

Hinge Bases

Center Mounting

■ **Features:** Greatly reduces the mounting area. Mounting on the center of the body.

Type		Material	Surface Treatment
Counterbored Hole	Bottom Mount	S45CEquiv.	Black Oxide
HBNTB	HBNUB	EN 1.4301 Equiv.	—
HBNTS	HBNUS	—	—

Counterbored Hole

Bottom Mount

RoHS10

* When choosing W6 or Less, W tolerance is +0.05 ~ +0.2.

Part Number Type	DH7	W 1mm Increment	H 1mm Increment	A	P	B	C	S	d1	d	h	Unit Price	
												HBNTB	HBNTS
Counterbored Hole HBNTB HBNTS	4	4~12	12~20	16	8	4	3	5.5	6.5	3.5	3.5		
	5	6~12	14~25	20	10	6	4	7.5	8	4.5	4.5		
	6					8							
	8	10~20	17~25	28	14	10	5	9.5	9.5	5.5	5.5		
	10					12							
	12	12~22	22~35	32	16	13							
	13					14							
14													

* When W<d1 is specified, the knuckle joint shape is as the upper right photo shown above.

Part Number Type	DH7	W 1mm Increment	H 1mm Increment	A	P	B	C	S	M	Unit Price	
										HBNUB	HBNUS
Bottom Mount HBNUB HBNUS	4	4~12	15~20	16	10	4	3	10	M3		
	5	6~12	20~35	20	12	6	4	12	M4		
	6					8					
	8	10~20	30~45	28	14	10	5	14	M5		
	10					12					
	12	12~22		32	16	13					
	13					14					
14											

Ordering Example
 Part Number - W - H
 HBNTB10 - W8 - H20
 HBNUS12 - W12 - H35

■ **Features:** Compact in size, and small installation footprint.

• Comparison Table

D	HBNTB Type				HGCCB Type (P.1582)				HGCTB Type (P.1583)			
	Vertical	Horizontal	Installation Footprint	Reduction Ratio	Vertical	Horizontal	Installation Footprint	Reduction Ratio	Vertical	Horizontal	Installation Footprint	Reduction Ratio
4	16	16	256	-15%	12	25	300	-67%	28	28	784	-67%
5	16	16	256	-15%	19	32	608	-75%	32	32	1024	-75%
6	20	20	400	-40%	19	32	608	-61%	32	32	1024	-61%
8	20	20	400	-34%	19	32	608	-72%	38	38	1444	-72%
10	20	20	400	-43%	22	32	704	-72%	38	38	1444	-72%
12	28	28	784	-6%	22	38	836	-61%	45	45	2025	-61%
13	28	28	784	-17%	25	38	950	-69%	50	50	2500	-69%
14	32	32	1024	-32%	30	50	1500	-59%	50	50	2500	-59%

Hinge Bases

Center Fulcrum, 2 Point Mounting

■ **Features:** A dimension (lateral direction) has been minimized by placing a mounting hole in the center.

U-Shaped	T-Shaped	Material	Surface Treatment
HGCCJB	HGCCB	S45CEquiv.	Black Oxide
HGCCJM	HGCCM	EN 1.4301 Equiv.	Electroless Nickel Plating
HGCCJS	HGCCS	—	—

U-Shaped

T-Shaped

RoHS10

* For U-Shaped Type, when choosing W6 or Less, W tolerance is +0.05 ~ +0.2.

Part Number Type	DH7	A Selectable	W 1mm Increment	H 1mm Increment	C	F	B	S	T	d	Unit Price										
											U-Shaped			T-Shaped							
											HGCCJB	HGCCJM	HGCCJS	HGCCB	HGCCM	HGCCS					
U-Shaped HGCCJB HGCCJM HGCCJS	3	12	3~6	12~20	25	18	H+T/2	5	9	4.5											
	4	12	5~11	14~25	32	25					12	16									
	5	19																			
	6	19	5~14	17~25	32	25					16	16									
	8	22																			
	T-Shaped HGCCB HGCCM HGCCS	10	22	10~12	17~30	38					30	8	19	5.5	5.5						
		12	25	10~15	22~35																
13		25	10~15																		
14		30																			
15		30	12~20	26~40																	
16		30																			
20		38	15~25	28~45																	
25		38		36~50																	

Ordering Example
 Part Number - A - W - H
 HGCCJS12 - A22 - W10 - H30
 HGCCB10 - A25 - W12 - H20

