

THREAD LIMIT GAUGE

Category	for Inspection
Thread Plug Gauge, Class 2	GPII
Thread Ring Gauge, Class 2	GRIR

※ Thread Gauge for Machine Work (WPWP, GRWR) are also available.
※ ISO type are available on request.

Inspection of Threaded Hole

For each screw size to be measured the corresponding gauge has standard dimensions. The gauge is used to perform GO/NO GO test based on the prescribed minimum and maximum dimensions for each screw grade.

THREAD PLUG GAUGE



MATERIAL Gauge part : Alloy tool steel
Handle part : Aluminum

Size
M1.4 × P0.3
M1.6 × P0.35
M1.7 × P0.35
M2 × P0.4
M2.3 × P0.4
M2.5 × P0.45
M2.6 × P0.45
M3 × P0.5
M3.5 × P0.6
M4 × P0.5
M4 × P0.7
M5 × P0.8
M6 × P0.75
M6 × P1.0
M7 × P1.0
M8 × P1.0
M8 × P1.25
M10 × P1.0
M10 × P1.25
M10 × P1.5
M12 × P1.0
M12 × P1.25
M12 × P1.5
M12 × P1.75
M14 × P1.5
M14 × P2.0
M16 × P1.5
M16 × P2.0
M18 × P1.5
M18 × P2.5
M20 × P1.5
M20 × P2.5

Using a Thread Plug Limit Gauge

① GO side



First, the GO side should thread into hole without difficulty.

② NOGO side



JIS Standard Next, using NOGO side, no more than two complete turns should be possible.

ISO Standard Next, using NOGO side, no more than two complete turns should be possible.

If pass both steps, ① and ②, thread passes examination by thread plug limit gauge.