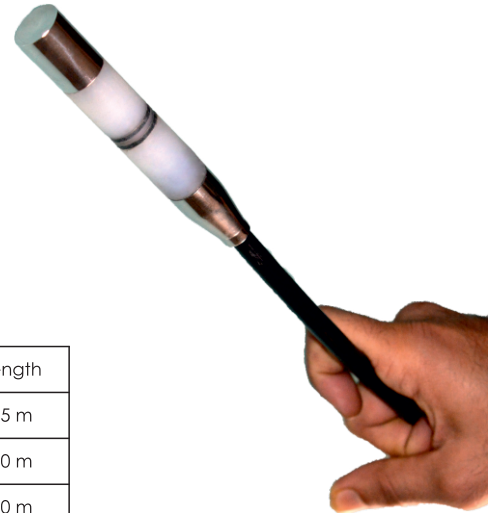


ECT Bobbin Probes & Calibration Tubes

Eddy current probes are based on non contacting sensor technology which have light synthetic polymer body and stainless steel wear resistance guiders for ease operation. ECT Probes can detect and unable you to size defects like erosion, buffle cuts, cracking, pitting and wall loss in only non ferromagnetic material. This probes comes with highly strong cable which is ideal for manual pushful operation.

Salient Features

- Available in multiple frequencies
- Coils are potted by a wear resistant material
- Stainless wear guides for at front & rear ends
- Light weight advance polymer kink-resistant cable
- Probes available from 12.6 to 47.6 mm
- Cable length available in 15, 20 & 30 metres



ABP-XXX-YY-NZZ

CODE	Dia. (mm)	Freq.(KHz)	Min.	Max.	Central	CODE	Length
144	14.4	UF	1	10	5	15	15 m
250	25.0	LF	10	100	50	20	20 m
...	...	MF	50	500	250	30	30 m
476	47.6	HF	100	1000	500		

Probe Diameters

Tube wall thickness			Tube outside diameter						
BWG	MM	In	15.87 mm	19.05 mm	22.22 mm	25.4 mm	31.75 mm	38.1 mm	50.8 mm
			0.625 in	0.75 in	0.875 in	1 in	1.25 in	1.5 in	2 in
24	0.56	0.022	140	168	200	228	290	352	476
23	0.65	0.025	136	168	200	228	288	350	474
22	0.71	0.028	134	166	196	228	288	348	474
21	0.81	0.032	134	162	194	224	286	346	472
20	0.89	0.035	132	162	192	224	284	346	470
19	1.07	0.042	126	162	188	220	280	342	466
18	1.24	0.049	126	156	186	216	278	338	462
17	1.47	0.058	NA	152	182	212	274	334	458
16	1.65	0.065	NA	148	180	208	270	330	454
15	1.83	0.072	NA	144	174	204	266	328	452
14	2.11	0.083	NA	140	170	200	260	322	446
13	2.41	0.095	NA	134	162	194	256	316	440
12	2.77	0.109	NA	126	156	188	248	310	432
11	3.05	0.12	NA	NA	152	182	242	304	426
10	3.4	0.134	NA	NA	144	176	236	298	420

Probe Frequencies

Tube wall thickness			Material														
			Aluminium	Aluminium Bronze	Brass (admiralty)	Brass (70/30)	Brass (85/15)	Brass (95/5)	Copper	Copper Nickel (70/30)	Copper Nickel (90/10)	Copper Nickel (95/5)	INCONEL 600	Stainless Steel 304/316	Titanium 99%	Zirconium	
BWG	mm	in															
24	0.56	0.022	LF	MF	LF	LF	LF	LF	LF	LF	HF	MF	MF	HF	HF	HF	HF
23	0.65	0.025	LF	MF	LF	LF	LF	LF	LF	LF	MF	MF	MF	HF	HF	HF	MF
22	0.71	0.028	LF	LF	LF	LF	LF	LF	LF	LF	MF	MF	LF	HF	HF	MF	MF
21	0.81	0.032	LF	LF	LF	LF	LF	LF	UF	MF	MF	LF	HF	HF	MF	MF	
20	0.89	0.035	LF	LF	LF	LF	LF	LF	UF	MF	LF	LF	HF	MF	MF	MF	
19	1.07	0.042	UF	LF	LF	LF	LF	UF	UF	MF	LF	LF	MF	MF	MF	MF	
18	1.24	0.049	UF	LF	LF	LF	UF	UF	UF	LF	LF	LF	MF	MF	MF	MF	
17	1.47	0.058	UF	LF	UF	UF	UF	UF	UF	LF	LF	LF	MF	MF	LF	LF	
16	1.65	0.065	UF	LF	UF	UF	UF	UF	UF	LF	LF	LF	MF	MF	LF	LF	
15	1.83	0.072	UF	LF	UF	UF	UF	UF	UF	LF	LF	LF	MF	LF	LF	LF	
14	2.11	0.083	UF	UF	UF	UF	UF	UF	UF	LF	LF	UF	LF	LF	LF	LF	
13	2.41	0.095	UF	UF	UF	UF	UF	UF	UF	LF	UF	UF	LF	LF	LF	LF	
12	2.77	0.109	UF	UF	UF	UF	UF	UF	UF	LF	UF	UF	LF	LF	LF	LF	
11	3.05	0.12	UF	UF	UF	UF	UF	UF	UF	LF	UF	UF	LF	LF	LF	LF	
10	3.4	0.134	UF	UF	UF	UF	UF	UF	UF	UF	UF	UF	LF	LF	LF	LF	

ATPL Leaflet ECT Probe and Tubes 2024/03 Rev. 00

Calibration Tubes

Apart from ECT Bobbin probes we also offer calibration tubes in almost all materials & dimensions as per ASME Sec. V Article 8



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