



Sonatest

Inspect with confidence

TRANSDUCER CATALOGUE



LMA

Large, 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
- Castings

Transducer Models					
Product Code	Description	Angle in Steel (°)	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
LMA2-45	Single Shear 2MHz 45°	45	2	20 x 22mm / 0.787 x 0.866"	74.9mm / 2.949"
LMA2-60	Single Shear 2MHz 60°	60	2	20 x 22mm / 0.787 x 0.866"	74.9mm / 2.949"
LMA2-70	Single Shear 2MHz 70°	70	2	20 x 22mm / 0.787 x 0.866"	74.9mm / 2.949"
LMA4-45	Single Shear 4MHz 45°	45	4	20 x 22mm / 0.787 x 0.866"	149.8mm / 5.898"
LMA4-60	Single Shear 4MHz 60°	60	4	20 x 22mm / 0.787 x 0.866"	149.8mm / 5.898"
LMA4-70	Single Shear 4MHz 70°	70	4	20 x 22mm / 0.787 x 0.866"	149.8mm / 5.898"

Case Dimensions and Details				
Width/Diameter (mm / Inches)	Height (mm / Inches)	Length (mm)	Connector Options	Position Options
29mm / 1.142"	44mm / 1.732"	54mm / 2.126"	Z D S	Side



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Leading Ultrasonics