



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
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
		Inch .0001 .0003 .0007 .0011 .0015 .0019 .0023 .0027 .0031 .0035 .0039 .0043 .0047 .0051 .0055 .0059 .0062 .0066 .0070 .0074 .0078
	512N Semi Flush	[Bar chart showing cutting capacity for 512N]
	512E Semi Flush	[Bar chart showing cutting capacity for 512E]
	599T Semi Flush / Carbide	[Bar chart showing cutting capacity for 599T]
	522N Flush	[Bar chart showing cutting capacity for 522N]
	599E Flush	[Bar chart showing cutting capacity for 599E]
	532N Super Full Flush	[Bar chart showing cutting capacity for 532N]
	576TX1 Flush / Carbide	[Bar chart showing cutting capacity for 576TX1]
	503E Flush	[Bar chart showing cutting capacity for 503E]
	503ETST 30° Flush / Carbide	[Bar chart showing cutting capacity for 503ETST]
	504AE Flush	[Bar chart showing cutting capacity for 504AE]
	555E 35° Flush	[Bar chart showing cutting capacity for 555E]
	572E 40° Flush	[Bar chart showing cutting capacity for 572E]
	582E 45° Flush	[Bar chart showing cutting capacity for 582E]
	593AE 30° Flush	[Bar chart showing cutting capacity for 593AE]
	575E 45° Flush	[Bar chart showing cutting capacity for 575E]
	592E Flush	[Bar chart showing cutting capacity for 592E]
	792E Super Full Flush	[Bar chart showing cutting capacity for 792E]
	576TX Flush / Carbide	[Bar chart showing cutting capacity for 576TX]
	570E Flush	[Bar chart showing cutting capacity for 570E]
	573E Flush	[Bar chart showing cutting capacity for 573E]
		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