Compact Fittings



Features

* Ultra-compact design, ideal for small equipment and installations in confined spaces.
* Compact body and reduced outside diameter while maintaining the same flow performance as standard fittings.
* Nickel-plated finish for superior corrosion resistance.
* Oval-shaped release sleeve enables easy tube handling, even in tight spaces.
* One-touch tube insertion ensures quick and secure connection.
* Threaded ports are fitted with both a gasket and an O-ring to ensure excellent sealing performance

How to order

TPL 04 - 01 S C

1 2 3 4

1 Model

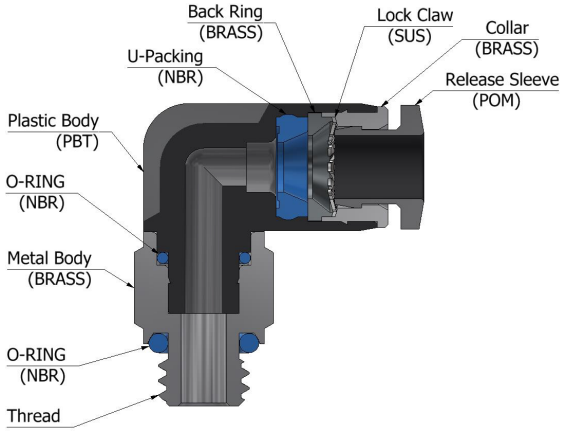
2 Applicable Tube O. D.
04 : Ø4
06 : Ø6

3 Port Size
M3 : M3 x 0.5
M5 : M5 x 0.8

Standard Specifications

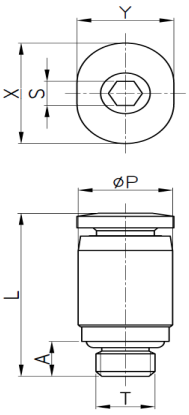
Fluid	Air
Working pressure	0~150psi (0~9.9kgf/㎠) * In combination with the applied tube, it is based on the maximum operating pressure of the tube
Working temperature	0~60 ℃
Applicable tube O.D.	Ø4, Ø6

Structure



TPOC

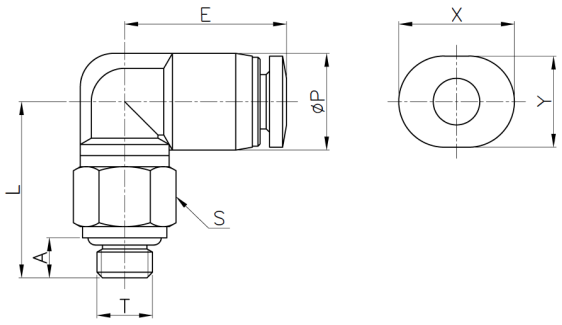




MODEL	øD	øP	T	L	A	B	H (Hex)	X	Y
TPOC 06-M5C	6	10.0	M5*0.8p	18.6	3.6	12.7	2.5	12.4	10.2

TPL

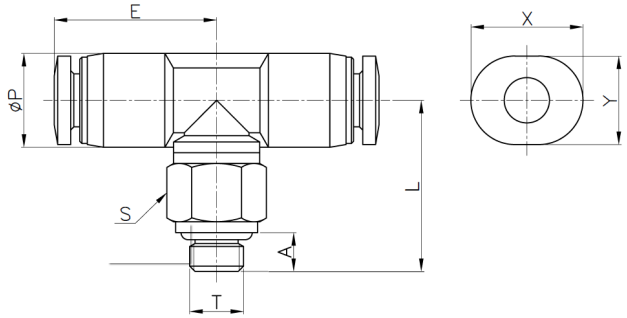




MODEL	øP	T	L	E	A	S (Hex)	X	Y
TPL 04-M3C	8.7	M3*0.5p	15.3	14.6	3.0	8	10.4	8.2
TPL 04-M5C	8.7	M5*0.8p	15.9	14.6	3.6	8	10.4	8.2
TPL 06-M5C	10.8	M5*0.8p	16.9	15.5	3.6	8	12.4	10.2

TPT

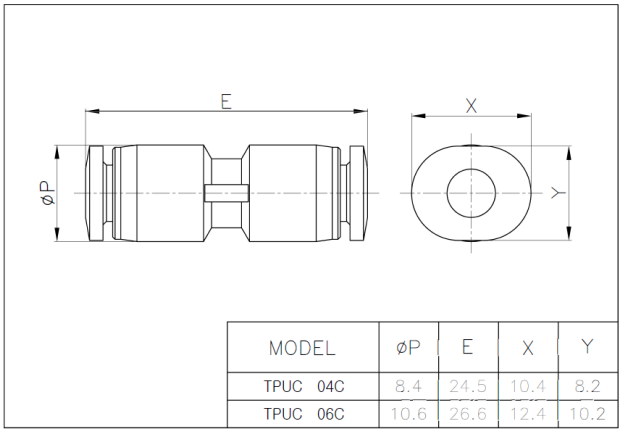




MODEL	øP	T	L	E	A	S (Hex)	X	Y
TPT 06-M5C	10.8	M5*0.8p	16.9	16.0	3.6	8	12.4	10.2

TPUC

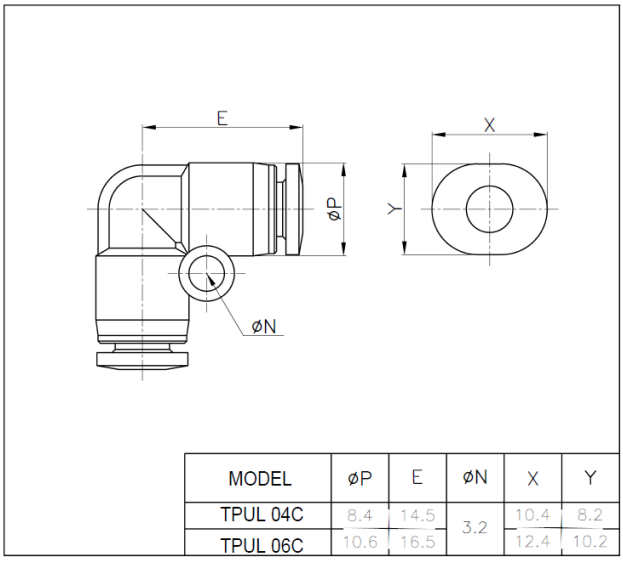




MODEL	øP	E	X	Y
TPUC 04C	8.4	24.5	10.4	8.2
TPUC 06C	10.6	26.6	12.4	10.2

TPUL

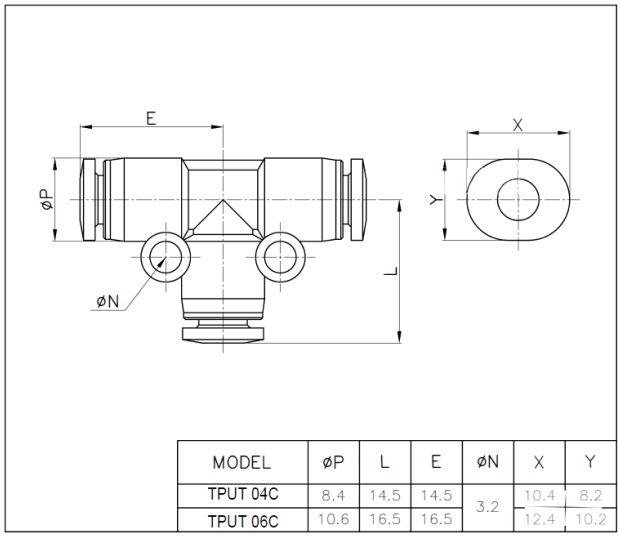




MODEL	øP	E	øN	X	Y
TPUL 04C	8.4	14.5	3.2	10.4	8.2
TPUL 06C	10.6	16.5		12.4	10.2

TPUT

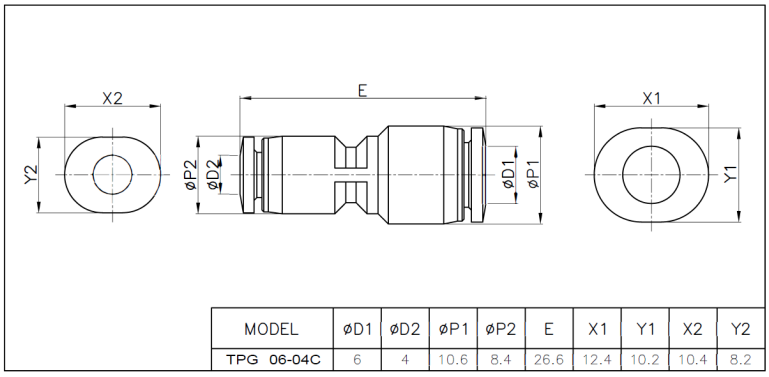




MODEL	øP	L	E	øN	X	Y
TPUT 04C	8.4	14.5	14.5	3.2	10.4	8.2
TPUT 06C	10.6	16.5	16.5		12.4	10.2

TPG

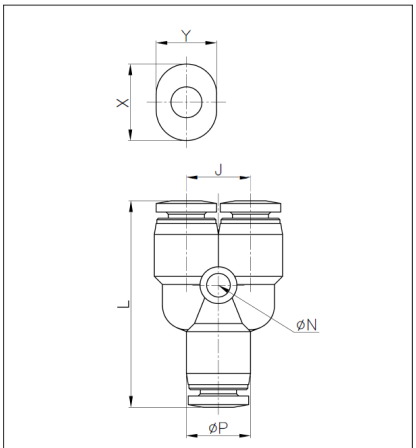




MODEL	øD1	øD2	øP1	øP2	E	X1	Y1	X2	Y2
TPG 06-04C	6	4	10.6	8.4	26.6	12.4	10.2	10.4	8.2

TPY

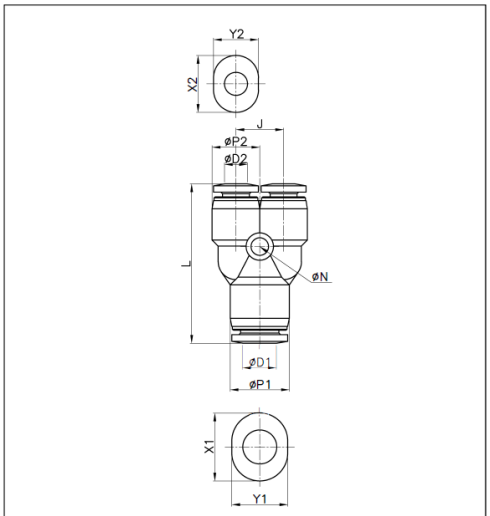




MODEL	øP	L	J	øN	X	Y
TPY 06C	10.8	30.6	10.8	3.2	12.4	10.2

TPW

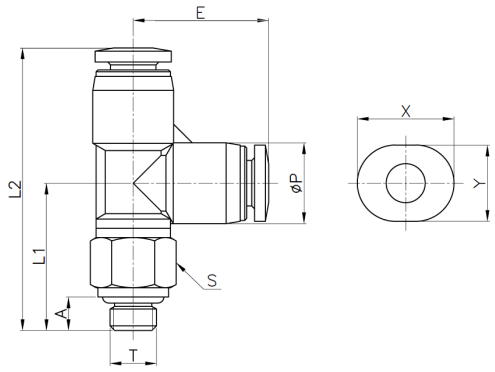




MODEL	øD1	øD2	øP1	øP2	L	J	øN	X1	Y1	X2	Y2
TPW 06-04C	6	4	10.8	8.7	29.1	8.7	3.2	12.4	10.2	10.4	8.2

TPST





MODEL	øP	T	L1	L2	E	A	S (Hex)	X	Y
TPST04-M3C	8.7	M3*0.5p	15.3	29.8	14.6	3.0	8	10.4	8.2
TPST06-M5C	10.8	M5*0.8p	16.9	33.4	16.5	3.6	8	12.4	10.2

TSC SERIES

Speed Controller

TSC Series



Features

- This valve is used for speed control and residual pressure release.
- Fine flow adjustment enables easy and precise flow control.
- It ensures consistent speed control

Order No.

TSC – 4 – M5 – S

① ② ③

Size Ø	Thread Size	Sealant
TSC4 : Ø4	M5: M5x8	Blank: No sealant
TSC6 : Ø6	M6: M6x1.0	S: Sealant
TSC8 : Ø8	01 : Rc1/8	
TSC10 : Ø10	02 : Rc1/4	
TSC12 : Ø12	03 : Rc3/8	
	04 : Rc1/2	

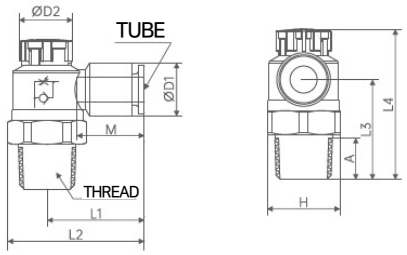
Standard Specifications

Fluid	Air
Working pressure	0~150 psi (0~9.9 kgf/㎠) * In combination with the applied tube, it is based on the maximum operating pressure of the tube.
Working temperature	0~60 °C
Applicable tube O.D.	Ø4, Ø6, Ø8, Ø10, Ø12

TSC SERIES

Speed Controller

Dimension



Tube O.D.	Thread	Model	H	ØD1	ØD2	L1	L2	L3	L4		A	M	Weight (g)
									Max.	Min.			
Ø4	M5×0.8	TSC4-M5	9	8.7	9.4	17.5	22.3	17.2	27	26	3.5	12	5.6
Ø6	M5×0.8	TSC6-M5	9	10.7	9.4	19.4	24.2	17.2	27	26	3.5	13	6
Ø4	M6×1.0	TSC4-M6	9	8.7	9.4	17.5	22.3	17.2	27	26	4	12	5.8
Ø6	M6×1.0	TSC6-M6	9	10.7	9.4	19.4	24.2	17.6	27	27	4	13	6.2
Ø4	1/8	TSC4-01	13	10.7	12	21.5	28.7	18.5	31	29	7.5	15	10.2
Ø6	1/8	TSC6-01	13	12.7	12	23	30.2	18.5	31	29	7.5	16	10.6
Ø8	1/8	TSC8-01	13	14.7	12	25.6	32.8	18.5	31	29	7.5	18	11.7
Ø10	1/8	TSC10-01	13	17.8	12	29.2	36.4	18.5	31	29	7.5	20	13.8
Ø4	1/4	TSC4-02	17	12.7	13	22.5	31.8	22.5	37	35	9.7	15	19.9
Ø6	1/4	TSC6-02	17	12.7	13	22.5	31.8	22.5	37	35	9.7	16	19.1
Ø8	1/4	TSC8-02	17	14.7	13	26.5	35.8	22.9	37	35	9.7	18	20.4
Ø10	1/4	TSC10-02	17	17.8	13	30.6	39.9	22.8	37	35	9.7	20	22.4
Ø12	1/4	TSC12-02	17	20.4	13	32.1	41.4	23.5	37	35	9.7	20	24.5
Ø6	3/8	TSC6-03	19	14.7	16.5	28.3	38.6	28	42	41	11	16	32
Ø8	3/8	TSC8-03	19	14.7	16.5	28.6	38.9	28	42	41	11	18	32.3
Ø10	3/8	TSC10-03	19	17.8	16.5	31	41.3	28	42	41	11	20	34
Ø12	3/8	TSC12-03	19	20.4	16.5	30	40.3	28.5	42	41	11	20	35.9
Ø6	1/2	TSC6-04	24	14.7	18.7	29.3	42.1	37.5	51	49	14.3	16	55.5
Ø8	1/2	TSC8-04	24	14.7	18.7	27.8	40.6	37.6	51	49	14.3	18	53.4
Ø10	1/2	TSC10-04	24	17.8	18.7	30.2	43	37.5	51	49	14.3	20	54.8
Ø12	1/2	TSC12-04	24	20.4	18.7	34.2	47	37.5	51	49	14.3	20	56.3