

Fitting GW Series

- Port size M3 to R1/2, ϕ 4 to ϕ 12
- Applicable tube ϕ 3.2 to ϕ 12



F.R.L. unit
Pneumatic auxiliary components
Air unit components
Precision components
Pressure sensor
Sensor/controller
Total air system
Main line unit
Ending

Specifications

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

Note 1: Refer to page 846 for tube dimensions, ambient temperature and working pressure.
Note 2: Use an insert ring when using urethane tube (U-95**, NU-**) under vacuum pressure.

Ozone proof specifications (Ending 9)

GW - **P11**

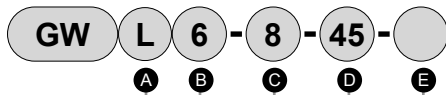
Clean room specifications (Catalog no. CB-033SA)

GW - **P7***

GW - **P80**

How to order

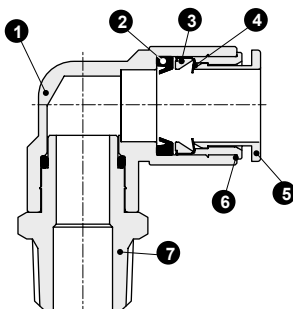
* Refer to model no. sections on dimensions page (pages 772 to 781) for combination of model no.



A Shape		B Applicable tube O.D.		C Port size		D Other combinations		E Option	
S	Straight	3	ϕ 3.2	M3	M3 \times 0.5	L	Long	Blank	None
L	Elbow	4	ϕ 4	M5	M5 \times 0.8	T	Turn	P6	Copper and PTFE free
T	Tee	6	ϕ 6	6	R1/8	D	D type		
TR	Tetrapod shaped	8	ϕ 8	8	R1/4	X	Bulk head		
Y	Y type tee	10	ϕ 10	10	R3/8	S	Round		
FY	FY type	12	ϕ 12	15	R1/2	M	Female type		
WY	Double Y type	16	ϕ 16	0	No thread	E	Bulk head female		
CR	Cross shaped	44	ϕ 4, ϕ 4	4P	Plug for ϕ 4	W	Double		
P	Plug	46	ϕ 4, ϕ 6	6P	Plug for ϕ 6	2T	2-port turn		
C	Cap	48	ϕ 4, ϕ 8	8P	Plug for ϕ 8	45	Single 45		
M	Bulkhead female connector	66	ϕ 6, ϕ 6	10P	Plug for ϕ 10				
MF	Manifold	68	ϕ 6, ϕ 8	12P	Plug for ϕ 12				
		610	ϕ 6, ϕ 10	B	Blanking plug				
		86	ϕ 8, ϕ 6	C	C type plug				
		88	ϕ 8, ϕ 8	L	L type plug				
		810	ϕ 8, ϕ 10	Y	Y type plug				
		812	ϕ 8, ϕ 12						
		108	ϕ 10, ϕ 8						
		1010	ϕ 10, ϕ 10						
		1012	ϕ 10, ϕ 12						
		1210	ϕ 12, ϕ 10						
		1212	ϕ 12, ϕ 12						

Note: Sales unit is 10 pcs./bag.

Internal structure and parts list



No.	Parts name	Material
1	Body *1	Brass (electroless nicking treatment) PBT (flame-resistant resin*2)
2	Packing	Nitrile rubber
3	Chuck holder	Polyetherimide
4	Chuck	Stainless steel
5	Push ring	PBT (flame-resistant resin*2)
6	Outer ring	Brass (electroless nicking treatment)
7	Drive nipple	Brass (electroless nicking treatment)

*1: Body is brass (electroless nickel plated) for single straight, single straight (round), female straight, bulkhead female, bulkhead, and bulkhead female connector.
*2: Equivalent to UL94 standards V-0