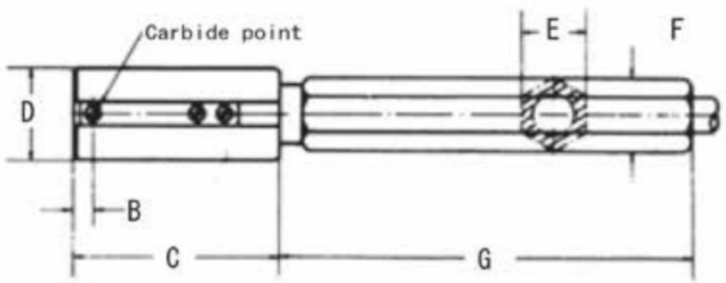
Nidec

Measuring Quality

PKB Inside Diameter Air Probe

PKB Inside Diameter Air Probe The PKB style air probe sensor is specifically designed for use on objects with rough surface measurements. Typical non-contact air gauge micrometers will sense every imperfection in a rough surface, providing inaccurate readings of the actual ID to be measured. The PKB with its spring-loaded, floating style contact point will act as an air regulator corresponding to the rough grooves and negate the valleys that would normally be sensed. If the roughness of the object is greater than 6S (Ry 6.3S) the PKB style is the ideal solution provided the peaks and valleys are less than 4mm (0.157") wide. The carbide spring-loaded floating point is located at the tip of the measurement head.



Sensor Probe Dimensions

Size D	B	C	E	F	G
6 to 11.5 mm	4	28	12	13.9	90
11.5 to 14 mm	4	45	12	13.9	90
14 to 24 mm	4	45	14	16.2	90
24 to 40 mm	4	45	17	19.6	90
40 to 50 mm	4	50	21	24.3	110
50 to 65 mm	4	50	21	24.3	110
65 to 100 mm	4	50	26	30.0	110

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