

How to Order



Port size	
M5	M5 x 0.8
U10/32	10-32 UNF

Applicable tubing O.D. ^{Note 1)}

Metric size		Inch size	
02	ø2	01	ø1/8"
23	ø3.2 ^{Note 2)}	03	ø5/32"
04	ø4	07	ø1/4"
06	ø6		

Note 1) For selecting applicable tubing O.D., refer to Series Variations (Features 1).
For metric size and inch size types can be visually identified by color of the release button.
Metric size: White
Inch size: Orange
Note 2) Use ø1/8" tubing.

Body size 1

AS 1 2 0 1 F - M5 - 06 A

Body size 2/3/4

AS 2 2 0 1 F - 01 - 06 S A

Body size	
1	M5 x 0.8 10-32 UNF
2	1/8, 1/4
3	3/8
4	1/2

Thread type	
Nil	R
N	NPT

Port size	
01	1/8
02	1/4
03	3/8
04	1/2

Push-lock type

Seal method

Nil	Without sealant
S	With sealant

Elbow

Control type ^{Note)}

0	Meter-out
1	Meter-in

Note) For meter-out and meter-in types can be visually identified by color of the handle.
Meter-out: Gray
Meter-in: Light blue

Applicable tubing O.D. ^{Note 1)}

Metric size		Inch size	
23	ø3.2 ^{Note 2)}	01	ø1/8"
04	ø4	03	ø5/32"
06	ø6	07	ø1/4"
08	ø8	09	ø5/16"
10	ø10	11	ø3/8"
12	ø12	13	ø1/2"
16	ø16		

Note 1) For selecting applicable tubing O.D., refer to Series Variations (Features 1).
Note 2) Use ø1/8" tubing.

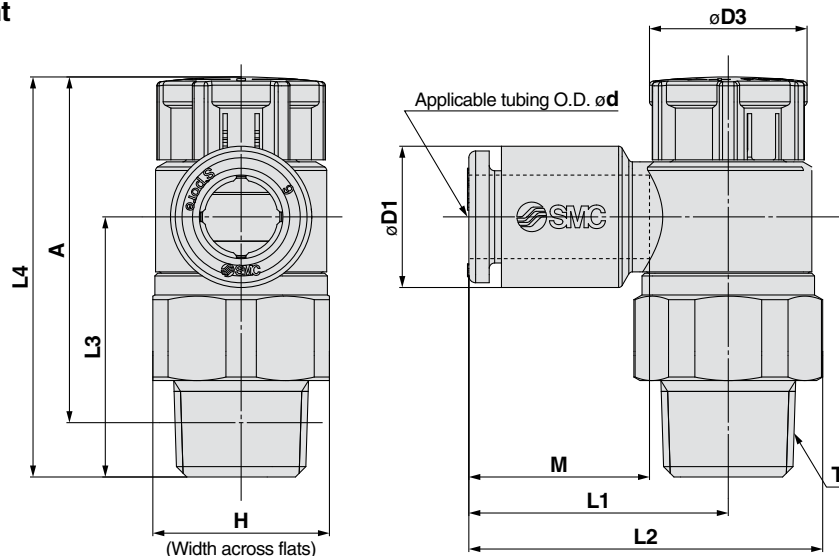
Series AS

Thread type: R, NPT

Dimensions

Seal method: Sealant

Thread type: R, NPT



Metric size

(mm)

Model	d	T	H	D1	D3	L1	L2	L3	L4 Note 1)		A Note 2)		M	Weight (g)
									Unlock	Lock	Unlock	Lock		
AS22□1F-01-23(S)A	3.2	1/8	13 (12.7)	7.2	11.6	19.1	26.1 (26)	19.1	30.6	29.2	27.5	26.1	13.3	9 (9)
AS22□1F-01-04(S)A	4			8.2										10 (9)
AS22□1F-01-06(S)A	6			10.4										11 (10)
AS22□1F-01-08(S)A	8			13.2										12 (11)
AS22□1F-01-10(S)A	10	1/4	17 (17.5)	15.9	12.6	20.9	30 (30.3)	22.6	36.6	35	31.1	29.5	13.3	18 (19)
AS22□1F-02-23(S)A	3.2			7.2										19 (20)
AS22□1F-02-04(S)A	4			8.2										20 (21)
AS22□1F-02-06(S)A	6			10.4										31 (32)
AS22□1F-02-08(S)A	8			13.2										32 (33)
AS22□1F-02-10(S)A	10			15.9										34 (35)
AS32□1F-03-06(S)A	6	3/8	19	10.4	15.6	21.8	32.1	28.7	42.3	40.7	37.1	35.5	13.3	31 (32)
AS32□1F-03-08(S)A	8			13.2		22.7	33						14.2	
AS32□1F-03-10(S)A	10			15.9		26.7	37						15.6	
AS32□1F-03-12(S)A	12			18.5		29.7	40						17	
AS42□1F-04-10(S)A	10	1/2	24 (23.8)	15.9	17.6	27.4	40.3 (40.2)	36.2	50.8	49.2	43.7	42.1	15.6	54 (53)
AS42□1F-04-12(S)A	12			18.5		30.8	43.7 (43.6)	35.1					17	56 (55)
AS42□1F-04-16(S)A	16			23.8		34.8	47.7 (47.6)	32.7					20.6	60 (59)

Note 1) Reference dimensions Note 2) Reference dimensions after installation of thread Note 3) The values in () are the dimensions of NPT thread.

Inch size

(mm)

Model	d	T	H	D1	D3	L1	L2	L3	L4 Note 1)		A Note 2)		M	Weight (g)
									Unlock	Lock	Unlock	Lock		
AS22□1F-01-01(S)A	1/8"	1/8	13 (12.7)	7.2	11.6	19.1	26.1 (26)	19.1	30.6	29.2	27.5	26.1	13.3	9 (9)
AS22□1F-01-03(S)A	5/32"			8.2										10 (9)
AS22□1F-01-07(S)A	1/4"			11.2										11 (10)
AS22□1F-01-09(S)A	5/16"			13.2										12 (11)
AS22□1F-02-01(S)A	1/8"	1/4	17 (17.5)	7.2	12.6	20.9	30 (30.3)	22.6	36.6	35	31.1	29.5	13.3	18 (19)
AS22□1F-02-03(S)A	5/32"			8.2										19 (19)
AS22□1F-02-07(S)A	1/4"			11.2										20 (21)
AS22□1F-02-09(S)A	5/16"			13.2										31 (32)
AS22□1F-02-11(S)A	3/8"			15.5										32 (33)
AS32□1F-03-07(S)A	1/4"	3/8	19	11.2	15.6	21.8	32.1	28.7	42.3	40.7	37.1	35.5	13.3	31 (32)
AS32□1F-03-09(S)A	5/16"			13.2		22.7	33						14.2	
AS32□1F-03-11(S)A	3/8"			15.5		26.7	37						15.6	
AS42□1F-04-11(S)A	3/8"	1/2	24 (23.8)	15.5	17.6	27.4	40.3 (40.2)	36.2	50.8	49.2	43.7	42.1	15.6	54 (53)
AS42□1F-04-13(S)A	1/2"			19.3		30.9	43.8 (43.7)	34.7					17	56 (55)

Note 1) Reference dimensions Note 2) Reference dimensions after installation of thread Note 3) The values in () are the dimensions of NPT thread.