



TSTARC

Features

- Twin Perspex delay contact probes
- Lead Zirconate Titanate crystal
- 2 MHz and 4 MHz variants, 10 mm and 20 mm diameter crystal
- Available with Lemo 00 and Subvis connectors

Frequent applications

- Bars & Billets
- Bond Testing
- Brazed Joints
- Casting & Forging
- Ceramics
- Composites
- Critical Welds

Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (mm)	Nearfield Length* (mm)
TSTARC2-10	Twin Crystal Ø10mm 2Mz	2	10	8.5
TSTARC2-20	Twin Crystal Ø20mm 2Mz	2	20	33
TSTARC2-45	Twin Shear 2Mhz 45°	2	2 x (8 x 5)	4
TSTARC2-60	Twin Shear 2Mhz 60°	2	2 x (8 x 5)	4
TSTARC2-70	Twin Shear 2Mhz 70°	2	2 x (8 x 5)	4
TSTARC4-10	Twin Crystal Ø10mm 4Mz	4	10	17
TSTARC4-20	Twin Crystal Ø20mm 4Mz	4	20	68
TSTARC4-45	Twin Shear 4Mz 45°	4	2 x (8 x 5)	7.5
TSTARC4-60	Twin Crystal 4Mz 60°	4	2 x (8 x 5)	7.5
TSTARC4-70	Twin Crystal 4Mz 70°	4	2 x (8 x 5)	7.5

Size Options				Connector	
Probe Size	Case Dimensions			Type	Position
Ø (mm)	A (mm)	B (mm)	C (mm)	Lemo 00 (Z)	Top (T)
10	34	33	33	x	x
20	34	33	33	x	x
2 x (8 x 5)	21	15	29	x	x
10	37	25	25	x	x
20	37	25	25	x	x