


# Hinge Bases

## A Compact / A, H Compact

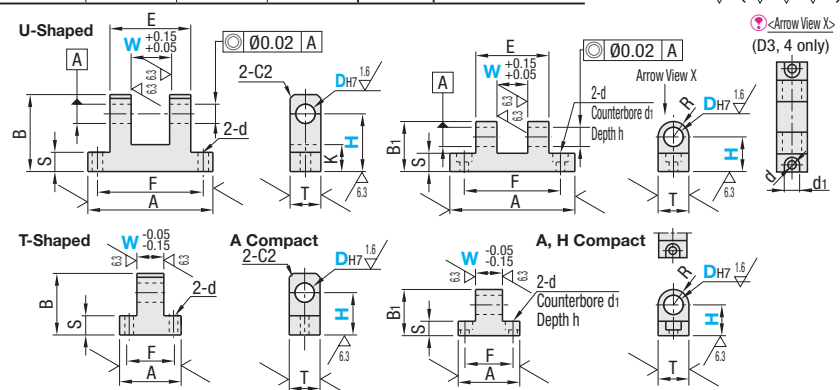
■ **Features:** A dimension (lateral direction) is more compact than conventional hinges. For A, H Compact, H dimension (lengthwise direction) is also compacted.



A Compact		A, H Compact		Material	Surface Treatment
U-Shaped	T-Shaped	U-Shaped	T-Shaped		
HGAAJB	HGAAB	HGHAJB	HGHAB	S45CEquivalent	Black Oxide
HGAAJM	-	HGHAJM	HGHAM		Electroless Nickel Plating
HGAAJS	-	HGHAJS	-	SUS304	Nickel

25 / (√63 / 1.6)

◀Arrow View X▶  
(D3, 4 only)



RoHS10

⚠ For A, H Compact U-Shaped Type, when choosing Dh7=3-4, no counterbore shown as <Allow View>. (When Dh7=5 or more, with counterbore)

### U-Shaped

\* Dimensions in ( ) are for A, H Compact Type.

Part Number	Type	Dh7	W 1mm Increment	H 1mm Increment		A	F	B	B <sub>1</sub> (H+R)	E	K	S	T	R (T/2)	d <sub>1</sub>	d	h
				A Compact	A, H Compact												
				A Compact													
HGAAJB		4	3-10	16-20	11-20	32	25	H+6	H+6	18 (17)							
HGAAJM		5	4-12	18-25	12-25	38	30	H+8	H+8	22	14	10 (9.5)	12	6	6.5	4.5 (3.5)	3.5
HGAAJS		6	5-12	19-25	12-25	50	40	H+8	H+8	30							
A, H Compact		8	6-18	25-30	16-30	65	55 (50)	H+10	H+9.5	42 (38)	15	15 (9.5)	16	8	8	5.5 (4.5)	4.5
HGHAJB		10	8-25 (20)	26-35	18-35												
HGHAJM		12	8-25 (20)	26-35	18-35	15	12-25 (20)	23-35	25-35	15	22 (25)	12.5	9.5	6.5 (5.5)	5.5		
HGHAJS		14	12-25 (20)	25-30	16-30											20	15-25 (20)
		15	12-25 (20)	25-30	16-30	75	60	H+14	H+15	45	18	15 (11.5)	25 (30)	15	11		
		16	12-25 (20)	25-30	16-30											20	15-25 (20)
		20	15-25	36-45	27-40	25	15-25	40-45	28-45	16	15 (11.5)	30 (32)	16	11	9 (6.5)		
		25	15-25	40-45	28-45												

### T-Shaped

\* Dimensions in ( ) are for A, H Compact Type.

Part Number	Type	Dh7	W 1mm Increment	H 1mm Increment		A	F	B	B <sub>1</sub> (H+R)	S	T	R (T/2)	d <sub>1</sub>	d	h
				A Compact	A, H Compact										
				A Compact											
HGAAB		4	3-6	14-20	11-20	25	18	H+6	H+6						
A, H Compact		5	4-10	16-25	12-25	32	25	H+8	H+8	10 (7.5)	16	8	8	4.5	4.5
HGHAJB		6	5-10	19-25	12-25										
		8	6-16 (15)	26-35	16-30	50	40	H+14	H+15	15 (11.5)	25 (30)	15	11	6.5	6.5
		10	8-16 (15)	26-35	16-30										
		12	8-16 (15)	27-35	18-35										
		13	12-20 (18)	28-35	20-35										
		14	12-20 (18)	28-35	20-35										
		15	12-20 (18)	28-35	20-35										
		16	12-20 (18)	28-35	20-35										
		20	15-25	39-45	27-40										
		25	20-25	40-45	28-45										



Ordering Example  
 Part Number - W - H  
 HGHAJS10 - W20 - H18  
 HGAAB10 - W12 - H30

### Comparison of A Dimensions

\* A dimension (lateral direction) has been shortened as well as F dimension (mounting dimension).

Dh7	A Compact						A, H Compact					
	U-Shaped			T-Shaped			U-Shaped			T-Shaped		
	Standard (P.1571)	A Compact	Reduction Ratio	Standard (P.1572)	A Compact	Reduction Ratio	Standard (P.1571)	A Compact	Reduction Ratio	Standard (P.1572)	A Compact	Reduction Ratio
3	32	25	-22%	25	22	-12%	32	25	-22%	25	22	-12%
4	38	32	-16%	32	25	-22%	38	32	-16%	32	25	-22%
5	50	38	-24%	32	25	-22%	50	38	-24%	32	25	-22%
6	65	50	-23%	38	32	-16%	65	50	-23%	38	32	-16%
10	75	65	-13%	50	38	-24%	75	65	-13%	50	38	-24%
12												
13												
14												
15	100	75	-25%	65	50	-23%	100	75	-25%	65	50	-23%
16												
20												
25												

Dh7	Unit Price								
	U-Shaped						T-Shaped		
	A Compact			A, H Compact			A Compact		A, H Compact
	HGAAJB	HGAAJM	HGAAJS	HGHAJB	HGHMJM	HGHAJS	HGAAB	HGHAB	HGHAM
3, 4									
5, 6									
8, 10									
12-14									
15, 16									
20									
25									