



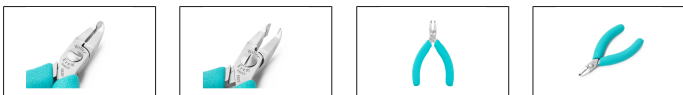
## 582E

Product no.: 582E

Tip cutter - angled narrow head



Suitable for working on printed-circuit boards, component connections, can be used in both 90° and 180° applications



[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         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| <b>Series 500 Medium</b> <div> 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<br/> Inch .001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078 </div> |                             |                          |
|                                                                                                                                                               | 512N Semi Flush             |                          |
|                                                                                                                                                               | 512E Semi Flush             |                          |
|                                                                                                                                                               | 599T Semi Flush / Carbide   |                          |
|                                                                                                                                                               | 522N Flush                  |                          |
|                                                                                                                                                               | 599E Flush                  |                          |
|                                                                                                                                                               | 532N Super Full Flush       |                          |
|                                                                                                                                                               | 576TX1 Flush / Carbide      |                          |
|                                                                                                                                                               | 503E Flush                  |                          |
|                                                                                                                                                               | 503ETST 30° Flush / Carbide |                          |
|                                                                                                                                                               | 504AE Flush                 |                          |
|                                                                                                                                                               | 555E 35° Flush              |                          |
|                                                                                                                                                               | 572E 40° Flush              |                          |
|                                                                                                                                                               | 582E 45° Flush              |                          |
|                                                                                                                                                               | 593AE 30° Flush             |                          |
|                                                                                                                                                               | 575E 45° Flush              |                          |
|                                                                                                                                                               | 592E Flush                  |                          |
|                                                                                                                                                               | 792E Super Full Flush       |                          |
|                                                                                                                                                               | 576TX Flush / Carbide       |                          |
|                                                                                                                                                               | 570E Flush                  |                          |
|                                                                                                                                                               | 573E Flush                  | for vertical tip cutting |





### Technical Data

|                                              |                 |
|----------------------------------------------|-----------------|
| Length mm                                    | 115             |
| Length of cutting edges mm                   | 6               |
| Head width mm                                | 11              |
| Head thickness mm                            | 6               |
| Head length mm                               | 26              |
| Max. cutting capability – hard wire mm       | ---             |
| Weight in oz                                 | 2.399           |
| Length of cutting edges Inches               | 0.236           |
| Head width Inches                            | 0.433           |
| Head thickness Inches                        | 0.236           |
| Head length Inches                           | 1.024           |
| ESD-safe                                     | on              |
| Cut                                          | Flush           |
| Max. cutting capability – medium hardness mm | Ø 0,6           |
| Max. cutting capability – copper wire mm     | Ø 1,3           |
| Length inches                                | 4.528           |
| Weight in g                                  | 68              |
| Erem applications                            | Microelectronic |