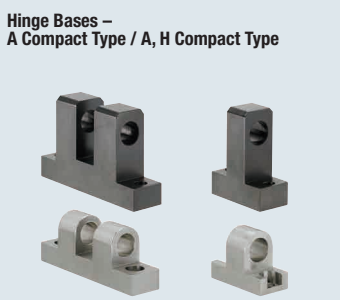


Hinge Bases

A Compact Type / A, H Compact Type

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

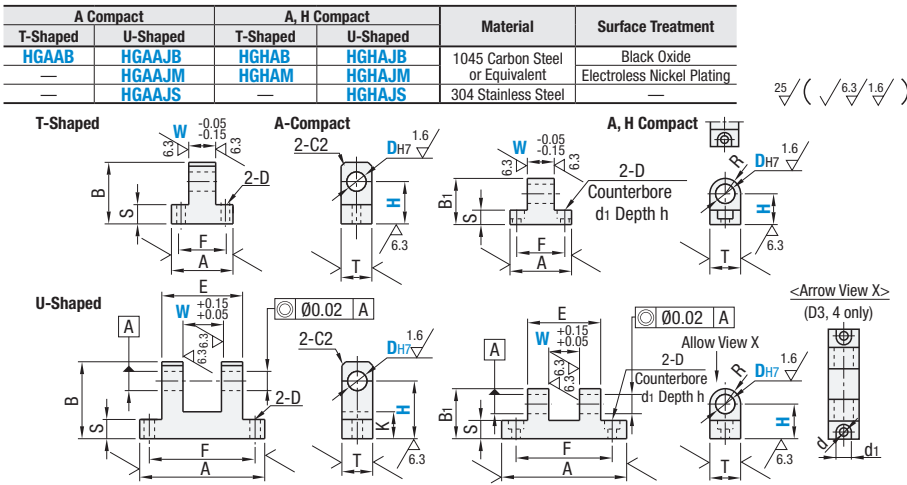


Hinge Bases – A Compact Type / A, H Compact Type

RoHS10

Ⓢ For A, H Compact Concave Type, when choosing D_{H7}3-4, there is no counterbore, as shown in View X. (When D_{H7}5 or more, with counterbore)

A Compact		A, H Compact		Material	Surface Treatment
T-Shaped	U-Shaped	T-Shaped	U-Shaped		
HGAAB	HGAAJB	HGHAB	HGHAJB	1045 Carbon Steel or Equivalent	Black Oxide
—	HGAAJM	HGHAM	HGHAJM	—	Electroless Nickel Plating
—	HGAAJS	—	HGHAJS	304 Stainless Steel	—



T-Shaped

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

Part Number	Type	D _{H7}	W	H		A	F	B	B ₁ (H+R)	S	T	R (T/2)	d ₁	d	h
				1 mm Increment	A Compact										
A Compact HGAAB	3	3-6	14-20	11-20	22	15	H+5	H+4.5	5 (5.5)	9	4.5	6.5	3.5	3.5	
	4	3-6	14-20	11-20	22	15	H+5	H+4.5	5 (5.5)	9	4.5	6.5	3.5		
	5	4-10	16-25	12-25	25	18	H+6	H+6	5 (5.5)	12	6	6.5	4.5 (3.5)		
	6	5-10	19-25	12-25	25	18	H+6	H+6	5 (5.5)	12	6	6.5	4.5 (3.5)		
	8	6-16 (15)	25-30	16-30	32	25	H+8	H+8	10 (7.5)	16	8	8	4.5		4.5
A, H Compact HGHAB HGHAM	10	8-16 (15)	26-35	16-35	32	25	H+10	H+9.5	10 (9.5)	19	9.5	9.5	5.5	5.5	
	12	8-16 (15)	27-35	18-35	38	30	H+10	H+9.5	10 (9.5)	19	9.5	9.5	5.5		
	13	12-20 (18)	28-35	20-35	38	30	H+10	H+9.5	10 (9.5)	19	9.5	9.5	5.5		
	14	12-20 (18)	28-35	20-35	38	30	H+10	H+9.5	10 (9.5)	19	9.5	9.5	5.5		
	15	12-20 (18)	35-40	23-35	38	30	H+12	H+12.5	15 (9.5)	22 (25)	12.5	12.5	9.5		5.5
	16	12-20 (18)	35-40	23-35	38	30	H+12	H+12.5	15 (9.5)	22 (25)	12.5	12.5	9.5		5.5
	20	15-25	39-45	27-40	50	40	H+14	H+15	15 (11.5)	25 (30)	15	15	11		6.5
	25	20-25	40-45	28-45	50	40	H+17	H+16	15 (11.5)	30 (32)	16	16	11		6.5

U-Shaped

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

Part Number	Type	D _{H7}	W	H		A	F	B	B ₁ (H+R)	E	K	S	T	R (T/2)	d ₁	d	h
				1 mm Increment	A Compact												
A Compact HGAAB HGAABJM HGAABJS	3	3-6	16-20	11-20	25	20	H+5	H+4.5	12	10	5 (5.5)	9	4.5	6.5	3.5	3.5	
	4	3-10	16-20	11-20	32	25	H+5	H+4.5	18 (17)	10	5 (5.5)	9	4.5	6.5	3.5	3.5	
	5	4-12	18-25	12-25	38	30	H+6	H+6	22	10	5 (5.5)	12	6	6.5	4.5 (3.5)	3.5	
	6	5-12	19-25	12-25	38	30	H+6	H+6	22	10	5 (5.5)	12	6	6.5	4.5 (3.5)	3.5	
	8	6-18	25-30	16-30	50	40	H+8	H+8	30	10 (7.5)	16	8	8	8	5.5 (4.5)	4.5	
A, H Compact HGHAB HGHAM HGHABJM HGHABJS	10	8-25 (20)	26-35	18-35	50	40	H+10	H+9.5	30	14	10 (9.5)	19	9.5	9.5	5.5	5.5	
	12	8-25 (20)	27-35	20-35	65	55 (50)	H+10	H+9.5	42 (38)	15	15 (9.5)	22 (25)	12.5	9.5	6.5 (5.5)	5.5	
	13	8-25 (20)	27-35	20-35	65	55 (50)	H+10	H+9.5	42 (38)	15	15 (9.5)	22 (25)	12.5	9.5	6.5 (5.5)	5.5	
	14	12-25 (20)	31-40	23-35	65	55 (50)	H+12	H+12.5	45	15	15 (9.5)	22 (25)	12.5	9.5	6.5 (5.5)	5.5	
	15	12-25 (20)	31-40	23-35	65	55 (50)	H+12	H+12.5	45	15	15 (9.5)	22 (25)	12.5	9.5	6.5 (5.5)	5.5	
	16	12-25 (20)	31-40	23-35	65	55 (50)	H+12	H+12.5	45	15	15 (9.5)	22 (25)	12.5	9.5	6.5 (5.5)	5.5	
	20	15-25	36-45	27-40	75	60	H+14	H+15	45	18	15 (11.5)	25 (30)	15	11	6.5	6.5	
	25	15-25	40-45	28-45	75	60	H+17	H+16	45	18	15 (11.5)	30 (32)	16	11	9 (6.5)	6.5	

Part Number Example

Part Number	-	W	-	H
HGAAB10	-	W12	-	H30
HGHAB10	-	W20	-	H18

Comparison of A Dimensions


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

D _{H7}	A, H Compact						A Compact					
	T-Shaped			U-Shaped			T-Shaped			U-Shaped		
	Standard (P.3681)	A Compact	Reduction Ratio	Standard (P.3681)	A Compact	Reduction Ratio	Standard (P.3681)	A Compact	Reduction Ratio	Standard (P.3681)	A Compact	Reduction Ratio
3	19	19	-24%	32	25	-22%	25	22	-12%	32	25	-22%
4	25	22	-12%	38	32	-16%	38	32	-16%	38	32	-16%
5	32	25	-31%	50	38	-24%	32	25	-22%	50	38	-24%
6	32	25	-22%	65	50	-23%	32	25	-22%	65	50	-23%
8	38	32	-16%	65	50	-23%	38	32	-16%	65	50	-23%
10	38	32	-16%	75	65	-13%	38	32	-16%	75	65	-13%
12	50	38	-24%	75	65	-13%	50	38	-24%	75	65	-13%
13	50	38	-24%	75	65	-13%	50	38	-24%	75	65	-13%
14	50	38	-24%	75	65	-13%	50	38	-24%	75	65	-13%
15	50	38	-24%	75	65	-13%	50	38	-24%	75	65	-13%
16	50	38	-24%	75	65	-13%	50	38	-24%	75	65	-13%
20	65	50	-23%	100	75	-25%	65	50	-23%	100	75	-25%
25	65	50	-23%	100	75	-25%	65	50	-23%	100	75	-25%

Hinge Bases with Center Hole

T-Shaped / U-Shaped Type

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

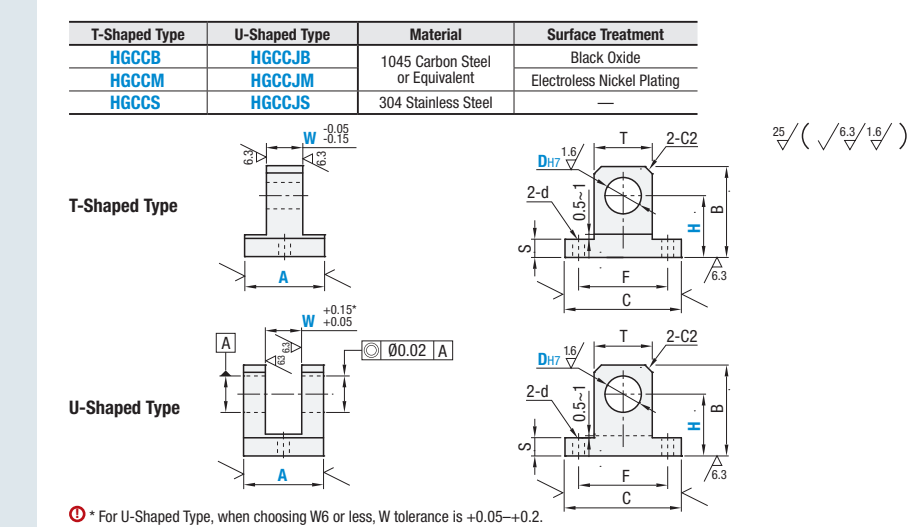


Hinge Bases with Center Hole – T-Shaped / U-Shaped Type

RoHS10

Ⓢ * For U-Shaped Type, when choosing W6 or less, W tolerance is +0.05→0.2.

T-Shaped Type	U-Shaped Type	Material	Surface Treatment
HGCCB	HGCCJB		
HGCCM	HGCCJM	—	Electroless Nickel Plating
HGCCS	HGCCJS	304 Stainless Steel	—



Part Number	Type	D _{H7}	A Selection	W	H	C	F	B	S	T	d					
												1 mm Increment	1 mm Increment			
T-Shaped Type HGCCB HGCCM HGCCS	3	3-6	12	12-20	25	18	H+T/2	5	9	4.5	3.5					
	4	3-6	12	12-20	25	18										
	5	4-10	19	5-11	32	25										
	6	4-10	22	5-14	32	25										
	8	5-10	19	5-11	32	25										
	10	5-10	22	5-14	32	25										
	U-Shaped Type HGCCJB HGCCJM HGCCJS	12	6-16 (15)	6-11	17-25	38						30	8	19	5.5	6.5
		13	6-16 (15)	6-11	17-25											
		14	8-16 (15)	6-14	17-25											
		15	8-16 (15)	6-14	17-25											
20		12-20 (18)	10-12	17-30												
25		12-20 (18)	10-15	17-30												

Part Number Example

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

