



# 622N

Product no.: T622N

Side cutter – oval head



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 600 Micro is a range of miniature precision cutters that offers a wide variety of head shapes for access in difficult to reach areas. These micro cutters are suitable for SMD and leads (670EP, 670EPF). The cutters are made from high grade tool steel with cutting edges hardened to 63-65HRc. The precision cutters have a nonreflecting surface, are ESD safe and resharpenable.

|                                    |                 | Type | Type of Cut      | Cutting Capacity  |
|------------------------------------|-----------------|------|------------------|---|
| <b>Series 600 Micro &amp; 2600</b> |                 |      |                  | 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 .0001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078 |
|                                    | 612N<br>2612N   |      | Semi Flush       | [Bar chart showing capacity up to approx 0.8mm]   |
|                                    | 622N<br>2622N   |      | Flush            | [Bar chart showing capacity up to approx 1.3mm]   |
|                                    | 622TX           |      | Flush / Carbide  | [Bar chart showing capacity up to approx 0.4mm]   |
|                                    | 632N<br>2632N   |      | Super Full Flush | [Bar chart showing capacity up to approx 1.3mm]   |
|                                    | 622NA           |      | Flush            | [Bar chart showing capacity up to approx 1.0mm]   |
|                                    | 622NB<br>2622NB |      | Flush            | [Bar chart showing capacity up to approx 0.8mm]   |
|                                    | 676E            |      | Flush            | [Bar chart showing capacity up to approx 0.8mm]   |
|                                    | 776E            |      | Super Full Flush | [Bar chart showing capacity up to approx 0.8mm]   |
|                                    | 632NCF          |      | Super Full Flush | only for soft materials: silicone, rubber...  |
|                                    | 670E            |      | Flush            | [Bar chart showing capacity up to approx 0.8mm]   |
|                                    | 670EP           |      | Flush            | [Bar chart showing capacity up to approx 0.4mm]   |
|                                    | 670EPF          |      | Flush            | for micro pitches under 0,5 mm  |





**Technical Data**

|  |                 |
|--|-----------------|
| Length mm                                    | 110             |
| Length of cutting edges mm                   | 10              |
| Head width mm                                | 9               |
| Head thickness mm                            | 6               |
| Head length mm                               | 17              |
| Max. cutting capability – hard wire mm       | ---             |
| Weight in oz                                 | 1.799           |
| Length of cutting edges Inches               | 0.394           |
| Head width Inches                            | 0.354           |
| Head thickness Inches                        | 0.236           |
| Head length Inches                           | 0.669           |
| ESD-safe                                     | on              |
| Cut  | Flush           |
| Max. cutting capability – medium hardness mm | Ø 0,8           |
| Max. cutting capability – copper wire mm     | Ø 1,3           |
| Length inches                                | 4.331           |
| Weight in g                                  | 51              |
| Erem applications                            | Microelectronic |