

Aluminum Long Hinges

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HHPV
(Left/Right Reversed Common)

Flag Hinges

Hinge Frame

Flag Hinges

Material: A6063S-T5
Bushing: Polyacetal (White)
Surface Treatment: Anodize*

RoHS10

* No anodizing on ends of L specified part.

Part Number	Hinge Frame L	Allowable Load		W	L2	P	K1	K2	J1	J2	F1	F2	V1	V2	N		T	Y	Screw / Nut (L Dimensions Less than 500mm)				Unit Price/m	2 Flag Hinges / 3 Counter-sinks
		Through	Countersink												Screw	Quantity			Nut	Quantity	1 - 20 pc(s)			
HHPV	100~1000	10	98	55	40	25	7.5	7.5	8	10	16	21	10.5	15.5	5.5	11	3.5	43.5	Flat Head Screw 6-10	4	HNTT6-6	4		
				62															Flat Head Screw 5-8	3	HNTT5-5	3		
																			Flat Head Screw 6-10	7	HNTT6-6	7		
				71	50	30	8	10	14	21	26	15.5	20.5	6.8	13	4.5	38.5		Flat Head Screw 6-15	4	HNTT8-6	4		
																			Flat Head Screw 6-10	3	HNTT6-6	3		
																			Flat Head Screw 6-15	4	HNTT8-6	4		
																			Flat Head Screw 6-10	3	HNTT6-6	3		

Ordering Example: Part Number HHPV6-5 - L 200

Example



Alterations: Part Number HHPV8-6 - L 250 - (SET, SST)

Alteration	Code	Spec.	Hinge	No.
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set.	HHPV	6-5
				6-6
				8-6
				845-6

Torque Hinges

Fixed Torque Type, Adjustable Torque Type

Fixed Torque Type

HHPT

Operating Temp. Range: -10°C ~ 50°C
Operating Humidity Range: 90% RH or less

Cautions on Use

- Use 2 pcs. per door (flap).
- Place the axes of 2 hinges on a common line.
- Do not use in places where oil or grease contacts, or in the outdoors.
- Do not use for locations requiring frequent open/close.
- Since the product is not designed for vertical use in mind, figure the allowable load and torque based on actual application.

Part Name	Material
① Wing	SUS304
② Resin Tube	Polyacetal
③ Shaft	SUS303
④ Plate	SUS304
⑤ Swage Pin	SUSXM7

RoHS10 For section of Torque Hinges, refer to selection reference formula on P1205.

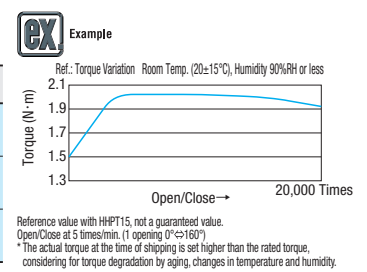
Part Number	* Torque Rating	Mass (g)	L	W	P	J	S	T	E	R	Extrusion (Series)	Screw, Nut		Unit Price	Volume Discount Rate				
												Screw	Quantity						
HHPT	3	0.35	3.4	15	32	36	18	7.5	21	1.2	4.25	7.5	HFS5	Hex Socket Head Cap Screw 4-6	4	HNTT5-4	4		
	7	0.7	6.9	28	40	48	26	8	32	1.2	4.75	8.5	HFS6	Hex Socket Head Cap Screw 4-10	4	HNTT6-4	4		
	15	1.5	14.7	64	50	48	36	8	32	2	6.5	12							

* The Torque Rating may have tolerance ranges about +40% ~ -20%.
* The torque value of 1 pc. of hinge is shown as the Torque Ratings.

Ordering Example: Part Number HHPT15

Alterations: Part Number HHPT7 - (SET) SET

Alteration	Code	Spec.	Hinge	No.
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set. Stainless steel screws and nuts are included.	HHPT	3
				7
				15



Adjustable Torque Type

HHPTF HHPTFB

For section of Torque Hinges, refer to selection reference formula on P1205.

Part Name	Material	Surface Treatment
Caster	A6063	Anodize
Bushing	Polyacetal (White)	-
Hex Socket Head Cap Screw	SUSXM7	-

RoHS10

Part Number	* Allowable Load	** Torque Rating	Mass (g)	S	P1	P2	J	Screw, Nut		Clear Anodize		Black Anodize		
								Screw	Quantity	Nut	Quantity	Unit Price	Volume Discount Rate	Unit Price
HHPTF HHPTFB (Black Anodize)	6				32	16	16	13.5	Hex Socket Head Cap Screw 6-10	4	HNTT6-6	4		
	8-6	10	98	0~4.9	0~50	54	37	16	21	13.5	Hex Socket Head Cap Screw 6-10	2	HNTT6-6	2
	8						42	21	21	8.5	Hex Socket Head Cap Screw 6-12	4	HNTT8-6	4

* The allowable load is the value when 2 pieces are used.
** The torque value of 1 pc. of hinge is shown as the Torque Rating.

Ordering Example: Part Number HHPTF8

Alterations: Part Number HHPTF6 - (SET, SST) SET

Alterations	Code	Spec.	Hinge	No.
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set. When SST is specified, screws and nuts will be in stainless steel.	HHPTF HHPTFB	6
	SST (Stainless Steel)	When SST is specified, the product is not RoHS compliant. When SET is specified, the material of the screws is Bright Chromate SCMG5		8-6
				8

Example

The torque value is adjustable using a Hex Wrench.
Swaging by 1.5N·m or more using a Hex wrench may break the Hinges.