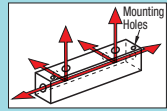


# Manifold Blocks - Pneumatic

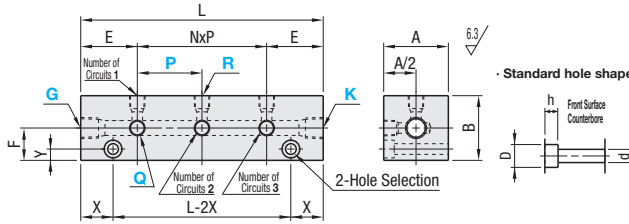
## Lateral Through Hole, L-Shaped Hole



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

By inserting "G-" before part number, "PT Threads (Tapered Female Threads)" can be changed to "PF Threads (Parallel Female Threads)" in compliance with "JIS B 0202" (Unit Price remains the same).

Type						Material	Surface Treatment	Max. Operating Pressure
Pitch (P) Standard			Pitch (P) Configurable					
25 Sq.	30x40 Sq.	50 Sq.	25 Sq.	30x40 Sq.	50 Sq.	Aluminum Alloy	Clear Anodize	1MPa≈10kgf/cm <sup>2</sup> or less
BMUAC	BMUAF	BMUAL	BMUACP	BMUAFP	BMUALP			
BMUACA	BMUAF A	BMUAL A	BMUACP	BMUAFP	BMUALP			



Mounting Hole Dimension	d	D	h	D1	d1	h1
M5	5.5	9.5	5.5	8	4.2	4.5
M8	8.5	14	8.5	11	6.8	6.5

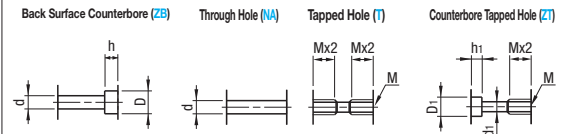
Thread  
JIS B0203 Rc(PT)  
JIS B0202 G(PF): ISO 228-1 Compatible  
ANSI/ASME B.1.20.1-1983(NPT)

- \* Drawing for 3 Circuit Type is selected. The total number of Q, R, G and K threads is 8.
- ☑ Mounting hole shape can be selected freely.
- ☑ Standard hole shape is selected when no hole shape modification is specified. Note that the default of 25 Sq. is Through Hole.

<L Dimension Calculation>  
Ex.: For BMUAFP3- ~ P35,  
L=NxP+2E= (Number of Circuits 3 - 1) x 35 + 2 x 20 = 110



### Mounting Hole Change



Type	Part Number	Rc (PT), NPT, M (Coarse) Selection	Pitch P		Number of Pitches N	Total Number of Q, R, G and K Threads	A	B	E	F	X	Y	Mounting Hole M
			Standard	Configurable (mm increment)									
Pitch Standard BMUAC BMUACA	Pitch Configurable BMUACP BMUACP	Q, R, G, K	15	15-50	0	4	25	25	20	12.5	10	4	M5
					1	6							
					2	8							
					3	10							
					4	12							
					5	14							
					6	16							
					7	18							
Pitch Standard BMUAF BMUAF A	Pitch Configurable BMUAFP BMUAFP	Q, R, G, K	30	20-50	0	4	30	40	20	20	7.5	7	M5
					1	6							
					2	8							
					3	10							
					4	12							
					5	14							
					6	16							
					7	18							
Pitch Standard BMUAL BMUAL A	Pitch Configurable BMUALP BMUALP	Q, R, G, K	40	35-60	0	4	50	50	25	25	8.5	8.5	M8
					1	6							
					2	8							
					3	10							
					4	12							
					5	14							

- ☑ By inserting "G-" before part number, the thread type can be changed to the G (PF) Thread as part of ordering. (Ex.: G-BMUAF) For ordering, see the Ordering Example.
- ☑ For Q, R, G and K, specify 1, 2, 3, 4, 5, M3, M4, 1N or 2N indicated before ( ).
- ☑ Specify the pitch taking into consideration the necessary dimensions for fitting the couplings.
- ☑ When " marked 7 or 8 Circuit is selected from 25 Sq. / 30x40 Sq., M3, M4 and 5(M5) are not available for G or K.
- ☑ Single Circuit is not available for Pitch Configurable Type.
- ☑ Each 6 and 8 Circuit Type has an additional mounting hole at the midpoint of the overall length. 7 Circuit Type has an additional mounting hole at each midpoint of the 2 - 3 port pitch, and 5 - 6 port pitch from the left to the right.
- ☑ M3, M4 and 5(M5) are not available for 25 Sq., 30x40 Sq. Pitch Configurable Type G and K.

**Ordering Example**

Part Number: **Q - R - G - K - P**

Type: **BMUAC**    Mounting Hole Change: **T**    Number of Circuits: **2**

**BMUAF**    **ZT**    **3**    **Q1 - R1 - G2 - K2 - P40**

**G-BMUAFP**    **ZT**    **3**    **Q1 - R1 - G2 - K2 - P40 (G Thread)**

Number of Circuits	Pitch (P) Standard Unit Price						Pitch (P) Configurable Unit Price					
	25 Sq.		30x40 Sq.		50 Sq.		25 Sq.		30x40 Sq.		50 Sq.	
	BMUAC	BMUACA	BMUAF	BMUAF A	BMUAL	BMUAL A	BMUACP	BMUACP	BMUAFP	BMUAFP	BMUALP	BMUALP
1												
2												
3												
4												
5												
6												
7												
8												