



## Expert Choice

For more than thirty years, Lindström cutters have been used to manufacture pacemakers, stents, catheters, guidewires and more. Lindström's technological improvements are driven by our customer's applications that demand reliable, precise and versatile tools.

Lindström launches a range of cutters that perform to the specifications of manufacturers using a wide variety of hard materials such as platinum, nitinol, stainless steel, titanium, and proprietary meshes and weaves.



## Medical Series

Precision Tools Since 1856

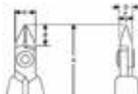
## Designed to Cut Guidewires, Catheters & Fine Trimming of Stents

### 7154TC Carbide Insert Cutter

Lindström introduces a specially engineered diagonal cutter for hard wire applications. This new Tungsten Carbide Cutter is designed to provide consistent, precise flush “Tip Cuts” on guidewires, catheters and fine trimming of stents.



- Carbide Insert Cutters suitable for hard wire materials such as Nitinol, Stainless Steel and Titanium
- High performance alloy steel material provides strength and reliability
- Precision screw joint minimizes friction while maximizing cutting edge and tip alignment
- ESD Safe, comfortable synthetic handles with return spring for smooth operation
- Polished, natural finish provides protection against oxidation
- Cutting capacity hard wire from 0.10 mm / 0.004 in to 0.40 mm / 0.016 in. And when tip cutting max 0.2 mm / 0.008 in
- 8154PSP designed for soft materials



Part No.			A mm / in	B mm / in	C mm / in	D mm / in	F mm / in	Soft Wire Cap. mm / in	Hard Wire Cap. mm / in	Head Size
7154TC	Tapered	Flush	112.5 / 4.43	13.0 / 0.51	12.5 / 0.49	6.0 / 0.24	2.0 / 0.08	0.1-0.9 / 0.004-0.03	0.1-0.2 / 0.004-0.01	M
8154PSP	Tapered	Flush	112.5 / 4.43	13.0 / 0.51	12.5 / 0.49	6.0 / 0.24	2.0 / 0.08	0.2-1.6 / 0.01-0.06	-	M

## Designed to Cut Guidewires, Catheters & Fine Trimming of Stents

### M2 Series

The new M2 Series is designed to cut hard wires, stents, guidewires and single or multiple catheter filars



- Produced using high performance alloy steel material provides strength and reliability
- Enhanced induction hardening technique and modified cutting edges deliver precise cuts
- Precision screw joint minimizes friction while maximizing cutting edge and tip alignment
- ESD safe, comfortable synthetic handles with return springs for smooth operation
- Phosphate finish provides protection against oxidation and reduces glare under illumination



Part No.			A mm / in	B mm / in	C mm / in	D mm / in	F mm / in	Soft Wire Cap. mm / inch	Hard Wire Cap. mm / inch	Head Size
RX 8140M2	0	MB	135.5 / 5.33	10.5 / 0.41	10.0 / 0.39	6.0 / 0.24	0.8 / 0.03	0.2-1.25 / 0.01-0.05	0.2-0.5 / 0.01-0.02	S
RX 8150M2	0	MB	138.0 / 5.43	13.0 / 0.51	12.5 / 0.49	6.0 / 0.24	1.2 / 0.05	0.3-1.6 / 0.01-0.06	0.2-0.8 / 0.01-0.03	M
RX 8160M2	0	MB	147.0 / 5.80	16.0 / 0.63	16.0 / 0.63	8.0 / 0.31	1.6 / 0.06	0.4-2.0 / 0.02-0.08	0.3-0.8 / 0.01-0.03	L
8140M2	0	MB	110.0 / 4.33	10.0 / 0.39	10.0 / 0.39	6.0 / 0.24	0.8 / 0.03	0.2-1.25 / 0.01-0.05	0.2-0.5 / 0.01-0.02	S
8150M2	0	MB	112.5 / 4.43	12.5 / 0.50	12.5 / 0.50	6.0 / 0.24	1.2 / 0.05	0.3-1.6 / 0.01-0.06	0.2-0.8 / 0.01-0.03	M
8160M2	0	MB	125.0 / 4.92	16.0 / 0.63	16.0 / 0.63	8.0 / 0.31	1.6 / 0.06	0.4-2.0 / 0.02-0.08	0.3-0.8 / 0.01-0.03	L

## Electrical & Electronic Medical Diagnostic Equipment and Instruments

### Performance Specific Series

Products designed to get the most precise cut on hard materials in electrical and electronic medical diagnostic equipment, dialysis and MRI machines.



Precision ground edges for maximum geometrical accuracy

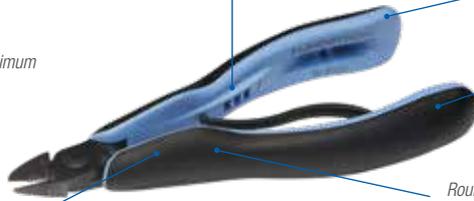
Easily adjustable three-position spring. Provides variable resistance and grip width

Super light weight

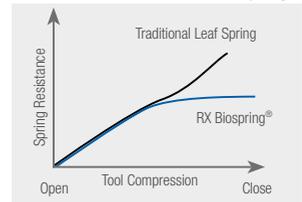
The lower broad part reduces pressure points  
Palm

The upper portion makes rotation easier for Thumb & Index finger use

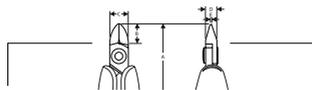
Rounded shape to ease rotation and handling with Thumb & Index finger use



### Biospring®



- Sharp and fully aligned edges
- Numerically controlled machining guarantees edge angle accuracy and contact, increasing the tools reliability and consistency
- Produced using high performance alloy steel material provides strength and reliability
- Induction hardening technique and modified cutting edges deliver precise cuts
- Precision screw joint minimizes friction while maximizing cutting edge and tip alignment
- Phosphate finish provides protection against oxidation and reduces glare under illumination



Part No. RX Series	Part No. 80 Series			A mm / in	B mm / in	C mm / in	D mm / in	E mm / in	Soft Wire Cap. mm / inch	Hard Wire Cap. mm / inch	Head Size
RX8140PS	8140PS	O	MB	112.5/4.43	10.5/0.41	10.0/0.39	6.0/0.24	0.8/0.03	0.2-1.25 / 0.01-0.05	0.2-0.5 / 0.01-0.02	S
RX8150PS	8150PS	O	MB	135.5/5.33	12.5/0.50	12.5/0.50	6.0/0.24	1.2/0.05	0.3-1.6 / 0.01-0.06	0.2-0.8 / 0.01-0.03	M
RX8161PS	8161PS	O	F	125.0/4.92	16.0/0.63	16.0/0.63	8.0/0.31	1.6/0.06	0.3-2.0 / 0.01-0.08	0.3-0.8 / 0.01-0.03	L

## Electrical & Electronic Medical Diagnostic Equipment and Instruments

### Oval, Tapered & Tapered / Relieved

Ideal for cutting leads for general assembly, tapered & tapered / relieved versions. Ideal for assembly work where accessibility is a consideration for applications with confined spaces.

- Produced using: High performance alloy steel
- Precision induction hardened cutting edges 63–65 HRC
- ESD safe handles
- Precision screw joint minimizes friction while maximizing cutting edge and tip alignment
- Cutting capacity is listed for solid copper wire
- Phosphate finish

ergo<sup>®</sup>



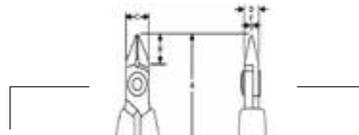
Oval head



Tapered head



Tapered / Relieved head



Part No. RX Series	Part No. 80 Series	Part No. HS Series			A mm / in	B mm / in	C mm / in	D mm / in	F mm / in	Capacity mm / in	Head Size
RX 8130	8130	HS 8130	0	MB	108.0/4.25	8.5/0.33	8.0/0.31	5.0/0.20	0.8/0.03	0.2–1.25 / 0.01–0.05	XS
RX 8131	8131	HS 8131	0	F	108.0/4.25	8.5/0.33	8.0/0.31	5.0/0.20	0.8/0.03	0.1–1.25 / 0.01–0.05	XS
RX 8140	8140	HS 8140	0	MB	110.0/4.33	10.5/0.41	10.0/0.39	6.0/0.24	0.8/0.03	0.2–1.25 / 0.01–0.05	S
RX 8141	8141	HS 8141	0	F	110.0/4.33	10.5/0.41	10.0/0.39	6.0/0.24	0.8/0.03	0.1–1.25 / 0.01–0.05	S
RX 8142	8142	HS 8142	0	UF	110.0/4.33	10.5/0.41	10.0/0.39	6.0/0.24	0.8/0.03	0.1–1.0 / 0.01–0.04	S
RX 8150	8150	HS 8150	0	MB	112.5/4.43	13.0/0.51	12.5/0.50	6.0/0.24	1.2/0.05	0.3–1.6 / 0.01–0.06	M
RX 8151	8151	HS8151	0	F	112.5/4.43	13.0/0.51	12.5/0.50	6.0/0.24	1.2/0.05	0.2–1.6 / 0.01–0.06	M
RX 8160	8160	HS 8160	0	MB	125.0/4.92	16.0/0.63	16.0/0.63	8.0/0.31	1.6/0.06	0.4–2.0 / 0.02–0.08	L
RX 8161	8161	HS 8161	0	F	125.0/4.92	16.0/0.63	16.0/0.63	8.0/0.31	1.6/0.06	0.3–2.0 / 0.01–0.08	L
RX 8143	8143	HS8143	T	MB	110.0/4.33	10.5/0.41	8.0/0.31	6.0/0.24	0.8/0.03	0.2–1.25 / 0.01–0.05	S
RX 8146	8146	HS8146	T&R	MB	110.5/4.33	10.0/0.39	10.0/0.39	6.0/0.24	0.8/0.03	0.2–1.0 / 0.01–0.04	S
RX 8148	8148	HS8148	T&R	UF	110.5/4.33	10.0/0.39	10.0/0.39	6.0/0.24	0.8/0.03	0.1–0.8 / 0.01–0.03	S

T&R = Tapered & Relieved

MB = Micro-Bevel<sup>®</sup>, F = Flush, UF = Ultra Flush<sup>®</sup>

XS=Extra Small / S = Small / M = Medium / L = Large

Capacity = Solid Copper Wire As Reference

## Electrical & Electronic Medical Diagnostic Equipment and Instruments

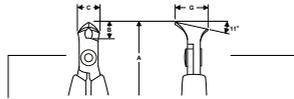
### End, Angle and Oblique Cutters

Ideal for rework and assembly work where accessibility is a consideration.

- Produced using: High performance alloy steel
- Precision induction hardened edges 63–65 HRC
- ESD safe handles
- Precision screw joint minimizes friction and maximizes alignment of the tip and cutting edges
- Phosphate finish
- Angled shapes ideal for use in confined spaces

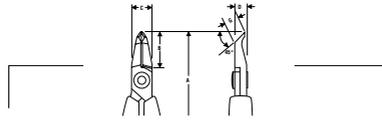


End Cutters



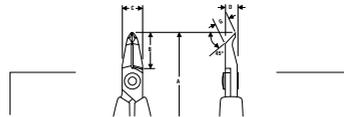
Part No. HS Series			A mm / in	B mm / in	C mm / in	G mm / in	Capacity mm / in	Head Size
7290	End Cutter	Micro-Bevel <sup>®</sup>	108.0/4.25	8.0/0.31	10.5/0.41	15.0/0.59	0.35–1.25/ 0.01–0.05	S
7291	End Cutter	Flush	108.0/4.25	8.0 / 0.31	10.5/0.41	15.0/0.59	0.35–1.25/0.01–0.05	S

Angle



Part No. HS Series			A mm / in	B mm / in	C mm / in	D mm / in	F mm / in	Capacity mm / in	Head Size
7285	Angle	Flush	120.0/4.72	20.0/0.79	9.0/0.35	6.0/0.24	6.0/0.26	0.2–1.0/0.01–0.04	S

Oblique 45°



Part No. RX Series	Part No. 80 Series	Part No. HS Series			A mm / in	B mm / in	C mm / in	D mm / in	G mm / in	Capacity mm / in	Head Size
RX 8247	8247	HS8247	45° Tapered Head	Flush	143.0/5.63	18.0/0.71	10.0/0.39	6.0/0.24	6.7/0.26	0.2–1.0/0.01–0.04	S

S = Small

### Tweezers

Lindstrom's tweezers offer perfect balance, tip alignment and symmetry. Our tweezers meet the most sophisticated and demanding requirements in cleanrooms and ESD environments. We also make special tweezers for unique applications.

- Highest quality Swiss made tweezers
- Flat Edge and strong tips
- Material: SA – Standard material is ESD safe, anti-magnetic stainless



Tweezers

Part No.	Head Shape	Length
00-SA	00-SA	120/4.72

Visit our online catalog and website to see the full assortment

## Electrical & Electronic Medical Diagnostic Equipment and Instruments

### Holding Pliers

Precision Lindstrom pliers provide great performance for general electronics assembly applications fine mechanical work and precise wire bending.

- Produced using: High performance alloy steel
- Polished and tough hardened cutting edges to 55-58 HRC
- Precision screw joint minimizes friction and maximizes alignment of the tip and cutting edges
- ESD safe handles
- RX 7890 with smooth jaws and radiused edges
- RX 7891 with serrated jaws
- RX 7892 Smooth jaws and bent tips angled at 60° with radiused edges

ergo®



Chain nose



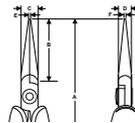
Bent Nose



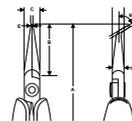
Smooth



Serrated



Part No. RX Series	Part No. Supreme Series		A mm / in	B mm / in	C mm / in	D mm / in	E mm / in	F mm / in	Jaw Surface	Head Size
RX 7890	7890	Chain Nose	158.5/6.24	32.0/1.26	9.0/0.35	6.0/0.24	1.2/0.05	0.8/0.03	Smooth	M
RX 7891	7891	Chain Nose	158.5/6.24	32.0/1.26	9.0/0.35	6.0/0.24	1.2/0.05	0.8/0.03	Serrated	M
RX 7892	7892	Bent Nose	155.5/6.12	29.0/1.14	9.0/0.35	6.7/0.26	1.2/0.05	0.8/0.03	Smooth	M



RX 7892

M = Medium

Part No.	Cutting Result	Description - Application	Cardio Vascular	Electrical Electronic Equipment
7154TC		Designed to provide consistent, precise flush "Tip Cuts" on guidewires, catheters and fine trimming of stents made of hard wire	X	
8154PSP		Designed to provide consistent, precise flush "Tip Cuts" on guidewires, catheters and fine trimming of stents made of soft wire	X	
M2 Series		Designed to cut hard wires, stents, guidewires and single or multiple catheter filars	X	
PS Series		Designed to get the most precise cut on hard wires in electrical and electronic medical diagnostic equipment, dialysis and MRI machines	X	X
RX Series 80 Series Supreme Series		Designed to cut soft wires leads for general assembly, tapered & tapered / relieved versions. Ideal for assembly work where accessibility is a consideration for applications with confined spaces		X

## High Precision Torque Screwdrivers

Lindstrom Torque Screwdrivers virtually eliminate the over-application of force, thereby reducing the risk for damage and rework costs. They feature an ergonomic shape, a positive grip powder-coated finish, and an anti-magnetic ESD safe bit holder that accepts any standard 1/4 inch Hex drive bit.

### Micro-Adjustable Torque Screwdriver

- Torque limiting clutch prevents over application of force to fastener
- Store driver in the protective case at lowest torque setting
- Powder coat wrinkle finish provides positive grip and durability
- Accuracy meets or exceeds +/-6% over recommended usage period: 5000 cycles or one year, whichever occurs first
- Standard adjustable drivers include SAE window scale
- ISO 6789, ISO 1174, ASME B107.300-2010
- ESD safe (IEC 61340-5-1 & EN 100015-1)
- Made in USA



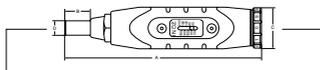
Micro Adjustable Torque screwdriver

### Micro-Adjustable Torque Screwdriver

- Cam-over torque limiting clutch for repeatability
- Powder coat wrinkle finish provides positive grip and durability
- To order, specify the required torque value to set the driver. Lindstrom will supply a Certificate of Calibration at no charge
- Preset screwdrivers ordered without specifying a torque setting will be set to lowest torque value and shipped without a certificate of calibration
- DIN/ISO 6789, EN 26789/1994
- Made in USA



Preset Torque Screwdriver



Part No.	A mm / in	B mm / in	C mm / in	D mm / in	Hexagon Bit Holder	Capacity cNm/ in.ozs	Scale step cNm	Pack Qty
MAL500-1D	138.0/5.43	18.2/0.72	28.0/1.10	9.6/0.38	1/4"	10-80/20-200	1	1
MAL500-2D	157.0/6.18	18.2/0.72	28.0/1.10	9.6/0.38	1/4"	40-200/3-15 in.lbs	2	1
MAL500-3D	171.0/6.73	18.2/0.72	32.0/1.26	9.6/0.38	1/4"	50-450/5-40 in.lbs	5	1
PS501-1D	115.0/4.53	18.2/0.72	28.0/1.10	9.6/0.38	1/4"	4-22 /6-32		1
PS501-2D	141.0/5.55	18.2/0.72	28.0/1.10	9.6/0.38	1/4"	7-70/10-100		1
PS501-3D	141.0/5.55	18.2/0.72	28.0/1.10	9.6/0.38	1/4"	15-170/1.5-15		1
PS501-4D	154.0/6.06	18.2/0.72	32.0/1.26	9.6/0.38	1/4"	45-450/4-40		1

