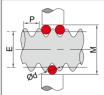
## 3-WIRES





- Used with standard outside micrometers with spindle Ø6.35mm or Ø6.50mm to measure pitch diameter of screw threads
- Diameter accuracy: ±0.5µm
- Cylindricity: 1µm ■ Hardness: HRC60
- Supplied with manufacturer inspection certificate



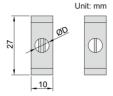
## Formula of pitch diameter E

E=M-3d+0.866025P

**M**=measured value of the micrometer d=diameter of the pin gage (choose diameter of pin gage according to pitch: d=0.577P) **P**=screw thread pitch

The formula is suitable for 60° screw





## For outside micrometers with spindle Ø6.35mm (ØD)

Code	Pin gage diameter (Ød)	Applicable pitch
7382-11	0.170mm	0.25mm
7382-12	0.195mm	0.35mm
7382-13	0.220mm	0.35mm
7382-14	0.250mm	0.4mm
7382-15	0.290mm	0.45mm, 0.5mm
7382-16	0.335mm	0.6mm
7382-17	0.390mm	0.7mm
7382-18	0.455mm	0.7mm, 0.75mm, 0.8mm
7382-19	0.530mm	0.9mm
7382-110	0.620mm	1mm
7382-111	0.725mm	1.25mm
7382-112	0.895mm	1.5mm
7382-113	1.100mm	1.75mm
7382-114	1.350mm	2mm
7382-115	1.650mm	2.5mm
7382-116	2.050mm	3mm, 3.5mm
7382-117	2.550mm	4mm, 4.5mm
7382-118	3.200mm	5mm, 5.5mm
7382-1S	18 pairs/set, including all above 3-wires	

## For outside micrometers with spindle Ø6.50mm (ØD)

Code	Pin gage diameter (Ød)	Applicable pitch
7382-21	0.170mm	0.25mm
7382-22	0.195mm	0.35mm
7382-23	0.220mm	0.35mm
7382-24	0.250mm	0.4mm
7382-25	0.290mm	0.45mm, 0.5mm
7382-26	0.335mm	0.6mm
7382-27	0.390mm	0.7mm
7382-28	0.455mm	0.7mm, 0.75mm, 0.8mm
7382-29	0.530mm	0.9mm
7382-210	0.620mm	1mm
7382-211	0.725mm	1.25mm
7382-212	0.895mm	1.5mm
7382-213	1.100mm	1.75mm
7382-214	1.350mm	2mm
7382-215	1.650mm	2.5mm
7382-216	2.050mm	3mm, 3.5mm
7382-217	2.550mm	4mm, 4.5mm
7382-218	3.200mm	5mm, 5.5mm
7382-2S	18 pairs/set, including all above 3-wires	