



CD

Twin Compression Transducers

COMPRESSION TRANSDUCERS

Features

- Dual transducers
- Semi circular and rectangular lead zirconate titanate crystals
- Max operating temperature 50°C / 120°F
- High temperature options available up to 400°C denoted by "HT" in the title
- Medium dampening for medium bandwidth.
- Short focus shoe available, denoted by "F" in the title

Common Applications

- High Near Surface Resolution
- Improved penetration of noisy and attenuative material
- Castings and Forgings
- General thickness inspection



Transducer Models				
Product Code	Description	Frequency (MHz)	Crystal Diameter mm	Nearfield Length in Steel (mm / Inches)
PCD1-25	1,25MHz Dual	1.25	25mm	32.8mm / 1.291"
CD2-10	2MHz Dual	2	4 x 8mm	8.4mm / 0.331"
CD2-15	2MHz Dual	2	5 x 13mm	18.9mm / 0.744"
CD2-20	2MHz Dual	2	6 x 17mm	33.6mm / 1.323"
CD2-25	2MHz Dual	2	25mm	52.4mm / 2.063"
CD5-10	5MHz Dual	5	4 x 8mm	21mm / 0.827"
CDF5-10	5MHz Dual with short focus	5	4 x 8mm	21mm / 0.827"
CD5-15	5MHz Dual	5	5 x 13mm	47.2mm / 1.858"
CD5-20	5MHz Dual	5	6 x 17mm	83.9mm / 3.303"
CD5-25	5MHz Dual	5	25mm	131.1mm / 5.161"
CD2-20HT	2MHz Dual High Temp	2	6 x 17mm	33.6mm / 1.323"
CD5-10HT	5MHz Dual High Temp	5	4 x 8mm	21mm / 0.827"
CD5-15HT	5MHz T Dual High Temp	5	5 x 13mm	47.2mm / 1.858"
CD5-20HT	5MHz Dual High Temp	5	6 x 17mm	83.9mm / 3.303"

Case Dimensions and Details				
Transducer Version Crystal size	Width/Diameter (mm / Inches)	Height (mm / Inches)	Connector Options	Position Options
4 x 8mm	17mm	41mm	Lemo 00, MicroDot, Subvis	Top
5 x 13mm	22mm	48mm	Lemo 00, MicroDot, Subvis	Top
6 x 17mm	27mm	56mm	Lemo 00, MicroDot, Subvis	Top
25mm	35mm	66mm	Lemo 00, MicroDot, Subvis	Top

