

Heat proof grade

HEAT INSULATION SHEET



For extra bolt hole processing other than 4-/6-bolt hole type, refer to P.1181

Non JIS material definition is listed on P.1351 - 1352

Heat Insulation Sheets

RoHS

Type	Dimension selection type	Dimension designation type	4-hole type	6-hole type
Heat proof grade	HIPH	HIPHS	HIPHS-4H	HIPHS-6H

Principal components

Main binder	Base material
Inorganic material (Phosphate type binder)	Glass fiber

Guide • Features **P.1165**
Durability data **P.1331**



Price

Quotation



Alterations

Part Number - **A** - **B** - **T** - **D** - **E** - **S** - **F** - **G** - (DW...etc.)
 HIPHS-4H - A420 - B350 - T10 - D60 - E360.0 - S300.0 - DW120

Available for bolt hole type

Alterations	Code	Spec.	1Code
	DW DDW DT DDT	DW • DT: Adds two D holes DDW • DDT: Adds three D holes DW, DDW, DT, DDT holes are located symmetrically about the center from points F and G. DW DDW DT DDT=1mm increments $D+8 \leq DW \leq A-(D+16)$ $(D \times 2) + 16 \leq DDW \leq A-(D+16)$ $D+8 \leq DT \leq B-(D+16)$ $(D \times 2) + 16 \leq DDT \leq B-(D+16)$	Quotation
	ZC	Changes the holes from M5 countersunk (T=5) to counterbore for M4 low head cap screw. (P.1187) $d1=8, d2=4.5, t=3$	
	HK	Changes from counterbores to drill holes (through). Select the bolt diameter	

Dimension selection • dimension designation type

HIPH • HIPHS (A,B=20~)

4-hole type

HIPHS-4H (A,B=45~)

6-hole type

HIPHS-6H (A,B=45~)

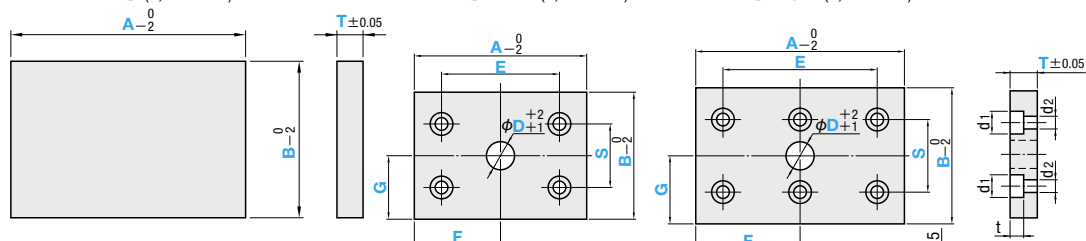


Table for bolt size (Bolts **P.1185**)

T	d1	d2	t	Bolts (recommended)
10	11	6.5	7	CB6
15	14	9	9	CB8

When there is no F or G specification
 $F=A/2$
 $G=B/2$

When T=5
 Hole addition for flat head bolt M5.
 We recommend using FB5-12.

The E and S bolt hole positions are located symmetrically about the center.

Dimension selection type

Part Number Type	A	B	Selection T
HIPH	300	300	3 5 10 15
	400	300	
	500	300	
	600	400	
	700	500	
	800	500	

Dimension designation type

Part Number Type	1mm increments		Selection T
	A	B	
HIPHS	20~50	20~50	3 5 10 15
	51~100	20~100	
	101~150	20~150	
	151~200	20~200	
	201~250	20~250	
	251~300	20~300	
	301~350	20~350	
	351~400	20~400	
	401~450	20~450	
	451~500	20~500	
	501~550	20~550	
	551~600	20~600	
	601~650		
	651~700		
	701~750		
751~800			

Bolt hole type

Part Number Type	1mm increments		Selection T	D	0.5mm increments E • S	1mm increments F • G
	A	B				
4-hole type HIPHS-4H	45~50	45~50	5	*0 20 25	4-hole type $d1+8 \leq E \leq A-(d1+8)$ $d1+8 \leq S \leq B-(d1+8)$	$D/2+8 \leq F \leq A-(D/2+8)$ $D/2+8 \leq G \leq B-(D/2+8)$
	51~100	45~100		*0 20 25 32		
	101~150	45~150		*0 20 25 32 45		
	151~200	45~200		50 60 100		
	201~250	45~250				
	251~300	45~300				
	301~350	45~350				
	351~400	45~400				
	401~450	45~450				
	451~500	45~500				
6-hole type HIPHS-6H	501~550	45~550	15	*0 20 25 32 45	6-hole type $2 \times d1 + 16 \leq E \leq A-(d1+8)$ $D+4 < E$ $d1+16 \leq S \leq B-(d1+8)$ $D+d1+4 < S$	When HK code is used, dimension $d1 \cdots d$.
	551~600			50 60 100 110 120		
	601~650					
	651~700	45~600				
	701~750					
	751~800					

*0... We will not add holes for ≠ D.



Order

Part Number - **A** - **B** - **T** - **D** - **E** - **S** - **F** - **G**
 HIPH - 400 - 400 - 10
 HIPHS - A235 - B 85 - T10
 HIPHS-4H - A420 - B350 - T10 - D60 - E360.0 - S300.0 - F200 - G170

Note that minimum 8mm distance is required between the bolt holes.



Days to Ship

Quotation