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.
### GO / NO-GO PLUG GAGES

#### NPTF

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

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

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

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.

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.
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 ¼" bit, many gages can be driven with one single unit and quickly changed.

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.