



Fittings, stainless steel series

# ZW Series

- Port size: M5 to R1/2
- Compatible tube:  $\varnothing 4$  to  $\varnothing 12$

Pneumatic, Vacuum and Auxiliary Components  
Catalog No. CB-024SA



## Specifications

Item	ZW
Working fluid	Compressed air
Max. working pressure MPa	1.0
Negative pressure KPa	-100 *2
Ambient temperature °C	-10 to 60 (no freezing)
Tube used	Soft nylon tube (F-15**)
	Urethane tube (U-92**, U-95**, NU-**) *1

\*1: Refer to "Pneumatic, Vacuum and Auxiliary Components" (catalog No. CB-024SA) for tube dimensions, ambient temperature and working pressure.  
\*2: Use an insert ring when using urethane tube (U-92\*\*, U-95\*\*, NU-\*\*) under vacuum pressure. (This is a made-to-order product. Contact CKD regarding details.)

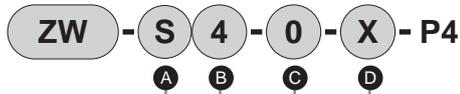
## Compatibility table by variation

	ZW
Port size	$\varnothing 4, \varnothing 6, \varnothing 8, \varnothing 10, \varnothing 12$
P4	●

●: Applicable models ○: Semi-applicable models ▲: Contact CKD for details. □: Not applicable

## How to order

\* Refer to Pneumatic, Vacuum and Auxiliary Components (CB-024SA) for model combinations.

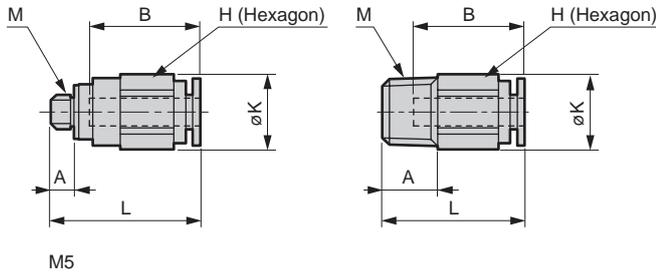


A Shape		B Compatible tube O.D.		C Port size		D Other combinations	
S	Straight	4	$\varnothing 4$	M5	M 5 x 0.8	D	D type
L	Elbow	6	$\varnothing 6$	6	R 1/8	X	Bulkhead
T	Tee	8	$\varnothing 8$	8	R 1/4	Note: Sales unit is one piece.	
TR	Tetrapod	10	$\varnothing 10$	10	R 3/8		
Y	Y tee	44	$\varnothing 4/\varnothing 4$	15	R 1/2		
FY	FY	46	$\varnothing 4/\varnothing 6$	0	No thread		
WY	Double Y	48	$\varnothing 4/\varnothing 8$	4P	Plug for $\varnothing 4$		
C	Cap	64	$\varnothing 6/\varnothing 4$	6P	Plug for $\varnothing 6$		
MF	Manifold	66	$\varnothing 6/\varnothing 6$	8P	Plug for $\varnothing 8$		
		68	$\varnothing 6/\varnothing 8$	10P	Plug for $\varnothing 10$		
		610	$\varnothing 6/\varnothing 10$	12P	Plug for $\varnothing 12$		
		86	$\varnothing 8/\varnothing 6$				
		88	$\varnothing 8/\varnothing 8$				
		810	$\varnothing 8/\varnothing 10$				
		108	$\varnothing 10/\varnothing 8$				
		1010	$\varnothing 10/\varnothing 10$				
		1012	$\varnothing 10/\varnothing 12$				
		1210	$\varnothing 12/\varnothing 10$				
		1212	$\varnothing 12/\varnothing 12$				

### Dimensions: Single straight/bulkhead/straight/different diameter straight

#### Single straight

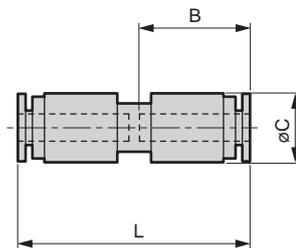
● ZW-S□-□-P4



Model No.	Compatible tube O.D. ø	M	H	K	L	A	B	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-S 4-M5-P4	4	M5 x 0.8	10	11	21.5	3.4	16	2.5	4
ZW-S 4- 6-P4		R 1/8	10	11	20.5	8	16	2.5	4
ZW-S 4- 8-P4		R 1/4	14	15.8	19.5	11	16	2.5	4
ZW-S 6-M5-P4	6	M5 x 0.8	12	13.5	23	3.4	17.5	2.5	4.4
ZW-S 6- 6-P4		R 1/8	12	13.5	23	8	17.5	4	10.3
ZW-S 6- 8-P4		R 1/4	14	15.8	23.5	11	17.5	4	10.3
ZW-S 6-10-P4	R 3/8	17	19.1	21.5	12	17.5	4	10.3	
ZW-S 8- 6-P4	8	R 1/8	14	15.8	28	8	19	5	17.5
ZW-S 8- 8-P4		R 1/4	14	15.8	27	11	19	6	22.4
ZW-S 8-10-P4		R 3/8	17	19.1	22.5	12	19	6	22.4
ZW-S10- 6-P4	10	R 1/8	17	19.1	31	8	21.5	5	17.5
ZW-S10- 8-P4		R 1/4	17	19.1	32.5	11	21.5	8	30.5
ZW-S10-10-P4		R 3/8	17	19.1	28.5	12	21.5	8	30.5
ZW-S10-15-P4	R 1/2	22	24	26.5	15	21.5	8	30.5	
ZW-S12- 8-P4	12	R 1/4	19	21.4	35.5	11	23	8	35.5
ZW-S12-10-P4		R 3/8	19	21.4	30.5	12	23	10	40
ZW-S12-15-P4		R 1/2	22	24	29.5	15	23	10	40

#### Straight

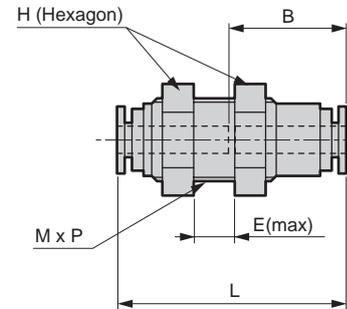
● ZW-S□-0-P4



Model No.	Compatible tube O.D. ø	L	B	C	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-S 6-0-P4	6	36.5	17.5	12.5	4	10
ZW-S 8-0-P4	8	39.5	19	14.5	6	22
ZW-S10-0-P4	10	45	21.5	17.5	8	30
ZW-S12-0-P4	12	47.5	23	20	10	35

#### Bulkhead

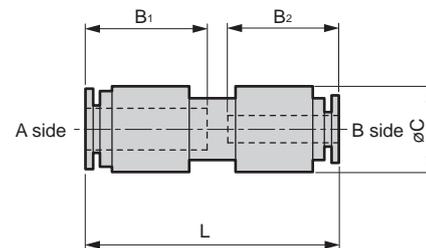
● ZW-S□-□-X-P4



Model No.	Compatible tube O.D. ø	H	L	B	E	MXP	Mounting Hole diameter	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-S 4-0-X-P4	4	14	33	16	7.5	M 12 x 1	13	2.5	4
ZW-S 6-0-X-P4	6	17	36	17.5	9.5	M 14 x 1	15	4	10
ZW-S 8-0-X-P4	8	19	39	19	12.5	M 16 x 1	17	6	22
ZW-S10-0-X-P4	10	23	44.5	21.5	18	M 20 x 1	21	8	30
ZW-S12-0-X-P4	12	26	47	23	20.5	M 22 x 1	23	9	35

#### Different diameter straight

● ZW-S□-0-P4



Model No.	Compatible tube O.D. ø		L	B <sub>1</sub>	B <sub>2</sub>	C	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
	A side	B side						
ZW-S 46-0-P4	6	4	36.5	17.5	16	12.5	2.5	4
ZW-S 68-0-P4	8	6	39.5	19	17.5	14.5	4	10
ZW-S 810-0-P4	10	8	45	21.5	19	17.5	6	22
ZW-S1012-0-P4	12	10	47.5	23	21.5	20	8	30

**P4**  
Series

Pneumatic actuator  
Hand/Chuck  
Related products  
Cylinder  
Switch

Vacuum components  
Pneumatic valves

Clean air components  
controller  
Speed  
Fitting  
Auxiliary valve  
Silencer  
Tube

Gas generator  
Fluid control components

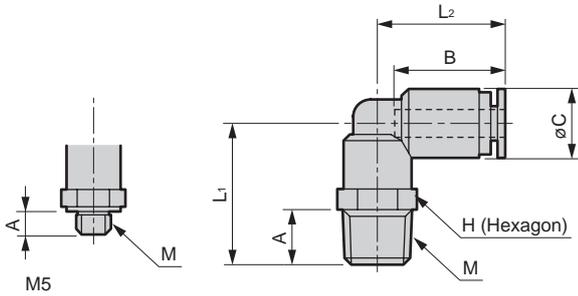
Motor  
Motorless  
Electric actuator  
specification

## Dimensions: Single elbow/elbow/double tee/D tee

P4 Series

### Single elbow

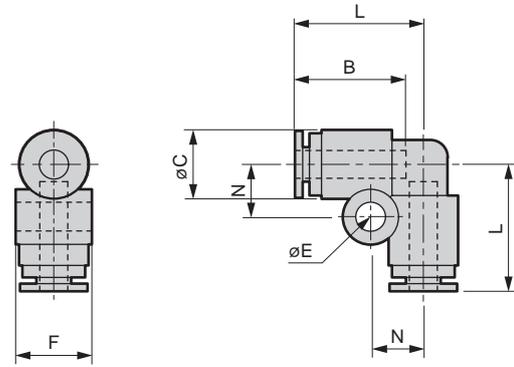
● ZW-L□-□-P4



Model No.	Compatible tube O.D. ø	M	H	L <sub>1</sub>	L <sub>2</sub>	A	B	C	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-L 4-M5-P4	4	M5x0.8	8	15	18	3.4	16	10	2.5	3.2
ZW-L 4-6-P4	4	R 1/8	10	20.5	18.5	8	16	10	2.5	3.2
ZW-L 4-8-P4		R 1/4	14	24	18.5	11	16	10	2.5	3.2
ZW-L 6-M5-P4	6	M5x0.8	10	15	20	3.4	17.5	12.5	2.5	4.2
ZW-L 6-6-P4		R 1/8	12	24	21	8	17.5	12.5	4	8
ZW-L 6-8-P4		R 1/4	14	27.5	21	11	17.5	12.5	4	8
ZW-L 6-10-P4	6	R 3/8	17	29	21	12	17.5	12.5	4	8
ZW-L 8-6-P4		R 1/8	14	25.5	23.5	8	19	14.5	6	18
ZW-L 8-8-P4	8	R 1/4	14	28.5	23.5	11	19	14.5	6	18
ZW-L 8-10-P4		R 3/8	17	30	23.5	12	19	14.5	6	18
ZW-L 10-6-P4	10	R 1/8	17	28	27	8	21.5	17.5	6.5	24.3
ZW-L 10-8-P4		R 1/4	17	31	27	11	21.5	17.5	8	27
ZW-L 10-10-P4		R 3/8	17	32.5	27	12	21.5	17.5	8	27
ZW-L 10-15-P4	10	R 1/2	22	35.5	27	15	21.5	17.5	8	27
ZW-L 12-8-P4		R 1/4	19	33	29.5	11	23	20	8.5	33
ZW-L 12-10-P4	12	R 3/8	19	34.5	29.5	12	23	20	9	35
ZW-L 12-15-P4		R 1/2	22	37.5	29.5	15	23	20	9	35.5

### Elbow

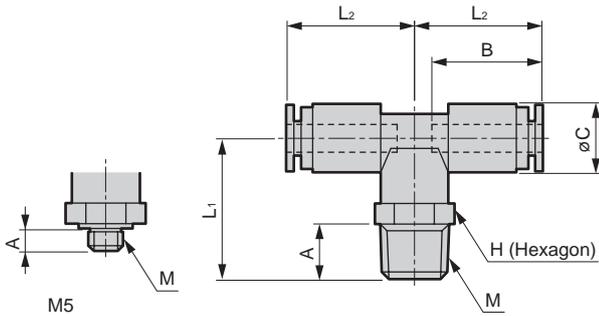
● ZW-L□-0-P4



Model No.	Compatible tube O.D. ø	L	B	C	N	E	F	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-L 4-0-P4	4	18.5	16	10	7.5	4.2	11	2.5	3
ZW-L 6-0-P4	6	21	17.5	12.5	8.5	4.2	13.5	4	7.5
ZW-L 8-0-P4	8	23.5	19	14.5	9.5	4.2	15.5	6	17
ZW-L 10-0-P4	10	27	21.5	17.5	11	4.2	18.5	8	25.5
ZW-L 12-0-P4	12	29.5	23	20	12	4.2	21	10	34

### Double tee

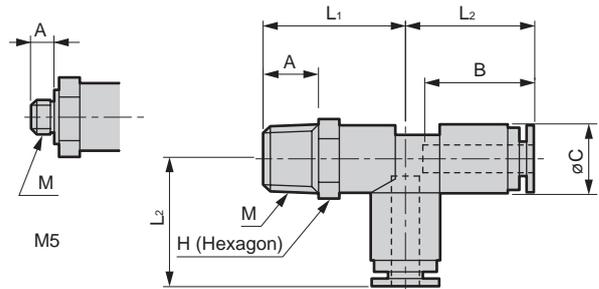
● ZW-T□-□-P4



Model No.	Compatible tube O.D. ø	M	H	L <sub>1</sub>	L <sub>2</sub>	A	B	C	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-T 4-M5-P4	4	M5x0.8	10	16.5	18.5	3.4	16	10	2.5	4.3
ZW-T 4-6-P4		R 1/8	10	20.5	18.5	8	16	10	2.5	4.3
ZW-T 4-8-P4		R 1/4	14	24	18.5	11	16	10	2.5	4.3
ZW-T 6-M5-P4	6	M5x0.8	12	20	21	3.4	17.5	12.5	2.5	4.3
ZW-T 6-6-P4		R 1/8	12	24	21	8	17.5	12.5	4	10.5
ZW-T 6-8-P4		R 1/4	14	27.5	21	11	17.5	12.5	4	10.5
ZW-T 6-10-P4	6	R 3/8	17	29	21	12	17.5	12.5	4	10.5
ZW-T 8-6-P4		R 1/8	14	25.5	23.5	8	19	14.5	6	23.5
ZW-T 8-8-P4	8	R 1/4	14	28.5	23.5	11	19	14.5	6	23.5
ZW-T 8-10-P4		R 3/8	17	30	23.5	12	19	14.5	6	23.5
ZW-T 10-8-P4	10	R 1/4	17	31	27	11	21.5	17.5	8	33.5
ZW-T 10-10-P4		R 3/8	17	32.5	27	12	21.5	17.5	8	33.5
ZW-T 10-15-P4		R 1/2	22	35.5	27	15	21.5	17.5	8	33.5
ZW-T 12-8-P4	12	R 1/4	19	33	29.5	11	23	20	8.5	37
ZW-T 12-10-P4		R 3/8	19	34.5	29.5	12	23	20	9	41
ZW-T 12-15-P4		R 1/2	22	37.5	29.5	15	23	20	9	41

### D tee

● ZW-T□-□-D-P4

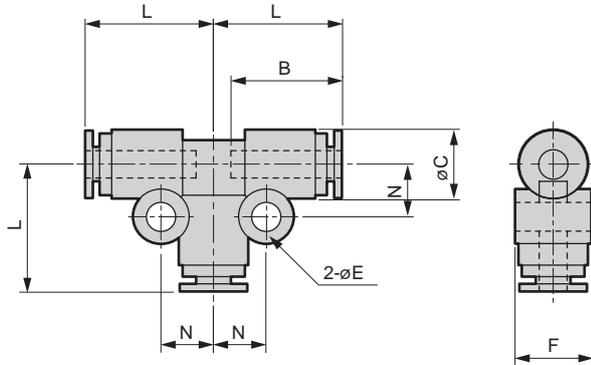


Model No.	Compatible tube O.D. ø	M	H	L <sub>1</sub>	L <sub>2</sub>	A	B	C	Min. hole diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-T 4-M5-D-P4	4	M5x0.8	10	16.5	18.5	3.4	16	10	2.5	4.3
ZW-T 4-6-D-P4		R 1/8	10	20.5	18.5	8	16	10	2.5	4.3
ZW-T 4-8-D-P4		R 1/4	14	24	18.5	11	16	10	2.5	4.3
ZW-T 6-M5-D-P4	6	M5x0.8	12	19.5	21	3.4	17.5	12.5	2.5	4.3
ZW-T 6-6-D-P4		R 1/8	12	24	21	8	17.5	12.5	4	10.5
ZW-T 6-8-D-P4		R 1/4	14	27.5	21	11	17.5	12.5	4	10.5
ZW-T 6-10-D-P4	6	R 3/8	17	29	21	12	17.5	12.5	4	10.5
ZW-T 8-6-D-P4		R 1/8	14	25.5	23.5	8	19	14.5	6	23.5
ZW-T 8-8-D-P4	8	R 1/4	14	28.5	23.5	11	19	14.5	6	23.5
ZW-T 8-10-D-P4		R 3/8	17	30	23.5	12	19	14.5	6	23.5
ZW-T 10-8-D-P4	10	R 1/4	17	31	27	11	21.5	17.5	8	33.5
ZW-T 10-10-D-P4		R 3/8	17	32.5	27	12	21.5	17.5	8	33.5
ZW-T 10-15-D-P4		R 1/2	22	35.5	27	15	21.5	17.5	8	33.5
ZW-T 12-8-D-P4	12	R 1/4	19	33	29.5	11	23	20	8.5	37
ZW-T 12-10-D-P4		R 3/8	19	34.5	29.5	12	23	20	9	41
ZW-T 12-15-D-P4		R 1/2	22	37.5	29.5	15	23	20	9	41

### Dimensions: Tee/different diameter tee/Y tee/double Y tee

#### Tee

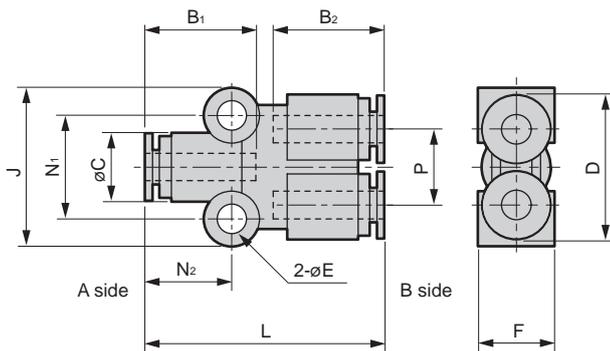
- ZW-T□-0-P4



Model No.	Compatible tube O.D. ø		L	B	C	E	F	N	Min. Hole diameter	Effective cross-sectional area mm <sup>2</sup>
	A side	B side								
ZW-T 4-0-P4	4	18.5	16	10	4.2	11	7.5	2.5	3.6	
ZW-T 6-0-P4	6	21	17.5	12.5	4.2	13.5	8.5	4	9.7	
ZW-T 8-0-P4	8	23.5	19	14.5	4.2	15.5	9.5	6	22	
ZW-T10-0-P4	10	27	21.5	17.5	4.2	18.5	11	8	30	
ZW-T12-0-P4	12	29.5	23	20	4.2	21	12	10	35.5	

#### Y tee

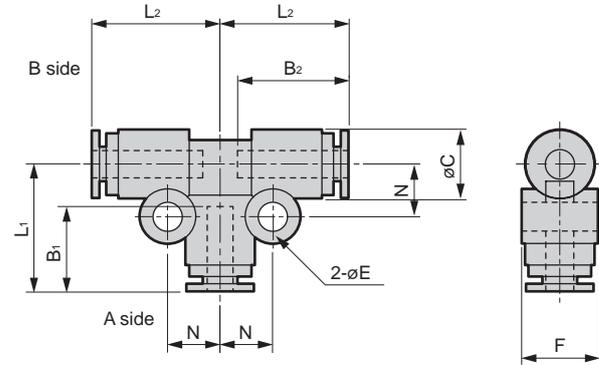
- ZW-Y□-0-P4



Model No.	Compatible tube O.D. ø		L	B <sub>1</sub>	B <sub>2</sub>	C	D	E	F	J	N <sub>1</sub>	N <sub>2</sub>	P	Effective cross-sectional area mm <sup>2</sup>
	A side	B side												
ZW-Y 44-0-P4	4	4	34.5	16	16	10	21	4.2	11	23	15	12.5	11	3.6
ZW-Y 66-0-P4	6	6	37.5	17.5	17.5	12.5	26	4.2	13.5	25.5	17.5	14	13.5	10.5
ZW-Y 88-0-P4	8	8	40.5	19	19	14.5	30	4.2	15.5	27	19	15	15.5	23
ZW-Y1010-0-P4	10	10	48	21.5	21.5	17.5	36	4.2	18.5	30	22	18	18.5	38
ZW-Y1212-0-P4	12	12	53	23	23	20	41	4.2	21	32	24	19.5	21	50
ZW-Y 64-0-P4	6	4	37.5	17.5	16	12.5	26	4.2	13.5	25.5	17.5	14	13.5	5.4
ZW-Y 86-0-P4	8	6	40.5	19	17.5	14.5	30	4.2	15.5	27	19	15	15.5	14.3
ZW-Y 108-0-P4	10	8	48	21.5	19	17.5	36	4.2	18.5	30	22	18	18.5	21.1
ZW-Y1210-0-P4	12	10	53	23	21.5	20	41	4.2	21	32	24	19.5	21	35.5

#### Different diameter tee

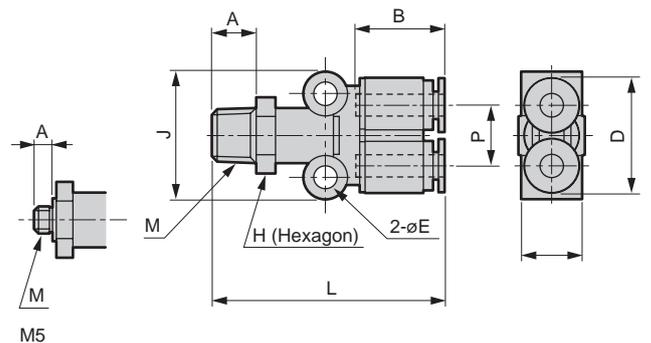
- ZW-T□-0-P4



Model No.	Compatible tube O.D. ø		L <sub>1</sub>	L <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	C	E	F	N	Min. Hole diameter	Effective cross-sectional area mm <sup>2</sup>
	A side	B side										
ZW-T 46-0-P4	4	6	21	21	16	17.5	12.5	4.2	13.5	8.5	2.5	3.6
ZW-T 68-0-P4	6	8	23.5	23.5	17.5	19	14.5	4.2	15.5	9.5	4	9.7
ZW-T 810-0-P4	8	10	27.5	27	19	21.5	17.5	4.2	18.5	11	6	22
ZW-T1012-0-P4	10	12	29.5	29.5	21.5	23	20	4.2	21	12	8	30

#### Double Y tee

- ZW-Y□-□-0-P4



Model No.	Compatible tube O.D. ø	M	H	L	A	B	D	E	F	J	P	Effective cross-sectional area mm <sup>2</sup>
ZW-Y 4-6-P4	4	R 1/8	12	42	8	16	21	4.2	11	23	11	5.5
ZW-Y 4-8-P4		R 1/4	14	45.5	11	16	21	4.2	11	23	11	5.5
ZW-Y 6-M5-P4	6	M5x0.8	14	41	3.4	17.5	26	4.2	13.5	25.5	13.5	4.5
ZW-Y 6-6-P4		R 1/8	14	46	8	17.5	26	4.2	13.5	25.5	13.5	17.5
ZW-Y 6-8-P4		R 1/4	14	49	11	17.5	26	4.2	13.5	25.5	13.5	17.5
ZW-Y 6-10-P4	6	R 3/8	17	50.5	12	17.5	26	4.2	13.5	25.5	13.5	17.5
ZW-Y 8-6-P4		R 1/8	17	49	8	19	30	4.2	15.5	27	15.5	25.5
ZW-Y 8-8-P4	8	R 1/4	17	52	11	19	30	4.2	15.5	27	15.5	25.5
ZW-Y 8-10-P4		R 3/8	17	53.5	12	19	30	4.2	15.5	27	15.5	25.5
ZW-Y10-8-P4	10	R 1/4	19	59.5	11	21.5	36	4.2	18.5	30	18.5	35
ZW-Y10-10-P4		R 3/8	19	61	12	21.5	36	4.2	18.5	30	18.5	38.5
ZW-Y10-15-P4		R 1/2	22	64	15	21.5	36	4.2	18.5	30	18.5	38
ZW-Y12-8-P4	12	R 1/4	22	64.5	11	23	41	4.2	21	32	21	37
ZW-Y12-10-P4		R 3/8	22	66	12	23	41	4.2	21	32	21	37
ZW-Y12-15-P4		R 1/2	22	69	15	23	41	4.2	21	32	21	40.5

P4 Series

Pneumatic actuator

Pneumatic cylinders

Hand/Chuck

Related products

Cylinder Switch

Vacuum components

Pneumatic valves

Clean air components

Speed controller

Pneumatic auxiliary components

Fitting

Auxiliary valve

Silencer

Tube

Gas generator

Fluid control components

Electric actuator

Motor specifications

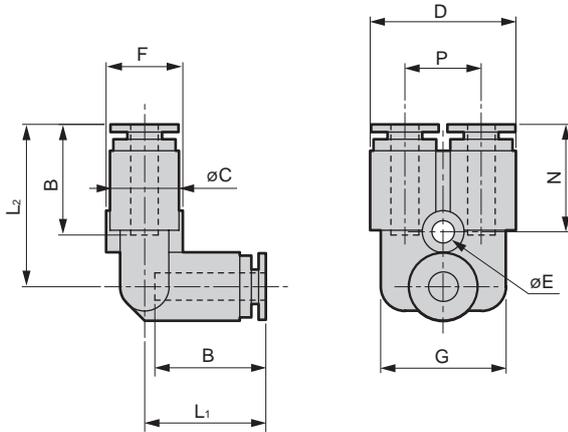
Motorless specifications



### Dimensions: FY/double Y/cap/manifold (Single/with R)

#### FY

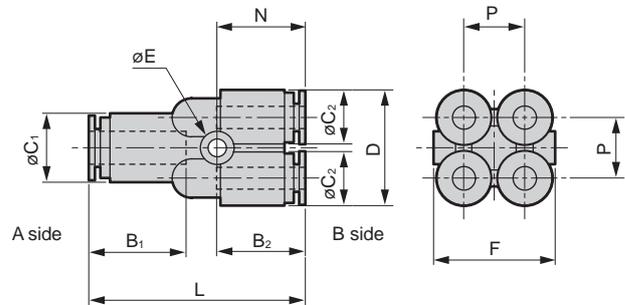
● ZW-FY□-0-P4



Model No.	Compatible tube O.D. $\phi$	L <sub>1</sub>	L <sub>2</sub>	B	C	D	E	F	G	N	P	Min. pipe diameter	Effective cross-sectional area mm <sup>2</sup>
ZW-FY 4-0-P4	4	17.5	23.5	16	10	21	3.2	11	18	15.5	11	2.5	4
ZW-FY 6-0-P4	6	19.5	27	17.5	12.5	26	4.2	13.5	22.5	17	13.5	4	10
ZW-FY 8-0-P4	8	22	29	19	14.5	30	4.2	15.5	26.5	18	15.5	6	21
ZW-FY10-0-P4	10	25.5	33	21.5	17.5	36	4.2	18.5	31.5	20	18.5	8	29
ZW-FY12-0-P4	12	28	35.5	23	20	41	4.2	21	37	21.5	21	10	35.5

#### Double Y

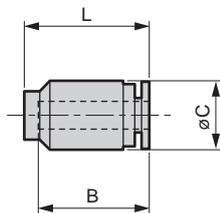
● ZW-WY□-0-P4



Model No.	Compatible tube O.D. $\phi$		L	B <sub>1</sub>	B <sub>2</sub>	C <sub>1</sub>	C <sub>2</sub>	D	E	F	N	P	Effective cross-sectional area mm <sup>2</sup>
	A side	B side											
ZW-WY64-0-P4	6	4	39	17.5	16	12.5	10	21	3.2	22	15.5	11	9
ZW-WY86-0-P4	8	6	43	19	17.5	14.5	12.5	26	3.2	27	17	13.5	22

#### Cap

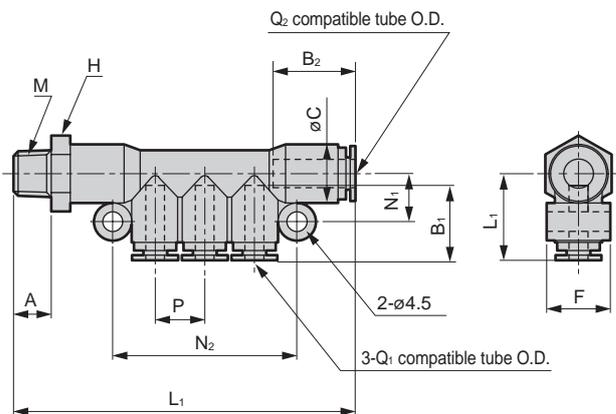
● ZW-C□-P4



Model No.	Compatible tube O.D. $\phi$	B	$\phi$ C	L
ZW-C 4-P4	4	16	10	18
ZW-C 6-P4	6	17.5	12.5	19.5
ZW-C 8-P4	8	19	14.5	21
ZW-C10-P4	10	21.5	17.5	24
ZW-C12-P4	12	23	20	26

#### Manifold (single/with R)

● ZW-MF□-□-P4



Model No.	Compatible tube O.D. $\phi$		M	H	L <sub>1</sub>	L <sub>2</sub>	A	B <sub>1</sub>	B <sub>2</sub>	C	F	N <sub>1</sub>	N <sub>2</sub>	P	Effective cross-sectional area mm <sup>2</sup>
	Q <sub>1</sub>	Q <sub>2</sub>													
ZW-MF 46-6-P4	4	6	R 1/8	14	72.5	18.5	8	16	17.5	12.5	13.5	10.5	39	10.5	8.3
ZW-MF 48-8-P4	4	8	R 1/4	17	77.5	19.5	11	16	19	14.5	15.5	11.5	39	10.5	24.2
ZW-MF 68-8-P4	6	8	R 1/4	17	84.5	21	11	17.5	19	14.5	15.5	11.5	46.5	13	24.2
ZW-MF810-10-P4	8	10	R 3/8	19	97.5	23.5	12	19	21.5	17.5	18.5	13	52.5	15	35.5

P4 Series

Pneumatic actuator  
Pneumatic cylinders  
Hand/Chuck  
Related products  
Cylinder Switch

Vacuum components

Pneumatic valves

Clean air components  
Speed controllers

Pneumatic auxiliary components  
Fitting  
Auxiliary valve

Silencer  
Tube

Gas generator

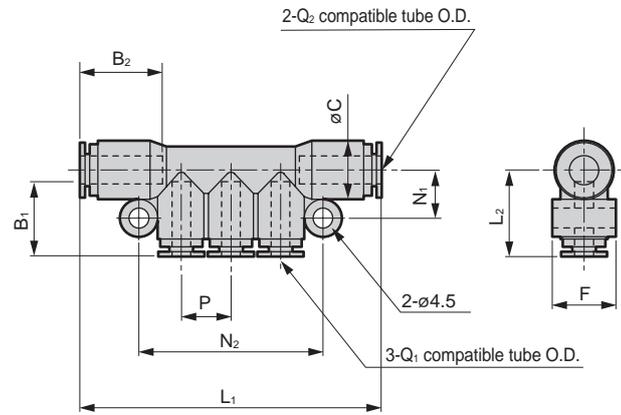
Fluid control components

Electric actuator  
Motor  
Motorless specifications

## Dimensions: Manifold (Single)/Plug reducer

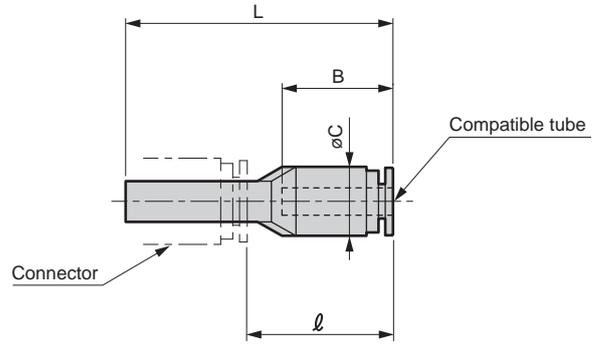
### Manifold (single)

● ZW-MF□-0-P4



### Plug reducer

● ZW-S□-□P-P4

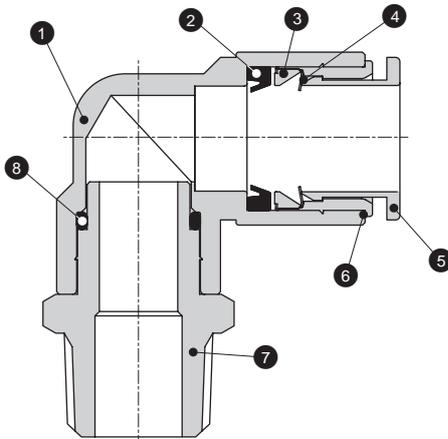


Model No.	Compatible tube O.D. $\phi$		$L_1$	$L_2$	$B_1$	$B_2$	$C$	$F$	$N_1$	$N_2$	$P$	Effective cross-sectional area mm <sup>2</sup>
	Q1	Q2										
ZW-MF 46-0-P4	4	6	64	18.5	16	17.5	12.5	13.5	10.5	39	10.5	7.9
ZW-MF 48-0-P4	4	8	66	19.5	16	19	14.5	15.5	11.5	39	10.5	22
ZW-MF 68-0-P4	6	8	73	21	17.5	19	14.5	15.5	11.5	46.5	13	22
ZW-MF610-0-P4	6	10	78.5	22	17.5	21.5	17.5	18.5	13	46.5	13	30
ZW-MF810-0-P4	8	10	84.5	23.5	19	21.5	17.5	18.5	13	52.5	15	30

Model No.	Compatible tube O.D. $\phi$	Fitting port size $\phi$	$L$	$\ell^*$	$B$	$C$	Min. bore size	Effective cross-sectional area mm <sup>2</sup>
ZW-S 4-6P-P4	4	6	38.5	21	16	10	2.3	3.5
ZW-S 4-8P-P4		8	40.4	21.5	16	10	3	5.6
ZW-S 4-10P-P4		10	42	20.5	16	12.5	3	5.6
ZW-S 6-4P-P4	6	4	42	26	17.5	12.5	2.3	3.5
ZW-S 6-8P-P4		8	41	22	17.5	12.5	4	10
ZW-S 6-10P-P4		10	42	20	17.5	12.5	4	10
ZW-S 6-12P-P4	8	12	44	21	17.5	14.5	4	10
ZW-S 8-10P-P4		10	44.5	22.5	19	14.5	6	22
ZW-S 8-12P-P4		12	44	21	19	14.5	6	22
ZW-S10-12P-P4	10	12	48	25	21.5	17.5	8	30

\* Dimensions for CKD connectors (ZW-P4 Series).

## Internal structure and parts list



Part No.	Part name	Material
1	Body *1	Stainless steel
		Polybutylene terephthalate (flame-resistant resin *2)
2	Packing	Hydrogenated nitrile rubber
3	Chuck holder	polyether sulfone
4	Chuck	Stainless steel
5	Push ring	Polybutylene terephthalate (flame-resistant resin *2)
6	Outer ring	Stainless steel
7	Drive-in nipple	Stainless steel
8	O-ring	Nitrile rubber

\*1: The body of the single straight bulkhead is stainless steel.

\*2: Equivalent to UL94 standards V-0