



512N

Product no.: 512N

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 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
		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		
Series 500 Medium				
	512N		Semi Flush	[Bar chart showing capacity up to approx 1.5mm]
	512E		Semi Flush	[Bar chart showing capacity up to approx 1.5mm]
	599T		Semi Flush / Carbide	[Bar chart showing capacity up to approx 1.5mm]
	522N		Flush	[Bar chart showing capacity up to approx 1.5mm]
	599E		Flush	[Bar chart showing capacity up to approx 1.5mm]
	532N		Super Full Flush	[Bar chart showing capacity up to approx 1.5mm]
	576TX1		Flush / Carbide	[Bar chart showing capacity up to approx 1.5mm]
	503E		Flush	[Bar chart showing capacity up to approx 1.5mm]
	503ETST 30°		Flush / Carbide	[Bar chart showing capacity up to approx 1.5mm]
	504AE		Flush	[Bar chart showing capacity up to approx 1.5mm]
	555E 35°		Flush	[Bar chart showing capacity up to approx 1.5mm]
	572E 40°		Flush	[Bar chart showing capacity up to approx 1.5mm]
	582E 45°		Flush	[Bar chart showing capacity up to approx 1.5mm]
	593AE 30°		Flush	[Bar chart showing capacity up to approx 1.5mm]
	575E 45°		Flush	[Bar chart showing capacity up to approx 1.5mm]
	592E		Flush	[Bar chart showing capacity up to approx 1.5mm]
	792E		Super Full Flush	[Bar chart showing capacity up to approx 1.5mm]
	576TX		Flush / Carbide	[Bar chart showing capacity up to approx 1.5mm]
	570E		Flush	[Bar chart showing capacity up to approx 1.5mm]
	573E		Flush	[Bar chart showing capacity up to approx 1.5mm]
				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	Ø 0,5
Weight in oz	2.318
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	Semi-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	65.7
Erem applications	Microelectronic