

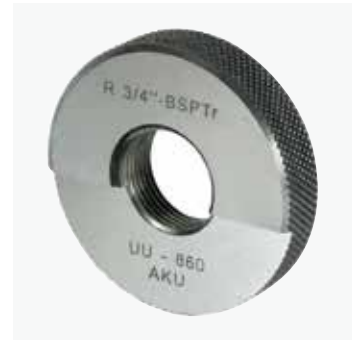


THREAD GAUGES

Meet us at Fastener Fair
Hall 5, Stand 2616. Stuttgart.
19-21 March 2019.

AKU gauges offers versatile thread measuring solutions. Our range includes thread plug and ring gauges in tapered pipe threads, straight pipe threads, wear check gauges, Acme, buttress, trapezoidal and as per customer's requirement.

We also manufacture gauges in BSW, BSF, B.A., BS Cycle, NGT, NPSM, NPSF, UNJF, UNJC, R & Rp EN 10226, DIN 2999, F style gauges, etc. Each of our gauges accompany calibration certificate.



DESIGNATION	TYPE OF THREAD	BASIC DIMENSIONS	GAUGING PRACTICE
M	ISO METRIC 60° THREADS (for general fastening purpose)	ISO 724-1978 (E) ISO 965/1 – 1980 (E) IS 4218 (Part III & IV) 1976	ISO 1502-1978 (E) IS:2334 - 1975
UNC, UNF, UNEF, UNS	UNIFIED INCH 60° (for general fastening purpose)	ANSI B 1.1 – 1982	ANSI / ASME B1.2 - 1983
G	Pipe Thread 55° (Where Pressure-tight Joints are not made on the threads)	ISO 228/1 – 1982 (E) IS: 2643 (Part I-III) 1975	ISO – 228-2 – 1982 (E) IS: 10216 - 1982
Tr	ISO METRIC TRAPEZODIAL 30° THREADS (For transmission of power & motion)	ISO 2903, ISO 2904 IS: 7008 (Part 3 & 4) 1988	DIN 103 Part 9 – 1985 Based on 1502 – 1978 (E)
NPT	PIPE THREADS 60° General purpose (Taper 1:16 on Ø)	ANSI / ASME B 1.20.1 – 1983 For standard (Basic) type	ANSI / ASME B 1.20.1 - 1983 H – 28 (Part II) 1957
NPTF	DRYSEAL PIPE THREADS 60° (Taper 1:16 on Ø)	ANSI / ASME B 1.20.3 - 1976	ANSI / ASME B 1.20.5 - 1978
R Rc (BSPT) ISO 7 / R	Pipe Thread 55° (Where Pressure-tight Joints are made on the threads - Taper 1:16 on Ø)	ISO 7 / 1 – 1982 IS: 554 – 1985	ISO 7/2 – 1982 (E) IS: 8999 - 1979
PG Threads	80° included angle for checking threads of conduit pipes used for electrical wiring	DIN 40430 -1971	DIN 40431(2)-1972

ADJUSTABLE/FIX SNAP GAUGES

For checking outer/groove diameters, flange widths, Go/No Go Gauging



ADJUSTABLE SNAP GAUGE



FIXED SNAP GAUGE

- IS 7606 for adjustable, IS: 3455 for fixed
- Available in square, grooved or pin type anvil (Adj)
- Hardened, ground and lapped anvils.
- Range: 0 - 300 mm in steps.
- Parallelism as per IS standards.

MEASURING PIN SETS

Ideal for checking Holes and CD



- Range: 0.5 mm to 50 mm, Supplied in sets or Single pins. In steps of 0.01, 0.02, 0.05, 0.1 mm
- Manufactured from high quality alloy steel and are sub-zero treated for dimensional stability.
- Hardness - HRC 60 ± 2 with sub-zero treatment. In ±0.001 or ±0.002 mm size tolerance.
- Pins with knobs or without knobs.
- Special length pins and also manufactured in carbide

PLAIN PLUG & RING GAUGES, MASTER SETTING RINGS.

Plug gauges from Ø 3 to 60 mm, Ring gauges & setting rings from Ø 4 - 60 mm. Available in Tungsten Carbide.

PRODUCT	BASIC DIMENSIONS + GAUGING PRACTICE	MANUFACTURING RANGE
Plug Gauges are used for inspection of plain internal diameter measurement	ISO 286 Part 1 & 2 - 2010 DIN 7164 - 1966 & IS 7859-1975	Ø 0.5 - 10 mm reversible pin type design Ø 10 - 40 mm Taper-lock design Ø 40 - 100 mm Tri-lock design Ø 100 - 300 mm in Plate type design
Ring Gauges are used for inspection of plain external diameter measurement	ISO 286 Part 1 & 2-2010/IS 919 Part 1 & 2-1993 DIN 7164-1966 & IS 3455-1971/ IS 7876-1975	Ø 1 mm - 300 mm
Master Setting Rings are used as reference standard for setting the equipment.	DIN 7164 - 1966	Ø 1 mm - 300 mm



Our other products : air gauges, limit gauges, spline gauges, 3 wire sets, floating carriage micrometer, etc