



engineering art in dimensional metrology



Product Catalogue Ver 1.0

Air Plug Gauge

Air Plug Gauge



We offer Air Plug Gauges for quick and easy checking of bore size - Through bore, Blind bore, Stepped bore, taper & Ovality.

 3mm to 150mm in steel
8mm to 60mm in carbide

 Metric & Imperial

 Customisation available

 Carbide | Steel

Specifications

Product Information

- KCP Air Plug Gauges are provided with pair of Master Setting Ring (higher & lower).
- Adjustable depth collar can be provided for checking specific height.
- Offered with 2, 3 & 4 measuring jets as per requirement.
- Also offered to suit different makes, as per requirement.

Technical Specifications



KCP Air Gauges

KCP Air Gauges are indispensable tool for precision batch and mass production. As tolerances have gotten tighter on the shop floor, air gauging is often the only way to make the check fast and easy for the operator. Air gauge system is a non-contact gauging system and thereby it has longer life due to minimal frictional wear. Two setting masters ensure linearity online as well as magnification.

KCP offers a wide range of Air gauging with provision of 2 jets, 3 jets & 4 jets configurations to air probes making it best suitable for internal as well as external dimensions, average diameter, taper, ovality & face run-out. Air gauges are also suitable for checking relative dimension such as flatness, parallelism, center distance, squareness & concentricity.

Features of KCP Air Plug Gauges

- Very high accuracy i.e. end of assumptions
- No subjectivity
- Repeatability
- Ease of operation
- Self cleaning ability &
- Very fast response time

Material	Range		L1		L2	
	From	To	Through hole	Blind hole	Through hole	Blind hole
Steel	ø3	8	30	30	9	4
	ø8	Φ15	40	30	13	4
	Φ15	Φ150	40	30	13	5.5
Carbide	ø8	Φ15	30	30	13	4
	Φ15	Φ60	30	30	13	5.5

* All figures in mm



Certificate No. : C-0432

KCP Air Plug Gauge is supplied with Calibration Certificate issued from its accredited calibration lab.

precision begins here...



K C Precision

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