

Hinge Bases

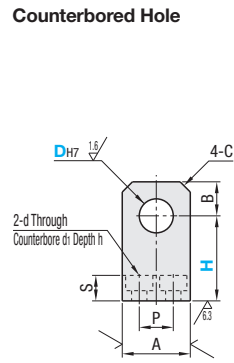
Center Mounting

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

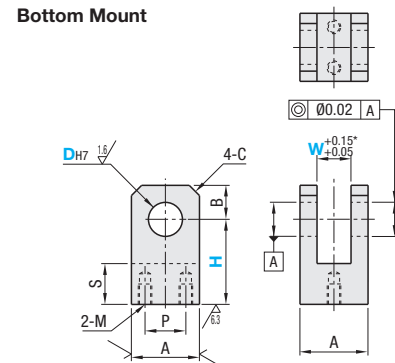


Type		M Material	S Surface Treatment
Counterbored Hole	Bottom Mount		
HBNTB	HBNUB	\$45CEquivalent	Black Oxide
HBNTS	HBNUS	SUS304	—

Counterbored Hole



Bottom Mount



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

Part Number		W	H	A	P	B	C	S	d1	d	h	Unit Price	
Type	DH7	1mm Increment	1mm Increment									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	6~12	14~25	20	10	6	4	7.5	8	4.5	4.5		
	8		17~25			8							
	10		17~30			10							
	12	10~20	22~35	28	14	12	5	9.5	9.5	5.5	5.5		
	13		22~35			13							
	14	12~22	26~40	32	16	14							

⚠ When $W < d_1$ is specified, the knuckle joint shape is as the upper right photo shown above.

Part Number		W	H	A	P	B	C	S	M	Unit Price	
Type	DH7	1mm Increment	1mm Increment							HBNUB	HBNUS
Bottom Mount HBNUB HBNUS	4	4~12	15~20	16	10	4	3	10	M3		
	5										
	6					6					
	8	6~12	20~35	20	12	8	4	12	M4		
	10					10					
	12					12					
	13	10~20	30~45	28	14	13	5	14	M5		
	14	12~22		32	16	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	Vertical	Horizontal	Installation Footprint	Reduction Rate	Vertical	Horizontal	Installation Footprint	Reduction Rate
4	16	16	256	12	25	300	-15%	28	28	784	-67%
5	16	16	256	19	32	608	-15%	32	32	1024	-75%
6	20	20	400	19	32	608	-40%	32	32	1024	-61%
8	20	20	400	19	32	608	-34%	38	38	1444	-72%
10	20	20	400	22	32	704	-43%	38	38	1444	-72%
12	28	28	784	22	38	836	-6%	45	45	2025	-61%
13	28	28	784	25	38	950	-17%	50	50	2500	-69%
14	32	32	1024	30	50	1500	-32%	50	50	2500	-59%

Hinge Bases

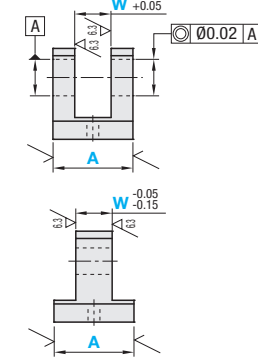
Center Fulcrum, 2 Point Mounting

■ **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	S45CEquivalent SUS304	Black Oxide
HGCCJM	HGCCM		Electroless Nickel Plating
HGCCJS	HGCCS		-

U-Shaped



T-Shaped

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

Part Number		A Selectable	W 1mm Increment	H 1mm Increment	C	F	B	S	T	d	Unit Price							
Type	DH7										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	19	5~11	14~25	32	25					12							
		22	5~14															
	6	19	5~11						17~25			16						
		22	5~14															
	8	19	6~11	22~35							8		19	5.5				
		22	6~14															
T-Shaped HGCCB HGCCM HGCCS	10	22	10~12	17~30				38	30		10	22	6.5					
		25	10~15															
	12	22	10~12	22~35	15	30		9										
		25	10~15															
	13	25	12~20	26~40	50	40		10	22									
	14	30																
	15	30																
	16	30																
20	38	15~25	28~45	65	50	15	30	9										
25	38		36~50															



Example

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



Example

