

# Stainless Steel Hinges / Steel Hinges

# Hinges with Slotted Holes / Stainless Steel Hinges for Heavy Loads / Aluminum Detachable Hinges

**Flat Hinges**

SHHPS (Stainless Steel)  
SHHPSK (Stainless Steel Satin Finish)  
SHHPT (Steel)

When mounting the hinges on panels, Hinge Nuts are recommended on P.811.

Type	Material	Surface Treatment
SHHPS	SUS316	-
SHHPSK	SUS304	Satin Finish
SHHPT	SPCC or SPHC	Chrome Plating

**RoHS10**

Part Number	Number of Holes on One Side	Allowable Load		Mass g	L	W	K	P	J	S	N	T	E	R	CR	D	SHHPS		SHHPSK		
		kg	N														Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
SHHPS SHHPSK	5	2	9	88	43	41	36	8	25	7.5	21	5.5	2	4.6	4.6	7.5	5	1-8 pc(s).	9-100	1-8 pc(s).	9-100
		3	11	108	70	66	48	9	30	8	32	6.5	3	5.6	5.6	10					
		2	12	117	60	48	8	32	3	6.1	6.1										
	6	2	15	147	98	78	62	11				37	10	42	6.5	3	5.6				
		3	25	245	130	59	6.1	6.1	3	6.1	6.1										
		2	38	372	230	96	6.5	3				5.6	5.6								
	8	2	30	294	190	70			6.5	3	6.1			6.1							
		3	40	392	325	113	6	5				-	-								
		2	40	392	325	113			6	5	-			-							

Part Number	No.	Number of Holes on One Side	Allowable Load		Mass g	L	W	K	P	J	S	N	T	E	R	CR	D	Unit Price		Volume Discount Rate	
			kg	N														1-8 pc(s).	9-100	1-8 pc(s).	9-100
SHHPT	5	2	9	88	36	41	36	8	25	7.5	21	5.5	2	4.6	4.6	4	5	1-8 pc(s).	9-100	1-8 pc(s).	9-100
		3	11	108	59	66	48	9	30	8	32	6.5	3	5.6	5.6	10					
		2	12	117	50	48	8	32	3	6.1	6.1										
	6	2	15	147	83	78	62	11				37	10	42	6.5	3	5.6				
		3	25	245	124	59	6.1	6.1	3	6.1	6.1										
		2	38	372	207	96	6.5	3				5.6	5.6								
	8	2	30	294	181	70			6.5	3	6.1			6.1							
		3	40	392	298	113	6	5				-	-								
		2	40	392	298	113			6	5	-			-							

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

**Flat Hinges (Countersunk Type)**

SHHPSD (Countersunk Type)

When mounting the hinges on panels, Hinge Nuts are recommended on P.811.

**RoHS10**

Material: SUS304

Part Number	No.	Number of Holes on One Side	Allowable Load		Mass g	L	W	K	P	J	S	Through	Countersink	T	E	R	CR	D	Unit Price		Volume Discount Rate	
			kg	N															1-8 pc(s).	9-100	1-8 pc(s).	9-100
SHHPSD	5	2	9	88	34	41	36	8	25	7.5	21	5.5	8.6 (For M4)	2	4.6	4.6	4	5	1-8 pc(s).	9-100	1-8 pc(s).	9-100
		3	11	108	56	66	48	9	30	8	32	6.5	10.6 (For M5)	3	6.1	6.1	5	6				
		2	12	117	49	48	8	32														
	6	2	15	147	80	78	62	11	37	10	42	6.5	10.6 (For M5)	3	6.1	6.1	5	6				
		3	25	245	111	59	6.1	6.1														
		2	38	372	185	96	6.5	3	6.1	6.1												
	8	2	30	294	162	70					6.5	3	6.1	6.1								
		3	40	392	266	113	6	5	-	-												
		2	40	392	266	113					6	5	-	-								

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

Ordering Example: Part Number SHHPS6 - Number of Holes on One Side 2

Alterations: Part Number SHHPS6 - (Number of Holes on One Side) 3 - (SET) - SET

Alteration	Code	Spec.	Hinge	No.	Number of Holes on One Side
Applicable Screw and Nut Set	SET	Applicable screws and nuts come in a set. *Stainless steel screws and nuts are included.	SHHPS SHHPSK SHHPT SHHPSD	5	2 3
				6	2 3
				8	2 3
				845	2 3

**Hinges with Slotted Holes**

SHPSNA

When mounting the hinges on panels, Hinge Nuts are recommended on P.811.

Material: SUS304

**RoHS10**

Part Number	No.	Allowable Load	Mass (g)	L	W	K	P	J	S	N	Z	T	(E)	(R)	CR	D	Unit Price		Volume Discount Rate		
																	kg	N	1-8 pc(s).	20-50	
SHPSNA	5	9	88	34	41	36	8	25	7.5	21	5.5	5.5x6.5	2	4.6	4.6	4	5	1-8 pc(s).	20-50	1-8 pc(s).	20-50
	6	12	117	48	48	48	9	30	8	32	5.5x10	3	6.1	6.1	5	6					
	8	25	245	111	59	62	11	37	10	42	6.5	6.5x10	3	6.1	6.1	5	6				

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

**Stainless Steel Hinges for Heavy Loads**

SHHPSZ

Type	Material	Surface Treatment
① Caster	SUS316	Buffed Finish
② Shaft	-	-

**RoHS10**

Part Number	No.	Allowable Load (N)	Weight (g)	L	W	P	S	C	C1	T	N		Screw, Nut		Screw, Nut Quantity	Nut Quantity	Unit Price		Volume Discount Rate		
											Through	Countersink	Quantity	Quantity			1-8 pc(s).	9-50			
SHHPSZ	6	350	110	47	48	30	32	6	14	5	5.5	11	4	HNTT6-5	4	HNTT8-6	4	1-8 pc(s).	9-50	1-8 pc(s).	9-50
	8	450	190	63	62	37	42	6	14	5	6.5	13	4	HNTT6-5	4	HNTT8-6	4				
	8-45	450	190	63	80	43	47	8	16	6	6.5	13	4	HNTT6-5	4	HNTT8-6	4				

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

**Aluminum Detachable Hinges**

HHPNL (For Left-hand Use)  
HHPNR (For Right-hand Use)

When mounting the hinges on panels, Hinge Nuts are recommended on P.811.

Material: A6063S-T5  
Bushing: Polyacetal  
Surface Treatment: Anodize

Figure is for Left-hand Use Type

**RoHS10**

Part Number	No.	Allowable Load	Mass g	L	W	K	P	J	S	N	E	R	Screw, Nut		Screw, Nut Quantity	Nut Quantity	Unit Price		Volume Discount Rate			
													Through	Countersink			Quantity	Quantity	1-8 pc(s).	9-50		
Aluminum Detachable Hinges HHPNL (For Left-hand Use) HHPNR (For Right-hand Use)	5	22	22	47	36	11	25	7.5	21	5.5	11	5	5	4	HNTT5-5	4	HNTT6-6	4	1-8 pc(s).	9-50	1-8 pc(s).	9-50
	6	10	98	33	48	8.5	30	8	32	6.5	13	5.5	5.5	4	HNTT6-6	4	HNTT8-6	4				
	8	10	98	48	63	13	37	10	42	6.5	13	5.5	5.5	4	HNTT6-6	4	HNTT8-6	4				

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

Ordering Example: Part Number SHHPSZ6 - (SET, SST) - SET

Alterations: Part Number SHHPSZ6 - (SET, SST) - SET

Alteration	Code	Spec.	Hinge	No.
Applicable Screw and Nut Set	SET SST (Stainless Steel)	Applicable screws and nuts come in a set. When SST is specified, screws and nuts will be in stainless steel. (When -SET is specified, the material of the Flat Head Screws is SCM435 and their surface treatment is Black Oxide.)	SHPSNA  SHHPSZ  HHPNL HHPNR	5
				6
				8
				6
				8
				8-45

\*When SET is specified, the product is not RoHS compliant.