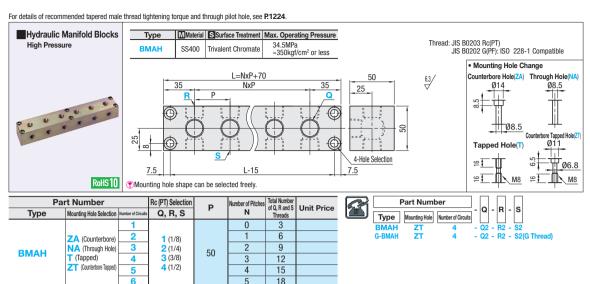
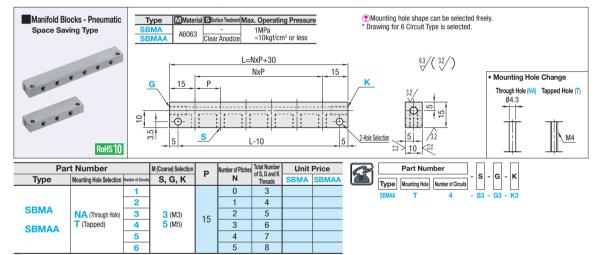
Manifold Blocks - Hydraulic, Pneumatic

High Pressure / Space Saving Type / Double-Row

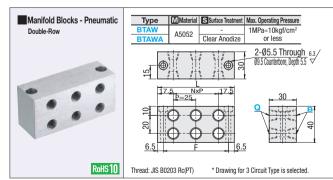




• By inserting "G-" before part number, the thread type can be changed to the G (PF) Thread as part of ordering. (Ex. G-BMAH) For ordering, see the Ordering Example • For O, R and S, specify 1, 2, 3, or 4 indicated before ().
• Only 6 Circuit Type has an additional mounting hole at the midpoint of the overall length.



Pror S, G and K, specify 3 or 5 indicated before (). N indicates number of nitches



| Part Number | | Rc (PT), M (Co | | NxP | - | Number | Unit Price | | |
|-------------|--------------------|------------------------------|------------------------------|------|------|--------|------------|------|-------|
| Type | Number of Circuits | Q | В | | INXP | г | of Ports | BTAW | BTAWA |
| | 1 | | 5 (M5) 1 (1/8) 2 (1/4) | 35 | 0 | 22 | 4 | | |
| BTAWA | 2 | 5 (M5) 1 (1/8) 2 (1/4) | | 60 | 1x25 | 47 | 8 | | |
| | 3 | | | 85 | 2x25 | 72 | 12 | | |
| | 4 | | | 110 | 3x25 | 97 | 16 | | |
| | 5 | 2 (1/4) | 135 | 4x25 | 122 | 20 | | | |
| | 6 | | | 160 | 5v25 | 1/17 | 2/ | | |

Features:

Part Number - Q - B

Two-stage piping arrangement saves

For Q and B, specify 1, 2 or 5 indicated before () Only No. 6 has an additional M5 screw hole at the midpoint of the overall length.



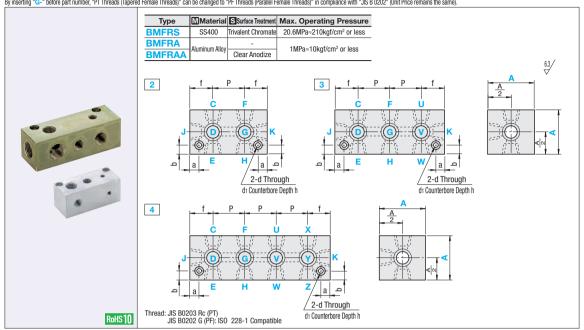
Manifold Blocks - Hydraulic, Pneumatic

Selectable Thread Size



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

For this type of manifold, when the basic thread diameter is selected, all the hole diameters are unified to this selected value. After a certain hole position is individually specified in the range of J ~ Z, the diameter of the mating thread becomes selectable 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).



| Part Nu | ımber | Block Square | Basic Thread | Diameter | Alter | native 1 | Thread Siz | e Selecti | on Rc (PT |), M (Coa | rse) | Р | f | а | b | d | d ₁ | h | |
|---------------|--------------------|--------------|----------------|----------------|----------------|---------------------------|----------------|------------------------|---------------|--------------|---------|----|----|----|---|-----|----------------|-----|-----|
| Туре | Number of Circuits | A . | Rc (PT), M (| Coarse) | | JK (0 only), CDEFGHUVWXYZ | | | | | | _ | ' | а | D | u | u1 | " | |
| | | 25 | 5 (M5) 1 (1/ | 3) | O (No Hole) | 5 (M5) | 1 (1/8) | | | | | 20 | 16 | 8 | 5 | 4.5 | 8 | 4.5 | |
| | | 30 | 1 (1/8) 2 (1/4 | 4) | O (No Hole) | 5 (M5) | 1 (1/8) | 2 (1/4) | | | | 25 | 15 | 5 | 5 | 4.5 | 8 | 4.5 | |
| | | 35 | 4 (1 (0) 0 (1) | 0 | O (No Hole) | 5 (M5) | 1 (1/8) | 2 (1/4) | 3 (3/8) | | | 30 | 20 | 6 | , | 5.5 | 0.5 | | |
| BMFRS | 2 | 2 | 33 | 1 (1/8) 2 (1/4 | !) | Combinat | tion of 3 a | ınd 3 is not a | vailable at r | ight angles. | | | 30 | 20 | | ' | 5.5 | 9.0 | 5.5 |
| BMFRA | 3 | 40 | 2 (1/4) 3 (3/ | ٥١ | O (No Hole) | 5 (M5) | 1 (1/8) | 2 (1/4) | 3 (3/8) | 4 (1/2) | | 40 | 22 | 6. | E | 6.6 | 11 | 6.5 | |
| BMFRAA | BMFRAA 4 4 40 | | | 0) | Combinat | ion of 4 a | nd 4 is not av | <i>r</i> ailable at ri | ght angles. | | | 40 | 22 | 0. | э | 0.0 | 11 | 0.0 | |
| | | 50 | 0 (1 (4) 0 (0) | 0) 4 (4 (0) | O (No Hole) | 5 (M5) | 1 (1/8) | 2 (1/4) | 3 (3/8) | 4 (1/2) | 6 (3/4) | 50 | 20 | | , | 0.5 | 11 | 0 E | |
| (Standard | (Standard | | 2 (1/4) 3 (3/ | 0) 4 (1/2) | Combinat | ion of 6 ar | nd 6 is not av | ailable at riç | jht angles. | | | 50 | 30 | 8 |) | 8.5 | 14 | 8.5 | |
| Change: 60N) | | 60N | 3 (3/8) 4 (1/2 | 2) 6 (3/4) | O (No Hole) | 5 (M5) | 1 (1/8) | 2 (1/4) | 3 (3/8) | 4 (1/2) | 6 (3/4) | 60 | 30 | 8 | } | 8.5 | 14 | 8.5 | |

• A=25 is applicable to BMFRA and BMFRAA only, and A=60 to BMFRS only. • For thread diameter selection, specify 0, 5, 1, 2, 3, 4 or 6 indicated before ().

For the purposes of improved standardization, the former A dimension 60 has been changed to "60N." The a/b dimension standard of 8 mm was formerly 10 mm. The 10-mm standard will be discontinued in September 2022.



Part Number - A - Basic Thread Diameter -

D2 - E2 - E1 - F1

- U0 - V3 - W3

How to Select Thread Size

[Step I] Select the most frequently used thread diameter as basic thread diameter. [Ordering Example] Select 4 (1/2).

[Step II] Select the ports needed to change from the basic thread diameter and the desired thread size. [Ordering Example] D2-E2-G2-U0-V3-W3

PDiameter of J and K is not changeable. Specify J0–K0 when J and K are not necessary. (No through hole for them. Value selection of "O (zero)" for either J or K is not acceptable.)

○ BMFRS4-60-4 -D2 × BMFRS4-60-4-J0 -D2



| Alterations | Code | Spec. |
|---|------------------|--|
| P Dimension Change PC PC PCW PC PCW PC PCW PC PCW PCT | PC PCW PCT | Changes the P dimension in 1mm increment. (Ex.) PC38–PCW30 ②20≤PC, PCW, PCT≤50 ③For BMFRS, the operating pressure falls belothe standard pressure value: 1MPa≈10kgf/crwhen the pitch is made shorter than defauvalue. ③L dimension changes as much as the change in P dimension. |

| | Number of | Block Square A Unit Price | | | | | | | | | |
|---------------|--------------|---------------------------|----|----|----|----|-----|--|--|--|--|
| Type | Circuits | 25 | 30 | 35 | 40 | 50 | 60N | | | | |
| | 2 | - | | | | | | | | | |
| BMFRS | 3 | - | | | | | | | | | |
| | 4 | - | | | | | | | | | |
| | 2 | | | | | | - | | | | |
| BMFRA | 3 | | | | | | - | | | | |
| | 4 | | | | | | - | | | | |
| | 2 | | | | | | - | | | | |
| BMFRAA | 3 | | | | | | - | | | | |
| | 4 | | | | | | - | | | | |
| | | | | | | | | | | | |

2 -1251