



Erem pliers, stripping pliers, forming pliers

- Gripping and bending pliers with standard and ergonomic handles
- MagicSense – moulded handle for increase comfort
- Wide variety of head shapes
- Special tool steel, non-reflecting surface, ESD-safe

Internal patented Erem Magic Spring

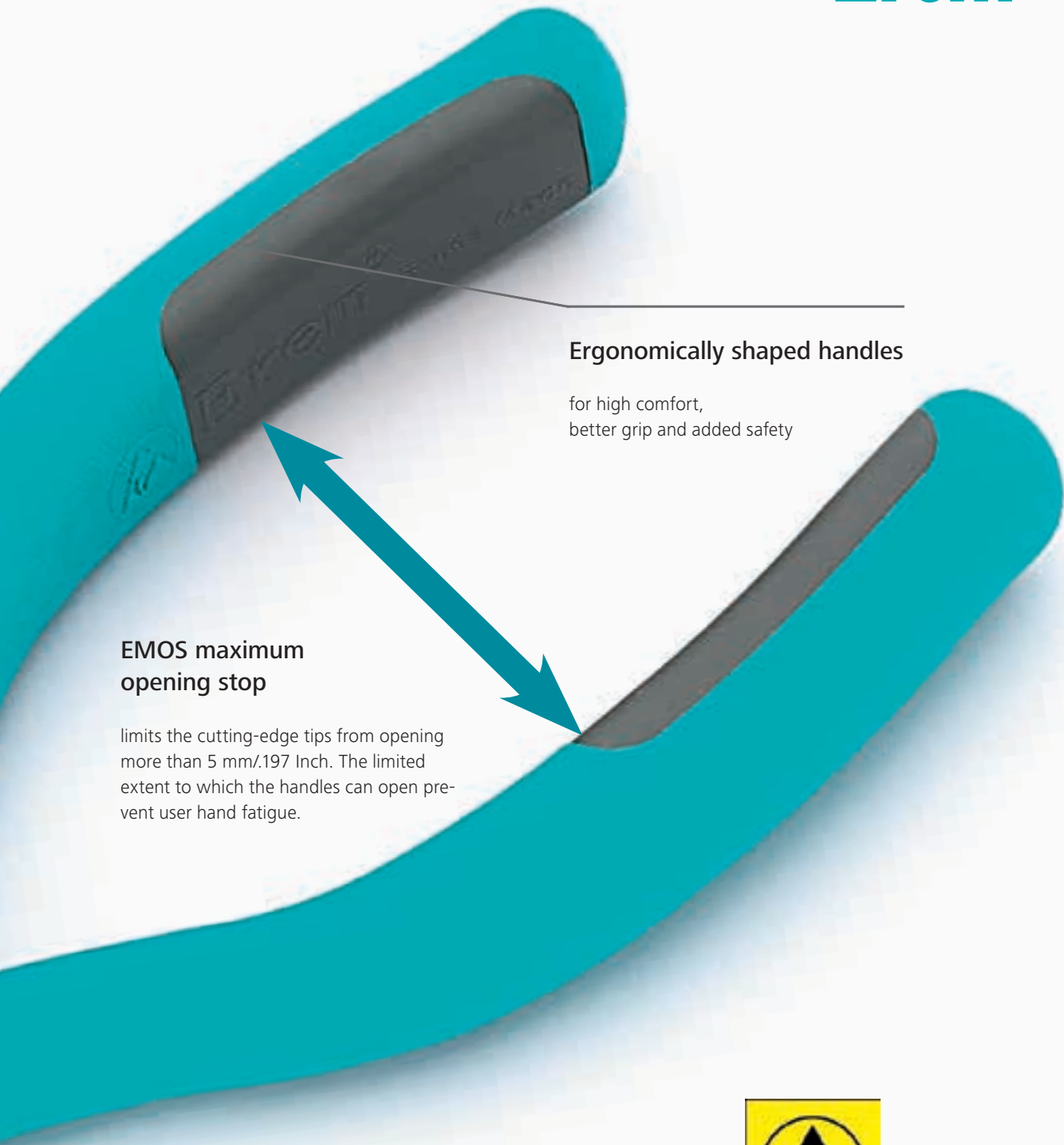
- lange Lebensdauer
- Constant spring force
- Guarantees more than 1 million operations

High precision screw joint

- Smooth jaw action with no play
- Smooth cutting operation with no jaw overlapping

Precision ground jaws





Ergonomically shaped handles

for high comfort,
better grip and added safety

EMOS maximum opening stop

limits the cutting-edge tips from opening more than 5 mm/.197 Inch. The limited extent to which the handles can open prevent user hand fatigue.



ESD-safe

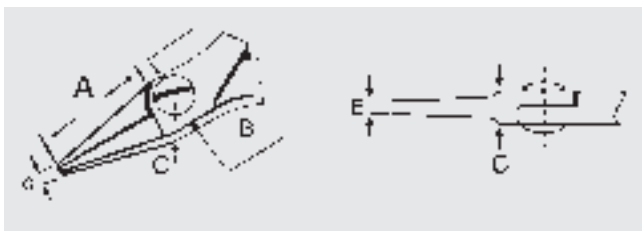
The interchangeable foam-cushion handles are ESD-safe and are fitted as standard on all Erem cutters and pliers.

	conductive	static dissipating	antistatic	insulating
10^∞	10^0	10^5	10^{12}	10^{20} W/cm ²
←—————→				
EMI/RF				
Sources: DOD/CECC				
Erem cutters and pliers				

Pliers

Erem Pliers



- Pliers for miniature and standard electronics
- Special tool steel, non-reflecting surface, ESD-safe
- High grade tool steel




- A = jaw length
- B = head width
- C = head thickness
- E = width of tips
- G = total height of both tips

Round nose pliers



 **120 mm/4.724 Inch**
 **62 g/2.18 oz.**



- Round nose pliers with very precise, smooth jaws.
- Suitable for forming, bending, laying and feeding in wires.

Model	Shape	Dimensions in mm/Inch				
		A	B	C	E \varnothing	G
543E*		23	9	6.5	0.8	1.6
		.905	.354	.256	.031	.062


*Order as 543 in North America

Needle nose pliers





 **120 mm/4.724 Inch**
 **62 g/2.18 oz.**

- Needle nose pliers with very precise, smooth and rounded jaws.
- Suitable for forming, bending, laying and feeding in wires.


Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
547		23	9	6.5	0.9	1.2
		.905	.354	.256	.035	.047

Erem pliers Flat nose pliers





 **120 mm/4.724 Inch**
 **67 g/2.36 oz.**

- Flat nose pliers with smooth jaws and precision-machined edges.
- Suitable for gripping flat workpieces.


Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
542E*		23	9	6.5	2.4	1.4
		.905	.354	.256	.094	.055

*Order as 542 in North America



 **125 mm/4.921 Inch**
 **67 g/2.36 oz.**


- Flat nose pliers with replaceable nylon jaws.
- Nylon jaws prevent nicking and scratching.
- Suitable for forming precious metals and component connections.

Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
531E*		23	9	6.5	5	3
		.905	.354	.256	.197	.118


*Order as 531 in North America

Chain nose pliers





 **120 mm/4.724 Inch**
 **67 g/2.36 oz.**


- Chain nose pliers with narrow half-round jaws.
- For securely handling components.

Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
544E*		23	9	6.5	1	1.4
		.905	.354	.256	.039	.055

*Order as 544 in North America



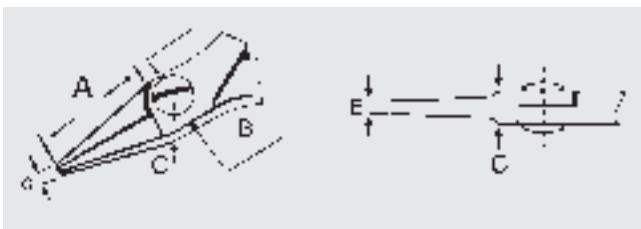
 **120 mm/4.724 Inch**
 **67 g/2.36 oz.**

Model	Shape	Dimensions in mm/Inch					
		A	B	C	E	G	
544D		23	9	6.5	1	1.4	Inside-serrated jaws for secure handling
		.905	.354	.256	.039	.055	

Pliers

Series 2400 MagicSense pliers



- Pliers for miniature and standard electronics
- Optimized ergonomically shaped handles for increased comfort
- Special tool steel, non-reflecting surface, ESD-safe



- A = jaw length
- B = head width
- C = head thickness
- E = width of tips
- G = total height of both tips

Needle nose pliers



 **146 mm/5.748 Inch**
 **72 g/2.54 oz.**

- Needle nose pliers with very precise, smooth and rounded jaws.



Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
2411P		33.5	11	6	1	1.2
		1.319	.433	.236	.039	.047
2411PD		35.5	11	6	1	1.2
		1.319	.433	.236	.039	.047

Model same as 2411P, but with inside-serrated jaws for secure handling


Series 2400 MagicSense pliers

Flat nose pliers





 **146 mm/5.748 Inch**
 **72 g/2.54 oz.**

- Flat nose pliers with smooth jaws and precision-machined edges.
- Suitable for gripping flat workpieces.


Model	Shape	Dimensions in mm/Inch				
		A	B	C	E	G
2442P		33.5	11	6	3.4	1.2
		1.319	.433	.236	.139	.047

Round nose pliers



 **146 mm/5.748 Inch**
 **72 g/2.54 oz.**

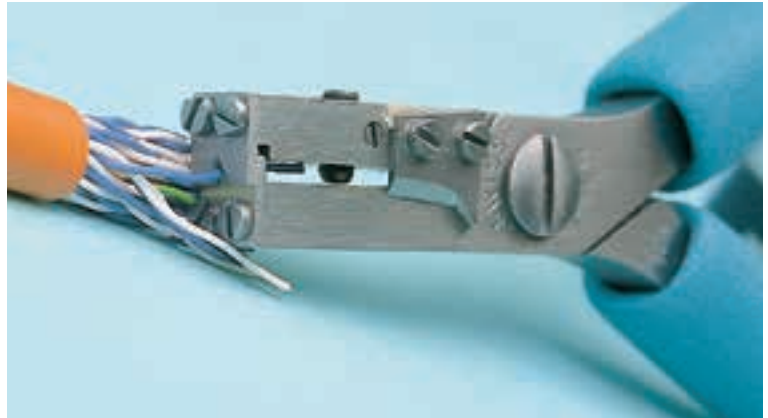
- Round nose pliers with very precise, smooth jaws.
- Suitable for bending wires.

Model	Shape	Dimensions in mm/Inch				
		A	B	C	E \varnothing	G
2443P		33.5	11	6	0.8	1.6
		1.319	.433	.236	.031	.062

Stripping pliers



High precision stripping pliers

- Robust, high-precision tools for use in electronics and aeronautical engineering
- The required diameter is set by means of screws
- Screwdriver and key are included
- Interchangeable blades
- ESD-safe
- Special designs also available on request



Front stripping



 **120 mm/4.724 Inch**
 **75 g/2.65 oz.**

- Suitable for all types of insulation and optical fibres.
- Integral side cutting blade.




A = jaw length
 E = width of tips
 G = total height of both tips
 H = length of cutting blade

Model	Dimensions in mm/Inch				Wire diameter
	A	E	G	H	
510AE	21	5	4	7	0.25 mm – 1.02 mm (AWG 30 – 18)
	.827	.197	.157	.276	

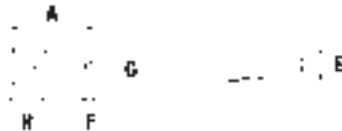
High precision stripping pliers

Front stripping



 **120 mm /4.724 Inch**
 **80 g/2.82 oz**

- Unique precision for damage-free stripping of fine wires.
- Suitable for all types of insulation, Teflon®, Tefzel and optical fibres.



A = jaw length
 E = width of tips
 F = depth of interchangeable blade
 G = total height of both tips
 H = length of cutting blade

Model	Dimensions in mm/Inch					Wire diameter
	A	E	F	G	H	
552E	23	6.5	1	11	9	0.06 mm – 0.6 mm (AWG 42 – 24)
	.905	.256	.039	.433	.354	.002 Inch – .023 Inch

Side stripping



 **120 mm /4.724 Inch**
 **80 g/2.82 oz**

- Unique precision for damage-free stripping of fine wires.
- Suitable for all types of insulation, Teflon®, Tefzel and optical fibres.



A = jaw length
 E = width of tips
 F = depth of interchangeable blade
 G = total height of both tips
 H = length of cutting blade

Model	Dimensions in mm/Inch					Wire diameter
	A	E	F	G	H	
552S	21	6.5	6.7	11	9	0.06 mm – 0.6 mm (AWG 42 – 24)
	.827	.256	.264	.433	.354	.002 Inch – .023 Inch

Forming pliers

Forming pliers for passive components

- Safe bending, forming and preparation of component connections
- High grade tool steel
- Non-reflecting surface
- ESD-safe



 **120 mm/4.724 Inch**
 **70 g/2.47 oz.**

- Suitable for component connections, U-shape.




A = jaw length
 D = height of tips
 E = width of tips
 F = length of forming tool

Model	Dimensions in mm/Inch				Max. connection diameter		
	A	D	E	F	Diodes	Capacitors	Resistors
554E*	13 .512	10 .394	10 .394	10 .394	0.65 mm .025 Inch	0.7 mm .027 Inch	1/2 W

*Order as 554 in North America



 **120 mm/4.724 Inch**
 **70 g/2.47 oz.**

- Suitable for component connections, U-shape, axial forming.
- Narrow head shape.



A = jaw length
 D = height of tips
 E = width of tips
 F = length of forming tool

Model	Dimensions in mm/Inch				Max. connection diameter		
	A	D	E	F	Diodes	Capacitors	Resistors
554A	23 .905	5.6 .220	2.5 .098	4.5 .177	0.65 mm .025 Inch	0.7 mm .027 Inch	1/2 W

Forming pliers for passive components



120 mm/4.724 Inch
70 g/2.47 oz.

- Suitable for secure assembly.
- Forms the two opposing Us in one operation.



A = jaw length
 D = height of tips
 E = width of tips
 F = length of forming tool

Model	Dimensions in mm/Inch	Max. connection diameter		
		Diodes	Capacitors	Resistors
554TX	A D E F	0.65 mm	0.7 mm	1/2 W
	.787 .256 .256 .157	.025 Inch	.027 Inch	



120 mm/4.724 Inch
67 g/2.36 oz.

- For cutting and bending components into two operations to a predefined length.



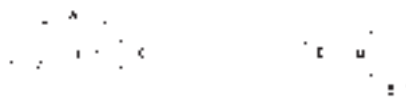
A = jaw length
 D = height of tips
 E = width of tips
 F = length of forming tool

Model	Dimensions in mm/Inch	Max. connection diameter		
		Diodes	Capacitors	Resistors
50788	A D E F	0.65 mm	0.7 mm	1/2 W
	.905 .157 .118	.025 Inch	.027 Inch	



120 mm/4.724 Inch
67 g/2.36 oz.

- For cutting and bending different types of components with two outputs.



A = jaw length
 D = height of tips
 E = width of tips
 F = length of forming tool



Model	Dimensions in mm/Inch	Max. connection diameter		
		Diodes	Capacitors	Resistors
50789Z	A D E F	0.65 mm	0.7 mm	1/2 W
	.905 .130 .138	.025 Inch	.027 Inch	

Forming pliers


High precision forming tools for active components

- Safe bending, forming and preparation of component connections, specially for integrated components and power transistors
- High grade tool steel
- Non-reflecting surface
- ESD-safe





 **120 mm/4.724 Inch**
 **85 g/3.00 oz.**


- Suitable for bending flat components, contacts, power transistors, Triac connections to a right angle.

Model	Dimensions in mm/Inch	
	K max.	M
500103A* 	15 .590	3 – 12 .118 – .472



 **120 mm/4.724 Inch**
 **85 g/3.00 oz.**

- Suitable for cutting and bending Series TO components, diodes and mechanical parts to a right angle.
- Easily adjustable with interchangeable cutting edges.

Model	Dimensions in mm/Inch	
	K max.	M
500210E 	11 .433	3.8 – 15 .149 – .590

*Not available in North America

High precision forming tools for active components



120 mm/4.724 Inch
85 g/3.00 oz.

- 3 connections, suitable for bending components of Series TO 126, 218, 220 and power transistors through 90° in two rows.
- Adjusted by means of a screw.

Model	Dimensions in mm/Inch	Dimensions in mm/Inch		
		K max.	M	I
500104A		13	3.5 – 15	2.54
		.512	.138 – .590	.100

High precision forming pliers for Flat Packs, Quads



120 mm /4.724 Inch
100 g/3.53 oz.

- Suitable for bending flat components, contacts, power transistors, Triac connections to a right angle.

Model	Dimensions in mm/Inch	Dimensions in mm/Inch		
		A	K max.	M
80013C		17	13	2.8
		.669	.512	.110

High precision forming pliers for DIL pins



120 mm/4.724 Inch
98 g/3.46 oz.

- Suitable for cutting and bending DIL pins through 90° in one operation.
- Up to max. 20 DIL pins.

Model	Dimensions in mm/Inch	Dimensions in mm/Inch	
		E	F
8091C		25	0.9
		.984	.035