

Stainless steel fitting

ZW Series

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



Specifications

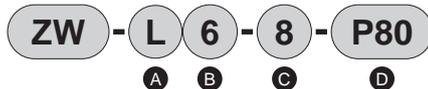
Descriptions	ZW
Working fluid	Compressed air
Max. working pressure MPa	1.0
Negative pressure kPa	-100 *2
Ambient temperature °C	-10 to 60 (no freezing)
Applicable tube	Urethane tube (U-92**, U-95**, NU-**) *1

*1: Refer to page 991 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 customized order. Contact CKD for details.)

How to order

* Refer to model No. sections on dimensions page (page 975) for combination of model No.



A Shape		B Applicable tube O.D.		C Port size		D Clean room specifications	
S	Straight	4	$\varnothing 4$	M5	M5 \times 0.8		Treatment
L	Elbow	6	$\varnothing 6$	6	R1/8	P80	Oil-prohibited
T	Tee	8	$\varnothing 8$	8	R1/4		
		10	$\varnothing 10$	10	R3/8		
		12	$\varnothing 12$	15	R1/2		
				0	No thread		

Note: Sales unit is 1 piece.

Note 1: P80 Series

- Metal material: Stainless steel
- Sealant material: Nitrile rubber (NBR)
- Without grease: Grease is not used as this is oil-prohibited specifications.
- No sealant for screw parts: PTFE resin coating is not applied.

For this reason, same product as P84 Series.

Specify as P80 Series when placing an order.

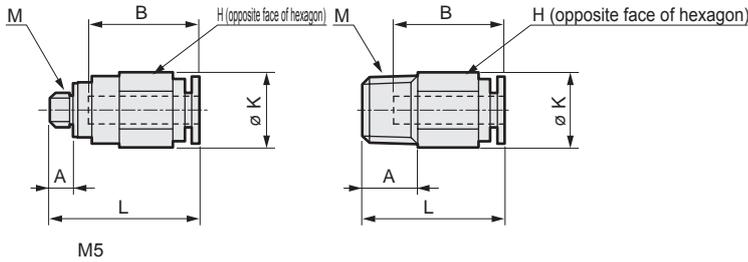
Note 2: P70/P74 Series are not set. Specify as P80 Series when placing an order.

Note 3: Color of push ring is light blue.

Dimensions

Single straight

● ZW-S □ - □ -P80

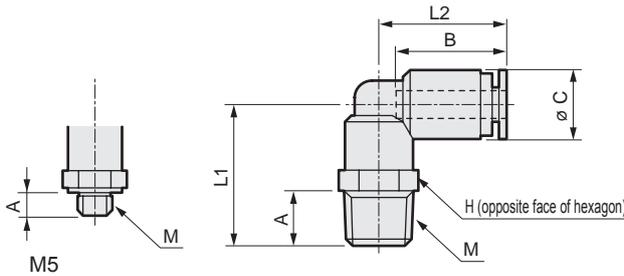


Model No.	Applicable tube O.D. ϕ	M	H	K	L	A	B	Min. bore size	Effective cross-sectional area mm ²	Weight g
ZW-S 4-M5	4	M5×0.8	10	11	21.5	4	16	2.5	4	6.7
ZW-S 4-6		R1/8	10	11	20.5	8	16	2.5	4	7.8
ZW-S 4-8		R1/4	14	15	19.5	11	16	2.5	4	15
ZW-S 6-M5	6	M5×0.8	12	13	23	4	17.5	2.5	4.4	8.6
ZW-S 6-6		R1/8	12	13	23	8	17.5	4	10.3	9.5
ZW-S 6-8		R1/4	14	15	23.5	11	17.5	4	10.3	17
ZW-S 6-10	R3/8	17	19.6	21.5	12	17.5	4	10.3	26	
ZW-S 8-6	8	R1/8	14	15.8	28	8	19	5	17.5	16
ZW-S 8-8		R1/4	14	15.8	27	11	19	6	22.4	17
ZW-S 8-10		R3/8	17	19.6	22.5	12	19	6	22.4	23
ZW-S10-8	10	R1/4	17	19.6	32.5	11	21.5	8	30.5	26
ZW-S10-10		R3/8	17	19.6	28.5	12	21.5	8	30.5	26
ZW-S10-15	R1/2	22	24	26.5	15	21.5	8	30.5	46	
ZW-S12-10	12	R3/8	19	21	30.5	12	23	10	40	29
ZW-S12-15		R1/2	22	24	29.5	15	23	10	40	47

Note: "Clean room specifications" code is omitted in model number above.

Single elbow

● ZW-L □ - □ -P80



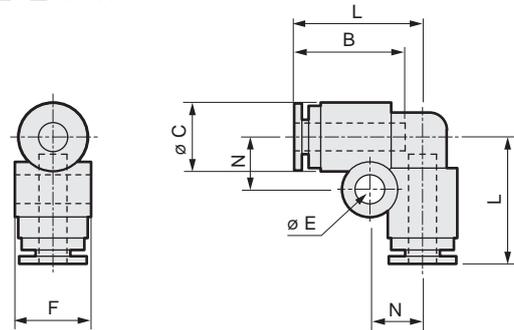
Model No.	Applicable tube O.D. ϕ	M	H	L ₁	L ₂	A	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
ZW-L 4-M5	4	M5×0.8	8	15	18	4	16	10	2.5	3.2	4.9
ZW-L 4-6		R1/8	10	20.5	18.5	8	16	10	2.5	3.2	8
ZW-L 4-8		R1/4	14	24	18.5	11	16	10	2.5	3.2	15
ZW-L 6-M5	6	M5×0.8	10	15	20	4	17.5	12.5	2.5	4.2	6.8
ZW-L 6-6		R1/8	12	24	21	8	17.5	12.5	4	8	13
ZW-L 6-8		R1/4	14	27.5	21	11	17.5	12.5	4	8	17
ZW-L 6-10	R3/8	17	29	21	12	17.5	12.5	4	8	25	
ZW-L 8-6	8	R1/8	14	25.5	23.5	8	19	14.5	6	18	16
ZW-L 8-8		R1/4	14	28.5	23.5	11	19	14.5	6	18	19
ZW-L 8-10		R3/8	17	30	23.5	12	19	14.5	6	18	27
ZW-L10-8	10	R1/4	17	31	27	11	21.5	17.5	8	27	27
ZW-L10-10		R3/8	17	32.5	27	12	21.5	17.5	8	27	32
ZW-L10-15	R1/2	22	35.5	27	15	21.5	17.5	8	27	46	
ZW-L12-10	12	R3/8	19	34.5	29.5	12	23	20	9	35	40
ZW-L12-15		R1/2	22	37.5	29.5	15	23	20	9	35.5	52

Note: "Clean room specifications" code is omitted in model number above.

Elbow

● ZW-L □ - □ -0-P80

(Sales unit is 1 pcs./1 bag)

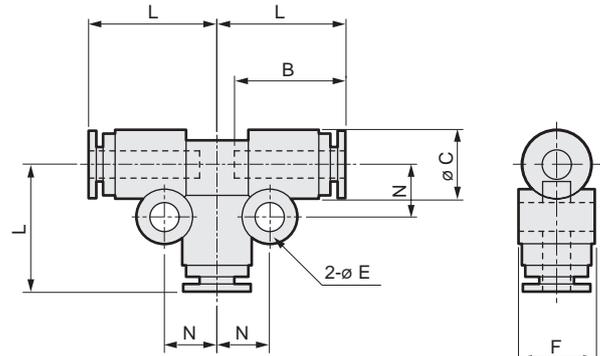


Model No.	Applicable tube O.D. ϕ	L	B	C	N	E	F	Min. bore size	Effective cross-sectional area mm ²	Weight g
ZW-L 4-0	4	18.5	16	10	7.5	4.2	11	2.5	3	5.2
ZW-L 6-0	6	21	17.5	12.5	8.5	4.2	13.5	4	7.5	7.7
ZW-L 8-0	8	23.5	19	14.5	9.5	4.2	15.5	6	17	9.5
ZW-L10-0	10	27	21.5	17.5	11	4.2	18.5	8	25.5	16
ZW-L12-0	12	29.5	23	20	12	4.2	21	10	34	20

Note: "Clean room specifications" code is omitted in model number above.

Tee

● ZW-T □ - □ -P80

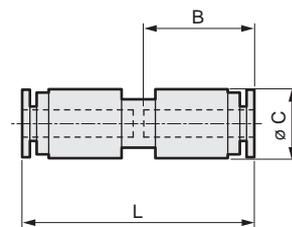


Model No.	Applicable tube O.D. ϕ	L	B	C	E	F	N	Min. bore size	Effective cross-sectional area mm ²	Weight g
ZW-T 4-0	4	18.5	16	10	4.2	11	7.5	2.5	3.6	8.2
ZW-T 6-0	6	21	17.5	12.5	4.2	13.5	8.5	4	9.7	12
ZW-T 8-0	8	23.5	19	14.5	4.2	15.5	9.5	6	22	15
ZW-T10-0	10	27	21.5	17.5	4.2	18.5	11	8	30	23
ZW-T12-0	12	29.5	23	20	4.2	21	12	10	35.5	29

Note: "Clean room specifications" code is omitted in model number above.

Straight

● ZW-S □ - □ -P80



Model No.	Applicable tube O.D. ϕ	L	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
ZW-S 4-0	4	33.5	16	10	2.5	4	4.5
ZW-S 6-0	6	36.5	17.5	12.5	4	10	6.9
ZW-S 8-0	8	39.5	19	14.5	6	22	8
ZW-S10-0	10	45	21.5	17.5	8	30	14
ZW-S12-0	12	47.5	23	20	10	35	17

Note: "Clean room specifications" code is omitted in model number above.

SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R.(module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending