

Series AS-FG



How to Order

• Applicable tubing O.D. ^{Note 1)}

Metric size		Inch size	
02	Ø 2	01	Ø 1/8"
23	Ø 3.2 ^{Note 2)}	03	Ø 5/32"
04	Ø 4	07	Ø 1/4"
06	Ø 6		

Note 1) For selecting applicable tubing O.D., refer to the "Model" on page 14.
The colour of the release button is white (metric, inch).

Note 2) Use Ø 1/8" tube.

Body size •

1	M5 x 0.8 10-32UNF
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Port size •

M5	M5 x 0.8
U10/32	10-32UNF

Body size 1

AS 1 2 0 1 FG - M5 - 06 A -

Body size 2/3/4

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

Body size •

2	1/8, 1/4
3	3/8
4	1/2

Type •

2	Elbow
3	Universal

Control type ^{Note)} •

0	Meter-out
1	Meter-in

Note) Meter-out and meter-in types can be visually identified by colour of the knob.
Meter-out: Grey
Meter-in: Light blue

Stainless steel type • (Stainless steel 303)

Note 1) The material can be visually identified by colour of the release button.

Stainless steel type: White
Note 2) White is also used for inch size.

Thread type •

—	R
N	NPT
G	G

• Made to Order
Refer to page 25 for details.

• Push-lock type

• Seal method

—	Without sealant
S	With sealant

Note) Face seal method is used for the G thread type.

Select "—/Without sealant."
Example) AS2201FG-G01-06A

• Applicable tubing O.D. ^{Note 1)}

Metric size		Inch size ^{Note 3)}	
23	Ø 3.2 ^{Note 2)}	01	Ø 1/8"
04	Ø 4	03	Ø 5/32"
06	Ø 6	07	Ø 1/4"
08	Ø 8	09	Ø 5/16"
10	Ø 10	11	Ø 3/8"
12	Ø 12	13	Ø 1/2"
16	Ø 16		

Note 1) For selecting applicable tubing O.D., refer to the "Model" on page 14.
The colour of the release button is white (metric, inch).

Note 2) Use Ø 1/8" tube.

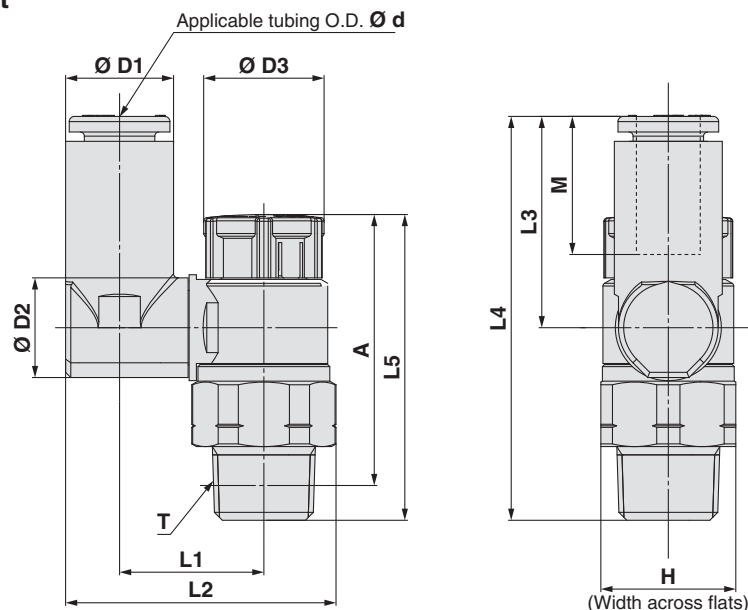
Note 3) Only the metric size is available for the G thread type.

• Port size

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

Dimensions/ Universal type

Seal method: Sealant
For R, NPT thread



Sealant/Gasket seal
AS-FG

Face seal

Gasket seal
Uni-AS

Metric Size

Model	d	T	H	D1	D2	D3	L1	L2	L3	L4	L5 Note 1)		A Note 2)		M	Weight [g]
											Unlocked	Locked	Unlocked	Locked		
AS23□1FG-01-23(S)A	3.2	1/8	13 (12.7)	7.2	9.6	12	13.3	24	17.5	36	30.6	29.2	27.5	26.1	13.3	10 (9)
AS23□1FG-01-04(S)A	4			8.2			13.9	25.1								10 (10)
AS23□1FG-01-06(S)A	6			10.4			16.4	30.1								12 (11)
AS23□1FG-01-08(S)A	8			13.2			19	34.9 (35)								14.2
AS23□1FG-02-04(S)A	4	1/4	17 (17.5)	8.2	12.9	13	16.5	29.9 (30)	17.5	40.1	36.6	35	31.1	29.5	13.3	18 (19)
AS23□1FG-02-06(S)A	6			11.2			19	33.8 (33.9)								20 (21)
AS23□1FG-02-08(S)A	8			13.2			20.9	38.1 (38.2)								21 (22)
AS23□1FG-02-10(S)A	10			15.9			20.9	38.1 (38.2)								23 (23)
AS33□1FG-02-06(S)A	6	1/4	19	11.2	12.9	16.6	20.2	36	21.4	57.8	50	48.4	44.5	42.9	13.3	42 (42)
AS33□1FG-02-08(S)A	8			13.2			23	37.1								43 (43)
AS33□1FG-02-10(S)A	10			15.9			23	41.2								46 (46)
AS33□1FG-02-12(S)A	12			18.5			23	42.5								48 (48)
AS33□1FG-03-06(S)A	6	3/8	19	11.2	12.9	16.6	20.2	36	21.4	50.1	42.3	40.7	37.1	35.5	13.3	32 (33)
AS33□1FG-03-08(S)A	8			13.2			23	37.1								33 (34)
AS33□1FG-03-10(S)A	10			15.9			23	41.2								37 (38)
AS33□1FG-03-12(S)A	12			18.5			23	42.5								38 (39)
AS43□1FG-04-10(S)A	10	1/2	24 (23.8)	15.9	17.4	18.8	25.6	46.4 (46.3)	26.1	61.2	50.8	49.2	43.7	42.1	15.6	58 (57)
AS43□1FG-04-12(S)A	12			18.5			26.2	48.3 (48.2)								61 (61)

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

Inch Size

Model	d	T	H	D1	D2	D3	L1	L2	L3	L4	L5 Note 1)		A Note 2)		M	Weight [g]
											Unlocked	Locked	Unlocked	Locked		
AS23□1FG-01-01(S)A	1/8"	1/8	13 (12.7)	7.2	9.6	12	13.3	24	17.5	36	30.6	29.2	27.5	26.1	13.3	10 (9)
AS23□1FG-01-03(S)A	5/32"			8.2			13.9	25.1								10 (10)
AS23□1FG-01-07(S)A	1/4"			11.2			16.4	29.1								11 (10)
AS23□1FG-01-09(S)A	5/16"			13.2			19	30.1								12 (11)
AS23□1FG-02-03(S)A	5/32"	1/4	17 (17.5)	8.2	12.9	13	16.5	29.9 (30)	17.5	40.1	36.6	35	31.1	29.5	13.3	18 (19)
AS23□1FG-02-07(S)A	1/4"			11.2			19	33.8 (33.9)								20 (21)
AS23□1FG-02-09(S)A	5/16"			13.2			20.9	34.9 (35)								21 (22)
AS23□1FG-02-11(S)A	3/8"			15.9			20.9	38.1 (38.2)								23 (23)
AS33□1FG-02-07(S)A	1/4"	3/8	19	11.2	12.9	16.6	20.2	36	21.4	57.8	50	48.4	44.5	42.9	13.3	42 (42)
AS33□1FG-02-09(S)A	5/16"			13.2			23	37.1								43 (43)
AS33□1FG-02-11(S)A	3/8"			15.9			23	41.2								46 (46)
AS33□1FG-03-07(S)A	1/4"			11.2			20.2	36								32 (33)
AS33□1FG-03-09(S)A	5/16"	3/8	19	13.2	12.9	16.6	23	37.1	21.4	52.2	42.3	40.7	37.1	35.5	14.2	33 (34)
AS33□1FG-03-11(S)A	3/8"			15.9			23	41.2								37 (38)
AS43□1FG-04-11(S)A	3/8"	1/2	24 (23.8)	15.9	17.4	18.8	25.6	46.4 (46.3)	26.1	61.2	50.8	49.2	43.7	42.1	15.6	58 (57)
AS43□1FG-04-13(S)A	1/2"			18.5			26.2	48.3 (48.2)								61 (60)

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