

技术咨询与报价

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# Swanstrom Tools

PROUDLY MADE  
IN THE USA



## THE LEADER IN INNOVATION IN THE PRECISION HAND TOOL INDUSTRY



## **SWANSTROM TOOLS: M-SERIES**

Providing the quality, durability, and precision that Swanstrom Tools has delivered for decades, the M-Series line of tools sets a new standard for hard wire cutters. Originally engineered to satisfy the exacting demands of medical device manufacturing professionals for hard wire applications such as guide wires and stents, the M-Series tools have also proven to be ideal for hard wire applications in the electronics, defense, and contract manufacturing industries.

Swanstrom has an extensive offering of both carbide and non-carbide M-Series cutters, with a variety of head, tip, and edge styles. This brochure provides a glimpse of some of the most popular models with many more options available. Contact Swanstrom Tools to discuss your specific cutting needs.



**SALES@SWANSTROMTOOLS.COM**

**800-287-8872**

**WWW.SWANSTROMTOOLS.COM**



### Handles

Soft Touch™ static dissipative foam handles provide a better ergonomic grip and distribute pressure smoothly to the hand, dissipating static electricity slowly and safely to protect components.

### Spring

Soft Touch™ double action stainless leaf springs minimize required hand force.

### Hardened Edges

Cutting edges are induction hardened to maximize durability and tool life

### Closing stop

Optional closing stop to optimize cutter life

### Scrivet Joint

Adjustable Scrivet screw joint system ensures smooth joint operation to minimize deflection

### Durable Body

Hot forged from high chromium, high carbon alloy steel providing maximum strength and durability

**IDEAL FOR CUTTING GUIDE WIRES, STENTS, CATHETERS, STYLISTS, MANDRELS,  
BRAIDED MESH, SINGLE/MULTIPLE FLIERS, AND LATERAL/INTERNAL CUTS COMPRISED  
OF NITINOL, STAINLESS STEEL AND CUSTOM ALLOYS.**

# HEAD, TIP, AND EDGE OPTIONS

## EDGE TYPE



**Bevel .007"**  
cuts where pinch or spike is not critical, longest life, most pressure to cut



**Flush .004"**  
reduces pinch, spike and squeeze pressure



**Semi-Flush .003"**  
further reduces pinch, spike, and squeeze



**Full Flush .002"**  
further reduces pinch, spike, and squeeze

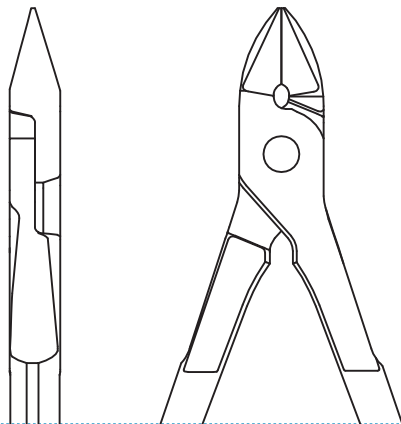


**Super Flush .000"**  
produces least spike, most ergonomic and easiest to squeeze

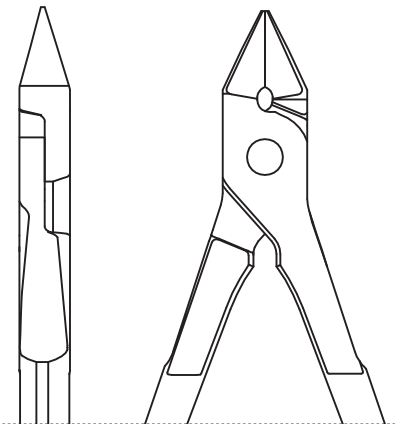
## TIP SHAPE



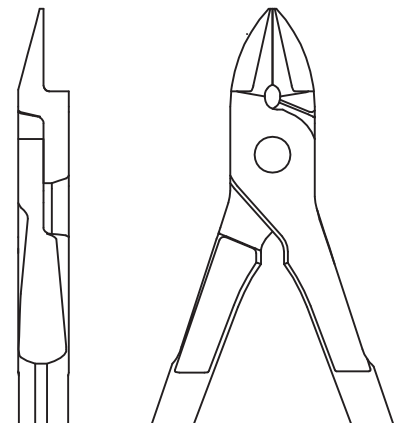
**Oval**  
the most durable



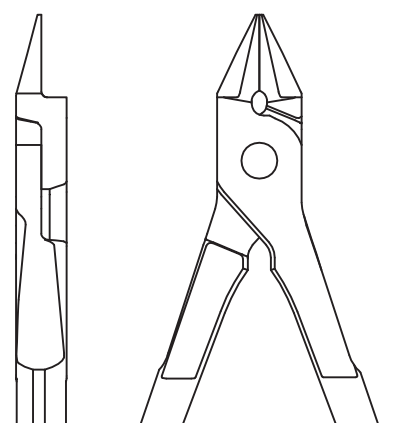
**Taper**  
for getting into very small spaces



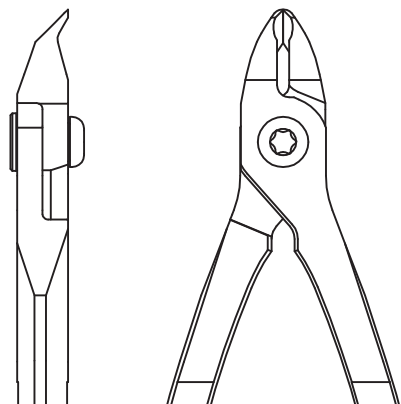
**Oval Slim**  
for getting into smaller spaces



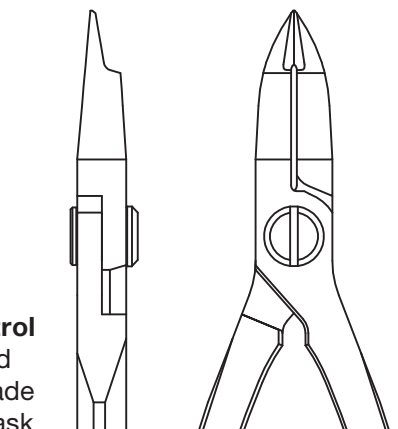
**Taper Slim**  
most versatile with precision tips



**Angle End and Tip Cutters**  
the most task-specific



**Leverage and Tip Control**  
operator effort minimized by using the shortest blade length possible for the task



## OPTIONAL FEATURES

### HANDLE STYLE

All tools are available with traditional or ergonomic handles. The ergonomic handle disperses pressure across the palm of the hand, minimizing strain and allowing operators to work comfortably and most productively. The shorter, traditional handle is for working in restricted areas and/or customer preference.



Ergonomic Handle



Traditional Handle

### SPRING OPTIONS

All M-Series tools have the option of a leaf spring or a coil spring. The Adjustable Soft Touch™ double action stainless leaf springs minimize required hand force. The coil spring maximizes responsiveness. It really comes down to user preference.



Leaf Spring



Coil Spring

### CLOSING STOP

All M-Series models are available with an optional closing stop to optimize cutter life



**CARBIDE TAPERED HEAD DIAGONAL CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M401C	Small Carbide Tapered Full Flush Cutter	4.70"	0.50"	0.45"	0.05"	Traditional
M401EC	Small Carbide Tapered Full Flush Cutter, Ergo	5.60"	0.50"	0.45"	0.05"	Ergo
M403C	Small Carbide Dual Tapered Fine Tip Full Flush Cutter	4.70"	0.30"	0.45"	0.04"	Traditional
M403EC	Small Carbide Dual Tapered Fine Tip Full Flush Cutter, Ergo	5.60"	0.30"	0.45"	0.04"	Ergo
M405C	Small Carbide Tapered Ultra Sharp Tip Full Flush Cutter	4.70"	0.40"	0.45"	0.03"	Traditional
M405EC	Small Carbide Tapered Ultra Sharp Tip Full Flush Cutter, Ergo	5.60"	0.40"	0.45"	0.03"	Ergo
M4051C	Small Carbide Tapered Ultra Sharp Micro Tip Full Flush Cutter	4.70"	0.30"	0.45"	0.02"	Traditional
M406C	Small Carbide Slim Dual Tapered-Relieved Fine Tip Full Flush Cutter	4.70"	0.30"	0.45"	0.03"	Traditional
M406EC	Small Carbide Slim Dual Tapered-Relieved Fine Tip Full Flush Cutter, Ergo	5.60"	0.30"	0.45"	0.03"	Ergo
M407C	Small Carbide Dual Tapered Ultra Sharp Tip Full Flush Cutter	4.70"	0.45"	0.45"	0.03"	Traditional
M407EC	Small Carbide Dual Tapered Ultra Sharp Tip Full Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.03"	Ergo
M4011C	Small Carbide Tapered Semi Flush Cutter	4.70"	0.30"	0.45"	0.05"	Traditional
M4011EC	Small Carbide Tapered Semi Flush Cutter, Ergo	5.60"	0.30"	0.45"	0.05"	Ergo

**CARBIDE OVAL HEAD DIAGONAL CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M409C	Small Carbide Oval Bullnose Semi Flush Cutter	4.70"	0.25"	0.45"	0.08"	Traditional
M409EC	Small Carbide Oval Bullnose Semi Flush Cutter, Ergo	5.60"	0.25"	0.45"	0.08"	Ergo
M410C	Small Carbide Oval Semi Flush Cutter	4.80"	0.45"	0.45"	0.04"	Traditional
M410EC	Small Carbide Oval Semi Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.04"	Ergo
M411C	Small Carbide Oval Full Flush Cutter	4.80"	0.45"	0.45"	0.04"	Traditional
M411EC	Small Carbide Oval Full Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.04"	Ergo
M609C	Large Carbide Oval Bullnose Semi Flush Cutter	5.20"	0.45"	0.60"	0.09"	Traditional
M609EC	Large Carbide Oval Bullnose Semi Flush Cutter, Ergo	5.90"	0.45"	0.60"	0.09"	Ergo
M610C	Large Carbide Oval Semi Flush Cutter	5.45"	0.80"	0.60"	0.09"	Traditional
M610EC	Large Carbide Oval Semi Flush Cutter, Ergo	6.25"	0.70"	0.60"	0.09"	Ergo
M611C	Large Carbide Oval Full Flush Cutter	5.40"	0.80"	0.60"	0.09"	Traditional
M611EC	Large Carbide Oval Full Flush Cutter, Ergo	6.40"	0.80"	0.60"	0.09"	Ergo

**CARBIDE M-SERIES ANGLED END CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M482C	Small Carbide 60 Degree Angled Tip Flush Cutter	4.80"	0.50"	0.40"	0.03"	Traditional
M491C	Carbide 60 Degree Angled Tip Flush Cutter	4.90"	0.45"	0.45"	0.06"	Traditional





**M401C**

**Small Carbide Tapered Full Flush Cutter**  
Provides a true flush cut on more robust applications and challenging materials.



**M403C**

**Small Carbide Dual Tapered Fine Tip Full Flush Cutter**  
Absolute precision. The tool of choice for precise flush cuts on internal coil trims.



**M405C**

**Small Carbide Tapered Ultra Sharp Tip Full Flush Cutter**  
Ultra sharp tip is designed for precise internal trimming of the smallest coils.



**M406C**

**Small Carbide Slim Dual Tapered-Relieved Fine Tip Full Flush Cutter**  
Slim double tapered relieved head allows for precision trimming in confined spaces.



**M407C**

**Small Carbide Dual Tapered Ultra Sharp Tip Full Flush Cutter**  
Longer blade length than the M406C, allowing for further reach in areas with limited access.



**M4011C**

**Small Carbide Tapered Semi Flush Cutter**  
A more robust cutting edge for heavier duty applications.

TAPERED HEAD DIAGONAL CUTTERS

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M143	Small Tapered Semi Flush Cutter	4.70"	0.40"	0.40"	0.03"	Traditional
M143E	Small Tapered Semi Flush Cutter, Ergo	5.60"	0.40"	0.40"	0.03"	Ergo
M144	Small Tapered Flush Cutter	4.70"	0.40"	0.40"	0.03"	Traditional
M144E	Small Tapered Flush Cutter, Ergo	5.50"	0.30"	0.45"	0.03"	Ergo
M148LI	Small Tapered-Relieved Super Flush Cutter	4.70"	0.40"	0.40"	0.03"	Traditional
M148ELI	Small Tapered-Relieved Super Flush Cutter, Ergo	5.60"	0.30"	0.40"	0.03"	Ergo
M154	Midsized Tapered Flush Cutter	4.80"	0.50"	0.50"	0.03"	Traditional
M154E	Midsized Tapered Flush Cutter, Ergo	5.70"	0.50"	0.50"	0.03"	Ergo
M415	Small Tapered Full Flush Cutter	4.80"	0.40"	0.45"	0.03"	Traditional
M415E	Small Tapered Full Flush Cutter, Ergo	5.60"	0.45"	0.40"	0.03"	Ergo
M418	Small Tapered Flush Cutter	4.70"	0.30"	0.45"	0.03"	Traditional
M418E	Small Tapered Flush Cutter, Ergo	5.60"	0.30"	0.45"	0.03"	Ergo

OVAL HEAD DIAGONAL CUTTERS

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M140	Small Oval Semi Flush Cutter	4.75"	0.35"	0.40"	0.04"	Traditional
M140E	Small Oval Semi Flush Cutter, Ergo	5.60"	0.35"	0.40"	0.04"	Ergo
M141	Small Oval Full Flush Cutter	4.70"	0.45"	0.40"	0.03"	Traditional
M141E	Small Oval Full Flush Cutter, Ergo	5.50"	0.45"	0.40"	0.03"	Ergo
M150	Midsized Oval Semi Flush Cutter	4.85"	0.50"	0.50"	0.04"	Traditional
M150E	Midsized Oval Semi Flush Cutter, Ergo	5.70"	0.50"	0.50"	0.04"	Ergo
M160	Large Oval Semi Flush Cutter	5.30"	0.68"	0.60"	0.06"	Traditional
M160E	Large Oval Semi Flush Cutter, Ergo	6.20"	0.68"	0.60"	0.06"	Ergo
M410	Small Oval Semi Flush Cutter	4.80"	0.45"	0.45"	0.04"	Traditional
M410E	Small Oval Semi Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.04"	Ergo
M411	Small Oval Full Flush Cutter	4.80"	0.45"	0.45"	0.04"	Traditional
M411E	Small Oval Full Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.04"	Ergo
M510	Midsized Oval Semi Flush Cutter	5.00"	0.55"	0.50"	0.04"	Traditional
M510E	Midsized Oval Semi Flush Cutter, Ergo	5.75"	0.55"	0.50"	0.04"	Ergo
M511	Midsized Oval Full Flush Cutter	5.00"	0.55"	0.50"	0.04"	Traditional
M511E	Midsized Oval Full Flush Cutter, Ergo	5.60"	0.55"	0.50"	0.04"	Ergo
M610	Large Oval Semi Flush Cutter	5.40"	0.80"	0.60"	0.09"	Traditional
M610E	Large Oval Semi Flush Cutter, Ergo	5.90"	0.80"	0.60"	0.09"	Ergo
M611	Large Oval Full Flush Cutter	5.50"	0.80"	0.60"	0.09"	Traditional
M611E	Large Oval Full Flush Cutter, Ergo	6.40"	0.80"	0.60"	0.09"	Ergo
M709	Large Oval Bullnose Semi Flush Cutter	6.25"	0.50"	0.70"	0.09"	Traditional
M709E	Large Oval Bullnose Semi Flush Cutter, Ergo	7.50"	0.50"	0.70"	0.09"	Ergo
M76917	Large Oval Full Flush Cutter	5.35"	0.65"	0.60"	0.09"	Traditional
M76917E	Large Oval Full Flush Cutter, Ergo	6.40"	0.65"	0.60"	0.09"	Ergo





**M76917**

**Large Oval Full Flush Cutter**

Designed for flush lateral cutting of heavy duty materials such as stainless steel and Nitinol up to .035".



**M610**

**Large Oval Semi Flush Cutter**

An ideal cutter for the widest varieties of cutting applications.



**M143**

**Small Tapered Semi Flush Cutter**

Our smallest tapered relieved cutter for those who prefer a smaller framed tool for highly detailed work.



**M410**

**Small Oval Semi Flush Cutter**

For general purpose applications where a true flush cut is not necessary.



**M415**

**Small Tapered Full Flush Cutter**

Tapered head allows access to more confined spaces, while providing flush cuts.



**M411**

**Small Oval Full Flush Cutter**

For general purpose applications where a more flush cut is necessary.

**NON-CARBIDE CUTTERS**

**SHORT NOSE/HIGH LEVERAGE DIAGONAL CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M409	Small Oval Bullnose Semi Flush Cutter	4.60"	0.30"	0.45"	0.05"	Traditional
M409E	Small Oval Bullnose Semi Flush Cutter, Ergo	5.45"	0.30"	0.45"	0.05"	Ergo
M509	Midsize Oval Bullnose Semi Flush Cutter	4.75"	0.35"	0.50"	0.08"	Traditional
M509E	Midsize Oval Bullnose Semi Flush Cutter, Ergo	5.65"	0.35"	0.50"	0.08"	Ergo
M533	Midsize Short Nose Tapered Semi Flush Cutter	4.70"	0.35"	0.50"	0.07"	Traditional
M533E	Midsize Short Nose Tapered Semi Flush Cutter, Ergo	5.60"	0.35"	0.50"	0.07"	Ergo
M609	Large Oval Bullnose Semi Flush Cutter	5.20"	0.45"	0.60"	0.09"	Traditional
M609E	Large Oval Bullnose Semi Flush Cutter, Ergo	5.90"	0.45"	0.60"	0.09"	Ergo
M609EH	Large High Leverage Bullnose Semi Flush Torsion Spring Cutter	6.60"	0.55"	0.70"	0.09"	Ergo
M610EH	Large High Leverage Oval Semi Flush Torsion Spring Cutter	6.65"	0.66"	0.70"	0.09"	Ergo

**MINIATURE DIAGONAL CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M112	Miniature Oval Super Flush Cutter	4.80"	0.45"	0.40"	0.03"	Traditional
M112E	Miniature Oval Super Flush Cutter, Ergo	5.70"	0.45"	0.40"	0.03"	Ergo
M138-2	Miniature Tapered-Relieved Super Flush Cutter	4.20"	0.30"	0.40"	0.03"	Traditional
M138E-2	Miniature Tapered-Relieved Super Flush Cutter, Ergo	5.30"	0.30"	0.40"	0.03"	Ergo
M130	Miniature Oval Semi Flush Cutter	4.00"	0.25"	0.35"	0.03"	Traditional
M130E	Miniature Oval Semi Flush Cutter, Ergo	5.30"	0.30"	0.40"	0.03"	Ergo
M131	Miniature Oval Full Flush Cutter	4.00"	0.25"	0.35"	0.03"	Traditional
M131E	Miniature Oval Flush Cutter, Ergo	5.40"	0.36"	0.35"	0.03"	Ergo

**ANGLED END CUTTERS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
M225	Small 45 Degree Angled Tip Flush Cutter	4.90"	0.30"	0.45"	0.06"	Traditional
M225E	Small 45 Degree Angled Tip Flush Cutter, Ergo	5.80"	0.30"	0.45"	0.06"	Ergo
M482	Small 60 Degree Angled Tip Flush Cutter	4.75"	0.25"	0.45"	0.04"	Traditional
M482E	Small 60 Degree Angled Tip Flush Cutter, Ergo	5.60"	0.25"	0.45"	0.04"	Ergo
M491	60 Degree Angled Tip Flush Cutter	4.90"	0.45"	0.45"	0.06"	Traditional
M491E	60 Degree Angled Tip Flush Cutter, Ergo	5.80"	0.45"	0.45"	0.06"	Ergo

**M-SERIES SHEARS**

Model	Description	OAL	Blade Length	Body Width	Tip	Handle Type
MC6E	Large Cable Shears	6.00"	0.40"	0.60"	0.09"	Ergo
MC8E	Large Cable Shears	7.25"	0.40"	0.70"	0.09"	Ergo



**M138-2**

**Miniature Tapered-Relieved Super Flush Cutter**

Miniature head and handle design are optimal for work under magnification.



**M509**

**Midsize Oval Bullnose Semi Flush Cutter**

Designed with strength and rigidity for intermediary hard wire cutting. Standard size handle is more accommodating to smaller hands.



**M609**

**Large Oval Bullnose Semi Flush Cutter**

Our most versatile cutter in the M-Series line. Engineered for larger gauge hard wire cutting, including stainless steel and Nitinol alloys.



**M609EH**

**Large High Leverage Bullnose Semi Flush Torsion Spring Cutter**

Ergonomic handle, torsion spring, and I-frame design put the high leverage tools in a class all of their own.



**M225E**

**Small 45 Degree Angled Tip Flush Cutter, Ergo**

Used for precision tip cutting when an angled end is required for ease of access.



**M482**

**Small 60 Degree Angled Tip Flush Cutter**

Angle end cutter ideal for precision work underneath magnification.





[WWW.SWANSTROMTOOLS.COM](http://WWW.SWANSTROMTOOLS.COM)

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