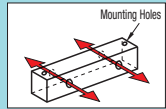


Terminal Blocks - Pneumatic

Vertical Through 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).

Type							Material	Surface Treatment	Max. Operating Pressure																																		
Pitch (P) Standard			Pitch (P) Configurable																																								
15 Sq.	20 Sq.	25 Sq.	35 Sq.	20 Sq.	25 Sq.	35 Sq.	A5052 (BTANSA) (BTANC) (BTANCA) (BTANL) (BTANLA) (BTANCP) (BTANCAP) (BTANLP)	Aluminum Alloy (BTA) (BTAA) (BTAP)	1MPa≈10kgf/cm ² or less																																		
-	BTANC	BTA	BTANL	BTANCP	BTAP	BTANLP				-	Clear Anodize																																
<p>• Drawing for 3 Circuit Type is selected. The total number of R and S threads is 6.</p> <p>Ⓢ Mounting hole shape can be selected freely.</p> <p>Ⓢ Standard hole shape is selected when no hole shape modification is specified.</p> <p>Note that the default of 15 Sq. and 20 Sq. is Through Hole.</p> <p><L Dimension Calculation> Ex.: For BTAP3--P35, L=NxP+2E= (Number of Circuits 3-1) x 35 + 2 x 20 = 110</p>																																											
<p>Ⓢ Material of 15 Sq. is A6063.</p> <table border="1"> <thead> <tr> <th>Mounting Hole Dimension</th> <th>d</th> <th>D</th> <th>h</th> <th>D1</th> <th>d1</th> <th>h1</th> </tr> </thead> <tbody> <tr> <td>M4</td> <td>4.3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>M5</td> <td>5.5</td> <td>9.5</td> <td>5.5</td> <td>8</td> <td>4.2</td> <td>4.5</td> </tr> <tr> <td>M6</td> <td>6.6</td> <td>11</td> <td>6.5</td> <td>9.5</td> <td>5.1</td> <td>5.5</td> </tr> </tbody> </table> <p>Thread: JIS B0203 Rc (PT) JIS B0202 G (PF); ISO 228-1 Compatible ANSI/ASME B.1.20.1-1983 (NPT)</p> <p>• Mounting Hole Change</p> <table border="1"> <thead> <tr> <th>Through Hole (NA)</th> <th>Tapped Hole (T)</th> <th>Counterbore Tapped Hole (ZT)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Mounting Hole Dimension	d	D	h	D1	d1	h1	M4	4.3	-	-	-	-	-	M5	5.5	9.5	5.5	8	4.2	4.5	M6	6.6	11	6.5	9.5	5.1	5.5	Through Hole (NA)	Tapped Hole (T)	Counterbore Tapped Hole (ZT)			
Mounting Hole Dimension	d	D	h	D1	d1	h1																																					
M4	4.3	-	-	-	-	-																																					
M5	5.5	9.5	5.5	8	4.2	4.5																																					
M6	6.6	11	6.5	9.5	5.1	5.5																																					
Through Hole (NA)	Tapped Hole (T)	Counterbore Tapped Hole (ZT)																																									



Part Number		Rc (PT), NPT, M (Coarse) Selection		Pitch P		Number of Pitches	Total Number of R and S Threads	A	B	E	X	Y	Mounting Hole M	
Type	Mounting Hole Change	Number of Circuits	R, S	Standard	Configurable 1mm Increment									
Pitch Standard BTANSA	T (Tapped)	1	M3 (M3) M4 (M4) 5 (M5)	-	-	0	2	15	15	15	5	7.5	M4	
		2		1	4									
		3		2	6									
		4		3	8									
		5		4	10									
		6		5	12									
		7		6	14									
		8		7	16									
Pitch Standard Pitch Configurable BTANC BTANCP BTANCA BTANCAP	T (Tapped)	1	1 (1/8) M3 (M3) M4 (M4) 5 (M5)	-	-	0	2	15	20	20	5	10	M5	
		2		1	4									
		3		2	6									
		4		3	8									
		5		4	10									
		6		5	12									
		7		6	14									
		8		7	16									
Pitch Standard Pitch Configurable BTA BTAP BTAA	NA (Through)	1	1 (1/8) 2 (1/4) 5 (M5) 1N (NPT1/8) 2N (NPT1/4)	-	-	0	2	25	25	20	7.5	12.5	M5	
		2		1	4									
		3		2	6									
		4		3	8									
		5		4	10									
		6		5	12									
		7		6	14									
		8		7	16									
Pitch Standard Pitch Configurable BTANL BTANLP BTANLA	ZT (Counterbore Tapped)	1	2 (1/4) 3 (3/8) 4 (1/2)	-	-	0	2	40	35	35	25	7.5	17.5	M6
		2		1	4									
		3		2	6									
		4		3	8									
		5		4	10									
		6		5	12									
		7		6	14									
		8		7	16									

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

Ⓢ For R and S, specify 1, 2, 3, 4, 5, M3, M4, 1N or 2N indicated before (.). Ⓢ Single Circuit is not available for Pitch Configurable Type. Ⓢ 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 15 and 20 Sq.)



Part Number			R	S	P
Type	Mounting Hole Change	Number of Circuits			
BTA	T	3	R1	S2	
BTAP	ZT	4	R2	S2	P50
G-BTAP	ZT	4	R2	S2	P50 (G Thread)

Number of Circuits	Pitch (P) Standard						Pitch (P) Configurable				
	15 Sq.	20 Sq.		25 Sq.		35 Sq.		20 Sq.	25 Sq.	35 Sq.	
	BTANSA	BTANC	BTANCA	BTA	BTAA	BTANL	BTANLA	BTANCP	BTANCAP	BTAP	BTANLP
1											
2											
3											
4											
5											
6											
7											
8											