

# Thread Gauge Certificate



Measured with IAC MasterScanner

**Measured Objekt:** Thread Plug Gauge, double sided (GO / NOGO)

**Gauge ident - Nr. :** 1602100336  
**Thread size:** M 8.00 X 1.25 - 6H  
**Thread direction:** Right  
**Pitch nominal:** 1.2500  
**Standard :** Metrisch ISO 1502 : 1996-12

**Measuring device:** IAC MasterScanner MSXP 16060  
**Uncertainty:** 2,5µm = 5 x 10<sup>-6</sup> x L  
**Checking location:** QD-Laboratory  
**Reference temp.:** 20 °C  
**Set plug Ø [mm]:** 8.0031

**Date :** 04-02-2019  
**Inspector :** Thomas Birth

## GO - GAUGE

Measured pitches qty.: 3

	Tolerance		Measured values		
	Min	Max	Average Value	Min	Max
Major diameter [mm]	8.0010	8.0230	8.0129	8.0128	8.0129
Minor diameter [mm]	---	6.4664	6.3360	6.3349	6.3372
Pitch diameter new [mm]	7.1945	7.2055	7.2034	7.2033	7.2034
Pitch diameter old [mm]	7.1825	7.2055	7.2034	7.2033	7.2034
Pitch [mm]	1.2450	1.2550	1.2504	1.2500	1.2507
Top angle [°]	59.56	60.44	59.94		
Left angle [°]	29.78	30.22	29.92	29.92	29.92
Right angle [°]	29.78	30.22	30.02	30.02	30.03

## NOGO - GAUGE

Measured pitches qty.: 2

	Tolerance		Measured values		
	Min	Max	Average Value	Min	Max
Major diameter [mm]	7.5925	7.6145	7.6084	7.6075	7.6093
Minor diameter [mm]	---	6.4664	6.4191	6.4190	6.4191
Pitch diameter new [mm]	7.3480	7.3590	7.3534	7.3531	7.3538
Pitch diameter old [mm]	7.3420	7.3590	7.3534	7.3531	7.3538
Pitch [mm]	1.2450	1.2550	1.2498	1.2495	1.2500
Top angle [°]	59.46	60.54	60.02		
Left angle [°]	29.73	30.27	29.95	29.93	29.96
Right angle [°]	29.73	30.27	30.07	30.06	30.08

**Measurement result GO-Gauge:** The gauge is according to the specifications OK

**Measurement result NOGO-Gauge:** The gauge is according to the specifications OK

**Comments regarding visual check:** None (Visual check is OK)