



Sonatest

Inspect with confidence

TRANSDUCER CATALOGUE



SMA

Small, Angle Beam Shear Wave Transducers

ANGLE BEAMS

Features

- Single angle beam shear wave contact transducer
- Rectangular, lead zirconate titanate crystal
- Max operating temperature 50°C / 120°F
- High temperature option available
- Medium damped for medium bandwidth

Common Applications

- General Welds
- Tube & Pipe
- Forgings



Transducer Models					
Product Code	Description	Angle in Steel (°)	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
SMA2-45	Single Shear 2Mhz 45°	45	2	8 x 9mm / 0.315 x 0.354"	12.5mm / 0.492"
SMA2-60	Single Shear 2Mhz 60°	60	2	8 x 9mm / 0.315 x 0.354"	12.5mm / 0.492"
SMA2-70	Single Shear 2Mhz 70°	70	2	8 x 9mm / 0.315 x 0.354"	12.5mm / 0.492"
SMA4-45	Single Shear 4Mhz 45°	45	4	8 x 9mm / 0.315 x 0.354"	25.1mm / 0.988"
SMA4-60	Single Shear 4Mhz 60°	60	4	8 x 9mm / 0.315 x 0.354"	25.1mm / 0.988"
SMA4-70	Single Shear 4Mhz 70°	70	4	8 x 9mm / 0.315 x 0.354"	25.1mm / 0.988"

Case Dimensions and Details				
Width/Diameter (mm / Inches)	Height (mm / Inches)	Length (mm / Inches)	Connector Options	Position Options
14mm / 0.551"	22mm / 0.866"	24mm / 0.945"	Z D S	Side



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Leading Ultrasonics