980	.5949	.5934	.5930	.5919
5/8" - 24 NEF		.5967	.5979	.5979	.5979	.5979		.5979	.5979	.5979	.5979
		.5927	.5949	.5938	.5950			.6031	.6018	.6020	.6008
11/16" - 24 NEF		.6592	.6604	.6604	.6604	.6604		.6604	.6604	.6604	.6604
		.6552	.6574	.6563	.6575			.6656	.6643	.6645	.6633
3/4" - 10 NC	.6832	.6832	.6850	.6850	.6850	.6850	.6850	.6850	.6850	.6850	.6850
	.6744	.6773	.6806	.6786	.6805		.6965	.6927	.6907	.6914	.6895
3/4" - 16 NF	.7079	.7079	.7094	.7094	.7094	.7094	.7094	.7094	.7094	.7094	.7094
	.7004	.7029	.7056	.7049	.7062		.7192	.7159	.7143	.7139	.7126
3/4" - 20 NEF		.7162	.7175	.7175	.7175	.7175		.7175	.7175	.7175	.7175
		.7118	.7142	.7129	.7143			.7232	.7218	.7221	.7207
13/16" - 20 NS		.7787	.7800	.7800	.7800	.7800		.7800	.7800	.7800	.7800
		.7743	.7767	.7754	.7768			.7857	.7843	.7846	.7832
7/8" - 9 NC	.8009	.8009	.8028	.8028	.8028	.8028	.8028	.8028	.8028	.8028	.8028
	.7914	.7946	.7981	.7958	.7979		.8151	.8110	.8089	.8098	.8077
7/8" - 14 NF	.8270	.8270	.8286	.8286	.8286	.8286	.8286	.8286	.8286	.8286	.8286
	.8189	.8216	.8245	.8237	.8250		.8392	.8356	.8339	.8335	.8322
7/8" - 20 NEF		.8412	.8425	.8425	.8425	.8425		.8425	.8425	.8425	.8425
		.8368	.8392	.8378	.8392			.8482	.8468	.8472	.8458
15/16" - 20 NS		.9036	.9050	.9050	.9050	.9050		.9050	.9050	.9050	.9050
		.8991	.9016	.9003	.9017			.9109	.9094	.9097	.9083
1" - 8 NC	.9168	.9168	.9188	.9188	.9188	.9188	.9188	.9188	.9188	.9188	.9188
	.9067	.9100	.9137	.9112	.9134		.9320	.9276	.9254	.9264	.9242
1" - 12 UNF	.9441	.9441	.9459	.9459	.9459	.9459	.9459	.9459	.9459	.9459	.9459
	.9353	.9382	.9415	.9403	.9419		.9573	.9535	.9516	.9515	.9499
1" - 20 NEF		.9661	.9675	.9675	.9675	.9675		.9675	.9675	.9675	.9675
		.9616	.9641	.9627	.9641			.9734	.9719	.9723	.9609
1-1/16" - 18 NS		1.0250	1.0264	1.0264	1.0264	1.0264		1.0264	1.0264	1.0264	1.0264
		1.0203	1.0228	1.0213	1.0228			1.0326	1.0310	1.0315	1.0300
1-1/8" - 7 NC	1.0300	1.0300	1.0322	1.0322	1.0322	1.0322	1.0322	1.0322	1.0322	1.0322	1.0322
	1.0191	1.0228	1.0268	1.0237	1.0263		1.0463	1.0416	1.0393	1.0407	1.0381
1-1/8" - 12 NF	1.0691	1.0691	1.0709	1.0709	1.0709	1.0709	1.0709	1.0709	1.0709	1.0709	1.0709
	1.0601	1.0631	1.0664	1.0653	1.0669		1.0826	1.0787	1.0768	1.0765	1.0749
1-1/8" - 18 NEF		1.0875	1.0889	1.0889	1.0889	1.0889		1.0889	1.0889	1.0889	1.0889
		1.0828	1.0853	1.0837	1.0853			1.0951	1.0935	1.0941	1.0925
1-3/16" - 18 NEF		1.1499	1.1514	1.1514	1.1514	1.1514		1.1514	1.1514	1.1514	1.1514
		1.1450	1.1478	1.1462	1.1478			1.1577	1.1561	1.1566	1.1550
1-1/4" - 7 NC	1.1550	1.1550	1.1572	1.1572	1.1572	1.1572	1.1572	1.1572	1.1572	1.1572	1.1572
	1.1439	1.1476	1.1517	1.1487	1.1513		1.1716	1.1668	1.1644	1.1657	1.1631
1-1/4" - 12 NF	1.1941	1.1941	1.1959	1.1959	1.1959	1.1959	1.1959	1.1959	1.1959	1.1959	1.1959
	1.1849	1.1879	1.1913	1.1903	1.1919		1.2079	1.2039	1.2019	1.2015	1.1999
1-1/4" - 18 NEF		1.2124	1.2139	1.2139	1.2139	1.2139		1.2139	1.2139	1.2139	1.2139
		1.2075	1.2103	1.2086	1.2102			1.2202	1.2186	1.2192	1.2176
1-5/16" - 18 NEF		1.2749	1.2764	1.2764	1.2764	1.2764		1.2764	1.2764	1.2764	1.2764
		1.2700	1.2728	1.2711	1.2727			1.2827	1.2811	1.2817	1.2801
1-3/8" - 6 NC	1.2643	1.2643	1.2667	1.2667	1.2667	1.2667	1.2667	1.2667	1.2667	1.2667	1.2667
	1.2523	1.2563	1.2607	1.2566	1.2596		1.2822	1.2771	1.2745	1.2768	1.2738
1-3/8" - 12 NF	1.3190	1.3190	1.3209	1.3209	1.3209	1.3209	1.3209	1.3209	1.3209	1.3209	1.3209
	1.3096	1.3127	1.3162	1.3153	1.3169		1.3332	1.3291	1.2370	1.3265	1.3249
1-3/8" - 18 NEF		1.3374	1.3389	1.3389	1.3389	1.3389		1.3389	1.3389	1.3389	1.3389
		1.3325	1.3353	1.3335	1.3351			1.3452	1.3436	1.3443	1.3427
1-7/16" - 18 NEF		1.3999	1.4014	1.4014	1.4014	1.4014		1.4014	1.4014	1.4014	1.4014
		1.3949	1.3977	1.3960	1.3976			1.4079	1.4062	1.4068	1.4052
1-1/2" - 6 NC	1.3893	1.3893	1.3917	1.3917	1.3917	1.3917	1.3917	1.3917	1.3917	1.3917	1.3917
	1.3772	1.3812	1.3856	1.3816	1.3846		1.4075	1.4022	1.3996	1.4018	1.3988
1-1/2" - 12 NF	1.4440	1.4440	1.4459	1.4459	1.4459	1.4459	1.4459	1.4459	1.4459	1.4459	1.4459
	1.4344	1.4376	1.4411	1.4403	1.4419		1.4584	1.4542	1.4522	1.4515	1.4499
1-1/2" - 18 NEF		1.4624	1.4639	1.4639	1.4639	1.4639		1.4639	1.4639	1.4639	1.4639
		1.4574	1.1402	1.4584	1.4601			1.4704	1.4687	1.4694	1.4677



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 9001:2000. 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

