

Transducer Selection

1.0 MHz Dual Element Transducers

Applications used: *Cast Iron, *Plastics (polypropylene, polyethylene, etc.), *Fiberglass.

Diameter	Part #	Connector, Entry, & Misc. Info
1/2"	119-T-004-0000	Potted cable // Top in
1/2"	119-T-004-0000	Potted cable // Side in
1/2"	119-T-204-0001	Microdot // Top in
1/2"	119-T-304-0001	Microdot // Side in
1/2"	119-T-104-0600	Composite: Potted cable // Side in Optional Add: Extended ring

Range in steel: (1/2" -- .150"-2.0", Wearface dia: (5/8"), Crystal dia: (1/2")

1.5 MHz Dual Element Transducers

Applications Used: *Steel, *Aluminum, *Glass, *Thin Plastics

Diameter	Part #	Connector, Entry, & Misc. Info
1/4"	119-T-002-3200	Potted cable // Top in Exxon Spec
1/4"	119-T-102-3200	Potted cable // Side in Exxon Spec
1/4"	119-T-202-3201	Microdot // Top Exxon Spec
1/4"	119-T-302-3201	Microdot // Side Exxon Spec
1/4"	119-T-002-3300	Potted cable // Top in Extra Resolution - 0.025"
1/4"	119-T-102-3300	Potted cable // Side in Extra Resolution - 0.025"
1/4"	119-T-202-3301	Microdot // Top Extra Resolution - 0.025"
1/4"	119-T-302-3301	Microdot // Side Extra Resolution - 0.025"

Optional Add: Extended ring for transducer
Range in steel: (1/4" -- .025"-6.0") Wearface dia: (3/8") Crystal dia: (1/4")

2.25 MHz Dual Element Transducers

Material used: *Cast Iron, *Plastics (polypropylene, polyethylene, etc.), Thin Fiberglass.

Diameter	Part #	Connector, Entry, & Misc. info	Price
1/4"	119-T-002-1000	Potted cable // Top in	
1/4"	119-T-102-1000	Potted cable // Side in	
1/4"	119-T-202-1001	Microdot // Top	
1/4"	119-T-302-1001	Microdot // Side	
1/4"	119-T-042-1000	Potted cable // Top in Hi Temp - 650F	
1/4"	119-T-242-1001	Microdot // Top Hi Temp - 650F	
1/2"	119-T-004-1000	Potted cable // Top in	
1/2"	119-T-104-1000	Potted cable // Side in	
1/2"	119-T-204-1001	Microdot // Top	
1/2"	119-T-304-1001	Microdot // Side	
1/2"	119-T-044-1000	Potted cable // Top in Hi Temp - 650F	
1/2"	119-T-244-1001	Microdot // Top Hi Temp - 650F	
1/2"	119-T-104-1600	Composite: Potted cable // Top in Optional Add: Extended ring for transducer	

5.0 MHz Dual Element Transducers

(* Included with gauge unless specified)
 Applications used: *Steels, *Glass, *Thin plastics

Diameter	Part #	Connector, Entry, & Misc. info
3/16"	119-T-001-2000	Potted cable // Top in
3/16"	119-T-101-2000	Potted cable // Side in
3/16"	119-T-301-2001	Microdot // Side
1/4"	119-T-002-2000	Potted cable // Top in
1/4"	119-T-102-2000	Potted cable // Side in
1/4"	119-T-202-2001	Microdot // Top
1/4"	119-T-302-2001	Microdot // Side
1/4"	119-T-042-2000	Potted cable // Top in Hi Temp - 650F
1/4"	119-T-242-2001	Microdot // Top Hi Temp - 650F
1/4"	119-T-102-2600	Alpha Composite: Potted cable // Side in
1/2"	119-T-004-2000	Potted cable // Top in
1/2"	119-T-104-2000	Potted cable // Side in
1/2"	119-T-204-2001	Microdot // Top
1/2"	119-T-304-2001	Microdot // Side
1/2"	119-T-044-2000	Potted cable // Top in Hi Temp - 650F
1/2"	119-T-244-2001	Microdot // Top Hi Temp - 650F
1/2"	119-T-104-2600	Composite: Potted cable // Side in Optional Add: Extended ring for transducer

Range in steel: (3/16" -- .060"-2.0" 1/4" -- .040"-6.0" 1/2" -- .050"-19.99") Wearface dia: (1/4", 3/8", or 5/8")
 Crvstal dia: (3/16", 1/4", or 1/2")

10.0 MHz Dual Element Transducers

Applications used: *Aluminum, Titanium, and *Steels

Diameter	Part #	Connector, Entry, & Misc Info
1/4"	119-T-002-4000	Potted cable // Top in
1/4"	119-T-102-4000	Potted cable // Side in
1/4"	119-T-202-4001	Microdot // Top
1/4"	119-T-302-4001	Microdot // Side
1/2"	119-T-004-4000	Potted cable // Top in
1/2"	119-T-104-4000	Potted cable // Side in
1/2"	119-T-204-4001	Microdot // Top
1/2"	119-T-304-4001	Microdot // Side

Optional Add: Extended ring for transducer

Range in Steel: (1/4" -- .040"-6.0" 1/2" -- .060"-10.00"),
 Wearface dia: (3/8" - 5/8"), Crystal dia: (1/4" or 1/2")

Single Element Delay Line Transducers

Materials used: *Metals, *Glass, & *Plastics(Graphite Tip) -- PX & THOR Only

Diameter	Part #	Frequency	Connector, Entry, & Misc Info
1/4"	119-T-402-5507	15 MHz	Microdot // Side in -- (Common Choice)
1/4"	119-T-402-6507	20 MHz	Microdot // Side in

Wearface dia: (3/8"), Crystal dia: (1/4")

Single Element Contact Transducers

Diameter	Part #	Frequency	Connector, Entry, & Misc Info
1.0"	119-T-407-8607	500kHz	BNC // Side in
1.0"	119-T-407-0607	1 MHz	BNC // Side in
1.0"	119-T-407-1607	2.25 MHz	BNC // Top
3/4"	119-T-406-0607	1 MHz	BNC // Side
3/4"	119-T-406-0607	2.25 MHz	BNC // Top in
1/2"	119-T-404-0607	1 MHz	Microdot // Side in
1/2"	119-T-204-4001	2.25 MHz	Microdot // Side in

Wearface dia: (3/8" - 5/8"), **Crystal dia:** (1/4" or 1/2"), **Crystal dia:** (1.0", 3/4", 1/2")

Accessory Items

Item Description	Part #	Misc Info
Transducer Cables	119-N-104-0020	4' Single Lemo to Microdot
"	119-N-204-0020	4' Dual Lemo to Microdot
"	119-N-204-1020	4' Dual Lemo to Microdot Hi Temp Armored
"	Custom	Underwater cables
Couplant	119-V-000-0001	4oz bottle
"	119-V-000-0003	12oz bottle
"	119-V-000-0004	1 gallon
"	119-V-000-0002	2oz tube (High Temp)
Step Blocks	119-X-000-0001	5 Step Block .100"-.500"
"	119-X-000-0002	4 Step Block .250"-1.00"
Custom Blocks	Call	Variety of Materials & Thicknesses
Delay Tip	119-X-231-0000	1/4" Dia. x 3/8" Delay Tips
"	119-X-241-0000	1/4" Dia. x 1/2" Delay Tips
"	119-X-532-0000	3/16" Cone Tip Delay Lines
V-Blocks	119-F-000-7001	1/4" Transducers & STD can only
Instrument Case	119-F-100-0004	DX-1 Only
"	119-F-101-0001	DX-2 / DX-2 DL Series
"	119-F-112-0005	MX & PX Series
"	119-F-206-0003	THOR series
Plastic Carrying Case	119-A-100-6002	MX & PX series
"	119-F-206-0001	THOR series (Std)
Deluxe Carrying Case	119-F-206-0002	THOR series (Flight case)
Data Cables	119-N-306-0010	6 foot RS232 (DB-9 to Lemo)
"	119-N-406-0350	THOR 6 foot RS232 (DB-9 M/F)
Line Power Adapter	119-N-006-0240	THOR 110-220 VAC to 12 VDC
"	119-N-506-0060	THOR Universal Power Cord
Software & Data CD	119-A-206-7001	MMX, MX, PX, & THOR DakView2 & Manuals (,pdf)