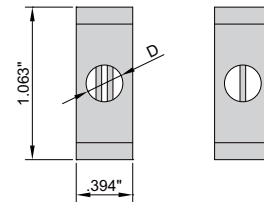


3-WIRES



7382-19

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



- Used with standard outside micrometers with spindle .25"DIA or .256"DIA to measure pitch diameter of screw threads
- Diameter accuracy: $\pm 20\mu\text{in}$
- Cylindricity: $39\mu\text{in}$
- Hardness: HRC60
- Supplied with manufacturer inspection certificate

For outside micrometers with spindle .25"DIA (D)

Part No.	Pin gage diameter (d)	Applicable Pitch	
		Metric	TPI
7382-11	.0067"/0.170mm	0.25mm	95, 90
7382-12	.0077"/0.195mm	0.35mm	80, 72
7382-13	.0087"/0.220mm	0.35mm	64
7382-14	.0098"/0.250mm	0.4mm	56
7382-15	.0114"/0.290mm	0.45mm, 0.5mm	50, 48
7382-16	.0132"/0.335mm	0.6mm	44
7382-17	.0154"/0.390mm	0.7mm	40, 36
7382-18	.0179"/0.455mm	0.7mm, 0.75mm, 0.8mm	32
7382-19	.0209"/0.530mm	0.9mm	30, 28, 27
7382-110	.0244"/0.620mm	1mm	26, 24
7382-111	.0285"/0.725mm	1.25mm	22, 20
7382-112	.0352"/0.895mm	1.5mm	18, 16
7382-113	.0433"/1.100mm	1.75mm	14, 13
7382-114	.0531"/1.350mm	2mm	12, 11.5, 11
7382-115	.0650"/1.650mm	2.5mm	10, 9
7382-116	.0807"/2.050mm	3mm, 3.5mm	8, 7.5, 7
7382-117	.1004"/2.550mm	4mm, 4.5mm	6
7382-118	.1260"/3.200mm	5mm, 5.5mm	5.5, 5
7382-1S	18 pairs/set, including all above 3-wires		

For outside micrometers with spindle .256"DIA (D)

Part No.	Pin gage diameter (d)	Applicable Pitch	
		Metric	TPI
7382-21	.0067"/0.170mm	0.25mm	95, 90
7382-22	.0077"/0.195mm	0.35mm	80, 72
7382-23	.0087"/0.220mm	0.35mm	64
7382-24	.0098"/0.250mm	0.4mm	56
7382-25	.0114"/0.290mm	0.45mm, 0.5mm	50, 48
7382-26	.0132"/0.335mm	0.6mm	44
7382-27	.0154"/0.390mm	0.7mm	40, 36
7382-28	.0179"/0.455mm	0.7mm, 0.75mm, 0.8mm	32
7382-29	.0209"/0.530mm	0.9mm	30, 28, 27
7382-210	.0244"/0.620mm	1mm	26, 24
7382-211	.0285"/0.725mm	1.25mm	22, 20
7382-212	.0352"/0.895mm	1.5mm	18, 16
7382-213	.0433"/1.100mm	1.75mm	14, 13
7382-214	.0531"/1.350mm	2mm	12, 11.5, 11
7382-215	.0650"/1.650mm	2.5mm	10, 9
7382-216	.0807"/2.050mm	3mm, 3.5mm	8, 7.5, 7
7382-217	.1004"/2.550mm	4mm, 4.5mm	6
7382-218	.1260"/3.200mm	5mm, 5.5mm	5.5, 5
7382-2S	18 pairs/set, including all above 3-wires		