

Metric Thread Plug Gauge Set

These precision-engineered metric thread plug gauges verify internal thread dimensions. Each gauge set includes both 'Go' and 'No-Go' gauges to ensure accurate thread inspection.



Product Overview

Precision Thread Inspection

This metric thread plug gauge set is engineered for high-precision verification of internal thread dimensions according to the DIN ISO 1502 standard. Utilizing advanced vacuum hardening and cryogenic treatment, these gauges achieve superior hardness and wear resistance, significantly extending their operational service life. Each set comes complete with a calibration certificate, ensuring reliable quality control for manufacturing processes involving threaded components.

Technical Specifications

Standard	DIN ISO 1502
Hardness	58-62 HRC
Treatment Methods	Vacuum Hardening, Cryogenic Treatment

Quality & Certification

Included Documentation

Calibration Certificate

Inspection Metrics

Parameter	Measured Value (Typical)
Basic Major Diameter	16.3136 mm
Basic Minor Diameter	13.7987 mm
Pitch	1.9998 mm
Flank Angle	29° 56' 29"