

Contact Transducers

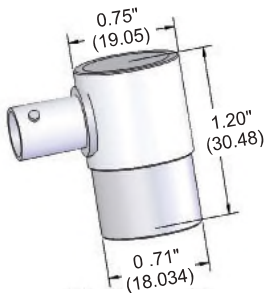


Contact Transducers are the most common and frequently used to introduce longitudinal waves into a material. Also, by using special elements, normal incidence shear wave or a combination of longitudinal/shear wave transducers can be made. These types of transducers are used in direct contact with the test material and therefore require a highly durable wearplate.

Contact Transducers are single element transducers designed for general-purpose contact inspection of metal, ceramic, and composite materials. These transducers offer rugged construction and maximum resistance against fracture and rough surfaces.

Advantages:

- Thick walled, case-hardened chrome-plated cases for standard contacts
- Compatible with all commercial flaw detectors
- Delrin sleeves for fingertip styles reduces case noise
- Available in high sensitivity, high resolution and general purpose



Standard Contact Transducers

The Standard Contact Transducer case styles offer thicker walled, case for extended life wear. They are offered in side or top BNC mounted connectors.

FREQUENCY (MHz)	DIAMETER INCHES (mm)				
	0.5 (12.7)	0.75 (19.05)	1.00 (25.4)	1.125 (28.575)	1.25 (31.75)
TYPE GP: GENERAL PURPOSE					
0.50	CS0.504GP	CS0.506GP	CS0.508GP	CS0.509GP	CS0.510GP
1.00	CS0104GP	CS0106GP	CS0108GP	CS0109GP	CS0110GP
2.25	CS0204GP	CS0206GP	CS0208GP	CS0209GP	CS0210GP
3.50	CS0304GP	CS0306GP	CS0308GP	CS0309GP	CS0310GP
5.00	CS0504GP	CS0506GP	CS0508GP	–	–
TYPE HR: HIGH RESOLUTION					
0.50	CS0.504HR	CS0.506HR	CS0.508HR	CS0.509HR	CS0.510HR
1.00	CS0104HR	CS0106HR	CS0108HR	CS0109HR	CS0110HR
2.25	CS0204HR	CS0206HR	CS0208HR	CS0209HR	CS0210HR
3.50	CS0304HR	CS0306HR	CS0308HR	CS0309HR	CS0310HR
5.00	CS0504HR	CS0506HR	CS0508HR	–	–
TYPE HP: HIGH POWER					
0.50	CS0.504HP	CS0.506HP	CS0.508HP	CS0.509HP	CS0.510HP
1.00	CS0104HP	CS0106HP	CS0108HP	CS0109HP	CS0110HP
2.25	CS0204HP	CS0206HP	CS0208HP	CS0209HP	CS0210HP
3.50	CS0304HP	CS0306HP	CS0308HP	CS0309HP	CS0310HP
5.00	CS0504HP	CS0506HP	CS0508HP	–	–