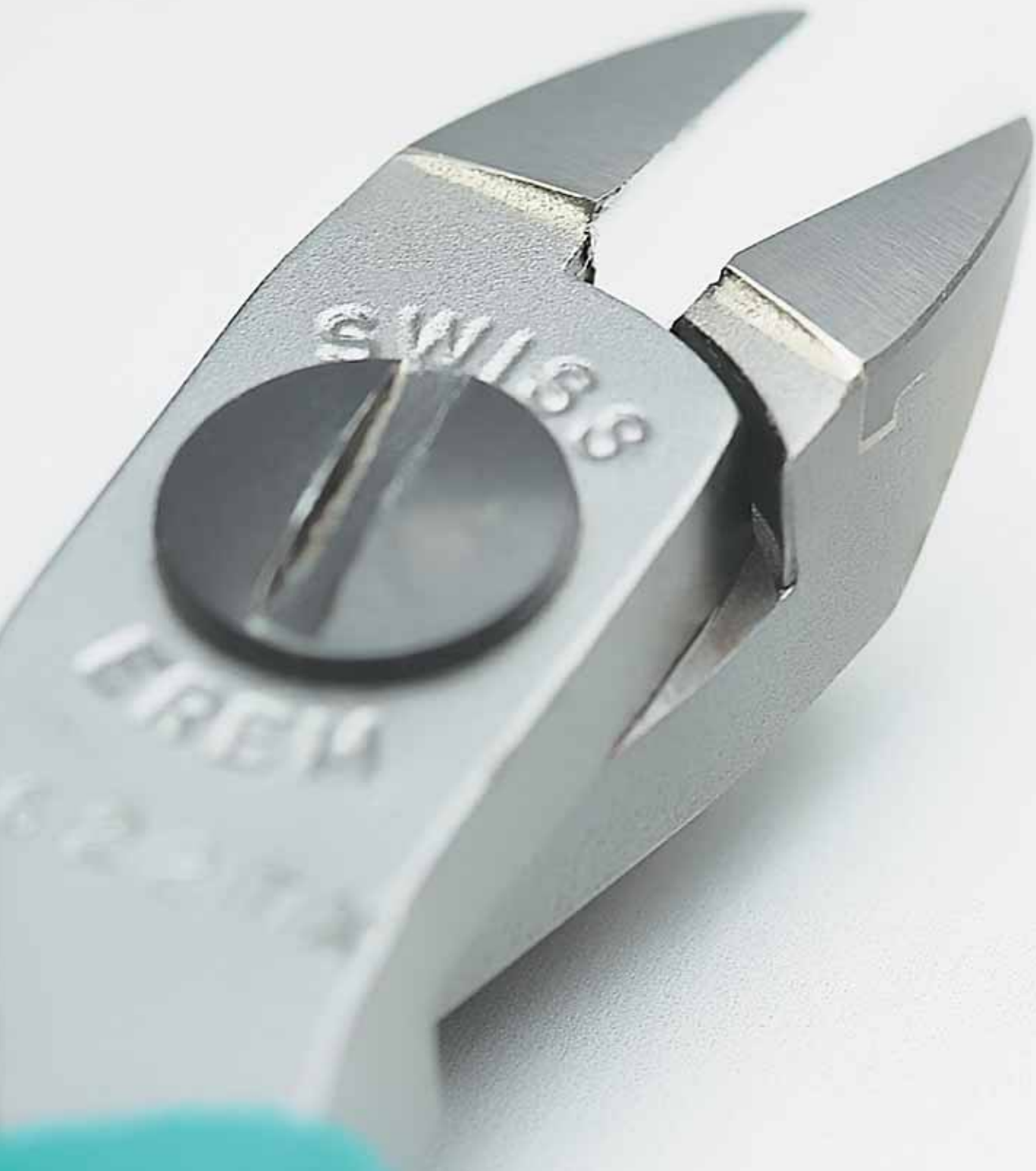


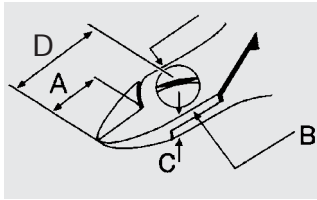
Side Cutters and Tip Cutters

Tungsten-carbide cutters

- Medium sized precision cutters
- Wear resistant tungsten carbide edged cutting blades
- Manufactured from high grade tool steel
- Suitable for cutting hard and tough wires e.g. piano wire, nickel and diode leads
- Non reflecting surface, ESD safe and resharpenable



Tungsten-carbide cutters



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



Tip cutter Pointed relieved head	Tip cutter Angled wide head	Side cutter Tapered head	Side cutter Oval head
← Visibility and accessibility		→ Robustness, high cutting capacity	

Side cutter – oval head



115 mm / 4.527 Inch
 67 g / 2.36 oz.

- This is the most widely used head shape.
- 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	Piano wire	Hard wire	Medium hardness	Copper wire	
622TX	 Flush	8	9	6	15	0.2	0.4	0.6	1.2	Miniature cutter
		.315	.354	.236	.590	.007	.015	.023	.047	
599T	 Semi-flush	12	11	6.5	19	0.6	0.8	1.0	1.5	
		.472	.433	.256	.748	.023	.031	.039	.059	
599TF	 Flush	12	11	6.5	19	0.6	0.8	1.0	1.5	
		.472	.433	.256	.748	.023	.031	.039	.059	

Wire quality, see P. 38

Side Cutters and Tip Cutters

Tungsten-carbide cutters







Side cutter – tapered head



115 mm / 4.527 Inch
67 g / 2.36 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	Piano wire	Hard wire	Medium hardness	Copper wire	
595T	 Semi-flush	12 .472	11 .433	6.5 .256	19 .748	0.4 .015	0.6 .023	0.8 .031	1.5 .059	
595TF	 Flush	12 .472	11 .433	6.5 .256	19 .748	0.4 .015	0.6 .023	0.8 .031	1.5 .059	
2476TX1	 Flush	11 .433	11 .433	6 .236	19 .748	0.3 .011	0.4 .015	0.5 .019	1.0 .039	Series 2400 MagicSense model (Length: 130 mm / 5.118 Inch)
576TX1	 Flush	11 .433	11 .433	6.5 .256	19 .748	0.3 .011	0.4 .015	0.5 .019	1.0 .039	

Tungsten-carbide cutters

Tip cutter – pointed relieved head



115 mm / 4.527 Inch
 67 g / 2.36 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	Piano wire	Hard wire	Medium hardness	Copper wire	
2476TX	 Flush	11 .433	11 .433	6 .236	19 .748	0.1 .003	0.2 .007	0.3 .011	1.0 .039	Series 2400 MagicSense model
576TX	 Flush	11 .433	11 .433	6.5 .256	19 .748	0.1 .003	0.2 .007	0.3 .011	1.0 .039	

Tip cutter – angled wide head



110 mm / 4.331 Inch
 67 g / 2.36 oz.
 30°

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

Model	Cut	Dimensions in mm/Inch				Max. cutting capability in mm/Inch Diameter				
		A	B	C	D	Piano wire	Hard wire	Medium hardness	Copper wire	
503ET	 Semi-flush	9 .354	11 .433	6.5 .256	19 .748	0.4 .015	0.6 .023	0.8 .031	1.2 .047	
503ETF	 Flush	9 .354	11 .433	6.5 .256	20 .787	0.4 .015	0.6 .023	0.8 .031	1.2 .047	