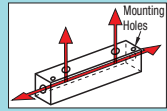


Manifold Blocks - Pneumatic

Lateral Through Hole, Upper 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						
20 Sq.	30 Sq.	40 Sq.	60 Sq.	20 Sq.	30 Sq.	40 Sq.	Aluminum Alloy	Clear Anodize	1MPa=10kgf/cm ² or less
BMSFC	BMSF	BMSFL	BMSFB	BMSFCP	BMSFP	BMSFLP			
BMSFCA	BMSFA	BMSFLA	-	BMSFCAP	BMSFAP	BMSFLAP			

Material of 60 Sq. is A6063.

Standard hole shape

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

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, G and K threads is 5.

Mounting hole shape can be selected freely.
Standard hole shape is selected when no hole shape modification is specified.
Note that the default of 20 Sq. is Through Hole.

<L Dimension Calculation>
Ex.: For BMSFCP3- ~ P25
L=NxP+2E= (Number of Circuits 3-1) x 25 + 2 x 20 = 90

RoHS 10

Mounting Hole Change

Type	Part Number	Pitch (P) Standard	Rc (PT), NPT, M (Coarse) Selection	Pitch P		Number of Pitches N	Total Number of Q, G and K Threads	A	B	E	F	X	Y	Mounting Hole M	
				Standard	Configurable from Increment										
Pitch Standard Pitch Configurable BMSFC BMSFCP BMSFCA BMSFCAP	T (Tapped)	20 Sq.	Q	G, K	15	15-50	0	3	20	20	20	13	5	4	M5
							1	4							
							2	5							
							3	6							
							4	7							
							5	8							
							6	9							
							7	10							
Pitch Standard Pitch Configurable BMSF BMSFP BMSFA BMSFAP	ZB (Back Surface Counterbore)	30 Sq.	Q	G, K	30	20-50	0	3	30	30	20	20	7.5	7	M5
							1	4							
							2	5							
							3	6							
							4	7							
							5	8							
							6	9							
							7	10							
Pitch Standard Pitch Configurable BMSFL BMSFLP BMSFLA BMSFLAP	T (Tapped)	40 Sq.	Q	G, K	40	35-60	0	3	40	40	25	25	7	7	M6
							1	4							
							2	5							
							3	6							
							4	7							
							5	8							
							6	9							
							7	10							
Pitch Standard BMSFB	ZT (Counterbore Tapped)	60 Sq.	Q	G, K	60	-	0	3	60	60	40	35	25	9	M8
							1	4							
							2	5							
							3	6							

- By inserting "G-" before part number, the thread type can be changed to the G (PF) Thread as part of ordering. (Ex.: G-BMSF) For ordering, see the Ordering Example.
- For Q, G and K, specify 1, 2, 3, 4, 5, 6, 8, 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 30 Sq., 5(M5) is 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 part pitch, and 5-6 part pitch from the left to the right. (Except for 20 Sq.)
- For G and K of 20 Sq, Pitch Configurable Type, M3, M4 or 5 (M5) are not selectable.

Ordering Example

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

Type: BMSF, BMSFLP, G-BMSFLP
Mounting Hole Change: T, ZT, ZT
Number of Circuits: 5, 5, 5

Q: Q2, G: G1, K: K2, P: P50

Q: Q2, G: G3, K: K3, P: P50

Q: Q2, G: G3, K: K3, P: P50 (G Thread)

Number of Circuits	Pitch (P) Standard Unit Price						Pitch (P) Configurable Unit Price					
	20 Sq.		30 Sq.		40 Sq.		20 Sq.		30 Sq.		40 Sq.	
	BMSFC	BMSFCA	BMSF	BMSFA	BMSFL	BMSFLA	BMSFCP	BMSFCAP	BMSFP	BMSFAP	BMSFLP	BMSFLAP
1												
2												
3												
4												
5												
6												
7												
8												