


Terminal Blocks - Hydraulic / Pneumatic

L-Shaped Hole

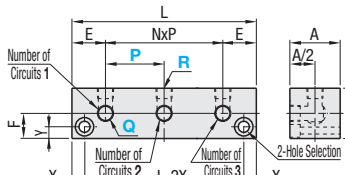
For details of recommended tapered male thread tightening torque and through pilot holes, see P1224.

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).

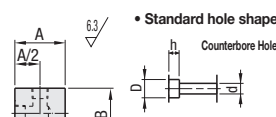


RoHS 10

Type										Material	Surface Treatment	Max. Operating Pressure
Pitch (P) Standard					Pitch (P) Configurable							
20 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.			
BTL SB	BTL S	BTL SK	BTL SFL	BTL SFLK	BTL L	BTL SP	BTL SKP	BTL SFLP	BTL SFLKP	SS400 (BTL SFLKPM)	Trivalent Chromate	20 MPa=210kgf/cm ² or less
-	BTL SM	BTL SMK	BTL SFLM	BTL SFLKM	-	BTL SMP	BTL SKMP	-	-	SS400 (BTL SFLKPM)	Electroless Nickel Plating	
BTL SBR	BTL SR	BTL SRK	BTL SFLR	-	-	BTL SRP	BTL SRKP	-	-	SUS304	-	
-	BTL SS	-	-	-	-	-	-	-	-	SUS316	-	
-	BTL SC	-	-	-	-	-	-	-	-	Brass	-	1MPa=10kgf/cm ² or less



Number of Circuits 1
Number of Circuits 2
Number of Circuits 3
L-2X
X




Standard hole shape
Counterbore Hole
6.3
A/2
B

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.1.20.1-1938(NPT)

Mounting Hole Change

Through Hole (NA) Tapped Hole (T) Counterbore Tapped Hole (ZT)



Ⓜ Mounting hole shape can be selected freely.

Ⓜ Standard hole shape is selected when no hole shape modification is specified.

*Drawing for 3 Circuit Type is selected. The total number of Q and R threads is 6.

<L Dimension Calculation>
Ex.: For BTLSP3- ~ -P35
L=NxP+2E= (Number of Circuits 3-1) x 35 + 2 x 20 = 110

Type	Part Number	Mounting Hole Change	Rc (PT), NPT Selection	Pitch P		Number of Pitches	Q, R		A	B	E	F	X	Y	Mounting Hole
				Standard	Configurable (mm increment)		Q	R							
Pitch Standard BTL SB BTL SBR	(20 Sq.)	NA (Through)	1 (1/8)	-	-	0	2	20	20	20	10	6	6	6	M5
						1	4								
						2	6								
						3	8								
						4	10								
						5	12								
						6	14								
						7	16								
Pitch Standard Pitch Configurable BTL S BTL SP BTL SM BTL SMP BTL SR BTL SRP BTL SS BTL SC	(30 Sq.)	T (Tapped)	1 (1/8) 2 (1/4) 3 (3/8) 4 (1/2) 5 (NPT1/8) 6 (NPT1/4) 7 (NPT3/8) 8	-	25-60	0	2	30	30	20	15	7.5	7	7	M6
						1	4								
						2	6								
						3	8								
						4	10								
						5	12								
						6	14								
						7	16								
Pitch Standard Pitch Configurable BTL SK BTL SKP BTL SMK BTL SKMP BTL SRK BTL SRKP	(40 Sq.)	ZT (Counterbore Tapped)	1 (1/8) 2 (1/4) 3 (3/8) 4 (NPT1/8) 5 (NPT1/4) 6 (NPT3/8) 7 8	-	25-60	0	2	40	40	20	20	7.5	7	7	M6
						1	4								
						2	6								
						3	8								
						4	10								
						5	12								
						6	14								
						7	16								
Pitch Standard Pitch Configurable BTL SFL BTL SFLP BTL SFLM BTL SFLR	(50 Sq.)	NA (Through)	2 (1/4) 3 (3/8) 4 (1/2) 5 (3/4) 6	-	35-60	0	2	50	50	30	25	7.5	8	8	M8
						1	4								
						2	6								
						3	8								
						4	10								
						5	12								
Pitch Standard Pitch Configurable BTL SFLK BTL SFLKP BTL SFLKM	(60 Sq.)	NA (Through)	2 (1/4) 3 (3/8) 4 (1/2) 5 (3/4) 6	-	35-60	0	2	60	60	30	30	7.5	8	8	M8
						1	4								
						2	6								
						3	8								
						4	10								
						5	12								
Pitch Standard BTL L	(70 Sq.)	NA (Through)	6 (3/4) 8 (1)	-	-	0	2	70	70	40	35	10	9	9	M8
						1	4								
						2	6								
						3	8								

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

Ⓜ For Q and R, specify 1, 2, 3, 4, 6, 8, 1N, 2N, or 3N 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 G and R 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 pitch, and 5 - 6 pitch from the left to the right. (Except 20 Sq.)

Ⓜ For Block Square □30 Type, when 3/8 is selected for Q and R, tapered male threads may interfere with each other. Select Block Square □40 Type instead.

Ⓜ For Block Square □50 Type, when 3/4 is selected for Q and R, tapered male threads may interfere with each other. Select Block Square □60 Type instead.

Number of Circuits	Pitch (P) Standard Unit Price															
	20 Sq.			30 Sq.			40 Sq.			50 Sq.			60 Sq.			70 Sq.
	BTL SB	BTL SBR	BTL S	BTL SM	BTL SR	BTL SS	BTL SC	BTL SK	BTL SMK	BTL SRK	BTL SFL	BTL SFLM	BTL SFLR	BTL SFLK	BTL SFLKM	BTL L
1																
2																
3																
4																
5																
6																
7																
8																

Number of Circuits	Pitch (P) Configurable Unit Price							
	30 Sq.		40 Sq.		50 Sq.	60 Sq.		
	BTL SP	BTL SMP	BTL SRP	BTL SKP	BTL SKMP	BTL SRKP	BTL SFLP	BTL SFLKP
2								
3								
4								
5								
6								
7								
8								