

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

Fitting

GW-FP1 Series

- Port size M5 to R1/2, $\phi 4$ to $\phi 12$
- Compatible tube $\phi 4$ to $\phi 12$



Specifications

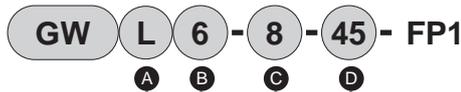
Item	GW
Working fluid	Compressed air
Max. working pressure MPa	1.0
Negative pressure KPa	-100 *2
Ambient temperature °C	-10 to 60(no freezing)
Tube used	Soft nylon tube (F-15*)
	Urethane tube (U-95*,NU-*) *1

*1: Refer to Pneumatic, Vacuum and Auxiliary Components (CB-024SA) for tube dimensions, ambient temperature and working pressure.

*2: Use a urethane tube (U-95**/NU-**) and an insert ring together for vacuum pressure.

How to order

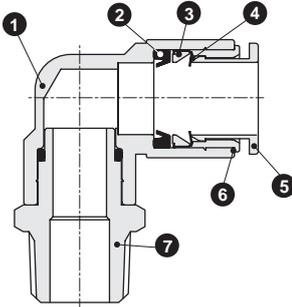
* Refer to Pneumatic, Vacuum and Auxiliary Components (CB-024SA) for model combinations.



A Shape		B Applicable tube bore		C Port size		D Other combinations	
S	Straight	4	$\phi 4$	M5	M 5 x 0.8	L	Long
L	Elbow	6	$\phi 6$	6	R 1/8	T	Turn
T	Tee	8	$\phi 8$	8	R 1/4	D	D type
TR	Tetrapod	10	$\phi 10$	10	R 3/8	X	Bulkhead
Y	Y tee	12	$\phi 12$	15	R 1/2	S	Round
FY	FY	16	$\phi 16$	0	No thread	M	Female
WY	Double Y	44	$\phi 4/\phi 4$	4P	Plug for $\phi 4$	E	Bulkhead female
CR	Cross	46	$\phi 4/\phi 6$	6P	Plug for $\phi 6$	W	Double
C	Cap	48	$\phi 4/\phi 8$	8P	Plug for $\phi 8$	2T	2-port turn
M	For tightening fitting	64	$\phi 6/\phi 4$	10P	Plug for $\phi 10$	45	Single 45°
MF	Manifold	66	$\phi 6/\phi 6$	12P	Plug for $\phi 12$		
		68	$\phi 6/\phi 8$	C	C-plug		
		86	$\phi 8/\phi 6$	L	L-plug		
		88	$\phi 8/\phi 8$	Y	Y-plug		
		810	$\phi 8/\phi 10$				
		812	$\phi 8/\phi 12$				
		108	$\phi 10/\phi 8$				
		1010	$\phi 10/\phi 10$				
		1012	$\phi 10/\phi 12$				
		1210	$\phi 12/\phi 10$				
		1212	$\phi 12/\phi 12$				

Note: Sales unit is 10 pcs./bag.

Internal structure and parts list



Part number	Part name	Material
1	Body *1	Copper alloy (electroless nickeling treatment)
		Polybutylene terephthalate(Flame-resistant resin *2)
2	Packing	Nitrile rubber
3	Chuck holder	Polyetherimide
4	Chuck	Stainless steel
5	Push ring	Polybutylene terephthalate (flame-resistant resin*2)
6	Outer ring	Copper alloy(electroless nickeling treatment)
7	Drive-in nipple	Copper alloy(electroless nickeling treatment)

*1: Single straight/single straight (round)/female straight/bulkhead/bulkhead female bulkhead/copper alloy (electroless nickeling treatment) body for tightening fitting.

*2: UL94 standard V0 equivalent

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR/ Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/ bacteria-removing filter	Vacuum components	Fluid control valves
FP1											
FP2											

For dimensions, refer to the GW Series in "Pneumatic, Vacuum and Auxiliary components (CB-024SA)".