

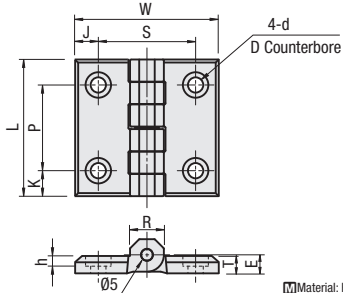
Plastic Hinges / Compact Plastic Hinges / Low Dust Generation Hinges

Hinges with Offset Mounting Holes / Stepped Stainless Steel Hinges / Spring Hinges

Plastic Hinges



HHPSJ



For HHPSJ8 and HHPSJ845, the hinge nuts on P.1199 are recommended when mating to panels, etc.

Material: Hinge Plate: Nylon 6, Shaft: EN 1.4301 Equiv.

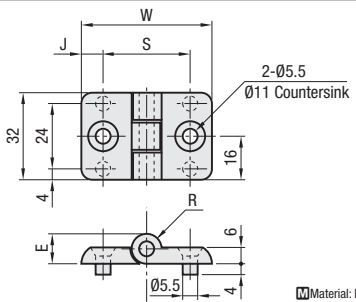
Part Number Type	No.	Color	* Allowable Load		Mass g	L	W	K	P	J	S	D	d	T	E	R	h	Unit Price 1 ~ 9 pc (s).	Volume Discount Rate 10~50
			kg	N															
HHPSJ	6	B (Black)	10	96	21	48	47	9	30	8	32	9.5	5.5	6	6.5	12.6	3.8		
	8	W (White)	15	147	35	59	62	11	37	10	42	11	6.6	7.5	8	14.5	4.4		
	845				44	70	80	13.5	43	16.5	47								

* The allowable load is the value when 2 pieces are used. The default color is black unless specified.

Compact Plastic Hinges



HHPSJC



Material: Hinge Plate: Nylon 6, Shaft: EN 1.4301 Equiv.

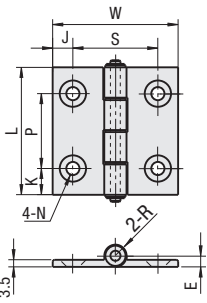
Part Number Type	No.	* Allowable Load		Mass (g)	W	J	S	E	R	Unit Price 1 ~ 9 pc (s).	Volume Discount Rate 10~100
		kg	N								
HHPSJC	5	10	98	12.5	36	7.5	21	10	5		
	6	10	98	15.8	48	8	32	11	5.5		
	8	10	98	26.2	62	10	42	11	5.5		

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

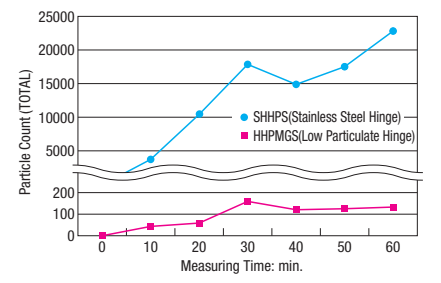
Low Dust Generation Hinges



HHPMGS



Material: EN AW-6063-T5 Equiv.
Bushing: Oil Soaked Polyacetal
Surface Treatment: Electroless Nickel Plating



Features
Superior in friction resistance and sliding properties with low dust generation compared to the conventional hinges, since the sliding section is made from the special material (oil embedded Polyacetal).
The aluminum part is electroless nickel plated instead of conventional clear anodizing. This provides an excellent electric conductivity, resulting in less dust collection.
The hinge nuts on P.1199 are recommended when mating to panels, etc.

Part Number Type	No.	* Allowable Load		Mass g	L	W	K	P	J	S	N		E	R	Unit Price 1 ~ 8 pc (s).	Volume Discount Rate 9~50
		kg	N								Through	Countersink				
HHPMGS	5			22		36	11	25	7.5	21	5.5	11	5	5		
	6	10	98	33	47	48	8.5	30	8	32	6.5	13	5.5	5.5		
	8			48	63	62	13	37	10	42						

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

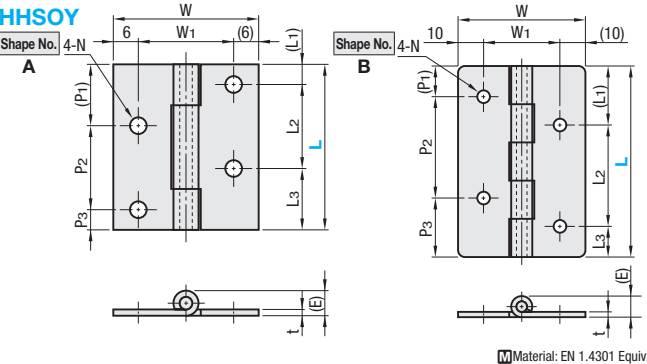
Ordering Example
Part Number - Color
HHPSJ6 - B
HHPSJC8
HHPMGS

Hinges with Offset Mounting Holes



RoHS 10

HHSOY



Material: EN 1.4301 Equiv.

Part Number Type	Shape	L1	L2	L3	W	W1	P1	P2	P3	N	t	E	* Allowable Load (N)	Weight (g)	Unit Price 1 ~ 9 pc (s).	Volume Discount Rate 10~200
HHSOY	40	A	5	20	15	35	23	15	20	5	4.2	1.5	58.8	21.6		
	50		5.5	26	18.5		18.5	26	5.5				78.4	27.3		
	75	B	23	40	12	50	30	12	40	23	5	2	147	75.7		

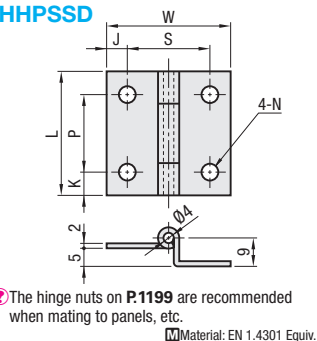
* The allowable load is the value when 2 pieces are used.

Stepped Stainless Steel Hinges



RoHS 10

HHPSSD



The hinge nuts on P.1199 are recommended when mating to panels, etc.
Material: EN 1.4301 Equiv.

Part Number Type	No.	L	W	K	P	J	S	N	* Allowable Load (kg)	Weight (g)	Unit Price 1 ~ 19 pc (s).	Volume Discount Rate 20~200
HHPSSD	5	41	36	8	25	7.5	21	5.5	4.5	32		
	6	48	48	9	30	8	32	6.5	6	46		

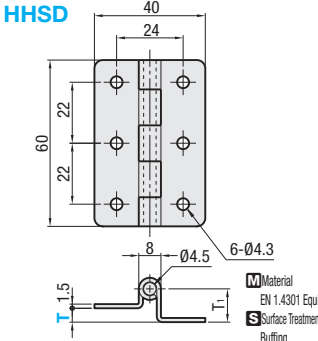
* The allowable load is the value when 2 pieces are used.

Stepped Stainless Steel Hinges



RoHS 10

HHSD



Material: EN 1.4301 Equiv.
Surface Treatment: Buffing

Part Number Type	T	T1	* Allowable Load (kg)	Weight (g)	Unit Price 1 ~ 19 pc (s).	Volume Discount Rate 20~100
HHSD	1.2	8.2	7	38		
	2.3	9.3				
	3.2	10		40		
	5	12		42		

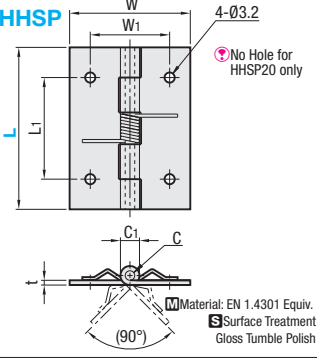
* The allowable load is the value when 2 pieces are used.

Spring Hinges

RoHS 10



The photo shows a spring-loaded hinge in uninstalled condition (free state).



Material: EN 1.4301 Equiv.
Surface Treatment: Gloss Tumble Polish

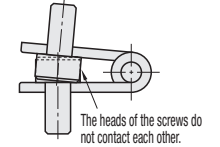
Part Number Type	L	W	W1	L1	C	C1	t	* Allowable Load (kgf)	Torque (kgf-cm)	Weight (g)	Unit Price 1 ~ 39 pcs.	Volume Discount Rate 40~100 pcs.
HHSP	20	14	-	-	1	(2.2)	0.5	1	0.99	1.5		
	25	32	20	14	3	5.8	1.2	3	0.66	10		
	38	32	20	26	3	6.5	1.5	6	1.5	20		
	51	38	25	32	3	6.5	1.5	7	1.38	35		

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

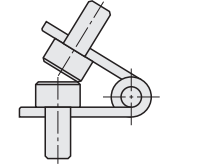
Ordering Example
Part Number
HHSOY40
HHPSSD6
HHSD3.2
HHSP38

Example

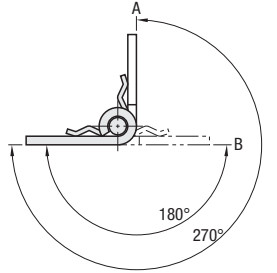
Hinges with Offset Mounting Holes



Other Hinges



Example



Spring load is a value at (A) with the hinge plates folded at 270° as shown above.
Only for HHSP20, the value is measured at a 180° angle position (B).
Do not open the HHSP20 hinge plates beyond 180° (B). Small wire diameter spring may cause problems.