

Salient Features Of Jayesh Enterprises TIECO Brand

State of the art standard room.

Latest high resolution instruments.

Design facility catering to custom built Special Gauges.

Highly qualified and experienced workforce.

ISO / IEC 17025:2017 NABL certified laboratory.

An ISO 9001:2015 certified company.

Product hardness maintained at 60±2 HRC.

All products sub-zero treated.

Stringent Quality control – parameters maintained as per Indian & International standards.

CALIBRATION SERVICES

Jayesh Enterprises, offers Calibration Services for internal and external Linear Measurement from 1.00 to 500.00mm in its laboratory. The laboratory is NABL accredited and has the latest instruments with Calibration Certificates traceable to NPL, New Delhi. Instruments installed in the lab are –

TRIMOS Computer aided Horizontal Measuring Instrument Tilm-210
(0.0001 mm resolution and 0.2 +/- 0.2s repeatability)

TRIMOS Computer aided Horizontal Measuring Instrument HPD500B (0.0001 mm resolution and 0.2 +/- 0.2s repeatability)

Carl Zeiss Universal Horizontal Metroscope (0.001mm resolution)

TRIMOS Computer aided Vertical Measuring Instrument – Range 600mm (0.001 resolution)

Scope of Calibration :

Vernier Calipers
Plunger and Lever Dial Gauges
Height Gauges
Feeler Gauges
Micrometer Setting Pieces
Micrometers

Setting Masters Thread
Taper Thread Gauges
Thread Plugs
Snap Gauges
Plain Pug Gauges
Plate Plug Gauges

Plain Ring Gauges
Width Gauges
Measuring Pins
Thread Measuring Wires
Taper Gauges
Thread Plugs and Thread Rings



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ALL OUR GAUGE TOLERANCES FOR PLUG GAUGES, RING GAUGES AND SNAP GAUGES ARE AS PER IS & ISO STANDARD



TIECO®

G a u g e s





Plain Plug Gauges (Steel & Carbide) :

Range: 0.30 to 1000 mm. From 1000 - 2000mm available on request.
0.30 - 10.00mm - Reversible Pin Type Plug
10.01 - 40.00mm – Taper Lock Design IS 6137:1987
40.01 - 100.00mm – Disc Double Ended IS 6244:1980
100.01 - 300.00mm – Plate Type Plug S/E GO & NOGO - Separate – JE Design
Above 300.01mm - Progressive Type – JE Design



Plain Ring Gauges - Go & Nogo Rings (Steel & Carbide) :

Range: 1.00 to 600mm
Specification: As per IS3485:1983. Above 315mm as per JE Design.

Master Setting Rings (Steel & Carbide) :

Range: 1.00 to 600mm
Specifications: As per IS 3485:1983. Above 315mm as per JE Design



Plain And Adjustable Snap Gauges (Steel & Carbide) :

Range: 2.50 to 100.00 mm. Above 100mm available on request.
Available in 2 Types – Single & Double Ended. Also manufactured as per customer drawing/requirement.
Specifications: Single ended as per IS 8023:1991 and Double Ended as per IS 4583:1968.



Measuring Pins & Thread Measuring Wires (Steel & Carbide) :

Pin & Pin Sets

Range: 0.10 to 25.00 mm in steps of 0.01, 0.002 or 0.05mm
Loose pins of any size in the above range are available on request.
Specifications: IS 11103:1987

Thread Measuring Wires

Range: 0.17 to 3.20 mm – 16 sizes, 0.17 to 6.35mm – 21 sizes
The standard set consists of following 16 or 21 sizes in millimetres.
Specification: IS 6311:1978



Special Gauges

These gauges are manufactured As per customer drawing/ Requirements. JE specialises in Manufacture of such gauges.



Thread Gauges

Range - ISO metric, Unified, Taper (Formally NPT and BSPT), BSW-BSF, B.S. Cycle, B.A. screw and G series (Formally BSPF) thread gauges.
Thread gauges are available in both plugs (from diameter 1.60mm – 200.00mm) and ring types (from diameter 2.00mm – 200.00mm)
Specifications: The thread gauges are made in accordance with National and International standards such as ANSI, BS, IS, etc



Plain Setting Masters

Range: 1.00 mm to 300.00mm. Above 300mm available on request.
Specification: As per IS 4349:1987



Taper Gauges

Range :

1) ISO TAPER PLUGS & RINGS

Range: ISO 30, ISO 40, ISO 45 and ISO 50
Specifications: IS 9475:1986

2) MORSE TAPER PLUGS & RINGS

Range: MT 0 to MT 6
Available with or without Tang
Specifications: IS 2251:1986

3) JACOB TAPER GAUGES (PLUGS AND RINGS)

Range: JT0, JT1, JT2, JT3, JT6, JT(4), JT(5). JT33, JT2 (short)
Specifications: As per IS 10649:1983

4) TAPER PLUGS AND RINGS

Range: A 2 3, A 2 4, A 2 5, A 2 6, A 2 8, A2 11
Specifications: IS 2582:1972



Key Way Width Gauges & Slip Gauges (Steel & Carbide) :

Range: 1.00 to 100 mm & 1.00 to 300.00 mm
Specifications: As per JE design and standards or as per customer drawings/requirements.



PNEUMATIC PRESSURE GAUGING UNIT AND PNEUMATICS GAUGES OR AIR GAUGES (STEEL & CARBIDE)

Pneumatics Plugs, Pneumatics Snap & Pneumatics Ring Gauges & Setting masters

Range:

Air Plugs: 2.00 mm to 200 mm

Air Rings: 4.00 mm to 100 mm