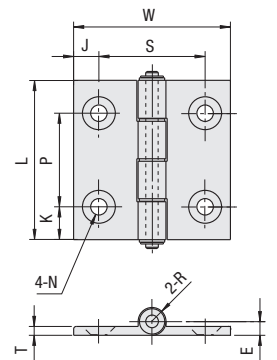


■ Aluminum Hinges
■ Aluminum Hinges for Unequal Size Extrusions



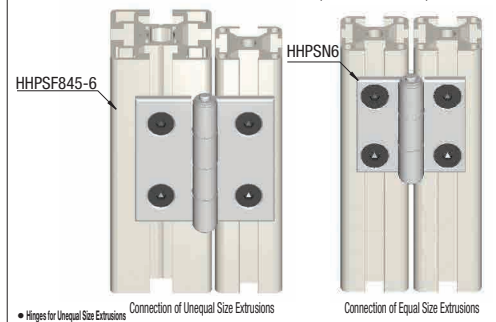
HHPSN (Clear Anodize)
HHPBSN (Black Anodize)
HHPSF (For Unequal Size Extrusions: Clear Anodize)



Material: EN AW-6063-T5 Equiv., Bushing: Polyacetal
Surface Treatment: Anodize



Example
• For a set of screws and nuts for an aluminum extrusion, see **P805**.
45 Square Extrusion 30 Square Extrusion 30 Square Extrusion 30 Square Extrusion

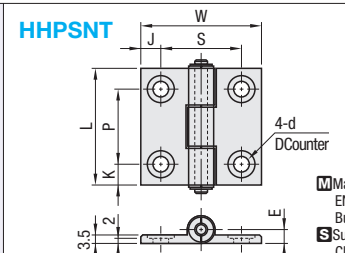


• Hinges for Unequal Size Extrusions
Connection of Unequal Size Extrusions
Connection of Equal Size Extrusions
HHPSF 6-5: Connects a 20 Sq. Extrusion (Slot Width 6mm) to a 30 Sq. Extrusion (Slot Width 8mm).
HHPSF 8-6: Connects a 30 Sq. Extrusion (Slot Width 8mm) to a 40 Sq. Extrusion (Slot Width 10mm).
HHPSF 845-5: Connects a 20 Sq. Extrusion (Slot Width 6mm) to a 45 Sq. Extrusion (Slot Width 10mm).
HHPSF 8-5: Connects a 20 Sq. Extrusion (Slot Width 6mm) to a 40 Sq. Extrusion (Slot Width 10mm).
HHPSF 845-6: Connects a 30 Sq. Extrusion (Slot Width 8mm) to a 45 Sq. Extrusion (Slot Width 10mm).
The hinge nuts below are recommended when mating to panels, etc.

Part Number	Type	No.	* Allowable Load		Mass g	L	W	K	P	J	S	N		T	E	R	Clear Anodize		Black Anodize	
			kg	N								Through	Countersink				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
HHPSN HHPBSN (Black Anodize)		5	22	47	22	36	11	25	7.5	21	5.5	11	3.5	5	5		1 ~ 8 pc (s).	9~50	1 ~ 8 pc (s).	9~50
		6	30	48	30	48	8.5	30	8	32	6.5	13	4.5	5.5	5.5					
		8	48	63	48	62	13	37	10	42	6.5	13	4.5	5.5	5.5					
		8-45	15	147	70	80	10	43	16.5	47	6.5	13	4.5	5.5	5.5					
HHPSF (For Unequal Size Extrusions)		6-5	10	98	33	47	44.75	8.5	30	10.75	26.5	5.5	11	3.5	5.5	5.5			-	-
		8-5	10	98	43	63	54.25	13	37	15.25	31.5	5.5	11	3.5	5.5	5.5			-	-
		845-5	10	98	43	63	55.5	13	37	14	34	5.5	11	3.5	5.5	5.5			-	-
		8-6	15	147	48	63	62	13	37	12.5	37	6.5	13	3.5	5.5	5.5			-	-
		845-6	15	147	48	63	62	13	37	11.5	39	6.5	13	3.5	5.5	5.5			-	-

* The allowable load is the value when 2 pieces are used.

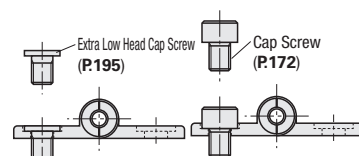
■ Aluminum Hinges for Extra Low Head Cap Screws



Material: EN AW-6063 Equiv.
Bushings: Polyacetal
Surface Treatment: Clear Anodize



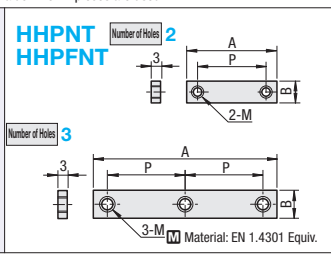
Example
Standard cap screws can be used for installation.
The hinge nuts below are recommended when mating to panels, etc.



Part Number	Type	No.	* Allowable Load		Mass g	L	W	K	P	J	S	d	D	E	Unit Price	Volume Discount Rate
			kg	N								Through	Countersink		1 ~ 8 pc (s).	9~50
HHPSNT		5	22	47	22	36	11	25	7.5	21	5.5	10	5			
		6	34	48	34	48	8.5	30	8	32	6.5	11	5.5			
		8	49	63	49	63	13	37	10	42	6.5	11	5.5			

* The allowable load is the value when 2 pieces are used.

■ Hinge Nuts



Material: EN 1.4301 Equiv.

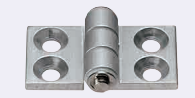
Part Number	Type	No.	Number of Holes	B	A	P	M	Unit Price	Volume Discount Rate
								1 ~ 8 pc (s).	10~500
HHPNT		5	2	9	34	25	5		
		6	2	10	39	30	5		
		8	2	12	49	37	6		
		845	2	12	55	43	6		
HHPFNT		5	2	14	33	20	5		
		6	2	16	38	25	6		
		8	2	18	48	30	6		
		8	2	18	48	30	6		

■ Applicable Hinge Nuts for Panel Mounting

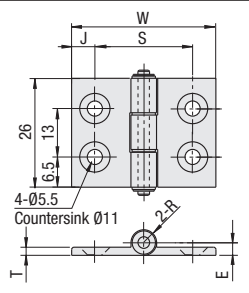
Hinges		No.	Number of Holes	Applicable Hinge Nut
HHPSN	HHPBSN	5	2	HHPNT5-2
HHPSJ	SHHPS	6	2	HHPNT6-2
HHPSDT	HHPSNA	8	2	HHPNT8-2
HHPSNA	HHPMGS	8-45	2	HHPNT845-2
HHPSNL	SHHPSZ	8-6	2	HHPNT8-2
HHPSD	HHPNR	845-6	2	HHPNT8-2
HHPSF		5	2	HHPNT5-3
		6	2	HHPNT6-3
		8	2	HHPNT8-3
SHHPS		845	2	HHPNT845-3
HHPFLN	HHPFRN	5	2	HHPFNT5-2
HHPFDLN		6	2	HHPFNT6-2
HHPFDNR		8	2	HHPFNT8-2
		8-45	2	HHPFNT8-2

Not applicable to HHPSJ6, SHPSNA6 and SHHPSZ6.

■ Aluminum Hinges - Short



Short Type
HHPSNC (Clear Anodize)
HHPBSNC (Black Anodize)



Material: EN AW-6063-T5 Equiv., Bushing: Polyacetal
Surface Treatment: Anodize

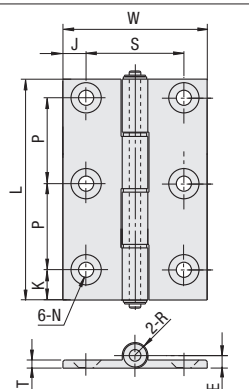
Part Number	Type	No.	* Allowable Load		Mass g	W	J	S	T	E	R	Clear Anodize		Black Anodize	
			kg	N								Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
HHPSNC HHPBSNC (Black Anodize)		5	19	36	19	36	7.5	21	3.5	5	5	1 ~ 8 pc (s).	9~100	1 ~ 8 pc (s).	9~100
		6	24	48	24	48	8	32							
		8	27	62	27	62	10	42							
		8-45	15	147	36	80	16.5	47	4.5						

* The allowable load is the value when 2 pieces are used.

■ Aluminum Hinges - Long



Long Type
HHPSNL (Clear Anodize)
HHPBSNL (Black Anodize)

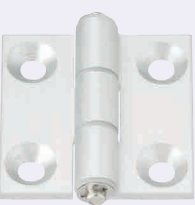


Material: EN AW-6063-T5 Equiv., Bushing: Polyacetal
Surface Treatment: Anodize

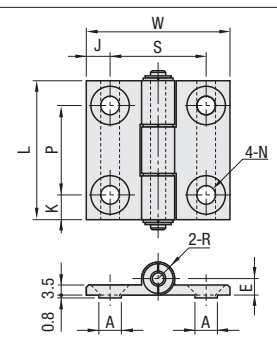
Part Number	Type	No.	* Allowable Load		Mass g	L	W	K	P	J	S	N		T	E	R	Clear Anodize		Black Anodize	
			kg	N								Through	Countersink				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
HHPSNL HHPBSNL (Black Anodize)		5	49	66	49	66	36	8	25	7.5	21	5.5	11	3.5	5	5	1 ~ 8 pc (s).	9~100	1 ~ 8 pc (s).	9~100
		6	69	78	69	78	48	9	30	8	32	6.5	13	4.5	5.5	5.5				
		8	106	113	106	113	62	13.5	43	10	42	6.5	13	4.5	5.5	5.5				
		8-45	23	220	144	80	80	16.5	47	16.5	47	6.5	13	4.5	5.5	5.5				

* The allowable load is the value when 2 pieces are used.

■ Protruded Aluminum Hinges



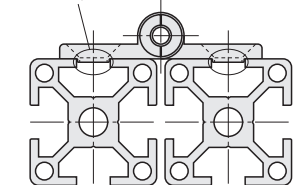
HHPSDT



Material: EN AW-6063 Equiv., Bushing: Polyacetal
Surface Treatment: Clear Anodize



Example
Can be mounted easily since the protrusion prevents lateral misalignment.



For a set of screws and nuts for an aluminum extrusion, see **P806**.
The hinge nuts on **P1199** are recommended when mating to panels, etc.

Part Number	Type	No.	* Allowable Load		Mass g	L	W	K	P	J	S	N		E	A	R	Unit Price		Volume Discount Rate	
			kg	N								Through	Countersink				1 ~ 8 pc (s).	9~50	1 ~ 8 pc (s).	9~50
HHPSDT		5	23	47	23	47	36	11	25	7.5	21	5.5	11	5	5.5	5				
		6	35	63	35	63	48	8.5	30	8	32	6.5	13	5.5	7.5	5.5				
		8	51	80	51	80	62	13	37	10	42	6.5	13	5.5	9.5	5.5				

* The allowable load is the value when 2 pieces are used.



Ordering Example
Part Number
HHPSNC5
HHPBSNL8-45
HHPSDT6



Ordering Example
Part Number
HHPSN6
HHPBSNT8
HHPNT5
- 3