



About Us

We, "Unisize Gauges & Tools", are one of the fastest growing companies among the manufacturers and suppliers of fixed limit / attribute gauges and other high precision components used by automobile industry, oil & gas industry, casting industry, plastic moulding industry, forging industry, aeronautical/aerospace and the aviation industry, etc. We are based out of Pune and in the business for the last few years. We have got a decent in-house facility to design and manufacture the gauges, fixtures and other industrial products/components with high precision and accuracy to supply our esteemed clients. We have our presence currently in Maharashtra and Coimbatore, and we are expanding our supply and services to other part of India soon and gradually to the overseas market as well.

Our Mission is to increase our footprint in multiple global locations, ensure profitable growth, expand in-house capabilities and drive continuous improvement in operations, product quality, technology, sustainability, employee development and community enhancement

Our Vision is to become a leading trusted global brand and a house of one stop solution for all the linear dimensional metrology requirements by providing our best quality products & services to our customers across the globe at a competitive cost.

Our Products and Services

- Parallel Thread Plug Gauges
- Parallel Thread Ring Gauges
- Taper Thread Plug Gauges
- Taper Thread Ring Gauges
- Plain Plug Gauges
- Plain Ring Gauges
- Taper Plug Gauges
- Taper Ring Gauges
- Measuring Pins (Roller Pins)
- Non-Standard / Customized Thread & Plain Gauges

Address : Sr. No 23/11, Dhankawadi, Pune - 411043

Email Us : unisizegauges@gmail.com

Call Us : **+91 8459485168**

Parallel & Taper Thread Plug Gauges



“Thread Plug Gauges” are the type of fixed limit gauges used for attribute inspection of internal diameter of threaded holes in any component.

We supply the thread gauges of the below types. Information regarding size, pitch, etc. will be provided upon request.

- ISO Metric, MJ, Butress, Saw Tooth / Metric Butress Thread Gauges, (Helicoil threads also).
- Unified, UNJ Thread Gauges. (Helicoil threads also)
- BSW-BSF, B.S. Cycle, B.A., BS Conduit, Whitworth Thread Gauges and Pipe / G Thread Gauges (Formally known as BSPF thread gauges).
- Trapezoidal, ACME & Stub-ACME Thread Gauges.
- Pg & Rd (Knuckle) Thread Gauges.
- Material : : OHNS / (Hardened 60 ± 2 HRC).
- **Supply Range : From 1.60mm to 200.00mm.**
- Specifications: The thread gauges are made in accordance with national and international standards such as ANSI, BS, IS, etc.

Plain Plug Gauges



“Plain Plug Gauges” are the type of fixed limit gauges used for attribute inspection of internal diameter of plain holes in any component. We supply the plain plug gauges in the below options,

- **Supply Range : 0.10mm to 250.00mm**
- Material : OHNS / (Hardened 60 ± 2 HRC)
- Blanks as per IS 6137-1983 & IS:6244/1980
- Basic Dimensions are as per IS:919-1963 & Gauging Practice is as per IS:3455-1971.
- Gauges will be supplied as per other standards also (BSi, ANSI/ASME, DIN, etc.
- Customized / Non-standard plain plug gauge will also be supplied upon request.

Parallel & Taper Thread Ring Gauges



“Thread Ring Gauges” are the type of fixed limit gauges used for attribute inspection of outer diameter of threaded shafts, pipes, or any cylindrical component with external threads. We supply the thread gauges of the below types. Information regarding size, pitch, etc. will be provided upon request.

- ISO Metric, MJ, Buttress, Saw Tooth / Metric Buttress Thread Gauges, (Helicoil threads also).
- Unified, UNJ Thread Gauges. (Helicoil threads also).
- BSW-BSF, B.S. Cycle, B.A., BS Conduit, Whitworth Thread Gauges and Pipe / G-Thread Gauges (Formally known as BSPF thread gauges).
- Trapezoidal, ACME & Stub-ACME Thread Gauges.
- Pg & Rd (Knuckle) Thread Gauges.
- Material : : OHNS / (Hardened 60 ± 2 HRC)
- **Supply Range :** From 2.00mm to 200.00mm.
- Specifications: The thread gauges are made in accordance with national and international standards such as ANSI, BS, IS, etc.

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Plain Ring Gauges



Plain Ring Gauges used for the attribute inspection of outer diameter of shafts, pipes, etc. whereas the master setting ring gauges are used to set the inspection instruments like bore gauge, universal length measuring machine, etc. We supply the plain ring gauges and master setting ring gauges in the below options,

- **Supply Range : 3mm to 250.00mm**
- Material : OHNS / (Hardened 60 ± 2 HRC)
- Blanks as per IS:3485/1983
- Basic Dimensions are as per IS:919-1963 & Gauging Practice is as per IS:3455-1971.
- Gauges will be supplied as per other standards also (BSi, ANSI/ASME, DIN, etc.)
- Customized / Non-standard plain plug gauge will also be supplied upon request.

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Plain Taper Plug/Ring Gauges

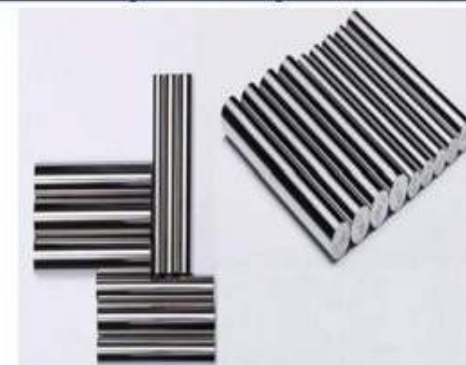


Taper plug gauges are used to check tapered holes. It has two check lines. One is a GO line and another is a NOGO line. During the checking of work, NOGO line remains outside the hole and GO line remains inside the hole. Whereas taper ring gauges are used to check both the accuracy and the outside diameter of a taper shaft, taper mandrel, etc. Ring gauges often have scribed lines or a step ground on the small end to indicate the 'Go' and 'No-Go' dimensions. We supply the below types of taper gauges (both plug and ring gauges upon requirement. The material used would be Hardened OHNS (60 ± 2 HRC).

- MORSE TAPER PLUGS & RINGS
- ISO TAPER PLUGS & RINGS
- JACOB TAPER GAUGES (PLUGS AND RINGS)
- Other Customized taper plugs/rings as per drawing.

Other Gauges

Measuring Pin Gauges (Roller Pins)



We supply "Measuring Pin Gauges" Loose & Set in the below options,

- **Supply Range : 0.10mm to 20.00mm**
- Material : EN31/OHNS (Hardened 60 ± 2 HRC)
- Blanks as per IS:11103-1987
- Loose pins with $\varnothing \pm 0.002$ mm accuracy as standard practice

Non-Standard / Customized Thread & Plain Gauges



We supply "Customised Gauges – As Per Drawing"
(PCD Gauge, Profile Gauge, Concentricity Gauge, Square Plug Gauge, Hexagonal Plug Gauge, etc.)