



# 612N

Product no.: 612N

Side cutter – oval head



This is the most widely used head shape.



Fits for all cutting applications where easy access is given



[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 Inch .0001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078
	612N 2612N		Semi Flush	[Bar chart showing capacity up to approx 0.8mm]
	622N 2622N		Flush	[Bar chart showing capacity up to approx 1.0mm]
	622TX		Flush / Carbide	[Bar chart showing capacity up to approx 0.4mm]
	632N 2632N		Super Full Flush	[Bar chart showing capacity up to approx 1.0mm]
	622NA		Flush	[Bar chart showing capacity up to approx 1.0mm]
	622NB 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 0.5mm]
	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	Ø 0,5
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	Semi-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