



Sonatest

Inspect with confidence

TRANSDUCER CATALOGUE



STARC

Single Crystal Compression Transducers

Features

- Single normal beam compression wave contact transducers
- Circular, lead zirconate titanate crystal
- Max operating temperature 50°C / 120°F
- High temperature option available
- Ceramic faced for prolonged service life

Common Applications

- Castings
- Forgings
- Composites
- Thickness inspection



Transducer Models				
Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
STARC2-10	Single Crystal Ø10mm 2Mz	2	10mm / 0.394"	8.4mm / 0.331"
STARC2-20	Single Crystal Ø20mm 2Mz	2	20mm / 0.787"	33.6mm / 1.323"
STARC4-10	Single Crystal Ø10mm 4Mz	4	10mm / 0.394"	16.8mm / 0.661"
STARC4-20	Single Crystal Ø20mm 4Mz	4	20mm / 0.787"	67.1mm / 2.642"

Case Dimensions and Details				
Transducer Version Crystal size	Width/Diameter (mm / Inches)	Height (mm / Inches)	Connector Options	Position Options
10mm / 0.394"	20mm / 0.787"	30mm / 1.181"	Z S	Side
20mm / 0.787"	30mm / 1.181"	30mm / 1.181"	Z S	Side



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Leading Ultrasonics