

Applications

- Used in the place where pneumatic piping frequently changes.

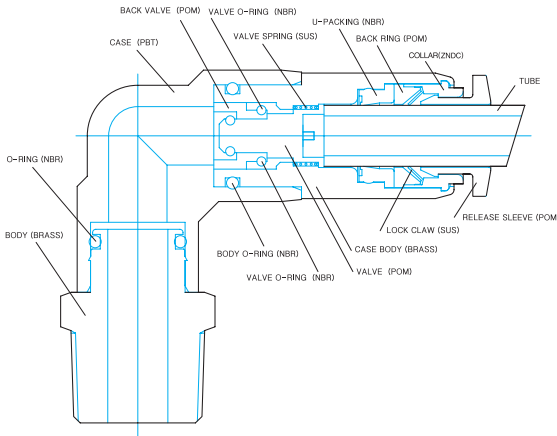
Features

- Air is completely blocked when the tube is released, and the air flows again only after connection to ensure safety. The air flows only when the tube is connected.

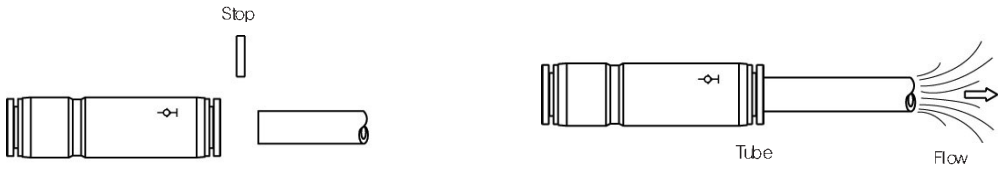
Specifications

- Fluid type : Air(No other gases or liquids)
- Working pressure : 0~150PSI / 0~9.9Kg_f/cm²(0~990kPa)
- Negative pressure: -29.5 in Hg / -750mmHg(-750Torr)
- Working temperature: 32~140° F / 0~60° C
- Applicable Tube: Polyurethane and Nylon

Structural Diagram



Control System



CAUTION

- Be sure to refer to the Caution on Safety, Classification of Warning Indication (P7), and Common Caution of Fitting Products (P8) before use.
- Assemble the fitting according to the proper connection torque value (P7).
- Proper torque refers to connection by hand and 2~3 rotations using a tool. Excessive pressure may damage the screw.
- Confirm the air flow control direction before connecting the tube. If the flow control direction operates backwards, air will not flow.

WARNING

- Do not force impact or rotation on the body or fitting section.
- Never open the tube under pressure. The springing power of the tube may cause bodily harm.

Product Code System

METRIC - BSPT(R)

SPC 06-01

STOP FITTING		Tube Dia		Thread Size	
CODE	φD	CODE	SIZE	CODE	SIZE
04	φ4	M5	M5×0.8		
06	φ6	M6	M6×1.0		
08	φ8	01	R1/8		
10	φ10	02	R1/4		
12	φ12	03	R3/8		
		04	R1/2		

METRIC - BSPP(G)

SPC 06 - G01

STOP FITTING		Tube Dia		Thread Size	
CODE	φD	CODE	SIZE	CODE	SIZE
04	φ4	G01	G1/8		
06	φ6	G02	G1/4		
08	φ8	G03	G3/8		
10	φ10	G04	G1/2		
12	φ12				

INCH - NPT

SPC 1/4 - N1

STOP FITTING		Tube Dia		Thread Size	
CODE	ØD	CODE	SIZE	CODE	SIZE
5/32	5/32"	U	10-32UNF		
3/16	3/16"	N1	NPT1/8		
1/4	1/4"	N2	NPT1/4		
5/16	5/16"	N3	NPT3/8		
3/8	3/8"	N4	NPT1/2		
1/2	1/2"				

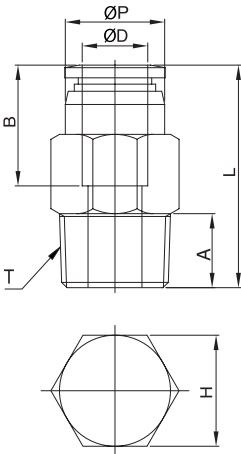
Stop Fittings

SPC



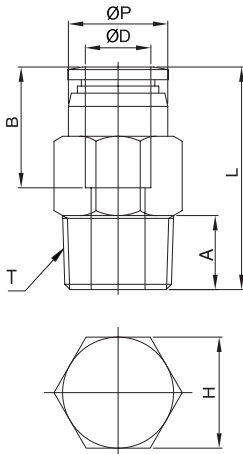
METRIC-BSPT(R)

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SPC 04-01	4	10.0	R1/8	26.1	8.0	15.3	10	10.8	100
SPC 06-01	6	12.0	R1/8	28.8	8.0	17.0	12	12.8	100
SPC 06-02	6	12.0	R1/4		10.0		14	20.8	50
SPC 08-02	8	14.0	R1/4	33.3	10.0	18.6	14	19.7	50
SPC 08-03	8	14.0	R3/8		11.0		17	38.7	50
SPC 10-02	10		R1/4		10.0		17	28.5	50
SPC 10-03	10	17.0	R3/8	35.6	11.0	20.3	17	33.5	50
SPC 10-04	10		R1/2		14.0		21	60.5	50
SPC 12-02	12		R1/4		10.0		19	44.3	50
SPC 12-03	12	18.8	R3/8	41.9	11.0	22.7	19	58.3	25
SPC 12-04	12		R1/2		14.0		21	66.3	25



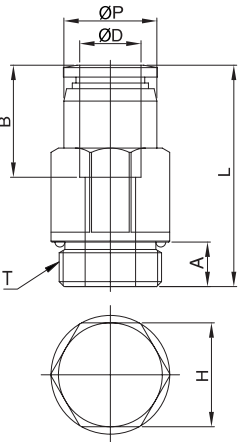
INCH-NPT

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SPC 5/32-N1	5/32	10.0	NPT1/8	26.1	8.5	15.3	7/16	11.8	100
SPC 3/16-N1	3/16	11.0	NPT1/8	27.2	8.5	16.4	7/16	13.8	100
SPC 3/16-N2	3/16		NPT1/4	27.2	10.5		9/16	21.8	100
SPC 1/4-N1	1/4	12.7	NPT1/8	29.7	8.5	17.4	1/2	14.8	100
SPC 1/4-N2	1/4		NPT1/4	29.7	10.5		9/16	22.8	50
SPC 5/16-N1	5/16		NPT1/8	33.3	8.5		9/16	18.7	50
SPC 5/16-N2	5/16	14.0	NPT1/4	33.3	10.5	18.6	9/16	17.7	50
SPC 5/16-N3	5/16		NPT3/8	33.3	11.5		11/16	37.7	50
SPC 3/8-N2	3/8		NPT1/4	36.4	10.5		11/16	29.4	50
SPC 3/8-N3	3/8	16.7	NPT3/8	37.6	11.5	20.3	11/16	36.4	50
SPC 3/8-N4	3/8		NPT1/2	38.4	14.5		7/8	59.4	50
SPC 1/2-N3	1/2	20.6	NPT3/8	45.0	11.5	23.0	7/8	62.1	25
SPC 1/2-N4	1/2		NPT1/2	45.0	14.5		7/8	70.1	25



METRIC-BSPP(G)

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SPC04-G01	4	10.3	G1/8	25.5	5.0	15.5	12	14.8	100
SPC06-G01	6	12.0	G1/8	27.7	5.0	17.0	12	13.8	100
SPC06-G02	6		G1/4	27.2	6.5		15	23.8	50
SPC08-G02	8	14.0	G1/4	31.9	6.5	18.6	15	22.7	50
SPC08-G03	8		G3/8	31.9	6.5		17	34.7	50
SPC10-G02	10		G1/4	34.9	6.5		17	30.5	50
SPC10-G03	10	17.0	G3/8	36.4	6.5	20.3	17	35.5	50
SPC10-G04	10		G1/2	37.4	8.0		21	57.5	50
SPC12-G02	12		G1/4	43.3	6.5		19	49.3	50
SPC12-G03	12	18.8	G3/8	43.3	6.5	22.7	21	62.3	25
SPC12-G04	12		G1/2	43.8	8.0		21	64.3	25

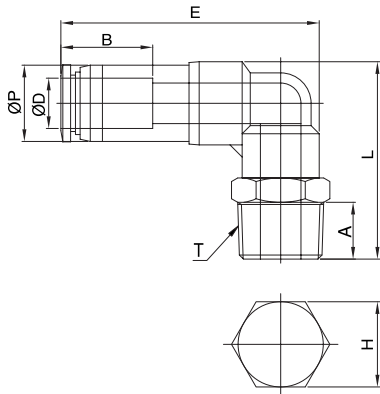


Stop Fittings



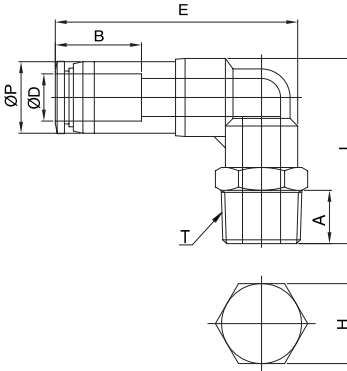
METRIC-BSPT(R)

MODEL	ØD	ØP	T	L	E	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SFL 04-M6	4	10.0	M5×0.8p	27.3	34.5	4.6	15.3	10	15.8	100
SFL 04-M6			M6×1.0p	26.9		4.1		10	15.8	100
SFL 04-01			R1/8	29.8		8.0		10	19.8	50
SFL 06-M6	6	12.0	M5×0.8p	30.3	38.9	4.6	17.0	12	19.8	50
SFL 06-01			R1/8	32.8		8.0		12	20.8	50
SFL 06-02			R1/4	35.8		10.0		14	30.8	50
SFL 08-01	8	14.0	R1/8	38.2	48.6	8.0	18.6	14	31.7	50
SFL 08-02			R1/4	41.2		10.0		14	38.7	50
SFL 10-02	10	17.0	R1/4	40.3	55.0	10.0	20.3	17	55.5	25
SFL 10-03			R3/8	41.3		11.0		17	65.5	25
SFL 10-04			R1/2	44.3		14.0		21	89.5	25
SFL 12-03	12	18.8	R3/8	45.7	63.7	11.0	22.7	19	83.3	25
SFL 12-04			R1/2	48.7		14.0		21	106.3	25



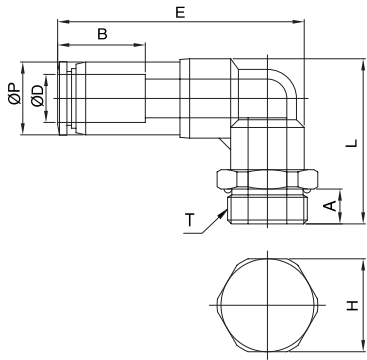
INCH-NPT

MODEL	ØD	ØP	T	L	E	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SFL 5/32-U	5/32	10.0	UNF10/32	26.7	34.5	3.5	15.3	7/16	15.8	100
SFL 5/32-N1			NPT1/8	30.3		8.5		7/16	19.8	50
SFL 3/16-U	3/16	11.0	UNF10/32	27.2	35.4	3.5	16.4	7/16	19.8	100
SFL 3/16-N1			NPT1/8	30.8		8.5		7/16	20.8	50
SFL 3/16-N2			NPT1/4	33.8		10.5		9/16	30.8	50
SFL 1/4-U	1/4	12.6	UNF10/32	32.4	39.2	3.5	17.4	1/2	22.8	100
SFL 1/4-N1			NPT1/8	34.3		8.5		1/2	24.8	50
SFL 1/4-N2			NPT1/4	37.2		10.5		9/16	31.8	50
SFL 5/16-N1	5/16	14.0	NPT1/8	36.7	49.6	8.5	18.6	9/16	29.7	50
SFL 5/16-N2			NPT1/4	38.7		10.5		9/16	36.7	50
SFL 5/16-N3			NPT3/8	39.7		11.5		11/16	47.7	50
SFL 3/8-N2	3/8	17.0	NPT1/4	40.8	56.8	10.5	20.3	11/16	56.4	25
SFL 3/8-N3			NPT3/8	41.8		11.5		11/16	66.4	25
SFL 3/8-N4			NPT1/2	44.8		14.5		7/8	76.4	25
SFL 1/2-N3	1/2	20.0	NPT3/8	47.0	65.8	11.5	23.0	3/4	82.1	25
SFL 1/2-N4			NPT1/2	50.0		14.5		7/8	103.1	25



METRIC-BSPP(G)

MODEL	ØD	ØP	T	L	E	A	B	H(Hex)	WEIGHT(g)	BOX(EA.)
SPL04-G01	4	10.0	G1/8	26.8	34.5	5.0	15.3	14	18.8	100
SPL06-G01	6	12.0	G1/8	29.8	38.9	5.0	17.0	14	22.8	100
SPL06-G02			G1/4	31.8	38.9	6.5		17	29.8	50
SPL08-G02	8	14.0	G1/4	37.2	48.6	6.5	18.6	17	37.7	50
SPL08-G03			G3/8	36.7	48.6	6.5		20	41.7	50
SPL10-G02	10	17.0	G1/4	31.8	55.0	6.5	20.3	17	49.5	50
SPL10-G03			G3/8	35.8	55.0	6.5		20	56.5	50
SPL10-G04			G1/2	37.3	55.0	8.0		24	68.5	25
SPL12-G03	12	18.8	G3/8	40.2	63.7	6.5	22.7	20	71.3	25
SPL12-G04			G1/2	41.7	63.7	8.0		24	84.3	25



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