

# Heat Insulating Plates

## High Temperature Insulating Grade



Type	Tolerance Selection	Dim. Tolerance of A and B	Color	Operating Ambient Temperature
HRMB	Not Specified	+1.0 0	White	Room Temp. ~ 1000°C
	P	±0.3		



Properties and Machining Conditions P:1675

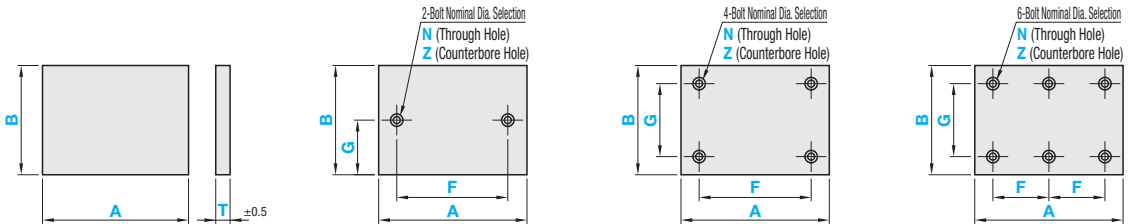
### Standard

### With Holes

2 Holes **2H**

4 Holes **4H**

6 Holes **6H**



A ≥ B

### Standard

Part Number Type	Tolerance Selection	1mm Increment		Selection T
		A	B	
HRMB	Not Specified	20~800	20~600	12.7
	P			19.1
				25.4

Hole Machining Detail																													
N (Through Hole)	Z (Counterbore Hole)																												
<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	-																							

### With Holes

Type	Part Number 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	
HRMB	Not Specified	2H 4H 6H	20~800	20~600	12.7	9~791 (2H, 4H Type)	5~595 (2H)	3 4 5 6 8 10	4 5 6	
					19.1				4 5 6 8	
					25.4				4 5 6 8	
	P		20~200	20~200	12.7	9~191 (2H, 4H Type)	5~195 (2H)		4 5 6	
					19.1				4 5 6 8	
					25.4				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 is for Through Hole. d1 is for Counterbore.)

For Hole type, select from N (through hole), Z (Counterbore).



Ordering Example

### Standard

Part Number - A - B - T  
 HRMB - 300 - 222 - 12.7  
 HRMBP - 200 - 100 - 19.1

### With Holes

Part Number - A - B - T - F - G - Bolt Nominal Dia.  
 HRMB2H - 200 - 170 - 12.7 - F100 - G70 - N8  
 HRMBP4H - 200 - 150 - 12.7 - F150 - G120 - Z5