

Unified Thread Gauges



Unified Threads are used for general purpose fastening applications for Imperial system of units.

Specification :

We manufacture Unified Gauges as per American Standard : Basic Dimensions as per ANSI B 1.1:2003 & Gauging Practice as per ANSI/ASME B 1.2-1983. We also manufacture Unified Gauges as per British Standards (BS). Basic Dimensions as per BS 1580 Part 1 & 2 - 2007 & Gauging Practice as per BS 919 Part 1-2007.

Manufacturing Range :

Thread Plug & Ring Gauges from No. 4 (0.112") to 12"

Gauge Type	Diameter Range (Inch)	TPI (Threads per Inch)	Tolerance Class
Thread Plug Gauges.	No.4 (0.112"-12")	48, 44, 40, 36, 32, 28, 24, 20, 18, 16, 14, 13, 12, 11.5, 11, 10, 9, 8, 7, 6, 5, 4.5, 4 TPI not covered here can be supplied based on customer request	As given in below Table
Thread Ring Gauges.	No.4 (0.112"-10.25")	48, 44, 40, 36, 32, 28, 24, 20, 18, 16, 14, 13, 12, 11.5, 11, 10, 9, 8, 7, 6, 5, 4.5, 4 TPI	As given in below Table

		not covered here can be supplied based on customer request.	
Check Plug Gauges	To check NEW Go & Nogo Ring Gauges as given above.		
Wear Check Plug Gauges	To check / calibrate USED Go & Nogo Ring Gauges as given above.		
Check Ring Gauges	To check NEW Go & Nogo Plug Gauges as given above.		
Wear Check Ring Gauges	To check / calibrate USED Go & Nogo Plug Gauges as given above.		

Tolerance Class

Tolerance Class for Plug gauges (Internal threads)	Tolerance Class for Ring gauges (External threads)	Application
1B	1A	Where quick assembly is needed, even when threads are dirty / damaged. Wide tolerances for male and female threads.
2B	2A	Corresponds to medium fit and used for general applications, which requires free assembly.
3B	3A	Where closer fit is required.