

WIRE CUTTERS

Technical Specifications

Head Shape

- The **round head** cutter is the most common head for cutting tools. It allows for the maximum amount of 'metal' behind the cutting edge delivering an extremely long tool life.
- The **tapered head** was developed to allow the cutting tool to get into those "hard to reach" areas. It was designed more along diagonal lines with less "metal" behind the cutting edge.
- The **tapered/relieved head** allows for the most access to "hard to reach" areas. In addition to having a diagonal profile, the face has been relieved allowing even greater access.



Round

Tapered

Tapered / Relieved

Semi-Flush

The "Type of Cut"

技术咨询与报价

电话: 18823303057 QQ:2104028976

Maximum-Flush

Optimum-Flush

- **Semi-Flush** cutters have a cutting edge with a .010" bevel, which produces more cuts than a maximum flush cutter but leaves a 'pinch' on the wire.
- **Maximum-Flush** cutters have a cutting edge with a .005" bevel, which produces a smaller 'pinch' on the lead/wire than a semi-flush cutter. The smaller bevel means fewer cuts than a semi-flush cutter.
- **Optimum-Flush** cutters have no bevel producing a pure, clean cut with no 'pinch' on the lead/wire. The cutting edges are extremely sharp. Cutting life is once again reduced over either of the above.
- **Shear cutters** have blades that bypass each other in a shearing motion.

The Grip

You can choose from our molded grips, simple foam cushioned grips, or double-dip cushioned grips. All are ergonomically designed and offer ESD protection.



Molded Grips - 10^8 Ohms/sq **Foam Cushion Grips** 10^{10} Ohms/sq **Double-Dip Grips** 10^{10} Ohms/sq

CUTTER CORRELATION CHART

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Part #	Cut	Wire	.001"	.002"	.003"	.005"	.008"	.010" - 30 AWG	.012" - 28 AWG	.015"	.016" - 26 AWG	.018"	.020" - 24 AWG	.025" - 22 AWG	.028"	.030"	.032" - 20 AWG	.036"	.040" - 18 AWG	.042"	.045"	.050" - 16 AWG	.060"	.064" - 14 AWG	.080"		
9140E/9240E	SF	Soft																									
9141E/9241E	MF	Soft																									
9142E/9242E	OF	Soft																									
9143E/9243E	SF	Soft																									
9144E/9244E	MF	Soft																									
9145E/9245E	OF	Soft																									
9146E/9246E	SF	Soft																									
9147E/9247E	MF	Soft																									
9148E/9248E	OF	Soft																									
7140E/7240E	SF	Soft																									
7141E/7241E	MF	Soft																									
7142E/7242E	OF	Soft																									
7143E/7243E	SF	Soft																									
7144E/7244E	MF	Soft																									
7145E/7245E	OF	Soft																									
7146E/7246E	SF	Soft																									
7147E/7247E	MF	Soft																									
7148E/7248E	OF	Soft																									
7210E	MF	Soft																									
9250E	SF	Soft																									
9251E	MF	Soft																									
9260E	SF	Soft																									
9261E	MF	Soft																									
7171E/7271E	OF	Soft																									
7170EA/7270EA	OF	Soft																									
7170E/7270E	OF	Soft																									
7149E/7249E	OF	Soft																									
7175E/7275E	MF	Soft																									
7182E/7282E	MF	Soft																									
7172E/7272E	MF	Soft																									
7104E/7204E	MF	Soft																									
7174E/7274E	OF	Soft																									
7173E/7273E	OF	Soft																									
7241EHT	MF	Hard																									
7247EHT	MF	Hard																									
2899EHT	SF	Hard																									
2897EHT	SF	Hard																									
2896EHT	SF	Hard																									
2876EHT	SF	Hard																									

Hard Wire - Annealed Stainless Steel, Nifinol, Titanium, Polypropylenes. Tensile Strength 116,000/19,000 PSI
 Soft Wire - Copper Wire, Rubber, Polyurethanes and PTFE. Tensile Strength up to 30,000 PSI

Wire Cutter Add-ons

We offer a wide variety of customizations that can be added on to most items found in this cutter section. The add-on code simply needs to be added to the part number (example 7241E-W). If you have questions or would like more information about add-ons do not hesitate to call.

- CR Cleanroom Safe - No Grips - Polished
- GF Foam Cushion Grip, ESD Safe
- GM Molded Static Dissipative Grips
- L Long Handle Ergonomic Design
- P Long Pistol Grip Handle Ergonomic Design
- S Long Handle Curved Ergonomic Design
- W Wire Catch for 7000 & 9000 Series 5 Star Cutters
- AV Anvil Cut
- PCB Parallel Cutting Blades