



# 523E

Product no.: 523E

Tip cutter - angled, wide, robust head, oval shape



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



slightly shorter head than 503E



[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                                     |
|--|-------------|--|----------------------|--|
|  |             | Series 500 Medium  |                      |  |
|  |             | 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 .0001 .0003 .0007 .0011 .0015 .0019 .0023 .0027 .0031 .0035 .0039 .0043 .0047 .0051 .0055 .0059 .0062 .0066 .0070 .0074 .0078 |                      |  |
|  | 512N        |  | Semi Flush           | [Bar chart showing cutting capacity for 512N]        |
|  | 512E        |  | Semi Flush           | [Bar chart showing cutting capacity for 512E]        |
|  | 599T        |  | Semi Flush / Carbide | [Bar chart showing cutting capacity for 599T]        |
|  | 522N        |  | Flush                | [Bar chart showing cutting capacity for 522N]        |
|  | 599E        |  | Flush                | [Bar chart showing cutting capacity for 599E]        |
|  | 532N        |  | Super Full Flush     | [Bar chart showing cutting capacity for 532N]        |
|  | 576TX1      |  | Flush / Carbide      | [Bar chart showing cutting capacity for 576TX1]      |
|  | 503E        |  | Flush                | [Bar chart showing cutting capacity for 503E]        |
|  | 503ETST 30° |  | Flush / Carbide      | [Bar chart showing cutting capacity for 503ETST 30°] |
|  | 504AE       |  | Flush                | [Bar chart showing cutting capacity for 504AE]       |
|  | 555E 35°    |  | Flush                | [Bar chart showing cutting capacity for 555E 35°]    |
|  | 572E 40°    |  | Flush                | [Bar chart showing cutting capacity for 572E 40°]    |
|  | 582E 45°    |  | Flush                | [Bar chart showing cutting capacity for 582E 45°]    |
|  | 593AE 30°   |  | Flush                | [Bar chart showing cutting capacity for 593AE 30°]   |
|  | 575E 45°    |  | Flush                | [Bar chart showing cutting capacity for 575E 45°]    |
|  | 592E        |  | Flush                | [Bar chart showing cutting capacity for 592E]        |
|  | 792E        |  | Super Full Flush     | [Bar chart showing cutting capacity for 792E]        |
|  | 576TX       |  | Flush / Carbide      | [Bar chart showing cutting capacity for 576TX]       |
|  | 570E        |  | Flush                | [Bar chart showing cutting capacity for 570E]        |
|  | 573E        |  | Flush                | [Bar chart showing cutting capacity for 573E]        |
|  |             |  |                      | for vertical tip cutting                             |





**Technical Data**

|  |                 |
|--|-----------------|
| Length mm                                    | 110             |
| Length of cutting edges mm                   | 12              |
| Head width mm                                | 11              |
| Head thickness mm                            | 6               |
| Head length mm                               | 19.2            |
| Max. cutting capability – hard wire mm       | ---             |
| Weight in oz                                 | 2.293           |
| Length of cutting edges Inches               | 0.472           |
| Head width Inches                            | 0.433           |
| Head thickness Inches                        | 0.236           |
| Head length Inches                           | 0.756           |
| ESD-safe                                     | on              |
| Cut  | Flush           |
| Max. cutting capability – medium hardness mm | Ø 1             |
| Max. cutting capability – copper wire mm     | Ø 1.6           |
| Length inches                                | 4.331           |
| Weight in g                                  | 65              |
| Erem applications                            | Microelectronic |