



## 599E

Product no.: 599E

Side cutter – oval, robust head



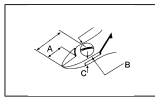
This is the most widely used head shape, robust.



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         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| 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<br>Inch .001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078 |                             |                          |
|                                                                                                                                                                                                          | 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                   | 12              |
| Head width mm                                | 11              |
| Head thickness mm                            | 6               |
| Head length mm                               | 19              |
| Max. cutting capability – hard wire mm       | ---             |
| Weight in oz                                 | 2.325           |
| 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                                  | 65.9            |
| Erem applications                            | Microelectronic |