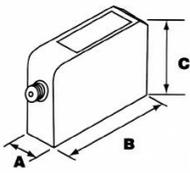


Angle Beam Transducers

Potted Angle Beam Transducers

Miniature and Micro-miniature Potted Angle Beam Transducers are designed for angle beam inspection in limited access areas. Both series have durable plastic housings to insure against scratching of critical materials. All transducers are supplied with either side-mounted or top-mounted microdot connectors. Micro-miniature Potted Angle Beam Transducers are designed for small approach distances and for limited access testing.



SIZE INCHES (mm)	A	B	C
0.25 x 0.25 (6.35 x 6.35)	0.34 (8.636)	0.75 (19.05)	0.55 (13.97)
0.375 x 0.375 (9.525 x 9.525)	0.48 (12.192)	0.94 (23.876)	0.80 (20.32)
0.50 x 0.50 (12.70 x 12.70)	0.60 (15.24)	1.25 (31.75)	0.90 (22.86)

REFRACTED ANGLE	SIZE INCHES (mm)			
	0.187 (4.75)	0.25 (6.35)	0.375 (9.52)	0.50 (12.7)
FREQUENCY: 2.25MHz				
45°	AP0214	AP0224	AP0234	AP0244
60°	AP0216	AP0226	AP0236	AP0246
70°	AP0217	AP0227	AP0237	AP0247
90°	AP0219	AP0229	AP0239	AP0249
FREQUENCY: 5.0MHz				
45°	AP0514	AP0524	AP0534	AP0544
60°	AP0516	AP0526	AP0536	AP0546
70°	AP0517	AP0527	AP0537	AP0547
90°	AP0519	AP0529	AP0539	AP0549
FREQUENCY: 10.0MHz				
45°	AP1014	AP1024	AP1034	AP1044
60°	AP1016	AP1026	AP1036	AP1046
70°	AP1017	AP1027	AP1037	AP1047
90°	AP1019	AP1029	AP1039	AP1049

Threaded Angle Beam Transducers

Threaded Angle Beam Transducers are miniature screw-in type transducers and wedges that are designed to allow a quick-change option.

DIAMETER INCHES (mm)	A	B	THREAD SIZE INCHES (mm)
0.25 x 0.25 (6.35 x 6.35)	0.48 (12.192)	0.55 (13.97)	0.375 -32 UNEF (9.525)
0.375 x 0.375 (9.525 x 9.525)	0.58 (14.732)	0.59 (14.986)	0.50 -28 UNEF (12.70)
0.50 x 0.50 (12.70 x 12.70)	0.70 (17.78)	0.625 (15.875)	0.625 -24 UNEF (15.875)



FREQUENCY (MHz)	DIAMETER INCHES (mm)		
	0.25 (6.35)	0.375 (9.525)	0.5 (12.7)
1.0	AT012	AT013	AT014
2.25	AT022	AT023	AT024
3.5	AT032	AT033	AT034
5.0	AT052	AT053	AT054
7.5	AT072	AT073	AT074
10.00	AT102	AT103	AT104

Threaded Angle Beam Wedges

The wedges are designed with a special sound absorbent material for minimum internal reflection. In addition, careful consideration has been given to minimize the index to crown distance.



SIZE INCHES (mm)		
0.25 (6.35)	0.375 (9.525)	0.5 (12.7)
WT23	WT33	WT43
WT24	WT34	WT44
WT26	WT36	WT46
WT27	WT37	WT47
WT29	WT39	WT49