



Sonatest

Inspect with confidence

TRANSDUCER CATALOGUE



CD

Twin Compression Transducers

Features

- Dual normal beam compression wave contact 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

- Composites
- Thin and general thickness inspection
- Plastics



Transducer Models				
Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
PCD1-25	1,25MHz TC Twin (composite only)	1.25	25mm / 0.984"	32.8mm / 1.291"
CD2-10	2MHz TC Twin	2	4 x 8mm / 0.157 x 0.315"	8.4mm / 0.331"
CD2-15	2MHz TC Twin	2	5 x 13mm / 0.197 x 0.512"	18.9mm / 0.744"
CD2-20	2MHz TC Twin	2	6 x 17mm / 0.236 x 0.669"	33.6mm / 1.323"
CD2-25	2MHz TC Twin	2	25mm / 0.984"	52.4mm / 2.063"
CD5-10	5MHz TC Twin	5	4 x 8mm / 0.157 x 0.315"	21mm / 0.827"
CDF5-10	5MHz TC Twin with short focus shoe	5	4 x 8mm / 0.157 x 0.315"	21mm / 0.827"
CD5-15	5MHz TC Twin	5	5 x 13mm / 0.197 x 0.512"	47.2mm / 1.858"
CD5-20	5MHz TC Twin	5	6 x 17mm / 0.236 x 0.669"	83.9mm / 3.303"
CD5-25	5MHz TC Twin	5	25mm / 0.984"	131.1mm / 5.161"
CD2-20HT	2MHz TC High Temp Twin	2	6 x 17mm / 0.236 x 0.669"	33.6mm / 1.323"
CD5-10HT	5MHz TC High Temp Twin	5	4 x 8mm / 0.157 x 0.315"	21mm / 0.827"
CD5-15HT	5MHz TC High Temp Twin	5	5 x 13mm / 0.197 x 0.512"	47.2mm / 1.858"
CD5-20HT	5MHz TC High Temp Twin	5	6 x 17mm / 0.236 x 0.669"	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 / 0.157 x 0.315"	17mm / 0.669"	41mm / 1.614"	Z D S	Top
5 x 13mm / 0.197 x 0.512"	22mm / 0.866"	48mm / 1.89"	Z D S	Top
6 x 17mm / 0.236 x 0.669"	27mm / 1.063"	56mm / 2.205"	Z D S	Top
25mm / 0.984"	35mm / 1.378"	66mm / 2.598"	Z D S	Top



Sonatest
Leading Ultrasonics