
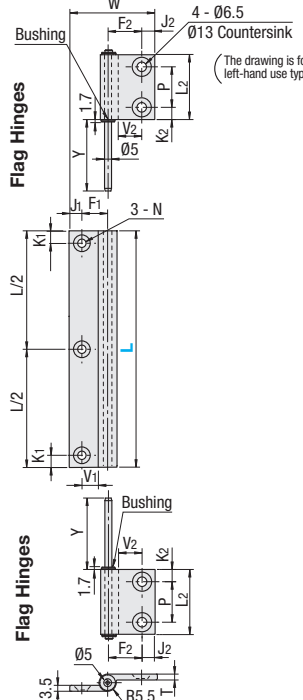


Aluminum Long Hinges

Aluminum Long Hinges RoHS



HHPV
(For Right/Left Hand Use)



(The drawing is for left-hand use type)

Material: 6063-T5 Aluminum Alloy
Bushing: Polyacetal (White)
Surface Treatment: Anodize*

* 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 Counterbores				
																	Screw	Quantity	Nut						
HHPV	6-5	100-1000	10	98	55	40	25	7.5	8	16	21	10.5	15.5	5.5	11	3.5	43.5	Flathead Screw 6-10	4	HNTT6-6	4				
	6-6				62			7.5	10	21									Flathead Screw 5-8	3	HNTT5-5	3			
	8-6				71	50	30	8	10	26	15.5	20.5	6.8	13	4.5	38.5	Flathead Screw 6-10	7	HNTT6-6	7					
	845-6																				Flathead Screw 6-15	4	HNTT8-6	4	
																					Flathead Screw 6-10	3	HNTT6-6	3	

Ordering Example Part Number - L
HHPV6-5 - 200


Days to Ship [Configure Online](#)

Price [Configure Online](#)

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

Alteration	Code	Spec.	Hinge	No.	Price Adder	
					SET	SST
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set.	HHPV	6-5		
	SST (Stainless Steel)	When SST is specified, screws and nuts will be stainless steel.		6-6		
				8-6		
				845-6		

Example



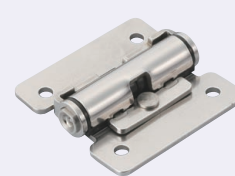
Example of Left-hand Use

Single Joint Connection P.669

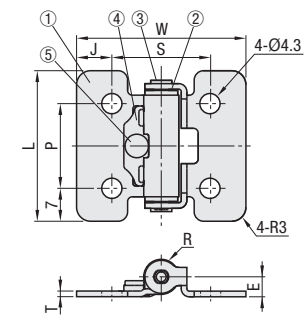
Torque Hinges

Torque Fixed Type / Torque Adjustable Type

Torque Fixed Type RoHS



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.

Name of Parts	Material
① Wing	304 Stainless Steel
② Resin Tube	Polyacetal
③ Shaft	303 Stainless Steel
④ Plate	304 Stainless Steel
⑤ Swage Pin	302HQ Stainless Steel

For Torque Hinge selection, refer to selection reference formula on P.1121

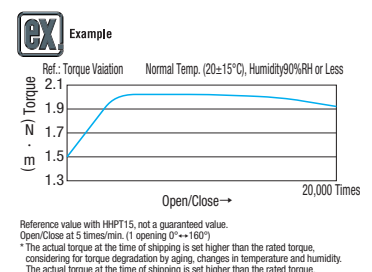
Part Number	* Torque Rating	Mass (g)	L	W	P	J	S	T	E	R	Extrusion (Series)	Screw / Nut		Unit Price	Volume Discount Rate			
												Screw	Nut					
HHPT	3	0.35	3.4	15	32	36	18	7.5	21	1.2	4.25	7.5	HFS5	Hex Socket Head Cap Screw 4-6	4	HNTT5-4	4	
	7	0.7	6.9	28	40	48	26	8	32	1.2	4.75	8.5	HFS6	Hex Socket Head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

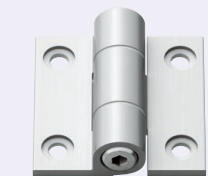
Ordering Example Part Number - (SET)
HHPT15 - SET

Days to Ship [Configure Online](#)

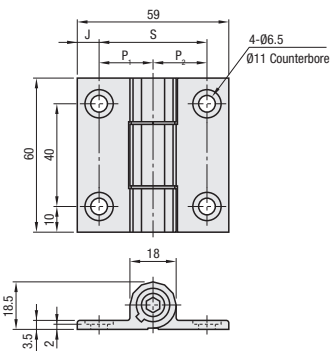
Alteration	Code	Spec.	Hinge	No.	Price Adder
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set. Stainless steel screws and nuts are included.	HHPT	3	
				7	
				15	



Torque Adjustable Type RoHS



HHPTF HHPTFB



For section of Torque Hinges, refer to selection reference formula on P.1121

Name of Parts	Material	Surface Treatment
Caster	6063 Aluminum Alloy	Anodize
Bushing	Polyacetal (White)	-
Hex Socket Head Cap Screw	302HQ Stainless Steel	-

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

* 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 - (SET / SST)
HHPTF8 - SET

Days to Ship [Configure Online](#)

Alterations	Code	Spec.	Hinge	No.	Price Adder
Applicable Screw and Nut Set	SET SST (Stainless Steel)	Include applicable screws and nuts as a set. When SST is specified, screws and nuts will be in stainless steel. When - SET is specified, the product is not RoHS compliant. When - SET is specified, the material of the screws is Bright Chromate SCM35.	HHPTF HHPTFB	6	
				8-6	
				8	

Example

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

