

## 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

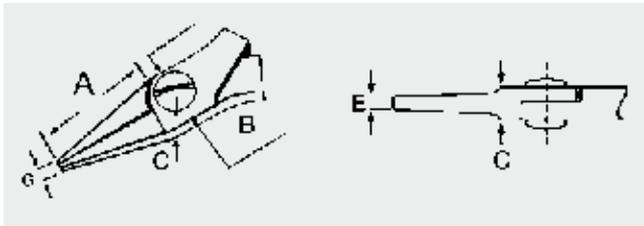




# Pliers

## 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
<b>543E*</b>		23 .905	9 .354	6.5 .256	0.8 .031	1.6 .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
<b>547</b>		23 .905	9 .354	6.5 .256	0.9 .035	1.2 .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

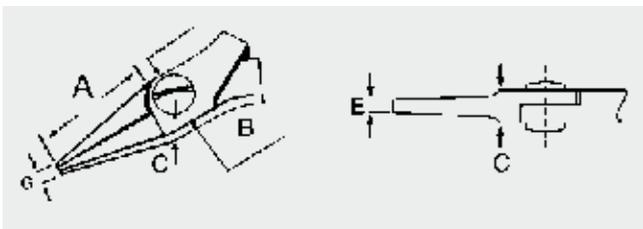


 **120 mm/4.724 Inch**  
 **67 g/2.36 oz.**

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	

## 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	
<b>2411P</b>		33.5 1.319	11 .433	6 .236	1 .039	1.2 .047	
<b>2411PD</b>		35.5 1.319	11 .433	6 .236	1 .039	1.2 .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

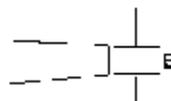
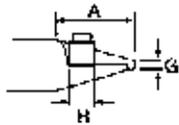


### Front stripping



 **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	
<b>510AE</b>	21 .827	5 .197	4 .157	7 .276	0.25 mm – 1.02 mm (AWG 30 – 18) .010 Inch – .040 Inch

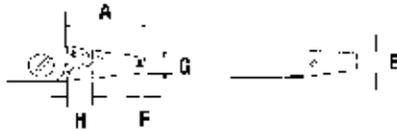
## High precision stripping pliers

### 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

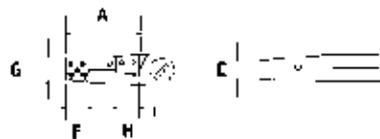
Model	Dimensions in mm/Inch					Wire diameter
	A	E	F	G	H	
<b>552E</b>	23 .905	6.5 .256	1 .039	11 .433	9 .354	0.06 mm – 0.6 mm (AWG 42 – 24) .002 Inch – .023 Inch

### 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	
<b>552S</b>	21 .827	6.5 .256	6.7 .264	11 .433	9 .354	0.06 mm – 0.6 mm (AWG 42 – 24) .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

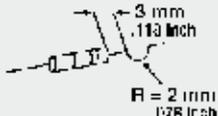


 **120 mm/4.724 Inch**  
 **70 g/2.47 oz.**

- Suitable for component connections, U-shape.



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

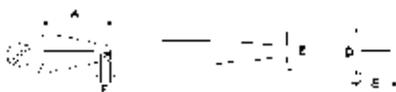
Model	Dimensions in mm/Inch				Max. connection diameter		
	A	D	E	F	Diodes	Capacitors	Resistors
<b>554E*</b> 	13 .512	10 .394	10 .394	10 .394	0.65 mm .025 Inch	0.7 mm .027 Inch	1/2 W

\*Order as 554 in North America

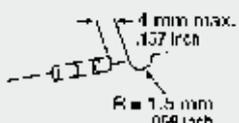


 **120 mm/4.724 Inch**  
 **70 g/2.47 oz.**

- 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

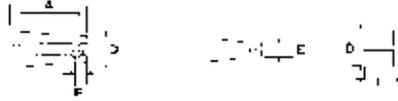
Model	Dimensions in mm/Inch				Max. connection diameter		
	A	D	E	F	Diodes	Capacitors	Resistors
<b>554A</b> 	23 .905	5.6 .220	2.5 .098	4.5 .177	0.65 mm .025 Inch	0.7 mm .027 Inch	1/2 W

## 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			
<b>554TX</b> 	A: 20	D: 6.5	E: 6.5	F: 4	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.



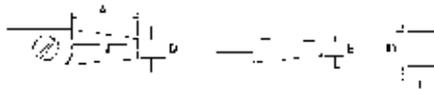
A = jaw length  
 D = height of tips  
 E = width of tips  
 F = length of forming tool

Model	Dimensions in mm/Inch	Max. connection diameter					
		Diodes	Capacitors	Resistors			
<b>50788</b> 	A: 23	D: 4	E: 3	F: 3	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			
<b>50789Z</b> 	A: 23	D: 3.3	E: 3.5	F: 3	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

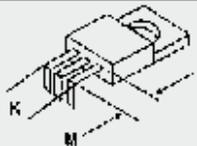
- Safe bending, forming and preparation of component connections, specially for integrated components and power transistors
- High grade tool steel
- Non-reflecting surface
- ESD-safe



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

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

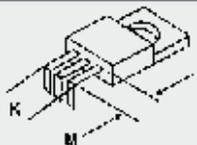
Model	Dimensions in mm/Inch	
	K max.	M
<b>500103A*</b>	15 .590	3 – 12 .118 – .472




 **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
<b>500210E</b>	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
<b>500104A</b>		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
<b>80013C</b>		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
<b>809IC</b>		25	0.9
		.984	.035