Pliers

GET AN ACCURATE AND SURE GRIP ON EVERYTHING

Internal patented Erem Magic Spring

The Magic Spring system used in Erem precision tools is unique. It is integral to the cutting head and provides a constant closing and re-opening force.

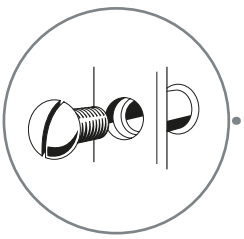
It is highly reliable, makes the tools easy to use and reduces operator fatigue.

- Reduce costs thanks to long life
- Constant spring force
- Guarantees more than 1 million operations

High-precision screw joint

This self-locking screw joint system gives a smooth cutting and opening action and ensures that there is no blade overlap or play.

- Smooth jaw action with no play
- No damaging of sensitive components



Precision-ground jaws

The very precisely worked tips get a firm and sure grip on even the thinnest of parts.

The choice of high-quality materials and meticulous tempering are especially important during the manufacturing of these tweezers.

- Ground with the greatest precision

Special tool steel

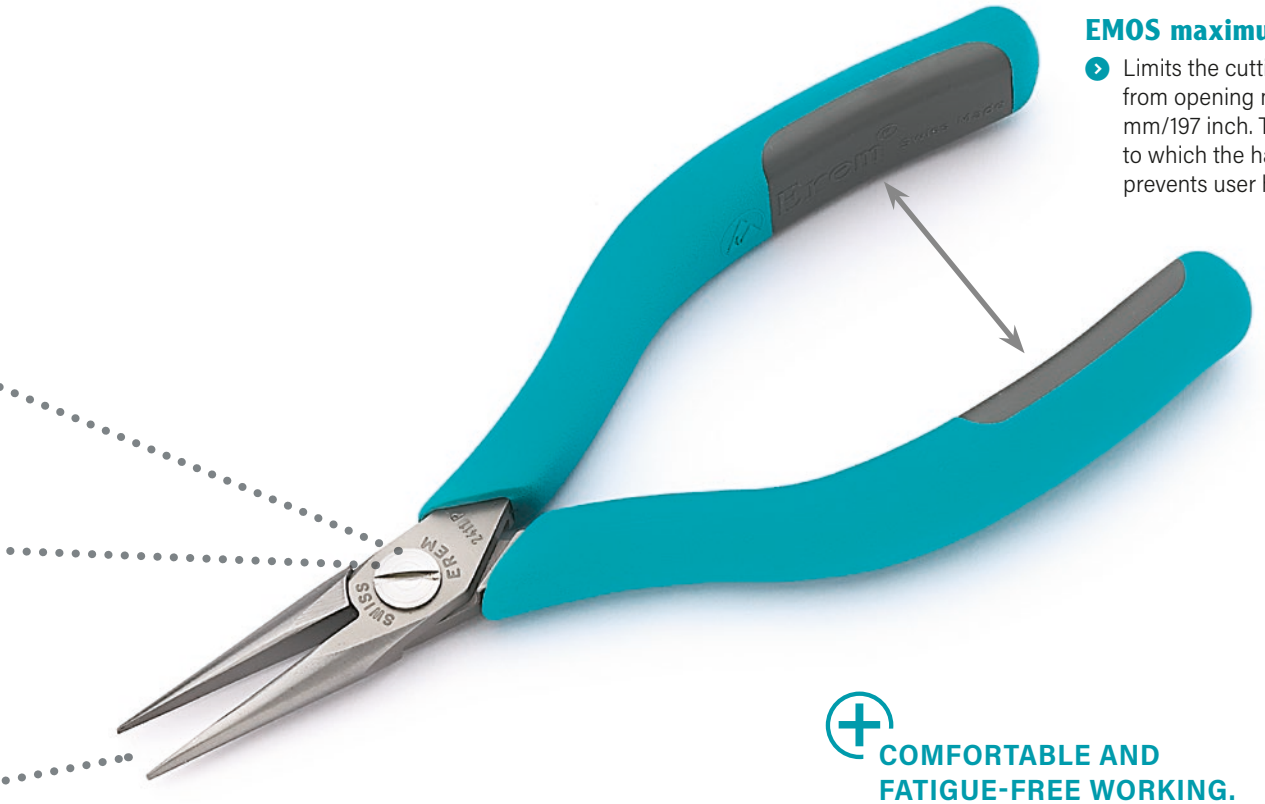
Erem electronics tools are made from bright steel. They are not drop forged. The special tool steel is made using a unique Swiss processing technique.

- The bright tool steel gives additional strength and toughness to the tools to promote a long service life.

WIDE VARIETY OF HEAD SHAPES

Ergonomically shaped handles

- For high comfort, better grip and added safety



EMOS maximum opening stop

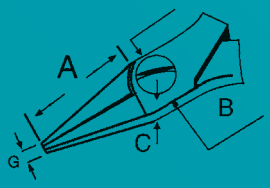
- Limits the cutting-edge tips from opening more than 5 mm/197 inch. The limited extent to which the handles can open prevents user hand fatigue.

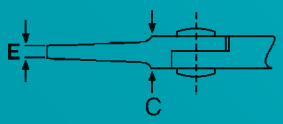
COMFORTABLE AND FATIGUE-FREE WORKING.

ESD-safe

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

Series 500 Medium





A = Jaw length
B = Head width
C = head thickness
E = Width of tips
G = Total height of both tips

Round nose pliers

Round nose pliers with very precise, smooth jaws.

4.724 Inch / 120 mm
2.89 / 62 g

- Pliers for miniature and standard electronics
- Non-reflecting surface, ESD-safe
- Suitable for forming, bending, laying and feeding in wires.
- High grade tool steel

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
543E		0.91	23	0.35	9	0.26	6.5	0.031	Ø 0,8	0.063	1.6
546E		0.70 + 0.236	18 + 6		-	0.236	6.0		-	0.039	1.0

Needle nose pliers

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

4.724 Inch / 120 mm
2.19 / 62 g

- Pliers for miniature and standard electronics
- Non-reflecting surface, ESD-safe, high grade tool steel
- Suitable for forming, bending, laying and feeding in wires.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
547		0.91	23	0.35	9	0.26	6.5	0.035	0.9	0.047	1.2

Flat nose pliers

Flat nose pliers with smooth jaws and precision-machined edges.

4.724 Inch / 120 mm
2.36 / 67 g

- Pliers for miniature and standard electronics
- Non-reflecting surface, ESD-safe, high grade tool steel
- Suitable for gripping flat workpieces.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
542E		0.91	23	0.35	9	0.26	6.5	0.055	1.4	0.055	1.4

Flat nose pliers with replaceable nylon jaws.

4.921 Inch / 125 mm
2.36 / 67 g

- Pliers for miniature and standard electronics
- Non-reflecting surface, ESD-safe High grade tool steel
- Nylon jaws prevent nicking and scratching.
- Suitable for forming precious metals and component connections.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
531E		0.91	23	0.35	9	0.26	6.5	0.2	5	0.12	3

Chain nose pliers

Chain nose pliers with narrow half-round jaws.

4.724 Inch / 120 mm

2.36 / 67 g

- Pliers for miniature and standard electronics
- Non-reflecting surface, ESD-safe High grade tool steel
- For securely handling components.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
544E		0.91	23	0.35	9	0.26	6.5	0.039	1	0.055	1.4

Chain nose pliers with inside-serrated jaws for secure handling

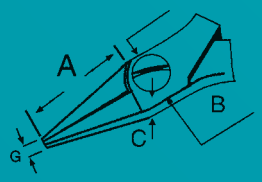
4.724 Inch / 120 mm

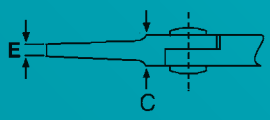
2.64 / 67 g

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

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
544D		0.91	23	0.35	9	0.26	6.5	0.039	1	0.055	1.4

Series 2400 MagicSense





A = Jaw length
B = Head width
C = head thickness
E = Width of tips
G = Total height of both tips

Needle nose pliers

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

5.748 Inch / 146 mm
2.54 / 72 g

- Pliers for miniature and standard electronics
- Optimized ergonomically shaped handles for increased comfort
- Non-reflecting surface, ESD-safe

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
2411P		1.32	33.5	0.43	11	0.24	6	0.039	1	0.047	1.2
2411PD		1.32	33.5	0.43	11	0.24	6	0.039	1	0.047	1.2

Flat nose pliers

Flat nose pliers with smooth jaws and precision-machined edges.

5.748 Inch / 146 mm
2.54 / 72 g

- Pliers for miniature and standard electronics
- Optimized ergonomically shaped handles for increased comfort
- Non-reflecting surface, ESD-safe
- Suitable for gripping flat workpieces.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
2442P		1.32	33.5	0.43	11	0.24	6	0.13	3.4	0.047	1.2

Round nose pliers

Round nose pliers with very precise, smooth jaws

5.748 Inch / 146 mm
2.54 / 72 g

- Pliers for miniature and standard electronics
- Optimized ergonomically shaped handles for increased comfort
- Non-reflecting surface, ESD-safe
- Suitable for bending wires.

Model	Shape	A		B		C		E		G	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
2443P		1.319	33.5	0.43	11	0.24	6	0.031	0.8	0.063	1.6

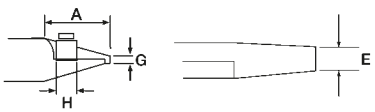
Stripping pliers

High precision stripping pliers

Pliers for front stripping 0.25 mm – 1.02 mm .010 Inch – .040 Inch (AWG 30 – 18)

4.724 Inch / 120 mm

2.65 / 75 g

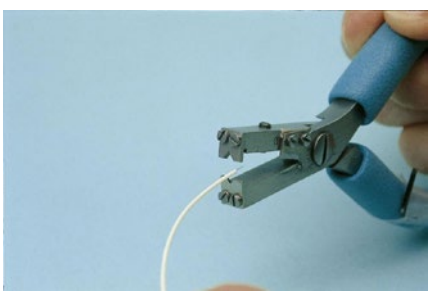


- Robust, high-precision tools for use in electronics and aeronautical engineering
- The required diameter is set by means of screws
- Screwdriver and key are included
- Interchangeable blades
- ESD-safe
- Suitable for all types of insulation and optical fibres.
- Integral side cutting blade.

A = jaw length
E = Width of tips
G = Total height of both tips
H = Length of cutting blade

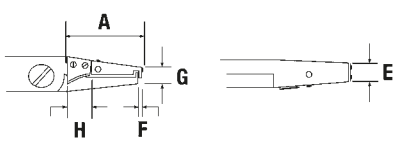
Model	A		E		G		H		Wire diameter	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
510AE	0.83	21	0.20	5	0.16	4	0.28	7	0,010 - 0,040	0,25 - 1,02

Pliers for front stripping 0.06 mm – 0.6 mm .002 Inch – .023 Inch (AWG 42 – 24)



4.724 Inch / 120 mm

2.82 / 80 g

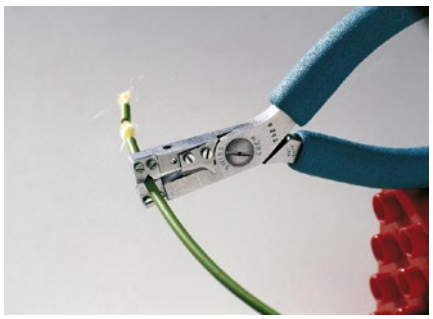


- Robust, high-precision tools for use in electronics and aeronautical engineering
- The required diameter is set by means of screws
- Screwdriver and key are included
- Interchangeable blades
- ESD-safe
- Unique precision for damage-free stripping of fine wires.
- Suitable for all types of insulation, 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

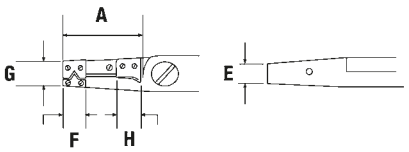
Model	A		E		F		G		H		Wire diameter	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
552E	0.91	23	0.26	6.5	0.39	1	0.43	11	0.35	9	0,002 - 0,023	0,06 - 0,6

Side stripping 0.06 mm – 0.6 mm .002 Inch – .023 Inch (AWG 42 – 24)



4.724 Inch / 120 mm

2.82 / 80 g



A = Jaw length
E = Width of tips
F = Depth of interchangeable blade
G = Total height of both tips
H = Length of cutting blade

- 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
- Unique precision for damage-free stripping of fine wires.
- Suitable for all types of insulation, Teflon®, Tefzel and optical fibres.
- Unlimited stripping length thanks to side stripping
- Suitable for simple and precise stripping of optical fibres
- Non-reflecting surface

Model	A		E		F		G		H		Wire diameter	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
552S	0.82	21	0.26	6.5	0.264	6.7	0.43	11	0.354	9	0,002 - 0,024	0,06 - 0,6

Forming pliers

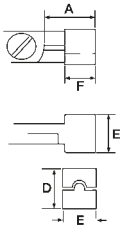
Forming pliers for passive components

Forming pliers for component connection, U-shape.

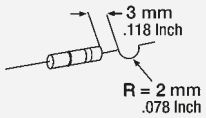
4.724 Inch / 120 mm

2.47 / 70 g

- Safe bending, forming and preparation of component connections
- Non-reflecting surface
- ESD-safe



A = Jaw length
D = Height of tips
E = Width of tips
F = Length of forming

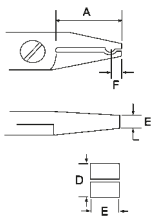
Model		A		D		E		F		Diodes		Capacitors		Resistors
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
554E		0.513	13	0.394	10	0.394	10	0.394	10	0.025	0.65	0.027	0.7	1/2 W

Forming pliers for component connections, U-shape, axial forming.

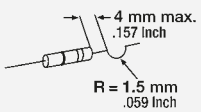
4.724 Inch / 120 mm

2.47 / 70 g

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



A = Jaw length
D = Height of tips
E = Width of tips
F = Length of forming

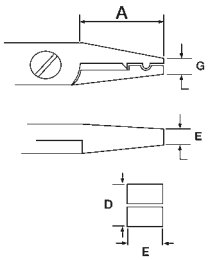
Model		A		D		E		F		Diodes		Capacitors		resistors
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
554A		0.905	23	0.220	5.6	0.098	2.5	0.177	4.5	0.025	0.65	0.027	0.7	1/2 W

Forming pliers for cutting and bending components

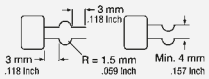
4.724 Inch / 120 mm

2.47 / 67 g

- Safe bending, forming and preparation of component connections
- Non-reflecting surface
- ESD-safe



A = Jaw length
D = Height of tips
E = Width of tips
F = Length of forming

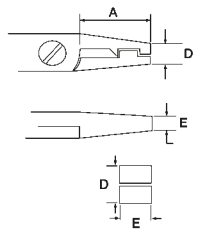
Model		A		D		E		F		Diodes		Capacitors		resistors
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
50788		0.905	23	0.157	4	0.118	3			0.025	0.65	0.027	0.7	1/2 W

Forming pliers for cutting and bending

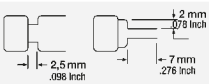
4.724 Inch / 120 mm

2.36 / 67 g

- Safe bending, forming and preparation of component connections
- Non-reflecting surface
- ESD-safe



A = Jaw length
D = Height of tips
E = Width of tips
F = Length of forming

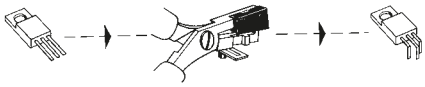
Model		A		D		E		F		Diodes		Capacitors		resistors
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
50789Z		0.905	23	0.130	3.3	0.138	3.5			0.25	0.65	0.027	0.7	1/2 W

Forming plier for bending flat components

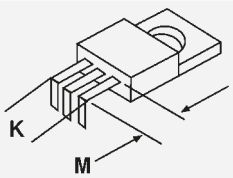
Forming plier for bending flat components, contacts, power transistors, Triac connections to a right angle.

4.724 Inch / 120 mm

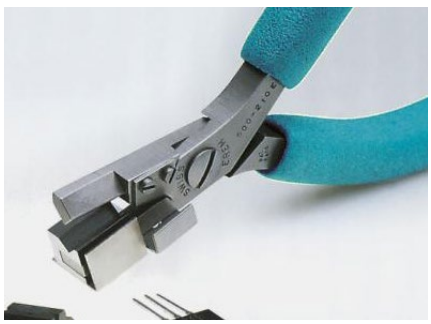
3.00 / 85 g



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

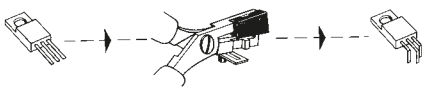
Model	K max.		M	
	Inch	mm	Inch	mm
500103A 	0.590	15	0.118 - 0.472	3,8 - 15

Forming pliers for cutting and bending Series TO components, diodes and mechanical parts to a right angle.

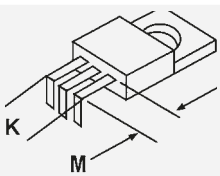


4.724 Inch / 120 mm

3.0 / 85 g



- Safe bending, forming and preparation of component connections, specially for integrated components and power transistors
- Non-reflecting surface
- ESD-safe
- Easily adjustable with interchangeable cutting edges.

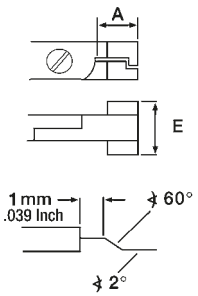
Model	K max.		M	
	Inch	mm	Inch	mm
500210E 	0.433	11	0.149 - 0.590	3,8 - 15

High precision forming pliers for Flat Packs, Quads

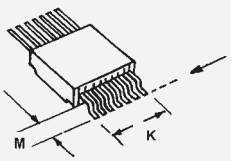
Forming plier for bending flat components, contacts, power transistors, Triac connections to a right angle.

4.724 Inch / 120 mm

3.53 / 100 g



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

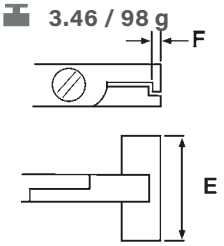
Model		K max.		M		A	
		Inch	mm	Inch	mm	Inch	mm
80013C		0.512	13	0.110	2.8	0.669	17

High precision forming pliers for DIL pins

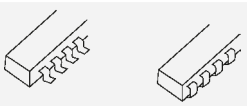
Forming plier for cutting and bending DIL pins through 90° in one operations.

4.724 Inch / 120 mm

3.46 / 98 g



- Safe bending, forming and preparation of component connections, specially for integrated components and power transistors
- Non-reflecting surface
- ESD-safe
- Up to max. 20 DIL pins.

Model		E		F	
		Inch	mm	Inch	mm
809IC		0.984	25	0.035	0.9