

Replacement Parts

To order, add a material designator from the **How to Order** table on page 14.

Ferrules



Front

Tube OD	Basic Ordering Number
Dimensions, in.	
1/16	-103-1
1/8	-203-1
3/16	-303-1
1/4	-403-1
5/16	-503-1
3/8	-603-1
1/2	-813-1
5/8	-1013-1
3/4	-1213-1
7/8	-1413-1
1	-1613-1
1 1/4	-2003-1 ^①
1 1/2	-2403-1 ^①
2	-3203-1 ^①

^① Over 1 in. and over 25 mm stainless steel front ferrules are PFA coated. To order silver-plated front ferrules, add **-BL** to the basic ordering number.

Example: SS-2003-1**BL**

Tube OD	Basic Ordering Number
Dimensions, mm	
2	-2M3-1
3	-3M3-1
4	-4M3-1
6	-6M3-1
8	-8M3-1
10	-10M3-1
12	-12M3-1
14	-14M3-1
15	-15M3-1
16	-16M3-1
18	-18M3-1
20	-20M3-1
22	-22M3-1
25	-25M3-1
28	-28M3-1 ^①
30	-30M3-1 ^①
32	-32M3-1 ^①
38	-38M3-1 ^①
50	-50M3-1 ^①



Back

Tube OD	Basic Ordering Number
Dimensions, in.	
1/16	-104-1
1/8	-204-1
3/16	-304-1
1/4	-404-1
5/16	-504-1
3/8	-604-1
1/2	-814-1
5/8	-1014-1
3/4	-1214-1
7/8	-1414-1
1	-1614-1
1 1/4	-2004-1 ^①
1 1/2	-2404-1 ^①
2	-3204-1 ^①

^① Over 1 in. and over 25 mm stainless steel back ferrules are PFA coated. To order back ferrules without PFA coating, add **-WC** to the basic ordering number.

Example: SS-2004-1**WC**

Tube OD	Basic Ordering Number
Dimensions, mm	
2	-2M4-1
3	-3M4-1
4	-4M4-1
6	-6M4-1
8	-8M4-1
10	-10M4-1
12	-12M4-1
14	-14M4-1
15	-15M4-1
16	-16M4-1
18	-18M4-1
20	-20M4-1
22	-22M4-1
25	-25M4-1
28	-28M4-1 ^①
30	-30M4-1 ^①
32	-32M4-1 ^①
38	-38M4-1 ^①
50	-50M4-1 ^①

Replacement Parts

Nut-Ferrule Set and Ferrule Set

Use of Nuts and Ferrules

Using Swagelok nuts and ferrules on tube fittings or valves with tube end connections requires critical interaction of precision parts.

Swagelok nuts and ferrules are sold as replacement parts for use with only Swagelok bodies, fittings, valves, and hose products.

Sets are shown with arbors. One arbor holds five nut-ferrule sets or ten ferrule sets.

Nut-Ferrule Set



The nut-ferrule set contains one nut, one back ferrule, and one front ferrule.

To order, add a material designator to the basic ordering number. Please order nut-ferrule sets in multiples of five.

Example: **SS-400-NFSET**

Material	Designator
Brass	B
Carbon steel	S
316 stainless steel	SS

Tube OD	Basic Ordering Number
Dimensions, in.	
1/4	-400-NFSET
3/8	-600-NFSET
1/2	-810-NFSET
Dimensions, mm	
6	-6M0-NFSET
8	-8M0-NFSET
10	-10M0-NFSET
12	-12M0-NFSET

Ferrule Set



The ferrule set contains one front ferrule and one back ferrule.

To order, add a material designator to the basic ordering number. Please order ferrule sets in multiples of ten.

Example: **SS-100-SET**

Material	Designator
Alloy 400	M
Aluminum	A
Brass	B
Carbon steel	S
Nylon	NY
PTFE	T
316 stainless steel	SS

Tube OD	Basic Ordering Number
Dimensions, in.	
1/16	-100-SET
1/8	-200-SET
3/16	-300-SET
1/4	-400-SET
5/16	-500-SET
3/8	-600-SET
1/2	-810-SET
Dimensions, mm	
6	-6M0-SET
8	-8M0-SET
10	-10M0-SET
12	-12M0-SET

Nut-Ferrule Package and Ferrule-Pak Package

To order the nut-ferrule package (50 nut-ferrule sets) or ferrule-pak package (100 front and back sets), contact your authorized Swagelok sales and service representative.

Nut-Ferrule Package



Ferrule-Pak Package

