



Hinge Base

-T-Shaped Type-

CAD Data

RoHS

W Dimension Fixed Type			W, H Dimension Specified Type			1.1191/C45E (1.4301/X5CrNi18-10)	Black Oxide Electroless Nickel Plating	Set Screw 1 pc. (1.4301/X5CrNi18-10)	25 / (/ 6.3 / 1.6 /)
H7 Type	H7 Type with Tap	Oil Free Type	H7 Type	H7 Type with Tap	Oil Free Type				
HKTB	HKTBT	HKTSM	HGBTB	HGBTBT	HGBTSM				
HKTM	HKTM	HKTMM	HGBTM	HGBTMT	HGBTMM				
HKTS	HKTST	HKTSM	HGBTS	HGBTST	HGBTSM				

W Dimension Fixed Type

Type	D	H7 Type D Tolerance	Oil Free Type D Tolerance (Reference)	H 1mm Increment	W	A	F	B	S	T	d	M	Oil Free Type Bushings
(H7 Type) HKTB HKTM HKTS	2	+0.01 0	-	15-20	4	22	15	H+3	-	6	3.5	-	-
	3	-	-	15-25	6	25	17	H+5	5	9	4.5	M3	LFZB 4-6
	4	+0.012 0	+0.062 0	20-30	8	32	23	H+6	-	12	-	-	LFZB 5-6
	5	-	-	20-30	10	38	28	H+8	-	16	-	-	LFZB 6-8
(H7 Type with Tap) HKTBT HKTM	8	+0.015 0	+0.065 0	25-35	10	38	28	H+10	10	16	5.5	M4	LFZB 8-8
	10	-	+0.068 0	30-40	12	50	37	H+12	15	22	6.5	M5	LFZB10-8
	12	+0.018 0	-	35-45	16	65	49	H+14	25	30	9	M6	LFZB12-10
	14	-	-	40-50	20	80	63	H+17	30	36	11.5	M8	-
(Oil Free Type) HKTBM HKTM HKTS	15	-	-	35-45	16	65	49	H+14	25	30	9	M6	-
	16	+0.021 0	-	40-50	20	80	63	H+17	30	36	11.5	M8	-
	20	-	-	40-50	20	80	63	H+17	30	36	11.5	M8	-
	25	-	-	40-50	30	100	81	H+20	36	42	14	M10	-

For detailed hinge pin dimension, refer to P.672.

W, H Dimension Specified Type (for Oil Free Type, H dimension is fixed)

Type	D	H7 Type D Tolerance	Oil Free Type D Tolerance (Reference)	H7 Type - H7 Type with Tap		Oil Free Type		A	F	B	S	T	d	M
				W 1mm Increment	H 5mm Increment	W Selection	H Fixed							
(H7 Type) HGBTB HGBTM HGBTS	2	+0.01 0	-	3-5	15-20	-	-	22	15	H+3	5	6	3.5	-
	3	-	-	3-6	15-25	5 6 8	20	25	17	H+5	5	9	4.5	M3
	4	+0.012 0	+0.062 0	5-10	20-30	5 6 8	20	32	23	H+6	10	12	-	M4
	5	-	-	6-12	20-30	6 8 10 12	25	38	28	H+8	10	16	-	M5
(H7 Type with Tap) HGBTBT HGBTMT HGBTST	8	+0.015 0	+0.065 0	8-16	25-35	8 10 12 16	30	38	27	H+8	10	16	5.5	M4
	10	-	+0.068 0	10-18	30-40	10 12 16 18	30	50	37	H+10	15	19	-	M5
	12	+0.018 0	-	12-18	30-40	12 16 18	30	65	49	H+12	22	25	6.5	M6
	14	-	-	13-24	30-40	12 16 18	30	80	63	H+14	25	30	9	M8
(Oil Free Type) HGBTBM HGBTMM HGBTSM	15	-	-	15-24	35-45	-	-	50	37	H+12	15	22	6.5	M6
	16	+0.021 0	-	16-24	40-50	-	-	65	49	H+14	25	30	9	M8
	20	-	-	20-30	40-50	-	-	80	63	H+17	30	36	11.5	M10
	25	-	-	25-35	40-50	-	-	100	81	H+20	36	42	14	M12

For detailed hinge pin dimension, refer to P.672. For H7 with tap, W>=M+2 is required.

Order Example

Part Number: HKTBT13 - W15 - H35

Days to Ship: 8 Days

W Dimension Fixed Type (H7 Type, H7 Type with Tap): 10 Days

Price

Quantity	1-4	5-9	10-19	20-25
Rate	Price List	5%	10%	15%

For orders larger than indicated values, please request for quotation.

D	Unit Price Qty. 1-4														
	W Dimension Fixed Type						W, H Dimension Specified Type								
	H7 Type	H7 Type with Tap			Oil Free Type			H7 Type	H7 Type with Tap			Oil Free Type			
	HKTB	HKTBT	HKTSM	HGBTB	HGBTBT	HGBTSM	HGBTB	HGBTBT	HGBTSM	HGBTB	HGBTBT	HGBTSM	HGBTB	HGBTBT	HGBTSM
2	17,60	19,30	25,40	-	-	-	18,90	20,80	27,50	-	-	-	-	-	-
3	17,60	19,30	25,40	21,20	22,90	29,00	18,90	20,80	27,50	22,20	23,90	29,70	-	-	-
4	17,60	19,30	25,40	21,20	22,90	29,00	19,40	21,40	28,20	18,90	20,80	27,50	22,20	23,90	29,70
5	19,30	21,20	27,90	22,90	24,80	31,50	21,40	23,60	31,00	20,80	23,00	30,20	23,90	25,80	32,10
6	19,30	21,20	27,90	22,90	24,80	31,50	21,40	23,60	31,00	20,80	23,00	30,20	23,90	25,80	32,10
8	21,00	23,10	30,40	24,70	26,70	34,00	23,30	25,70	33,80	22,80	25,10	32,90	25,70	27,70	34,50
10	21,00	23,10	30,40	24,70	26,70	34,00	23,30	25,70	33,80	22,80	25,10	32,90	25,70	27,70	34,50
12	22,80	25,10	33,00	26,40	28,80	36,60	25,30	27,90	36,60	24,70	27,30	35,80	27,30	29,50	37,00
13	22,80	25,10	33,00	26,40	28,80	36,60	-	-	-	24,70	27,30	35,80	27,30	29,50	37,00
14	24,50	27,00	35,50	28,20	30,70	39,20	-	-	-	28,40	31,30	41,00	29,20	31,50	39,50
15	26,30	29,00	38,00	30,00	32,60	41,60	-	-	-	28,40	31,30	41,00	30,60	33,10	41,60
16	26,30	29,00	38,00	30,00	32,60	41,60	-	-	-	28,40	31,30	41,00	30,60	33,10	41,60
20	31,60	34,70	45,80	35,30	38,40	49,40	-	-	-	34,20	37,60	49,50	35,60	38,60	49,00
25	35,50	39,00	51,40	39,10	42,60	55,10	-	-	-	50,20	51,80	64,80	52,30	55,90	71,00



Hinge Base

-T-Shaped Bottom Mount Type-

CAD Data

RoHS

W Dimension Fixed Type			W, H Dimension Specified Type			1.1191/C45E (1.4301/X5CrNi18-10)	Black Oxide Electroless Nickel Plating	Set Screw 1 pc. (1.4301/X5CrNi18-10)	25 / (/ 6.3 / 1.6 /)
H7 Type	H7 Type with Tap	Oil Free Type	H7 Type	H7 Type with Tap	Oil Free Type				
HKKBB	HKBBT	HKBBS	HGBBB	HGBBBT	HGBBS				
HKKBM	HKBMT	HKBMS	HGBBM	HGBBMT	HGBBS				
HKKBS	HKBST	HKBMS	HGBBS	HGBBST	HGBBS				

W Dimension Fixed Type

Type	D	H7 Type D Tolerance	Oil Free Type D Tolerance (Reference)	H 1mm Increment	W	A	F	B	K	T	M (Coarse)	N	Oil Free Type Bushings
(H7 Type) HKKBB HKKBM HKKBS	2	+0.01 0	-	15-20	4	13	7	H+3	-	6	-	-	-
	3	-	-	15-25	6	16	8	H+5	10	9	M3	M3	LFZB4-6
	4	+0.012 0	+0.062 0	20-30	8	19	11	H+5	-	12	12	M4	LFZB5-6
	5	-	-	20-30	10	25	16	H+6	-	16	-	-	LFZB6-8
(H7 Type with Tap) HKBBT HKBMT HKBST	8	+0.015 0	+0.065 0	25-35	10	38	26	H+8	12	12	M4	M4	LFZB8-8
	10	-	+0.068 0	30-40	12	50	36	H+10	14	16	M5	M5	LFZB10-8
	12	+0.018 0	-	35-45	16	65	47	H+12	15	22	M6	M6	LFZB12-10
	14	-	-	40-50	20	80	63	H+14	18	25	M8	M8	-
(Oil Free Type) HKBMM HKBMM HKBMS	15	-	-	35-45	16	65	47	H+12	15	22	M6	M6	-
	16	+0.021 0	-	40-50	20	80	63	H+14	18	25	M8	M8	-
	20	-	-	40-50	20	80	63	H+14	18	25	M8	M8	-
	25	-	-	40-50	30	100	81	H+17	30	36	M10	M10	-

For detailed hinge pin dimension, refer to P.672.

W, H Dimension Specified Type (for Oil Free Type, H dimension is fixed)

Type	D	H7 Type D Tolerance	Oil Free Type D Tolerance (Reference)	H7 Type - H7 Type with Tap		Oil Free Type		A	F	B	K	T	M (Coarse)	N
				W 1mm Increment	H 5mm Increment	W Selection	H Fixed							
(H7 Type) HGBBB HGBBM HGBBS	2	+0.01 0	-	3-5	15-20	-	-	13	7	H+3	10	6	-	-
	3	-	-	3-6	15-25	5 6 8	20	16	8	H+5	10	9	M3	M3
	4	+0.012 0	+0.062 0	5-10	20-30	5 6 8	20	19	11	H+5	12	12	M4	M4
	5	-	-	6-12	20-30	6 8 10 12	25	32	20	H+6	12	12	M4	M4
(H7 Type with Tap) HGBBBT HGBBMT HGBBST	8	+0.015 0	+0.065 0	8-16	25-35	8 10 12 16	30	38	26	H+8	12	12	M4	M4
	10	-	+0.068 0	10-18	30-40	10 12 16 18	30	50	36	H+10	14	16	M5	M5
	12	+0.018 0	-	12-18	30-40	12 16 18	30	65	47	H+12	15	22	M6	M6
	14	-	-	13-24	30-40	12 16 18	30	80	63	H+14	18	25	M8	M8
(Oil Free Type) HGBBMM HGBBMM HGBBMS	15	-	-	15-24	35-45	-	-	50	36	H+12	15	22	M6	M6
	16	+0.021 0	-	16-24	40-50	-	-	65	47	H+14	18	25	M8	M8
	20	-	-	20-30	40-50	-	-	80	63	H+17	30	36	M10	M10
	25	-	-	25-35	40-50	-	-	100	81	H+20	36	42	M12	M12

For detailed hinge pin dimension, refer to P.672. For H7 with tap, W>=M+2 is required.

Order Example

Part Number: HKBBM8 - W8 - H27

Days to Ship: 8 Days

W Dimension Fixed Type (H7 Type, H7 Type with Tap): 10 Days

Price

Quantity	1-4	5-9	10-19	20-25
Rate	Price List	5%	10%	15%

For orders larger than indicated values, please request for quotation.

D	Unit Price Qty. 1-4														
	W Dimension Fixed Type						W, H Dimension Specified Type								
	H7 Type	H7 Type with Tap			Oil Free Type			H7 Type	H7 Type with Tap			Oil Free Type			
	HKKBB	HKKBM	HKKBS	HKBTT	HKBMT	HKBST	HGBBB	HGBBM	HGBBS	HGBBBT	HGBBMT	HGBBST	HGBBMM	HGBBMM	HGBBMS
2	19,30	21,20	27,90	-	-	-	19,60	21,10	30,90	-	-	-	-	-	-
3	19,30	21,20	27,90	22,90	24,80	31,50	19,60	21,10	30,90	25,50	26,80	36,60	-	-	-
4	19,30	21,20	27,90	22,90	24,80	31,50	21,40	23,50	31,00	21,40	23,00	33,90	27,30	28,80	39,70
5	21,20	23,40	30,70	24,80	27,00	34,30	23,50	25,90	34,00	23,50	25,10	36,90	29,30	31,00	42,80
6	21,20	23,40	30,70	24,80	27,00	34,30									