

3 WIRE UNIT

Product Code : C100400..



Features

- Available for micrometer with 6.35, 6.50 and 8.0 mm spindle diameters.
- Available in single pair or in complete set.
- Each 3-wire unit set consists of two holders.
- Wires are mounted on the holder to enable easy positioning over the thread during measurement.
- Wires are hardened, ground and lapped.
- Each set consists of 18 assorted sizes of wires.



Technical Information

Available for micrometer with 6.35, 6.50 and 8.0 mm spindle diameters.

Formula to obtain the pitch diameter E*

$$E = M - 3d + 0.866025P$$

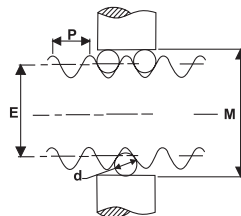
E = Pitch Diameter

P = Screw Thread Pitch

d = Diameter of the wire

M = Measurement over the wire

* For Metric and UNF Screws



Range	Accuracy Diametrical Tolerance	Hardness	Sizes
0.25 -5.0mm Pitch threads	±0.5µm	700 Hv	0.170mm, 0.195mm, 0.220mm, 0.250mm, 0.290mm, 0.335mm, 0.390mm, 0.455mm, 0.530mm, 0.620mm, 0.725mm, 0.895mm, 1.100mm, 1.350mm, 1.650mm, 2.050mm,

Applications

Measurement of the pitch diameter of screw threads using standard micrometer.

DEPTH MICROCHECKER

Product Code : C1105010..



Features

- The gauge blocks are set in a rugged cast iron housing at increments of 25mm to enable accurate resetting of the micrometer
- All gauge blocks are made of Alloy Steel hardened and sub-zero treated for dimensional stability.
- A hardened, ground and lapped steel gauge block of 25mm is provided with the instrument, which serves as reference point for the calibration of depth micrometers at different heights.

Technical Specifications

Specifications	Model DM -150	Model DM - 300
Measuring Range	0-150 mm/6"	0-300 mm/12"
Graduations	25 mm/1"	25 mm/1"
Parallelism of Gauge Blocks	0.0015mm	0.0015 mm
Reference Block	25 mm/1" ± 0.5 µm	25 mm/1" ± 0.5 µm
Overall Accuracy	±0.002 mm/0.00008"	±0.003 mm/0.00012"

Applications

Calibration and Zero setting of Depth Micrometers