

## Gas Purification/Management

Plumbing/Regulation: *Tubing Cutters, Reamers, and Benders*

### Tubing Reamer

This 5 in. hand tool does a fine job of opening and rounding tubing ends that are cut. The tip is stainless steel for durability and inertness; and the handle is wood for comfort.



20389

1 ea

### Tubing Bender

The heavy duty benders easily bend aluminum, copper, or stainless steel tubing up to 180°, without kinking or splitting the tubing.

The three-in-one tool (20857) bends 1/8 in., 3/16 in., or 1/4 in. (3, 4, or 6 mm) tubing of standard wall thickness.

20422-U has a bend radius of 3/8 inch from center.

20424-U has a bend radius of 9/16 inch from center.

20857 (three-in-one tool) has a bend radius of 14.2 mm from center (pictured above).



20857 (three-in-one tool)

Description	Cat. No.	Qty
Tubing Bender, for 1/8 in. O.D. tubing	20422-U	1 ea
Tubing Bender, for 1/4 in. O.D. tubing	20424-U	1 ea
Tubing Bender, Three-Size for 1/4 in. (6 mm, 3/16 in. (4 mm) & 1/8 in. tube)	20857	1 ea

### Swagelok Tubing Fittings

Swagelok tubing fittings combine superior design principles with close manufacturing tolerances and rigid quality assurance programs. They have stood the test of time, providing unparalleled performance since 1947.

#### Swagelok® Fittings Kit

A useful assortment of 1/8 in. and 1/4 in. brass fittings, packaged in a compartmented clear plastic storage box. Have the required parts on hand when needed, and save money (more than 30%, compared to purchasing items individually).

#### The Swagelok Fittings Kit

Swagelok No.	Description	Qty.
202-1	1/8 in. nut	20
402-1	1/4 in. nut	20
203-1	1/8 in. front ferrule	20
403-1	1/4 in. front ferrule	20
204-1	1/8 in. back ferrule	20
404-1	1/4 in. back ferrule	20
200-C	1/8 in. cap	6
400-C	1/4 in. cap	6
200-P	1/8 in. plug	6
400-P	1/4 in. plug	6

#### The Swagelok Fittings Kit

Swagelok No.	Description	Qty.
200-6	1/8 in. union	2
400-6	1/4 in. union	2
400-60-2	1/4 in. x 1/8 in. reducing union	2
200-3	1/8 in. tee	2
400-3	1/4 in. tee	2
200-R-4	Reducer 1/8 in. Swagelok x 1/4 in. tube	2
400-R-2	Reducer 1/4 in. Swagelok x 1/8 in. tube	2
MS-IG-200	1/8 in. inspection gauge	1
MS-IG-400	1/4 in. inspection gauge	1



22668-U

1 ea

#### Swagelok® Nut, Front and Back Ferrule Set



Description	Swagelok No.	Cat. No.	Qty
<b>brass</b>			
Swagelok 1/16 in.	100-S	22024	10 ea
Swagelok 1/8 in.	200-S	22014	10 ea
Swagelok 1/4 in.	400-S	22003	10 ea
<b>stainless steel</b>			
Swagelok 1/16 in.	100-S	22050	1 ea
Swagelok 1/8 in.	200-S	22040-U	5 ea
Swagelok 1/4 in.	400-S	22029	5 ea