

Welded / Long Hinges

Stainless Steel / Steel / for Heavy Loads

Welded Hinges - Stainless Steel

HHSY

Material: 304 Stainless Steel
Surface Treatment: Buffed Surface

RoHS10

Part Number	Type	L	W	C	C ₁	T	*Allowable Load (kg)	Weight (g)
HHSY	40	35	3	6.3	1.5	6	25	
	50	30	3	6.4	1.5	8	30	
	65	50	4	8.5	2	13	66	
	90	60	6	12.7	3	15	76	
	100	60	6	12.7	3	25	190	
						30	200	

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

Welded Steel Hinges

HHSYT

Material: Low Carbon Steel
Surface Treatment: Trivalent Chromate

RoHS10

Part Number	Type	L	W	*Allowable Load (kg)	Divisions	Weight (g)
HHSYT	50	50	25	3	105	
	90	60	40	5	180	
	100	80	45	5	245	

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

Welded Hinges for Heavy Loads

HHSYZ

Material: 304 Stainless Steel
Surface Treatment: Brushed Finish

RoHS10

Part Number	Type	L	W	(D)	t	Shape No.	* Allowable Load (Kg)	Weight (g)
HHSYZ	50	50	12	3	A	20	88	
	60	64	12	3	A	25	120	
	75	70	20	4	B	30	164	
	100	100	20	4	B	60	512	
	125	100	20	4	B	70	628	
	150	120	20	4	B	90	834	

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

Long Stainless Steel Hinges

HHSLV

Long hinges can be cut for use.

Material: 304 Stainless Steel

RoHS10

Part Number	Type	L	Mass (g)
HHSLV	300	165	
	350	190	
	450	250	
	600	335	
	750	410	
	1000	580	

Part Number Example

Part Number

HHSY50
HHSYT90
HHSYZ100
HHSLV300

Magnetic Catches

Magnetic Catches

MGCE1S

MGCE1

MGCE2

RoHS10

No.	Part Name	Material	Surface Treatment
(1)	Housing	Aluminum Alloy	Anodizing
(2)	Magnet	Ferrite	—
(3)	Catch Plate	Low Carbon Steel	Nickel Plating

Part Number	Retention Force (kgf)	Mass (g)
MGCE		
1S	0.5	7.5
1	5.5	36.7
2	9	72

Part Number Example

Part Number

MGCE2

Magnetic Catches

MGCB1

MGCB2

RoHS10

No.	Part Name	Material	Surface Treatment
(1)	Housing	BSP	Nickel Plating
(2)	Yokes	Low Carbon Steel	Nickel Plating
(3)	Magnet	Ferrite	—
(4)	Base	Aluminum Alloy	Anodizing
(5)	Catch Plate	Low Carbon Steel	Nickel Plating

Part Number	Retention Force (kgf)	Mass (g)
MGCB		
1	7	32
2	10	63

Part Number Example

Part Number

MGCB1

Magnetic Catches

MGCP

Mounting Hole Dimensions

Plate Thickness	Mounting Hole Dimensions					
	MGCP1		MGCP2 / MGCP3H		MGCP3	
t	A	B	A	B	A	B
0.5	22.5	8.3	—	—	—	—
0.8	—	—	34.1	—	55.0	—
1.0	—	—	34.1	—	55.0	—
1.2	—	—	34.5	8.2	55.5	8.2
1.6	—	—	35.0	—	56.0	—
2.0	—	—	36.5	—	56.5	—

No.	Part Name	Material	Surface Treatment
(1)	Housing	Plastic	—
(2)	Base	Low Carbon Steel	Colored Chromate

Ⓞ MGCP1/ 2/ 3: Ferrite Magnet
Ⓞ MGCP 3H: Neodymium Magnet

Part Number	Type	No.	L ₁	L ₂	L ₃	B ₁	B ₂	H ₁	H ₂	H ₃	Retention Force (kgf)	Mass (g)
MGCP	1	24.2	22.4	15	8.2	9.6	12.3	10.9	0.9	1.3	5	
	2	40	33.9	21.6	8	10	13.5	11	1.2	2.2	9	
	3	64	54.5	43	8	10	14	11.5	1.5	4.5	20	

Ⓞ MGCP3H is a compact type of MGCP3 with the same retaining force.

Part Number Example

Part Number

MGCP2