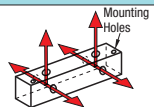


# Manifold Blocks - Hydraulic

## T-Shaped Hole



For details of recommended tapered male thread tightening torque and through pilot hole, see **P1224**.  
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).

RoHS10

① Mounting hole shape can be selected freely.  
② **Standard hole shape** is selected when no **hole shape modification** is specified.  
<L Dimension Calculation>  
Ex.: For BMAFP3 ~ ~P35  
L=NxP+2E= (Number of Circuits-1) x 35 + 2 x 20 = 110

Type									M Material	S Surface Treatment	Max. Operating Pressure			
Pitch (P) Standard					Pitch (P) Configurable									
25x32 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	40 Sq.	50 Sq.	60 Sq.							
BMAS	BMAF	BMAFL	BMAFLK		BMAFP	BMAFLP	BMAFLKP	SS400 (BMAFLM)	Steel for General Structure (BMAFM) (BMAFLM) (BMAFLMP)	Trivalent Chromate	20.6MPa=210kgf/cm <sup>2</sup> or less			
-	BMAFM	BMAFLM	-	BMALM	-	BMAFLMP	-			Electroless Nickel Plating				
BMASR	BMAFR	BMAFLR	-	-	-	-	-		SUS304	-				
-	BMAFS	-	-	-	-	-	-		SUS316					
-	BMAFC	-	-	-	-	-	-		Brass	1MPa=10kgf/cm <sup>2</sup> or less				

\* Drawing for 3 Circuit Type is selected.  
The total number of Q, R and S threads is 9.

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

Side Mounting Hole Change

Standard hole shape

Mounting Hole Change

Side Mounting Hole Change

Side Counterbore (YZ) Side Through (YN)

Mounting Hole Dimension	d	D	h	D <sub>1</sub>	d <sub>1</sub>	h <sub>1</sub>
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, d<sub>1</sub> dimension is 4.3.

Part Number		Rc (PT), NPT Selection		Pitch P		Number of Pitches	Total Number of Q, R and S Threads	A	B	E	F	X	Y	Mounting Hole	
Type	Mounting Hole Change	Number of Cords	Q, R, S	Standard	Configurable Item Incomet	N								M	
(25x32 Sq.)															
Pitch Standard BMAS BMASR		1	1 (1/8)	25	-	0	3	25	32	20	16	7.5	7	M5	
		2				1	6								
		3				2	9								
		4				3	12								
		5				4	15								
		6				5	18								
		7				6	21								
		8				7	24								
(40 Sq.)		1	1 (1/8) 2 (1/4) 3 (3/8) 4 1IN (NPT1/8) 5 2IN (NPT1/4) 6 3IN (NPT3/8)	40	-	25~50	0	3	40	40	20	20	7.5	7	M6
Pitch Configurable BMAFP	2	1					6								
Pitch Standard BMAF BMAFM BMAFR BMAFS BMAFC	3	2					9								
	4	3					12								
	5	4					15								
	6	5					18								
	7	6					21								
	8	7					24								
(50 Sq.)		1	2 (1/4) 3 (3/8) 4 (1/2) 5 6 (3/4)	60	-	35~60	0	3	50	50	30	25	7.5	8	M8
Pitch Standard BMAFL BMAFLM BMAFLR	2	1					6								
Pitch Configurable BMAFLP BMAFLMP	3	2					9								
	4	3					12								
	5	4					15								
	6	5					18								
	7	6					21								
	8	7					24								
(60 Sq.)		1	2 (1/4) 3 (3/8) 4 (1/2) 5 6 (3/4)	60	-	35~60	0	3	60	60	30	30	7.5	8	M8
Pitch Standard BMAFLK BMAFLKP	2	1					6								
Pitch Configurable	3	2					9								
	4	3					12								
	5	4					15								
	6	5					18								
	7	6					21								
	8	7					24								
(70 Sq.)		1	6 (3/4) 3 8 (1)	60	-	0	3	70	70	40	35	10	10	M8	
Pitch Standard BMAL BMALM	2	1				6									
	3	2				9									
	4	3				12									