



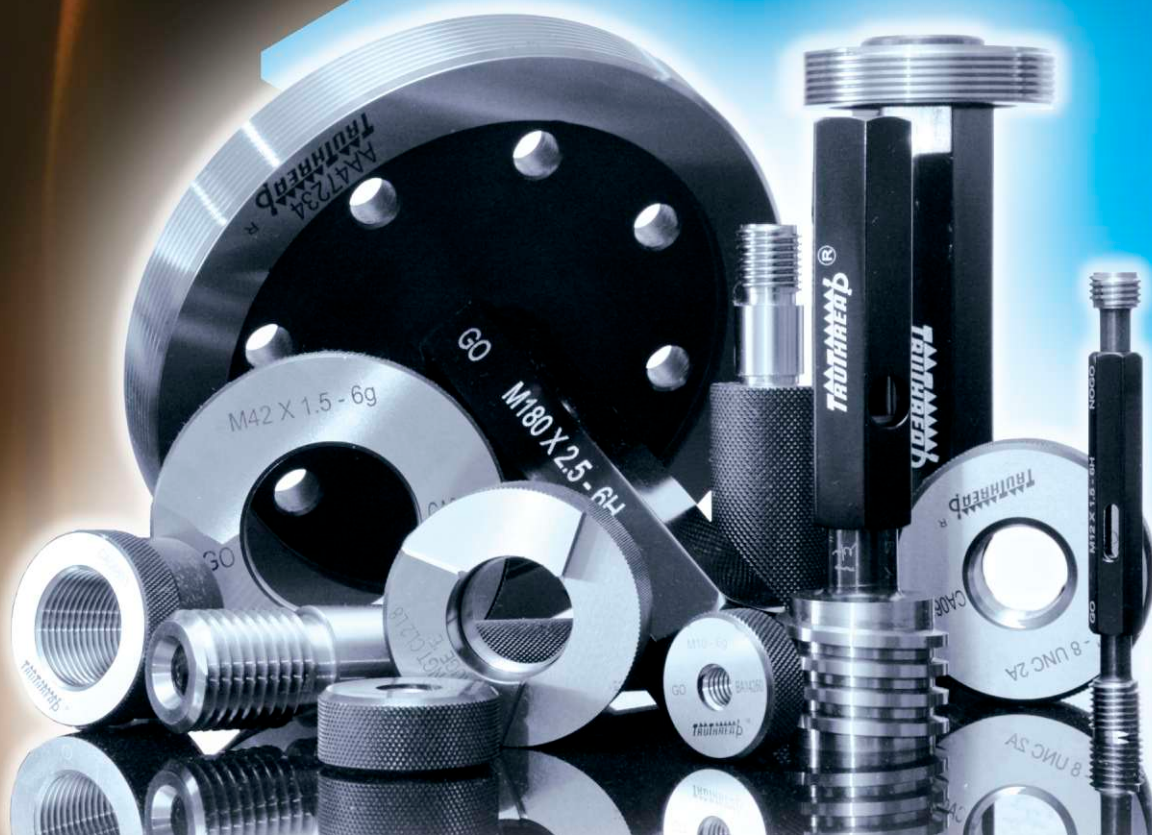
ISO 9001



ISO/IEC 17025



Total Solution for Thread Gauging



Modern Manufacturing Plant *with top class machine tools sourced from all over the world.*



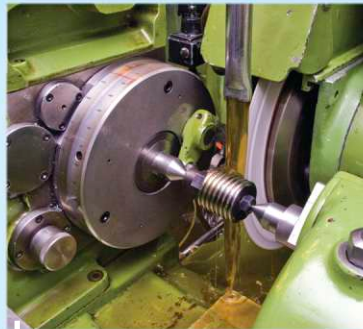
Temperature controlled Thread Grinding Section



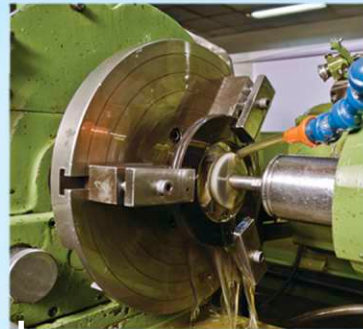
Cylindrical Grinding Section



Design Section with Software for 3D-Product Modeling



Thread Grinding of Plug Gauge



Thread Grinding of Ring Gauge



CNC Technology for Manufacturing

Heat Treatment

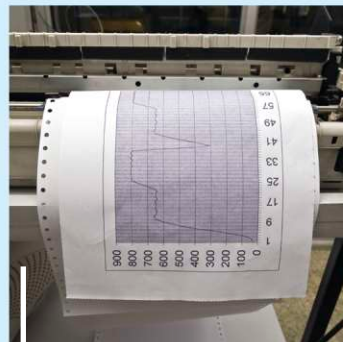
- Proper Heat treatment is necessary to achieve wear resistance and dimensional stability in gauges.
- We have modern, safe and environmental friendly heat treatment facility, different from conventional salt bath furnaces.
- Electrically heated furnaces are fitted with electronic controller and data loggers for controlling and recording heat treatment cycle parameters.
- Gauges are Heat treated to achieve hardness of 60 - 62 HRC.



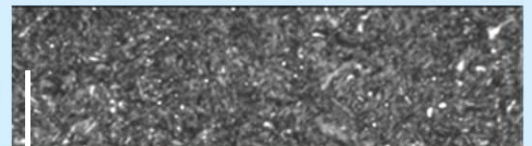
Heating Gauges for Heat Treatment



Oil Quenching of Gauges

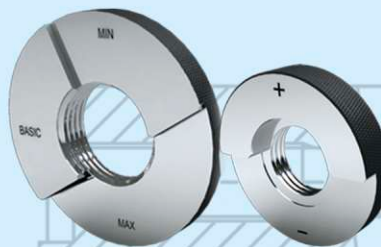


Records of Cycle Parameters



Micro structure of Gauge –

- Uniformly distributed carbides in a matrix of tempered martensite.
- No banding of carbides.
- Fine size carbides are uniformly distributed throughout the structure.



Quality Assurance

- Well-equipped Quality Assurance Department to check precision of manufactured gauges.
- Measuring equipments capable of measuring up to 0.0001 mm in controlled environment of
- 20 ± 1 degree Celsius & Humidity $50 \pm 10\%$ RH
- Measuring equipments maintain Traceability to International / National standards.



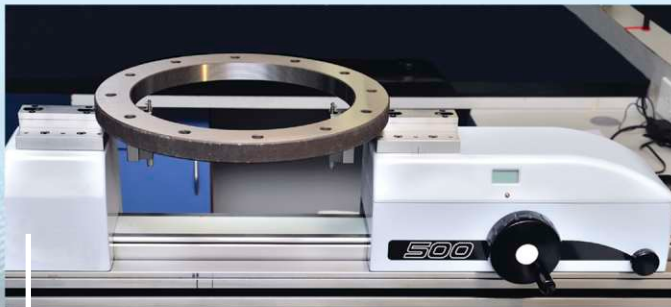
Measurement of Thread Ring, Gauge

Calibration Service

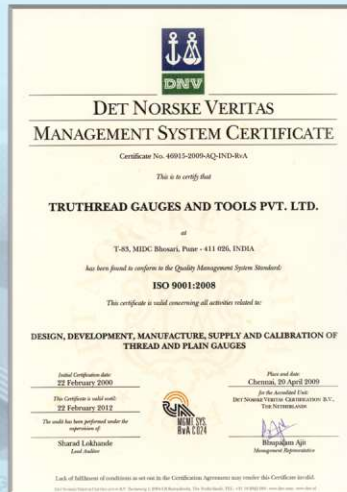


Calibration Laboratory

- Separate and independent calibration laboratory, free from any internal or external influence.
- Facilities to calibrate wide range of measuring instruments, Masters & Plain Gauges besides Thread Gauges.
- For detail scope and Best Measurement Capabilities Please contact our Marketing Department OR Email: callab@truththread.com



Measurement of Thread Ring, Gauge



- ISO-9001:2008 Certification by Det Norske Veritas (DNV)
- Accreditation by National Accreditation Board of Laboratories (NABL) Certificate No. C-0675 for ISO / IEC 17025-2005 standard.



Measurement of Angle on Profile Projector



Measurement of Plain Plug Gauge on Electronic Comparator



Our Product Range covers almost all types of Thread Profiles like,

ISO Metric, Unified, BSW / BSF / Whits, BA, BS Cycle, BS Conduit, Pipe threads like G / Rp, Pg, Acme, Stub Acme, Trapezoidal, Buttress, Saw Tooth.

Taper threads like NPT, NPTF/ PTF, BSPT_r, R/Rc, DIN 158.

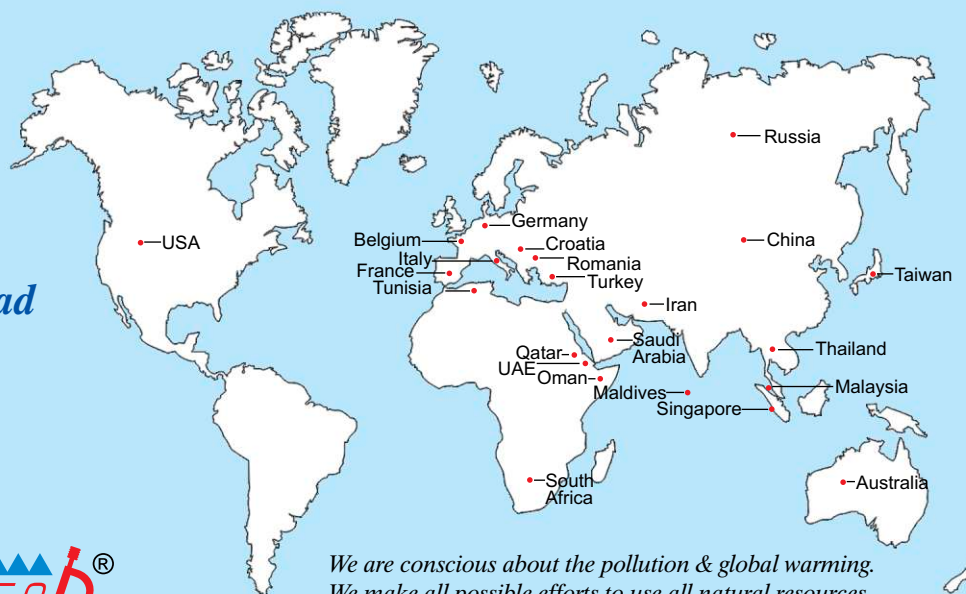
Gauges for Gas cylinders & valves used for storage & transportation of Gas.

Gauges as per various specifications of American Petroleum Industry (API)

Our esteemed customers are spread in all types of Engineering industries, few are listed here.

- Automobiles & components.
- Aerospace.
- Agro equipments.
- Boilers / Pressure vessels.
- Defense equipments.
- Dairy equipments.
- Fasteners.
- Hydraulics.
- Machine tools.
- Pneumatics.
- Gas cylinders & valves.

Our satisfied Customers are spread all over the world.



We are conscious about the pollution & global warming. We make all possible efforts to use all natural resources responsibly and to avoid / reduce pollution. The waste disposal is handled with care & is compliant with the legal regulations.

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