



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 for 512N]
	512E		Semi Flush	[Bar chart showing capacity for 512E]
	599T		Semi Flush / Carbide	[Bar chart showing capacity for 599T]
	522N		Flush	[Bar chart showing capacity for 522N]
	599E		Flush	[Bar chart showing capacity for 599E]
	532N		Super Full Flush	[Bar chart showing capacity for 532N]
	576TX1		Flush / Carbide	[Bar chart showing capacity for 576TX1]
	503E		Flush	[Bar chart showing capacity for 503E]
	503ETST 30°		Flush / Carbide	[Bar chart showing capacity for 503ETST 30°]
	504AE		Flush	[Bar chart showing capacity for 504AE]
	555E 35°		Flush	[Bar chart showing capacity for 555E 35°]
	572E 40°		Flush	[Bar chart showing capacity for 572E 40°]
	582E 45°		Flush	[Bar chart showing capacity for 582E 45°]
	593AE 30°		Flush	[Bar chart showing capacity for 593AE 30°]
	575E 45°		Flush	[Bar chart showing capacity for 575E 45°]
	592E		Flush	[Bar chart showing capacity for 592E]
	792E		Super Full Flush	[Bar chart showing capacity for 792E]
	576TX		Flush / Carbide	[Bar chart showing capacity for 576TX]
	570E		Flush	[Bar chart showing capacity for 570E]
	573E		Flush	[Bar chart showing 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