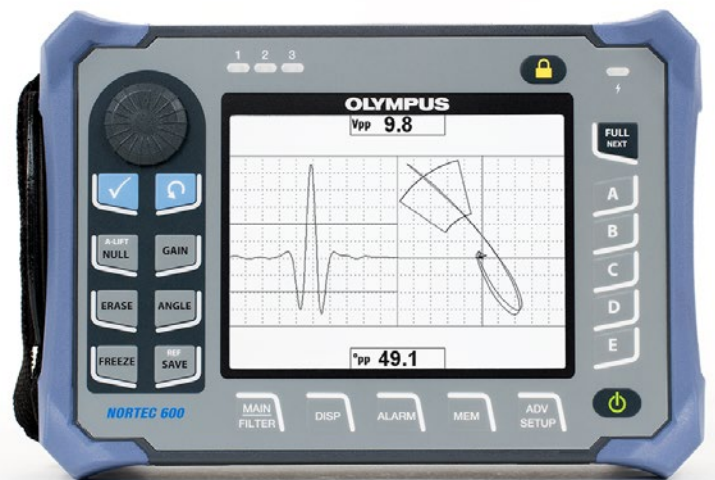# Industrial

Manual Bolthole Probes

EVIDENT

Introduction to Manual Bolthole Probes

Manual bolthole probes are used for manual inspection of bolt holes. These probes have coils that are positioned at right angles to the probe's shaft length. The probes are rotated by hand inside the bolt hole with the fastener removed. Standard (fractional and metric) and custom probe diameters are available.

Manual bolthole probes are available in an absolute (single coil) configuration with a Microdot connector or in a bridge or bridge absolute configuration using a Triax Fischer/LEMO connector.
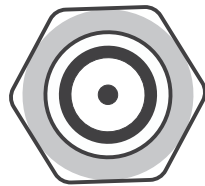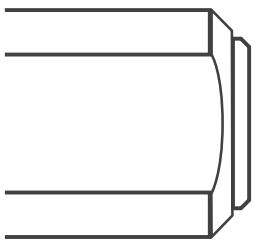
Specifications

- Plastic manual expanding probes with a split tip
- Connectors: Microdot (absolute coil configuration) and Triax Fischer/LEMO (bridge or bridge absolute coil configuration)
- Frequencies: 50–500 kHz (standard) and 200 kHz–1 MHz (upon request)
- Probe working length (WL):
  - Size range of 8–15 in. with a 1.1 in. WL
  - Size range of 16 in. and above with a 2 in. WL

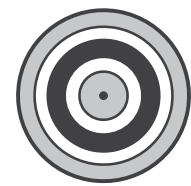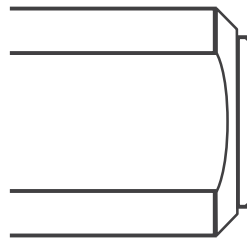| Probe Diameter		Microdot Connector	Triax Fischer/LEMO Connector
in.	mm	Shielded coil	Shielded coil
0.156	3.96	BPMF-10 (U8600039)	BPMF-10-TF (U8600041)
0.187	4.75	BPMF-12 (U8600043)	BPMF-12-TF (U8600218)
0.218	5.54	BPMF-14 (U8600048)	N/A
0.25	6.35	BPMF-16 (U8600049]	BPMF-16-TF (U8600050)
0.281	7.14	BPMF-18 (U8600051)	N/A
0.312	7.92	BPMF-20 (U8600052)	BPMF-20-TF (U8600053)
0.343	8.71	BPMF-22 (U8600054)	N/A
0.375	9.53	BPMF-24 (U8600057)	BPMF-24-TF (U8600058)
0.406	10.31	BPMF-26 (U8600059)	N/A
0.437	11.1	BPMF-28 (U8600060)	BPMF-28-TF (U8600061)
0.468	11.89	BPMF-30 (U8600523)	N/A
0.5	12.7	BPMF-32 (U8600062)	BPMF-32-TF (U8600063)
0.531	13.49	BPMF-34 (U8600064)	N/A
0.562	14.27	BPMF-36 (U8600066)	BPMF-36-TF (U8600067)

Cables and Connectors

Cables for NORTEC 600 Series Flaw Detectors	
Microdot	9102894.00 (U8800041)
Triax Fischer/LEMO	9122244.00 (U8800091)
Teflon Tape (1/4 in.)	3303965 (U8901365)

Microdot

Triax Fischer/LEMO

How to Order

For pricing or additional information, contact your local sales representative or reach out to us online at EvidentScientific.com.