

Side Cutters and Tip Cutters

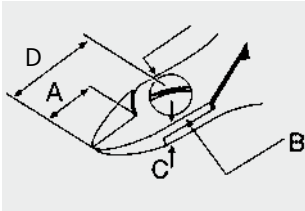
Tungsten-carbide cutters

- 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.
- 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 | Piano wire | Hard wire | Medium hardness | Copper wire |
| 622TX | Flush | 8 | 9 | 6 | 15 | 0.2 | 0.4 | 0.6 | 1.2 |
| | | .315 | .354 | .236 | .590 | .007 | .015 | .023 | .047 |
| Miniature cutter | | | | | | | | | |
| 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 |


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 | 11 | 6 | 19 | 0.1 | 0.2 | 0.3 | 1.0 |
| | | .433 | .433 | .236 | .748 | .003 | .007 | .011 | .039 |
| Series 2400 MagicSense model | | | | | | | | | |
| 576TX |  Flush | 11 | 11 | 6.5 | 19 | 0.1 | 0.2 | 0.3 | 1.0 |
| | | .433 | .433 | .256 | .748 | .003 | .007 | .011 | .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 | 11 | 6.5 | 19 | 0.4 | 0.6 | 0.8 | 1.2 |
| | | .354 | .433 | .256 | .748 | .015 | .023 | .031 | .047 |
| 503ETF |  Flush | 9 | 11 | 6.5 | 20 | 0.4 | 0.6 | 0.8 | 1.2 |
| | | .354 | .433 | .256 | .787 | .015 | .023 | .031 | .047 |