

*The right NDT
equipment for
your specific needs*



Awarded "Best Managed Small and Medium Size Company" in 2003, and nominated in 1997, 2000, 2004 and 2005 by the National Bank of Canada.

Quality NDE Ltd. prides itself on being your trusted one stop expert for your Non-Destructive Testing Equipment, Accessories and Services. Since 1975, we have progressively developed to become one of the largest NDT equipment supplier in Eastern Canada. With offices and warehousing in Quebec and Ontario, we can respond quickly and efficiently to your needs.

Our experienced personnel work on a regular basis with customers in fields such as: aerospace, energy, nuclear, transportation, steel, manufacturing, mining, petrochemical, pulp & paper and others. Quality NDE can work hand-in-hand with you to provide you with the right solutions for all your NDT.

Our customers will attest to Quality NDE's attention to details, quick service and customer satisfaction.

We stock, supply, manufacture, repair and calibrate all types of Nondestructive Equipment and Accessories.

Financing also available.

Tel.: 1-800-361-3630
www.qualitynde.com





DEDICATED TO QUALITY YOUR SATISFACTION GUARANTEED

Quality NDE is driven by a passion to provide customers with the highest quality products, offering unparalleled customer service and responsiveness. Our customers can testify about our exceptional service.

LIQUID PENETRANT TESTING (LPT)

Visible and fluorescent penetrants - Cleaners / Removers / Developers - Wastewater treatment systems - Accessories.

MAGNETIC PARTICLE TESTING (MPT)

Magnetic particle powder - Magnetic particle benches (including multi-directional) Yokes - Portable test equipment - Demagnetizers - UV lamps - UV and white light meters - Accessories.

RADIOGRAPHIC TESTING (RT)

X-Ray and Gamma ray equipment - Radioactive isotope sources - Film and chemicals - Film processors - Computed radiography system (direct radiography, film scanner) - Viewers - Accessories.

VISUAL INSPECTION

Videoscopes - Borescopes - Fiberscopes - Crawlers - Accessories.

EDDY CURRENT TESTING (EC)

Crack detection - Hardness testing - Conductivity measurement - Coating thickness gauges - Probes - Accessories.

ULTRASONIC TESTING (UT)

Flaw detectors - Thickness gauges - Hardness testers - Transducers - Accessories.

OTHERS

Ultrasonic cleaning systems, (Manual, Semi-Automated and Automated).
Custom design inspection systems (Manual, Semi-Automated and Automated).

RENTALS

Ultrasonic equipment - Gamma equipment - Visual equipment - Thickness gauge - Flaw detectors - Leak detector - Others. Call us for more details.

SERVICE, CALIBRATION and REPAIRS

Our technicians are factory trained on most equipment, for your complete satisfaction. Service, Calibration and Repairs of most brands are done at our location. For peace of mind, ask for our service and calibration contracts!

FINANCING

Finance/Leases allows you to spread out the equipment's cost over a period of time and purchase the equipment at the end of the lease term for a small amount.

FOR MORE INFORMATION, CONTACT US:

QUALITY NDE LTD.
Quebec and Eastern Canada
Tel.: (450) 691-9090 / 1-800-361-3630
Fax: (450) 691-6101
qndeltd@qualitynde.com

QUALITY NDE LTD.
Ontario and Central Canada
Tel.: (519) 894-9069
Fax: (519) 894-7091
qndeont@qualitynde.com

Table of Contents

SCANNER HOLE PROBES	
UniRotor™ (multiple scanners)	4
Hocking® Mini Rotor	5
Nortec® Rechii Rotor	5
Rohmann® Elotest Mini Rotor	6
Rohmann® Elotest Std Rotor	6
Physical Acoustics® Rotor	6
Nortec® PS5 Rotor	7
Zetec® Rotor - Absolute	7
Zetec® Rotor - Different	7
ADJUSTABLE DIAMETER PROBES	
UniRotor™ (multiple scanners)	8
Hocking® Mini Rotor	9
Nortec® Rechii Rotor	9
Rohmann® Standard Rotor	10
Rohmann® Mini Rotor	10
Physical Acoustics® Rotor	10
Nortec® PS5 Rotor	11
Zetec® Rotor - Absolute	11
Zetec® Rotor - Different	11
COUNTERSINK SCANNER PROBES	12
FLEX SHAFT SCANNER PROBES	13
MANUAL HOLE PROBES	
Swivel Collar w/ Triax Connector	14
Swivel Collar w/ Microdot Connector	14
Adjustable Diameter	15
Countersink w/ Microdot Connector	15
Countersink w/ Triax Connector	15
STRAIGHT PENCIL PROBES	
.125" (1/8") Tip	16
.062" (1/16") Tip	16
.050" Tip	16
.040" Tip	16
90° PENCIL PROBES	
.030", .100" and .250" Drops	17
.500", .750" and 1.0" Drops	18
CURVED TIP PENCIL PROBES	
45° - .125" Tip	19
30° - .125" Tip	19
30° - .062" Tip	19
45° - .050" Tip	19
30° - .050" Tip	19
LOW FREQUENCY PROBES	
Spot Bridge (Differential)	20
Ring Bridge (Differential)	20
Spot Reflection (Driver/Pickup)	21
Ring Reflection (Driver/Pickup)	21
Sliding Probes	22
LF Pencil Probes	22

MISCELLANEOUS PROBES	
Spring Loaded Probes.....	23
Blade Probes.....	23
Wheel Probes & Standards.....	24
Defectometer Hole Probes.....	25
Defectometer Surface Probes.....	25
CONTACT TRANSDUCERS	
1 MHz Straight Beam.....	26
2.25 MHz Straight Beam.....	26
5 MHz Straight Beam.....	26
10 MHz Straight Beam.....	26
Delay Line.....	27
Dual Element.....	27
SHEAR WAVE TRANSDUCERS	
Extra Small Case - .187" element.....	28
Small Case - .187" element.....	28
Medium Case - .250" element.....	29
Large Case - .375" element.....	29
MISCELLANEOUS TRANSDUCERS	
Immersion.....	30
Threaded.....	30
Cables.....	30
CONNECTIONS	
Connector Identification	32
Absolute (coaxial) Cables.....	34
Balance Load Adaptors.....	34
Scanner Adaptors.....	34
Cables, Bridge (differential).....	34
Cables, Reflection.....	35
Adaptors, Bridge (differential).....	36
Adaptors, Reflection.....	37
PROBE KITS	
Eddy Current.....	38
Ultrasonic.....	39
REFERENCE STANDARDS	
Surface Standards.....	38
Hole Standards.....	39
Aircraft Standards.....	40
EDM Services.....	40
PROBE OPTIONS	44
ORDERING INFORMATION	45
WARRANTY and RETURNS	46
SIZE CONVERSION TABLES	
Standard to Metric.....	47
Metric to Standard.....	48

Scanner Hole Probes

UniRotor™ for multiple scanners

Hocking, Rohmann, Zetec ZS-4, Eagle, Staveley Spitfire and Minimate (4 pin fischer) scanners

High speed scanner probes, also referred to as rotary hole probes are for high speed inspection of bolt holes, countersinks and counterbore holes in various types of aircraft structures. In a typical application a scanner probe is connected to an eddy current instrument by use of a handheld rotary gun and attachment cable.

Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options

Frequency
Working length
Spreadable end
Stainless steel body

See page 44 for option details



Standard



Spread End

Diameter	WL	100K-1MHZ Unshielded	100K-1MHZ Shielded	100K-1MHZ Spread End	100K-1MHZ Stainless Steel	1-3MHZ Unshielded
.090	1.1"	UR.090	URF.090	UR.090SE	UR.090SS	UR.090/2M
.125	1.5"	UR.125	URF.125	UR.125SE	UR.125SS	UR.125/2M
.156	1.5"	UR.156	URF.156	UR.156SE	UR.156SS	UR.156/2M
.187	1.5"	UR.187	URF.187	UR.187SE	UR.187SS	UR.187/2M
.250	2.0"	UR.250	URF.250	UR.250SE	UR.250SS	UR.250/2M
.312	2.0"	UR.312	URF.312	UR.312SE	UR.312SS	UR.312/2M
.375	2.0"	UR.375	URF.375	UR.375SE	UR.375SS	UR.375/2M
.437	2.0"	UR.437	URF.437	UR.437SE	UR.437SS	UR.437/2M
.500	2.0"	UR.500	URF.500	UR.500SE	UR.500SS	UR.500/2M
.562	2.0"	UR.562	URF.562	UR.562SE	UR.562SS	UR.562/2M
.625	2.0"	UR.625	URF.625	UR.625SE	UR.625SS	UR.625/2M
.750	2.0"	UR.750	URF.750	UR.750SE	UR.750SS	UR.750/2M
.875	2.0"	UR.875	URF.875	UR.875SE	UR.875SS	UR.875/2M
1.00	2.0"	UR1.0	URF1.0	UR1.0SE	UR1.0SS	UR1.0/2M

Diameter	WL	100K-1MHZ Unshielded	100K-1MHZ Shielded	100K-1MHZ Spread End	100K-1MHZ Stainless Steel	1-3MHZ Unshielded
3mm	35mm	UR-3M	URF-3M	UR-3MSE	UR-3MSS	UR-3M/2M
4mm	35mm	UR-4M	URF-4M	UR-4MSE	UR-4MSS	UR-4M/2M
5mm	35mm	UR-5M	URF-5M	UR-5MSE	UR-5MSS	UR-5M/2M
6mm	35mm	UR-6M	URF-6M	UR-6MSE	UR-6MSS	UR-6M/2M
7mm	35mm	UR-7M	URF-7M	UR-7MSE	UR-7MSS	UR-7M/2M
8mm	50mm	UR-8M	URF-8M	UR-8MSE	UR-8MSS	UR-8M/2M
9mm	50mm	UR-9M	URF-9M	UR-9MSE	UR-9MSS	UR-9M/2M
11mm	50mm	UR-11M	URF-11M	UR-11MSE	UR-11MSS	UR-11M/2M
13mm	50mm	UR-13M	URF-13M	UR-13MSE	UR-13MSS	UR-13M/2M
15mm	50mm	UR-15M	URF-15M	UR-15MSE	UR-15MSS	UR-15M/2M
17mm	50mm	UR-17M	URF-17M	UR-17MSE	UR-17MSS	UR-17M/2M
19mm	50mm	UR-19M	URF-19M	UR-19MSE	UR-19MSS	UR-19M/2M
21mm	50mm	UR-21M	URF-21M	UR-21MSE	UR-21MSS	UR-21M/2M
23mm	50mm	UR-23M	URF-23M	UR-23MSE	UR-23MSS	UR-23M/2M
25mm	50mm	UR-25M	URF-25M	UR-25MSE	UR-25MSS	UR-25M/2M

Hocking® Mini Rotor



Standard Features
 100KHz to 1MHz
 1.5" to 2" working length
 Plastic body
 Stainless steel backshell

Options (see page 44)
 Frequency
 Working length
 Spreadable end
 Stainless steel body

Diameter	WL	100K-1MHZ Unshielded	100K-1MHZ Shielded	100K-1MHZ Spread End	100K-1MHZ Stainless Steel	1-3MHZ Unshielded
.090	1.5"	HR.090	HRF.090	HR.090SE	HR.090SS	HR.090/2M
.125	1.5"	HR.125	HRF.125	HR.125SE	HR.125SS	HR.125/2M
.156	1.5"	HR.156	HRF.156	HR.156SE	HR.156SS	HR.156/2M
.187	1.5"	HR.187	HRF.187	HR.187SE	HR.187SS	HR.187/2M
.250	2.0"	HR.250	HRF.250	HR.250SE	HR.250SS	HR.250/2M
.312	2.0"	HR.312	HRF.312	HR.312SE	HR.312SS	HR.312/2M
.375	2.0"	HR.375	HRF.375	HR.375SE	HR.375SS	HR.375/2M
.437	2.0"	HR.437	HRF.437	HR.437SE	HR.437SS	HR.437/2M
.500	2.0"	HR.500	HRF.500	HR.500SE	HR.500SS	HR.500/2M
.562	2.0"	HR.562	HRF.562	HR.562SE	HR.562SS	HR.562/2M
.625	2.0"	HR.625	HRF.625	HR.625SE	HR.625SS	HR.625/2M
.750	2.0"	HR.750	HRF.750	HR.750SE	HR.750SS	HR.750/2M
.875	2.0"	HR.875	HRF.875	HR.875SE	HR.875SS	HR.875/2M
1.00	2.0"	HR1.0	HRF1.0	HR1.0SE	HR1.0SS	HR1.0/2M

Nortec® Rechii Rotor

RA2000, RA19 and Minimite (4-pin Lemo) Scanners



Standard Features
 100KHz to 1MHz
 1.1" to 2" working length
 Plastic body
 Stainless steel backshell

Options (see page 44)
 Frequency
 Working length
 Spreadable end
 Stainless steel body

Diameter	WL	100K-1MHZ Unshielded	100K-1MHZ Shielded	100K-1MHZ Spread End	100K-1MHZ Stainless Steel	1-3MHZ Unshielded
.090	1.1"	RR.090	RRF.090	RR.090SE	RR.090SS	RR.090/2M
.125	1.1"	RR.125	RRF.125	RR.125SE	RR.125SS	RR.125/2M
.156	1.1"	RR.156	RRF.156	RR.156SE	RR.156SS	RR.156/2M
.187	1.1"	RR.187	RRF.187	RR.187SE	RR.187SS	RR.187/2M
.250	1.5"	RR.250	RRF.250	RR.250SE	RR.250SS	RR.250/2M
.312	1.5"	RR.312	RRF.312	RR.312SE	RR.312SS	RR.312/2M
.375	1.5"	RR.375	RRF.375	RR.375SE	RR.375SS	RR.375/2M
.437	1.5"	RR.437	RRF.437	RR.437SE	RR.437SS	RR.437/2M
.500	2.0"	RR.500	RRF.500	RR.500SE	RR.500SS	RR.500/2M
.562	2.0"	RR.562	RRF.562	RR.562SE	RR.562SS	RR.562/2M
.625	2.0"	RR.625	RRF.625	RR.625SE	RR.625SS	RR.625/2M
.750	2.0"	RR.750	RRF.750	RR.750SE	RR.750SS	RR.750/2M
.875	2.0"	RR.875	RRF.875	RR.875SE	RR.875SS	RR.875/2M
1.00	2.0"	RR1.0	RRF1.0	RR1.0SE	RR1.0SS	RR1.0/2M

Rohmann® Mini Rotor

Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options (see page 44)

Frequency
Working length
Spreadable end
Stainless steel body



Diameter	100K-1MHz Unshielded	100K-1MHz Stainless Steel	1-3MHz Unshielded
.090	EMR.090	EMR.090SS	EMR.090/2M
.125	EMR.125	EMR.125SS	EMR.125/2M
.156	EMR.156	EMR.156SS	EMR.156/2M
.187	EMR.187	EMR.187SS	EMR.187/2M
.250	EMR.250	EMR.250SS	EMR.250/2M
.312	EMR.312	EMR.312SS	EMR.312/2M
.375	EMR.375	EMR.375SS	EMR.375/2M
.437	EMR.437	EMR.437SS	EMR.437/2M
.500	EMR.500	EMR.500SS	EMR.500/2M
.562	EMR.562	EMR.562SS	EMR.562/2M
.625	EMR.625	EMR.625SS	EMR.625/2M
.750	EMR.750	EMR.750SS	EMR.750/2M

Rohmann® Elotest Std Rotor

Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options (see page 44)

Frequency
Working length
Spreadable end
Stainless steel body



Diameter	100K-1MHz Unshielded	100K-1MHz Stainless Steel	1-3MHz Unshielded
.090	ESR.090	ESR.090SS	ESR.090/2M
.125	ESR.125	ESR.125SS	ESR.125/2M
.156	ESR.156	ESR.156SS	ESR.156/2M
.187	ESR.187	ESR.187SS	ESR.187/2M
.250	ESR.250	ESR.250SS	ESR.250/2M
.312	ESR.312	ESR.312SS	ESR.312/2M
.375	ESR.375	ESR.375SS	ESR.375/2M
.437	ESR.437	ESR.437SS	ESR.437/2M
.500	ESR.500	ESR.500SS	ESR.500/2M
.562	ESR.562	ESR.562SS	ESR.562/2M
.625	ESR.625	ESR.625SS	ESR.625/2M
.750	ESR.750	ESR.750SS	ESR.750/2M

Physical Acoustics® PD-214 Rotor

Standard Features

200KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options (see page 44)

Frequency
Working length
Spreadable end
Stainless steel body



Diameter	50-500KHz Absolute Shielded	200K-1MHz Differential Shielded	100K-1MHz Reflection Unshielded
.090	PRAF.090	PRDF.090/500K	PR.090/1M
.125	PRAF.125	PRDF.125/500K	PR.125/1M
.156	PRAF.156	PRDF.156/500K	PR.156/1M
.187	PRAF.187	PRDF.187/500K	PR.187/1M
.250	PRAF.250	PRDF.250/500K	PR.250/1M
.312	PRAF.312	PRDF.312/500K	PR.312/1M
.375	PRAF.375	PRDF.375/500K	PR.375/1M
.437	PRAF.437	PRDF.437/500K	PR.437/1M
.500	PRAF.500	PRDF.500/500K	PR.500/1M
.562	PRAF.562	PRDF.562/500K	PR.562/1M
.625	PRAF.625	PRDF.625/500K	PR.625/1M
.750	PRAF.750	PRDF.750/500K	PR.750/1M

Nortec® PS5 Rotor

See page 44 for option details

Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options

Frequency
Working length
Spreadable end
Stainless steel body



Diameter	WL	50-500KHz Absolute Shielded	100K-1MHz Differential Shielded	100K-1MHz Reflection Unshielded
.090	1.5"	P5RAF.090	P5RDF.090	P5R.090-1M
.125	1.5"	P5RAF.125	P5RDF.125	P5R.125-1M
.156	1.5"	P5RAF.156	P5RDF.156	P5R.156-1M
.187	2.0"	P5RAF.187	P5RDF.187	P5R.187-1M
.250	2.0"	P5RAF.250	P5RDF.250	P5R.250-1M
.312	2.0"	P5RAF.312	P5RDF.312	P5R.312-1M
.375	2.0"	P5RAF.375	P5RDF.375	P5R.375-1M
.437	2.0"	P5RAF.437	P5RDF.437	P5R.437-1M
.500	2.0"	P5RAF.500	P5RDF.500	P5R.500-1M
.562	2.0"	P5RAF.562	P5RDF.562	P5R.562-1M
.625	2.0"	P5RAF.625	P5RDF.625	P5R.625-1M
.750	2.0"	P5RAF.750	P5RDF.750	P5R.750-1M

Zetec® Rotor - Absolute

Standard Features

MZ-4 Scanner
Bridge/absolute coils
50 to 500KHz frequency range
Plastic body and stainless steel back end



Diameter	WL	50-500KHz Unshielded	50-500KHz Shielded	100K-1MHz Shielded
.090	1.5"	ZRA.090	ZRAF.090	ZRA.090-1M
.125	1.5"	ZRA.125	ZRAF.125	ZRA.125-1M
.156	1.5"	ZRA.156	ZRAF.156	ZRA.156-1M
.187	2.0"	ZRA.187	ZRAF.187	ZRA.187-1M
.250	2.0"	ZRA.250	ZRAF.250	ZRA.250-1M
.312	2.0"	ZRA.312	ZRAF.312	ZRA.312-1M
.375	2.0"	ZRA.375	ZRAF.375	ZRA.375-1M
.437	2.0"	ZRA.437	ZRAF.437	ZRA.437-1M
.500	2.0"	ZRA.500	ZRAF.500	ZRA.500-1M
.562	2.0"	ZRA.562	ZRAF.562	ZRA.562-1M
.625	2.0"	ZRA.625	ZRAF.625	ZRA.625-1M
.750	2.0"	ZRA.750	ZRAF.750	ZRA.750-1M

Zetec® Rotor - Differential

Standard Features

MZ-4 Scanner
Bridge/differential coils
200KHz to 1MHz
Spreadable end
Plastic body and stainless steel back end



Diameter	WL	50-500KHz Unshielded	50-500KHz Shielded	100K-1MHz Shielded
.090	1.5"	ZRD.090	ZRDF.090	ZRD.090-1M
.125	1.5"	ZRD.125	ZRDF.125	ZRD.125-1M
.156	1.5"	ZRD.156	ZRDF.156	ZRD.156-1M
.187	2.0"	ZRD.187	ZRDF.187	ZRD.187-1M
.250	2.0"	ZRD.250	ZRDF.250	ZRD.250-1M
.312	2.0"	ZRD.312	ZRDF.312	ZRD.312-1M
.375	2.0"	ZRD.375	ZRDF.375	ZRD.375-1M
.437	2.0"	ZRD.437	ZRDF.437	ZRD.437-1M
.500	2.0"	ZRD.500	ZRDF.500	ZRD.500-1M
.562	2.0"	ZRD.562	ZRDF.562	ZRD.562-1M
.625	2.0"	ZRD.625	ZRDF.625	ZRD.625-1M
.750	2.0"	ZRD.750	ZRDF.750	ZRD.750-1M

Adjustable Diameter Probes

UniRotor™ for multiple scanners

Hocking, Rohmann , Zetec ZS-4, Eagle, Staveley Spitfire and Minimate (4 pin fischer) scanners

Adjustable diameter scanner hole probes have all the features of their split end counterparts, with the added feature of being adjustable to meet a range of hole diameters. In a typical application the diameter can be manually adjusted to reduce noise, lift-off or to compensate for a rougher hole. The X type of adjustment is via a thumbscrew at tip of probe and the Y type is an exterior sleeve that closes down the spread at the probe tip.

Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options

Frequency
Working length

See page 44 for option details

Y Types



X Type



Diameter	WL	"X"TYPE		"Y"TYPE	
		100K-1MHz	1-3MHz	100K-1MHz	1-3MHz
.125 - .156	2.0"	-----	-----	URY.125-.156	URY.125-.156/2M
.156 - .187	2.0"	-----	-----	URY.156-.187	URY.156-.187/2M
.187 - .250	2.0"	URX.187-.250	URX.187-.250/2M	URY.187-.250	URY.187-.250/2M
.250 - .312	2.0"	URX.250-.312	URX.250-.312/2M	URY.250-.312	URY.250-.312/2M
.312 - .375	2.0"	URX.312-.375	URX.312-.375/2M	URY.312-.375	URY.312-.375/2M
.375 - .437	2.0"	URX.375-.437	URX.375-.437/2M	URY.375-.437	URY.375-.437/2M
.437 - .500	2.0"	URX.437-.500	URX.437-.500/2M	URY.437-.500	URY.437-.500/2M
.500 - .625	2.0"	URX.500-.625	URX.500-.625/2M	URY.500-.625	URY.500-.625/2M
.625 - .750	2.0"	URX.625-.750	URX.625-.750/2M	URY.625-.750	URY.625-.750/2M
.750 - .875	2.0"	URX.750-.875	URX.750-.875/2M	URY.750-.875	URY.750-.875/2M
.875 - 1.000	2.0"	URX.875-1.0	URX.875-1.0/2M	URY.875-1.0	URY.875-1.0/2M
1.000 - 1.125	2.0"	URX1.0-1.125	URX1.0-1.125/2M	URY1.0-1.125	URY1.0-1.125/2M

Diameter	WL	"X"TYPE		"Y"TYPE	
		100K-1MHz	1-3MHz	100K-1MHz	1-3MHz
3-4mm	38mm	-----	-----	URY 3-4M	URY 3-4M/2M
4-5mm	38mm	-----	-----	URY4-5M	URY4-5M/2M
5-6,5mm	50mm	URX 5-6.5M	URX 5-6.5M/2M	URY 5-6.5M	URY 5-6.5M/2M
6,5-8mm	50mm	URX 6.5-8M	URX 6.5-8M/2M	URY 6.5-8M	URY 6.5-8M/2M
8 - 9,5mm	50mm	URX 8-9.5M	URX 8-9.5M/2M	URY 8-9.5M	URY 8-9.5M/2M
9,5 - 11mm	50mm	URX 9.5-11M	URX 9.5-11M/2M	URY 9.5-11M	URY 9.5-11M/2M
11 - 13mm	50mm	URX 11-13M	URX 11-13M/2M	URY 11-13M	URY 11-13M/2M
13 - 16mm	50mm	URX 13-16M	URX 13-16M/2M	URY 13-16M	URY 13-16M/2M
16 - 19mm	50mm	URX 16-19M	URX 16-19M/2M	URY 16-19M	URY 16-19M/2M
19- 22mm	50mm	URX 19-22M	URX 19-22M/2M	URY 19-22M	URY 19-22M/2M
22 - 25mm	50mm	URX 22-25M	URX 22-25M/2M	URY 22-25M	URY 22-25M/2M

Hocking® Mini Rotor

See page 44 for option details



Standard Features

100KHz to 1MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options

Frequency
Working length



Diameter	WL	"X" TYPE		"Y" TYPE	
		100K-1MHz	1-3MHz	100K-1MHz	1-3MHz
.125 - .156	2.0"	-----	-----	HRX.125-.156	HRX.125-.156/2M
.156 - .187	2.0"	-----	-----	HRX.156-.187	HRX.156-.187/2M
.187 - .250	2.0"	HRX.187-.250	HRX.187-.250/2M	HRX.187-.250	HRX.187-.250/2M
.250 - .312	2.0"	HRX.250-.312	HRX.250-.312/2M	HRX.250-.312	HRX.250-.312/2M
.312 - .375	2.0"	HRX.312-.375	HRX.312-.375/2M	HRX.312-.375	HRX.312-.375/2M
.375 - .437	2.0"	HRX.375-.437	HRX.375-.437/2M	HRX.375-.437	HRX.375-.437/2M
.437 - .500	2.0"	HRX.437-.500	HRX.437-.500/2M	HRX.437-.500	HRX.437-.500/2M
.500 - .625	2.0"	HRX.500-.625	HRX.500-.625/2M	HRX.500-.625	HRX.500-.625/2M
.625 - .750	2.0"	HRX.625-.750	HRX.625-.750/2M	HRX.625-.750	HRX.625-.750/2M
.750 - .875	2.0"	HRX.750-.875	HRX.750-.875/2M	HRX.750-.875	HRX.750-.875/2M
.875 - 1.000	2.0"	HRX.875-1.0	HRX.875-1.0/2M	HRX.875-1.0	HRX.875-1.0/2M
1.000 - 1.125	2.0"	HRX1.0-1.125	HRX1.0-1.125/2M	HRX1.0-1.125	HRX1.0-1.125/2M

Nortec® Rechii Rotor

RA2000, RA19 and Minimite (4-pin Lemo) Scanners



Standard Features

100KHz to 1MHz
1.1" to 2" working length
Plastic body
Stainless steel backshell

Options

Frequency
Working length

Diameter	WL	"X" TYPE		"Y" TYPE	
		100K-1MHz	1-3MHz	100K-1MHz	1-3MHz
.125 - .156	2.0"	-----	-----	RRY.125-.156	RRY.125-.156/2M
.156 - .187	2.0"	-----	-----	RRY.156-.187	RRY.156-.187/2M
.187 - .250	2.0"	RRX.187-.250	RRX.187-.250/2M	RRY.187-.250	RRY.187-.250/2M
.250 - .312	2.0"	RRX.250-.312	RRX.250-.312/2M	RRY.250-.312	RRY.250-.312/2M
.312 - .375	2.0"	RRX.312-.375	RRX.312-.375/2M	RRY.312-.375	RRY.312-.375/2M
.375 - .437	2.0"	RRX.375-.437	RRX.375-.437/2M	RRY.375-.437	RRY.375-.437/2M
.437 - .500	2.0"	RRX.437-.500	RRX.437-.500/2M	RRY.437-.500	RRY.437-.500/2M
.500 - .625	2.0"	RRX.500-.625	RRX.500-.625/2M	RRY.500-.625	RRY.500-.625/2M
.625 - .750	2.0"	RRX.625-.750	RRX.625-.750/2M	RRY.625-.750	RRY.625-.750/2M
.750 - .875	2.0"	RRX.750-.875	RRX.750-.875/2M	RRY.750-.875	RRY.750-.875/2M
.875 - 1.000	2.0"	RRX.875-1.0	RRX.875-1.0/2M	RRY.875-1.0	RRY.875-1.0/2M
1.000 - 1.125	2.0"	RRX1.0-1.125	RRX1.0-1.125/2M	RRY1.0-1.125	RRY1.0-1.125/2M

Rohmann® Standard Rotor

See page 44 for option details

Standard Features

2.0" working length
100KHz to 1MHz frequency range
Stainless steel tip and back connector



Diameter	100K - 1MHz "X" Type	100K-1MHz "Y" Type
.125 - .156	-----	ESRY.125-.156
.156 - .187	-----	ESRY.156-.187
.187 - .250	ESRX.187-.250	ESRY.187-.250
.250 - .312	ESRX.250-.312	ESRY.250-.312
.312 - .375	ESRX.312-.375	ESRY.312-.375
.375 - .437	ESRX.375-.437	ESRY.375-.437
.437 - .500	ESRX.437-.500	ESRY.437-.500
.500 - .625	ESRX.500-.625	ESRY.500-.625
.625 - .750	ESRX.625-.750	ESRY.625-.750
.750 - .875	ESRX.750-.875	ESRY.750-.875
.875 - 1.000	ESRX.875-1.0	ESRY.875-1.0
1.000 - 1.125	ESRX1.0-1.125	ESRY1.0-1.125

Rohmann® Mini Rotor

Standard Features

1.5" working length
500KHz to 3MHz frequency range
Plastic tip and stainless steel connector



Diameter	100K - 1MHz "X" Type	100K-1MHz "Y" Type
.125 - .156	-----	EMRY.125-.156
.156 - .187	-----	EMRY.156-.187
.187 - .250	EMRX.187-.250	EMRY.187-.250
.250 - .312	EMRX.250-.312	EMRY.250-.312
.312 - .375	EMRX.312-.375	EMRY.312-.375
.375 - .437	EMRX.375-.437	EMRY.375-.437
.437 - .500	EMRX.437-.500	EMRY.437-.500
.500 - .625	EMRX.500-.625	EMRY.500-.625
.625 - .750	EMRX.625-.750	EMRY.625-.750
.750 - .875	EMRX.750-.875	EMRY.750-.875
.875 - 1.000	EMRX.875-1.0	EMRY.875-1.0
1.000 - 1.125	EMRX1.0-1.125	EMRY1.0-1.125

Physical Acoustics® PD-214 Rotor

Standard Features

1.5" to 2.0" working length
Bridge/Differential Coils
200KHz to 1MHz frequency range
Plastic tip and connector



Diameter	200K - 1MHz "X" Type	200K-1MHz "Y" Type
.125 - .156	-----	PRDY.125-.156
.156 - .187	-----	PRDY.156-.187
.187 - .250	PRDX.187-.250	PRDY.187-.250
.250 - .312	PRDX.250-.312	PRDY.250-.312
.312 - .375	PRDX.312-.375	PRDY.312-.375
.375 - .437	PRDX.375-.437	PRDY.375-.437
.437 - .500	PRDX.437-.500	PRDY.437-.500
.500 - .625	PRDX.500-.625	PRDY.500-.625
.625 - .750	PRDX.625-.750	PRDY.625-.750
.750 - .875	PRDX.750-.875	PRDY.750-.875
.875 - 1.000	PRDX.875-1.0	PRDY.875-1.0
1.000 - 1.125	PRDX1.0-1.125	PRDY1.0-1.125

Nortec® P5R Rotor

See page 44 for option details

Standard Features

Reflection
2.0" working length
500KHz to 3MHz frequency range
Plastic tip and Fischer back connector



Diameter	"X" Type	"Y" Type
.125 – .156	-----	P5RY.125-.156
.156 – .187	-----	P5RY.156-.187
.187 – .250	P5RX.187-.250	P5RY.187-.250
.250 – .312	P5RX.250-.312	P5RY.250-.312
.312 – .375	P5RX.312-.375	P5RY.312-.375
.375 – .437	P5RX.375-.437	P5RY.375-.437
.437 – .500	P5RX.437-.500	P5RY.437-.500
.500 – .625	P5RX.500-.625	P5RY.500-.625
.625 – .750	P5RX.625-.750	P5RY.625-.750
.750 – .875	P5RX.750-.875	P5RY.750-.875
.875 – 1.000	P5RX.875-1.0	P5RY.875-1.0
1.000 – 1.125	P5RX1.0-1.125	P5RY1.0-1.125

Zetec® Rotor - Absolute

Standard Features

Bridge/absolute coils
2" working length
50 to 500KHz frequency range
Stainless steel tip and back connector



Diameter	"X" Type	"Y" Type
.125 – .156	-----	ZRAY.125-.156
.156 – .187	-----	ZRAY.156-.187
.187 – .250	ZRAX.187-.250	ZRAY.187-.250
.250 – .312	ZRAX.250-.312	ZRAY.250-.312
.312 – .375	ZRAX.312-.375	ZRAY.312-.375
.375 – .437	ZRAX.375-.437	ZRAY.375-.437
.437 – .500	ZRAX.437-.500	ZRAY.437-.500
.500 – .625	ZRAX.500-.625	ZRAY.500-.625
.625 – .750	ZRAX.625-.750	ZRAY.625-.750
.750 – .875	ZRAX.750-.875	ZRAY.750-.875
.875 – 1.000	ZRAX.875-1.0	ZRAY.875-1.0
1.000 – 1.125	ZRAX1.0-1.125	ZRAY1.0-1.125

Zetec® Rotor - Differential

Standard Features

Bridge/differential coils
2" working length
200KHz to 1MHz frequency range
Stainless steel tip and back connector



Diameter	"X" Type	"Y" Type
.125 – .156	-----	ZRDY.125-.156
.156 – .187	-----	ZRDY.156-.187
.187 – .250	ZRDX.187-.250	ZRDY.187-.250
.250 – .312	ZRDX.250-.312	ZRDY.250-.312
.312 – .375	ZRDX.312-.375	ZRDY.312-.375
.375 – .437	ZRDX.375-.437	ZRDY.375-.437
.437 – .500	ZRDX.437-.500	ZRDY.437-.500
.500 – .625	ZRDX.500-.625	ZRDY.500-.625
.625 – .750	ZRDX.625-.750	ZRDY.625-.750
.750 – .875	ZRDX.750-.875	ZRDY.750-.875
.875 – 1.000	ZRDX.875-1.0	ZRDY.875-1.0
1.000 – 1.125	ZRDX1.0-1.125	ZRDY1.0-1.125

Countersink Scanner Probes



UniRotor™ for multiple scanners

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot	Surface Inspection with Guide	Surface Inspection for Raised Heads
5/32"	UC1.156	UNC.156	USI.156	USR.156
3/16"	UC1.187	UNC.187	USI.187	USIR.187
7/32"	UC1.218	UNC.218	USI.218	USIR.218
1/4"	UC1.250	UNC.250	USI.250	USIR.250
5/16"	UC1.312	UNC.312	USI.312	USIR.312

Hocking® Mini Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot	Surface Inspection with Guide	Surface Inspection for Raised Heads
5/32"	HC1.156	HNC.156	HSI.156	HSR.156
3/16"	HC1.187	HNC.187	HSI.187	HSR.187
7/32"	HC1.218	HNC.218	HSI.218	HSR.218
1/4"	HC1.250	HNC.250	HSI.250	HSR.250
5/16"	HC1.312	HNC.312	HSI.312	HSR.312

Nortec® Rechii Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot	Surface Inspection with Guide	Surface Inspection for Raised Heads
5/32"	RC1.156	RNC.156	RSI.156	RSR.156
3/16"	RC1.187	RNC.187	RSI.187	RSR.187
7/32"	RC1.218	RNC.218	RSI.218	RSR.218
1/4"	RC1.250	RNC.250	RSI.250	RSR.250
5/16"	RC1.312	RNC.312	RSI.312	RSR.312

Zetec® Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot	Surface Inspection with Guide	Surface Inspection for Raised Heads
5/32"	ZDC1.156	ZDNC.156	ZDSI.156	ZDSR.156
3/16"	ZDC1.187	ZDNC.187	ZDSI.187	ZDSR.187
7/32"	ZDC1.218	ZDNC.218	ZDSI.218	ZDSR.218
1/4"	ZDC1.250	ZDNC.250	ZDSI.250	ZDSR.250
5/16"	ZDC1.312	ZDNC.312	ZDSI.312	ZDSR.312

UniRotor™ for multiple scanners

See page 44 for option details



Options

Frequency
Working length
Overall length
Stainless steel tips

Diameter	100K-1MHz 6" Length	100K-1MHz 8" Length	1-3MHz 8" Length
.187	UFLX.187-6	UFLX.187-8	UFLX.187-8/2M
.250	UFLX.250-6	UFLX.250-8	UFLX.250-8/2M
.312	UFLX.312-6	UFLX.312-8	UFLX.312-8/2M
.375	UFLX.375-6	UFLX.375-8	UFLX.375-8/2M
.437	UFLX.437-6	UFLX.437-8	UFLX.437-8/2M
.500	UFLX.500-6	UFLX.500-8	UFLX.500-8/2M

Elotest® Mini Rotor



Options

Frequency
Working length
Overall length
Stainless steel tips

Diameter	100K-1MHz 6" Length	100K-1MHz 8" Length	1-3MHz 8" Length
.187	EMFLX.187-6	EMFLX.187-8	EMFLX.187-8/2M
.250	EMFLX.250-6	EMFLX.250-8	EMFLX.250-8/2M
.312	EMFLX.312-6	EMFLX.312-8	EMFLX.312-8/2M
.375	EMFLX.375-6	EMFLX.375-8	EMFLX.375-8/2M
.437	EMFLX.437-6	EMFLX.437-8	EMFLX.437-8/2M
.500	EMFLX.500-6	EMFLX.500-8	EMFLX.500-8/2M

Nortec® Rechii Rotor



Options

Frequency
Working length
Overall length
Stainless steel tips

Diameter	100K-1MHz 6" Length	100K-1MHz 8" Length	1-3MHz 8" Length
.187	RFLX.187-6	RFLX.187-8	RFLX.187-8/2M
.250	RFLX.250-6	RFLX.250-8	RFLX.250-8/2M
.312	RFLX.312-6	RFLX.312-8	RFLX.312-8/2M
.375	RFLX.375-6	RFLX.375-8	RFLX.375-8/2M
.437	RFLX.437-6	RFLX.437-8	RFLX.437-8/2M
.500	RFLX.500-6	RFLX.500-8	RFLX.500-8/2M

Zetec® Rotor



Options

Asolute or Differential Coils
Frequency
Working length
Overall length

DiameteZ	100K-1MHz 6" Length	100K-1MHz 8" Length	1-3MHz 8" Length
.187	ZFLXD.187-6	ZFLXD.187-8	ZFLXD.187-8/2M
.250	ZFLXD.250-6	ZFLXD.250-8	ZFLXD.250-8/2M
.312	ZFLXD.312-6	ZFLXD.312-8	ZFLXD.312-8/2M
.375	ZFLXD.375-6	ZFLXD.375-8	ZFLXD.375-8/2M
.437	ZFLXD.437-6	ZFLXD.437-8	ZFLXD.437-8/2M
.500	ZFLXD.500-6	ZFLXD.500-8	ZFLXD.500-8/2M

Swivel Collar w/ Triax Connector

See page 44 for option details



Features

1.0" to 3.2" working length
50 to 500KHz frequency range
All plastic body
Swivel Collar

Options

Working length
Overall Length
Frequency

Diameter	WL	50-500KHZ Unshielded	50-500KHZ Shielded	100K-1MHZ Shielded	100K-1MHZ Differential	1-3MHZ Differential
.125	1.0"	TMH.125	TMHF.125	TMHF.125/500	TMHD.125/500K	TMHD.125/2M
.156	1.0"	TMH.156	TMHF.156	TMHF.156/500K	TMHD.156/500K	TMHD.156/2M
.187	2.0"	TMH.187	TMHF.187	TMHF.187/500K	TMHD.187/500K	TMHD.187/2M
.250	2.0"	TMH.250	TMHF.250	TMHF.250/500K	TMHD.250/500K	TMHD.250/2M
.312	2.0"	TMH.312	TMHF.312	TMHF.312/500K	TMHD.312/500K	TMHD.312/2M
.375	2.0"	TMH.375	TMHF.375	TMHF.375/500K	TMHD.375/500K	TMHD.375/2M
.437	2.0"	TMH.437	TMHF.437	TMHF.437/500K	TMHD.437/500K	TMHD.437/2M
.500	2.0"	TMH.500	TMHF.500	TMHF.500/500K	TMHD.500/500K	TMHD.500/2M
.562	3.2"	TMH.562	TMHF.562	TMHF.562/500K	TMHD.562/500K	TMHD.562/2M
.625	3.2"	TMH.625	TMHF.625	TMHF.625/500K	TMHD.625/500K	TMHD.625/2M
.750	3.2"	TMH.750	TMHF.750	TMHF.750/500K	TMHD.750/500K	TMHD.750/2M
.875	3.2"	TMH.875	TMHF.875	TMHF.875/500K	TMHD.875/500K	TMHD.875/2M
1.00	3.2"	TMH1.0	TMHF1.0	TMHF1.0/500K	TMHD1.0/500K	TMHD1.0/2M

Swivel Collar w/ Microdot Connector

See page 44 for option details



Features

1.0" to 3.2" working length
50 to 500KHz frequency range
All plastic body
Swivel Collar

Options

Working length
Overall Length
Frequency

Diameter	WL	50-500KHZ Unshielded	50-500KHZ Shielded	100K-1MHZ Shielded	100K-1MHZ Differential	1-3MHZ Differential
.125	1.0"	MH.125	MHF.125	MHF.125/500	MHD.125/500K	MHD.125/2M
.156	1.0"	MH.156	MHF.156	MHF.156/500K	MHD.156/500K	MHD.156/2M
.187	2.0"	MH.187	MHF.187	MHF.187/500K	MHD.187/500K	MHD.187/2M
.250	2.0"	MH.250	MHF.250	MHF.250/500K	MHD.250/500K	MHD.250/2M
.312	2.0"	MH.312	MHF.312	MHF.312/500K	MHD.312/500K	MHD.312/2M
.375	2.0"	MH.375	MHF.375	MHF.375/500K	MHD.375/500K	MHD.375/2M
.437	2.0"	MH.437	MHF.437	MHF.437/500K	MHD.437/500K	MHD.437/2M
.500	2.0"	MH.500	MHF.500	MHF.500/500K	MHD.500/500K	MHD.500/2M
.562	3.2"	MH.562	MHF.562	MHF.562/500K	MHD.562/500K	MHD.562/2M
.625	3.2"	MH.625	MHF.625	MHF.625/500K	MHD.625/500K	MHD.625/2M
.750	3.2"	MH.750	MHF.750	MHF.750/500K	MHD.750/500K	MHD.750/2M
.875	3.2"	MH.875	MHF.875	MHF.875/500K	MHD.875/500K	MHD.875/2M
1.00	3.2"	MH1.0	MHF1.0	MHF1.0/500K	MHD1.0/500K	MHD1.0/2M

Adjustable Diameter

See page 44 for option details



Features:

2" working length
300KHz to 1MHz frequency range
Plastic body & back connector
Triax connector
Swivel Collar

Options:

Working length
Overall Length
Microdot connector
Frequency

Available with Triax Connectors

Diameter	WL	"X" TYPE		"Y" TYPE	
		500K-1MHZ	1-3MHZ	500K-1MHZ	1-3MHZ
.125 - .156	2.0"	-----	-----	MHY.125-.156	MHY.125-.156/2M
.156 - .187	2.0"	-----	-----	MHY.156-.187	MHY.156-.187/2M
.187 - .250	2.0"	MHX.187-.250	MHX.187-.250/2M	MHY.187-.250	MHY.187-.250/2M
.250 - .312	2.0"	MHX.250-.312	MHX.250-.312/2M	MHY.250-.312	MHY.250-.312/2M
.312 - .375	2.0"	MHX.312-.375	MHX.312-.375/2M	MHY.312-.375	MHY.312-.375/2M
.375 - .437	2.0"	MHX.375-.437	MHX.375-.437/2M	MHY.375-.437	MHY.375-.437/2M
.437 - .500	2.0"	MHX.437-.500	MHX.437-.500/2M	MHY.437-.500	MHY.437-.500/2M
.500 - .625	2.0"	MHX.500-.625	MHX.500-.625/2M	MHY.500-.625	MHY.500-.625/2M
.625 - .750	2.0"	MHX.625-.750	MHX.625-.750/2M	MHY.625-.750	MHY.625-.750/2M
.750 - .875	2.0"	MHX.750-.875	MHX.750-.875/2M	MHY.750-.875	MHY.750-.875/2M
.875 - 1.000	2.0"	MHX.875-1.0	MHX.875-1.0/2M	MHY.875-1.0	MHY.875-1.0/2M
1.000 - 1.125	2.0"	MHX.1.0-1.125	MHX.1.0-1.125/2M	MHY.1.0-1.125	MHY.1.0-1.125/2M

Countersink w/ Microdot



Pilot Dia.	50-500KHz Unshielded	50-500KHz Shielded	1-3MHz Unshielded
1/8"	MC1.125	MC1F.125	MC1.125/2M
5/32"	MC1.156	MC1F.156	MC1.156/2M
3/16"	MC1.187	MC1F.187	MC1.187/2M
1/4"	MC1.250	MC1F.250	MC1.250/2M
5/16"	MC1.312	MC1F.312	MC1.312/2M
3/8"	MC1.375	MC1F.375	MC1.375/2M
7/16"	MC1.437	MC1F.437	MC1.437/2M
1/2"	MC1.500	MC1F.500	MC1.500/2M

Countersink w/ Triax



Pilot Dia.	50-500KHz Unshielded	50-500KHz Shielded	1-3MHz Unshielded
1/8"	TMC1.125	TMC1F.125	TMC1.125/2M
5/32"	TMC1.156	TMC1F.156	TMC1.156/2M
3/16"	TMC1.187	TMC1F.187	TMC1.187/2M
1/4"	TMC1.250	TMC1F.250	TMC1.250/2M
5/16"	TMC1.312	TMC1F.312	TMC1.312/2M
3/8"	TMC1.375	TMC1F.375	TMC1.375/2M
7/16"	TMC1.437	TMC1F.437	TMC1.437/2M
1/2"	TMC1.500	TMC1F.500	TMC1.500/2M

Straight Pencil Probes

.125" (1/8") Tip

See page 44 for option details

Options

Frequency
Copper shaft
Unshielded



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Microdot Shielded	1-3MHz Triax Shielded
2"	PEN-2	TPEN-2	PENU-2/500K	TPENU-2/500K	PENU-2/2M	TPENU-2/2M
3"	PEN-3	TPEN-3	PENU-3/500K	TPENU-3/500K	PENU-3/2M	TPENU-3/2M
4"	PEN-4	TPEN-4	PENU-4/500K	TPENU-4/500K	PENU-4/2M	TPENU-4/2M
5"	PEN-5	TPEN-5	PENU-5/500K	TPENU-5/500K	PENU-5/2M	TPENU-5/2M
6"	PEN-6	TPEN-6	PENU-6/500K	TPENU-6/500K	PENU-6/2M	TPENU-6/2M
7"	PEN-7	TPEN-7	PENU-7/500K	TPENU-7/500K	PENU-7/2M	TPENU-7/2M
8"	PEN-8	TPEN-8	PENU-8/500K	TPENU-8/500K	PENU-8/2M	TPENU-8/2M
9"	PEN-9	TPEN-9	PENU-9/500K	TPENU-9/500K	PENU-9/2M	TPENU-9/2M
10"	PEN-10	TPEN-10	PENU-10/500K	TPENU-10/500K	PENU-10/2M	TPENU-10/2M
11"	PEN-11	TPEN-11	PENU-11/500K	TPENU-11/500K	PENU-11/2M	TPENU-11/2M
12"	PEN-12	TPEN-12	PENU-12/500K	TPENU-12/500K	PENU-12/2M	TPENU-12/2M

.062" (1/16") Tip

Options

Frequency
Copper shaft
Unshielded



Length	50-500KHz Microdot	50-500KHz Triax	1-3MHz Microdot	1-3MHz Triax
2"	SPEN-2	TSPEN-2	SPEN-2/2M	TSPEN-2/2M
3"	SPEN-3	TSPEN-3	SPEN-3/2M	TSPEN-3/2M
4"	SPEN-4	TSPEN-4	SPEN-4/2M	TSPEN-4/2M
5"	SPEN-5	TSPEN-5	SPEN-5/2M	TSPEN-5/2M
6"	SPEN-6	TSPEN-6	SPEN-6/2M	TSPEN-6/2M
7"	SPEN-7	TSPEN-7	SPEN-7/2M	TSPEN-7/2M
8"	SPEN-8	TSPEN-8	SPEN-8/2M	TSPEN-8/2M

.050" Tip



Length	50-500KHz Triax	1-3MHz Triax
2"	TXPEN-2	TXPEN-2/2M
3"	TXPEN-3	TXPEN-3/2M
4"	TXPEN-4	TXPEN-4/2M
5"	TXPEN-5	TXPEN-5/2M
6"	TXPEN-6	TXPEN-6/2M
7"	TXPEN-7	TXPEN-7/2M
8"	TXPEN-8	TXPEN-8/2M

.040" Tip



Length	50-500KHz Triax	1-3MHz Triax
2"	TX4PEN-2	TX4PEN-2/2M
3"	TX4PEN-3	TX4PEN-3/2M
4"	TX4PEN-4	TX4PEN-4/2M
5"	TX4PEN-5	TX4PEN-5/2M
6"	TX4PEN-6	TX4PEN-6/2M
7"	TX4PEN-7	TX4PEN-7/2M
8"	TX4PEN-8	TXPEN-8/2M

General purpose eddy current probe for detection of surface and near surface defects around protruding head fasteners and other structures in aircraft structures.

Options

Frequency up to 6MHz
Flexible copper shaft
Unshielded plastic tip
Bent Handle

See page 44 for option details

.030" Drop - .125" Tip



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PEN903-3	TPEN903-3	PENU903-3/500K	TPENU903-3/500K	TPENU903-3/2M
4"	PEN903-4	TPEN903-4	PENU903-4/500K	TPENU903-4/500K	TPENU903-4/2M
5"	PEN903-5	TPEN903-5	PENU903-5/500K	TPENU903-5/500K	TPENU903-5/2M
6"	PEN903-6	TPEN903-6	PENU903-6/500K	TPENU903-6/500K	TPENU903-6/2M
7"	PEN903-7	TPEN903-7	PENU903-7/500K	TPENU903-7/500K	TPENU903-7/2M
8"	PEN903-8	TPEN903-8	PENU903-8/500K	TPENU903-8/500K	TPENU903-8/2M
9"	PEN903-9	TPEN903-9	PENU903-9/500K	TPENU903-9/500K	TPENU903-9/2M
10"	PEN903-10	TPEN903-10	PENU903-10/500K	TPENU903-10/500K	TPENU903-10/2M

.100" Drop - .125" Tip



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PEN91-3	TPEN91-3	PENU91-3/500K	TPENU91-3/500K	TPENU91-3/2M
4"	PEN91-4	TPEN91-4	PENU91-4/500K	TPENU91-4/500K	TPENU91-4/2M
5"	PEN91-5	TPEN91-5	PENU91-5/500K	TPENU91-5/500K	TPENU91-5/2M
6"	PEN91-6	TPEN91-6	PENU91-6/500K	TPENU91-6/500K	TPENU91-6/2M
7"	PEN91-7	TPEN91-7	PENU91-7/500K	TPENU91-7/500K	TPENU91-7/2M
8"	PEN91-8	TPEN91-8	PENU91-8/500K	TPENU91-8/500K	TPENU91-8/2M
9"	PEN91-9	TPEN91-9	PENU91-9/500K	TPENU91-9/500K	TPENU91-9/2M
10"	PEN91-10	TPEN91-10	PENU91-10/500K	TPENU91-10/500K	TPENU91-10/2M

.250" Drop - .125" Tip



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PEN925-3	TPEN925-3	PENU925-3/500K	TPENU925-3/500K	TPENU925-3/2M
4"	PEN925-4	TPEN925-4	PENU925-4/500K	TPENU925-4/500K	TPENU925-4/2M
5"	PEN925-5	TPEN925-5	PENU925-5/500K	TPENU925-5/500K	TPENU925-5/2M
6"	PEN925-6	TPEN925-6	PENU925-6/500K	TPENU925-6/500K	TPENU925-6/2M
7"	PEN925-7	TPEN925-7	PENU925-7/500K	TPENU925-7/500K	TPENU925-7/2M
8"	PEN925-8	TPEN925-8	PENU925-8/500K	TPENU925-8/500K	TPENU925-8/2M
9"	PEN925-9	TPEN925-9	PENU925-9/500K	TPENU925-9/500K	TPENU925-9/2M
10"	PEN925-10	TPEN925-10	PENU925-10/500K	TPENU925-10/500K	TPENU925-10/2M

90° Pencil Probes

General purpose eddy current probe for detection of surface and near surface defects around protruding head fasteners and other structures in aircraft structures.

Options

Frequency up to 6MHz
Flexible copper shaft
Unshielded plastic tip
Bent Handle

See page 44 for option details

.500" Drop - .125" Tip



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PENU95-3	TPENU95-3	PENU95-3/500K	TPENU95-3/500K	TPENU95-3/2M
4"	PENU95-4	TPENU95-4	PENU95-4/500K	TPENU95-4/500K	TPENU95-4/2M
5"	PENU95-5	TPENU95-5	PENU95-5/500K	TPENU95-5/500K	TPENU95-5/2M
6"	PENU95-6	TPENU95-6	PENU95-6/500K	TPENU95-6/500K	TPENU95-6/2M
7"	PENU95-7	TPENU95-7	PENU95-7/500K	TPENU95-7/500K	TPENU95-7/2M
8"	PENU95-8	TPENU95-8	PENU95-8/500K	TPENU95-8/500K	TPENU95-8/2M
9"	PENU95-9	TPENU95-9	PENU95-9/500K	TPENU95-9/500K	TPENU95-9/2M
10"	PENU95-10	TPENU95-10	PENU95-10/500K	TPENU95-10/500K	TPENU95-10/2M

.750" Drop - .125" Tip



.880"

Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PEN97.5-3	TPEN975-3	PENU975-3/500K	TPENU975-3/500K	TPENU975-3/2M
4"	PEN97.5-4	TPEN975-4	PENU975-4/500K	TPENU975-4/500K	TPENU975-4/2M
5"	PEN97.5-5	TPEN975-5	PENU975-5/500K	TPENU975-5/500K	TPENU975-5/2M
6"	PEN97.5-6	TPEN975-6	PENU975-6/500K	TPENU975-6/500K	TPENU975-6/2M
7"	PEN97.5-7	TPEN975-7	PENU975-7/500K	TPENU975-7/500K	TPENU975-7/2M
8"	PEN97.5-8	TPEN975-8	PENU975-8/500K	TPENU975-8/500K	TPENU975-8/2M
9"	PEN97.5-9	TPEN975-9	PENU975-9/500K	TPENU975-9/500K	TPENU975-9/2M
10"	PEN97.5-10	TPEN975-10	PENU975-10/500K	TPENU975-10/500K	TPENU975-10/2M

1.0" Drop - .125" Tip



Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Shielded
3"	PEN9100-3	TPEN9100-3	PENU9100-3/500K	TPENU9100-3/500K	TPENU9100-3/2M
4"	PEN9100-4	TPEN9100-4	PENU9100-4/500K	TPENU9100-4/500K	TPENU9100-4/2M
5"	PEN9100-5	TPEN9100-5	PENU9100-5/500K	TPENU9100-5/500K	TPENU9100-5/2M
6"	PEN9100-6	TPEN9100-6	PENU9100-6/500K	TPENU9100-6/500K	TPENU9100-6/2M
7"	PEN9100-7	TPEN9100-7	PENU9100-7/500K	TPENU9100-7/500K	TPENU9100-7/2M
8"	PEN9100-8	TPEN9100-8	PENU9100-8/500K	TPENU9100-8/500K	TPENU9100-8/2M
9"	PEN9100-9	TPEN9100-9	PENU9100-9/500K	TPENU9100-9/500K	TPENU9100-9/2M
10"	PEN9100-10	TPEN9100-10	PENU9100-10/500K	TPENU9100-10/500K	TPENU9100-10/2M

45° - .125" Tip

See page 44 for option details

Options

500KHz to 2MHz frequency range

Flexible copper shaft

Unshielded plastic tip



Length	50-500KHz Microdot	50-500KHz Triax	1-3MHz Microdot
2"	PEN45-2	TPEN45-2	PEN45-2/2M
3"	PEN45-3	TPEN45-3	PEN45-3/2M
4"	PEN45-4	TPEN45-4	PEN45-4/2M
5"	PEN45-5	TPEN45-5	PEN45-5/2M
6"	PEN45-6	TPEN45-6	PEN45-6/2M
7"	PEN45-7	TPEN45-7	PEN45-7/2M
8"	PEN45-8	TPEN45-8	PEN45-8/2M

30° - .125" Tip

Options

500KHz to 2MHz frequency range

Flexible copper shaft

Unshielded plastic tip



Length	50-500KHz Microdot	50-500KHz Triax	1-3MHz Microdot
2"	PEN35-2	TPEN35-2	PEN35-2/2M
3"	PEN35-3	TPEN35-3	PEN35-3/2M
4"	PEN35-4	TPEN35-4	PEN35-4/2M
5"	PEN35-5	TPEN35-5	PEN35-5/2M
6"	PEN35-6	TPEN35-6	PEN35-6/2M
7"	PEN35-7	TPEN35-7	PEN35-7/2M
8"	PEN35-8	TPEN35-8	PEN35-8/2M

30° - .062" (1/16") Tip



Options

Frequency up to 6MHz

Length	50-500KHz Microdot	50-500KHz Triax	1-3MHz Microdot
2"	SPEN35-2	TSPEN35-2	SPEN35-2/2M
3"	SPEN35-3	TSPEN35-3	SPEN35-3/2M
4"	SPEN35-4	TSPEN35-4	SPEN35-4/2M
5"	SPEN35-5	TSPEN35-5	SPEN35-5/2M
6"	SPEN35-6	TSPEN35-6	SPEN35-6/2M
7"	SPEN35-7	TSPEN35-7	SPEN35-7/2M
8"	SPEN35-8	TSPEN35-8	SPEN35-8/2M

.050" Tip - 45°



Length	50-500KHz	1-3MHz
2"	XPEN45-2	XPEN45-2/2M
3"	XPEN45-3	XPEN45-3/2M
4"	XPEN45-4	XPEN45-4/2M
5"	XPEN45-5	XPEN45-5/2M
6"	XPEN45-6	XPEN45-6/2M
7"	XPEN45-7	XPEN45-7/2M
8"	XPEN45-8	XPEN45-8/2M

.050" Tip - 30°



Length	50-500KHz	1-3MHz
2"	XPEN35-2	XPEN35-2/2M
3"	XPEN35-3	XPEN35-3/2M
4"	XPEN35-4	XPEN35-4/2M
5"	XPEN35-5	XPEN35-5/2M
6"	XPEN35-6	XPEN35-6/2M
7"	XPEN35-7	XPEN35-7/2M
8"	XPEN35-8	XPEN35-8/2M

Low Frequency Probes

Spot Bridge (Differential)

See page 44 for option details



Spot bridge/differential probes can be referred to as surface probes but are a lower frequency than their high frequency counterparts can be used to find generic subsurface defects. They are normally fitted with a triax detachable connector but can be fitted with a 2 pin microdot or 4 pin Fischer connector.

Add 2M for 2 Pin microdot and 4F for 4 Pin Fischer

O.D.	50-500Hz	100Hz-1KHz	500Hz-2KHz	1-10KHz	5-20KHz	20-50KHz
.300"	-----	-----	SB.3-500H	SB.3-1K	SB.3-5K	SB.3-20K
.350"	-----	SB.35-100H	SB.35-500H	SB.35-1K	SB.35-5K	SB.35-20K
.400"	SB.4-50H	SB.4-100H	SB.4-500H	SB.4-1K	SB.4-5K	SB.4-20K
.500"	SB.5-50H	SB.5-100H	SB.5-500H	SB.5-1K	SB.5-5K	SB.5-20K
.600"	SB.6-50H	SB.6-100H	SB.6-500H	SB.6-1K	SB.6-5K	SB.6-20K
.700"	SB.7-50H	SB.7-100H	SB.7-500H	SB.7-1K	SB.7-5K	SB.7-20K
.800"	SB.8-50H	SB.8-100H	SB.8-500H	SB.8-1K	SB.8-5K	-----
.900"	SB.9-50H	SB.9-100H	SB.9-500H	SB.9-1K	-----	-----
1.00"	SB1.0-50H	SB1.0-100H	SB1.0-500H	SB1.0-1K	-----	-----
1.20"	SB1.2-50H	SB1.2-100H	SB1.2-500H	-----	-----	-----

Ring Bridge (Differential)

See page 44 for option details



Ring bridge/differential probes have the same characteristics as their spot probe counterparts but are useful for inspections around fasteners. They are also fitted with a triax detachable connector but can be fitted with a 2 pin microdot or 4 pin Fischer connector or other connectors on request.

Add 2M for 2 Pin microdot and 4F for 4 Pin Fischer

I.D.	O.D.	50-500Hz	100Hz-1KHz	500Hz-2KHz	1-10KHz	5-20KHz
.250"	.600"	-----	-----	RB.6-500H	RB.6-1K	RB.6-5K
.300"	.650"	-----	RB.65-100H	RB.65-500H	RB.65-1K	RB.65-5K
.350"	.700"	RB.7-50H	RB.7-100H	RB.7-500H	RB.7-1K	RB.7-5K
.400"	.750"	RB.75-50H	RB.75-100H	RB.75-500H	RB.75-1K	RB.75-5K
.450"	.800"	RB.8-50H	RB.8-100H	RB.8-500H	RB.8-1K	RB.8-5K
.500"	.850"	RB.85-50H	RB.85-100H	RB.85-500H	RB.85-1K	RB.85-5K
.550"	.900"	RB.9-50H	RB.9-100H	RB.9-500H	RB.9-1K	RB.9-5K
.600"	1.0"	RB1.0-50H	RB1.0-100H	RB1.0-500H	RB1.0-1K	-----
.650"	1.1"	RB1.1-50H	RB1.1-100H	RB1.1-500H	-----	-----
.700"	1.2"	RB1.2-50H	RB1.2-100H	-----	-----	-----

Spot Reflection (Driver/Pickup)

See page 44 for option details



Spot reflection probes, unlike the bridge/differential type have a broader frequency band, greater depth penetration and less noise. They come standard with a triax detachable connector and can be supplied with a 2 pin microdot, 4 pin Fischer or 4 pin Lemo connectors.

Add 2M for 2 Pin microdot and 4F for 4 Pin Fischer.

O.D.	50-500Hz	100Hz-1KHz	500Hz-2KHz	1-10KHz	5-20KHz	20-50KHz
.300"	-----	-----	SDP.3-500H	SDP.3-1K	SDP.3-5K	SDP.3-20K
.350"	-----	SDP.35-100H	SDP.35-500H	SDP.35-1K	SDP.35-5K	SDP.35-20K
.400"	SDP.4-50H	SDP.4-100H	SDP.4-500H	SDP.4-1K	SDP.4-5K	SDP.4-20K
.500"	SDP.5-50H	SDP.5-100H	SDP.5-500H	SDP.5-1K	SDP.5-5K	SDP.5-20K
.600"	SDP.6-50H	SDP.6-100H	SDP.6-500H	SDP.6-1K	SDP.6-5K	SDP.6-20K
.700"	SDP.7-50H	SDP.7-100H	SDP.7-500H	SDP.7-1K	SDP.7-5K	SDP.7-20K
.800"	SDP.8-50H	SDP.8-100H	SDP.8-500H	SDP.8-1K	SDP.8-5K	-----
.900"	SDP.9-50H	SDP.9-100H	SDP.9-500H	SDP.9-1K	-----	-----
1.00"	SDP1.0-50H	SDP1.0-100H	SDP1.0-500H	SDP1.0-1K	-----	-----
1.20"	SDP1.2-50H	SDP1.2-100H	SDP1.2-500H	-----	-----	-----

Ring Reflection (Driver/Pickup)

See page 44 for option details



Ring reflection probes have a broader frequency band, greater depth penetration and less noise as well as the ability to operate around large fasteners for deep layer crack detection. They are equipped with a triax detachable connector but can also be supplied with a 2 pin microdot, 4 pin Fischer or 4 pin Lemo on request.

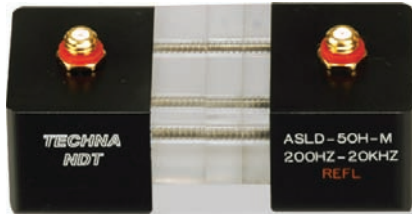
Add 2M for 2 Pin microdot and 4F for 4 Pin Fischer.

I.D.	O.D.	50-500Hz	100Hz-1KHz	500Hz-2KHz	1-10KHz	5-20KHz
.250"	.600"	-----	-----	RDP.6-500H	RDP.6-1K	RDP.6-5K
.300"	.650"	-----	RDP.65-100H	RDP.65-500H	RDP.65-1K	RDP.65-5K
.350"	.700"	RDP.7-50H	RDP.7-100H	RDP.7-500H	RDP.7-1K	RDP.7-5K
.400"	.750"	RDP.75-50H	RDP.75-100H	RDP.75-500H	RDP.75-1K	RDP.75-5K
.450"	.800"	RDP.8-50H	RDP.8-100H	RDP.8-500H	RDP.8-1K	RDP.8-5K
.500"	.850"	RDP.85-50H	RDP.85-100H	RDP.85-500H	RDP.85-1K	RDP.85-5K
.550"	.900"	RDP.9-50H	RDP.9-100H	RDP.9-500H	RDP.9-1K	RDP.9-5K
.600"	1.0"	RDP1.0-50H	RDP1.0-100H	RDP1.0-500H	RDP1.0-1K	-----
.650"	1.1"	RDP1.1-50H	RDP1.1-100H	RDP1.1-500H	-----	-----
.700"	1.2"	RDP1.2-50H	RDP1.2-100H	-----	-----	-----

Low Frequency Probes

Sliding Probes

Sliding probes operate in reflection mode and are useful for inspecting rows of fasteners for surface and near-surface cracks.



Adjustable

Fitted with dual microdot connectors

Frequency	Thunscrew Adjustment	Manual Spacers
50Hz-1KHz	ASLD-50H-A	ASLD-50H-A
100Hz-20KHz	ASLD-100H-A	ASLD-100H-A
500Hz-50KHz	ASLD-500H-A	ASLD-500H-A
1KHz-100KHz	ASLD-1K-A	ASLD-1K-A
10KHz-500KHz	ASLD-10K-A	ASLD-10K-A

Fixed

Fitted with triax, 2 pin or 4 pin connectors



Frequency	2-Pin Microdot	Triax	4-Pin Fischer
50Hz-1KHz	SLD50H-2M	SLD50H-2M	SLD50H-4F
100Hz-20KHz	SLD100H-2M	SLD100H-2M	SLD100H-4F
500Hz-50KHz	SLD500H-2M	SLD500H-2M	SLD500H-4F
1KHz-100KHz	SLD1K-2M	SLD1K-2M	SLD1K-4F
10KHz-500KHz	SLD10K-2M	SLD10K-2M	SLD10K-4F

LF Pencil Probes

See page 44 for option details

Low frequency pencil probes are excellent for areas around fasteners where greater penetration is required.



Length	1-5KHz Bridge 90° .5" Drop	2-10KHz Bridge 90° .5" Drop	5-20KHz Bridge 90° .5" Drop	2-10KHz Bridge Straight	1-10KHz Reflection 90° .5" Drop	10-50KHz Reflection 90° .5" Drop
3.0"	TPN95-3/1K	TPN95-3/2K	TPN95-3/5K	TPN-3/2K	TPNR95-3/5K	TPNR92-3/20K
4.0"	TPN95-4/1K	TPN95-4/2K	TPN95-4/5K	TPN-4/2K	TPNR95-4/5K	TPNR92-4/20K
5.0"	TPN95-5/1K	TPN95-5/2K	TPN95-5/5K	TPN-5/2K	TPNR95-5/5K	TPNR92-5/20K
6.0"	TPN95-6/1K	TPN95-6/2K	TPN95-6/5K	TPN-6/2K	TPNR95-6/5K	TPNR92-6/20K
7.0"	TPN95-7/1K	TPN95-7/2K	TPN95-7/5K	TPN-7/2K	TPNR95-7/5K	TPNR92-7/20K
8.0"	TPN95-8/1K	TPN95-8/2K	TPN95-8/5K	TPN-8/2K	TPNR95-8/5K	TPNR92-8/20K
9.0"	TPN95-9/1K	TPN95-9/2K	TPN95-9/5K	TPN-9/2K	TPNR95-9/5K	TPNR92-9/20K
10.0"	TPN95-10/1K	TPN95-10/2K	TPN95-10/5K	TPN-10/2K	TPNR95-10/5K	TPNR92-10/20K

Spring Loaded Probes

Spring loaded probes are excellent for situations where constant tip-to-surface angle and pressure is required. These probes are typically used for part sampling and corrosion detection.

Bridge (Differential)



Diameter	Frequency	2-Pin Microdot	Triax
.125"	100-500KHz	SPD.125-100K-2M	SPD.125-100K
.125"	500KHz-1MHz	SPD.125-500K-2M	SPD.125-500K
.250"	10-20KHz	SPD-.25-10K-2M	SPD.25-10K
.250"	20-100KHz	SPD.25-20K-2M	SPD.25-20K
.375"	500Hz-1KHz	SPD.375-500H-2M	SPD.375-500H
.375"	1-5KHz	SPD.375-1K-2M	SPD.375-1K
.375"	5-10KHz	SPD.375-5K-2M	SPD.375-5K
.375"	10-50KHz	SPD.375-10K-2M	SPD.375-10K



Reflection

Diameter	Frequency	2-Pin Microdot	Triax
.250"	20-100KHz	SPR.25-20K-2M	SPR.25-20K
.250"	100-500KHz	SPR.25-100K-2M	SPR.25-100K
.375"	500Hz-1KHz	SPR.375-500H-2M	SPR.375-500H
.375"	1-5KHz	SPR.375-1K-2M	SPR.375-1K
.375"	5-10KHz	SPR.375-5K-2M	SPR.375-5K

Blade Probes

Specialized surface probe originally used for access to clevis lugs and adjacent structures but is excellent for any narrow gap or other areas that are difficult to reach.



Angle	Thickness	50-500KHz Microdot	50-500KHz Triax
Straight	.045"	BL045-6	TBL045-6
Straight	.060"	BL060-6	BL060-6
Straight	.090"	BL090-6	BL090-6
30°	.060"	BL360-6	BL360-6
30°	.090"	BL390-6	BL390-6
45°	.045"	BL445-6	BL445-6
45°	.060"	BL460-6	BL460-6
45°	.090"	BL490-6	BL490-6
60°	.045"	BL645-6	BL645-6
60°	.060"	BL660-6	BL660-6
90°	.045"	BL945-6	BL945-6
90°	.060"	BL960-6	BL960-6

Wheel Probes & Standards

Wide scanning of bead seat area of aircraft wheels. Features include a close tolerance molding to wheel profile thus eliminating effects of lift-off. Standard frequency is 500KHz. Probe coils are bridge/differential that are run in reflection mode.



Aircraft	PROBES		STANDARDS		KITS
	Main	Nose	Main	Nose	Part No.
B717	ACPM-717	ACPN-717	ACWM-717	ACWN-717	ACPK-717
B727	ACPM-727	ACPN-727	ACWM-727	ACWN-727	ACPK-727
B737	ACPM-737	ACPN-737	ACWM-737	ACWN-737	ACPK-737
B747	ACPM-747	ACPN-747	ACWM-747	ACWN-747	ACPK-747
B757	ACPM-757	ACPN-757	ACWM-757	ACWN-757	ACPK-757
B767	ACPM-767	ACPN-767	ACWM-767	ACWN-767	ACPK-767
B777	ACPM-777	ACPN-777	ACWM-777	ACWN-777	ACPK-777
DC-9	ACPM-DC9	ACPN-DC9	ACWM-DC9	ACWN-DC9	ACPK-DC9
DC-10	ACPM-DC10	ACPN-DC10	ACWM-DC10	ACWN-DC10	ACPK-DC10
MD-11	ACPM-MD11	ACPN-MD11	ACWM-MD11	ACWN-MD11	ACPK-MD11
MD-88	ACPM-MD88	ACPN-MD88	ACWM-MD88	ACWN-MD88	ACPK-MD88
KC-135	ACPM-KC135	ACPN-KC135	ACWM-KC135	ACWN-KC135	ACPK-KC135
C-130	ACPM-C130	ACPN-C130	ACWM-C130	ACWN-C130	ACPK-C130
F-15C,D	ACPM-F15	ACPN-F15	ACWM-F15	ACWN-F15	ACPK-F15
F-15E	ACPM-F15E	ACPN-F15E	ACWM-F15E	ACWN-F15E	ACPK-F15E
F-16	ACPM-F16	ACPN-F16	ACWM-F16	ACWN-F16	ACPK-F16
A-10	ACPM-A10	ACPN-A10	ACWM-A10	ACWN-A10	ACPK-A10

Defectometer Hole Probes

See page 44 for option details

The hole and surface probes listed on this page are designed for the new Defectometer 2.837 but are backwards compatible to earlier versions including the 2.835. Defectometer probes are available in 2MHz only.



Diameter	Unshielded	NF (Non-Ferrous)	F (Ferrous)
		Shielded	Unshielded
.085	FHN.085	FHNS.085	FHF.085
.090	FHN.090	FHNS.090	FHF.090
.100	FHN.100	FHNS.100	FHF.100
.125	FHN.125	FHNS.125	FHF.125
.156	FHN.156	FHNS.156	FHF.156
.187	FHN.187	FHNS.187	FHF.187
.250	FHN.250	FHNS.250	FHF.250
.312	FHN.312	FHNS.312	FHF.312
.375	FHN.375	FHNS.375	FHF.375
.437	FHN.437	FHNS.437	FHF.437
.500	FHN.500	FHNS.500	FHF.500
.562	FHN.562	FHNS.562	FHF.562
.625	FHN.625	FHNS.625	FHF.625
.750	FHN.750	FHNS.750	FHF.750
.875	FHN.875	FHNS.875	FHF.875
1.00	FHN-1.0	FHNS-1.0	FHF-1.0

Defectometer Pencil Probes

See page 44 for option details



Length	NF (Non-Ferrous)		NF (Non-Ferrous)		F (Ferrous)	
	Straight	90° w/ .5" drop	Straight	90° w/ .5" drop	Straight	90° w/ .2" drop
3.0"	FPN-3	FPN95-3	FPNS-3	FPNS95-3	FPF-3	FPF92-3
4.0"	FPN-4	FPN95-4	FPNS-4	FPNS95-4	FPF-4	FPF92-4
5.0"	FPN-5	FPN95-5	FPNS-5	FPNS95-5	FPF-5	FPF92-5
6.0"	FPN-6	FPN95-6	FPNS-6	FPNS95-6	FPF-6	FPF92-6
7.0"	FPN-7	FPN95-7	FPNS-7	FPNS95-7	FPF-7	FPF92-7
8.0"	FPN-8	FPN95-8	FPNS-8	FPNS95-8	FPF-8	FPF92-8
9.0"	FPN-9	FPN95-9	FPNS-9	FPNS95-9	FPF-9	FPF92-9
10.0"	FPN-10	FPN95-10	FPNS-10	FPNS95-10	FPF-10	FPF92-10

Straight Beam



1.0 MHz

Standard Features

Stainless steel case
Top or side mount microdot

Options

Top or side mount microdot
Outside diameter

Element Size	O.D.	Case	Part No.
.500" (13mm)	.625" (16mm)	Knurled	TC-501
.750" (19mm)	.900" (23mm)	Knurled	TC-751
1.00" (25mm)	1.15" (29mm)	Knurled	TC-1001

2.25 MHz

Standard Features

Stainless steel case
Side mount microdot

Options

Top mount microdot
Outside diameter

Element Size	O.D.	Case	Part No.
.187" (5mm)	.250" (6mm)	Knurled	TC-182
.250" (6mm)	.375" (9,0mm)	Knurled	TC-252
.375" (9,5mm)	.475" (12mm)	Knurled	TC-372
.500" (13mm)	.625" (16mm)	Knurled	TC-502
.750" (19mm)	.900" (23mm)	Knurled	TC-752
1.00" (25mm)	1.15" (29mm)	Knurled	TC-1002

5.0 MHz

Standard Features

Stainless steel case
Top or side mount microdot

Options

Side mount microdot
Outside diameter

Element Size	O.D.	Case	Part No.
.187" (5mm)	.250" (6mm)	Knurled	TC-185
.187" (5mm)	.312" (8mm)	Knurled	TC-185-1
.250" (6mm)	.312" (8mm)	Knurled	TC-255
.250" (6mm)	.375" (9mm)	Knurled	TC-255-1
.250" (6mm)	.375" (9mm)	Smooth	TC5-255 .500" High
.250" (6mm)	.375" (9mm)	Smooth	TC8-255 .800" High
.250" (6mm)	.375" (9mm)	Smooth	TC5-255 1.50" High
.375" (9,5mm)	.475" (12mm)	Knurled	TC-375
.500" (13mm)	.625" (16mm)	Knurled	TC-505
.750" (19mm)	.900" (23mm)	Knurled	TC-755
1.00" (25mm)	1.15" (29mm)	Knurled	TC-1005

10 MHz

Standard Features

Stainless steel case
Top or side mount microdot

Options

Side mount microdot
Outside diameter

Element Size	O.D.	Case	Part No.	
.125" (3mm)	.187" (5mm)	Smooth	TC-1210	Hardwired
.187" (5mm)	.250" (6mm)	Knurled	TC-1810	
.187" (5mm)	.312" (8mm)	Knurled	TC-1810	
.250" (6mm)	.312" (8mm)	Knurled	TC-2510	
.250" (6mm)	.375" (9,5mm)	Knurled	TC-2510-1	
.250" (6mm)	.375" (9,5mm)	Smooth	TC5-2510	.500" High
.250" (6mm)	.375" (9,5mm)	Smooth	TC8-2510	.800" High
.250" (6mm)	.375" (9,5mm)	Smooth	TC15-2510	1.5" High
.375" (9,5mm)	.475" (12mm)	Knurled	TC-3710	
.500" (13mm)	.475" (12mm)	Knurled	TC-3710	

Permanent Delay Line



Frequency	Element Size	O.D.	Order Part No.
2.25 MHz	.500" (13mm)	.625" (16mm)	TPD-502
5.0 MHz	.250" (6mm)	.375" (9,5mm)	TPD-255
5.0 MHz	.500" (13mm)	.625" (16mm)	TPD-505
10 MHz	.125" (3mm)	.170" (4mm)	TPD-1210
10 MHz	.250" (6mm)	.312" (8mm)	TPD-2510
15 MHz	.125" (3mm)	.170" (4mm)	TPD-1215
15 MHz	.250" (6mm)	.312" (8mm)	TPD-2515
20 MHz	.125" (3mm)	.145" (3,7mm)	TPD-1220

Replaceable Delay Line



Frequency	Element Size	O.D.	Order Part No.
2.25 MHz	.500" (13mm)	.900" (23mm)	TRD-502
5.0 MHz	.250" (6mm)	.530" (13.5mm)	TRD-255
5.0 MHz	.500" (13mm)	.900" (23mm)	TRD-505
10 MHz	.125" (3mm)	.400" (10mm)	TRD-1210
10 MHz	.250" (6mm)	.530" (13,5mm)	TRD-2510
15 MHz	.125" (3mm)	.400" (10mm)	TRD-1215
15 MHz	.250" (6mm)	.530" (13.5mm)	TRD-2515
20 MHz	.125" (3mm)	.400" (10mm)	TRD-1220

Replaceable Delay Options

Element Size	Standard Delay	Spare Ring
.125"	TDS-12	TDG-12
.250"	TDS-25	TDG-25
.500"	TDS-50	TDG-50

Dual Element



Frequency	Element Size	O.D.	Order Part No.
1.0 MHz	.500" (13mm)	.625" (16mm)	TDE-501
1.0 MHz	.750" (19mm)	.900" (23mm)	TDE-751
2.25 MHz	.250" (6mm)	.312" (8mm)	TDE-252
2.25 MHz	.375" (13mm)	.475" (12mm)	TDE-372
2.25 MHz	.500" (3,5mm)	.625" (16mm)	TDE-502
5.0 MHz	.250" (13mm)	.312" (8mm)	TDE-255
5.0 MHz	.375" (9,5mm)	.475" (12mm)	TDE-375
5.0 MHz	.500" (13mm)	.625" (16mm)	TDE-505
10 MHz	.250" (6mm)	.312" (8mm)	TDE-2510
10MHz	.375" (9,5mm)	.475" (12mm)	TDE-3710
10 MHz	.500" (13mm)	.625" (16mm)	TDE-5010
15 MHz	.250" (6mm)	.312" (8mm)	TDE-2515
15 MHz	.375" (9,5mm)	.475" (12mm)	TDE-3715

Shear Wave Transducers

Extra Small Case - .187" element



Standard Features

Positive grip style case

Options

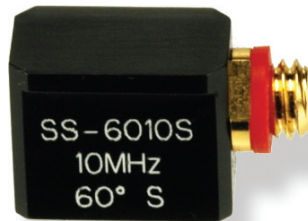
Top or side mounted connector

Case Size: .375" H (9,5mm)
.375" L (9,5mm)
.260" W (6,6mm)

Excellent signal to noise ratios and is the perfect choice for difficult access inspections.

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35°	Steel	XS-352S	XS-352T	XS-355S	XS-355T	XS-3510S	XS-3510T
35°	Aluminum	XA-352S	XA-352T	XA-355S	XA-355T	XA-3510S	XA-3510T
45°	Steel	XS-452S	XS-452T	XS-455S	XS-455T	XS-4510S	XS-4510T
45°	Aluminum	XA-452S	XA-452T	XA-455S	XA-455T	XA-4510S	XA-4510T
60°	Steel	XS-602S	XS-602T	XS-605S	XS-605T	XS-6010S	XS-6010T
60°	Aluminum	XA-602S	XA-602T	XA-605S	XA-605T	XA-6010S	XA-6010T
70°	Steel	XS-702S	XS-702T	XS-705S	XS-705T	XS-7010S	XS-7010T
70°	Aluminum	XA-702S	XA-702T	XA-705S	XA-705T	XA-7010S	XA-7010T

Small Case - .187" element



Standard Features

Positive grip style case

Options

Top or side mounted connector

Any angle not shown as application requires

Case Size: .400" H (10mm)
.500" L (12,7mm)
.260" W (6,6mm)

Excellent signal to noise ratios and is good for medium-difficult access situations.

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35°	Steel	SS-352S	SS-352T	SS-355S	SS-355T	SS-3510S	SS-3510T
35°	Aluminum	SA-352S	SA-352T	SA-355S	SA-355T	SA-3510S	SA-3510T
45°	Steel	SS-452S	SS-452T	SS-455S	SS-455T	SS-4510S	SS-4510T
45°	Aluminum	SA-452S	SA-452T	SA-455S	SA-455T	SA-4510S	SA-4510T
60°	Steel	SS-602S	SS-602T	SS-605S	SS-605T	SS-6010S	SS-6010T
60°	Aluminum	SA-602S	SA-602T	SA-605S	SA-605T	SA-6010S	SA-6010T
70°	Steel	SS-702S	SS-702T	SS-705S	SS-705T	SS-7010S	SS-7010T
70°	Aluminum	SA-702S	SA-702T	SA-705S	SA-705T	SA-7010S	SA-7010T

Medium Case - .25" element



Standard Features

Positive grip style case

Options

Side or top mounted microdot

Case Size: .500" H (12,7mm)
.750" L (19mm)
.350" W (8,9mm)

Wide area scans and deep penetrations.

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35°	Steel	MS-352S	MS-352T	MS-355S	MS-355T	MS-3510S	MS-3510T
35°	Aluminum	MA-352S	MA-352T	MA-355S	MA-355T	MA-3510S	MA-3510T
45°	Steel	MS-452S	MS-452T	MS-455S	MS-455T	MS-4510S	MS-4510T
45°	Aluminum	MA-452S	MA-452T	MA-455S	MA-455T	MA-4510S	MA-4510T
60°	Steel	MS-602S	MS-602T	MS-605S	MS-605T	MS-6010S	MS-6010T
60°	Aluminum	MA-602S	MA-602T	MA-605S	MA-605T	MA-6010S	MA-6010T
70°	Steel	MS-702S	MS-702T	MS-705S	MS-705T	MS-7010S	MS-7010T
70°	Aluminum	MA-702S	MA-702T	MA-705S	MA-705T	MA-7010S	MA-7010T

Large Case - .375" element



Standard Features

Positive grip style case

Options

Top or side mounted microdot

Case Size: .625" H (15,9mm)
1.00" L (25,4mm)
.480" W (12,2mm)

Wide area scans and deep penetrations.

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35°	Steel	LS-352S	LS-352T	LS-355S	LS-355T	LS-3510S	LS-3510T
35°	Aluminum	LA-352S	LA-352T	LA-355S	LA-355T	LA-3510S	LA-3510T
45°	Steel	LS-452S	LS-452T	LS-455S	LS-455T	LS-4510S	LS-4510T
45°	Aluminum	LA-452S	LA-452T	LA-455S	LA-455T	LA-4510S	LA-4510T
60°	Steel	LS-602S	LS-602T	LS-605S	LS-605T	LS-6010S	LS-6010T
60°	Aluminum	LA-602S	LA-602T	LA-605S	LA-605T	LA-6010S	LA-6010T
70°	Steel	LS-702S	LS-702T	LS-705S	LS-705T	LS-7010S	LS-7010T
70°	Aluminum	LA-702S	LA-702T	LA-705S	LA-705T	LA-7010S	LA-7010T

Miscellaneous Transducers

Immersion



Pencil Type (.375" OD)

Frequency	.125" Element	.25" Element
1.0 MHz	-----	-----
2.25 MHz	-----	ISL-252
5.0 MHz	ISL-125	ISL-255
10 MHz	ISL-1210	ISL-2510
15 MHz	ISL-1215	ISL-2515
20 MHz	ISL-1220	ISL-2520



Standard Type (.630" OD)

Frequency	.125" Element	.25" Element	.375" Element	.5" Element
1.0 MHz	-----	IST-251	IST-371	IST-501
2.25 MHz	-----	IST-252	IST-372	IST-502
5.0 MHz	-----	IST-255	IST-375	IST-505
10 MHz	IST-1210	IST-2510	IST-3710	IST-5010
15 MHz	IST-1215	IST-2515	IST-3715	IST-5015
20 MHz	IST-1220	IST-2520	-----	-----

Threaded

Frequency	Element Size	O.D.	Part No.
2.25 MHz	.500" (13mm)	.650" (16mm)	ICC-502
5.0 MHz	.250" (6mm)	.375" (9.5mm)	ICC-255
5.0 MHz	.500" (13mm)	.650" (16mm)	ICC-505
10 MHz	.125" (3mm)	.170" (4mm)	ICC-1210
10 MHz	.250" (6mm)	.312" (8mm)	ICC-2510
15 MHz	.125" (3mm)	.170" (4mm)	ICC-1215
15 MHz	.250" (6mm)	.312" (8mm)	ICC-2515
20 MHz	.125" (3mm)	.145" (3.7mm)	ICC-1220

45° Wedge order p/n ICW45S (steel) or ICW45A (aluminum)

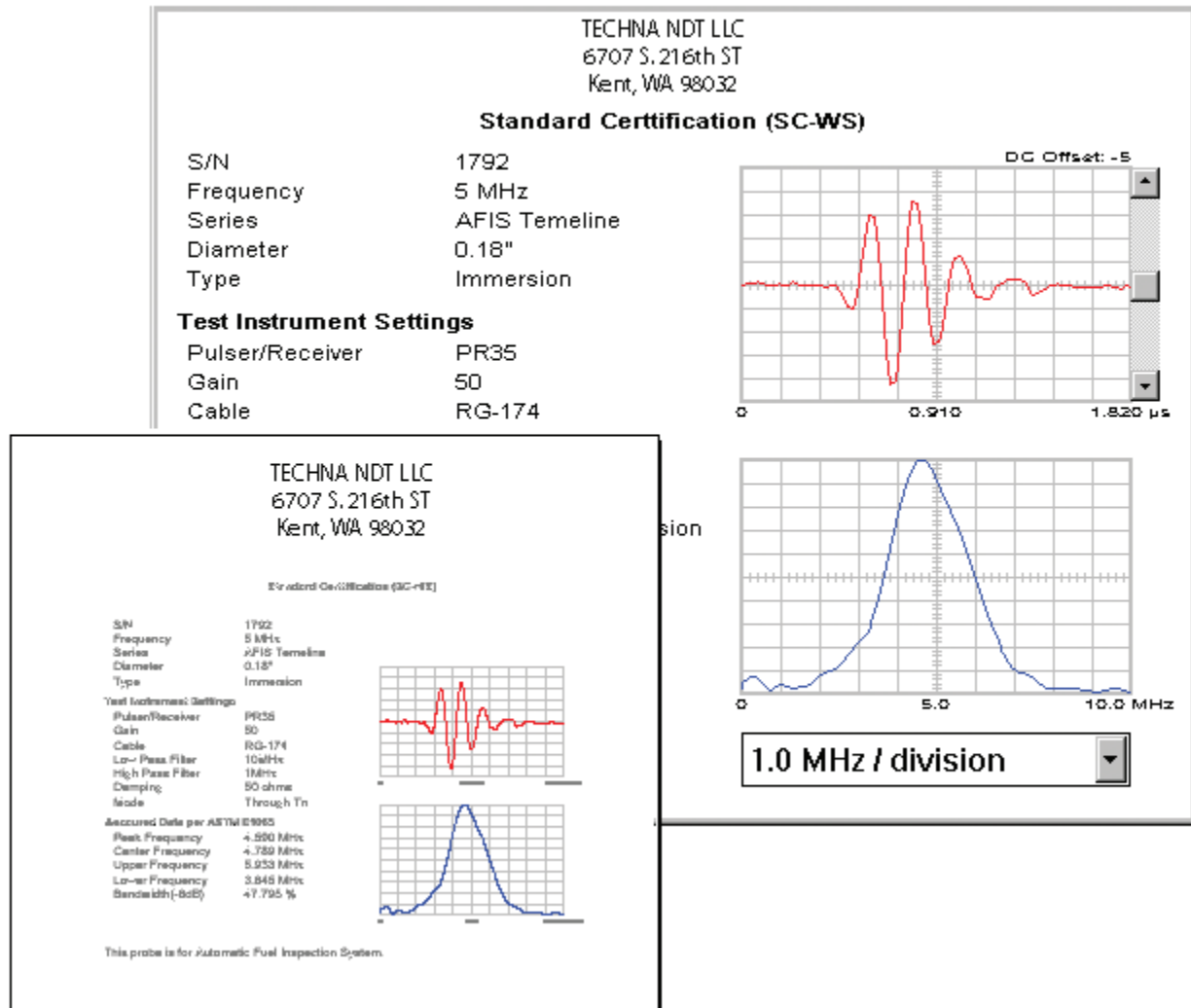
60° Wedge order p/n ICW60S (steel) or ICW60A (aluminum)

70° Wedge order p/n ICW70S (steel) or ICW70A (aluminum)

Cables

Connection	6'	10'
BNC to Microdot	BN-M6	BN-M10
BNC to RA Microdot	BN-RM6	BN-RM10
BNC to BNC	BN-BN6	BN-BN10
BNC to UHF	BN-UHF6	BN-UHF10
BNC to Lemo 00	BN-L006	BN-L0010
Lemo 00 to Microdot	L00-M6	L00-M10
Lemo 00 to RA Microdot	L00-RM6	L00-RM10
Lemo 00 to UHF	L00-UHF6	L00-UHF10
Lemo 1 to Microdot	L1-M6	L1-M10
Lemo 1 to UHF	L1-UHF6	L1-UHF10

In an effort to maintain a very high level of quality, Techna NDT now performs ultrasonic transducer certs. We will provide both a RF wave form and spectrum analysis so if you need a cert with you TD please let us know at time of order.



Connector Identification Chart

Microdot



4-pin Fischer



Triax



2-pin Microdot



Coax



Locator 2 (7 Pin Lemo)



Phasec 2d & 2200 (12 Pin Lemo)



Phasec 1.1 (6 Pin Jaeger)



Rohmann B1 (8 Pin Fischer)



Nortec 1000 & 2000 (16 Pin Lemo)



Nortec NDT-18 & 19 (8 Pin Burndy)



MIZ-21 (4 Pin Fischer)



MIZ-20 & 22 (4 Pin Cannon)



Diff.



Refl.



Absolute (Coaxial) Cables

Connection	6 Foot	10 Foot
BNC to Microdot	BN-M6	BN-M10
BNC to RA Microdot	BN-RM6	BN-RM10
BNC to BNC	BN-BN6	BN-BN10
BNC to Mini Microdot	BN-MM6	BN-MM10
Dual BNC to Dual Microdot	BND-MD6	BND-MD10
Dual BNC to 2-pin Microdot	BND-2M6	BND-2M10
BNC to Lemo 00	BN-L006	BN-L006
Lemo 00 to Microdot	L00-M6	L00-M10
Lemo 00 to RA Microdot	L00-RM6	L00-RM10
Lemo 1 to Microdot	L1-M6	L1-M10
Lemo 1 to RA Microdot	L1-RM6	L1-RM10

Balance Load Adaptors



Instrument	50-500K	500K-2M
Hocking Phasec 2200	P2D-50-500K	P2D-500K-2M
Hocking Phasec 1.1	H-50-500K	H-500K-2M
Rohmann B1	B1-50-500K	B1-500K-2M
Zetec MIZ-21	Z21-50-500K	Z21-500K-2M
Zetec MIZ-20 & 22	Z-50-500K	B1-500K-2M
Nortec 1000 & 2000	N16-50-500K	N16-500K-2M
Nortec NDT-18 & 19	BR-50-500K	BR-500K-2M

Scanner Adaptors



UniRotor adaptors will work with Hocking, Rohmann, Zetec ZS-4, Eagle, Staveley Spitfire and Minimite (4 pin fischer) scanners

Scanners	UniRotor Probes	Hocking Probes	Rohmann Std Probes	Zetec Probes	Rechii Probes	PS5 Probes
UniRotor	-----	SA-UH	SA-UES	SA-UZ	SA-UR	SA-UP5
Hocking Mini	SA-HU	-----	SA-HES	SA-HZ	SA-HR	SA-HP5
Rohmann Mini	SA-EMU	SA-EMH	SA-EMES	SA-EMZ	SA-EMR	SA-EMP5
Rohmann Std	SA-ESU	SA-ESH	-----	SA-ESZ	SA-ESR	SA-ESP5
Zetec (Old Style)	SA-ZU	SA-ZH	SA-ZES	-----	SA-ZR	SA-ZP5
Rechii RA	SA-RU	SA-RH	SA-RES	SA-RZ	-----	SA-RP5
Staveley PS5	SA-P5U	SA-P5H	SA-P5ES	SA-P5Z	SA-P5R	-----
Physical Acoustics	SA-PU	SA-PH	SA-PES	SA-PZ	SA-PR	SA-PP5

Bridge Cables

To choose a cable from this page find the list for your instrument and then determine the connector on your probe and follow across for 6 foot and 12 foot lengths. Please call for instruments or lengths not listed. For right angle or dual microdots replace M with RM or MD.

Locator 2 (7 Pin Lemo)

Probe Connection	6 Foot	12 Foot
Microdot	L2-M6/50-500K	L2-M12/50-500K
Coax	L2-C6/50-500K	L2-C12/50-500K
Triax	L2-T6	L2-T12
2-Pin Microdot	L2-2M6	L2-2M12
4-Pin Fischer	L2-4F6	L2-4F12
4-Pin Lemo	L2-4L6	L2-4L12

Phasec 2d & 2200 (12 Pin Lemo)

Probe Connection	6 Foot	12 Foot
Microdot	P2D-M6/50-500K	P2D-M12/50-500K
Coax	P2D-C6/50-500K	P2D-C12/50-500K
Triax	P2D-T6	P2D-T12
2-Pin Microdot	P2D-2M6	P2D-2M12
4-Pin Fischer	P2D-4F6	P2D-4F12
4-Pin Lemo	P2D-4L6	P2D-4L12

Phasec 1.1 (6 Pin Jaeger)

Probe Connection	6 Foot	12 Foot
Microdot	H-M6/50-500K	H-M12/50-500K
Coax	H-C6/50-500K	H-C12/50-500K
Triax	H-T6	H-T12
2-Pin Microdot	H-2M6	H-2M12
4-Pin Fischer	H-4F6	H-4F12
4-Pin Lemo	H-4L6	H-4L12

Rohmann B1 (8 Pin Fischer)

Probe Connection	6 Foot Low Frequency	6 Foot Low Frequency
Microdot	B1-M6/1-50K	B1-M6/50-500K
Coax	B1-C6/1-50K	B1-C6/50-500K
Triax	B1-T6/1-50K	B1-T6/50-500K
2-Pin Microdot	B1-2M6/1-50K	B1-2M6/50-500K
4-Pin Fischer	B1-4F6/1-50K	B1-4F6/50-500K
4-Pin Lemo	B1-4L6/1-50K	B1-4L6/50-500K

Nortec 1000 & 2000 (16 Pin Lemo)

Probe Connection	6 Foot	12 Foot
Microdot	N16-M6/50-500K	N16-M12/50-500K
Coax	N16-C6/50-500K	N16-C12/50-500K
Triax	N16-T6	N16-T12
2-Pin Microdot	N16-2M6	N16-2M12
4-Pin Fischer	N16-4F6	N16-4F12
4-Pin Lemo	N16-4L6	N16-4L12

Nortec NDT-18 & 19 (8 Pin Burndy)

Probe Connection	6 Foot	12 Foot
Microdot	BR-M6/50-500K	BR-M12/50-500K
Coax	BR-C6/50-500K	BR-C12/50-500K
Triax	BR-T6	BR-T12
2-Pin Microdot	BR-2M6	BR-2M12
4-Pin Fischer	BR-4F6	BR-4F12
4-Pin Lemo	BR-4L6	BR-4L12

MIZ-21 (4 Pin Fischer)

Probe Connection	6 Foot	12 Foot
Microdot	Z21-M6/50-500K	Z21-M12/50-500K
Coax	Z21-C6/50-500K	Z21-C12/50-500K
Triax	Z21-T6	Z21-T12
2-Pin Microdot	Z21-2M6	Z21-2M12
4-Pin Fischer	Z21-4F6	Z21-4F12
4-Pin Lemo	Z21-4L6	Z21-4L12

MIZ-20 & 22 (4 Pin Cannon)

Probe Connection	6 Foot	12 Foot
Microdot	Z-M6/50-500K	Z-M12/50-500K
Coax	Z-C6/50-500K	Z-C12/50-500K
Triax	Z-T6	Z-T12
2-Pin Microdot	Z-2M6	Z-2M12
4-Pin Fischer	Z-4F6	Z-4F12
4-Pin Lemo	Z-4L6	Z-4L12

Reflection Cables

To choose a cable from this page find the list for your instrument and then determine the connector on your probe (for cable ID see top of page 32) and follow across for 6 foot and 12 foot lengths. Please call for instruments or lengths not listed.

Locator 2 (7 Pin Lemo)

Probe Connector	6 Foot	12 Foot
Triax	L2-T6-R	L2-T12-R
2-Pin Microdot	L2-2M6-R	L2-2M12-R
Dual Microdot	L2-MD6-R	L2-MD12-R
4-Pin Fischer	L2-4F6-R	L2-4F12-R
4-Pin Lemo	L2-4L6-R	L2-4L12-R

Phasec 2d, 2s & 2200 (12 Pin Lemo)

Probe Connector	6 Foot	12 Foot
Triax	P2D-T6-R	P2D-T12-R
2-Pin Microdot	P2D-2M6-R	P2D-2M12-R
Dual Microdot	P2D-MD6-R	P2D-MD12-R
4-Pin Fischer	P2D-4F6-R	P2D-4F12-R
4-Pin Lemo	P2D-4L6-R	P2D-4L12-R

Phasec 1.1 (6 Pin Jaeger)

Probe Connector	6 Foot	12 Foot
Triax	H-T6-R	H-T12-R
2-Pin Microdot	H-2M6-R	H-2M12-R
Dual Microdot	H-MD6-R	H-MD12-R
4-Pin Fischer	H-4F6-R	H-4F12-R
4-Pin Lemo	H-4L6-R	H-4L12-R

B1 (8 Pin Fischer)

Probe Connector	6 Foot	12 Foot
Triax	B1-T6-R	B1-T12-R
2-Pin Microdot	B1-2M6-R	B1-2M12-R
Dual Microdot	B1-MD6-R	B1-MD12-R
4-Pin Fischer	B1-4F6-R	B1-4F12-R
4-Pin Lemo	B1-4L6-R	B1-4L12-R

Nortec 1000/2000 (16 Pin Lemo)

Probe Connector	6 Foot	12 Foot
Triax	N16-T6-R	N16-T12-R
2-Pin Microdot	N16-2M6-R	N16-2M12-R
Dual Microdot	N16-MD6-R	N16-MD12-R
4-Pin Fischer	N16-4F6-R	N16-4F12-R
4-Pin Lemo	N16-4L6-R	N16-4L12-R

Nortec NDT-18 & 19 (8 Pin Burndy)

Probe Connector	6 Foot	12 Foot
Triax	BR-T6-R	BR-T12-R
2-Pin Microdot	BR-2M6-R	BR-2M12-R
Dual Microdot	BR-MD6-R	BR-MD12-R
4-Pin Fischer	BR-4F6-R	BR-4F12-R
4-Pin Lemo	BR-4L6-R	BR-4L12-R

MIZ-21 (4 Pin Fischer)

Probe Connector	6 Foot	12 Foot
Triax	Z21-T6-R	Z21-T12-R
2-Pin Microdot	Z21-2M6-R	Z21-2M12-R
Dual Microdot	Z21-MD6-R	Z21-MD12-R
4-Pin Fischer	Z21-4F6-R	Z21-4F12-R
4-Pin Lemo	Z21-4L6-R	Z21-4L12-R

MIZ-20 & 22 (4 Pin Cannon)

Probe Connector	6 Foot	12 Foot
Triax	Z-T6-R	Z-T12-R
2-Pin Microdot	Z-2M6-R	Z-2M12-R
Dual Microdot	Z-MD6-R	Z-MD12-R
4-Pin Fischer	Z-4F6-R	Z-4F12-R
4-Pin Lemo	Z-4L6-R	Z-4L12-R

Bridge Adaptors

To choose an adaptor from this page find the list that corresponds to your instrument and then determine the connector on your probe's cable (for cable ID see top of page 32.) Follow across to your required adaptor. Please call for instruments or cable connectors not listed.

Locator 2 (7 Pin Lemo)

Your Cable Connector		Part No.
Phassec2d/2200	12 Pin Lemo	P2DC-L2-B
Phassec 1.1	6 Pin Jaeger	HC-L2-B
B1	8 Pin Fischer	B1C-L2-B
Miz-20	4 Pin Cannon	ZC-L2-B
Miz-21	4 Pin Fischer	Z21C-L2-B
NDT 19E	8 Pin Burndy	BRC-L2-B
Nortec 2000	16 Pin Lemo	N16C-L2-B

Phassec 2d, 2s & 2200 (12 Pin Lemo)

Your Cable Connector		Part No.
Locator 2	7 Pin Lemo	L2C-P2D-B
Phassec 1.1	6 Pin Jaeger	HC-P2D-B
Miz-20	4 Pin Cannon	ZC-P2D-B
Miz-21	4 Pin Fischer	Z21C-P2D-B
NDT 19E	8 Pin Burndy	BRC-P2D-B
B1	8 Pin Fischer	B1C-P2D-B
Nortec 2000	16 Pin Lemo	N16C-P2D-B

Phassec 1.1 (6 Pin Jaeger)

Your Cable Connector	Part No.
Phassec2d/2200	12 Pin Lemo P2DC-H-B
Locator 2	7 Pin Lemo L2C-H-B
Miz-20	4 Pin Cannon ZC-H-B
Miz-21	4 Pin Fischer Z21C-H-B
NDT 19E	8 Pin Burndy BRC-H-B
B1	8 Pin Fischer B1C-H-B
Nortec 2000	16 Pin Lemo N16C-H-B

B1/B2 (8 Pin Fischer)

Your Cable Connector	1-50KHz	50-500KHz
Phassec2d/2200	P2DB1/1-50K	P2DB1/50-500K
Locator 2	L2B1/1-50K	L2B1/50-500K
Phassec 1.1	HB1/1-50K	HB1/50-500K
Miz-20	ZB1/1-50K	ZB1/50-500K
Miz-21	Z21/1-1-50K	Z21B1/50-500K
NDT 19E	BRB1/1-50K	BRB1/50-500K
Nortec 2000	N16B1/1-50K	N16B1/50-500K

Nortec 1000/2000 (16 Pin Lemo)

Your Cable Connector		Part No.
Phassec2d/2200	12 Pin Lemo	P2DC-N16-B
Locator 2	7 Pin Lemo	L2C-N16-B
Phassec 1.1	6 Pin Jaeger	HC-N16-B
B1	8 Pin Fischer	B1C-N16-B
Miz-20	4 Pin Cannon	ZC-N16-B
Miz-21	4 Pin Fischer	Z21C-N16-B
NDT 19E	8 Pin Burndy	BRC-N16-B

Nortec NDT 18 & 19 (8 Pin Burndy)

Your Cable Connector		Part No.
Phassec2d/2200	12 Pin Lemo	P2DC-BR-B
Locator 2	7 Pin Lemo	L2C-BR-B
Phassec 1.1	6 Pin Jaeger	HC-BR-B
B1	8 Pin Fischer	B1C-BR-B
Miz-20	4 Pin Cannon	ZC-BR-B
Miz-21	4 Pin Fischer	Z21C-BR-B
Nortec 2000	16 Pin Lemo	N16C-BR-B

MIZ-21 (4 Pin Fischer)

Your Cable Connector		Part No.
Phassec2d/2200	12 Pin Lemo	P2DC-Z21-B
Locator 2	7 Pin Lemo	L2C-Z21-B
Phassec 1.1	6 Pin Jaeger	HC-Z21-B
B1	8 Pin Fischer	B1C-Z21-B
Miz-20	4 Pin Cannon	ZC-Z21-B
NDT 19E	8 Pin Burndy	BRC-Z21-B
Nortec 2000	16 Pin Lemo	N16C-Z21-B

MIZ-20 & 22 (4 Pin Cannon)

Your Cable Connector		Part No.
Phassec2d/2200	12 Pin Lemo	P2DC-Z-B
Locator 2	7 Pin Lemo	L2C-Z-B
Phassec 1.1	6 Pin Jaeger	HC-Z-B
B1	8 Pin Fischer	B1C-Z-B
NDT-19E	4 Pin Cannon	BRC-Z-B
Miz-21	4 Pin Fischer	Z21C-Z-B
Nortec 2000	16 Pin Lemo	N16C-Z-B

Reflection Adaptors

To choose an adaptor from this page find the list that corresponds to your instrument and then determine the connector on your probe's cable (for cable ID see top of page 32.) Follow across to your required adaptor. Please call for instruments or cable connectors not listed.

Locator 2 (7 Pin Lemo)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-L2-R
Phasec 1.1 6 Pin Jaeger	HC-L2-R
B1 8 Pin Fischer	B1C-L2-R
Miz-20 4 Pin Cannon	ZC-L2-R
Miz-21 4 Pin Fischer	Z21C-L2-R
NDT 18 8 Pin Burndy	BRC-L2-R
Nortec 2000 16 Pin Lemo	N16C-L2-R

Phasec 2d & 2200 (12 Pin Lemo)

Your Cable Connector	Part No.
Locator 2 7 Pin Lemo	L2C-P2D-R
Phasec 1.1 6 Pin Jaeger	HC-P2D-R
Miz-20 4 Pin Cannon	ZC-P2D-R
Miz-21 4 Pin Fischer	Z21C-P2D-R
NDT 18 8 Pin Burndy	BRC-P2D-R
B1 8 Pin Fischer	B1C-P2D-R
Nortec 2000 16 Pin Lemo	N16C-P2D-R

Phasec 1.1 (6 Pin Jaeger)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-H-R
Locator 2 7 Pin Lemo	L2C-H-R
Miz-20 4 Pin Cannon	ZC-H-R
Miz-21 4 Pin Fischer	Z21C-H-R
NDT 18 8 Pin Burndy	BRC-H-R
B1 8 Pin Fischer	B1C-H-R
Nortec 2000 16 Pin Lemo	N16C-H-R

B1/B2 (8 Pin Fischer)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-B1-R
Locator 2 7 Pin Lemo	L2C-B1-R
Phasec 1.1 6 Pin Jaeger	HC-B1-R
Miz-20 4 Pin Cannon	ZC-B1-R
Miz-21 4 Pin Fischer	Z21C-B1-R
NDT 18 8 Pin Burndy	BRC-B1-R
Nortec 2000 16 Pin Lemo	N16C-B1-R

Nortec 1000/2000 (16 Pin Lemo)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-N16-R
Locator 2 7 Pin Lemo	L2C-N16-R
Phasec 1.1 6 Pin Jaeger	HC-N16-R
B1 8 Pin Fischer	B1C-N16-R
Miz-20 4 Pin Cannon	ZC-N16-R
Miz-21 4 Pin Fischer	Z21C-N16-R
NDT 18 8 Pin Burndy	BRC-N16-R

Nortec NDT 18 & 19 (8 Pin Burndy)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-BR-R
Locator 2 7 Pin Lemo	L2C-BR-R
Phasec 1.1 6 Pin Jaeger	RHC-BR-R
B1 8 Pin Fischer	B1C-BR-R
Miz-20 4 Pin Cannon	ZC-BR-R
Miz-21 4 Pin Fischer	Z21C-BR-R
Nortec 2000 16 Pin Lemo	N16C-BR-R

MIZ-21 (4 Pin Fischer)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-Z21-R
Locator 2 7 Pin Lemo	L2C-Z21-R
Phasec 1.1 6 Pin Jaeger	HC-Z21-R
B1 8 Pin Fischer	B1C-Z21-R
Miz-20 4 Pin Cannon	ZC-Z21-R
NDT 18 8 Pin Burndy	BRC-Z21-R
Nortec 2000 16 Pin Lemo	N16C-Z21-R

MIZ-20 & 22 (4 Pin Cannon)

Your Cable Connector	Part No.
Phasec2d/2200 12 Pin Lemo	P2DC-Z-R
Locator 2 7 Pin Lemo	L2C-Z-R
Phasec 1.1 6 Pin Jaeger	HC-Z-R
B1 8 Pin Fischer	B1C-Z-R
Miz-21 4 Pin Fischer	Z21C-Z-R
NDT 18 8 Pin Burndy	BRC-Z-R
Nortec 2000 16 Pin Lemo	N16C-Z-R

Surface Standard Series

Surface standards aid the user by providing a good reference point before beginning any inspection procedure. The steel standards can also be used for with the Hocking Weldscan probes.

Standard Features:

.004" notch width

Certs on notches and material



Notch Depths in Standard Units

Material Type	Part No.
2024-T3	RS0824-2024T3
4340	RS0824-4340
6AL4V	RS0824-T6AL4V
304	RS0824-304L
Inconel	RS0824-I600
Magnesium	RS0824-MAG
Bronze-Alum	RS0824-BA13

Notch Depths in Metric Units

Material Type	Part No.
2024-T3	RS0512M-2024T3
4340	RS0512M-4340
6AL4V	RS0512M-T6AL4V
304	RS0512M-304L
Inconel	RS0512M-I600
Magnesium	RS0512M-MAG
Bronze-Alum 13%IACS	RS0512M-BA13

Items shown in tables to the right are 3 notch standards with the following notch depth configurations:

English Units – .008" - .020" - .040"

Metric Units – 0,5mm - 1,0mm - 2,0mm

US Materials (other materials available)

RS	123	-7075T6
Series	Notch Depths	Specific Alloy & Temper (see table US Materials)

Type	Alloy	Part No. Designation
Aluminum	2024-T3	-2024T3
	6061-T6	-6061T6
	6061-T4	-6061T4
	7075-T6	-7075T6
	AS4340	-4340
Steel	AS4130	-4130
	6AL4V	-T6AL4V
Titanium	AISI 304L	-304L
	AISI 303L	-303
	15-5PH	-155
	17-7PH	-177
Inconel	600	-I600
	625	-I625
	700	-I700
Magnesium		-MAG
	Bronze-Aluminum	-BA13
	13%IACS	

Hole Standard Series

Hole reference standards are an economical way to provide many hole and notch configurations on the same plate or with several plates combined. A Multiuse standard can provide both bolt hole and surface notches.

Standard Features:

.004" notch width

Certs on notches and material



Order this Part No.	Description
RH12-C30M20-2024T3	12 holes, 1/8" thru 3/4" w/ .030" corner and .020" midwall notches
RH8-T20-2024T3	8 holes, 1/8" thru 1/2" w/ .020" thru-wall notches
RH12-M20-4340	12 holes, 1/8" thru 3/4" w/ .020" midwall notches
RH8-T20-4340	8 holes, 1/8" thru 1/2" w/ .020" thru-wall notches
RH7-T20-T6AL4V	7 holes, 5/32" thru 1/2" w/ .020" thru-wall notches
RH20-C30-304L	20 holes, 1/8" thru 3/4" w/ .030" corner notches

RH	12	-C30M20	-7075T6
Series	Number of holes	Notch Config (see table Notch type)	Specific Alloy & Temper (see table US Materials)

Notch Types (other notches available)

Notch	Part No. Designation
.030" Corner	-C30
.050" Corner	-C50
.100" Corner	-C100
.020" Thru-wall	-T20
.040" Thru-wall	-T40
.020"D x .100"L Mid-wall	-M20
.030"D x .100"L Mid-wall	-M30

US Materials (other materials available)

Type	Alloy	Part No. Designation
Aluminum	2024-T3	-2024T3
	7075-T6	-7075T6
Steel	A54340	-4340
	A54130	-4130
Titanium	6AL4V	-T6AL4V
Stainless Steel	AISI 304L	-304L
	AISI 303L	-303
	15-5PH	-155
	17-7PH	-177
Inconel	600	-I600
	625	-I625
	700	-I700
Magnesium		-MAG
Bronze-Aluminum	13%IACS	-BA13

Reference Standards

Aircraft Standards

Techna NDT specializes in the manufacture of Aircraft reference Standards for many manufacturers including Boeing and Airbus. Reference Standards are a critical component to any successful NDI inspection program and can many times become the source of costly delays. It is our job to ensure that the customer never has to experience those kinds of expensive and sometimes damaging delays. For most orders where a drawing is available, if we don't carry it on the shelf, we will beat our competitors lead times by several days - or you get it for free!

On-time readiness is our business and regular updated lists for reference standards, as well as any required probes, transducers and cables based on the most recent service bulletins, will be available through our AOG department.



Eddy Current

Probes kits are an excellent way to combine multiple items for use in many different applications. A kit can be configured to any spec and can be a cost effective alternative to buying probes separately.



Surface Probe Kit

4 probes with triax connectors and cable

Part No.	Contents
TPENKIT-104	TPEN-4, TPEN92-4B TPEN95-5B, TSPEN35-4 Cable (See page 32)

See page 16-18 for item descriptions



Adjustable Scanner Probe Kit

9 probes with Unirotor back connector

Part No.	Contents	
URXKIT-109	URX.187-.250	URX.500-.625
	URX.250-.312	URX.625-.750
	URX.312-.375	URX.750-.875
	URX.375-.437	URX.875-1.0
	URX.437-.500	

See page 8 for item description



Low Frequency Kit

4 probes with triax connectors and cable

Part No.	Contents
TLFKIT-104	SB1K50T (1kHz, .5" Spot Diff.) RB50H60T (500Hz, .6" Ring Diff.) SDP10K70T (10kHz, .7" Spot Refl.) RDP5H80T (50Hz, .8" Ring Refl.) Cable (See page 32)

See page 21 to 23 for item descriptions

Ultrasonic

Ultrasonic kits are a specialty with Techna NDT. We supply many for Commercial applications and many military bases around the world.

Standard Features:

Rugged and Watertight Pelican-style case
Easily configured for any application.
Complete with cable and couplant.



Contact Transducer Kit

5 contact transducers cable and couplant

Part No.	Contents
TCKIT-05	TC-751
	TC-252
	TC-375
	TC-505
	TC-2510
	Cable (See page 28 or 34)

See page 24 for item descriptions



Angle Beam Transducer Kit

5 shear wave transducers with cable and couplant

Part No.	Contents
ABKIT-05	XS-455S
	XS-605S
	SS-455S
	SS-605S
	MS455S
	Cable (See page 28 or 34)

See page 26 & 27 for item descriptions



Multi Purpose Transducer Kit

2 shear, 2 contact and 1 delay-line TD's with cable and couplant

Part No.	Contents
UTKIT-05	XS-455S
	SS-455S
	TC-702
	DEC-504
	TRD-550
	Cable (See page 28 or 34)

See page 24 to 27 for item descriptions