

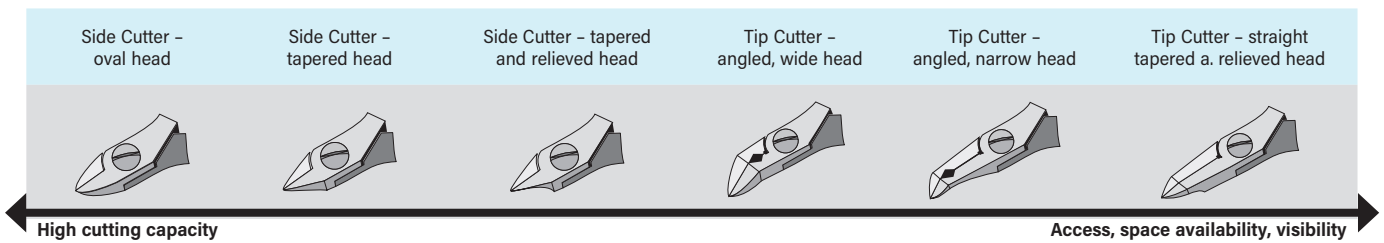


Choosing the right tool

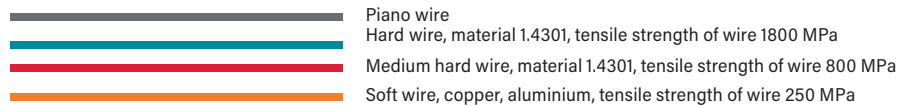
3 Sizes

	Micro		Medium		Maxi	
	Series 600 / 2600	Series 500	Series 2400	Series 800 / 2800		
Width a	9,0 mm	9,0 mm	11,0 mm	11,0 mm	13,5 mm	13,5 mm
Thickness b	6,0 mm	6,0 mm	6,0 mm	6,0 mm	7,2 mm	7,2 mm

How to choose the right tool?



Cutting Capabilities



Type	Type of Cut	mm Inch	Cutting Capacity																		
			0,03 .0001	0,1 .003	0,2 .007	0,3 .011	0,4 .015	0,5 .019	0,6 .023	0,7 .027	0,8 .031	0,9 .035	1,0 .039	1,1 .043	1,2 .047	1,3 .051	1,4 .055	1,5 .059	1,6 .062	1,7 .066	1,8 .070
Series 600 Micro & 2600																					
	612N / 2612N	Semi-flush																			
	622N / 2622N	Flush																			
	622TX	Flush / Carbide																			
	632N / 2632N	Super Full Flush																			
	622NA	Flush																			
	622NB / 2622NB	Flush																			
	676E	Flush																			
	776E	Super Full Flush																			
	632NCF	Super Full Flush	Only for soft materials: silicone, rubber, etc.																		
	670E	Flush																			
	670EP	Flush																			
	670EPF	Flush	Only for micro pitches under 0.5 mm / .019 Inch																		



Type		Type of Cut	Cutting Capacity																			
			0,03	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9
		mm Inch	.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
Series 2400 MagicSense																						
	2412E	Semi-flush	[Capacity bars for 2412E]																			
	2422E	Flush	[Capacity bars for 2422E]																			
	2432E	Super Full Flush	[Capacity bars for 2432E]																			
	2477E	Flush	[Capacity bars for 2477E]																			
	2403E	Flush	[Capacity bars for 2403E]																			
	2404E	Flush	[Capacity bars for 2404E]																			
	2482E	Flush	[Capacity bars for 2482E]																			
	2475E	Flush	[Capacity bars for 2475E]																			
	2470E	Flush	[Capacity bars for 2470E]																			
	2476TX2	Flush / Carbide	[Capacity bars for 2476TX2]																			

Type		Type of Cut	Cutting Capacity																			
			0,03	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9
		mm Inch	.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
Series 500 Medium																						
	512N	Semi-flush	[Capacity bars for 512N]																			
	512E	Semi-flush	[Capacity bars for 512E]																			
	599T	Semi-flush / Carbide	[Capacity bars for 599T]																			
	522N	Flush	[Capacity bars for 522N]																			
	599E	Flush	[Capacity bars for 599E]																			
	532N	Super Full Flush	[Capacity bars for 532N]																			
	576TX1	Flush / Carbide	[Capacity bars for 576TX1]																			
	503E	Flush	[Capacity bars for 503E]																			
	503ETST	Flush / Carbide	[Capacity bars for 503ETST]																			
	503ETST	Flush	[Capacity bars for 503ETST]																			
	555E	Flush	[Capacity bars for 555E]																			
	572E	Flush	[Capacity bars for 572E]																			
	582E	Flush	[Capacity bars for 582E]																			
	592E	Flush	[Capacity bars for 592E]																			
	792E	Super Full Flush	[Capacity bars for 792E]																			
	555E	Flush / Carbide	[Capacity bars for 555E]																			
	570E	Flush	[Capacity bars for 570E]																			
	573E	Flush	[Capacity bars for 573E]																			
			for vertical tip cutting																			

Type		Type of Cut	Cutting Capacity																			
			0,03	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9
		mm Inch	.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
Series 800 Maxi & 2800																						
	812N	Semi-flush	[Capacity bars for 812N]																			
	2812N	Semi-flush	[Capacity bars for 2812N]																			
	822N	Flush	[Capacity bars for 822N]																			
	2822N	Flush	[Capacity bars for 2822N]																			
	886E	Flush	[Capacity bars for 886E]																			
	2886E	Flush	[Capacity bars for 2886E]																			
	884E	Flush	[Capacity bars for 884E]																			

Side cutters and tip cutters

Pliers

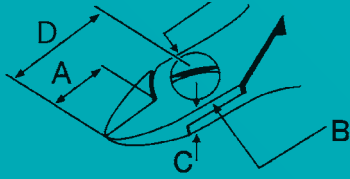
Tweezers

Special tools

Kits



Tungsten-carbide cutters



A = Length of cutting edges
 B = Head width
 C = Head thickness
 D = Head length

Side cutter - oval head, Miniature cutter



4.528 Inch / 115 mm
 2.36 oz. / 67 g

- This is the most widely used head shape.
- Fits for all cutting applications where easy access is given
- It is robust and offers the highest cutting capacity.

Model	Cut	A		B		C		D		Max. cutting capability in mm			
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Piano wire	Hard wire	Medium hardness	Copper wire
622TX	 Flush	0.315	8	0.354	9	0.236	6	0.590	15	Ø 0,2	Ø 0,4	Ø 0,6	Ø 1,2
599T	 Semi-flush	0.472	12	0.433	11	0.236	6	0.748	19	Ø 0,6	Ø 0,8	Ø 1,0	Ø 1,5
599TF	 Flush	0.472	12	0.433	11	0.236	6	0.748	19	Ø 0,6	Ø 0,8	Ø 1,0	Ø 1,5







Side cutter - tapered head



 4.528 Inch / 115 mm

 2.36 oz. / 67 g

- The jaws of the cutter have straight edges and taper to a point. This head shape allows access to difficult to reach areas but reduces the cutting capacity in comparison to the same size oval head cutter.

Model	Cut	A		B		C		D		Max. cutting capability in mm			
		Inch		Inch	mm	Inch	mm	Inch	mm	Piano wire	Hard wire	Medium hardness	Copper wire
595T	 Semi-flush	0.472	12	0.433	11	0.236	6	0.748	19	Ø 0,4	Ø 0,6	Ø 0,8	Ø 1,5
595TF	 Flush	0.472	12	0.433	11	0.256	6	0.748	19	Ø 0,4	Ø 0,6	Ø 0,8	Ø 1,5
2476TX1	 Flush	0.433	11	0.433	11	0.236	6	0.011	19	Ø 0,3	Ø 0,4	Ø 0,5	Ø 1,0
576TX1	 Flush	0.433	11	0.433	11	0.236	6	0.011	19	Ø 0,3	Ø 0,4	Ø 0,5	Ø 1,0


Tip cutter - pointed relieved head



 4.528 Inch / 115 mm

67 g

- This is the narrowest head shape.
- The underside is relieved and facilitates optimum access even to extremely hard-to-reach areas.

Model	Cut	A		B		C		D		Max. cutting capability in mm			
		Inch		Inch	mm	Inch	mm	Inch	mm	Piano wire	Hard wire	Medium hardness	Copper wire
576TX	 Flush	0.433	11	0.433	11	0.236	6	0.748	19	Ø 0,1	Ø 0,2	Ø 0,3	Ø 1,0



Tip cutter - angled wide head



4.331 Inch / 110 mm

2.36 oz. / 67 g

30°

- The angled head provides for precise cuts at different working angles.

Model	Cut	A		B		C		D		Max. cutting capability in mm			
		Inch		Inch	mm	Inch	mm	Inch	mm	Piano wire	Hard wire	Medium hardness	Copper wire
503ET	 Semi-flush	0.354	9	0.433	11	0.236	6	0.748	19	Ø 0,4	Ø 0,6	Ø 0,8	Ø 1,2
503ETF	 Flush	0.354	9	0.433	11	0.236	6	0.787	20	Ø 0,4	Ø 0,6	Ø 0,8	Ø 1,2