

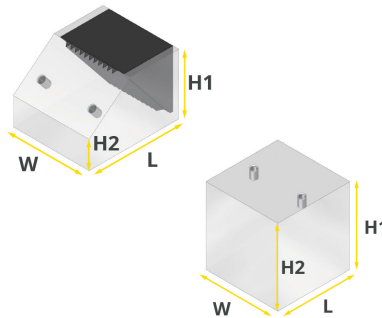
Phased Array Transducers

X5 Series - Deep Penetration (AWS & High Temperature)

These high energy probes are intended to provide fairly deep penetration of ultrasounds into attenuative materials or parts of large dimension like casting and forging inspection solutions. These are also compatible with the standard Sonatest shearwave wedges including the “AWS Snail” and the high temperature versions (SW62 & SNW62 range).

Frequent Applications

- Structural component (large pins)
- Shaft
- Casting, bars & billets
- Critical large weld inspection



Standard

- Quick I-PEX Connector (QX)
- Quick I-PEX Bracket
- 2.5m Cable
- Other cable lengths upon request

Probe Models

Part Number	Probe Description	Frequency	Number Elements	Elevation	Element Pitch	Aperture	External Dimensions		
							L	W	H
		F		E	P	L	L	W	H
		(MHz)	Qty	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
X5A-001	X5A-2.25M16E-1x16-SQX2.5	2.25	16	16	1	16	23	45	20
X5A-002	X5A-5M16E-1x16-SQX2.5	5	16	16	1	16	23	45	20
X5A-003	X5A-2.25M16EHF-1x16-SQX2.5	2.25	16 (Hard-Face)	16	1	16	23	45	20
X5A-004	X5A-5M16EHF-1x16-SQX2.5	5	16 (Hard-Face)	16	1	16	23	45	20

Wedge Models

Part Number	Wedge Description	Wave Type	Angle Steel	Cut Angle	Delay Line	Length (L)	Width (W)	Front Height (H1)	Back Height (H2)
X5AW-001	X5AW-0L40	L	0	0	40	38.0	38.0	40.0	40.0
X5AW-002	X5AW-N60S	S	60	39	0	45.0	38.0	30.2	13.6
X5AW-003	X5AW-N60L	L	60	20	0	45.0	38.0	33	21