

Hinge Bases

T-Shaped

Feature: Height can be specified in 1mm increments. Oil-free type is also available.

RoHS 10

W Fixed		W and H Configurable		Material	Surface Treatment
H7 Type	Oil-Free Type	H7 Type	Oil-Free Type		
HKTBM	HKTBM	HGBTB	HGBTBM	1045 Carbon Steel or Equivalent	Black Oxide
HKTBM	—	HGBTM	—		Electroless Nickel Plating
HKTS	—	HGBTS	—	304 Stainless Steel	—

25/(√6.3/1.6/)

W Fixed

Type	Part Number		H 1 mm Increment	W	A	F	B	S	T	d	Oil-Free Bushing		
	D	D Tolerance									d (Inner Dia.)	L (Overall Length)	
H7 Type HKTBM	2	+0.01	15-20	4	22	15	H+3	5	6	3.5	—	—	
	3	0	15-25	6	25	17	H+5		9	4.5	4	6	
	4	+0.012	20-30	8	32	23	H+6		12	5.5	5	6	
	6	0	25-35	10	38	27	H+8		16	6.5	6	8	
	8	+0.015	30-40	12	45	32	H+10		20	7.5	8	10	
Oil-Free Type HKTBM	10	0	35-45	16	50	37	H+12	15	22	8.5	—	—	
	12	+0.018	40-50	20	65	49	H+14		25	9.5	—	—	
	14	0	—	—	—	—	—		—	—	—	—	—
	16	0	—	—	—	—	—		—	—	—	—	—
	20	+0.021	—	—	—	—	—		—	—	—	—	—

For detailed pivot pin dimensions, refer to P.939

W & H Configurable Type (For Oil-Free Type, H Dimension is Fixed)

Type	Part Number		H7 Type		Oil-Free Type		A	F	B	S	T	d	
	D	D Tolerance	W 1 mm Increment	H 5 mm Increment	W Selection	H Fixed							
H7 Type HGBTB	2	+0.01	3-5	15-20	—	—	22	15	H+3	5	6	3.5	
	3	0	3-6	15-25	—	—	25	17	H+5		9	4.5	
	4	+0.012	4-8	20-30	4 5 6 8	20	32	23	H+6		12	5.5	
	6	0	6-12	25-35	5 6 8 9 10 12	25	38	27	H+8		16	6.5	
	8	+0.015	8-16	30-40	6 8 9 10 12 14 15 16	30	45	32	H+10		20	7.5	
Oil-Free Type HGBTBM	10	0	10-18	35-45	10 12 14 15 16 18	35	50	37	H+12	15	22	8.5	
	12	+0.068	12-18	—	12 14 15 16 18	—	—	—	—		—	—	—
	14	0	13-24	—	14 15 16 18 20 22 24	—	—	—	—		—	—	—
	16	0	14-24	—	15 16 18 20 22 24	—	—	—	—		—	—	—
	20	+0.021	16-24	—	16 18 20 22 24	—	—	—	—		—	—	—

For detailed hinge pin dimensions, refer to P.939

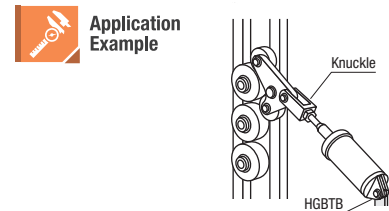
Part Number Example

Part Number - W - H

HKTBM13 - H35

HGBTB10 - W15 - H30

HGBTBM4 - W6



HGBTBM Oil-Free Bushing

d	W	Oil-Free Bushing		d	W	Oil-Free Bushing		d	W	Oil-Free Bushing	
		d (Inner Dia.)	L (Overall Length)			d (Inner Dia.)	L (Overall Length)			d (Inner Dia.)	L (Overall Length)
4	4	4	3	8	8	8	6	13	14	13	12
	5	4	4		9	8	8		15	13	12
	6	4	5		10	8	8		16	13	15
	8	4	6		12	8	10		18	13	15
5	5	5	4	10	10	10	12	15	16	15	15
	6	5	5		12	8	12		20	13	20
	8	5	6		14	8	12		22	13	20
	9	5	8		15	8	12		24	13	20
6	6	6	5	12	12	12	15	16	16	15	15
	8	6	6		14	10	12		18	15	15
	9	6	8		15	10	12		20	15	15
	10	6	8		16	10	15		22	15	20

Hinge Bases

T-Shaped Bottom Mount Type

Feature: Through installation on the bottom side, horizontal width is reduced.

RoHS 10

W Fixed	W & H Configurable	Material	Surface Treatment
HKKB8	HGBBB	1045 Carbon Steel or Equivalent	Black Oxide

25/(√6.3/1.6/)

W Fixed

Type	Part Number		H 1 mm Increment	W	A	F	B	K	T	M (Coarse)	
	D	D Tolerance									
HKKB8	2	+0.01	15-20	4	13	7	H+3	10	6	M3	
	3	0	15-25	6	16	8	H+5		9		
	4	+0.012	20-30	8	19	11	H+6		12		
	HKKB8	6	0	25-35	10	25	16	H+8	12	12	M4
		8	+0.015	30-40						16	
		10	0	35-45						20	
	HKKB8	12	+0.018	40-50	12	50	36	H+10	14	14	M5
		13	0	—						19	
		14	0	—						—	
		15	0	—						—	
		16	0	—						—	
	HKKB8	20	+0.021	—	16	65	47	H+12	15	22	M6
		25	0	—						25	
		30	0	—						30	

For detailed hinge pin dimensions, refer to P.939

W and H Configurable

Type	Part Number		W 1 mm Increment	H 5 mm Increment	A	F	B	K	T	M (Coarse)	
	D	D Tolerance									
HGBBB	2	+0.01	3-5	15-20	13	7	H+3	10	6	M3	
	3	0	3-6	15-25	16	8	H+5		9		
	4	+0.012	4-8	20-30	19	11	H+6		12		
	HGBBB	6	0	6-12	25-35	25	16	H+8	12	12	M4
		8	+0.015	8-16	30-40					16	
		10	0	10-18	35-45					20	
	HGBBB	12	+0.018	12-18	40-50	30	38	H+10	14	14	M5
		13	0	—	19						
		14	0	—	—						
		15	0	—	—						
		16	0	—	—						
	HGBBB	20	+0.021	20-30	—	50	36	H+12	15	22	M6
		25	0	25-35	—					25	
		30	0	—	—					30	

For detailed hinge pin dimensions, refer to P.939

Part Number Example

Part Number - W - H

HKKB88 - H27

HGBBB8 - W8 - H25