



MSG, PMS & MW Wedge

Features

- Rectangular, Lead metaniobate crystal
- High damped for wide bandwidth (PMS)
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- Attached by screws to MW wedges

Wedge Features

- Wedge beam shearwave contact probe
- Rectangular, lead zirconate titanate crystal. Damped for bandwidth
- Attached by screws to MKSR and PMS transducers. 1-64 threaded holes
- Axial and circumferential ID or OD profiling available

Frequent Applications

- Ceramics
- Critical Welds
- Forgings
- General Welds
- Tube & Pipe

Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (inches)
MSG (Resolution)			
MSG2525	2.25MHz 1/4" Mini SW MICRODOT	2.25	1/4
MSG3725	2.25MHz 3/8" Mini SW MICRODOT	2.25	3/8
MSG5025	2.25MHz 1/2" Mini SW MICRODOT	2.25	1/2
MSG2550	5MHz 1/4" Mini SW MICRODOT	5	1/4
MSG3750	5MHz 3/8" Mini SW MICRODOT	5	3/8
MSG5050	5MHz 1/2" Mini SW MICRODOT	5	1/2
MSG2510	10MHz 1/4" Mini SW MICRODOT	10	1/4
MSG3710	10MHz 3/8" Mini SW MICRODOT	10	3/8
MSG5010	10MHz 1/2" Mini SW MICRODOT	10	1/2
PMS (Platinum)			
PMS2525	2.25MHz 1/4" Mini SW MICRODOT	2.25	1/4
PMS3725	2.25MHz 3/8" Mini SW MICRODOT	2.25	3/8
PMS5025	2.25MHz 1/2" Mini SW MICRODOT	2.25	1/2
PMS2550	5MHz 1/4" Mini SW MICRODOT	5	1/4
PMS3750	5MHz 3/8" Mini SW MICRODOT	5	3/8
PMS5050	5MHz 1/2" Mini SW MICRODOT	5	1/2
PMS2510	10MHz 1/4" Mini SW MICRODOT	10	1/4
PMS3710	10MHz 3/8" Mini SW MICRODOT	10	3/8
PMS5010	10MHz 1/2" Mini SW MICRODOT	10	1/2

Wedge Models

Product Code	Description	Wedge Dimensions				
		θ (°)	Ø (")	A (")	B (")	C (")
MW2545	45° wedge for 1/4" Probe	45	1/4	0.5	0.7	0.4
MW2560	60° wedge for 1/4" Probe	60	1/4	0.5	0.8	0.4
MW2570	70° wedge for 1/4" Probe	70	1/4	0.5	0.87	0.43
MW3745	45° wedge for 3/8" Probe	45	3/8	0.6	1	0.5
MW3760	60° wedge for 3/8" Probe	60	3/8	0.6	0.9	0.5
MW3770	70° wedge for 3/8" Probe	70	3/8	0.62	1.2	0.62
MW5045	45° wedge for 1/2" Probe	45	1/2	0.9	1	0.5
MW5060	60° wedge for 1/2" Probe	60	1/2	0.8	1.1	0.6
MW5070	70° wedge for 1/2" Probe	70	1/2	0.88	1.2	0.62

Size Options				Connector	
Probe Size	Case Dimensions			Type	Position
Ø (inches)	A (mm)	B (mm)	C (mm)	Microdot (D)	Top
1/4	13	14	10	x	x
3/8	16	14	13	x	x
1/2	19	14	16	x	x