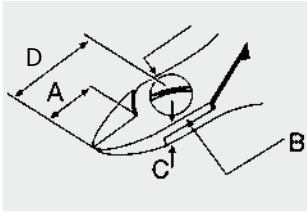


Side Cutters and Tip Cutters

Special applications



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





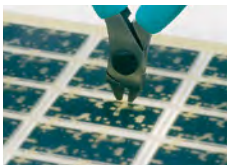
Special applications – Special tool steel, ESD-safe



 **120 mm/4.724 Inch**
 **100 g/3.53 oz.**


■ Side cutter with compound action.

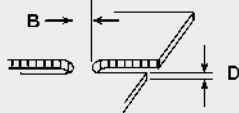
Model	Cut	Dimensions in mm/Inch			Max. cutting capability in mm/Inch Diameter Copper wire	
		A	B	C	Max. D	Max. B
147A	 Semi-flush	12 .472	10.5 .413	7.5 .295	1.8 .070	For cutting hard wires with minimal effort
147AT	 Semi-flush	12 .472	10.5 .413	7.5 .295	1.8 .070	Model same as 147A, but with cutting edges made from tungsten carbide, model on request



 **115 mm/4.527 Inch**
 **79 g/2.79 oz.**

■ Side cutter, suitable for cutting printed-circuit boards.

Model	Cut	Max. cutting capability in mm/Inch	
		Max. D	Max. B
1884EPCM	 Flush	1.5 .059	2.0 .078



A diagram illustrating the flush cut action. Dimension B is the width of the cut, and dimension D is the thickness of the material being cut. The diagram shows the side cutters cutting through a material, with the cut being flush with the surface.

*Not available in North America




Special applications




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

- Side cutter, suitable for precision cuts on soft materials, e.g. small silicone tubes in medical applications, precision connector seals, miniature rubber seals, soft synthetic parts.

Model	Cut	Dimensions in mm/Inch		
		A	B	C
632NCF	 Super full flush	9 .354	9 .354	6 .236



 **115 mm/4.527 Inch**
 **67 g/2.36 oz.**


- Side cutter, suitable for cutting Kevlar® silks.

Model	Dimensions in mm/Inch			
	A	B	C	D
599FO	12 .472	11 .433	6.5 .256	19 .748



 **115 mm/4.527 Inch**
 **67 g/2.36 oz.**

- Side cutter with cutting edges made from tungsten carbide.

Model	Cut	Dimensions in mm/Inch				
		A	B	C	D	
599TFO	 Semi-flush	12 .472	10.5 .413	6.5 .256	19 .748	Model same as 599FO, but with cutting edges made from tungsten carbide. Suitable for cutting Kevlar® silks, Vectran™-sheathed wires, optical fibres and small stainless wires