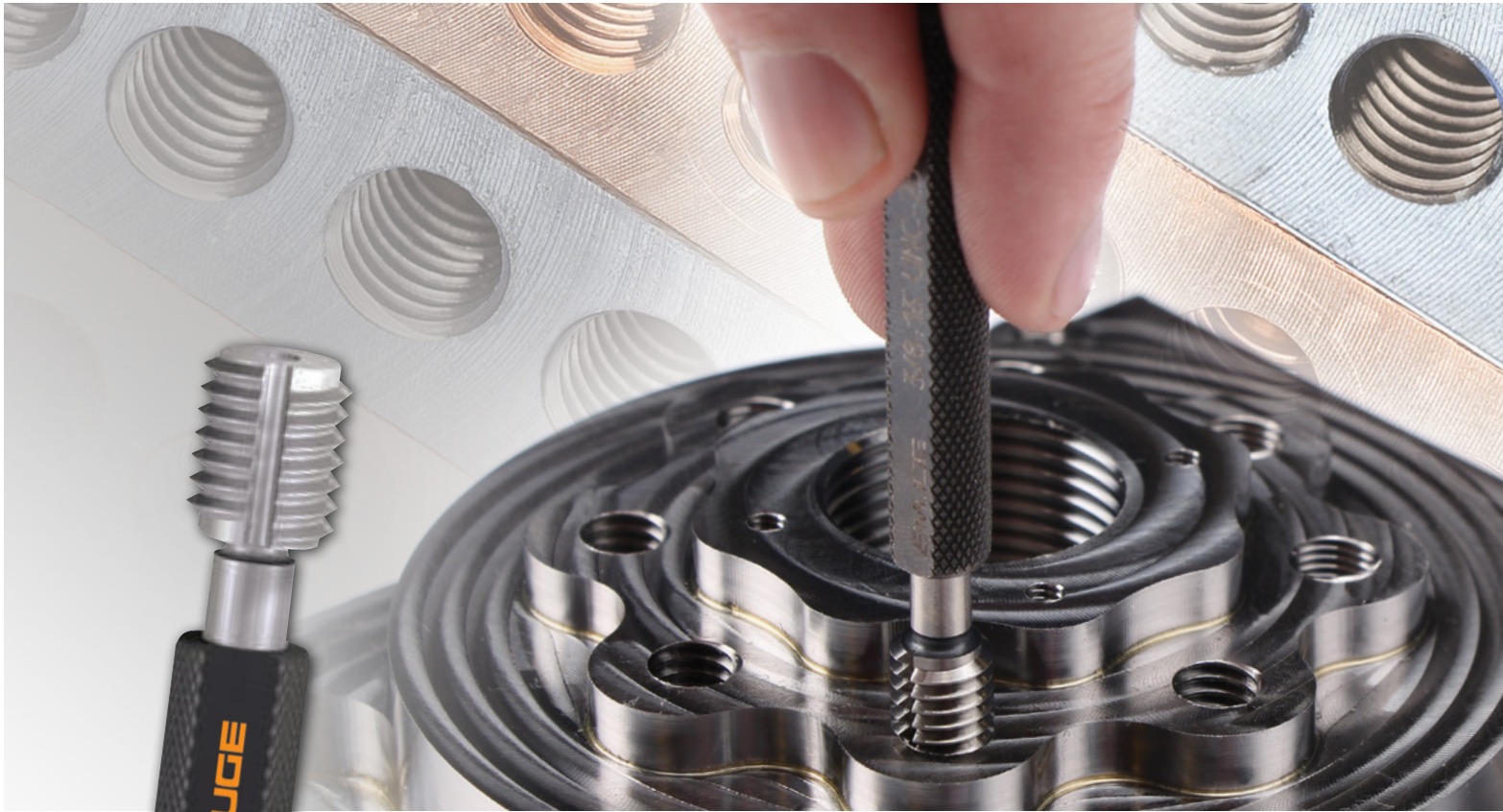


EMUGE



PRECISION THREAD GAGING SOLUTIONS



Precision Fixed Limit Thread Gages

Emuge's comprehensive line of thread gages consist of GO/NO-GO plug gages and thread depth plug gages. A Certificate of Accuracy is furnished with each gage.*

Gages inspect the pitch diameter and functional thread for internal-threaded components.

Features:

- Exceptionally hardened tool steel and highly accurate
- Full range of inch, metric sizes in coarse, fine, UNC, UNF, UNS, NPT, NPTF, along with Emuge Self-Lock™ threads forms
- Accommodates 2B, 3B, 6H classes of fit
- Stable thread start for easy insertion
- Eliminate thread damage in demanding environments
- * • Short form Certificate of Accuracy is furnished free with each gage. Long form Certificates are available upon request.

Gage certification is performed by accredited calibration service "DECOM UGK GmbH" calibration laboratory



UNC

	Size (in)	EDP No.
2B Class of Fit	#1-64	L0100100.5000
	#2-56	L0100100.5001
	#3-48	L0100100.5002
	#4-40	L0100100.5003
	#5-40	L0100100.5004
	#6-32	L0100100.5005
	#8-32	L0100100.5006
	#10-24	L0100100.5007
	#12-24	L0100100.5008
	1/4-20	L0100100.5009
	5/16-18	L0100100.5010
	3/8-16	L0100100.5011
	7/16-14	L0100100.5012
	1/2-13	L0100100.5013
	9/16-12	L0100100.5014
	5/8-11	L0100100.5015
3/4-10	L0100100.5016	
7/8-9	L0100100.5017	
1"-8	L0100100.5018	
1 1/8-7	L0100100.5019	
1 1/4-7	L0100100.5020	
1 3/8-6	L0100100.5021	
1 1/2-6	L0100100.5022	
3B Class of Fit	#1-64	L0100110.5000
	#2-56	L0100110.5001
	#3-48	L0100110.5002
	#4-40	L0100110.5003
	#5-40	L0100110.5004
	#6-32	L0100110.5005
	#8-32	L0100110.5006
	#10-24	L0100110.5007
	#12-24	L0100110.5008
	1/4-20	L0100110.5009
	5/16-18	L0100110.5010
	3/8-16	L0100110.5011
	7/16-14	L0100110.5012
	1/2-13	L0100110.5013
	9/16-12	L0100110.5014
	5/8-11	L0100110.5015
3/4-10	L0100110.5016	

UNC (CONT.)

	Size (in)	EDP No.
3B Class of Fit	7/8-9	L0100110.5017
	1"-8	L0100110.5018
	1 1/8-7	L0100110.5019
	1 1/4-7	L0100110.5020
	1 3/8-6	L0100110.5021
	1 1/2-6	L0100110.5022

UNF

	Size (in)	EDP No.
2B Class of Fit	#0-80	L0100100.5033
	#1-72	L0100100.5034
	#2-64	L0100100.5035
	#3-56	L0100100.5036
	#4-48	L0100100.5037
	#5-44	L0100100.5038
	#6-40	L0100100.5039
	#8-36	L0100100.5040
	#10-32	L0100100.5041
	#12-28	L0100100.5042
	1/4-28	L0100100.5043
	5/16-24	L0100100.5044
	3/8-24	L0100100.5045
	7/16-20	L0100100.5046
	1/2-20	L0100100.5047
	9/16-18	L0100100.5048
5/8-18	L0100100.5049	
3/4-16	L0100100.5050	
7/8-14	L0100100.5051	
1"-12	L0100100.5052	
1 1/8-12	L0100100.5053	
1 1/4-12	L0100100.5054	
1 3/8-12	L0100100.5055	
1 1/2-12	L0100100.5056	
3B Class of Fit	#0-80	L0100110.5033
	#1-72	L0100110.5034
	#2-64	L0100110.5035
	#3-56	L0100110.5036
	#4-48	L0100110.5037
	#5-44	L0100110.5038

UNF (CONT.)

	Size (in)	EDP No.
3B Class of Fit	#6-40	L0100110.5039
	#8-36	L0100110.5040
	#10-32	L0100110.5041
	#12-28	L0100110.5042
	1/4-28	L0100110.5043
	5/16-24	L0100110.5044
	3/8-24	L0100110.5045
	7/16-20	L0100110.5046
	1/2-20	L0100110.5047
	9/16-18	L0100110.5048
	5/8-18	L0100110.5049
	3/4-16	L0100110.5050
	7/8-14	L0100110.5051
	1"-12	L0100110.5052
	1 1/8-12	L0100110.5053
	1 1/4-12	L0100110.5054
1 3/8-12	L0100110.5055	
1 1/2-12	L0100110.5056	

NPT

Size (in)	EDP No.
1/16-27	L0500100.5763
1/8-27	L0500100.5764
1/4-18	L0500100.5765
3/8-18	L0500100.5766
1/2-14	L0500100.5767
3/4-14	L0500100.5768
1"-11-1/2	L0500100.5769

NPTF

Size (in)	EDP No.
1/16-27	L0520100.5782
1/8-27	L0520100.5783
1/4-18	L0520100.5784
3/8-18	L0520100.5785
1/2-14	L0520100.5786
3/4-14	L0520100.5787

**Control your production process safely and economically.
Quickly recognize size and form deviations and weakened or unfit threads, especially for thread-critical industry applications.**

METRIC

	Size (mm)	EDP No.
6H Class of Fit	M 1.6	LU100100.0016
	M 2	LU100100.0020
	M 2.5	LU100100.0025
	M 3	LU100100.0030
	M 3.5	LU100100.0035
	M 4	LU100100.0040
	M 5	LU100100.0050
	M 6	LU100100.0060
	M 8	LU100100.0080
	M 10	LU100100.0100
	M 11	LU100100.0111
	M 12	LU100100.0112
	M 14	LU100100.0114
	M 16	LU100100.0116
	M 18	LU100100.0118
	M 20	LU100100.0120
	M 22	LU100100.0122
	M 24	LU100100.0124
	M 30	LU100100.0130
	M 36	LU100100.0136
	M 5 x 0.5	LU100100.0218
	M 6 x 0.75	LU100100.0229
M 8 x 0.75	LU100100.0250	
M 8 x 1	LU100100.0251	
M 10 x 1	LU100100.0276	
M 10 x 1.25	LU100100.0277	
M 12 x 1.25	LU100100.0302	
M 12 x 1.5	LU100100.0303	
M 14 x 1.5	LU100100.0331	
M 15 x 1.5	LU100100.0345	
M 16 x 1.5	LU100100.0359	
M 18 x 1.5	LU100100.0390	
M 20 x 1.5	LU100100.0422	
M 22 x 1.5	LU100100.0438	



SELF-LOCK™ LK

	Size	EDP No.
LK - UNC	#4-40	L0100100.5656
	#6-32	L0100100.5658
	#8-32	L0100100.5659
	#10-24	L0100100.5660
	#12-24	L0100100.5661
	1/4-20	L0100100.5662
	5/16-18	L0100100.5663
	3/8-16	L0100100.5664
	7/16-14	L0100100.5665
	1/2-13	L0100100.5666
	9/16-12	L0100100.5667
	5/8-11	L0100100.5668
	3/4-10	L0100100.5669
7/8-9	L0100100.5670	
1"-8	L0100100.5671	
LK - UNF	#4-48	L0100100.5707
	#6-40	L0100100.5709
	#8-36	L0100100.5710
	#10-32	L0100100.5711
	1/4-28	L0100100.5713
	5/16-24	L0100100.5714
	3/8-24	L0100100.5715
	7/16-20	L0100100.5716
	1/2-20	L0100100.5717
	9/16-18	L0100100.5718
5/8-18	L0100100.5719	
3/4-16	L0100100.5720	
LK - M	M 3	L0100100.1046
	M 4	L0100100.1048
	M 5	L0100100.1050
	M 6	L0100100.1052
	M 8	L0100100.1054
	M 10	L0100100.1056
	M 12	L0100100.1058
	M 14	L0100100.1059
	M 16	L0100100.1060
	M 20	L0100100.1062
M 24	L0100100.1064	



Accommodates **2B, 3B, 6H** classes of fit.

A **dirt flute** is provided on the GO side to eliminate thread damage in demanding environments.

Exceptionally hardened tool steel and highly accurate.

A full range of stocked inch and metric gages are manufactured to **ANSI B1.2** (Unified screw threads) and **ANSI B1.16M** (metric M series screw threads).

Incomplete threads are removed until the beginning of the full thread, in order to create a stable thread start.

Gage handles with **double surfaces for marking**, leaving ample space for custom marking requirements. (An Emuge service that is available.)

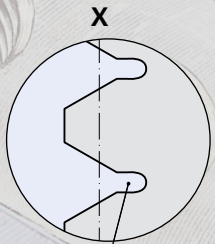
Knurled handles for maximum gripping ability and safety.

Clearly identified with the size and Emuge identification number for traceability.

Short form **Certificate of Accuracy** is furnished free with each gage. Long form Certificates are available upon request.

The NO-GO side is clearly marked with a **red ring**.

Reduced thread start for easy insertion of the NO-GO gage body.



Recessed minor thread diameter of the NO-GO gages for safe function.

EMUGE

Thread Depth Plug Gages

Visit emuge.com for more information.



Analog – GT-GR-LD Series

Manual Operation

Used for manually gaging threads and thread depths simultaneously, the gage is inserted into the threaded hole and screwed to the bottom. The total thread depth can be read off the scale from the point where the scaled sleeve disappears into the handle, to a resolution of 0.5 mm. Gages can be fitted with a torque limiter on request, for fine adjustment of measuring depth of the thread which allows the user to maintain consistent screw-in torque without transmitting torque.



Analog – TD-Bit-GUT Series

Automatic Operation

Used with a drive unit such as a cordless or pressurized air screwdriver or portable drill, threads and thread depths are simultaneously gaged, saving time and increasing gaging consistency. Automatic gaging with a constant torque improves repeatability and results. Due to a DIN ISO 1173 hexagon 1/4" bit, many gages can be driven with one single unit and quickly changed.

EMUGE Corp.
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800-323-3013 • www.emuge.com

Emuge Corp. has been the product technology and performance leader in their field for nearly 100 years.

Emuge manufactures an extensive line of taps, drills, thread mills, end mills, toolholders, clamping devices and other rotary cutting tools, over 10,000 items sold through distributors worldwide.