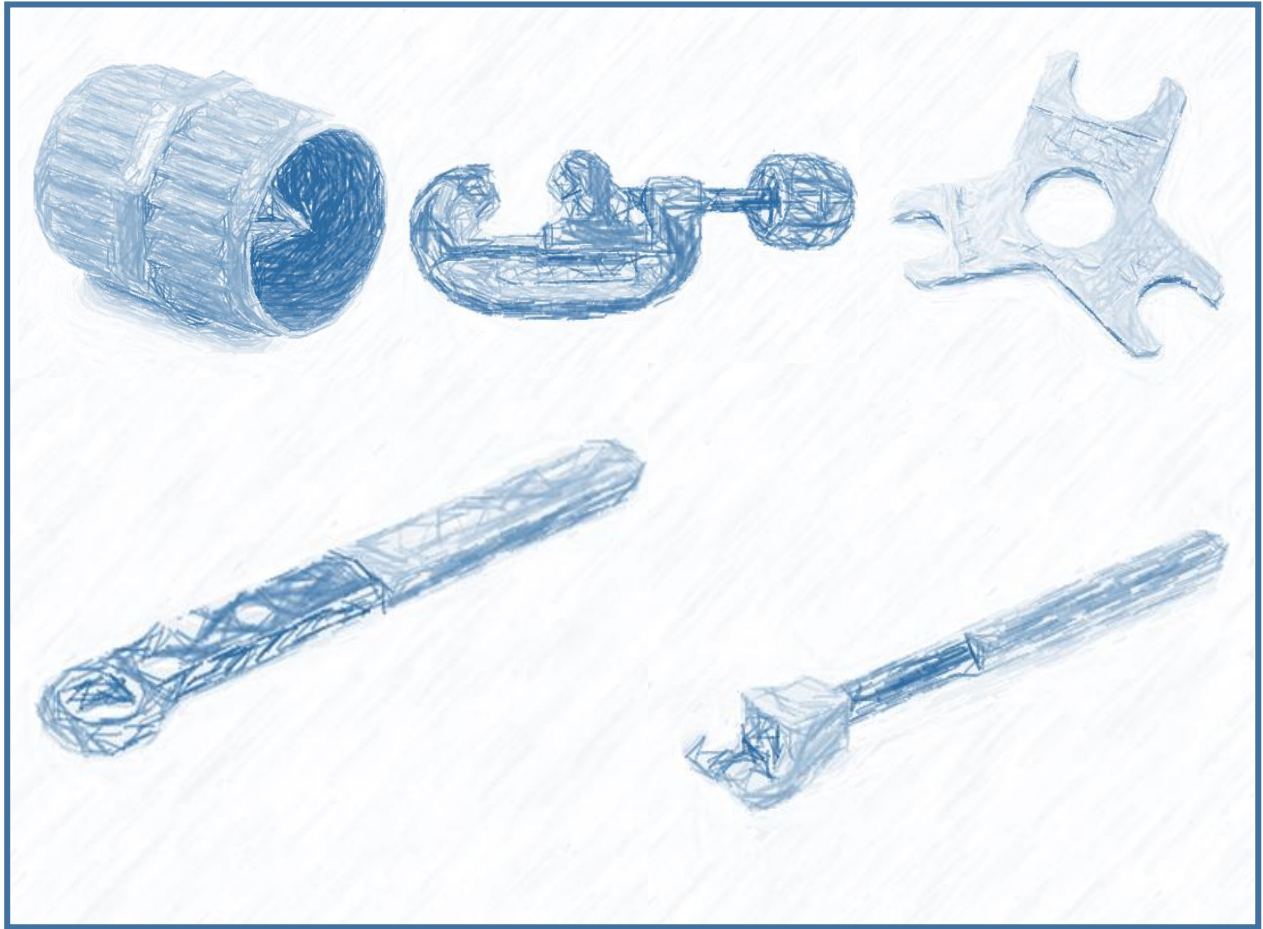




A QUICK LOOK AT SWAGELOK TOOLS

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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](#)

[Instructional Video](#)

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.

[Instructional Video](#)

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.

[Instructional Video](#)

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

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



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-](#)



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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-01-140](#)

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-](#)

[Instructional Video](#)



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](#)

[Instructional Video](#)

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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-1

[Instructional Video](#)

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

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.

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?

We are uniquely qualified to provide outstanding training on proper product application and installation. We invite you to browse our training programs:

[Tube Fitting Installation Training](#)

[Tube Fitting Inspection](#)

[Tube Bending Training](#)

[Hose Essentials](#)

[Orbital Weld Training](#)



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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-](#)

[Instructional Video](#)

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](#)

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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)

[Available for rental](#)

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

[Instructional Video](#)



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)

[Available for rental](#)

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](#)

[Available for rental](#)

- 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](#)

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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](#)

Tube Bender's Tool Case



The toolbox contains a complete set of Swagelok hand tools specifically designed for fabricating tubing systems, including a trio of tube benders. The set of tools is designed for use with the three most common tube sizes: 1/4", 3/8", and 1/2" OD tubing. All of the tools are securely contained in a lockable, water-resistant case with wheels to make transporting easy.

Ordering Number: TOOL KIT W/CASE

Description	Size (in.)	Part Number	Description	Size (in.)	Part Number
Hand Tube Bender - 1/4 OD	9/16 radius	MS-HTB-4T	Tee Wrench	1/4	MS-TW-4
Hand Tube Bender - 3/8 OD	15/16 radius	MS-HTB-6T	Tee Wrench	3/8	MS-TW-6
Hand Tube Bender - 1/2 OD	1-1/2 radius	MS-HTB-8	Tee Wrench	1/2	MS-TW-8
Tube Cutter	3/16 to 1	MS-TC-308	Ratchet Wrench	1/4	MS-RW-400
Tube Deburring Tool	3/16 to 1-1/2	MS-TDT-24	Ratchet Wrench	3/8	MS-RW-600
Gap Inspection Gauge	1/4, 3/8, 1/2	MS-IG-468	Ratchet Wrench	1/2	MS-RW-810
Gap Inspection Gauge	3/4	MS-IG-1210	Pre-Swaging Tool	1/4	MS-ST-400
Gap Inspection Gauge	1	MS-IG-1610	Pre-Swaging Tool	3/8	MS-ST-600
Tube Fitter's Manual	316 pages	MS-13-03P	Pre-Swaging Tool	1/2	MS-ST-810

Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user. The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection.

Caution: Do not mix or interchange components with those of other manufacturers.



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Explore our broad range of fluid system components:

Swagelok Product Lines



[Fittings](#)



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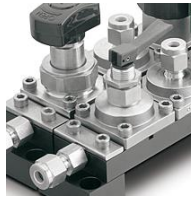
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