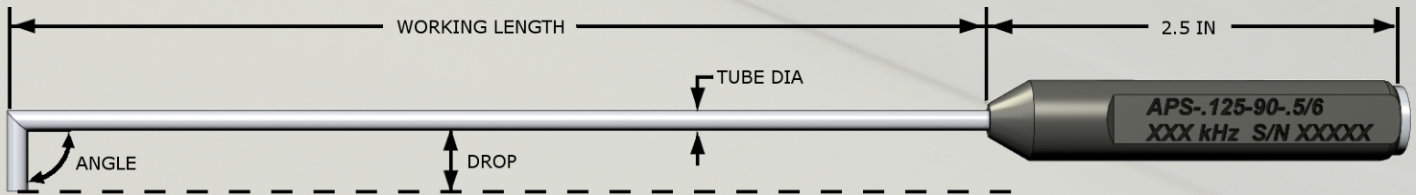


Standard Probes

Angled Pencil Probes

Angled Pencil Probes are used for surface inspection in limited access areas. They are available in a variety of working lengths, tip angles and drops.

Angled Pencil Probes are available in bridge or reflection configurations in either absolute or differential modes. Shielded or unshielded coils are available in several frequency ranges.



A Coil Type	B Tube ϕ inches (mm)	C Angle - deg		D Drop inches (mm)			E Working Length inches (mm)				F Frequency		
		45°	90°	.10 (2.5)	.25 (6.4)	.50 (12.7)	3 (76)	4 (102)	5 (127)	6 (152)	100 kHz (100-500 kHz)	500 kHz (500 kHz - 1 MHz)	2 MHz (1 - 3 MHz)
Bridge	.125 (3.2)	45°	90°	.10 (2.5)	.25 (6.4)	.50 (12.7)	3 (76)	4 (102)	5 (127)	6 (152)	100 kHz (100-500 kHz)	500 kHz (500 kHz - 1 MHz)	2 MHz (1 - 3 MHz)
AP - (Absolute Unshielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
APS - (Absolute Shielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
APD - (Differential Unshielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
APDS - (Differential Shielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

All bridge configurations are fitted with Triax connectors.

A Coil Type	B Tube ϕ inches (mm)	C Angle - deg		D Drop inches (mm)			E Working Length inches (mm)				F Frequency	
		45°	90°	.10 (2.5)	.25 (6.4)	.50 (12.7)	3 (76)	4 (102)	5 (127)	6 (152)	500 kHz (100 kHz - 1 MHz)	2 MHz (1 - 3 MHz)
Reflection	.125 (3.2)	45°	90°	.10 (2.5)	.25 (6.4)	.50 (12.7)	3 (76)	4 (102)	5 (127)	6 (152)	500 kHz (100 kHz - 1 MHz)	2 MHz (1 - 3 MHz)
APSR - (Absolute Shielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
APDSR - (Differential Shielded)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

All reflection configurations are fitted with 4-socket Fischer connectors.

EXAMPLES:

APS-.125-90-.5/6 500 kHz is a bridge probe, .125 tube diameter, 90 deg angle, 1/2 inch drop, 6 inch working length, absolute shielded coil at 500 kHz

APDSR-.125-45-.25/3 2 MHz is a differential shielded reflection probe, .125 tube diameter, 45 deg angle, 1/4 inch drop, three inch working length, 2 MHz

CABLES:

P/N 92836 for bridge probes, 8-pin Burndy/Triax
 P/N 94032 for reflection probes, 8-pin Burndy/4-pin Fischer
 P/N 72871 for bridge, 27-pin Fischer/Triax
 P/N 72872 for reflection, 27-pin/4-pin Fischer

