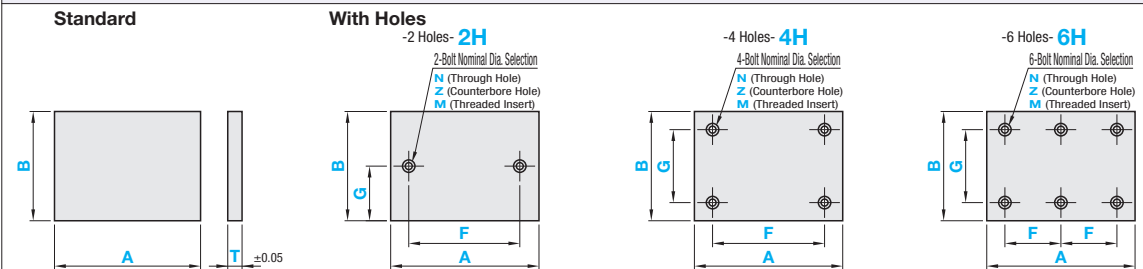
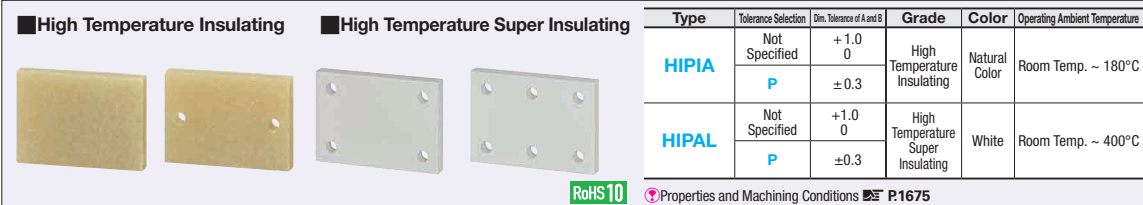


High Temperature Insulating GradeHigh Temperature Super Insulating Grade



Standard					
Part Number		1mm Increment		T Selection	
Type	Tolerance Selection	A	B	HIPIA	HIPAL
HIPIA HIPAL	Not Specified	20~800	20~600	3 5 10 15	3 5 10 15
	P	20~200	20~200	5 10	5 10

Hole Machining Detail						
N (Through Hole)		Z (Counterbore Hole)		M (Threaded Insert)		
						
Ball 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	-

With Holes										When L÷5<L, machined holes will be blind ones			
Part Number			1mm Increment		T Selection		0.5mm Increment		Bolt Hole Nominal Dia. Selection				
Type	Tolerance Selection	Number of Holes	A	B	HIPIA	HIPAL	F	G	Through Hole N	Counterbore Hole Z	Threaded Insert M L		
HIPIA HIPAL	Not Specified	2H 4H 6H	20~800	20~600	3	3	9~791 (2H, 4H Type)	5~595 (2H)	3 4 5 6 8 10	-	-	-	
					5	5				-	3 4		
					10	10	9~395 (6H Type)	5~591 (Other than 2H)		4 5 6	3 4 5 6 8		
					15	15				4 5 6 8	3 4 5 6 8 10		
	P	20~200	20~200	5	5	9~191 (2H, 4H Type)	5~195 (2H)	-	3 4	Select from Table 1			
				10	10			9~95 (6H Type)	9~191 (Other than 2H)		4 5 6	3 4 5 6 8	

F Dimension Range: For 2H and 4H, $d(d_1)+5 \leq F \leq d-(d_1)-5$; for 6H, $d(d_1)+5 \leq F \leq A/2-(d_1)/2-2.5$.
 G Dimension Range: For 2H, $d(d_1)/2+2.5 \leq G \leq B-(d_1)/2-2.5$; for 4H and 6H, $d(d_1)+5 \leq G \leq B-(d_1)-5$.
 (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														
	Part Number	-	A	-	B	-	T								
	HIPIA	-	300	-	222	-	10								
	HIIPALP	-	200	-	100	-	5								
With Holes															
	Part Number	-	A	-	B	-	T	-	F	-	G	-	Bolt Nominal Dia.	-	L
	HIPIAP2H	-	200	-	170	-	10	-	F100	-	G70	-	N8		
	HIPIA4H	-	300	-	200	-	10	-	F150	-	G120	-	M5		L7.5

Alterations Part Number - A - B - T - F - G - Bolt Nominal Dia. - (XC, YC)
 HPIA4H - 100 - 100 - 5 - F40 - G50 - M6 - XC30-XC20

Alterations Code	Hole Position from Left XC	Hole Position from Bottom YC
Spec.	XC=1mm Increment ⚙ 5XC=506 ⚙ 2H, 4H Type d(d)/2+2.5XC≤A-F(d)/2-2.5 ⚙ 6H Type d(d)/2+2.5XC≤A-2F(d)/2-2.5	YC=1mm Increment ⚙ 5YC=506 ⚙ d(d)/2+2.5YC≤B-G-d(d)/2-2.5 ⚙ Not applicable to 2H Type.

■ **Standard Type Unit Price (HIPIA, HIPAL)**  The price of HIPIAP and HIPALP is found by adding the tolerance selection charge to the Standard Type unit price.

[illegible]

Tolerance Selection Charge				Hole Machining Charge			
Additional Price		Unit Price B		With Holes	Unit Price Bolt Nominal		
		20~100	101~200		N (Through Hole)	Z (Counterbore Hole)	M (Threaded Insert)
A	20~100		-	2H			
	101~200			4H			
				6H			

📌 The price of Hole Type is Standard Type Unit Price plus Hole Machining Charge

(Ex.) **Part Number** - **A** - **B** - **T** - **F** - **G** - **Bolt Nominal Dia.**
HIPIA4H - **300** - **200** - **10** - **F240** - **G160** - **Z6**

$$(\text{Standard Type Unit Price}) + (\text{Hole Machining Charge}) = \text{Hole Machined Type Unit Price}$$