



Swanstrom Tools



PROUDLY MADE
IN THE USA

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



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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.



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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



Semi-Flush .004"
reduces pinch, spike and squeeze pressure



Flush .003"
further reduces pinch, spike, and squeeze



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

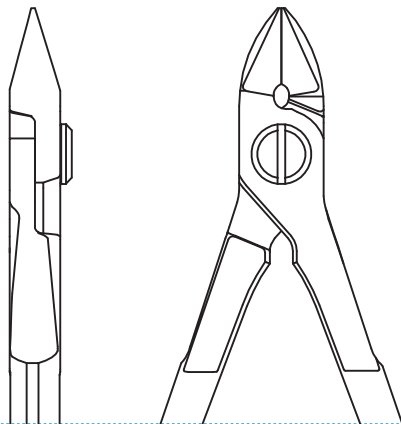


Super Flush .000"
produces least spike, most ergonomic and easiest to squeeze

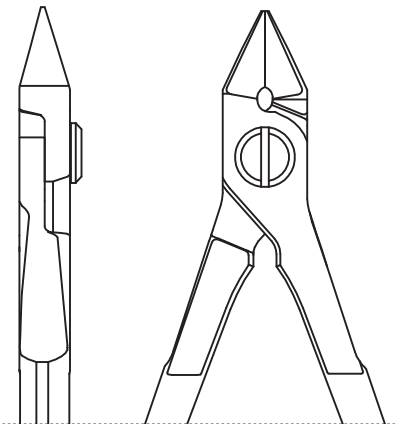
TIP SHAPE



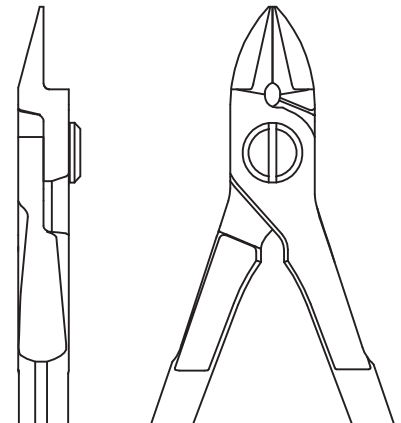
Oval
the most durable



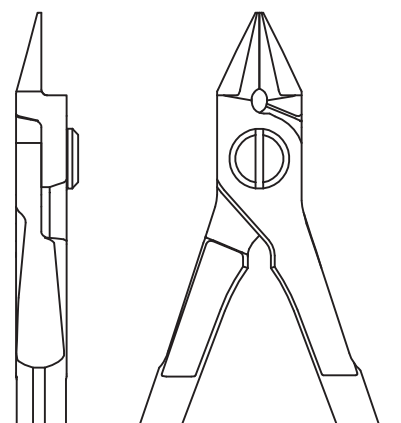
Taper
for getting into very small spaces



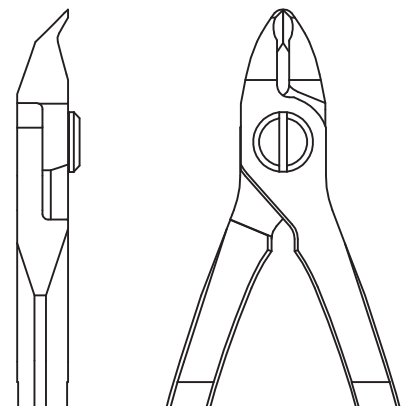
Oval Slim
for getting into smaller spaces



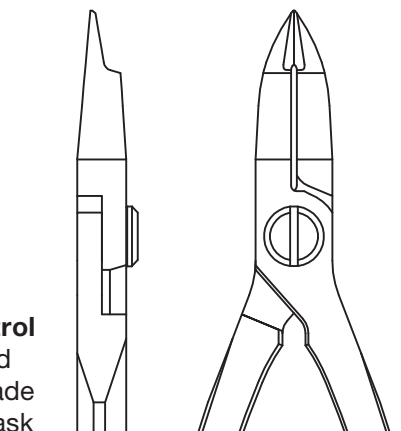
Taper Slim
most versatile with precision tips



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.



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"	0.30"	0.45"	0.05"	Traditional
M401EC	Small Carbide Tapered Full Flush Cutter, Ergo	5.60"	0.30"	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"	0.30"	0.45"	0.03"	Traditional
M405EC	Small Carbide Tapered Ultra Sharp Tip Full Flush Cutter, Ergo	5.60"	0.30"	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"	0.40"	0.45"	0.03"	Traditional
M407EC	Small Carbide Dual Tapered Ultra Sharp Tip Full Flush Cutter, Ergo	5.60"	0.40"	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
M609C	Large Carbide Oval Bullnose Semi Flush Cutter	5.20"	0.40"	0.60"	0.09"	Traditional
M609EC	Large Carbide Oval Bullnose Semi Flush Cutter, Ergo	5.90"	0.40"	0.60"	0.09"	Ergo
M610C	Large Carbide Oval Semi Flush Cutter	5.40"	0.65"	0.60"	0.09"	Traditional
M610EC	Large Carbide Oval Semi Flush Cutter, Ergo	6.40"	0.65"	0.60"	0.09"	Ergo
M611C	Large Carbide Oval Full Flush Cutter	5.40"	0.65"	0.60"	0.09"	Traditional
M611EC	Large Carbide Oval Full Flush Cutter, Ergo	6.40"	0.65"	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"	0.25"	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"	0.30"	0.45"	0.03"	Traditional
M143E	Small Tapered Semi Flush Cutter, Ergo	5.60"	0.30"	0.45"	0.03"	Ergo
M144	Small Tapered Flush Cutter	4.70"	0.40"	0.45"	0.03"	Traditional
M144E	Small Tapered Flush Cutter, Ergo	5.50"	0.40"	0.45"	0.03"	Ergo
M154	Midsize Tapered Flush Cutter	4.80"	0.50"	0.45"	0.03"	Traditional
M154E	Midsize Tapered Flush Cutter, Ergo	5.70"	0.50"	0.45"	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"	0.40"	0.45"	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	4.70"	0.35"	0.45"	0.04"	Traditional
M140E	Small Oval Semi Flush Cutter, Ergo	5.60"	0.35"	0.45"	0.04"	Ergo
M141	Small Oval Full Flush Cutter	4.70"	0.45"	0.45"	0.03"	Traditional
M141E	Small Oval Full Flush Cutter, Ergo	5.60"	0.45"	0.45"	0.03"	Ergo
M150	Midsize Oval Semi Flush Cutter	4.85"	0.50"	0.50"	0.04"	Traditional
M150E	Midsize Oval Semi Flush Cutter, Ergo	5.70"	0.50"	0.50"	0.04"	Ergo
M160	Large Oval Semi Flush Cutter	5.30"	0.60"	0.60"	0.06"	Traditional
M160E	Large Oval Semi Flush Cutter, Ergo	6.20"	0.60"	0.60"	0.06"	Ergo
M410	Small Oval Semi Flush Cutter	4.80"	0.40"	0.45"	0.04"	Traditional
M410E	Small Oval Semi Flush Cutter, Ergo	5.60"	0.40"	0.45"	0.04"	Ergo
M411	Small Oval Full Flush Cutter	4.70"	0.40"	0.45"	0.04"	Traditional
M411E	Small Oval Full Flush Cutter, Ergo	5.60"	0.40"	0.45"	0.04"	Ergo
M510	Midsize Oval Semi Flush Cutter	5.00"	0.55"	0.50"	0.04"	Traditional
M510E	Midsize Oval Semi Flush Cutter, Ergo	5.75"	0.55"	0.50"	0.04"	Ergo
M511	Midsize Oval Full Flush Cutter	5.00"	0.55"	0.50"	0.04"	Traditional
M511E	Midsize Oval Full Flush Cutter, Ergo	5.60"	0.55"	0.50"	0.04"	Ergo
M610	Large Oval Semi Flush Cutter	5.40"	0.65"	0.60"	0.09"	Traditional
M610E	Large Oval Semi Flush Cutter, Ergo	6.40"	0.65"	0.60"	0.09"	Ergo
M611	Large Oval Full Flush Cutter	5.40"	0.65"	0.60"	0.09"	Traditional
M611E	Large Oval Full Flush Cutter, Ergo	6.40"	0.65"	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"	0.60"	0.60"	0.09"	Traditional
M76917E	Large Oval Full Flush Cutter, Ergo	6.40"	0.60"	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.



M140

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.



M141

Small Oval Full Flush Cutter

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

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.



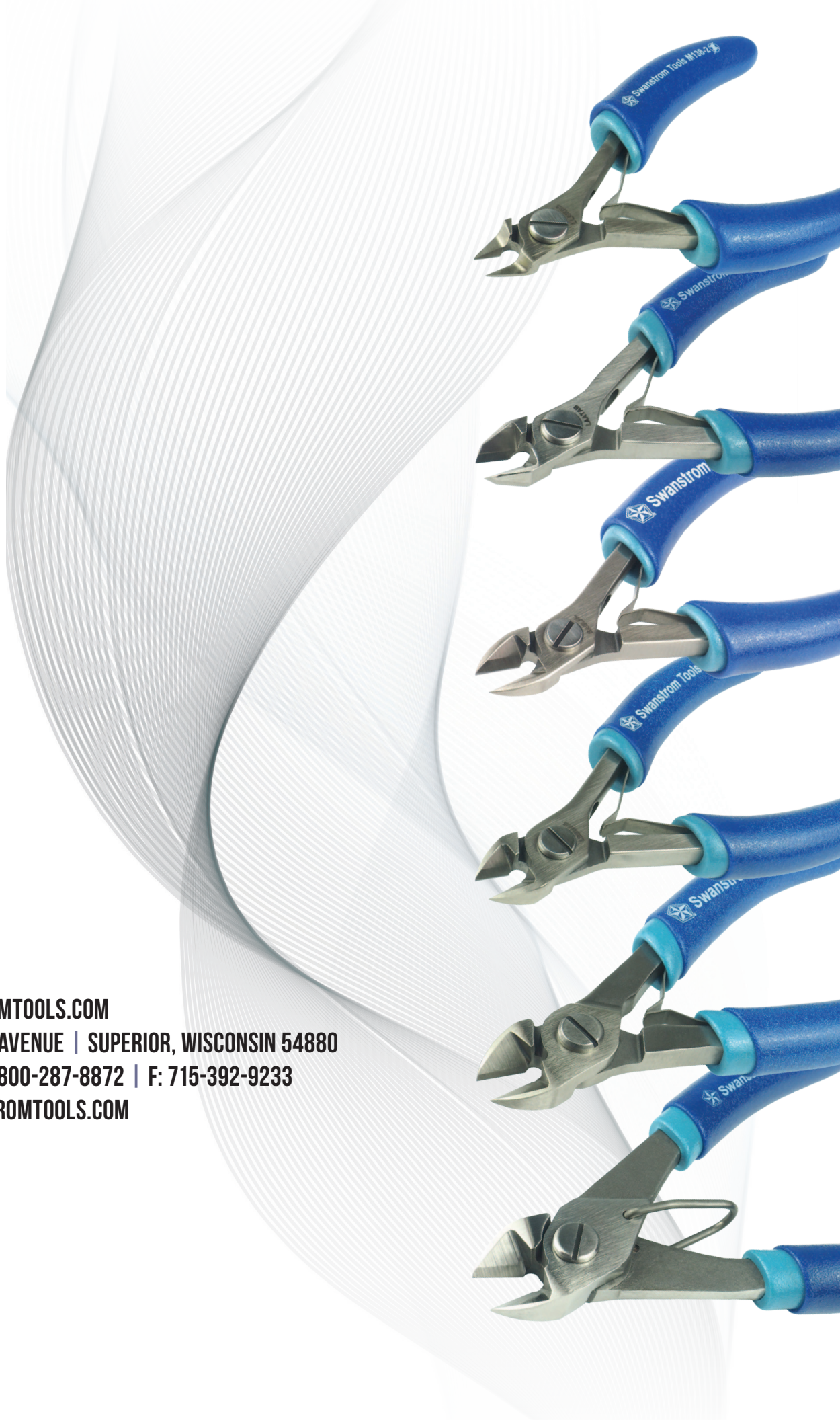
M225E

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.



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