

GWJ

Fitting (small size)

Port size M3 to 1/8 (Rc or R)



- Small push-in fittings suitable for various applications

Space saving with less spacing for body. It minimizes dead space of piping drastically.

■ Straight

Single straight/ GWJS □ - □ -P7*/P80	Female straight/ GWJS3-□-M-P7*/P80	Bulk head/ GWJS3-0-X-P7*/P80	Straight/ GWJS3-0-P7*/P80
			
Applicable tube O.D. \varnothing 3.2 4 6	Applicable tube O.D. \varnothing 3.2	Applicable tube O.D. \varnothing 3.2	Applicable tube O.D. \varnothing 3.2
· page: 970	· page: 970	· page: 970	· page: 970

■ Elbow

Different diameter straight/ GWJS □ -0-P7*/P80	Single elbow/ GWJL □ - □ -P7*/P80	Long elbow/ GWJL □ - □ -L-P7*/P80	Elbow/ GWJL3-0-P7*/P80
			
Applicable tube O.D. \varnothing 3.2/4 3.2/6	Applicable tube O.D. \varnothing 3.2 4 6	Applicable tube O.D. \varnothing 3.2 4 6	Applicable tube O.D. \varnothing 3.2
· page: 970	· page: 970	· page: 971	· page: 971

■ Tee

Both ports tee/ GWJT3- □ -P7*/P80	D tee/ GWJT3- □ -D-P7*/P80	Tee/ GWJT3-0-P7*/P80	Y tee/ GWJY □ -0-P7*/P80
			
Applicable tube O.D. \varnothing 3.2	Applicable tube O.D. \varnothing 3.2	Applicable tube O.D. \varnothing 3.2	Applicable tube O.D. \varnothing 3.2/3.2 3.2/4
· page: 971	· page: 971	· page: 971	· page: 971

■ Plug

Blanking plug/ GWJP3-B-P7*/P80

Applicable tube O.D. \varnothing 3.2
· page: 972

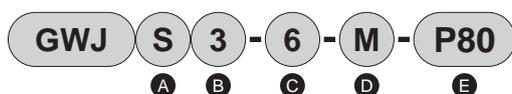
- Sales unit is 10 pcs./1 bag

Specifications

Descriptions	GWJ
Working fluid	Compressed air
Max. working pressure MPa	1.0
Ambient temperature °C	-10 to 60 (no freezing)
Applicable tube	Urethane tube (model No. U-9204, U-9206, U-9532, U-9504, U-9506, NU-04, NU-06) Note

Note: Refer to page 991 for tube dimensions, ambient temperature and working pressure.

How to order



* Refer to model No. sections on dimensions page (pages 970 to 972) for combination of model No.

A Shape	B Applicable tube O.D.	C Port size	D Other combination	E Clean room specifications												
S Straight	3 ø3.2	M3 M3 × 0.5	L Long	<table border="1"> <thead> <tr> <th></th> <th>Structure/treatment</th> <th>Material restriction</th> </tr> </thead> <tbody> <tr> <td>P70</td> <td>Dust generation preventing</td> <td>-</td> </tr> <tr> <td>P74</td> <td>Dust generation preventing</td> <td>Copper-based/silicon-based/halogen-based materials (fluorine, chlorine, bromine) are prohibited</td> </tr> <tr> <td>P80</td> <td>Oil-prohibited</td> <td>-</td> </tr> </tbody> </table>		Structure/treatment	Material restriction	P70	Dust generation preventing	-	P74	Dust generation preventing	Copper-based/silicon-based/halogen-based materials (fluorine, chlorine, bromine) are prohibited	P80	Oil-prohibited	-
	Structure/treatment	Material restriction														
P70	Dust generation preventing	-														
P74	Dust generation preventing	Copper-based/silicon-based/halogen-based materials (fluorine, chlorine, bromine) are prohibited														
P80	Oil-prohibited	-														
L Elbow	4 ø4	M5 M5 × 0.8	D D type													
Y Y tee	6 ø6	6 R1/8	X Bulk head													
T Tee		0 No thread	M Female													
P Plug		B Blanking plug														

Note: Sales unit is 10 pcs./1 bag.

Note 1: P80 Series

- Metal material: Brass + electroless nickeling
- 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, it is same product as P84 Series. Specify in P80 Series when placing an order.

Note 2: Push ring colors are:

- P70: Pink
- P74: Orange
- P80: Light blue

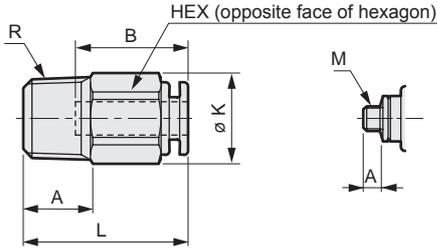
SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R.(module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/ tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for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



Dimensions: Single straight/female straight/bulk head/straight/different diameter straight/single elbow

Single straight

- GWJS □ - □ -P7*/P80



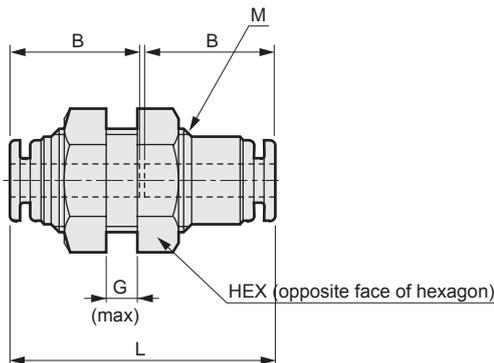
Dimensions with * are for model with punched hexagon hole.

Model No.	Applicable tube O.D. ø	R M	HEX	K	L	A	B	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJS3-M3	3.2	M3 × 0.5	8	8.8	17	2.4	12.5	1.2	0.9	2.4
GWJS3-M5		M5 × 0.8	8	8.8	18	3.4	12.5	2.5	2.5	3
GWJS3- 6		1/8	10	11	16.5	8	12.5	2.5*	2.5	5.9
GWJS4-M3	4	M3 × 0.5	10	11	18	2.4	13.5	1.2	0.9	7.1
GWJS4-M5		M5 × 0.8	10	11	19	3.4	13.5	2.5	4	5.2
GWJS4- 6		1/8	10	11	20	8	13.5	2.5*	4	7.1
GWJS6-M5	6	M5 × 0.8	11	12.1	20	3.4	14.5	2.5	4	4.9
GWJS6- 6		1/8	11	12.1	21.5	8	14.5	4*	11	6.8

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

Bulk head

- GWJS3-0-X-P7*/P80

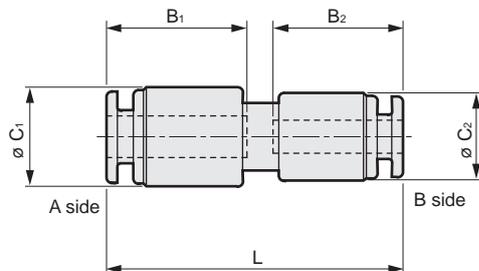


Model No.	Applicable tube O.D. ø	L	B	HEX	Min. bore size	M	Panel thickness/G	Panel bore size	Effective cross-sectional area mm ²	Weight g
GWJS3-0-X	3.2	26.5	12.5	12	2.5	M10 × 1.0	5	10.5	2.5	9.8

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

Different diameter straight

- GWJS □ -0-P7*/P80



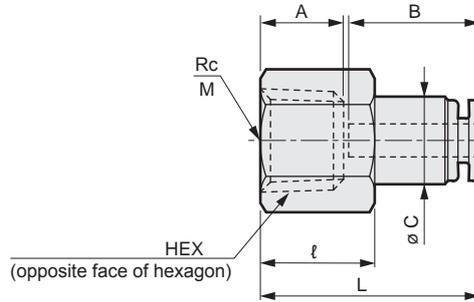
Model No.	Applicable tube O.D. ø		L	B ₁	B ₂	C ₁	C ₂	Min. bore size	Effective cross-sectional area mm ²	Weight g
	A side	B side								
GWJS34-0	4	3.2	28.5	13.5	12.5	9.6	8.5	2.2	2.5	3.1
GWJS36-0	6	3.2	28.5	14.5	12.5	11.8	8.8	2.2	2.5	4.1

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

Female straight

- GWJS3- □ -M-P7*/P80

(Sales unit is 10 pcs./1 bag)

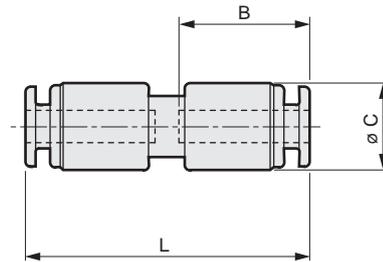


Model No.	Applicable tube O.D. ø	Rc M	HEX	L	A	B	C	ℓ	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJS3-M3-M	3.2	M3 × 0.5	8	17.5	4	12.5	7.8	7.0	2.5	2.5	4
GWJS3-M5-M		M5 × 0.8	8	18.5	5	12.5	7.8	8.0	2.5	2.5	4
GWJS3-6-M		1/8	12	21.5	8	12.5	8.5	11.0	2.5	2.5	4

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

Straight

- GWJS3-0-P7*/P80

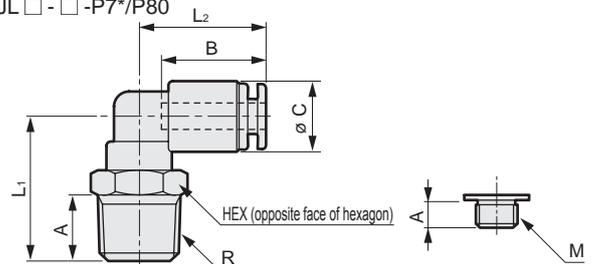


Model No.	Applicable tube O.D. ø	L	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJS3-0	3.2	27.5	12.5	8.5	2.2	2.5	2.4

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

Single elbow

- GWJL □ - □ -P7*/P80



Model No.	Applicable tube O.D. ø	R M	HEX	L ₁	L ₂	A	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJL3-M3	3.2	M3 × 0.5	8	13	15.5	2.4	12.5	8.5	1.2	0.8	3.3
GWJL3-M5		M5 × 0.8	8	13	15.5	3.4	12.5	8.5	2.2	2.5	3.6
GWJL3- 6		1/8	10	17.5	15.5	8	12.5	8.5	2.2	2.3	6
GWJL4-M3	4	M3 × 0.5	8	13	16.5	2.4	13.5	9.6	1.2	0.8	4
GWJL4-M5		M5 × 0.8	8	13	16.5	3.4	13.5	9.6	2.5	3	4.4
GWJL4- 6		1/8	10	17.5	16.5	8	13.5	9.6	2.5	3	6.8
GWJL6-M5	6	M5 × 0.8	10	15.5	18.5	3.4	14.5	11.8	2.5	3.5	7
GWJL6- 6		1/8	10	18.5	18.5	8	14.5	11.8	4	9.5	8.4

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

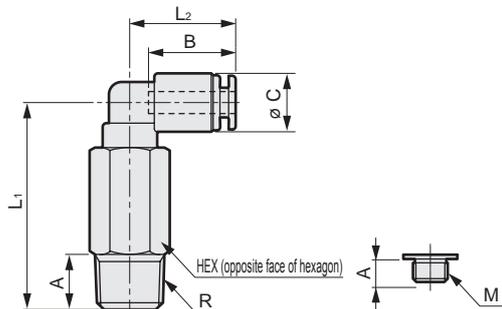


Dimensions: Long elbow/elbow/both ports tee/D tee/tee/Y tee

(Sales unit is 10 pcs./1 bag)

Long elbow

- GWJL □ - □ -L-P7*/P80

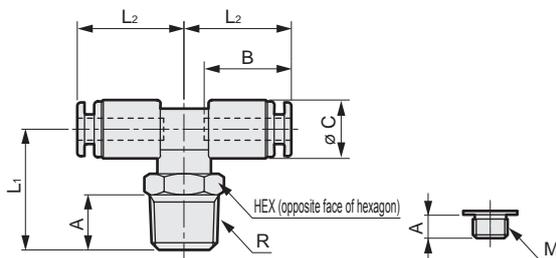


Model No.	Applicable tube O.D. ϕ	R M	HEX	L ₁	L ₂	A	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJL3-M3-L	3.2	M3 × 0.5	8	25.5	15.5	2.4	12.5	8.5	1.2	0.8	8.2
GWJL3-M5-L		M5 × 0.8	8	25.5	15.5	3.4	12.5	8.5	2.2	2.3	8.6
GWJL3-6-L		1/8	10	30	15.5	8	12.5	8.5	2.2	2.3	13
GWJL4-M5-L	4	M5 × 0.8	8	25.5	16.5	3.4	13.5	9.6	2.5	3	9.4
GWJL4-6-L		1/8	10	30	16.5	8	13.5	9.6	2.5	3	14
GWJL6-M5-L	6	M5 × 0.8	10	30.5	18.5	3.4	14.5	11.8	2.5	3.5	16
GWJL6-6-L		1/8	10	33.5	18.5	8	14.5	11.8	4	8.5	16

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

Both ports tee

- GWJT3- □ -P7*/P80

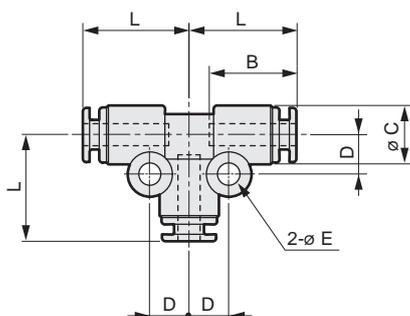


Model No.	Applicable tube O.D. ϕ	R M	HEX	L ₁	L ₂	A	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJT3-M3	3.2	M3 × 0.5	8	13	15.5	2.4	12.5	8.5	1.2	0.9	4.4
GWJT3-M5		M5 × 0.8	8	13	15.5	3.4	12.5	8.5	2.2	2.7	4.7
GWJT3-6		1/8	10	17.5	15.5	8	12.5	8.5	2.2	2.7	7.1

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

Tee

- GWJT3-0-P7*/P80

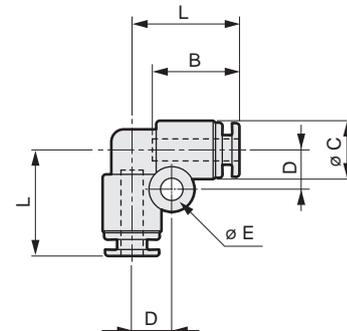


Model No.	Applicable tube O.D. ϕ	L	B	C	D	E	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJT3-0	3.2	15.5	12.5	8.5	5.7	3.2	2.2	2.7	2.4

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

Elbow

- GWJL3-0-P7*/P80

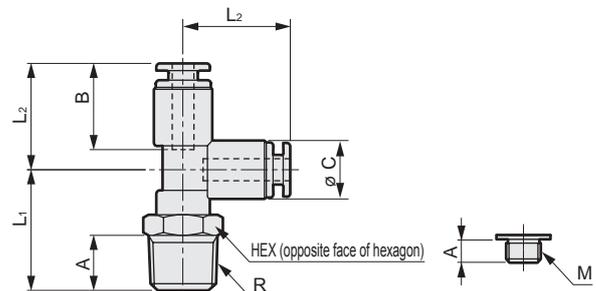


Model No.	Applicable tube O.D. ϕ	L	B	C	D	E	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJL3-0	3.2	15.5	12.5	8.5	5.7	3.2	2.2	2.3	2.8

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

D tee

- GWJT3- □ -D-P7*/P80

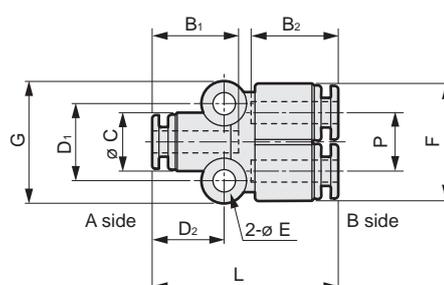


Model No.	Applicable tube O.D. ϕ	R M	HEX	L ₁	L ₂	A	B	C	Min. bore size	Effective cross-sectional area mm ²	Weight g
GWJT3-M3-D	3.2	M3 × 0.5	8	13	15.5	2.4	12.5	8.5	1.2	0.9	4.4
GWJT3-M5-D		M5 × 0.8	8	13	15.5	3.4	12.5	8.5	2.2	2.7	4.8
GWJT3-6-D		1/8	10	17.5	15.5	8	12.5	8.5	2.2	2.7	7.2

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

Y tee

- GWJY □ -0-P7*/P80



Model No.	Applicable tube O.D. ϕ		L	B ₁	B ₂	C	D ₁	D ₂	E	F	P	G	Effective cross-sectional area mm ²	Weight g
	A side	B side												
GWJY33-0	3.2	3.2	27	12.5	12.5	8.5	11.2	10.5	3.2	17	8.5	17.7	2.7	4
GWJY43-0	4	3.2	28.5	13.5	12.5	9.6	12.2	12	3.2	17	8.5	18.7	2.7	4.9

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

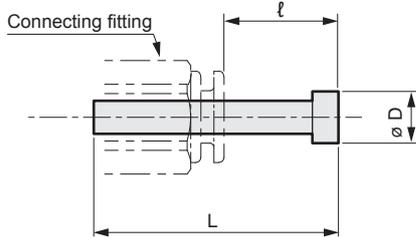
SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R.(module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for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



Dimensions: Blanking plug

(Sales unit is 10 pcs./1 bag)

- Blanking plug
- GWJP3-B-P7*/P80
 - GWP □ -B-P7*/P80



Material: Polyamide

Model No.	Connecting fitting Diameter ϕ	L	l^*	D	Weight g
GWJP3-B	3.2	23.5	11	5	0.2
GWP 4-B	4	27	11	6	0.5
GWP 6-B	6	29	11.5	8	1

* Dimensions with CKD connecting fittings (GW and GWJ Series) are shown.
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