

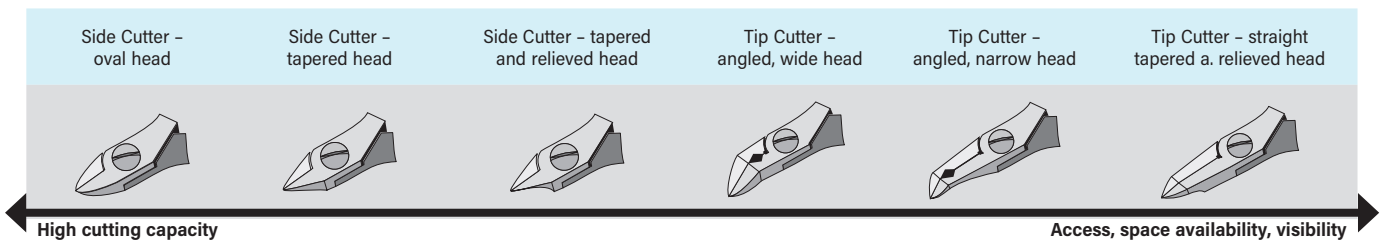


# Choosing the right tool

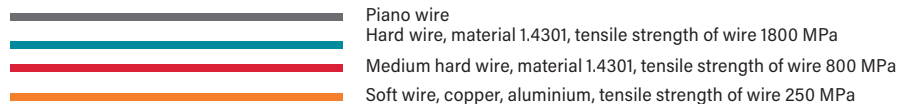
## 3 Sizes

	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
<b>Series 600 Micro &amp; 2600</b>																					
	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																		



Series 2400 MagicSense			Type	Type of Cut	mm	Cutting Capacity																			
					Inch	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
						.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
	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]																			

Series 500 Medium			Type	Type of Cut	mm	Cutting Capacity																			
					Inch	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
						.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
	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	30°		[Capacity bars for 503ETST 30°]																			
	503ETST		Flush			[Capacity bars for 503ETST]																			
			Flush	35°		[Capacity bars for 35°]																			
	555E		Flush	40°		[Capacity bars for 555E 40°]																			
	572E		Flush	45°		[Capacity bars for 572E 45°]																			
	582E		Flush	30°		[Capacity bars for 582E 30°]																			
			Flush	45°		[Capacity bars for 45°]																			
	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]																			

Series 800 Maxi & 2800			Type	Type of Cut	mm	Cutting Capacity																			
					Inch	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
						.0001	.003	.007	.011	.015	.019	.023	.027	.031	.035	.039	.043	.047	.051	.055	.059	.062	.066	.070	.074
	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

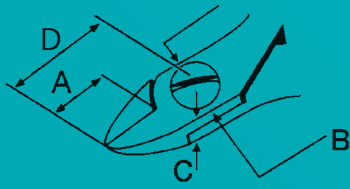
Tweezers

Special tools

Kits



# Series 600 Micro



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

## Side cutter - oval head



4.331 Inch / 110 mm

1.69 oz. / 48 g

- This is the most widely used head shape.
- Fits for all cutting applications where easy access is given

Model	Cut	A		B		C		D		Max. cutting capability in mm		
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Hard wire	Medium hardness	Copper wire
612N	Semi-flush	0.354	9	0.354	9	0.236	6	0.590	15	Ø 0,5	Ø 0,8	Ø 1,3
T622N	Flush	0.354	9	0.354	9	0.236	6	0.590	15	-	Ø 0,8	Ø 1,3
632N	Perfectly flush cut	0.354	9	0.354	9	0.236	6	0.590	15	-	Ø 0,7	Ø 1,3

## Side Cutter - tapered head



4.331 Inch / 110 mm

48 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	mm	Inch	mm	Inch	mm	Inch	mm	Hard wire	Medium hardness	Copper wire
622NA	Flush	0.354	9	0.354	9	0.236	6	0.590	15	-	Ø 0,7	Ø 1,0







## Side cutter – pointed relieved head



 4.331 Inch / 110 mm

 1.69 oz. / 48 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	mm	Inch	mm	Inch	mm	Inch	mm	Hard wire	Medium hardness	Copper wire
<b>622NB</b>	 Flush	0.354	9	0.39	9.8	0.236	6	0.65	16	-	Ø 0,6	Ø 0,8
<b>676E</b>	 Flush	0.354	9	0.354	9	0.236	6	0.590	15	-	Ø 0,6	Ø 0,8
<b>776E</b>	 Perfectly flush cut	0.354	9	0.354	9	0.236	6	0.590	15	-	Ø 0,6	Ø 0,8
<b>632NCF</b>	 Perfectly flush cut	0.354	9	0.354	9	0.236	6	0.590	15	suitable for precision cuts on soft materials, e.g. small silicone tubes, precision connector seals, miniature rubber seals, soft synthetic parts		




## Tip cutter - straight short relieved head



 4.331 Inch / 110 mm

 1.69 oz. / 48 g

- Suitable for cutting SMD and micro-package contacts.

Model	Cut	A		B		C		D		Max. cutting capability in mm		
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Hard wire	Medium hardness	Copper wire
<b>670E</b>	 Flush	0.118	3	0.354	9	0.236	6	0.709	18	-	Ø 0,5	Ø 0,8
<b>670EP</b>	 Flush	0.118	3	0.354	9	0.236	6	0.709	18	-	Ø 0,5	Ø 0,6
<b>670EPF</b>	 Flush	0.118	3	0.354	9	0.236	6	0.709	18	-	Ø 0,4	Ø 0,6