

THREAD LIMIT GAUGE (OLD JIS / GPWP II • GRWR II)



HOW TO MOVE

GO/NOGO gauge for checking accuracy of thread

| | |
|---|---|
| For Serial No. Management ▶ Laser Marking P120 | Rust prevention ▶ Zerust Film for Steel P380 |
|---|---|

| Category | for Manufacturing |
|----------------------------|-------------------|
| Thread Plug Gauge, Class 2 | GPWP II |
| Thread Ring Gauge, Class 2 | GRWR II |

● Thread limit Gauge is used to perform GO / NOGO inspection based on the minimum and maximum dimensions prescribed for each screw grade.
For acceptance of a threaded part, GO gauge should thread without any difficulties and NOGO should not thread more than two complete revolutions.

※ The thread category does not represent its quality but represent the position of the acceptance range.
Please select a screw gauge suitable for the product grade.

USE

- For Internal / external screw thread inspection

FEATURES

- Enables to inspect whether threaded parts are within upper/lower limits of the screw's prescribed dimensional precision.
- Provided with inspection report

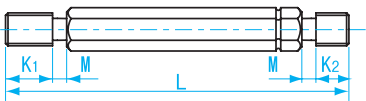
THREAD LIMIT PLUG GAUGE (OLD JIS FOR MACHINE WORK CLASS 2 / GPWP II)



MATERIAL

- Gauge: Alloy tool steel
- Handle: Aluminum

● DIMENSIONS



※ Reference purposes only

| Order No. | Model No. | Nominal Size | K ₁ (mm) | K ₂ (mm) | M※ (mm) | L※ (mm) |
|-----------|--------------|--------------|---------------------|---------------------|---------|---------|
| 470204 | GPWP2-0204 | M2 × P0.4 | | | | |
| 470207 | GPWP2-026045 | M2.6 × P0.45 | 4.5 | 4.5 | 5.5 | 60 |
| 470305 | GPWP2-0305 | M3 × P0.5 | | | | |
| 470306 | GPWP2-03506 | M3.5 × P0.6 | 6 | | 6 | 72 |
| 470407 | GPWP2-0407 | M4 × P0.7 | | | | |
| 470508 | GPWP2-0508 | M5 × P0.8 | | 6 | 6 | |
| 470607 | GPWP2-06075 | M6 × P0.75 | 8 | | | 74 |
| 470610 | GPWP2-0610 | M6 × P1.0 | | | | |
| 470710 | GPWP2-0710 | M7 × P1.0 | 10 | | | 86 |
| 470810 | GPWP2-0810 | M8 × P1.0 | | | | |
| 470812 | GPWP2-08125 | M8 × P1.25 | | | 7 | |
| 471010 | GPWP2-1010 | M10 × P1.0 | 12 | | | 92 |
| 471012 | GPWP2-10125 | M10 × P1.25 | | | | |
| 471015 | GPWP2-1015 | M10 × P1.5 | | | | |
| 471210 | GPWP2-1210 | M12 × P1.0 | | 10 | | |
| 471212 | GPWP2-12125 | M12 × P1.25 | | | | |
| 471215 | GPWP2-1215 | M12 × P1.5 | 16 | | 8 | 105 |
| 471217 | GPWP2-12175 | M12 × P1.75 | | | | |
| 471420 | GPWP2-1420 | M14 × 2.0 | | | | |
| 471620 | GPWP2-1620 | M16 × 2.0 | 15 | | 6 | 117 |
| 471825 | GPWP2-1825 | M18 × 2.5 | | | | |
| 472025 | GPWP2-2025 | M20 × 2.5 | 22 | 15 | | 129 |

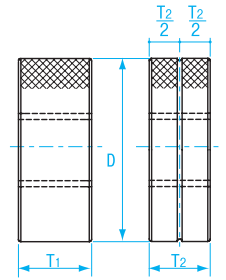
THREAD LIMIT RING GAUGE (OLD JIS FOR MACHINE WORK CLASS 2 / GRWR II)



MATERIAL

- Alloy tool steel

● DIMENSIONS



| Order No. | Model No. | Nominal Size | Outside Diameter D (mm) | T ₁ (mm) | T ₂ (mm) |
|-----------|--------------|--------------|-------------------------|---------------------|---------------------|
| 300204 | GRWR2-0204 | M2 × P0.4 | | | |
| 300207 | GRWR2-026045 | M2.6 × P0.45 | | 3 | 3 |
| 300305 | GRWR2-0305 | M3 × P0.5 | 25 | 4 | |
| 300407 | GRWR2-0407 | M4 × P0.7 | | 6 | 4 |
| 300508 | GRWR2-0508 | M5 × P0.8 | | | |
| 300610 | GRWR2-0610 | M6 × P1.0 | | | |
| 300710 | GRWR2-0710 | M7 × P1.0 | | | |
| 300810 | GRWR2-0810 | M8 × P1.0 | | | |
| 300812 | GRWR2-08125 | M8 × P1.25 | | 8 | 6 |
| 301010 | GRWR2-1010 | M10 × P1.0 | | | |
| 301012 | GRWR2-10125 | M10 × P1.25 | | | |
| 301015 | GRWR2-1015 | M10 × P1.5 | | | |
| 301210 | GRWR2-1210 | M12 × P1.0 | | | |
| 301212 | GRWR2-12125 | M12 × P1.25 | 40 | 10 | 8 |
| 301215 | GRWR2-1215 | M12 × P1.5 | | | |
| 301217 | GRWR2-12175 | M12 × P1.75 | | | |
| 301420 | GPWR2-1420 | M14 × 2.0 | | | |
| 301620 | GRWR2-1620 | M16 × 2.0 | | | |
| 301825 | GRWR2-1825 | M18 × 2.5 | | | |
| 302025 | GRWR2-2025 | M20 × 2.5 | 50 | 15 | 10 |
| | | | | 22 | 15 |

Custom size limit gauges are also available on request



BLOCK GAUGE

PIN GAUGE

PIN VISE

PIN GAUGE ACCESSORIES

RING GAUGE

PLUG GAUGE

LIMIT GAUGE

THICKNESS GAUGE

TAPER GAUGE

WELDING GAUGE

OTHER GAUGES