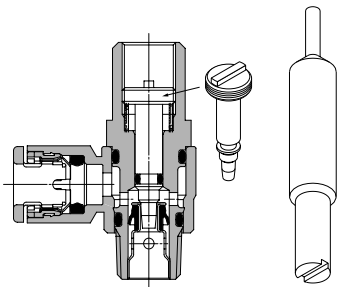


Tamper Proof Speed Controller with One-touch Fitting

Series AS□□□1F-T Elbow Type/Universal Type

Able to adjust flow by a special tool

Prevention of an unnecessary manual operation



Special tool
Part number: AS-T-1

Specifications

Fluid	Air
Proof pressure	1.5 MPa
Max. operating pressure	1 MPa
Min. operating pressure	0.1 MPa
Ambient and fluid temperature	-5 to 60°C (No freezing)
Number of needle rotations	10 turns (8 turns ⁽¹⁾)
Applicable tubing material ⁽²⁾	Nylon, Soft nylon, Polyurethane

Note 1) In the case of AS12□1F-M5 and AS12□1F-U10/32 types
AS13□1F-M5, AS13□1F-U10/32

Note 2) Use caution regarding the max. operating pressure when soft nylon or polyurethane tubing is used.
(Refer to pages 15-6-3 to 15-6-5 for details.)

Note 3) Brass parts are all electroless nickel plated, provided as standard.

Model

Elbow type	Universal type	Port size	Applicable tubing O.D.													Applicable cylinder bore size (mm)		
			Metric size						Inch size									
			3.2	4	6	8	10	12	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	1/2"			
AS12□1F-M5	AS13□1F-M5	M5 x 0.8	●	●	●													6, 10, 16, 20
AS22□1F-01	AS23□1F-01	R 1/8	●	●	●	●	●											20, 25, 32
AS22□1F-02	AS23□1F-02	R 1/4		●	●	●	●											20, 25, 32, 40
AS32□1F-02	AS33□1F-02	R 1/4			●	●	●	●										40, 50, 63
AS32□1F-03	AS33□1F-03	R 3/8			●	●	●	●										40, 50, 63
AS42□1F-04	AS43□1F-04	R 1/2					●	●										63, 80, 100
AS12□1F-U10/32	AS13□1F-U10/32	10-32 UNF								●	●	●	●					6, 10, 16, 20
AS22□1F-N01	AS23□1F-N01	NPT 1/8								●	●	●	●	●				20, 25, 32
AS22□1F-N02	AS23□1F-N02	NPT 1/4								●	●	●	●	●				20, 25, 32, 40
AS32□1F-N02	AS33□1F-N02	NPT 1/4									●	●	●	●				40, 50, 63
AS32□1F-N03	AS33□1F-N03	NPT 3/8									●	●	●	●				40, 50, 63
AS42□1F-N04	AS43□1F-N04	NPT 1/2												●	●			63, 80, 100

Note 1) * Elbow type only

Note 2) Meter-out and meter-in types can be visually differentiated by the flow direction symbol on the resin body.

Elbow type



Universal type



How to Order

AS 2 2 1 1 F - 01 - 06 S T

Body size

1	M5 standard
2	1/8, 1/4 standard
3	3/8 standard
4	1/2 standard

Type

2	Elbow
3	Universal

Control

0	Meter-out
1	Meter-in

With One-touch fitting

Port size

M5	M5 x 0.8
01	R 1/8
02	R 1/4
03	R 3/8
04	R 1/2
U10/32	10-32 UNF
N01	NPT 1/8
N02	NPT 1/4
N03	NPT 3/8
N04	NPT 1/2

Tamper proof

Speed Controller requires a special tool for flow adjustment. Order separately with part number, AS-T-1.

With seal

Note) In case that connecting port is either M5 or 10-32 UNF thread, it is not available with seal. With gasket is provided as standard.

Applicable tubing O.D.

Metric size		Inch size	
23	ø3.2"	01	ø1/8"
04	ø4	03	ø5/32"
06	ø6	05	ø3/16"
08	ø8	07	ø1/4"
10	ø10	09	ø5/16"
12	ø12	11	ø3/8"
		13	ø1/2"

* Use ø1/8" tube.