

# Tools Quick Look

Swagelok® offers a very broad range of tools and accessories— this is a sampling. For information on additional tools and accessories, visit [www.swagelok.com](http://www.swagelok.com) or email [ssw@swagelok.com](mailto:ssw@swagelok.com).

## 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 on YouTube](#)

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 on YouTube](#)

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 on YouTube](#)

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

The hand tube bender cannot be used for Alloy 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 on YouTube](#)

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

Ordering Number [MS-IG-\\_\\_\\_](#)

## 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-\\_\\_\\_](#)

# Tools Quick Look

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## 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-\\_\\_\\_](#)

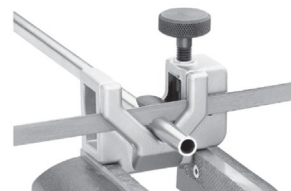


## Tee Wrenches

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-\\_\\_\\_](#)



## 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 on YouTube](#)



## 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](#)

Replacement Blade: [MS-HC-SC-1A-BLD](#)

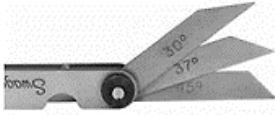


## Calipers

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](#)

# Tools Quick Look



## 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 on YouTube](#)

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

[Thread and End Connection ID Pocket 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



## 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

Snoop Ordering Number: [MS-SNOOP-\\_\\_\\_](#)

Real Cool Snoop 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

[Instructional Video on YouTube](#)

Ordering Number: [MS-STR-\\_\\_\\_](#)

Need a Quote? Call us at (602) 268-4848, (505) 842-0213 or email [ssw@swagelok.com](mailto:ssw@swagelok.com)

Swagelok Southwest serves Arizona, New Mexico, Southern Nevada and Southwestern Colorado

# Tools Quick Look



## Bench Top Bender - Manual / Electric

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)

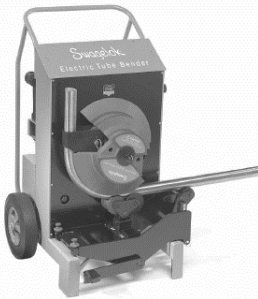
[Instructional Video on YouTube](#)

[Available for Rental](#)

[User's Manual](#)

Ordering Number: Manual MS-BTB-M-E-FKIT / Electric MS-BTB-1-1-E-FKIT

Collapsible Tripod for Bench Top Bender: MS-BTB-A-TP



## 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



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## 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)

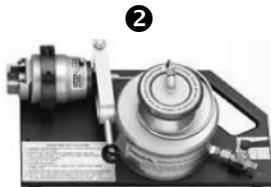
[Instructional Video on YouTube](#)

[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



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### 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](#)



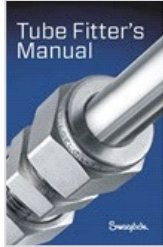
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### 3 High-Volume Swaging Unit (HVSU)

Ordering Number: MS-HVSU-

[User's Manual](#)

# Tools Quick Look



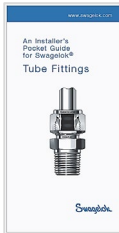
## Tube Fitter's Manual

[Installer's Resource Center on Swagelok.com](#)

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

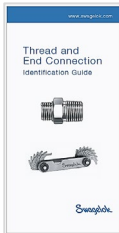
[Digital eBook](#)



## Installers Pocket Guide for Swagelok® Tube Fittings

Ordering Number: MS-13-151

[Digital eBook](#)



## Thread and End Connection Identification Guide

Ordering Number: MS-13-77

[Digital eBook](#)



## Installer's Pocket Guide for VCR® Metal Gasket Face Seal Fittings

Ordering Number: MS-13-150

[Digital eBook](#)

### Do You Need Help with Training?

Swagelok Southwest is uniquely qualified to provide outstanding training on proper product application and installation. We invite you to explore our training programs:

[Tube Fitting Installation Training](#)  
[Tube Bending Training](#)  
[Orbital Weld Training](#)

[Safe Valve Selection](#)  
[Safe Regulator Selection](#)  
[Safe Hose Selection](#)

# Tools Quick Look

## Small Tool Kit



Complete set of Swagelok hand tools in a custom case:

- Designed for use with tubing systems in sizes 1/4", 3/8" and 1/2" OD
- Lockable, water-resistant case with custom cut-outs for each item
- Design incorporates an open "flex" cut-out space to support additional storage requirements

Ordering Number: TOOL KIT SMALL

Description	Size (in.)	Part Number	Description	Size (in.)	Part Number
Depth Marking Tool	1/4	<a href="#">MS-DMT-400</a>	Tee Wrench	3/8	<a href="#">MS-TW-6</a>
Depth Marking Tool	1/2	<a href="#">MS-DMT-810</a>	Tee Wrench	1/2	<a href="#">MS-TW-8</a>
Depth Marking Tool	3/8	<a href="#">MS-DMT-600</a>	Ratchet Wrench	1/4	<a href="#">MS-RW-400</a>
Tube Cutter	3/16 to 1	<a href="#">MS-TC-308</a>	Ratchet Wrench	3/8	<a href="#">MS-RW-600</a>
Tube Deburring Tool	3/16 to 1-1/2	<a href="#">MS-TDT-24</a>	Ratchet Wrench	1/2	<a href="#">MS-RW-810</a>
Gap Inspection Gauge	1/4	<a href="#">MS-IG-400</a>	Pre-Swaging Tool	1/4	<a href="#">MS-ST-400</a>
Gap Inspection Gauge	3/8	<a href="#">MS-IG-600</a>	Pre-Swaging Tool	3/8	<a href="#">MS-ST-600</a>
Gap Inspection Gauge	1/2	<a href="#">MS-IG-810</a>	Pre-Swaging Tool	1/2	<a href="#">MS-ST-810</a>
Installer's Pocket Guide	120 pages	<a href="#">MS-13-151</a>	Teflon Tape	1/4	<a href="#">MS-STR-4</a>
Tee Wrench	1/4	<a href="#">MS-TW-4</a>	Teflon Tape	1/2	<a href="#">MS-STR-8</a>

# Tools Quick Look

## Large Tool Kit



Complete set of Swagelok hand tools in a custom case:

- Includes three tube benders
- Designed for use with tubing systems in sizes 1/4", 3/8" and 1/2" OD
- Lockable, water-resistant case with wheels and multiple carrying handles
- Custom cut-outs for each item

Ordering Number: TOOL KIT LARGE

Description	Size (in.)	Part Number	Description	Size (in.)	Part Number
Hand Tube Bender - 1/4 OD	9/16 radius	<a href="#">MS-HTB-4T</a>	Depth Marking Tool	1/2	<a href="#">MS-DMT-810</a>
Hand Tube Bender - 3/8 OD	15/16 radius	<a href="#">MS-HTB-6T</a>	Tee Wrench	1/4	<a href="#">MS-TW-4</a>
Hand Tube Bender - 1/2 OD	1-1/2 radius	<a href="#">MS-HTB-8</a>	Tee Wrench	3/8	<a href="#">MS-TW-6</a>
Tube Cutter	3/16 to 1	<a href="#">MS-TC-308</a>	Tee Wrench	1/2	<a href="#">MS-TW-8</a>
Tube Deburring Tool	3/16 to 1-1/2	<a href="#">MS-TDT-24</a>	Ratchet Wrench	1/4	<a href="#">MS-RW-400</a>
Gap Inspection Gauge	1/4, 3/8, 1/2	<a href="#">MS-IG-468</a>	Ratchet Wrench	3/8	<a href="#">MS-RW-600</a>
Gap Inspection Gauge	3/4	<a href="#">MS-IG-1210</a>	Ratchet Wrench	1/2	<a href="#">MS-RW-810</a>
Gap Inspection Gauge	1	<a href="#">MS-IG-1610</a>	Pre-Swaging Tool	1/4	<a href="#">MS-ST-400</a>
Installer's Pocket Guide	120 pages	<a href="#">MS-13-151</a>	Pre-Swaging Tool	3/8	<a href="#">MS-ST-600</a>
Depth Marking Tool	1/4	<a href="#">MS-DMT-400</a>	Pre-Swaging Tool	1/2	<a href="#">MS-ST-810</a>
Depth Marking Tool	3/8	<a href="#">MS-DMT-600</a>			

# Tools Quick Look

## Demo Tool Kit



Complete set of Swagelok hand tools and accessories in a custom case:

- Designed for use with tubing systems in sizes 1/4" OD
- Lockable, water-resistant case with custom cut-outs for each item

Ordering Number: TOOL KIT DEMO

Description	Size (in.)	Part Number	Description	Size (in.)	Part Number
Depth Marking Tool	1/4	<a href="#">MS-DMT-400</a>	Snoop	8 oz.	<a href="#">MS-SNOOP-8OZ</a>
Hand Tube Bender	1/4	<a href="#">MS-HTB-4T</a>	SWAK	50 cc.	<a href="#">MS-PTS-50</a>
Calipers	-	SW1092	Ratchet Wrench	1/4	<a href="#">MS-RW-400</a>
Tube Cutter	3/16 to 1	<a href="#">MS-TC-308</a>	Vac Goop	1 oz.	<a href="#">MS-TL-VGT</a>
Tube Deburring Tool	3/16 to 1-1/2	<a href="#">MS-TDT-24</a>	Pure Goop	1 oz.	<a href="#">MS-TL-PGT</a>
Gap Inspection Gauge	1/4, 3/8, 1/2	<a href="#">MS-IG-468</a>	Silver Goop	1 oz.	<a href="#">MS-TL-SGT</a>
Gap Inspection Gauge	1/4	<a href="#">MS-IG-400</a>	Pre-Swaging Tool	1/4	<a href="#">MS-ST-400</a>
Thread Button Die	1/4	<a href="#">MS-TBD-401</a>	Teflon Tape	1/4	<a href="#">MS-STR-4</a>
Vise Grip	-	MS-14-05	Tee Wrench	1/4	<a href="#">MS-TW-4</a>
Installer's Pocket Guide	120 pages	<a href="#">MS-13-151</a>			

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