



Swagelok® Tube Fitter's Toolkit

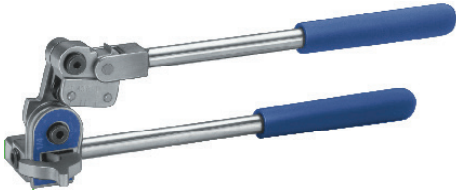
The ultimate set of fabrication tools

Ensure you always have the right tool for the job.

The Swagelok® Tube Fitter's Toolkit contains all the hand tools necessary for leak-tight, gaugeable, and safe installation of Swagelok tube fittings. All tools are securely contained in a lockable, water resistant case with wheels for easy transportation.

Case Contents

Hand Tube Benders



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

Features

- Clevis handle design provides enhanced leverage for bends greater than 90°
- Roll dies reduce bending force and tube ovality, as compared to conventional slide block design
- 1 to 180° bending range

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

Gaugeable Preswaging Tools

A convenient accessory for Swagelok tube fitting installations in close quarters.



Features

- Preswages ferrules on the tube
- Enables the installer to work in a more open, safe area
- Makes it possible to complete the installation by following retightening instructions for Swagelok tube fittings

Tee Wrenches



Provides backup support when installing Swagelok union tees and crosses.

Features

- Holds fitting body firmly and precisely
- Fits easily in tool box, pouch, or belt
- Head and handle made of stainless steel
- Features a cushioned vinyl grip and generous gripping area for handle
- Holds tee in various orientations

Tube Cutter



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

Features

- Flare-out and work hardening of tube end is reduced
- Knobs on handle are spaced in 1/8th turn increments to provide easy reference when advancing cutter wheel

Tube Deburring Tools

After use of the tube cutter or tube sawing guide, Swagelok deburring tools deburr the inside and outside diameters of 1/4" to 1 1/2" stainless steel, steel, and hard alloy tube ends.



Features

- Steel blades for long life
- Rugged, heavy-duty die-cast housing

Tube Sawing Guide

The tube sawing guide accepts tubing sizes from 3/16" to 1" outside diameter to enable fast, accurate cutting with a hacksaw, helping reduce tubing preparation time, thereby speeding system assembly.



Features

- Specially designed clamp holds tubing accurately, without distorting or scratching the tube surface
- Precision guides easily position blade for all cuts
- Recess under guide plates provides blade clearance at end of stroke
- Retractable spring-loaded clamp allows tubing to be inserted easily
- Design permits easy mounting in vise



Gap Inspection Gauge

An excellent aid for verifying that a fitting has been properly tightened.

**Depth Marking Tools**

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

**Swagelok Tube Fitter's Manual**

The success of your fluid system is dependent not only upon specifying Swagelok tube fittings, but also upon proper installation and use of high-quality tubing.

The information contained in this manual is a result of extensive field research and laboratory studies conducted by our research and development engineers, as well as by our customers.

**Safe Product Selection**

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, 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.

Warning: Do not mix/interchange Swagelok products or components not governed by industrial design standards, including Swagelok tube fitting end connections, with those of other manufacturers.

Part Number: MS-HANDTOOLS-KIT**Case Contents by Item Number**

Component	Item Number
1/4" Hand Tube Bender (9/16" bend radius)	MS-HTB-4T
3/8" Hand Tube Bender (15/16" bend radius)	MS-HTB-6T
1/2" Hand Tube Bender (1 1/2" bend radius)	MS-HTB-8T
1/4" Gaugeable Preswaging Tool	MS-ST-400GA
3/8" Gaugeable Preswaging Tool	MS-ST-600GA
1/2" Gaugeable Preswaging Tool	MS-ST-810GA
1/4" Tee Wrench	MS-TW-4
3/8" Tee Wrench	MS-TW-6
1/2" Tee Wrench	MS-TW-8
1/4" Depth Marking Tool	MS-DMT-400
3/8" Depth Marking Tool	MS-DMT-600
1/2" Depth Marking Tool	MS-DMT-810
Gap Inspection Gauge (1/4" - 3/8" - 1/2")	MS-IG-468
Tube Cutter	MS-TC-308
Tube Sawing Guide	MS-TSG-16
Deburring Tool	MS-TDT-24
Tube Fitter's Manual	MS-13-03

Toolkit Weight: 44 lbs

Toolkit Dimensions: 39L x 17W x 6H

Ordering Information

Contact your Account Manager, call 205.988.4812 or email info@ALFL.Swagelok.com to place an order for your own Swagelok® Tube Fitter's Toolbox.

Warranty Information

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com or contact your authorised Swagelok representative. Carry Cases and foam inserts are excluded from this warranty.





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Since 1947, Swagelok has designed, developed, and manufactured high-quality, general-purpose and specialty fluid system products to meet the evolving needs of global industries. Our focus is on understanding our customers' needs, finding timely solutions, and adding value with our products and services.

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