

# Trapezoidal Thread Gauges

Trapezoidal Threads are used for translation motion in machine tools like lead screws, where rapid movement is required or in screw jacks, where load to be shared is more.

Specification:

ISO Specifications: Basic Dimensions: ISO 2901, DIN 103 & Gauging Practice: DIN 103 (9) : 1985.

IS Specifications: Basic Dimensions: IS 7008 :

1988, IS 7008 (4) : 1999 & Gauging Practice: DIN 103 (9) : 1985.

Manufacturing Range :

Thread Plugs, Thread Rings, Check Plugs &

Wear Check Plugs of Diameter from 8 mm to 355 mm and pitches from 1.5 mm to 12 mm.



Gauge Type	Diameter Range(MM)	Pitches in mm	Tolerance Class
Thread Plug Gauges.	8 - 300	1.5, 2, 3, 4, 5, 6, 7, 8, 10, 12 Pitches not covered here can be supplied if customer requests	As given in below Table
Thread Ring Gauges.	8 - 260	1.5, 2, 3, 4, 5, 6, 7, 8, 10, 12 Pitches not covered here can be supplied if customer requests	As given in below Table
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 classes for Internal Threads (Plug Gauges)		Tolerance classes for External Threads (Ring Gauges)			
	Tolerance position 'H'		Tolerance position 'e'		Tolerance position 'c'	
	N	L	N	L	N	L
Medium	7H	8H	7e	8e	-	-
Coarse	8H	9H			8c	9c