



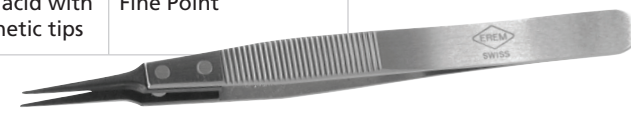
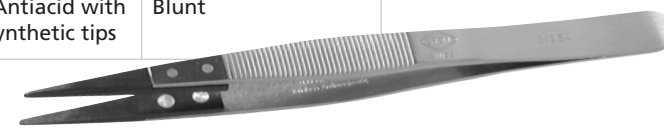
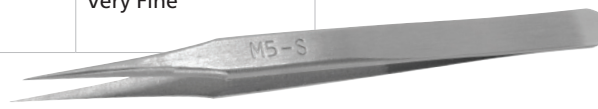



Tweezers
Medical Device Manufacturing Applications

Order No.	OAL	Shape	Tip	Material	Point Size	
2ASARU	4.75"	Straight/ Round	Flat Round	Stainless with Teflon Coated Tips	N/A	
For handling sticky adhesive labels and ribbons.						
Order No.	OAL	Shape	Tip	Material	Point Size	
15AGS (15AGW same tool but head = .374")	4.25"	Narrow Oblique Head	Maximum .010"soft wire	Carbon	.216"narrowed to a point	
Designed for cutting fine soft wires and small components.						
Order No.	OAL	Shape	Tip	Material	Point Size	
7SA	4.75"	Curved Relieved	Precision Pointed	Stainless Antiacid	Very Fine	
Applications: Micro-electronics						
Order No.	OAL	Shape	Tip	Material	Point Size	
5SA	4.5"	Straight Relieved	Super Fine	Stainless Antiacid	Very Fine	
Applications: Micro-electronics						
Order No.	OAL	Shape	Tip	Material	Point Size	
258SA	4.75"	Straight Relieved	Very Fine	Stainless Antiacid with pointed synthetic tips	Fine Point	
For secure handling of components up to 480°F and resistant to acid and molten solder – water resistant.						
Order No.	OAL	Shape	Tip	Material	Point Size	
249SA	5.00"	Straight	Pointed	Stainless Antiacid with pointed synthetic tips	Blunt	
For secure handling of components up to 480°F and resistant to acid and molten solder – water resistant.						
Order No.	OAL	Shape	Tip	Material	Point Size	
M5S	3.25"	Straight	Pointed	Stainless Steel	Very Fine	
For precision electronic application work under a microscope.						
Order No.	OAL	Shape	Tip	Material	Point Size	
3CSA	4.25"	Straight	Pointed	Anti-Magnetic	Very Fine	
General purpose use in microelectronics, medical device or laboratories						

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Erem® Tungsten Carbide Tips vs.

Stainless Steel Hard Wire, Stainless Steel Coiled Wire, Vectran™ Braided Wire, 303-316 Hard Wire, MP35N Hard Wire, Nickel Titanium, Coiled Wires, Fiber Optics, Guide Wires, Catheters, Kevlar®, Stents.



With Erem Tungsten Carbide tips,
it's really not a fair fight.

Erem tungsten carbide-edged tool steel blades cut the hardest and most difficult materials cleanly and precisely. They have the hardness, abrasion resistance, and close-tolerance construction needed to stay sharp and produce a superior part finish time after time. Long life, outstanding performance. That's the strength of Erem.


Side and Tip Cutters
Medical Device Manufacturing Applications


Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
622TX	Micro L: 4.527"	Oval	Flush	0.007"	
Applications: Guide wires, Stents, Catheters, Single/Multiple Fillers, Lateral/Internal Cuts					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
503ETST	L: 4.331"	Oblique / Angled	Flush	0.015"	
Applications: Guide wires, Stents, Catheters, Single/Multiple Fillers, Lateral/Internal Cuts					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
576TX (576TX1 same tool with blunted tips)	L: 4.527"	Tapered Relieved	Flush	0.004"	
Applications: Guide Wires, Stents, Catheters, Single/Multiple Fillers, Lateral/Internal Cuts					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
599TF	L: 4.527"	Oval	Flush	0.023" – 0.031"	
Applications: Stainless Steel Coil Wires, Kevlar® Silts Vectran™ Braided Wires, Fiber Optics					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
599TFO	L: 4.527"	Oval	Semi Flush	0.023" – 0.031"	
Applications: Stainless Steel Coil Wires, Kevlar® Silts Vectran™ Braided Wires, Fiber Optics					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
595T	L: 4.527"	Tapered	Semi Flush	0.015"	
Applications: Hard Wire – Stainless Steel 303-316, MP35N, Stents					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
2476TX1	L: 4.527"	Tapered	Flush	0.011"	
Applications: Stainless Steel or Nickel Titanium Wires, Catheters, Coiled Wires					
Tungsten Carbide Tips: Yes					
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut	
2476TX2	Medium L: 5.118"	Oval	Flush / Side	0.011" – 0.015"	
Applications: Stainless Steel or Nickel Titanium Wires, Catheters, Coiled Wires					
Tungsten Carbide Tips: Yes					

Side and Tip Cutters
Medical Device Manufacturing Applications

Order No.	OAL	Shape	Cut	DO NOT CUT WIRE
632NCF	4.331"	Micro Oval	Super Full Flush	Soft Material Only
Applications: Soft materials only. Perfect for trimming silicone material, miniature rubber seals or soft synthetic parts.				
Tungsten Carbide Tips: No				
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut
147A	Medium L: 4.724"	Tapered	Semi Flush	0.020"
Applications: Stainless Molybdenum Tantalum				
Tungsten Carbide Tips: No				
Order No.	OAL	Shape	Cut	Maximum Hard Wire Cut
147AT	Medium L: 4.724"	Tapered	Semi Flush	0.020"
Applications: Guide wires, Stents, Catheters, Single/Multiple Filers, Lateral Cuts				
Tungsten Carbide Tips: Yes, Compound Action Head Force Multiplier 3.5 to 1				
Order No.	OAL	Shape	Cut	Maximum Soft Wire Cut
792E	4.527"	Micro Tapered Relieved	Super Full Flush	0.023"
Applications: Micro electronics				
Tungsten Carbide Tips: No				
Order No.	OAL	Shape	Cut	Maximum Soft Wire Cut
2422EA	5.118"	Tapered	Flush	0.062"
Applications: Micro electronics				
Tungsten Carbide Tips: No				

Pliers
Medical Applications

Order No.	OAL	Shape	Wire Stripping Capacity	
552S	4.75"	Wire Stripper	.002" to 023" AWG 42 - 24	
Applications: Suitable for all types of insulation, Teflon®, Tefzel® and optical fibers.				

Order No.	OAL	Jaws	Description	
531	4.921"	Tapered Flat Nose	Non-marring plier / Nylon Jaws	
Applications: Perfect for forming and handling components while preventing scratching and nicking.				