

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



HOW TO MOVE

GO/NOGO gauge for checking accuracy of thread



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

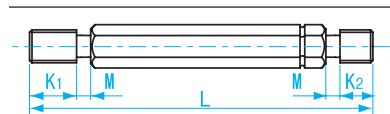
THREAD LIMIT PLUG GAUGE (OLD JIS FOR MACHINE WORK CLASS 2 / GPWP II)



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			72
470407	GPWP2-0407	M4 × P0.7				
470508	GPWP2-0508	M5 × P0.8			6	
470607	GPWP2-06075	M6 × P0.75	8	6		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				
471010	GPWP2-1010	M10 × P1.0	12		7	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	16		8	105
471215	GPWP2-1215	M12 × P1.5				
471217	GPWP2-12175	M12 × P1.75				
471420	GPWP2-1420	M14 × 2.0				
471620	GPWP2-1620	M16 × 2.0	15			117
471825	GPWP2-1825	M18 × 2.5			6	
472025	GPWP2-2025	M20 × 2.5	22	15		129

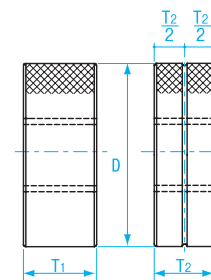
THREAD LIMIT RING GAUGE (OLD JIS FOR MACHINE WORK CLASS 2 / GRWR II)



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	30	8	6
300810	GRWR2-0810	M8 × P1.0			
300812	GRWR2-08125	M8 × P1.25			
301010	GRWR2-1010	M10 × P1.0			
301012	GRWR2-10125	M10 × P1.25			
301015	GRWR2-1015	M10 × P1.5			
301210	GRWR2-1210	M12 × P1.0	40	10	8
301212	GRWR2-12125	M12 × P1.25			
301215	GRWR2-1215	M12 × P1.5			
301217	GRWR2-12175	M12 × P1.75			
301420	GPWR2-1420	M14 × 2.0			
301620	GRWR2-1620	M16 × 2.0	50	15	10
301825	GRWR2-1825	M18 × 2.5			
302025	GRWR2-2025	M20 × 2.5		22	15

Custom size limit gauges are also available on request