

Cutting Capabilities

Side Cutters* Model	max. Cu (Copper) mm			Cut*		
	ø 0,1-0,6	ø 0,6-1,2	ø >1,2	SF	F	FF
147A	[Bar]			x		
511E	[Bar]			x		
512E	[Bar]			x		
512N	[Bar]			x		
521E	[Bar]				x	
522E	[Bar]				x	
522N	[Bar]				x	
532N	[Bar]					x
576EZ	[Bar]				x	
577E	[Bar]				x	
592E	[Bar]				x	
595E	[Bar]				x	
597E	[Bar]			x		
599E	[Bar]				x	
611E	[Bar]			x		
612E	[Bar]			x		
612N	[Bar]			x		
622N	[Bar]				x	
622NA	[Bar]				x	
622NB	[Bar]				x	
632N	[Bar]					x
676E	[Bar]				x	
677E	[Bar]				x	
710E	[Bar]					x
776E	[Bar]					x
792E	[Bar]					x
812N	[Bar]			x		
822N	[Bar]				x	
884E	[Bar]				x	
886E	[Bar]				x	
896E	[Bar]			x		
1512N	[Bar]			x		
1522N	[Bar]				x	
1522NA	[Bar]				x	
1522NB	[Bar]				x	
2212E	[Bar]			x		
2222E	[Bar]				x	
2222EA	[Bar]				x	
2222EB	[Bar]				x	
2232E	[Bar]					x

Tip Cutters* Model	max. Cu (Copper) mm			Cut*	
	ø 0,1-0,6	ø 0,6-1,2	ø >1,2	SF	F
503E	[Bar]				x
504AE	[Bar]				x
555E	[Bar]				x
570E	[Bar]				x
572E	[Bar]				x
573E	[Bar]				x
575E	[Bar]				x
582E	[Bar]				x
582EW	[Bar]				x
670E	[Bar]				x
1503N	[Bar]				x
2282E	[Bar]				x



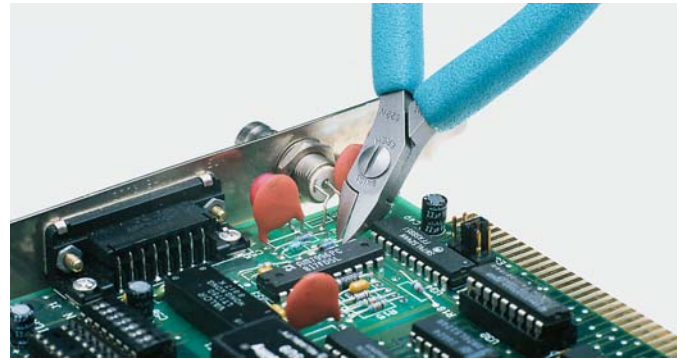
Description see page 21

***Note:** There is no max. Cu indication for Tungsten Carbide cutters. Please ask for the according cutting capabilities.

Side Cutters

Side Cutters

Erem offers a wide range of precision side cutters. To establish which cutter is correct for your application follow the steps below



Head Form



Oval Head

The most common head shape. For standard cutting applications where access is not the problem.



Tapered Head

For cutting tasks where easier access is required. The tapered head shape allows better tip access than the oval head but without much reducing the cutting capability.



Relieved Head

For cutting in confined areas. This is the smallest head shape available. One side is cut away for access even in confined areas. Due to the cut away the cutting capability is reduced. Flush tip cutting.

Cut



Semi Flush

These blades allow a very high resistance. Will cut from tip to heel, malleable wires like Copper as well as hard wires. Leaves a pinch at the end of the wire. For all applications where the cutting type is not so important.



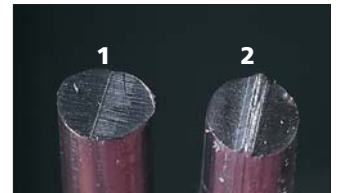
Flush

Allows a flat cut with the same cutting capacities. The edge of the wire is cut off flat. Thanks to faster penetration into the component the operator's effort is substantially reduced. No solder spikes after using wave soldering process.

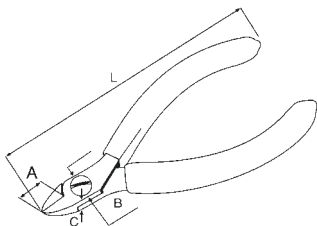


Super Full Flush

An Erem exclusivity. This absolute full flush cut leaves a perfect flat surface on cut leads. It prevents any pinching of leads. Flat, clean cut. No cutting rework after soldering. Soft wires only.



1. Erem Cut 2. Others



Size

110 mm Small short head for increased cutting resistance. For almost all cutting applications.

115 mm Longer and finer head. For cutting applications where easy access is more important than a high cutting capacity.

120 mm Strong version. For all cutting applications where high cutting capacity is required.



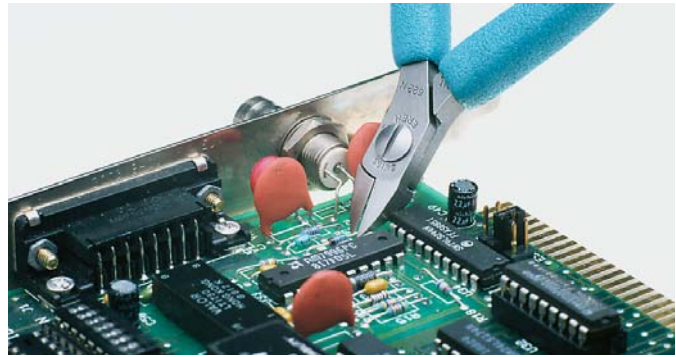
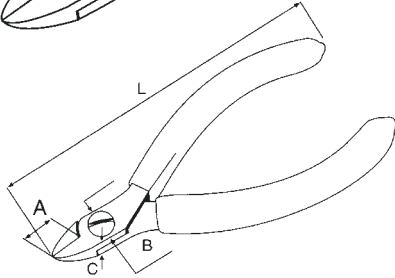
Safety Lead Device

Cutting safety device, holds wire scraps. Can be adapted on all side cutters series 500, 600 and 2200. Add "W" when ordering, e.g. 595EW


Oval Head





Oval Head
Main application:
standard cutting applications.














Length 110 mm

Model	L	A	B	C	Max. Cu	Weight	Description
  612N	110 mm	9 mm	9 mm	6 mm	∅ 1,25 mm	48 g	Semi flush cut, high grade tool steel, burnished, ESD safe, resharpenable Miniature side cutter. Economical line. Small head.
  611E	110 mm	9 mm	9 mm	6 mm	∅ 1,5 mm	48 g	Semi flush cut, high grade tool steel, burnished, ESD safe, resharpenable Miniature side cutter. Small head.
  612E	110 mm	10,5 mm	9 mm	6 mm	∅ 1,5 mm	48 g	Semi flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Miniature side cutter. Standard head width.
  622N	110 mm	9 mm	9 mm	6 mm	∅ 1,25 mm	48 g	Flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Miniature side cutter. Economical line. Small head.
  632N	110 mm	9 mm	9 mm	6 mm	∅ 1,25 mm	48 g	Super full flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Miniature side cutter. Economical line. Small head. Perfect full flush cut. Soft wires only.
  710E	110 mm	8,8 mm	9 mm	6 mm	∅ 1,0 mm	48 g	Super full flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Miniature side cutter. Standard head width. Perfect full flush cut. Soft wires only.

Length 115 mm

Model	L	A	B	C	Max. Cu	Weight	Description
  512N	115 mm	10 mm	10,5 mm	6,5 mm	∅ 1,6 mm	67 g	Semi flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Side cutter for universal use. Medium size. Economical line.

Oval Head

Model	L	A	B	C	Max. Cu	Weight	Description
511E 	115 mm	10 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Semi flush cut, high grade tool steel, burnished, ESD safe, resharpenable Side cutter for universal use. Medium size.
512E 	115 mm	12 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Semi flush cut, high grade tool steel, burnished, ESD safe, resharpenable Side cutter for universal use. Medium size. For tough cutting applications.
597E 	115 mm	12 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Semi flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Side cutter with strong head. For soft and small hard wires.
599T 	115 mm	11,5 mm	10,5 mm	6,5 mm	ask for cutting capability*	67 g	Semi flush cut, Tungsten Carbide blades, anti-glare finish, ESD safe Side cutter with Tungsten Carbide blades for constant quality cuts. Resistant to small stainless steel wires.
599TFO 	115 mm	15 mm	10,5 mm	6,5 mm	ask for cutting capability*	67 g	Semi flush cut, Tungsten Carbide blades, anti-glare finish, ESD safe Side cutter with Tungsten Carbide blades. For cutting Vectran braided wires, fibre optics, Kevlar and small stainless steel braids. Ask for special application.
521E 	115 mm	10 mm	10,5 mm	6,5 mm	ø 1,2 mm	67 g	Flush cut, high grade tool steel, polished head, ESD safe, resharpenable Side cutter for universal use. Medium size.
522N 	115 mm	10 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Side cutter for universal use. Medium size. Economical line.
522E 	115 mm	12 mm	10,5 mm	6,5 mm	ø 1,2 mm	67 g	Flush cut, high grade tool steel, polished head, ESD safe, resharpenable Side cutter for universal use.
599E 	115 mm	12 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Flush cut, high grade tool steel, anti-glare finish, ESD safe Side cutter with robust head.
599TF 	115 mm	11,5 mm	10,5 mm	6,5 mm	ask for cutting capability*	67 g	Flush cut, Tungsten Carbide blades, anti-glare finish, ESD safe Side cutter with Tungsten Carbide blades for constant quality cuts. Resistant to small stainless steel wires.
532N 	115 mm	10 mm	10,5 mm	6,5 mm	ø 1,6 mm	67 g	Super full flush cut, high grade tool steel, anti-glare finish, ESD safe, resharpenable Side cutter for universal use. Medium size. Economical line. Perfect full flush cut. Soft wires only.

* Please provide wire sample.