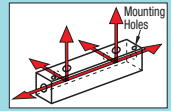


Manifold Blocks - Hydraulic

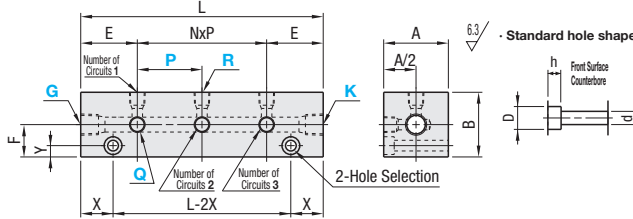
Lateral Through Hole, L-Shaped Hole



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						
30x35 Sq.	40 Sq.	60 Sq.	30x35 Sq.	40 Sq.	60 Sq.	Steel for General Structure (BMUFM) / SS400 (BMUFLM)	Trivalent Chromate / Electroless Nickel Plating	20.6MPa≈210kgf/cm ² or less 1MPa≈10kgf/cm ² or less	
BMUS	BMUF	BMUFL	BMUSP	BMUFP	BMUFLP				SS400
-	BMUFM	BMUFLM	-	BMUFP	-				SUS304
BMUSR	BMUFR	BMUFLR	-	BMUFRP	BMUFLRP				SUS316
-	BMUFS	-	-	BMUFS	-	Brass	-		
-	BMUFC	-	-	-	-	-	-	-	



Mounting Hole Dimension	d	D	h	D1	d1	h1
M5	5.5	9.5	5.5	8	4.2	4.5
M6	6.6	11	6.5	9.5	5.1	5.5
M8	8.5	14	8.5	11	6.8	6.5

*Only for SUS304, d1 dimension is 4.3.

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.

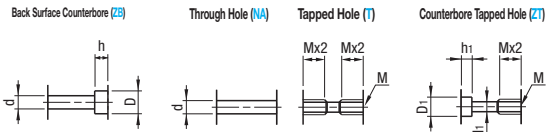
<L Dimension Calculation>

Ex.: For BMUFP3 ~ ~ P35,

L=NxP+2E= (Number of Circuits 3 - 1) x 35 + 2 x 35 = 140



Mounting Hole Change



Part Number	Type	Mounting Hole Change	Number of Circuits	Rc (PT), NPT 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
				Q, R	G, K	Standard	Configurable (mm increment)									
(30x35 Sq.)	Pitch Standard BMUS	Pitch Configurable BMUSP	1	1 (1/8)	1 (1/8)	30	20-50	0	4	30	35	20	20	15	6	M5
			2					1	6							
			3					2	8							
			4					3	10							
			5					4	12							
			6					5	14							
			7					6	16							
			8					7	18							
(40 Sq.)	Pitch Standard BMUF	Pitch Configurable BMUFP	1	1 (1/8)	2 (1/4)	40	25-50	0	4	40	40	35	20	20	7	M6
			2					1	6							
			3					2	8							
			4					3	10							
			5					4	12							
			6					5	14							
			7					6	16							
			8					7	18							
(60 Sq.)	Pitch Standard BMUFL	Pitch Configurable BMUFLP	1	2 (1/4)	2 (1/4)	60	35-60	0	4	60	60	30	30	20	8	M8
			2					1	6							
			3					2	8							
			4					3	10							
			5					4	12							
			6					5	14							
			7					6	16							
			8					7	18							

⚠ By inserting "G-" before part number, the thread type can be changed to the G (PF) Thread as part of ordering. (Ex.: G-BMUF) For ordering, see the Ordering Example.

⚠ For Q, R, G and K, specify 1, 2, 3, 4, 6, 1N, 2N, 3N or 4N indicated before ().

⚠ Specify the pitch taking into consideration the necessary dimensions for fitting the couplings.

⚠ Single Circuit is not available for Pitch Configurable Type.

⚠ SUS316 or Brass is for up to 6 connections.

⚠ Each 6 and 9 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.



Part Number		Q		R		G		K		P	
Type	Mounting Hole Change	Number of Circuits		Number of Circuits		Number of Circuits		Number of Circuits		Number of Circuits	
BMUF		4	Q3	2	R2	3	G3	3	K3		P45
BMUFLP	NA	3	Q3	3	R4	4	G4	4	K4		P45
G-BMUFLP	NA	3	Q3	3	R4	4	G4	4	K4		P45 (G Thread)

Number of Circuits	Pitch (P) Standard Unit Price															Pitch (P) Configurable Unit Price									
	30x35 Sq.					40 Sq.					60 Sq.					30x35 Sq.			40 Sq.			60 Sq.			
	BMUS	BMUSR	BMUF	BMUFM	BMUFR	BMUFS	BMUFC	BMUFL	BMUFLM	BMUFLR	BMUSP	BMUFP	BMUFRP	BMUFS	BMUFLP	BMUFLRP									
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									