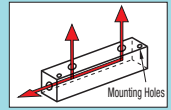


# Manifold Blocks - Hydraulic / Pneumatic

## Blind Lateral Hole



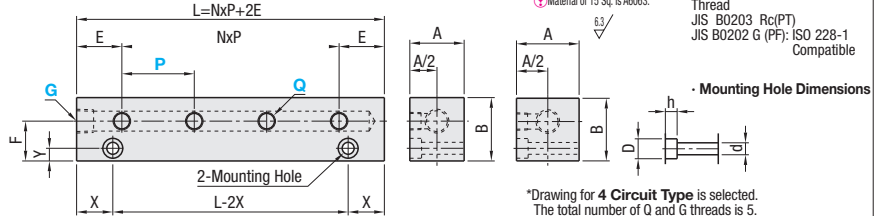
For details of recommended tapered male thread tightening torque and through pilot holes, see P.1224.

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).



RoHS 10

Usage	Type												Material	Surface Treatment	Max. Operating Pressure
	Pitch (P) Standard						Pitch (P) Configurable								
	25x32 Sq.	30x35 Sq.	15 Sq.	20 Sq.	30 Sq.	40 Sq.	25x32 Sq.	30x35 Sq.	20 Sq.	30 Sq.	40 Sq.				
Hydraulic	BMZS	BMZF	-	-	-	-	BMZSMP	BMZFP	-	-	-	SS400	Trivalent Chromate	20.6MPa=210kgf/cm <sup>2</sup> or less	
	BMZSM	BMZFM	-	-	-	-	BMZSRP	BMZFRP	-	-	-	SUS304	Electroless Nickel Plating		
Pneumatic	-	-	BMZAS	BMZAF	BMZAF	BMZAF	-	-	BMZAFCP	BMZAFP	BMZAFAP	A5052	Clear Anodize	1MPa=10kgf/cm <sup>2</sup> or less	
	-	-	BMZASA	BMZAFCA	BMZAFCA	BMZAFCA	-	-	BMZAFCAP	BMZAFPAP	BMZAFPAP				



\*Material of 15 Sq. is A6063.

Thread  
JIS B0203 Rc(P)  
JIS B0202 G (PF): ISO 228-1  
Compatible

Mounting Hole Dimensions

\*Drawing for 4 Circuit Type is selected.

The total number of Q and G threads is 5.

\*Mounting holes will be through holes for 15 and 20 Sq. Types.

Part Number	Type	Rc (PT), M (Coarse) Selection		Pitch P		Number of Pitches N	Total Number of Q and G Threads	A	B	E	F	X	Y	Mounting Hole Dimension		
		Q	G	Standard	Configurable 1mm Increment									d	D	h
Hydraulic (25x32 Sq.)																
	1					0	2									
Pitch Standard	2					1	3									
Pitch Configurable	3	1 (1/8)	1 (1/8)	25	20-50	2	4	25	32	20	20	15	6	5.5	9.5	
BMZS	4	2 (1/4)	2 (1/4)		*Specify within NxP≤140.	3	5									
BMZSM	5					4	6									
BMZSR																
BMZSRP																
Hydraulic (30x35 Sq.)																
	1					0	2									
Pitch Standard	2	1 (1/8)	1 (1/8)	35	25-50	1	3	30	35	25	22		15	7	6.6	
Pitch Configurable	3	2 (1/4)	2 (1/4)		*Specify within NxP≤120.	2	4									
BMZF	4	3 (3/8)	3 (3/8)			3	5									
BMZFM	5	4 (1/2)	4 (1/2)			4	6									
BMZFR																
BMZFRP																
Pneumatic (15 Sq.)																
	1					0	2									
Pitch Standard	2	M3 (M3)	5 (M5)	15	-	1	3	15	15	15	10	5	3.5	4.3	-	
BMZAS	3	M4 (M4)				2	4									
BMZASA	4	5 (M5)				3	5									
	5					4	6									
Pneumatic (20 Sq.)																
	1					0	2									
Pitch Standard	2	1 (1/8)	1 (1/8)	15	15-50	1	3	20	20	20	13	5	4	5.5	-	
Pitch Configurable	3	M3 (M3)	1 (1/8)		*When 5 (M5) is selected for G, specify within NxP≤70.	2	4									
BMZAF	4	M4 (M4)	5 (M5)		*When 1 (1/8) is selected for G, specify within NxP≤130.	3	5									
BMZAFCA	5	5 (M5)			*When 1 (1/8) or 2 (1/4) is selected for G, specify within NxP≤130.	4	6									
BMZAFCAP																
Pneumatic (30 Sq.)																
	1					0	2									
Pitch Standard	2	1 (1/8)	1 (1/8)	25	25-50	1	3	30	30	20	20	7.5	7	5.5	9.5	
Pitch Configurable	3	2 (1/4)	2 (1/4)		*When 5 (M5) is selected for G, specify within NxP≤200.	2	4									
BMZAF	4	3 (3/8)	3 (3/8)		*When 1 (1/8) is selected for G, specify within NxP≤130.	3	5									
BMZAFAP	5	4 (1/2)	4 (1/2)		*When 1 (1/8) or 2 (1/4) is selected for G, specify within NxP≤130.	4	6									
BMZAFAP																
Pneumatic (40 Sq.)																
	1					0	2									
Pitch Standard	2	1 (1/8)	2 (1/4)	30	25-50	1	3	40	40	25	25	7	7	6.6	11	
Pitch Configurable	3	2 (1/4)	3 (3/8)		*specify within N+P≤130	2	4									
BMZAF	4	3 (3/8)	4 (1/2)			3	5									
BMZAFAP	5	4 (1/2)				4	6									

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

\*For Q and G, specify 1, 2, 3, 4, 5, M3 or M4 indicated before ( ). \*Single Circuit is not available for Pitch Configurable Type.

\*When \* marked 5 pneumatic outlet port configuration is selected from 20 Sq. / 30 Sq., 5 (M5) is not available for G. \*Mounting holes will be through holes for Pneumatic 15 and 20 Sq. Types.



Ordering Example  
Part Number - Q - G - P  
BMZF4 - Q1 - G2 - P30  
BMZFP3 - Q2 - G2 - P30  
G-BMZFP3 - Q2 - G2 - P30 (G Thread)

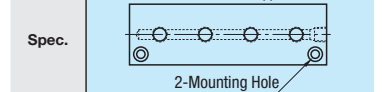
Number of Circuits	Unit Price														
	Pitch Standard						Pitch Configurable								
	25x32 Sq.		30x35 Sq.				25x32 Sq.		30x35 Sq.						
1	BMZS	BMZSM	BMZSR	BMZF	BMZFM	BMZFR	BMZSMP	BMZSRP	BMZFP	BMZFMP	BMZFRP				
2															
3															
4															
5															

Number of Circuits	Unit Price														
	Pitch Standard						Pitch Configurable								
	15 Sq.	20 Sq.	30 Sq.	40 Sq.	20 Sq.	30 Sq.	40 Sq.	20 Sq.	30 Sq.	40 Sq.					
1	BMZAS	BMZASA	BMZAF	BMZAFCA	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF	BMZAF
2															
3															
4															
5															



Alterations  
Part Number - Q - G - P - (CR)  
BMZFP3 - Q2 - G2 - P30 - CR

Alteration Through hole orientation Symmetrically opposite  
Machine lateral hole G on the opposite side.



Code CR