



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

Type	Dimension selection type	Dimension designation type	4-hole type	6-hole type
Bakelite-JIS PL-FLE-Grade	HIPC	HIPCS	HIPCS-4H	HIPCS-6H

Principal components

Main binder	Base material
Organic material (Phenol-resin)	Cotton cloth

Guide • Features [P.1165](#)
Durability data [P.1331](#)

— Dimension selection • dimension designation type —

HIPC • HIPCS (A,B=20~)

— 4-hole type — **HIPCS-4H** (A,B=45~)

— 6-hole type — **HIPCS-6H** (A,B=45~)

T dimension tolerance

T	3	5	10	15
\pm	±0.3	±0.4	±0.65	±0.8

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.



Quotation



Alterations

Part Number — A — B — T — D — E — S — F — G — (DW...etc.)
HIPCS-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.1185) d1=8, d2=4.5, t=3	
	HK	Changes from counterbores to drill holes (through). Select the bolt diameter	

Dimension selection type

Part Number Type	A	B	Selection T
HIPC	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	
HIPCS	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		
	601~650		
	651~700	20~600	
	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 — HIPCS-4H	45~50	45~50	5	*0 20 25	— 4-hole type — $d_1+8 \leq E \leq A-(d_1+8)$ $d_1+8 \leq S \leq B-(d_1+8)$	$D/2+8 \leq F \leq A-(D/2+8)$ $D/2+8 \leq G \leq B-(D/2+8)$
	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 — HIPCS-6H	501~550	45~550	15	*0 20 25 32 45	— 6-hole type — $2 \times d_1 + 16 \leq E \leq A-(d_1+8)$ $D+4 < E$ $d_1+16 \leq S \leq B-(d_1+8)$ $D+d_1+4 < S$	When HK code is used, dimension d1... 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

HIPC — 400 — 400 — 10

HIPCS — A235 — B 85 — T10

HIPCS-4H — A420 — B350 — T10 — D60 — E360.0 — S300.0

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



Days to Ship

Quotation