TECHNA NDT

Your Source for NDT Reference Standards, Composite Reference Standards Eddy Current Probes and Ultrasonic Transducers

ISO 9001 2016 CERTIFIED

Catalog

Welcome to Techna NDT

Established in 2004, Techna NDT manufactures Composite Standards, Eddy Current Probes, Transducers, and Accessories used in the NDT inspection of aircraft. We fabricate reference standards for aircraft built by Boeing, Airbus, Bombardier, and Cessna to name a few.

This catalog will provide you with items for all of your NDT inspection needs. If the item you need is not listed, we can make custom pieces to your specifications.

Our Pricing

We want to earn your business. One way is to ensure that our prices remain competitive. Allow us the opportunity to meet or beat our competitors' quotes. Contact us (253) 872-2415 or email us at Sales@TechnaNDT.com.

ISO 9001:2015

Our company continues to operate to the ISO 9001:2015 standard. With our new standard of quality management in place, you can trust our commitment to ship quality products on time.

AOGs

At Techna NDT, we offer expedited service (AOG) with no additional charge.

Our Location

Techna NDT is located at 6707 S. 216th Street Kent, WA 98032.

Our Mission

Our mission is to provide our customers with quality products, technical support, and excellent customer service that includes quick response and fast lead times. On behalf of our employees, we thank you for your continued business and loyalty.

Table of Contents

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Table of Contents

Composite Reference Standards

Techna NDT is solely licensed by Boeing to produce the ST8871 Composite Reference Standard used on the 787. We also sell the companion holder TEK-9012. See below for a list of available products. We also offer custom Composite Standards.

Part Number	Airplane	Description
ST8871	Boeing General Purpose	GR/EP laminate step thickness (tap) standard
ST8870-1 & -4	Boeing General Purpose	GR/EP skin to NOMEX core disdond defect standard GR/EP
ST8870-7,-8,-9	Boeing General Purpose	laminate step thickness standard
ST8871D	Boeing General Purpose	GR/EP laminate step to HRP CORE damage defect standard
ST8870D	Boeing General Purpose	Alum skin to alum core disbond defect standard
NDT 1033-10	Boeing General Purpose	Alum to alum,100 thickness combo same defect standard
NDT 1038	Boeing General Purpose	Alum skin step to alum core damage defect standard
NDT 1046	Boeing General Purpose	Alum to alum core disbond defect standard
NDT 4150	Boeing General Purpose	Fiberglass to H.C panel on alum disbond defect standard
NDT 1106	Boeing General Purpose	Alum to alum core damaged defect standard
506	Boeing General Purpose	Alum to alum core shim damage defect standard
NDT629	Boeing General Purpose	Alum to alum core shim damage defect standard
G11-STD 1-4	General Purpose	Phenolic solid laminate standared
99D55109001000	General Purpose	GR/EP set of laminate step thickness (tap standard
99D51407291001	General Purpose	GR/EP set of laminate step thickness (Fabric) standard

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Aircraft Standards

Since its establishment in 2004, Techna NDT has become a leader in the production of NDT standards for Boeing, Airbus, Lockheed Martin, Bombardier, Cessna, and Fokker, to name a few.

Reference standards are a critical component to an inspection program and can be a source of costly delays if the required standard is not on hand. For a fast quote and on-time delivery, please call or email us at Sales@TechnaNDT.com.

Reference Standards

Surface Standard Series

Surface standards provide a reference point before beginning any inspection procedure. The steel standards can also be used with the Hocking Weldscan probes.

Standard Features:
.005"+/- .002"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	RS02051M-2024T3
4340	RS02051M-4340
6AL4V	RS02051M-T6AL4V
304	RS02051M-304L
Inconel	RS02051M-I600
Magnesium	RS02051M-MAG
Bronze-Alum 13%IACS	RS02051M-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 – 0.2mm - 0.5mm - 1.0mm

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

US Materials (other materials available)

Type	Alloy	Part No. Designation
Aluminum	2024-T3	-2024T3
	6061-T6	-6061T6
	6061-T4	-6061T4
	7075-T6	-7075T6
Steel	AS4340	-4340
	AS4130	-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

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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:
.005"+/- .002"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)

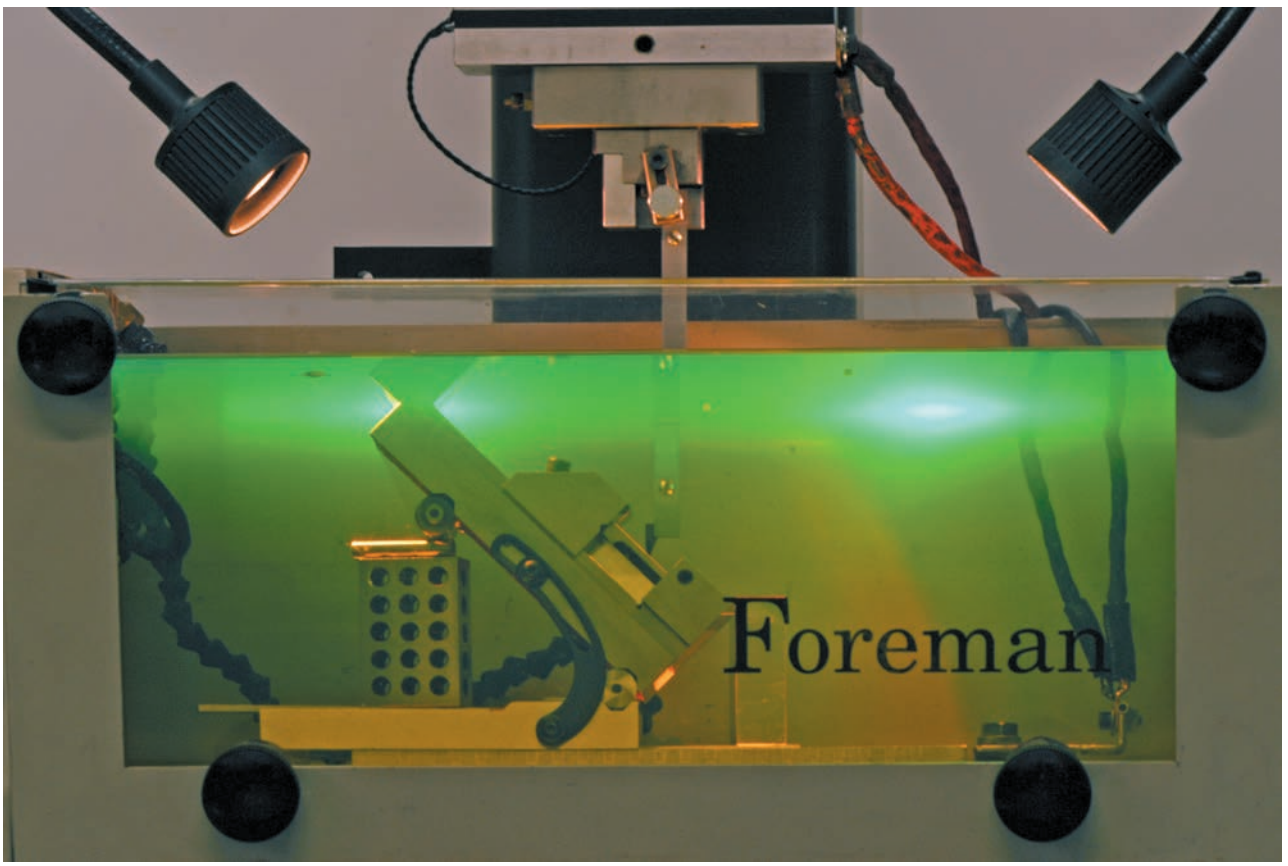
Notch	Part No. Designation
.030" Corner	-C30
.050" Corner	-C50
.100" Corner	-C100
.020" Thru-wall	-T20
.040" Thru-wall	-T40
.020"D x .100"L Mid-wall	-M20
.030"D x .100"L Mid-wall	-M30

US Materials (other materials available)

Type	Alloy	Part No. Designation
Aluminum	2024-T3	-2024T3
	7075-T6	-7075T6
Steel	AS4340	-4340
	AS4130	-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

EDM Services

Our EDM Department offers sinker and wire cut services. Electrical Discharge Machining (EDM) is highly accurate for producing high tolerance straight cuts and notches (simulated cracks) used in NDT reference standards. Please email or call for a quote.



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Scanner Hole Probes

UniRotor™ for multiple scanners

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

High speed scanner probes, also referred to as rotary hole probes, enable high speed inspection of bolt holes, countersinks and counter-bore holes in aircraft structures. In a typical application a scanner probe is connected to an eddy current instrument by use of a hand held rotary gun and attachment cable.

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

Options
Frequency
Working length
Spreadable end
Stainless steel body
All probes .156 and under are unshielded.

See page 44 for option details

Standard

Spread End

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

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

Hocking® Mini Rotor

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

Options
Frequency
Working length
Spreadable end
Stainless steel body

All probes .156 and under are unshielded.

See page 44 for option details

Diameter	WL	100K-2MHZ Shielded	100K-2MHZ Spread End	100K-2MHZ Stainless Steel	1-3MHZ Shielded
.090	1.1"	HR.090	HR.090SE	HR.090SS	HR.090/2M
.125	1.5"	HR.125	HR.125SE	HR.125SS	HR.125/2M
.156	1.5"	HR.156	HR.156SE	HR.156SS	HR.156/2M
.187	1.5"	HR.187	HR.187SE	HR.187SS	HR.187/2M
.250	1.5"	HR.250	HR.250SE	HR.250SS	HR.250/2M
.312	2.0"	HR.312	HR.312SE	HR.312SS	HR.312/2M
.375	2.0"	HR.375	HR.375SE	HR.375SS	HR.375/2M
.437	2.0"	HR.437	HR.437SE	HR.437SS	HR.437/2M
.500	2.0"	HR.500	HR.500SE	HR.500SS	HR.500/2M
.562	2.0"	HR.562	HR.562SE	HR.562SS	HR.562/2M
.625	2.0"	HR.625	HR.625SE	HR.625SS	HR.625/2M
.750	2.0"	HR.750	HR.750SE	HR.750SS	HR.750/2M
.875	2.0"	HR.875	HR.875SE	HR.875SS	HR.875/2M
1.00	2.0"	HR1.0	HR1.0SE	HR1.0SS	HR1.0/2M

Nortec® Rechii Rotor

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

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

Options
Frequency
Working length
Spreadable end
Stainless steel body

See page 44 for option details

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

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Scanner Hole Probes

Rohmann® Mini Rotor

See page 44 for option details

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

Options
Frequency
Working length
Spreadable end
Stainless steel body

Diameter	100K-2MHz Shielded	100K-2MHz Stainless Steel	1-3MHz Shielded
.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 2MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

Options
Frequency
Working length
Spreadable end
Stainless steel body

Diameter	100K-2MHz Shielded	100K-2MHz Stainless Steel	1-3MHz Shielded
.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

Stainless Steel "Y" Probes

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

Options
Frequency
Working length
Spreadable end
Stainless steel body

Diameter	WL	100K-2MHz "Y" Type SS	Diameter (Millimeters)	WL	100K-2MHZ "Y" Type SS
.125-.156	1.5"	URY.125-.156SS	3-4	38mm	URY 3-4M/SS
.156-.187	1.5"	URY.156-.187SS	4-5	38mm	URY 4-5M/SS
.187-.250	1.5"	URY.187-.250SS	5-6.5	38mm	URY 5-6.5M/SS
.250-.312	1.5"	URY.250-.312SS	6.5-8	38mm	URY 6.5-8M/SS
.312-.375	2.0"	URY.312-.375SS	8-9.5	50mm	URY 8-9.5M/SS
.375-.437	2.0"	URY.375-.437SS	9.5-11	50mm	URY 9.5-11M/SS
.437-.500	2.0"	URY.437-.500SS	11-13	50mm	URY 11-13M/SS
.500-.562	2.0"	URY.500-.562SS	13-14.5	50mm	URY 13-14.5M/SS
.562-.625	2.0"	URY.562-.625SS	14.5-16	50mm	URY 14.5-16M/SS
.625-.687	2.0"	URY.625-.687SS	16-17.5	50mm	URY 16-17.5M/SS
.687-.750	2.0"	URY.687-.750SS	17.5-19	50mm	URY 17.5-19M/SS
.750-.812	2.0"	URY.750-.812SS	19-20.5	50mm	URY 19-20.5M/SS
.812-.875	2.0"	URY.812-.875SS	20.5-22	50mm	URY 20.5-22M/SS
.875-.937	2.0"	URY.875-.937SS	22-23.5	50mm	URY 22-23.5M/SS
.937-1.00	2.0"	URY.937-1.0SS	23.5-25	50mm	URY 23.5-25M/SS

Adjustable Diameter Probes

UniRotor™ for multiple scanners

Hocking, Rohmann , Zetec ZS-4, Eagle, Staveley Spitfire and Minimite (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 2MHz
1.5" to 2" working length
Plastic body
Stainless steel backshell

See page 44 for option details

Options
Frequency
Working length

Y Types

X Type

Diameter	WL	"X" TYPE 100K-2MHz	1-3MHz	"Y" TYPE 100K-2MHz	1-3MHz
.125 – .156	1.5"	------	------	URY.125-.156	URY.125-.156/2M
.156 – .187	1.5"	------	------	URY.156-.187	URY.156-.187/2M
.187 – .250	1.5"	URX.187-.250	URX.187-.250/2M	URY.187-.250	URY.187-.250/2M
.250 – .312	1.5"	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 100K-2MHz	1-3MHz	"Y" TYPE 100K-2MHz	1-3MHz
3-4mm	38mm	------	------	URY 3-4M	URY 3-4M/2M
4-5mm	38mm	------	------	URY4-5M	URY4-5M/2M
5-6.5mm	38mm	URX 5-6.5M	URX 5-6.5M/2M	URY 5-6.5M	URY 5-6.5M/2M
6.5-8mm	38mm	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

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Hocking® Mini Rotor

Standard Features

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

Options

Frequency
Working length

See page 44 for option details

		"X" TYPE		"Y" TYPE	
Diameter	WL	100K-2MHz	1-3MHz	100K-2MHz	1-3MHz
.125 – .156	1.5"	------	------	HRY.125-.156	HRY.125-.156/2M
.156 – .187	1.5"	------	------	HRY.156-.187	HRY.156-.187/2M
.187 – .250	1.5"	HRX.187-.250	HRX.187-.250/2M	HRY.187-.250	HRY.187-.250/2M
.250 – .312	1.5"	HRX.250-.312	HRX.250-.312/2M	HRY.250-.312	HRY.250-.312/2M
.312 – .375	2.0"	HRX.312-.375	HRX.312-.375/2M	HRY.312-.375	HRY.312-.375/2M
.375 – .437	2.0"	HRX.375-.437	HRX.375-.437/2M	HRY.375-.437	HRY.375-.437/2M
.437 – .500	2.0"	HRX.437-.500	HRX.437-.500/2M	HRY.437-.500	HRY.437-.500/2M
.500 – .625	2.0"	HRX.500-.625	HRX.500-.625/2M	HRY.500-.625	HRY.500-.625/2M
.625 – .750	2.0"	HRX.625-.750	HRX.625-.750/2M	HRY.625-.750	HRY.625-.750/2M
.750 – .875	2.0"	HRX.750-.875	HRX.750-.875/2M	HRY.750-.875	HRY.750-.875/2M
.875 – 1.000	2.0"	HRX.875-1.0	HRX.875-1.0/2M	HRY.875-1.0	HRY.875-1.0/2M
1.000 – 1.125	2.0"	HRX1.0-1.125	HRX1.0-1.125/2M	HRY1.0-1.125	HRY1.0-1.125/2M

Nortec® Rechii Rotor

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

Standard Features

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

Options

Frequency
Working length

See page 44 for option details

		"X" TYPE		"Y" TYPE	
Diameter	WL	100K-2MHz	1-3MHz	100K-2MHz	1-3MHz
.125 – .156	1.5"	------	------	RRY.125-.156	RRY.125-.156/2M
.156 – .187	1.5"	------	------	RRY.156-.187	RRY.156-.187/2M
.187 – .250	1.5"	RRX.187-.250	RRX.187-.250/2M	RRY.187-.250	RRY.187-.250/2M
.250 – .312	1.5"	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

Adjustable Diameter Probes

Rohmann® Standard Rotor

See page 44 for option details

Standard Features
2.0" working length
100KHz to 2MHz frequency range
Stainless steel tip and back connector

Diameter	100K - 2MHz "X" Type	100K-2MHz "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 - 2MHz "X" Type	100K-2MHz "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

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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
5/32″	UC1.156	UNC.156
3/16″	UC1.187	UNC.187
7/32″	UC1.218	UNC.218
1/4″	UC1.250	UNC.250
5/16″	UC1.312	UNC.312

Hocking® Mini Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot
5/32″	HC1.156	HNC.156
3/16″	HC1.187	HNC.187
7/32″	HC1.218	HNC.218
1/4″	HC1.250	HNC.250
5/16″	HC1.312	HNC.312

Nortec® Rechii Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot
5/32″	RC1.156	RNC.156
3/16″	RC1.187	RNC.187
7/32″	RC1.218	RNC.218
1/4″	RC1.250	RNC.250
5/16″	RC1.312	RNC.312

Zetec® Rotor

Diameter	Countersink 100 Degrees	Non-Countersink with Pilot
5/32″	ZDC1.156	ZDNC.156
3/16″	ZDC1.187	ZDNC.187
7/32″	ZDC1.218	ZDNC.218
1/4″	ZDC1.250	ZDNC.250
5/16″	ZDC1.312	ZDNC.312

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UniRotor™ for multiple scanners

See page 44 for option details

Standard Length

Options
Frequency
Working length
Overall length
Stainless steel tips

Collar available on request

Diameter	100K-2MHz 6" Length	100K-2MHz 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

Working Length (WL)

Options
Frequency
Working length
Overall length
Stainless steel tips

Collar available on request

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

Nortec® Rechii Rotor

Overall Length (OAL)

Options
Frequency
Working length
Overall length
Stainless steel tips

Collar available on request

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

Manual Hole Probes

Swivel Collar w/ Triax Connector

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

Options
Working length
Overall Length
Frequency

See page 44 for option details

Diameter	WL	50-500KHZ Shielded	50-500KHZ Shielded	100K-1MHZ Shielded	100K-1MHZ Differential	1-3MHZ Differential
.125	2.0"	TMH.125	TMHF.125	TMHF.125/500K	TMHD.125/500K	TMHD.125/2M
.156	2.0"	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

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

Options
Working length
Overall Length
Frequency

See page 44 for option details

Diameter	WL	50-500KHz Shielded	50-500KHz Shielded	100K-1MHz Shielded	100K-1MHz Differential	1-3MHz Differential
.125	2.0"	MH.125	MHF.125	MHF.125/500K	MHD.125/500K	MHD.125/2M
.156	2.0"	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

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Adjustable Diameter

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

See page 44 for option details

Available with triax connector - Please call

		"X" TYPE		"Y" TYPE	
Diameter	WL	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"	MHX1.0-1.125	MHX1.0-1.125/2M	MHY1.0-1.125	MHY1.0-1.125/2M

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

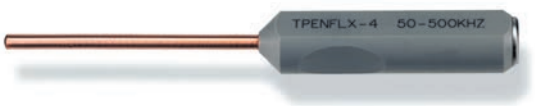
Pilot Dia.	50-500KHz Unshielded	50-500KHz Shielded	1-3MHz Unshielded
1/8"	TMC1.125	TMC1F.125	TMC1.125/2M
5/32"	TMC1.156	TMC1F.156	TMC1.156/2M
3/16"	TMC1.187	TMC1F.187	TMC1.187/2M
1/4"	TMC1.250	TMC1F.250	TMC1.250/2M
5/16"	TMC1.312	TMC1F.312	TMC1.312/2M
3/8"	TMC1.375	TMC1F.375	TMC1.375/2M
7/16"	TMC1.437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

Straight Surface Probes

.125" 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 Unshielded
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

.072" 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

.062" 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

.050" Tip

Length	50-500KHz Triax	1-3MHz Triax
2"	TX5PEN-2	TX5PEN-2/2M
3"	TX5PEN-3	TX5PEN-3/2M
4"	TX5PEN-4	TX5PEN-4/2M
5"	TX5PEN-5	TX5PEN-5/2M
6"	TX5PEN-6	TX5PEN-6/2M
7"	TX5PEN-7	TX5PEN-7/2M
8"	TX5PEN-8	TX5PEN-8/2M

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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 Unshielded
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 Unshielded
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 Unshielded
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

90⁰ 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 Unshielded
3"	PEN95-3	TPEN95-3	PENU95-3/500K	TPENU95-3/500K	TPENU95-3/2M
4"	PEN95-4	TPEN95-4	PENU95-4/500K	TPENU95-4/500K	TPENU95-4/2M
5"	PEN95-5	TPEN95-5	PENU95-5/500K	TPENU95-5/500K	TPENU95-5/2M
6"	PEN95-6	TPEN95-6	PENU95-6/500K	TPENU95-6/500K	TPENU95-6/2M
7"	PEN95-7	TPEN95-7	PENU95-7/500K	TPENU95-7/500K	TPENU95-7/2M
8"	PEN95-8	TPEN95-8	PENU95-8/500K	TPENU95-8/500K	TPENU95-8/2M
9"	PEN95-9	TPEN95-9	PENU95-9/500K	TPENU95-9/500K	TPENU95-9/2M
10"	PEN95-10	TPEN95-10	PENU95-10/500K	TPENU95-10/500K	TPENU95-10/2M

.750" Drop - .125" Tip

Length	50-500KHz Microdot Shielded	50-500KHz Triax Shielded	500K-1MHz Microdot Unshielded	500K-1MHz Triax Unshielded	1-3MHz Triax Unshielded
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 Unshielded
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

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45⁰ - .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

30⁰ - .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	TPEN45-2	PEN45-2/2M
3"	PEN35-3	TPEN45-3	PEN45-3/2M
4"	PEN35-4	TPEN45-4	PEN45-4/2M
5"	PEN35-5	TPEN45-5	PEN45-5/2M
6"	PEN35-6	TPEN45-6	PEN45-6/2M
7"	PEN35-7	TPEN45-7	PEN45-7/2M
8"	PEN35-8	TPEN45-8	PEN45-8/2M

45⁰ - .072" Tip

Options
Frequency up to 6MHz

Length	50-500KHz Microdot	50-500KHz Triax	1-3MHz Microdot
2"	SPEN45-2	TSPEN45-2	SPEN45-2/2M
3"	SPEN45-3	TSPEN45-3	SPEN45-3/2M
4"	SPEN45-4	TSPEN45-4	SPEN45-4/2M
5"	SPEN45-5	TSPEN45-5	SPEN45-5/2M
6"	SPEN45-6	TSPEN45-6	SPEN45-6/2M
7"	SPEN45-7	TSPEN45-7	SPEN45-7/2M
8"	SPEN45-8	TSPEN45-8	SPEN45-8/2M

45° - .062" Tip

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

45° - .050" Tip

Length	50-500KHz	1-3MHz
2"	X5PEN45-2	X5PEN45-2/2M
3"	X5PEN45-3	X5PEN45-3/2M
4"	X5PEN45-4	X5PEN45-4/2M
5"	X5PEN45-5	X5PEN45-5/2M
6"	X5PEN45-6	X5PEN45-6/2M
7"	X5PEN45-7	X5PEN45-7/2M
8"	X5PEN45-8	X5PEN45-8/2M

Low Frequency Probes

Spot Bridge (Differential)

Spot bridge/differential probes can be referred to as surface probes, but are a lower frequency than their high frequency counterparts. They can be used to find generic subsurface defects. These 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

See page 44 for option details

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)

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.

See page 44 for option details

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	--------	--------	--------

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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 but 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. They also can be used 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	Thumbscrew Adjustment	Manual Spacers
50Hz-1KHz	ASLD-50H-A	ASLD-50H
100Hz-20KHz	ASLD-100H-A	ASLD-100H
500Hz-50KHz	ASLD-500H-A	ASLD-500H
1KHz-100KHz	ASLD-1K-A	ASLD-1K
10KHz-500KHz	ASLD-10K-A	ASLD-10K

Fixed

Fitted with triax, 2 pin or 4 pin connectors

Frequency	2-Pin Microdot	Triax	4-Pin Fischer
50Hz-1KHz	SLD-50H-2M	SLD-50H-T	SLD-50H-4F
100Hz-20KHz	SLD-100H-2M	SLD-100H-T	SLD-100H-4F
500Hz-50KHz	SLD-500H-2M	SLD-500H-T	SLD-500H-4F
1KHz-100KHz	SLD-1K-2M	SLD-1K-T	SLD-1K-4F
10KHz-500KHz	SLD-10K-2M	SLD-10K-T	SLD-10K-4F

LF Pencil Probes

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

See page 44 for option details

Length	1-5KHz Bridge 90⁰ .5" Drop	2-10KHz Bridge 90⁰ .5" Drop	5-20KHz Bridge 90⁰ .5" Drop	2-10KHz Bridge Straight	1-10KHz Reflection 90⁰ .5" Drop	10-50KHz Reflection 90⁰ .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

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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

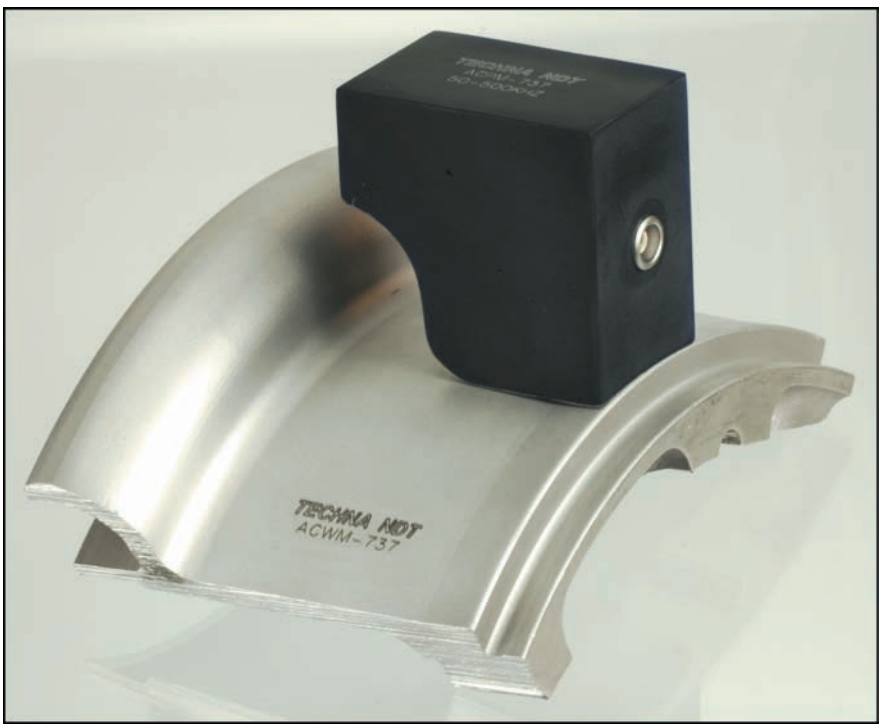
Blade Probes

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	TBL060-6
Straight	.090"	BL090-6	TBL090-6
30^0	.060"	BL360-6	TBL360-6
30^0	.090"	BL390-6	TBL390-6
45^0	.045"	BL445-6	TBL445-6
45^0	.060"	BL460-6	TBL460-6
45^0	.090"	BL490-6	TBL490-6
60^0	.045"	BL645-6	TBL645-6
60^0	.060"	BL660-6	TBL660-6
90^0	.045"	BL945-6	TBL945-6
90^0	.060"	BL960-6	TBL960-6

Wheel Probes and Standards

For 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 run in reflection mode.



	PROBES		STANDARDS		KITS
Aircraft	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

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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) Shielded	F (Ferrous) 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 Surface Probes

See page 44 for option details

	NF (Non-Ferrous) Unshielded		NF (Non-Ferrous) Shielded		F (Ferrous) Unshielded	
Length	Straight	90^0 w/ .5"drop	Straight	90^0 w/ .5"drop	Straight	90^0 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

Contact Transducers

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	

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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"	TRDS-12	TRDG-12
.250"	TRDS-25	TRDG-25
.500"	TRDS-50	TRDG-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
35⁰	Steel	XS-352S	XS-352T	XS-355S	XS-355T	XS-3510S	XS-3510T
35⁰	Aluminum	XA-352S	XA-352T	XA-355S	XA-355T	XA-3510S	XA-3510T
45⁰	Steel	XS-452S	XS-452T	XS-455S	XS-455T	XS-4510S	XS-4510T
45⁰	Aluminum	XA-452S	XA-452T	XA-455S	XA-455T	XA-4510S	XA-4510T
60⁰	Steel	XS-602S	XS-602T	XS-605S	XS-605T	XS-6010S	XS-6010T
60⁰	Aluminum	XA-602S	XA-602T	XA-605S	XA-605T	XA-6010S	XA-6010T
70⁰	Steel	XS-702S	XS-702T	XS-705S	XS-705T	XS-7010S	XS-7010T
70⁰	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 the perfect choice for medium to difficult access inspections

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35⁰	Steel	SS-352S	SS-352T	SS-355S	SS-355T	SS-3510S	SS-3510T
35⁰	Aluminum	SA-352S	SA-352T	SA-355S	SA-355T	SA-3510S	SA-3510T
45⁰	Steel	SS-452S	SS-452T	SS-455S	SS-455T	SS-4510S	SS-4510T
45⁰	Aluminum	SA-452S	SA-452T	SA-455S	SA-455T	SA-4510S	SA-4510T
60⁰	Steel	SS-602S	SS-602T	SS-605S	SS-605T	SS-6010S	SS-6010T
60⁰	Aluminum	SA-602S	SA-602T	SA-605S	SA-605T	SA-6010S	SA-6010T
70⁰	Steel	SS-702S	SS-702T	SS-705S	SS-705T	SS-7010S	SS-7010T
70⁰	Aluminum	SA-702S	SA-702T	SA-705S	SA-705T	SA-7010S	SA-7010T

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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)

For wide area scans and deep penetrations

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35⁰	Steel	MS-352S	MS-352T	MS-355S	MS-355T	MS-3510S	MS-3510T
35⁰	Aluminum	MA-352S	MA-352T	MA-355S	MA-355T	MA-3510S	MA-3510T
45⁰	Steel	MS-452S	MS-452T	MS-455S	MS-455T	MS-4510S	MS-4510T
45⁰	Aluminum	MA-452S	MA-452T	MA-455S	MA-455T	MA-4510S	MA-4510T
60⁰	Steel	MS-602S	MS-602T	MS-605S	MS-605T	MS-6010S	MS-6010T
60⁰	Aluminum	MA-602S	MA-602T	MA-605S	MA-605T	MA-6010S	MA-6010T
70⁰	Steel	MS-702S	MS-702T	MS-705S	MS-705T	MS-7010S	MS-7010T
70⁰	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)

For wide area scans and deep penetrations

Angle	Material	2.25MHz Side	2.25MHz Top	5MHz Side	5MHz Top	10MHz Side	10MHz Top
35⁰	Steel	LS-352S	LS-352T	LS-355S	LS-355T	LS-3510S	LS-3510T
35⁰	Aluminum	LA-352S	LA-352T	LA-355S	LA-355T	LA-3510S	LA-3510T
45⁰	Steel	LS-452S	LS-452T	LS-455S	LS-455T	LS-4510S	LS-4510T
45⁰	Aluminum	LA-452S	LA-452T	LA-455S	LA-455T	LA-4510S	LA-4510T
60⁰	Steel	LS-602S	LS-602T	LS-605S	LS-605T	LS-6010S	LS-6010T
60⁰	Aluminum	LA-602S	LA-602T	LA-605S	LA-605T	LA-6010S	LA-6010T
70⁰	Steel	LS-702S	LS-702T	LS-705S	LS-705T	LS-7010S	LS-7010T
70⁰	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

45^0 Wedge order p/n ICW45S (steel) or ICW45A (aluminum)
60^0 Wedge order p/n ICW60S (steel) or ICW60A (aluminum)
70^0 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

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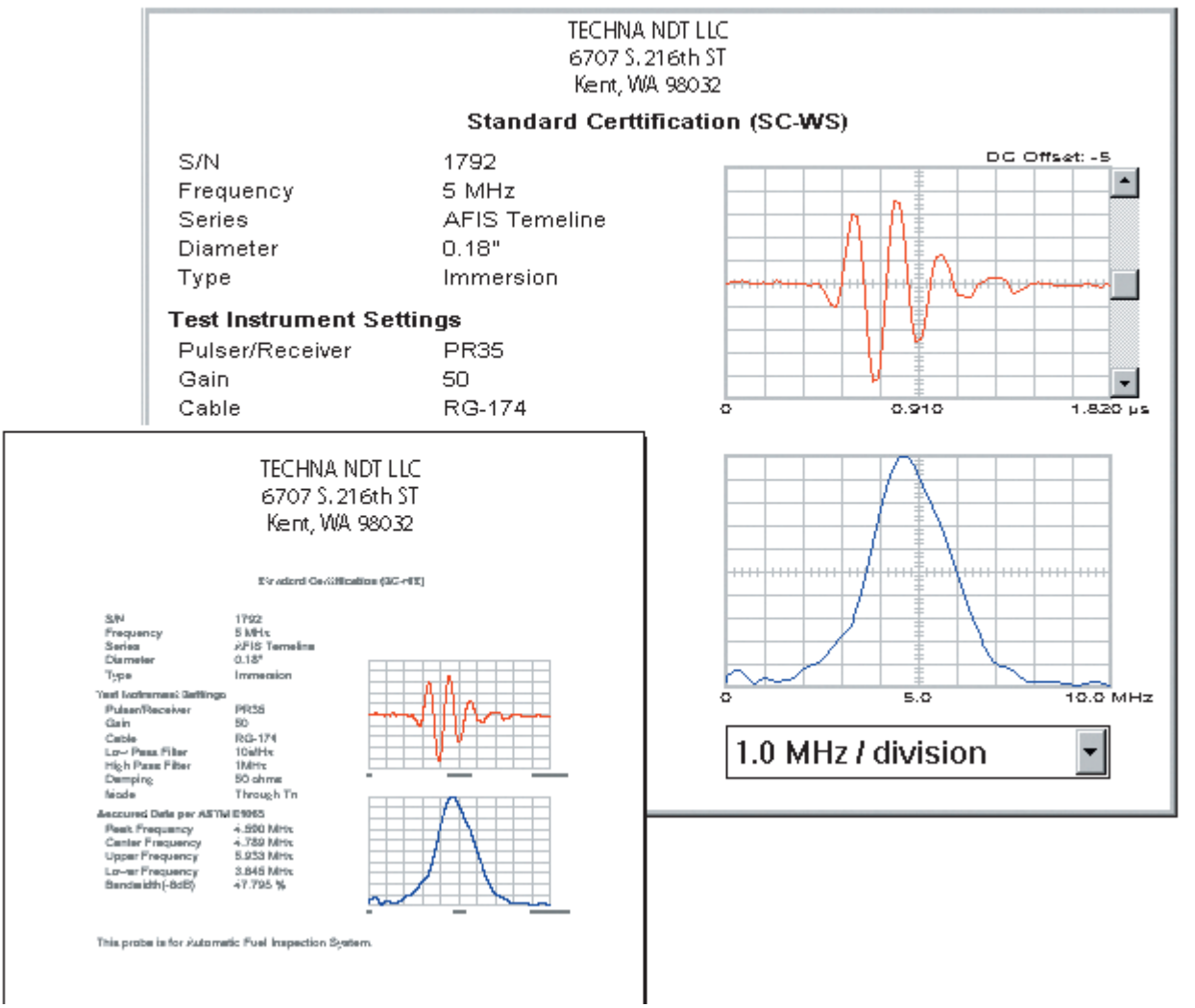
In an effort to maintain a high level of quality, Techna NDT performs ultrasonic transducer certification. We will provide both an RF wave form and spectrum analysis. If you need a cert with your instrument, please let us know at time of order.



TECHNA NDT LLC
6707 S. 216th ST
Kent, WA 98032

Standard Certtification (SC-WS)

S/N	1792
Frequency	5 MHz
Series	AFIS Temeline
Diameter	0.18"
Type	Immersion

Test Instrument Settings

Pulser/Receiver	PR35
Gain	50
Cable	RG-174

DC Offset: -5

0 0.910 1.820 µs

0 5.0 10.0 MHz

1.0 MHz / division

TECHNA NDT LLC
6707 S. 216th ST
Kent, WA 98032

This probe is for Automatic Fuel Inspection System.

Connections

Connector Identification Chart

Microdot

4-pin Fischer

Triax

2-pin Microdot

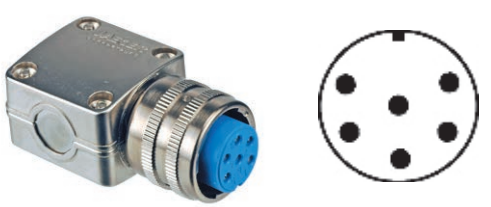
Coax

Locator 2 (7 Pin Lemo)

Phasec 2d & 2200 (12 Pin Lemo)

Phasec 1.1 (6 Pin Jaeger)

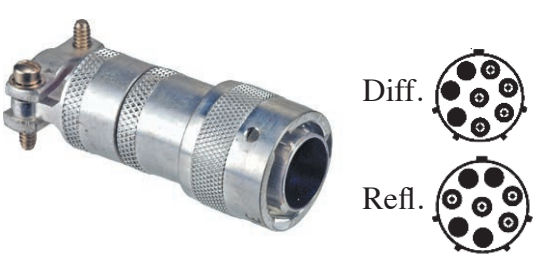
Rohmann B1 (8 Pin Fischer)



Nortec 1000 & 2000 (16 Pin Lemo)

Nortec NDT-18 & 19 (8 Pin Burndy)

MIZ-21 (4 Pin Fischer)



MIZ-20 & 22 (4 Pin Cannon)

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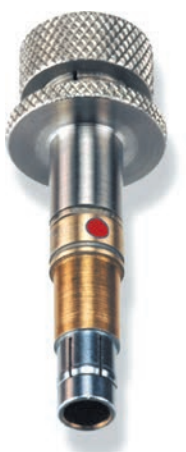
Absolute (Coaxial) Cables

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



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	SA-ZU	SA-ZH	SA-ZES	-------	SA-ZR	SA-ZP5
Zetec Z21	SA-Z21U	SA-Z21H	SA-Z21ES	SA-Z21Z	SA-Z21R	SA-Z21P5
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, locate the list that corresponds to your instrument and then determine the connector for your probe. 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-B	L2-T12-B
2-Pin Microdot	L2-2M6-B	L2-2M12-B
4-Pin Fischer	L2-4F6-B	L2-4F12-B
4-Pin Lemo	L2-4L6-B	L2-4L12-B

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-B	P2D-T12-B
2-Pin Microdot	P2D-2M6-B	P2D-2M12-B
4-Pin Fischer	P2D-4F6-B	P2D-4F12-B
4-Pin Lemo	P2D-4L6-B	P2D-4L12-B

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-B	H-T12-B
2-Pin Microdot	H-2M6-B	H-2M12-B
4-Pin Fischer	H-4F6-B	H-4F12-B
4-Pin Lemo	H-4L6-B	H-4L12-B

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-B	N16-T12-B
2-Pin Microdot	N16-2M6-B	N16-2M12-B
4-Pin Fischer	N16-4F6-B	N16-4F12-B
4-Pin Lemo	N16-4L6-B	N16-4L12-B

Nortec NDT-18 & 19 (8 Pin Burndy)

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

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-B	Z21-T12-B
2-Pin Microdot	Z21-2M6-B	Z21-2M12-B
4-Pin Fischer	Z21-4F6-B	Z21-4F12-B
4-Pin Lemo	Z21-4L6-B	Z21-4L12-B

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-B	Z-T12-B
2-Pin Microdot	Z-2M6-B	Z-2M12-B
4-Pin Fischer	Z-4F6-B	Z-4F12-B
4-Pin Lemo	Z-4L6-B	Z-4L12-B

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Reflection Cables

To choose an adapter from this page, locate the list that corresponds to your instrument and then determine the connector for your probe's cable (for cable ID see top of page 36). Follow across to your required adapter. Please call or email for instruments or cable connectors 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 Adapters

To choose an adaptor from this page, locate the list that corresponds to your instrument and then determine the connector for your probe's cable (for cable ID see top of page 36). Follow across to your required adapter. Please call or email for instruments or cable connectors not listed.

Locator 2 (7 Pin Lemo)

Your Cable Connector		Part No.
Phasec2d/2200	12 Pin Lemo	P2DC-L2-B
Phasec 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

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

Your Cable Connector		Part No.
Locator 2	7 Pin Lemo	L2C-P2D-B
Phasec 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

Phasec 1.1 (6 Pin Jaeger)

Your Cable Connector	Part No.	
Phasec2d/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
Phasec2d/2200	P2DB1/1-50K	P2DB1/50-500K
Locator 2	L2B1/1-50K	L2B1/50-500K
Phasec 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.
Phasec2d/2200	12 Pin Lemo	P2DC-N16-B
Locator 2	7 Pin Lemo	L2C-N16-B
Phasec 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.
Phasec2d/2200	12 Pin Lemo	P2DC-BR-B
Locator 2	7 Pin Lemo	L2C-BR-B
Phasec 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.
Phasec2d/2200	12 Pin Lemo	P2DC-Z21-B
Locator 2	7 Pin Lemo	L2C-Z21-B
Phasec 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.
Phasec2d/2200	12 Pin Lemo	P2DC-Z-B
Locator 2	7 Pin Lemo	L2C-Z-B
Phasec 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

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Reflection Adaptors

To choose an adapter from this page, locate the list that corresponds to your instrument and then determine the connector for your probe's cable (for cable ID see top of page 36). Follow across to your required adapter. Please call or email 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

Eddy Current Kits

Probe kits combine multiple items for use in many different applications. A kit can be configured to any specification and can be a cost effective alternative to purchasing 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
LFKIT-104	SB.5-1K (1kHz, .5" Spot Diff .) RB.6-500H (500Hz, .6" Ring Diff .) SDP.7-10K (10kHz, .7" Spot Refl .) RDP.8-50H (50Hz, .8" Ring Refl .) Cable (See page 32)

See page 21 to 23 for item descriptions

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Ultrasonic Kits

Techna NDT specializes in ultrasonic kits. We supply to commercial applications and military bases globally.

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

Ordering Probe Options

When ordering any product from this catalog please be aware that there are several options available for each class of item that may not be listed in its specific table or page.
Please call (or email) us for further assistance with all of your eddy current probe and ultrasonic transducer needs.

Except for hole probe diameters and bent handle (B), options are added to part number normally with a forward slash (/) or a dash (-) as separators. Use these two separators to apply as many options as are required when ordering.

Hole Probes

Diameter - Any diameter can be substituted in standard decimal or metric.

Working length	Use /xxWL	**Frequency**	Use /xKHz or /xMHz
Overall Length	Use /xxOL	**All Stainless Steel**	Use /SS
Spread End	Use /SE		

Pencil Probes (also applies to low frequency pencil probes on page 22)

Probe Length - Any length can be substituted by subbing the dash number, i.e. PEN-4 to PEN-15
Drop Length - This option is available on 900, 450 and 300 pencil probes, i.e. PEN95-6 to PEN94-6
Flexible Copper Shaft - Add after PEN in any p/n, i.e. TPEN-4 to TPENFLX-4
Bent Handle (9030 probes) - Add B to end of any p/n, i.e. PEN95-5 to PEN95-5B
Frequency - Use /xKHz or /xMHz
Connector - Additional types of connectors are available on request

Low Frequency Probes

Inside and Outside Diameters - Techna NDT provides a range of sizes on pages 20 and 21, however if you cannot find a size you need please call us and we will help.
Frequency Use /xHz or /xKHz
Overall Height Use /xxH
Connector - Additional types of connectors are available on request.

Ordering

Due to the different instrumentation and probe requirements among instrument manufacturers, most items are not manufactured to standard specifications. Options are listed in various sections of the catalog where applicable. Features such as frequency, connector, working and overall lengths, and odd-sized diameters can be designed into any standard item. When ordering these specially configured items, please provide the following information:

~Instrument type
~Frequency
~Working and/or overall length
~Diameter
~Any other physical dimension or requirement

Shipping

All sales are F.O.B. shipping point unless otherwise agreed upon. Title to merchandise will transfer to Purchaser upon delivery to the carrier. Orders will be shipped via UPS ground unless otherwise requested by the Purchaser. Please provide your account number for direct billing. Large orders and some international shipments may include Handling and insurance charges and will be included in freight charges. Rush shipping orders may be subject to additional handling charges. Export fees are to be billed to Purchaser. See next page regarding damage claims and returns.

Credit Card Payments

Credit card payment for products purchased from Techna NDT is the quickest, most convenient method of payment. VISA, Master Card and American Express payment shall be subject to the fees, charges, rules and regulations of customer's credit card processor. Customer must provide card number, expiration date and name of cardholder (exactly as it appears on the card). Due to increased credit card fraud from overseas, all international orders using credit cards may be delayed in order to verify valid credit card information.

COD

Cash on delivery will be required of purchasers who do not have an open account or who do not pay by credit card.

Open Account

For customers with established credit, terms are net 30 days from the date of shipment. To establish credit, please provide bank information and at least three credit references from other suppliers for credit of similar value. Shipments cannot be released until Techna NDT has received positive responses from customer's references.

Wire Transfer

Contact the accounting department for wire transfer information.

Warranty and Returns

Warranty

All products sold by Techna NDT are guaranteed to be free of defects in materials and/or workmanship at time of shipment. Except for normal wear and tear or damage due to misuse or neglect, all products are covered by a One Year Warranty. Contact Sales@TechnaNDT.com to be issued an RMA.

Returns

Techna NDT will honor claims for defective products if submitted within 30 days from the date of shipment, provided the product has not been improperly used, and is subject to our inspection. If it is determined that wear, damage, or corrosion is due to faulty materials or design, the item will be replaced at no charge. Techna NDT will cover the return costs by the most economical methods to the customer's facilities.

All returns/refunds are subject to a 15% restocking fee. Any returns for credit must be have prior approval and must include the salespersons name on the packing slip. All returns are subject to a 15% restocking fee.

Important

Do not return merchandise damaged during shipping until after your claim has been established. Acceptance at our facility of the shipment by the carrier is acknowledgment that the items received by them were in good condition and properly packaged. Th e carrier who delivers goods to your door is responsible for loss and damages. All claims for loss or damaged should be fi led with the carrier making delivery to your door. We will gladly provide assistance on any claim issues you may have.

Repairs

An item may be repairable should it wear out or become nonfunctional through normal use and is beyond the warranty period. Repaired items can save up to 15% when compared to purchasing new. We can also repair most items manufactured by other companies and at a substantial savings.