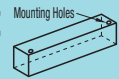


# Manifold App. Example / Shape / Port Position Chart

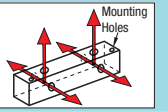
Standard Position of the Mounting Hole



\*Standard mounting holes are located as shown in the drawing on the left. This is not applied for some types. For details, see each product page.

# Manifold Blocks - Hydraulic / Pneumatic

## T-Shaped Hole



### App. Example

Material	Steel (SS400 Equivalent)	Stainless Steel (SUS304 Equivalent)	Aluminum Alloy
Recommended fluids	Lubricant, Cutting Oil, Coolant, etc. * It can also be used in air	Water, etc. * It can also be used in oil and air	Air, etc.
Features	Low Price	Rust resistant	Light
Max. Operating Pressure	20.6MPa≈210kgf/cm <sup>2</sup> or less		1MPa≈10kgf/cm <sup>2</sup> or less
App. Example	<p>Bifurcation of cutting oil</p>	<p>In combination with pressure gauge</p>	<p>Bifurcation of draining air</p>

### Manifold Blocks, Terminal Blocks

Page	P.1226, 1231, 1232	P.1227, 1230, 1233, 1234	P.1228, 1235, 1236	P.1229, 1237, 1238
Port Positions				
Page	P.1230, 1240	P.1239, 1251, 1252	P.1243	P.1243
Port Positions				
Page	P.1241	P.1242	P.1242	P.1243
Port Positions				
Page	P.1244	P.1244	P.1245, 1247, 1248	P.1246, 1249, 1250
Port Positions				
Page	P.1256	P.1256	P.1257, 1258, 1259	P.1260
Port Positions				

### Pipe Manifolds

Page	P.1256	P.1256	P.1257, 1258, 1259	P.1260	P.1260
Port Positions					

For details of recommended tapered male thread tightening torque and through pilot hole, see P.1224.

Type	Material	Surface Treatment	Max. Operating Pressure
BMAN	SS400 Equivalent	Trivalent Chromate	20.6MPa≈210kgf/cm <sup>2</sup> or less
BMANR	SUS304	-	-
BMGN	Aluminum Alloy	-	1MPa≈10kgf/cm <sup>2</sup> or less

\* BMGN□-55N is for limited space.  
 \* The material of BMGN□-55N is A6063 Equivalent.  
 \* For BMGN6-55N, no mounting hole at L/2 position.

Thread: JIS B0203 Rc(PT)

Part Number	Type	No.	d Rc(PT)	A	B	L	P	P'	P <sub>1</sub>	P <sub>2</sub>	E	F	Y	d <sub>1</sub>	d <sub>2</sub>	ℓ	Unit Price								
																	BMAN	BMANR							
1	BMAN (Oil Hydraulic)	11	1/8	40	30	40	-	-	25	-	20	B/2	7	11	6.6	6.5	-	-							
		22	1/4														-	-							
		33	3/8														-	-							
		11	1/8														120	40	-	105	-	20	-	-	
		22	1/4																				-	-	
		33	3/8																				-	-	
	2	BMANR (Water Hydraulic)	11		1/8	30	80	40	-	65	-						20	-	-	-	-	-	-	-	-
			22		1/4													-	-						
			33		3/8													-	-						
			11		1/8													200	40	40	185	-	20	-	-
			22		1/4																			-	-
			33		3/8																			-	-
3	BMAN (Oil Hydraulic)	11	1/8	30	160	40	40	145	-	20	-	-	-	-	-	-	-	-							
		22	1/4								-	-													
		33	3/8								-	-													
		11	1/8								240	40	40	225	120	20	-	-							
		22	1/4														-	-							
		33	3/8														-	-							

\* 4, 5 and 6 are available for BMAN only.

Part Number	Type	No.	d Rc(PT)	M (Coarse)	A	B	L	P	P'	P <sub>1</sub>	P <sub>2</sub>	E	F	Y	d <sub>1</sub>	d <sub>2</sub>	ℓ	Unit Price																		
																		BMAN	BMANR																	
1	BMGN (Pneumatic)	11	1/8	M5	25	25	40	-	-	25	-	20	12.5	7	9.5	5.5	5.5	-	-																	
		22N	1/4															35	35	-	-	-	-													
		55	25															25	-	-	-	-	-													
		55N	15															15	30	-	-	20	15	7.5	3.5	-	4.3	-								
		11	1/8															70	30	-	55	-	20	-	-											
		22N	1/4																					35	35	-	-	-	-							
	55	25	25		-	-	-	-	-																											
	2	BMGN (Pneumatic)	11		1/8	M5	25	25	70	30	-	55						-	20	12.5	7	9.5	5.5	5.5	-	-										
			22N		1/4																				35	35	-	-	-	-						
			55		25																				25	-	-	-	-	-						
			55N		15																				15	45	15	-	-	35	15	7.5	3.5	-	4.3	-
			11		1/8																				100	30	-	85	-	20	-	-				
22N			1/4	35	35								-	-	-	-																				
55	25	25	-	-	-	-	-																													
3	BMGN (Pneumatic)	11	1/8	M5	25	25	130	30	30	115	-	20	12.5	7	9.5	5.5	5.5	-	-																	
		22N	1/4															35	35						-	-	-	-								
		55	25															25	-						-	-	-	-								
		55N	15															15	75						15	15	65	-	-	-	-	-				
		11	1/8															190	30						30	175	95	20	-	-						
		22N	1/4																	35	35	-	-	-					-							
55	25	25	-	-	-	-	-																													
4	BMGN (Pneumatic)	11	1/8	M5	25	25	105	15	15	95	-	15						12.5	7.5	3.5	-	4.3	-	-												
		22N	1/4																						35	35	-	-	-	-						
		55	25																						25	-	-	-	-	-						
		55N	15																						15	105	15	15	95	-	-	-	-	-		
		11	1/8																						105	15	15	95	-	15	-	-				
		22N	1/4										35	35	-	-	-														-					
55	25	25	-	-	-	-	-																													

Ordering Example Part Number  
 BMAN2-33  
 BMGN3-22N