



Immersion Transducers

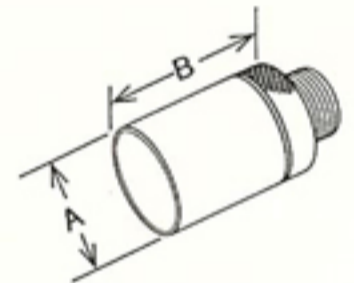
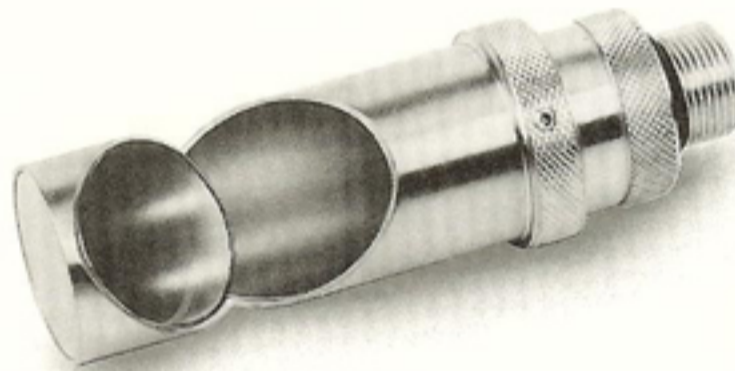
The **Large Diameter Housing Style (ILD)** is the housing of choice for general purpose testing when element diameters greater than 1/2" are desired. This stainless steel housing features a water-proof UHF connector and an acoustically matched epoxy lens to optimize performance and prevent water intrusion.

The **Flange Housing Style (IF)** is designed to fit the 1.375" diameter search tube systems found in many immersion and squirter systems. The stainless steel housing and acoustically matched epoxy lens ensures optimum transducer performance and durability.

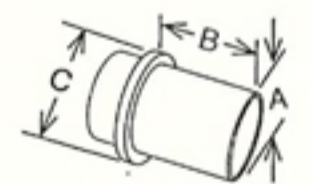
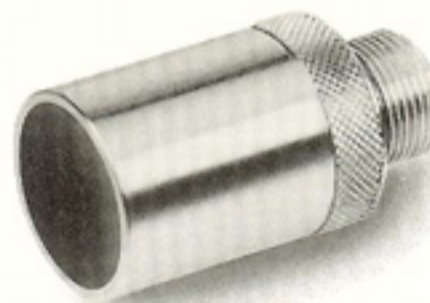
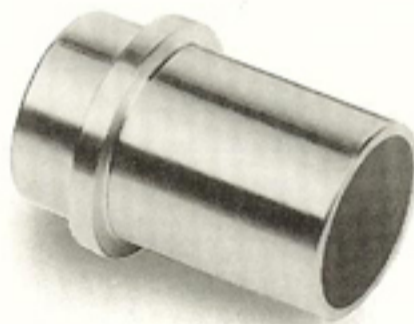
The ILD and IF housing styles are both available with spherical or cylindrical focusing to increase sensitivity to critical flaws or to improve near surface resolution. Please refer to the chart on page 22 for practical focusing limits.

A **Right Angle Reflector (ILD-RA)** is available for the ILD transducer to direct the sound beam 90° into hard to reach areas. Other angles available upon request.

Frequency (MHz)	Large Diameter Style			Flange Style
	.750"	1.00"	1.125"	
General Purpose Series (GP)				
1.0	ILD-0106-GP	ILD-0108-GP	ILD-0109-GP	IF-0106-GP
2.25	ILD-0206-GP	ILD-0208-GP	ILD-0209-GP	IF-0206-GP
3.5	ILD-0306-GP	ILD-0308-GP	ILD-0309-GP	IF-0306-GP
5.0	ILD-0506-GP	ILD-0508-GP	ILD-0509-GP	IF-0506-GP
10.0	ILD-1006-GP	—	—	IF-1006-GP
High Resolution Series (HR)				
2.25	ILD-0206-HR	ILD-0208-HR	—	IF-0206-HR
3.5	ILD-0306-HR	ILD-0308-HR	—	IF-0306-HR
5.0	ILD-0506-HR	ILD-0508-HR	—	IF-0506-HR
10.0	ILD-1006-HR	—	—	IF-1006-HR
Super Punch Series (SP)				
1.0	ILD-0106-SP	ILD-0108-SP	ILD-0109-SP	IF-0106-SP
2.25	ILD-0206-SP	ILD-0208-SP	ILD-0209-SP	IF-0206-SP
3.5	ILD-0306-SP	ILD-0308-SP	ILD-0309-SP	IF-0306-SP
5.0	ILD-0506-SP	ILD-0508-SP	ILD-0509-SP	IF-0506-SP



DIMENSIONS (ILD)		
Element	A	B
.75"	1.00"	1.38"
1.00"	1.25"	1.38"
1.125"	1.37"	1.38"



DIMENSIONS (IF)		
A	B	C
.990"	1.130"	1.20"