

Heat Insulating Plates

High Strength Grade, High Temperature Resistant Grade

High Strength



High Temp. Resistant

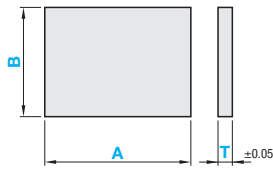


Type	Tolerance Selection	Dim. Tolerance of A and B	Grade	Color	Operating Ambient Temperature
HIPYA	Not Specified	+1.0 0	High Strength	Brown	Room Temp. ~ 180°C
	P	±0.3			
HIPLA	Not Specified	+1.0 0	High Temp. Resistance	White	-80°C~ 400°C
	P	±0.3			

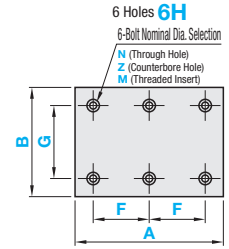
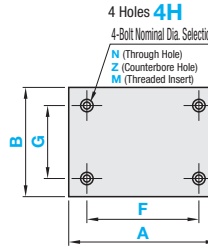
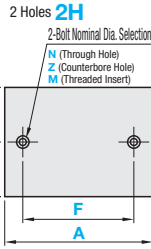
RoHS10

Properties and Machining Conditions P.1675

Standard



With Holes



A ≥ B

Standard

Type	Tolerance Selection	1mm Increment		Selection T
		A	B	
HIPYA HIPLA	Not Specified	20~800	20~600	3 5 10 15
	P	20~200	20~200	5 10

Hole Machining Detail

N (Through Hole)		Z (Counterbore Hole)	M (Threaded Insert)																													
Table 1 <table border="1"> <thead> <tr> <th>Bolt Nominal Dia.</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>8</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>d</td> <td>3.5</td> <td>4.5</td> <td>5.5</td> <td>6.5</td> <td>9</td> <td>11</td> </tr> <tr> <td>d1</td> <td>-</td> <td>8</td> <td>9.5</td> <td>11</td> <td>14</td> <td>-</td> </tr> <tr> <td>h</td> <td>-</td> <td>5</td> <td>6</td> <td>7</td> <td>9</td> <td>-</td> </tr> </tbody> </table>					Bolt Nominal Dia.	3	4	5	6	8	10	d	3.5	4.5	5.5	6.5	9	11	d1	-	8	9.5	11	14	-	h	-	5	6	7	9	-
Bolt Nominal Dia.	3	4	5	6	8	10																										
d	3.5	4.5	5.5	6.5	9	11																										
d1	-	8	9.5	11	14	-																										
h	-	5	6	7	9	-																										
Ordering Code (Ex.) M4-L6 L ≤ T-1 For details of Threaded Insert HLTS, P.271 See																																

When L+5<T, machined holes will be blind ones.

With Holes

Type	Tolerance Selection	Number of Holes	1mm Increment		Selection T	0.5mm Increment		Bolt Hole Nominal Dia. Selection				
			A	B		F	G	Through Hole N	Counterbore Hole Z	Threaded Insert M	L	
HIPYA HIPLA	Not Specified	2H 4H 6H	20~800	20~600	3	9~791 (2H, 4H Type) 9~395 (6H Type)	5~595 (2H) 9~591 (Other than 2H)	3 4 5 6 8 10	-	-	-	-
					5				3 4	-	-	
					10				4 5 6	3 4 5 6 8	-	-
					15				4 5 6 8	3 4 5 6 8 10	-	-
	P	20~200	20~200	5	9~191 (2H, 4H Type) 9~95 (6H Type)	5~195 (2H) 9~191 (Other than 2H)	-	3 4	-	-		
				10	4 5 6	3 4 5 6 8	-	-				

F Dimension Range: For 2H and 4H, $d(d_1)+5 \leq F \leq A-d(d_1)-5$; for 6H, $d(d_1)+5 \leq F \leq A/2-d(d_1)/2-2.5$.

G Dimension Range: For 2H, $d(d_1)/2+2.5 \leq G \leq B-d(d_1)/2-2.5$; for 4H and 6H, $d(d_1)+5 \leq G \leq B-d(d_1)-5$.
(d for through hole and threaded insert, d1 for counterbore)

For Hole Type, select N (through hole), Z (counterbore hole), or M (threaded insert) and L (insert length).



Standard
 Ordering Example Part Number - A - B - T
 HIPYA - 300 - 222 - 10
 HIPYAP - 200 - 100 - 5

With Holes

Part Number - A - B - T - F - G - Bolt Nominal Dia. - L
 HIPYA2H - 200 - 170 - 15 - F100 - G70 - N8
 HIPYA2H - 300 - 185 - 10 - F150 - G80 - M5 - L7.5



Alterations Part Number - A - B - T - F - G - Bolt Nominal Dia. - (XC, YC, ZC)
 HIPYA4H - 100 - 100 - 10 - F60 - G70 - Z4 - XC10
 HIPYA - 100 - 100 - 5 - F60 - G70 - ZC10-H40-J50

Alterations Code	Hole Position from Left XC	Hole Position from Bottom YC	Slot Hole ZC
Spec.	 XC=1mm Increment 5 ≤ XC ≤ 786 (2H, 4H Type) $d(d_1)/2+2.5 \leq XC \leq A-F-d(d_1)/2-2.5$ (6H Type) $d(d_1)/2+2.5 \leq XC \leq A-2F-d(d_1)/2-2.5$	 YC=1mm Increment 5 ≤ YC ≤ 586 $d(d_1)/2+2.5 \leq YC \leq B-G-d(d_1)/2-2.5$ Not applicable to 2H Type.	 ZC=5mm Increment H, J=1mm Increment 10 ≤ ZC ≤ 120 10 ≤ H ≤ A-ZC-5 0 ≤ J ≤ B-ZC/2-5 When Hole Type is specified, 5mm or more is required for the distance between hole and slot hole to be.