



engineering art in dimensional metrology



Product Catalogue Ver 1.0

Air Ring Gauge

Air Ring Gauge



Our Air Ring Gauges are supplied in several styles for external measuring. Two and three jet rings are most common, used for checking outside diameters for sizes out of round conditions.

 4mm to 100mm in steel
4mm to 60mm in carbide

 Metric & Imperial

 Customisation available

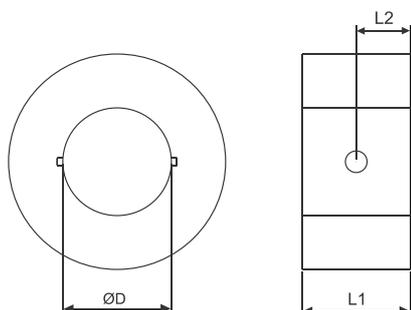
 Carbide | Steel

Specifications

Product Information

- KCP Air Ring Gauges are provided with pair of Master Setting Plug (higher & lower).
- 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 Ring Gauge

- 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	Φ4	Φ35	20	20	10	5
	Φ35	100	25	25	12.5	5
Carbide	Φ4	Φ8	20	20	10	4
	Φ8	Φ60	20	20	10	5

* All figures in mm



Certificate No. : C-0432

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

precision begins here...



K C Precision

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