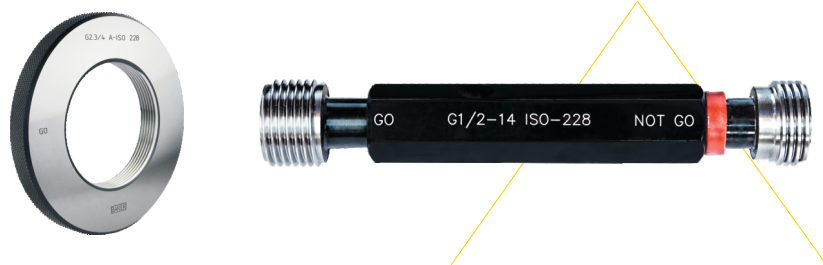


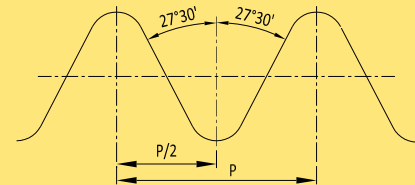
Thread Gauge

'G' PIPE



These are pipe threads where pressure-tight joints are not made on threads. Gauge dimensions are as per ISO 228-2.

	Tolerance class
Thread Ring gauge	'A' & 'B'
Thread Plug gauge	-

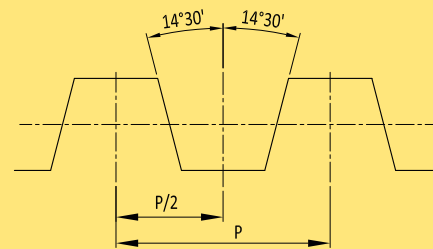


P = Pitch

Acceptance criteria for components:

The GO gauge when screwed by hand without using excessive force, should enter and pass the whole length of the workpiece thread. The NOT GO gauge when screwed by hand without using excessive force, should not enter the component by more than two turns of the thread from both ends.

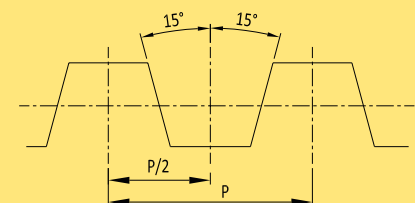
ACME & STUB ACME



P = Pitch

- Gauge dimensions for Acme threads are as per ASME B1.5 and Stub Acme as per ANSI/ASME B1.8
- Most commonly used class is 2G. If less backlash is desired in acme threads, 3G & 4G class are used
- The height of Acme threads is $0.5p$, whereas the height of Stub Acme threads is $0.3p$

TRAPEZOIDAL



P = Pitch

- Gauge dimensions are as per DIN 103-9
- Recommended Tolerance classes are 7H/7e for medium tolerance quality and 8H/8c for coarse tolerance quality.