



522NW

Product no.: 522NW

Side cutter, same as 522N, with optional safety device "wire catcher"



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.



[source images](#)

The Perfect Cut - Strong, sharp and precise, every time

The Weller Erem Series 500 Micro is a full range of medium sized, robust, precision cutters with a wide range of head shapes. The cutters are manufactured from high grade tool steel. The cutting edges are hardened to Rockwell 63-65 HRC. The precision cutters have a nonreflecting surface, are ESD safe and resharable.

| | | Type | Type of Cut | Cutting Capacity |
|--------------------------|-------------|--|----------------------|---|
| | | mm 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 2,0 Inch .001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078 | | |
| Series 500 Medium | | | | |
| | 512N | | Semi Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 512E | | Semi Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 599T | | Semi Flush / Carbide | [Bar chart showing capacity up to approx 1.5mm] |
| | 522N | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 599E | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 532N | | Super Full Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 576TX1 | | Flush / Carbide | [Bar chart showing capacity up to approx 1.5mm] |
| | 503E | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 503ETST 30° | | Flush / Carbide | [Bar chart showing capacity up to approx 1.5mm] |
| | 504AE | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 555E 35° | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 572E 40° | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 582E 45° | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 593AE 30° | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 575E 45° | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 592E | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 792E | | Super Full Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 576TX | | Flush / Carbide | [Bar chart showing capacity up to approx 1.5mm] |
| | 570E | | Flush | [Bar chart showing capacity up to approx 1.5mm] |
| | 573E | | Flush | [Bar chart showing capacity up to approx 1.5mm] |

for vertical tip cutting





Technical Data

| | |
|--|-----------------|
| Length mm | 115 |
| Length of cutting edges mm | 12 |
| Head width mm | 11 |
| Head thickness mm | 6 |
| Head length mm | 19 |
| Max. cutting capability – hard wire mm | --- |
| Weight in oz | 2.363 |
| Length of cutting edges Inches | 0.472 |
| Head width Inches | 0.433 |
| Head thickness Inches | 0.236 |
| Head length Inches | 0.748 |
| ESD-safe | on |
| Cut | Flush |
| Max. cutting capability – medium hardness mm | Ø 1,0 |
| Max. cutting capability – copper wire mm | Ø 1,6 |
| Length inches | 4.528 |
| Weight in g | 67.0 |
| Erem applications | Microelectronic |