



# 512E

Product no.: 512E

Side cutter - oval head, with burnished head



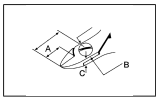
This is the most widely used head shape, with burnished head



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

Weller Erem™ Cutters are designed to be strong, durable and sharp, having the highest precision available. Manufactured with uncompromising Swiss quality and created for worldwide applications, including electronics assembly and healthcare, Weller Erem Cutters are built to last. Feel the difference with Weller Erem™ – the proven choice. Every time.

Type	Type of Cut	Cutting Capacity	
<b>Series 500 Medium</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 .001 .003 .007 .011 .015 .019 .023 .027 .031 .035 .039 .043 .047 .051 .055 .059 .062 .066 .070 .074 .078	
	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 30°]
	504AE	Flush	[Bar chart showing cutting capacity for 504AE]
	555E 35°	Flush	[Bar chart showing cutting capacity for 555E 35°]
	572E 40°	Flush	[Bar chart showing cutting capacity for 572E 40°]
	582E 45°	Flush	[Bar chart showing cutting capacity for 582E 45°]
	593AE 30°	Flush	[Bar chart showing cutting capacity for 593AE 30°]
	575E 45°	Flush	[Bar chart showing cutting capacity for 575E 45°]
	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	---
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	65.4
Erem applications	Microelectronic