

Tube Cutter

[Catalog: MS-01-179](#)



The Swagelok tube cutter cuts stainless steel, soft copper and aluminum tubing from 3/16 to 1 in. and 4 to 25 mm outside diameter.

Ordering Number: [MS-TC-308](#)

Replacement Wheel: [MS-TCW-308](#)

Tube Deburring Tools

[Catalog: MS-01-179](#)



After use of the tube cutter or tube sawing guide, Swagelok deburring tools deburr stainless steel, steel and hard alloy tube ends.

- For deburring diameters of 3/16 - 1 1/2 in.

Ordering Number: [MS-TDT-24](#)

- For deburring smaller tubing diameters

Ordering Number: [MS-44CT-27](#)

Hand Tube Benders

[Catalog: MS-01-179](#)



Swagelok hand tube benders provide consistent, high-quality bends in tubing made from materials that can be used with Swagelok tube fittings.

- Available in Sizes 1/8 - 1/2 in.

Ordering Number: [MS-HTB-](#)

[Instructional Video](#)

The hand tube bender cannot be used for SAF 2507 tubing over 1/4 in. or for medium-pressure tubing.

[Available for rental](#)

Gap Inspection Gauges

[Catalog: MS-01-140](#)



Swagelok gap inspection gauges provide assurance to the installer or inspector that the fitting has been sufficiently pulled up on initial installation, whether you are using a Swagelok multihead hydraulic swaging unit (MHSU), air-actuated hydraulic swaging unit (AHSU), or wrench tightening. All metal Swagelok tube fittings are gaugeable, with the exception of a few forged bodies in aluminum.

- Available in female nut sizes 1/16 - 1 in.

[Instructional Video](#)

- Available in male nut sizes 1/16 - 1/2 in.

Ordering Number [MS-IG-](#)

For a digital copy of this document, visit: michigan.swagelok.com



Depth Marking Tools

[Catalog: MS-01-140](#)

Swagelok depth marking tools help ensure that tubing is bottomed on the shoulder inside the Swagelok tube fitting body.

- Available in sizes 1/4 - 1 in.

Ordering Number: [MS-DMT-](#)



Preswaging Tools

[Catalog: MS-01-140](#)

For Swagelok tube fitting installations in close quarters, the Swagelok preswaging tool is a convenient accessory.

- Available in female nut sizes 1/16 - 1 in.
- Available in male nut sizes 1/16 - 1/2 in.

Ordering Number: [MS-ST-](#)



Ratchet Wrenches

[Catalog: MS-01-140](#)

The ratchet wrench is designed for use on Swagelok nuts for fitting installation.

- Available in sizes 1/8 - 1/2 in.

Ordering Number [MS-RW-](#)



Tee Wrenches

[Catalog: MS-01-146](#)

The tee wrench provides positive backup support when installing Swagelok union tees and crosses.

- Available in sizes 1/4 - 1/2 in.

Ordering Number [MS-TW-](#)



Tube Sawing Guide

[Catalog: MS-01-179](#)

The tube sawing guide holds tubing to enable fast, accurate cutting with a hacksaw. The guide helps reduce tubing preparation time, thereby speeding system assembly.

Ordering Number: [MS-TSG-16](#)

[User's Manual](#)



Cutting Tool for Hose and Soft Tubing

[Catalog: MS-01-180](#)

Use to cut nylon, polyethylene, or rubber hose, as well as vinyl or PFA tubing to the desired length for field assembly.

Ordering Number: [MS-HC-SC-1A](#)

Replacement Blade: MS-HC-SC-1A-BLD

Calipers



For measuring fractional and metric tubing diameters and threaded pipe connections. Made of stainless steel, approximate size 4 3/8" L X 1 1/2" W. Includes a protective case.

Ordering Number MS-07-19

Combination Seat and Pitch Gauge

[Catalog: MS-01-147](#)



Seat and pitch gauges are conveniently combined into one tool. The seat gauge is used to determine end connection seat angles of 45°, 37° and 30°.

The pitch gauge is used to identify the thread pitch. Note that a pitch gauge may be Unified (threads per inch), Whitworth (threads per inch) or Metric (millimeters per thread) as marked on the back of each gauge form.

[Instructional Video](#)

Ordering Number: [MS-TIK-PG](#)

[Thread and End Connection ID Guide](#)

Vise Grip



Our vise grip is especially designed with a knock-out feature for locking onto a hex-nut during assembly.

Ordering Number: MS-14-05

Do You Need Help With Training?

Swagelok Michigan | Toledo is uniquely qualified to provide outstanding training on proper product application and installation. We invite you to browse our training programs:

[Tube Fitting Installation](#)

[Webinars](#)

[Tech Tip Videos](#)

[Advanced Training](#)



Snoop Liquid Leak Detector

[Catalog: MS-01-91](#)

Non-toxic formula. Technical Information:

- Composition: Deionized water and a surfactant.
 - Temperature rating: Can be used over a temperature range of 27 to 200°F (–2 to 93°C).
 - Available in sizes 2 fl oz, 8 fl oz and 1 gal
- Ordering Number: [MS-SNOOP-](#)



Real Cool Snoop Liquid Leak Detector

[Catalog MS-01-91](#)

Technical Information:

- Composition: Deionized water, a surfactant and ethylene glycol to prevent freezing at low temperatures.
 - Temperature rating: Can be used over a temperature range of –65 to 200°F (–54 to 93°C).
 - Available in sizes 8 fl oz and 1 gal
- Ordering Number: [MS-RC-SNOOP-](#)



SWAK

[Catalog MS-01-91](#)

Thread sealant used to lubricate pipe threads to prevent damage due to galling and seizure during assembly

- Available in tube sizes .2 fl oz, 1.69 fl oz, 8.45 fl oz
- Ordering Number: [MS-PTS-](#)



PTFE Tape Pipe Thread Sealant

[Catalog MS-01-91](#)

Features:

- Material conforms to Commercial Item Description A-A-58092
 - Temperatures up to 450°F (232°C)
 - Available in sizes 1/4" and 1/2" width
- Ordering Number: [MS-STR-](#)

[Instructional Video](#)



Manual Bench Top Bender

[Catalog MS-01-179](#)

Provides high-quality bends on fractional and metric tubing made from materials that can be used with Swagelok tube fittings. This easy-to-use tube bender reduces installation time and effort as well as the potential for wrinkling or other damage to the tubing during bending. To be used with 1/4 - 1 1/4 in. (0.028 - 0.120 in. wall thickness) and 6 - 30 mm O.D. tubing (0.8 - 3.0 mm wall thickness)

Ordering Number: [MS-BTB-M-E-FKIT](#)

[Available for rental](#)



Electric Tube Bender

[Catalog MS-01-179](#)

Provides high-quality bends on fractional and metric tubing made from materials that can be used with Swagelok tube fittings. This easy-to-use tube bender reduces installation time and effort as well as the potential for wrinkling or other damage to the tubing during bending. To be used with 1 - 2 in. O.D. tubing (0.049 - 0.220 in. wall thickness) and 25 - 50 mm O.D. tubing (1.2 - 5.0 mm wall thickness)

Ordering Number: [MS-TBE-1-1-E-FKIT](#)



Hydraulic Swaging Units

[Catalog MS-01-140](#)

Preswages Swagelok ferrules onto tubing prior to assembly and provides Swagelok tube fitting connections that are 100% gaugeable upon initial installation. Hydraulic swaging units place no initial strain on nut or fitting body threads or on body seal surfaces; in addition, reduces assembly and installation time and operator error. To be used with 1/2 - 2 in. Swagelok fittings.

① Multihead Hydraulic Swaging Unit (MHSU)

[Instructional Video](#)

- With Tooling Kit for 1/2 - 1 in.

Ordering Number: [MS-MHSU-U-E-FKIT-M](#)

[User's Manual](#)

- With Tooling Kit for 1 - 2 in.

Ordering Number: [MS-MHSU-O-E-FKIT-M](#)



② Air-Actuated Hydraulic Swaging Unit (AHSU)

- With Tooling Kit for 1/4, 3/8, and 1/2 in.

Ordering Number: [MS-AHSU-E-FKIT](#)

[User's Manual](#)

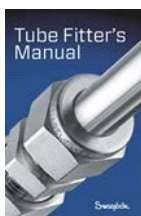


③ High-Volume Swaging Unit (HVSU)

Ordering Number: [MS-HVSU-](#)

[User's Manual](#)

[Available for rental](#)



Tube Fitter's Manual

[Tube Fitter's Online Resource Library](#)

This manual covers tube fitting selection and installation. In addition, it covers topics such as handling tubing, testing and evaluating tube fitting performance, thread identification, pressure ratings and the hidden cost of leakage.

Ordering Number: MS-13-03P

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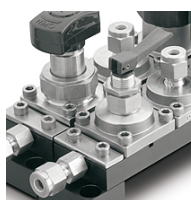
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23920 Freeway Park Drive
Farmington Hills, MI 48335
michigan.swagelok.com

Need a Quote? Call us at 248.474.6624 or email info@michigan.swagelok.com

