

Side Cutters and Tip Cutters

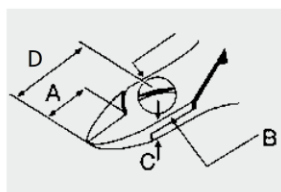
Series 600 Micro

- Miniature cutters
- Offers a wide variety of head shapes for access in difficult to reach areas
- Suitable for SMD and leads (670EP, 670EPF)
- Made from high grade tool steel with cutting edges hardened to 63-65HRC
- Non reflecting surface, ESD safe, resharpenable





Series 600 Micro

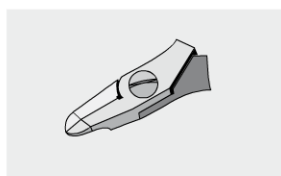


A = length of cutting edges
B = head width
C = head thickness
D = head length



Side Cutters and Tip Cutters

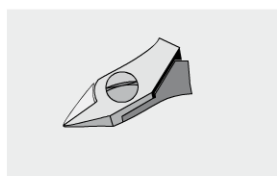
Tip cutter
Straight short
relieved head



Tip cutter
Pointed
relieved head



Side cutter
Tapered head



Side cutter
Oval head



Visibility and accessibility

Robustness, high cutting capacity

Side cutter – oval head



110 mm/4.331 Inch
 48 g/1.69 oz.

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

Model	Cut	Dimensions in mm/Inch				Max. cutting capability in mm/Inch Diameter		
		A	B	C	D	Hard wire	Medium hardness	Copper wire
612N	 Semi-flush	9 .354	9 .354	6 .236	15 .590	0.5 .019	0.8 .031	1.3 .051
622N	 Flush	9 .354	9 .354	6 .236	15 .590	—	0.8 .031	1.3 .051
632N	 Super full flush	9 .354	9 .354	6 .236	15 .590	—	0.7 .027	1.3 .051

Wire quality, see P. 38

Optional: Safety device for wire scraps. Order suffix W, e.g. 612NW.

Side Cutters and Tip Cutters


Series 600 Micro

Side cutter – tapered head



 **110 mm/4.331 Inch**
 **48 g/1.69 oz**

- 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	Dimensions in mm/Inch				Max. cutting capability in mm/Inch Diameter	
		A	B	C	D	Medium hardness	Copper wire
622NA	 Flush	9 .354	9 .354	6 .236	15 .590	0.7 .027	1.0 .039

Tip cutter – pointed relieved head



 **110 mm/4.331 Inch**
 **48 g/1.69 oz.**

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

Model	Cut	Dimensions in mm/Inch				Max. cutting capability in mm/Inch Diameter	
		A	B	C	D	Medium hardness	Copper wire
622NB	 Flush	9 .354	9 .354	6 .236	15 .590	0.6 .023	0.8 .031
676E	 Flush	9 .354	9 .354	6 .236	15 .590	Model same as 622NB, but with short, robust head	
776E	 Super full flush	9 .354	9 .354	6 .236	15 .590	0.6 .023	0.8 .031
632NCF	 Super full flush	9 .354	9 .354	6 .236	15 .590	For soft material such as small silicone tubes, miniature rubber seals or for cutting soft synthetic parts	





Series 600 Micro






Tip cutter – straight short relieved head



 **110 mm/4.331 Inch**
 **48 g/1.69 oz.**

■ Suitable for cutting SMD and micro-package contacts.

Model	Cut	Dimensions in mm/Inch				Max. cutting capability in mm/Inch Diameter	
		A	B	C	D	Medium hardness	Copper wire
670E	 Flush	9 .354	9 .354	6 .236	18 .709	0.5 .019	0.8 .031
670EP	 Flush	9 .354	9 .354	6 .236	18 .709	0.4 .015 High-precision working on SMD and micro-package contacts up to 0.25 mm/.010 Inch	0.6 .023
670EPF*	 Flush	9 .354	9 .354	6 .236	18 .709	Model same as 670EP, but smaller version only for micro pitches under 0.5 mm/.019 Inch (see also P. 40)	

*Not available in North America