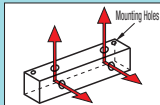


Terminal Blocks - Hydraulic / Pneumatic

L-Shaped 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).

RoHS10

- ① Mounting hole shape can be selected freely.
- ② Standard hole shape is selected when no hole shape modification is specified.

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.								
BTLSB	BTLS	BTLSK	BTLSFL	BTLSFLK	BTLL	BTLSKP	BTLSKP	BTLSFLP	BTLSFLKP	EN 1.0038 Equiv.	Trivalent Chromate	20.6MPa≈210kgf/cm ² or less	Electroless Nickel Plating				
-	BTLSM	BTLSMK	BTLSFLM	BTLSFLKM	-	BTLSMP	BTLSMKP	-	-	EN 1.4301 Equiv.	-						
BTLSBR	BTLSR	BTLSRK	BTLSFLR	-	-	BTLSRP	BTLSRKP	-	-	EN 1.4401 Equiv.	-						
-	BTLS	-	-	-	-	-	-	-	-	Brass	-	1MPa≈10kgf/cm ² or less					

• 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 B1.20.1-1983(NPT)

• Mounting Hole Change

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

*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

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

Part Number			Rc (PT), NPT Selection	Pitch P		Number of Pitches		Q, R		A	B	E	F	X	Y	Mounting Hole
Type	Mounting Hole Change	Number of Circuits	Q, R	Standard	Configurable Term Increment	N	Total Number of Threads									M
(20 Sq.)		1	1 (1/8)	-	25	0	2	20	20	20	10	6	6	6	M5	
Pitch Standard		2		1		4										
BTLSB		3		2		6										
		4		3		8										
		5		4		10										
		6		5		12										
		7		6		14										
		8		7		16										
(30 Sq.)		1	1 (1/8) 2 (1/4) 3 (3/8) 1N (NPT1/8) 2N (NPT1/4) 3N (NPT3/8)	-	-	0	2	30	30	20	15	7.5	7	7	M6	
Pitch Standard	Pitch Configurable	2		1	4											
BTLS	BTLSP	3		2	6											
BTLSM	BTLSMP	4		3	8											
BTLSR	BTLSRP	5		4	10											
BTLS		6		5	12											
BTLS		7		6	14											
BTLS		8		7	16											
(40 Sq.)	NA (Through)	1	1 (1/8) 2 (1/4) 3 (3/8) 1N (NPT1/8) 2N (NPT1/4) 3N (NPT3/8)	-	-	0	2	40	40	20	20	7.5	7	7	M6	
Pitch Standard	Pitch Configurable	2		1	4											
BTLSK	BTLSKP	3		2	6											
BTLSMK	BTLSMKP	4		3	8											
BTLSRK	BTLSRKP	5		4	10											
		6		5	12											
		7		6	14											
		8		7	16											
(50 Sq.)		1	2 (1/4) 3 (3/8) 4 (1/2) 6 (3/4)	-	-	0	2	50	50	30	25	7.5	8	8	M8	
Pitch Standard	Pitch Configurable	2		1	4											
BTLSFL	BTLSFLP	3		2	6											
BTLSFLM		4		3	8											
BTLSFLR		5		4	10											
		6		5	12											
(60 Sq.)		1	2 (1/4) 3 (3/8) 4 (1/2) 6 (3/4)	-	-	0	2	60	60	30	30	7.5	8	8	M8	
Pitch Standard	Pitch Configurable	2		1	4											
BTLSFLK	BTLSFLKP	3		2	6											
		4		3	8											
		5		4	10											
		6		5	12											
(70 Sq.)		1	6 (3/4) 8 (1)	-	-	0	2	70	70	40	35	10	9	9	M8	
Pitch Standard		2		1		4										
BTLL		3		2		6										
		4		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-BTLS) For ordering, see the Ordering Example.

For Q and R, specify 1, 2, 3, 4, 5, M3, M4, 1N or 2N indicated before (.).

Specify the pitch taking into consideration the necessary dimensions for fitting the couplings.

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 port pitch, and 5 - 6 port 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 □25 Type, when 1/4 is selected for Q and R, tapered male threads may interfere with each other. Select Block Square □35 Type instead.

Number of Circuits	Pitch (P) Standard Unit Price												Pitch (P) Configurable Unit Price											
	20 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	30 Sq.	40 Sq.	50 Sq.	60 Sq.	70 Sq.	30 Sq.	40 Sq.	50 Sq.
1	BTLSB	BTLSBR	BTLS	BTLSK	BTLSFL	BTLSFLK	BTLSKP	BTLSKP	BTLSFLP	BTLSFLKP	BTLL	BTLSK	BTLSMK	BTLSRK	BTLSFL	BTLSFLK	BTLSFLM	BTLSFLR	BTLSFLKM	BTLSFLR	BTLSFLKM	BTLSFLR	BTLSFLKM	BTLSFLR
2																								
3																								
4																								
5																								
6																								
7																								
8																								

Number of Circuits	Pitch (P) Configurable						Unit Price	
	30 Sq.			40 Sq.			50 Sq.	60 Sq.
1	BTLSLP	BTLSMP	BTLSRP	BTLSKP	BTLSMKP	BTLSRKP	BTLSFLP	BTLSFLKP
2								
3								
4								
5								
6								
7							-	-
8							-	-

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	Pitch (P) Standard								Pitch (P) Configurable				Material	Surface Treatment
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