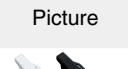


CATCHES LATCHES

PUSH KNOB LATCHES

Picture	Item Name	Retaining Force (kgf)	Page
	ZL-2901 	10	226
	DPL	10	227
	PKL05	10	228
	PKL07	10	228
	PKL-08	10	229
	TLP	20	230
	TLP-S	20	231
	TLP 3 POINT	-	232
	SL-B211, SL-B251	16	234
	SL-G25, SL-GB25	16	235
	AK-60	20	236

MAGNETIC TOUCH LATCHES

Picture	Item Name	Magnetic Force (kgf)	Page
	ML-30S	1.2	237
	ML-30W	1.2	237
	ML-80	1.6	238
	ML-120	2.4	238
	MC-25	0.5	239
	MC-S60	1.1	239
	MC-U60	1.1	240
	PM-4N HB	1.3	240

NON-MAGNETIC TOUCH LATCHES

Picture	Item Name	Retaining Force (kgf)	Page
	MLC-100	9.2	242
	MLC-HT130BL	12	242
	MC-28	3	243
	MC-37F	8	243

Picture	Item Name	Retaining Force (kgf)	Page
	PR-21P	-	244
	PR-20P	-	244
	NS2	-	244
	MC-20	4	245
	PR-4PK	1.2	245
	ESN-195/BLK	3.5	245

KNUCKLE CATCHES / TENSION CATCHES

Picture	Item Name	Push-in / Pulling Force (kgf)	Page
	BCTS-85J 	3.3 - 9.7	225-4
	RC6900, RC6901	1.1 - 2.2/ 1.6 - 3.2	246
	JC-24, JC-26	2.2 - 3.1/ 1.7 - 2.7	246
	NAC	5.7/7.1	246
	RCU	3.0/3.2	247
	JCU	2.0/2.3	247
	JCU-F	2.0/2.0	247
	JC-T50	3.3/3.8	248
	C882	-	248
	TS	-	249
	DER	-	249
	BCT	4.1 - 4.6/ 3.0 - 3.5	250
	BCTS 	2 - 5.7/ 1.3 - 3.9	250
	BCU	3.6 - 4.1/ 2.4 - 3.9	251
	BCT-60W	3.2/2.7	251
	S-1080 (STBRC) 	1.0/2.7	251

MAGNETIC CATCHES

Picture	Item Name	Magnetic Force (kgf)	Page
	MC-MSH NEW	2 - 4	225-3
	MC-FS34 NEW	1.3 - 2.2	225-3
	MC-FM20S	1	252
	MC0097	1.5 - 3.5	252
	MC-YS	1.2 - 3	252
	MC84	3	253
	MC-7004	2	253
	MC-FM20W	1	254
	MC-E	2 - 2.4	254
	MC-K	2.4 - 2.8	254
	MC-EA	2	255
	MC-SP	4.8 - 5.6	255
	MC-H	2.4 - 2.8	256
	TC-42	3.5	256
	MS	2.4 - 4	257
	MC-125	2.5	257
	MC-SS30	3	257
	MC-FS	1.5 - 7	258
	MC-FS, MC-FP5, MC-FB10	1.3 - 5.6	258
	MC-YSW	1.2 - 3	259
	MC-FP5S	4.5	259
	MC-JMF54	2.6	260
	MC-IS	1.0 - 2.5	260
	MC-IS4F	2.5	260
	MC-YN001, YN001P	2.7	261
	MC-YN015S, YN015SP	STAINLESS 304 STEEL 2.3	261
	MC-158	1.5	262

Picture	Item Name	Magnetic Force (kgf)	Page
	MC-159	4	262
	MC-159-8	8	263
	MC-159-SUS	STAINLESS 430 STEEL 5	263
	MC-YN003	1.7	264
	MC-YC-06	4.5	264
	MC-YN005	STAINLESS 430 STEEL 3 - 6	265
	MC-YN005HP	STAINLESS 430 STEEL 2 - 5.1	265
	MC0083	7	266
	MC0083-N	14	266
	MC0083HP	STAINLESS 430 STEEL 7.1 - 14.3	267
	MC0083D	10	267
	MC-S88	1.5	268
	MC-SM10	2	268
	MC-S78	0.8	268
	MC0099	1.1 - 5.2	269
	MC-110NF	8	269
	MC-JM63G	1.5 - 5	269
	MC-JM45	3	270
	MC-JMS45WT	3	270
	MC-MS50	4	271
	MC-JM50	3	271
	NMS	0.39 - 0.55	272
	XL-GC09-CR	FOR GLASS DOORS 1.5	274

COUNTER PLATES

Picture	Item Name		Magnetic Force (kgf)	Page
	K-150	FOR GLASS DOORS	-	241
	K-110	FOR GLASS DOORS	-	241
	K-130	FOR GLASS DOORS	-	241
	MC-JMP45		-	272
	MC-JM49	STAINLESS 304 STEEL	-	273
	AS-68	STAINLESS 430 STEEL	-	273
	W		-	273
	Z4		-	273
	SP0207		-	273
	MC-YN001U		-	273

DRAW LATCHES

Picture	Item Name		Load Capacity (kgf)	Page
	SCC-TF30	STAINLESS 304 STEEL	51	275
	SCC-25	STAINLESS 304 STEEL	-	275
	SCC-30	STAINLESS 304 STEEL	-	276
	SCC-40	STAINLESS 304 STEEL	-	276
	SCC-60	STAINLESS 304 STEEL	-	276
	SCCA-40		-	277
	SCCA-60		-	277
	STF-A56	STAINLESS 304 STEEL	-	278
	STF-C64	STAINLESS 304 STEEL	-	278
	STF-CP140	STAINLESS 304 STEEL	61	279
	STF40	STAINLESS 304 STEEL	-	280
	STF80	STAINLESS 304 STEEL	80	280
	STF82L	STAINLESS 304 STEEL	80	281
	STF100	STAINLESS 304 STEEL	80	281
	PN-51	STAINLESS 304 STEEL	70	282

FLUSH SLAM LATCHES

Picture	Item Name	Load Capacity (kgf)	Page
	LJ-61	-	282
	LC-48	-	283
	LC-65A	-	283

LEVER LATCHES

Picture	Item Name		Retaining Force (kgf)	Page
	LL-66S	STAINLESS 316 STEEL	20	284
	LL-66		20	284

SLIDE / BARREL BOLTS

Picture	Item Name	Door thickness (mm)	Page
	ZL-2402 NEW	-	225-5
	HCZ-80 NEW	-	225-6
	BL	STAINLESS 304 STEEL	285
	BL-S	STAINLESS 304 STEEL	285
	BLS	STAINLESS 304 STEEL	286
	BS	STAINLESS 304 STEEL	286
	BSS	STAINLESS 304 STEEL	287
	BSS2, BSS3	STAINLESS 304 STEEL	287
	HP-AK	STAINLESS 304 STEEL	288
	HP	STAINLESS 304 STEEL	288
	HP-635S, 645S, 660S	STAINLESS 316 STEEL	288
	BLL	STAINLESS 304 STEEL	289
	BLT	STAINLESS 304 STEEL	289
	SSL	STAINLESS 304 STEEL	289
	SSG	STAINLESS 304 STEEL	290
	S-550	STAINLESS 304 STEEL	290
	KR-50	STAINLESS 304 STEEL	291
	FL2	STAINLESS 304 STEEL	292
	FL4	STAINLESS 304 STEEL	292
	HR35	STAINLESS 304 STEEL	293
	ZL-2401 FOR GLASS DOORS	8,10,12 (glass)/ 28 - 40 (wood)	303
	ET-70FN	STAINLESS 304 STEEL	13,16,20
	ET-70DS	STAINLESS 304 STEEL	13,16
	ET-70DN	STAINLESS 304 STEEL	13,16

SLIDING DOOR LATCHES

Picture	Item Name		Door thickness (mm)	Page
	HC-30R	STAINLESS 304 STEEL	28 - 52	293
	HC-30	STAINLESS 304 STEEL	28 - 40	294
	HC-30H	STAINLESS 304 STEEL	28 - 40	294
	HC-30L	STAINLESS 304 STEEL	28 - 40	295
	HC-30HL	STAINLESS 304 STEEL	28 - 40	295
	HC-70	STAINLESS 304 STEEL	-	296
	HC-70H	STAINLESS 304 STEEL	26 - 40	296
	HHC-85	STAINLESS 304 STEEL	26 - 38	297
	HC-85SS	STAINLESS 304 STEEL	-	297
	HC-65	STAINLESS 304 STEEL	-	298
	SB, SBU		36 - 40	298
	SC, SCU		36 - 40	298
	HC-3051		35 - 45	300
	XL-MT120-H	FOR GLASS DOORS STAINLESS 304 STEEL	8, 13	304
	XL-MT120-U	FOR GLASS DOORS STAINLESS 304 STEEL	8, 13	304
	ET-125T	STAINLESS 304 STEEL	13	306

SEALED MAGNETIC CATCH (FOOD SANITATION ACT COMPLIANT MATERIAL) MC-MSH



Features

- Body material is compliant with the Food Sanitation Act (standard test for rubber implement, containers and packaging but not baby bottles).
- Blue body makes it easy to find even if it is covered in food and other parts can also be detected with a metal detector.
- The body is covered with silicone rubber which reduces the noise caused when the door closes.
- Small body with strong magnetic force due to neodymium magnet.
- Washer fitted in the body screw hole prevents silicone rubber from tearing when screwed.

Remarks

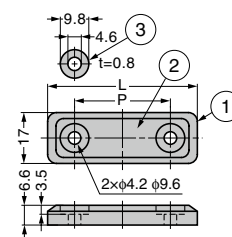
- Do not use in strong acid or strong alkaline environments.
 - Do not use in contact with steam, hot water or water.
 - Max. temperature: 80°C
 - Do not scrape violently, as the damaged surface may tear.
- Please use a flat counter plate without irregularities.

Sold Separately

Counter plate AS-68, MC-JM49

Recommended Screws

Truss screw M4



Body

CAD	Item Code	Item Name	L	P	Magnetic Force N	Magnetic Force kgf	Weight (g)	Box (pcs)	Carton (pcs)
	140-033-801	MC-MSH45BU	45	27	19.6	2	12	100	1000
	140-033-802	MC-MSH50BU	50	32	39.2	4	15	100	1000

Counter Plate Sold Separately

CAD	Item Code	Item Name	Weight (g)	Box (pcs)	Carton (pcs)
	140-050-138	AS-68	17	100	1000
	140-050-149	MC-JM49	10	100	1000

No.	Part Name	Material	Finish / Colour
①	Body	Silicone Rubber (Q)	Blue
②	Magnet	Neodymium	Nickel
③	Washer	Stainless Steel (SUS304)	Plain

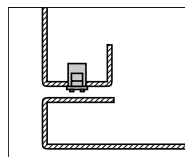
MAGNETIC CATCH (SNAP-IN INSTALLATION) MC-FS34



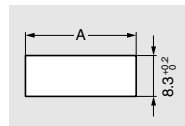
Remarks

Please read the warnings on the cautions page

Installation



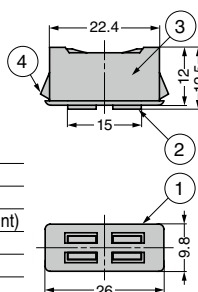
Cut Out Dimensions



Bore Dimensions

Item Name	Door Thickness	A
MC-FS34 WW/GW	0.5	22.6 ^{+0.2} ₀
	0.8	23.7 ^{+0.2} ₀
	1.0	22.7 ^{+0.1} ₀
MC-FS34 WB/BB/GB	1.2	23.5 ^{+0.1} ₀
	1.4	24.0 ^{+0.1} ₀
MC-FS34 WG/GG	1.6	22.7 ^{+0.1} ₀
	2.0	23.8 ^{+0.1} ₀

No.	Part Name	Material	Finish / Colour
①	Body	PA	White, Black, Grey
②	Yoke	Steel (SPCC)	Coloured Zinc Chromate (Trivalent)
③	Magnet	Ferrite	—
④	Spring	POM	White, Blue, Green



CAD	Item Code	Item Name	Body Colour	Spring Colour	Magnetic Force N	Magnetic Force kgf	Weight (g)	Box (pcs)	Carton (pcs)
	140-033-951	MC-FS34WW	White	White	12.7	1.3	5.3	200	2000
	140-033-952	MC-FS34GW	Grey		21.6	2.2		200	2000
	140-033-953	MC-FS34WB	White		12.7	1.3		200	2000
	140-033-954	MC-FS34BB	Black	Blue	21.6	2.2		200	2000
	140-033-955	MC-FS34GB	Grey		12.7	1.3		200	2000
	140-033-956	MC-FS34WG	White		21.6	2.2		200	2000
	140-033-957	MC-FS34GG	Grey	Green	12.7	1.3		200	2000

TENSION CATCH (CATCH FORCE ADJUSTABLE)

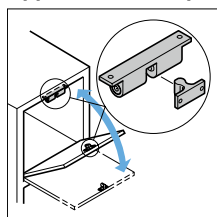
Under Development

SUS316

BCTS-85J



Application Example



This product can also be used for catching in a vertical direction.

Features

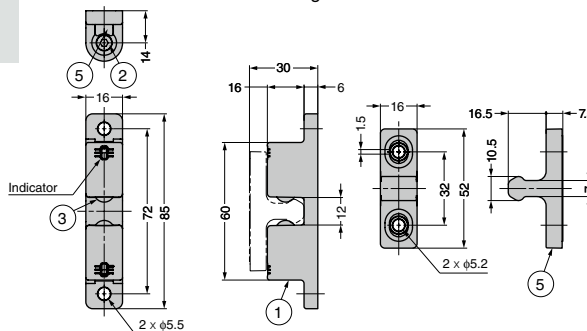
- Catch can retain ball from top or from sides allowing for different types of installations.
- Catch force is adjustable.
- Female catch can slide 1.5mm to accommodate misalignments between ball and catch.

Remarks

- The pushing force and pulling force vary. Test the actual product before purchase.
- The pushing force and pulling force can be adjusted with a hex bar spanner (nominal 3).
- When adjusting the catch force, check the indicator and adjust until the left and right screws are level.

Recommended Screw

Size M5 cross-recessed binding screws



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SCS14)	Electropolishing
②	Adjustment Screw	Stainless Steel (SUS316)	Plain
③	Ball	Stainless Steel (SUS316)	Plain
④	Counter Plate	Stainless Steel (SCS14)	Electropolishing
-	Compression Coil Springs	Stainless Steel (SUS631-WPC)	Plain

*SCS14 is a cast steel material similar to SUS316.

CAD	Item Code	Item Name	Pulling Force N	Pulling Force kgf	Pushing Force N	Pushing Force kgf	Weight (g)
2D/3D	-	BCTS-85J	36 - 96	3.7 - 9.7	32 - 96	3.3 - 9.7	168

Zwei L STAINLESS STEEL LEVER BOLT

SUS316



ZL-2402



The indicator colour enables easy visibility, allowing you to see clearly whether the door is locked or unlocked.

Features

- A thumbturn lever bolt with an indicator for use on glass and wooden doors.
- Made from stainless steel (SUS316) for superior corrosion resistance.
- Uses our Zwei L finish which is created by using advanced polishing technology. It combines a high quality satin finish with a lustrous rich mirrored polish.
- Internal mechanism uses a lever to draw the door to the frame when locking.
- Comes with a trigger (safety feature) so that the lock cannot engage when the door is not closed.

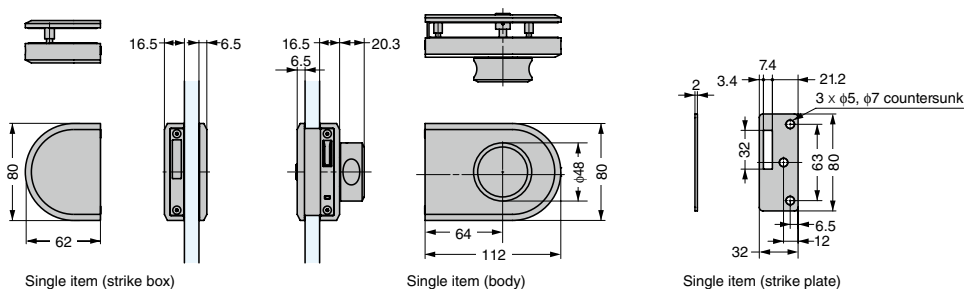
Parts Included

- Size M4 countersunk hex socket bolt (for door mounting)
- Size M3 countersunk hex socket bolt (for cover mounting)

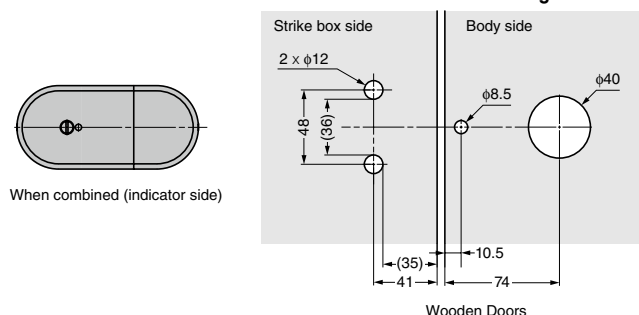
*The required screws differ depending on the door thickness. See the Types of Screws Included table for details.

Sold Separately

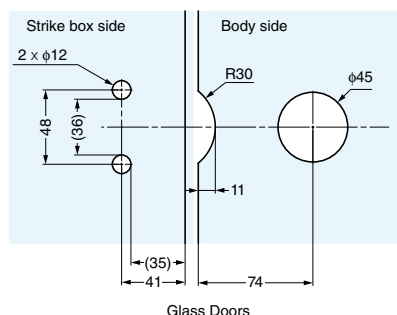
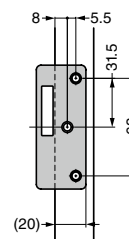
- Strike box ZL-2402-B
- Strike plate ZL-2402-FB



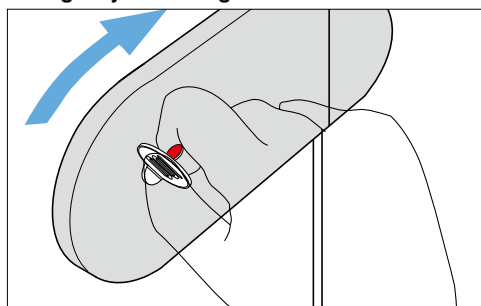
Cut Out Dimensions: When using strike box



Application Example with Wooden Door and Strike Plate

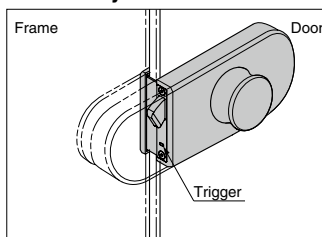


Emergency Unlocking Method



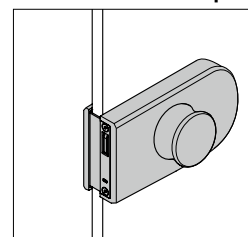
The indicator has a feature which enables unlocking the door from outside in an emergency. To unlock, rotate the centre 90° with a coin, etc. as shown in the figure above.

With Safety Feature



The trigger senses whether the door is open or closed, and only enables the thumbturn to be turned all the way when the door is closed.

Flat when Door is Open



When the door is open, the lever and trigger lie flat and do not protrude.

Main Body

CAD	Item Code	Item Name	Specifications	Board Thickness (mm)	Material	Finish	Box (sets)
	140-050-402	ZL-2402-G	For Glass Door	10 - 12	Stainless Steel (SUS316)	Zwei L Finish	1
	140-040-967	ZL-2402-W	For Wooden Door	33 - 45			1

Strike Box (sold separately)

CAD	Item Code	Item Name	Specifications	Material	Finish	Box (sets)
	140-040-968	ZL-2402-B	For Glass or Wooden Door	Stainless Steel (SUS316)	Zwei L Finish	1

Strike Plate (sold separately)

CAD	Item Code	Item Name	Specifications	Material	Finish
	140-040-975	ZL-2402-FB	For Wooden Door	Stainless Steel (SUS316)	Zwei L Finish

Types of Screws Included	Quantity	For Glass Door	For Wooden Door		
		Thickness 10 - 12	Thickness 33 - 37	Thickness 38 - 42	Thickness 43 - 45
Countersunk Hex Socket Bolt (for door mounting)	3	M4 × 20	M4 × 45	M4 × 50	M4 × 55
Countersunk Hex Socket Bolt (for cover mounting)	1	M3 × 10			
	2	M3 × 8			

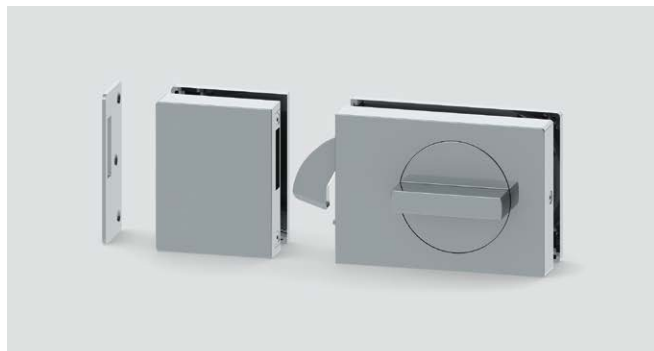
LEVER BOLT (W/INDICATOR)

L=R

INSTRUCTION

TEMPERED GLASS

HCZ-80



The indicator colour enables easy visibility, allowing you to see clearly whether the door is locked or unlocked.

Features

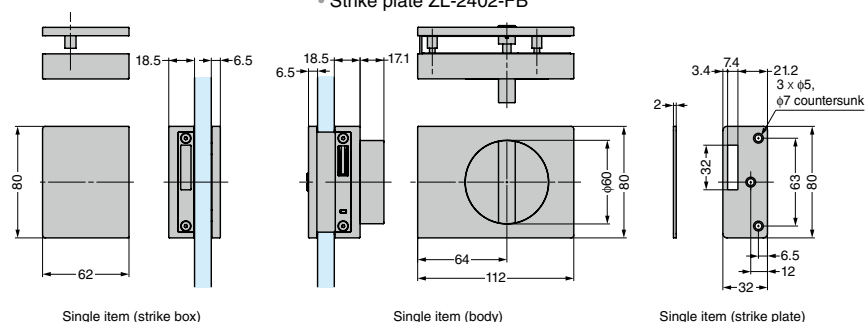
- A thumbturn lever bolt with an indicator for use on glass and wooden doors.
- Internal mechanism pulls the door to the frame when locked, limiting unintended movement of door and frame.
- Comes with a trigger (safety feature) so that the lock cannot engage when the door is not closed.
- When the door is open, the lever and trigger lie flat and do not protrude.

Parts Included

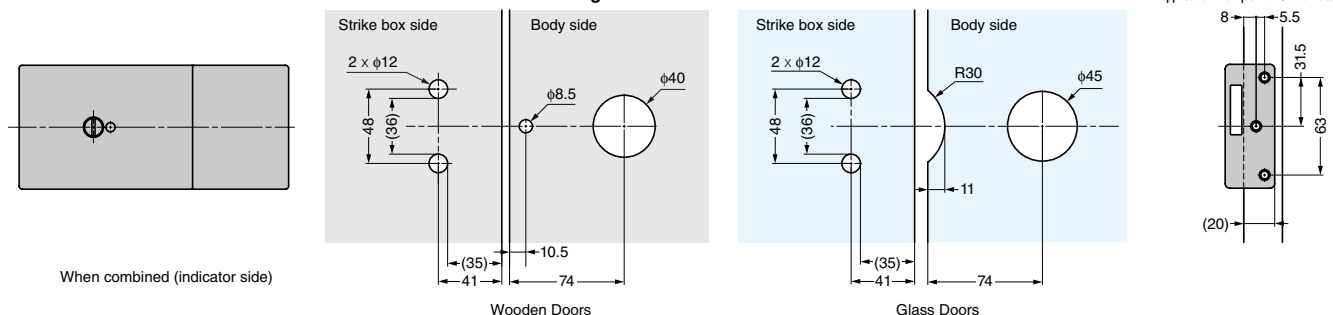
- Size M4 countersunk hex socket bolt (for door mounting)
- Size M3 countersunk hex socket bolt (for cover mounting)
- *The required screws differ depending on the door thickness. See the Types of Screws Included table for details.

Sold Separately

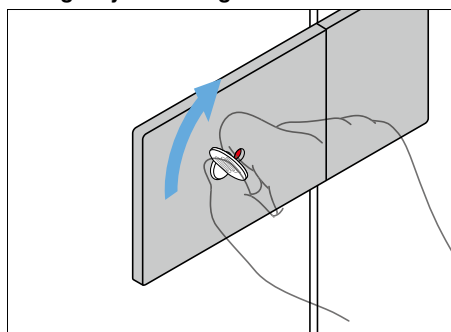
- Strike box HCZ-80B-CR, HCZ-80B-SN
- Strike plate ZL-2402-FB



Cut Out Dimensions: When using strike box



Emergency Unlocking Method



The indicator has a feature which enables unlocking the door from outside in an emergency. To unlock, rotate the centre 90° with a coin, etc. as shown in the figure above.

Main Body

CAD	Item Code	Item Name	Specifications	Compatible Door Thickness (mm)	Material	Finish	Weight (g)	Box (sets)
	140-040-969	HCZ-80G-CR	For Glass Door	10 - 12	Zinc Alloy (ZDC)	Chrome Plating	1050	1
	140-040-970	HCZ-80G-SN				Satin Nickel Plating		1
	140-040-971	HCZ-80W-CR	For Wooden Door	33 - 45		Chrome Plating		1
	140-040-972	HCZ-80W-SN				Satin Nickel Plating		1

Strike Box (sold separately)

CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (sets)
	140-040-973	HCZ-80B-CR	Zinc Alloy (ZDC)	Chrome Plating	500	1
	140-040-974	HCZ-80B-SN		Satin Nickel Plating		1

Strike Plate (sold separately)

CAD	Item Code	Item Name	Material	Finish	Weight (g)
	140-040-975	ZL-2402-FB	Stainless Steel (SUS316)	Zwei L Finish	50



Zwei L PUSH KNOB LATCH

TEST
METHOD 11

L=R

STAINLESS
316
STEELY
STAINLESS

ZL-2901



Knob (Pushed in)



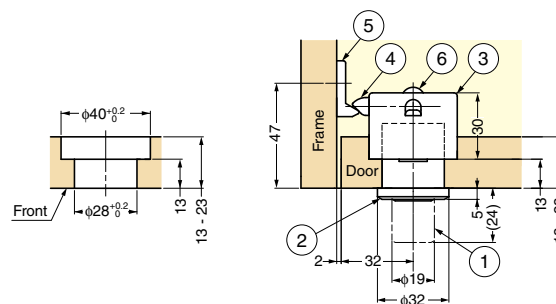
Features

- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.
- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- Pushing the knob in while the door is closed will lock it. Pushing the knob again will unlock it.
- Available for both overlay and inset doors.
- This product is sold as a set and comes with both a latch and a push knob

Parts Included

Round head wood screw 3.1×10, 3.1×28 (SUS)

Cut Out Dimensions



No.	Part Name	Material	Finish/Colour
①	Push Knob	Stainless Steel (SUS316)	Zwei L Finish
②	Latch Body	Stainless Steel (SUS316)	Zwei L Finish
③	Latch Body	ABS	Black
④	Latch	Polyacetal (POM)	Black
⑤	Counter Plate	ABS	Black
⑥	Truss Head Tapping Screw M3×25	Stainless Steel	-

Item Code	Item Name	Retaining Force N	Retaining Force kgf	Weight	Box
140-050-403	ZL-2901	98 N	10 kgf	100 g	1 pc

PUSH KNOB LATCH

TEST
METHOD 11

L=R

STAINLESS

DPL



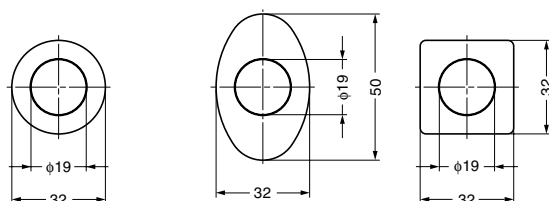
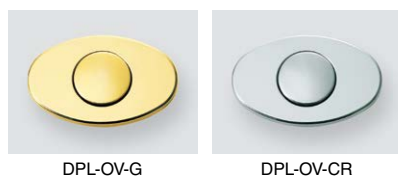
Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- Pushing the knob in while the door is closed will lock it. Pushing the knob again will unlock it.
- Available for both overlay and inset doors.
- This product is sold as a set and comes with both a latch and a push knob

Parts Included

- Binding head tapping screw 4x20 (SUS)
- Pan head tapping screw 3x14 (SUS)

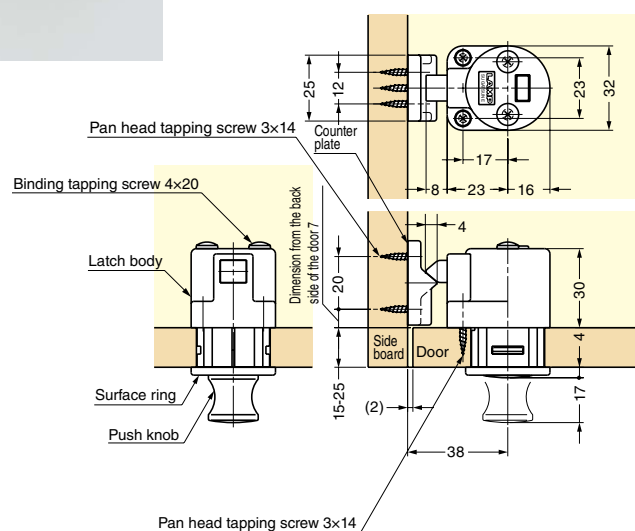
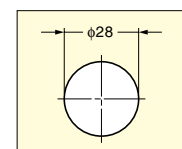
Push Knob and Surface Ring



Latch Body and Counter Plate



Cut Out Dimensions



Part Name	Material
Latch Body-Counter Plate	ABS
Push Knob-Surface Ring	Zinc Alloy (ZDC)

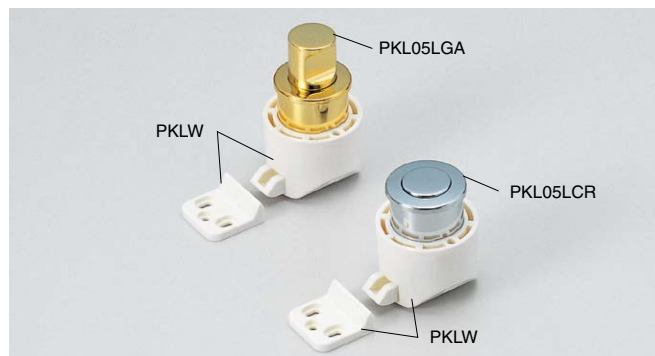
Item Code	Item Name	Finish	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-014-739	DPL-RO-G	Gold (Clear/Paint)	98 N	10 kgf	72 g	10 pcs	80 pcs
140-014-740	DPL-RO-CR	Chrome	98 N	10 kgf	72 g	10 pcs	80 pcs
140-014-734	DPL-OV-G	Gold (Clear/Paint)	98 N	10 kgf	83 g	10 pcs	80 pcs
140-014-735	DPL-OV-CR	Chrome	98 N	10 kgf	83 g	10 pcs	80 pcs
140-014-737	DPL-SQ-G	Gold (Clear/Paint)	98 N	10 kgf	78 g	10 pcs	80 pcs
140-014-738	DPL-SQ-CR	Chrome	98 N	10 kgf	78 g	10 pcs	80 pcs
140-014-736	DPL-SQ-SN	Satin Nickel	98 N	10 kgf	78 g	10 pcs	80 pcs

PUSH KNOB LATCH

TEST
METHOD 11

STAINLESS

PKL05



Push Knob

Latch Body and Counter Plate



GA



CR



PKLW

Push Knob

Item Code	Item Name	Type	Finish/Colour	Weight	Box	Carton
140-015-031	PKL05RGA	Right	Gold	68 g	20 pcs	200 pcs
140-015-030	PKL05RCR	Right	Chrome	68 g	20 pcs	200 pcs
140-015-028	PKL05LGA	Left	Gold	68 g	20 pcs	200 pcs
140-015-027	PKL05LCR	Left	Chrome	68 g	20 pcs	200 pcs

Latch Body-Counter Plate

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-012-822	PKLW	White	98 N	10 kgf	29 g	20 pcs	200 pcs

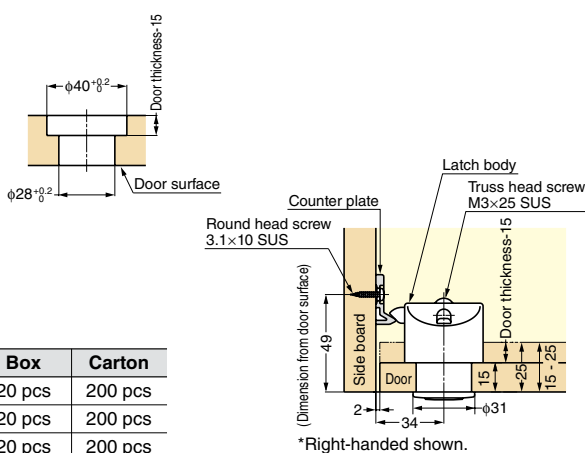
Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- Pushing the knob in while the door is closed will lock it. Pushing the knob again will unlock it.
- Available in both right hanging and left hanging types.
- Available for both overlay and inset doors.

Parts Included

Round head wood screw 3.1×10, 3.1×28 (SUS)

Cut Out Dimensions



Part Name	Material
Push Knob	ABS
Latch Body	ABS/Polyacetal (POM)
Counter Plate	ABS

PUSH KNOB LATCH

TEST
METHOD 11

L=R

STAINLESS

PKL07



Push Knob

Latch Body and Counter Plate



PKLSW

Push Knob

Item Code	Item Name	Colour	Weight	Box	Carton
140-012-819	PKL-07SW	White	33 g	20 pcs	200 pcs

Latch Body-Counter Plate

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-012-820	PKLSW	White	98 N	10 kgf	29 g	20 pcs	200 pcs

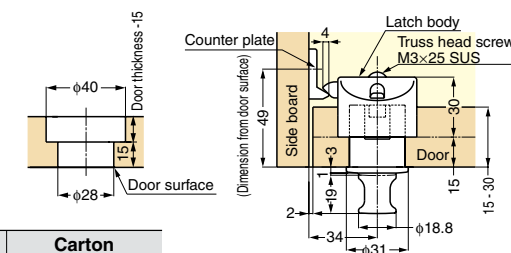
Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- Pushing the knob in while the door is closed will lock it. Pushing the knob again will unlock it.
- Available for both overlay and inset doors.

Parts Included

Round head wood screw 3.1×10, 3.1×28 (SUS)

Cut Out Dimensions



Part Name	Material
Push Knob	ABS
Latch Body	ABS/Polyacetal (POM)
Counter Plate	ABS

PUSH KNOB LATCH

TEST
METHOD 11

L=R

STAINLESS

PKL-08



Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- Pushing the knob in while the door is closed will lock it. Pushing the knob again will unlock it.
- Available for both overlay and inset doors.

Parts Included

- Truss head screw M3×25 (SUS)
- Round head wood screw 3.1×10, 3.1×28 (SUS)

Option

Spacer (below)

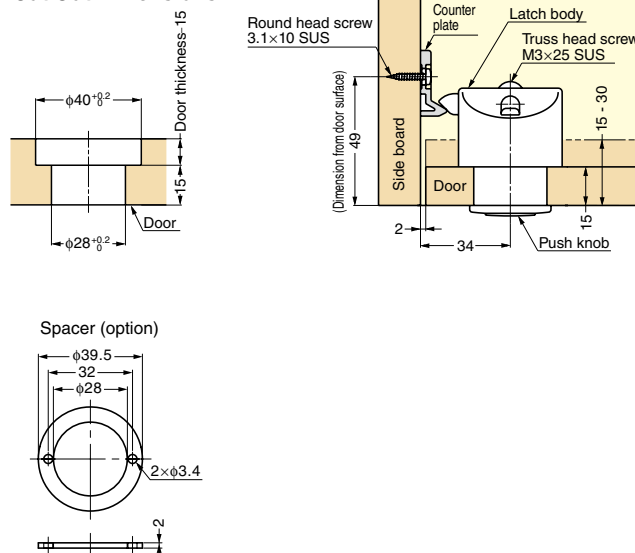
Latch Body and Counter Plate



Application Example



Cut Out Dimensions



Part Name	Material
Push Knob	Zinc Alloy (ZDC)
Latch Body-Counter Plate	ABS
Spacer (Option)	ABS

Push Knob

Item Code	Item Name	Finish	Weight	Box	Carton
140-019-792	PKL-08/GA	Gold	63 g	20 pcs	200 pcs
140-019-794	PKL-08/CR	Chrome	63 g	20 pcs	200 pcs
140-019-793	PKL-08/BN	Black Nickel	63 g	20 pcs	200 pcs

Latch Body-Counter Plate

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-012-822	PKLW	White	98 N	10 kgf	30 g	20 pcs	200 pcs
140-012-820	PKLSW	Snow White	98 N	10 kgf	30 g	20 pcs	200 pcs
140-012-821	PKLB	Black	98 N	10 kgf	30 g	20 pcs	200 pcs

Spacer (Option)

Item Code	Item Name	Colour	Weight	Carton
140-019-255	PKL-Spacer/WHT	White	2 g	2,000 pcs
140-019-256	PKL-Spacer/BLK	Black	2 g	2,000 pcs

TEST
METHOD 11

L=R

STAINLESS

TLP

PUSH KNOB LATCH



TLP-SG



TLP-WB



TLP-G



TLP-CR



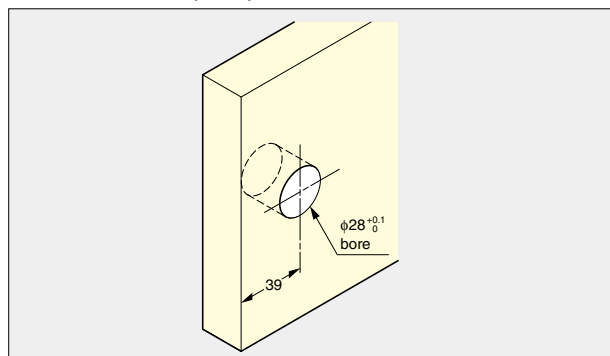
Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- The latch is spring powered and automatically springs out, holding the door in place easily without pushing in the latch.
- Can be adjusted to different door thicknesses (19-30mm) by adjusting the screws before installing the latch body.
- Available for both overlay and inset doors.
- Also available is the 3 point TLP lock system.

Parts Included

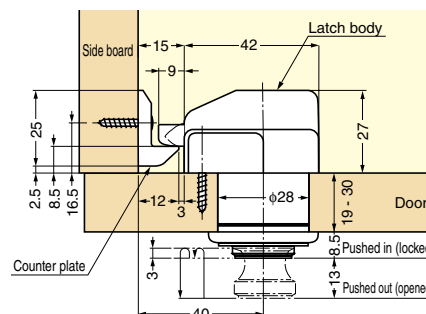
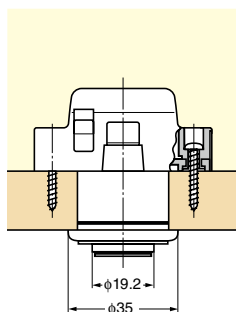
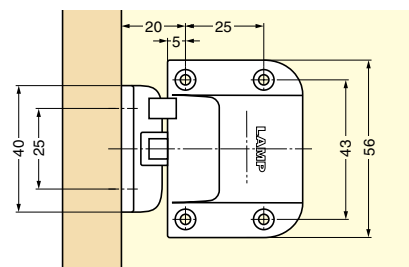
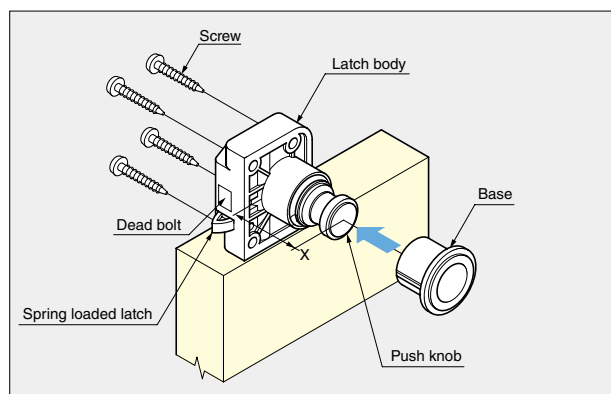
- Screw to install latch body: Pan-head tapping screw 3x20 (SUS)
- Screw to install counter plate: Pan-head tapping screw 3x16 (SUS)
- Screw to adjust door thickness: M4x24, M4x30

Bore Dimensions (Door)



Dimension above is for inset door.

Parts Structure



Installation for overlay door

Part Name	Material
Push Knob	Brass
Base	Zinc Alloy (ZDC)
Latch Body	Polyamide (PA)

X Dimension

Screw Length	Door Thickness	X
24	19	40.5
	20	41.5
	21	42.5
	22	43.5
	23	44.5
	24	45.5
30	25	46.5
	26	47.5
	27	48.5
	28	49.5
	29	50.5
	30	51.5

Push Knob-Base

Item Code	Item Name	Finish	Weight	Box	Carton
140-060-113	TLP-SG	Satin Gold	77 g	25 pcs	200 pcs
140-064-431	TLP-WB	Satin Nickel	77 g	25 pcs	200 pcs
140-064-433	TLP-G	Gold	77 g	25 pcs	200 pcs
140-064-432	TLP-CR	Chrome	77 g	25 pcs	200 pcs

Latch Body-Counter Plate

Item Code	Item Name	Colour	Retaining Force		Weight	Box	Carton
140-060-934	TLP-LBM W	White	196 N	20 kaf	47 a	10 pcs	100 pcs

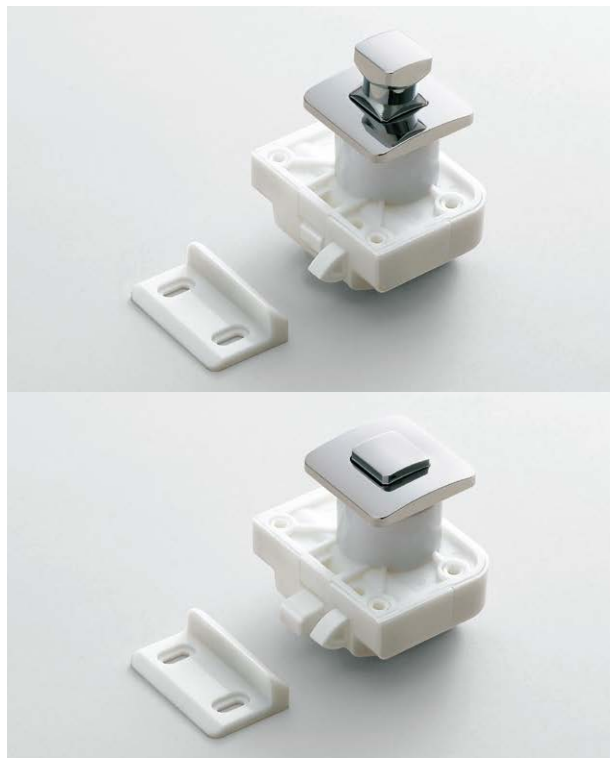
PUSH KNOB LATCH

TEST
METHOD 11

L=R

STAINLESS

TLP-S



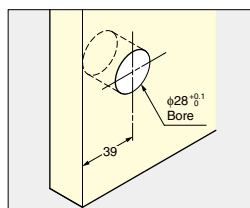
Features

- When the knob is pushed in, the product becomes flush with its surroundings for a safe and smart design.
- The latch is spring powered and automatically springs out, holding the door in place easily without pushing in the latch.
- Can be adjusted to different door thicknesses (19-30mm) by adjusting the screws before installing the latch body.
- Available for both overlay and inset doors.

Parts Included

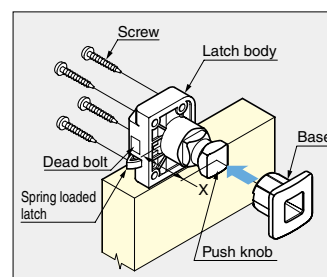
- Screw to install latch body: Pan-head tapping screw 3×20 (SUS)
- Screw to install counter plate: Pan-head tapping screw 3×16 (SUS)
- Screw to adjust door thickness: M4×24, M4×30

Bore Dimensions (Door)



Dimension above is for inset door.

Parts Structure



Latch Body and Counter Plate



Brown is also available as special order.

Push Knob and Base



TLP-S-BB-WB

TLP-S-BB-G

TLP-S-BB-CR

X Dimension

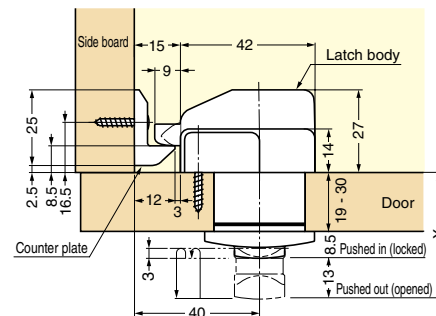
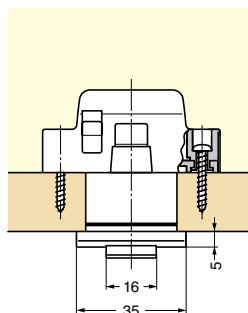
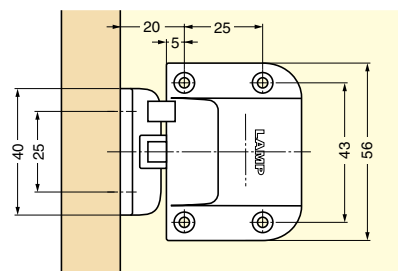
Screw Length	Door Thickness	X	Screw Length	Door Thickness	X
24	19	40.5	30	25	46.5
	20	41.5		26	47.5
	21	42.5		27	48.5
	22	43.5		28	49.5
	23	44.5		29	50.5
	24	45.5		30	51.5

Push Knob-Base

Item Code	Item Name	Finish	Weight	Box	Carton
140-014-264	TLP-S-BB-WB	Satin Nickel	84 g	30 pcs	150 pcs
140-014-265	TLP-S-BB-G	Gold	84 g	30 pcs	150 pcs
140-012-390	TLP-S-BB-CR	Chrome	84 g	30 pcs	150 pcs

Latch Body-Counter Plate

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-060-934	TLP-LBM W	White	196 N	20 kgf	47 g	10 pcs	100 pcs



Part Name	Material
Push Knob	Brass
Base	Zinc Alloy (ZDC)
Latch Body	Polyamide (PA)

PUSH KNOB BAR LATCH

L=R

STEEL

TLP 3 POINT

CATCHES & LATCHES

PUSH KNOB BAR LATCH



Push Knob



X Dimension

Screw Length	Door Thickness	X
l=24	19	40.5
l=24	20	41.5
l=24	21	42.5
l=24	22	43.5
l=24	23	44.5
l=24	24	45.5
l=24	25	46.5
l=24	26	47.5
l=24	27	48.5
l=24	28	49.5
l=24	29	50.5
l=24	30	51.5

Features

- Recommended for use on large cabinet doors
- By pushing in the latch, easily close all 3 locks at the same time.
- When closed, the push button can be pressed in for a flush appearance
- Has built-in door holding feature to hold door in place when closed without having to use push in knob to lock the door.
- The subsidiary locks are hooking locks and pull the door in to lock.
- Available for both overlay and inset doors. Regardless of type, surface installation is easy.
- Non-handed
- Can be adjusted to different door thicknesses (19-30mm) by adjusting the screws before installing the latch body.
- Post-installation, the push button is fixed in place, preventing rotation for easy use.

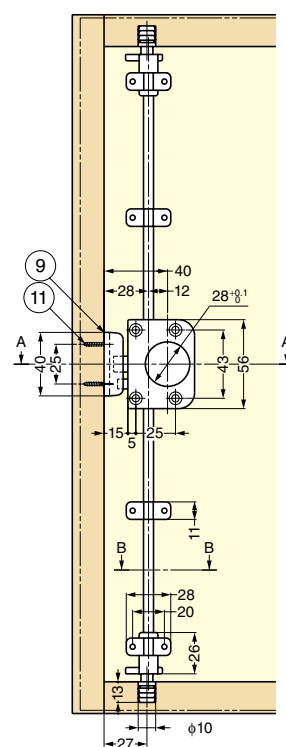
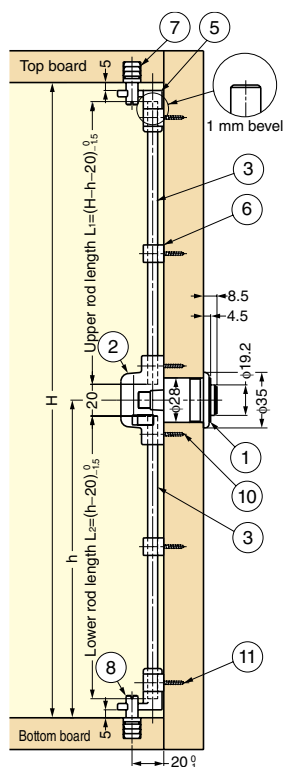
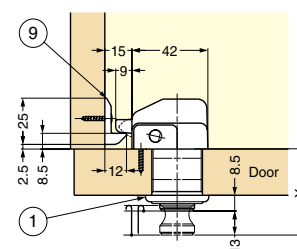
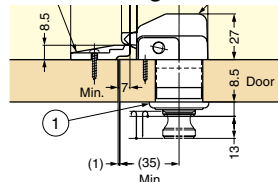
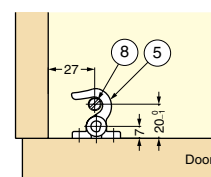


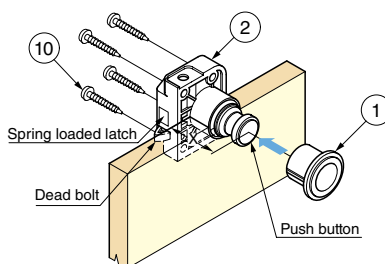
Plate for Swing Door



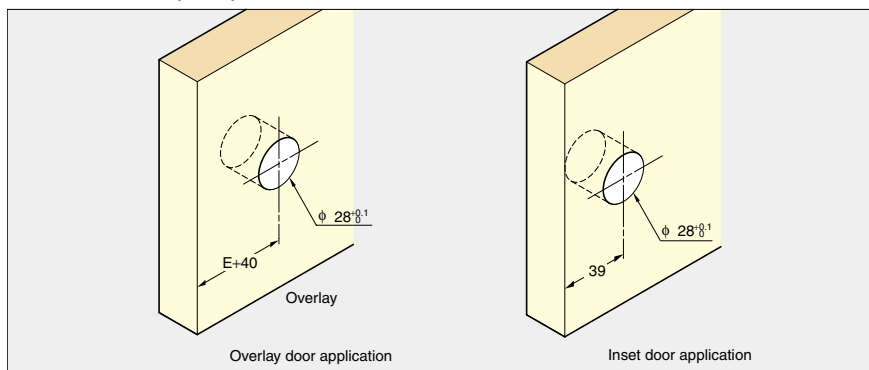
A-A cross section



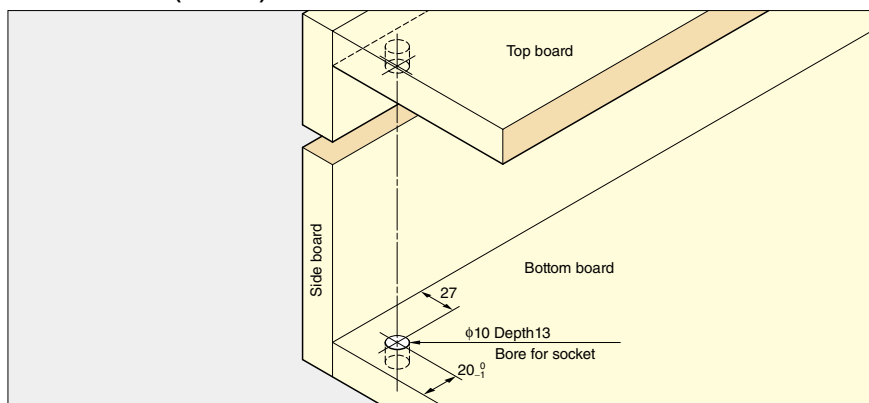
B-B cross section



Bore Dimension (Door)



Bore Dimension (Cabinet)



Parts Details

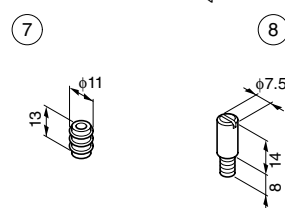
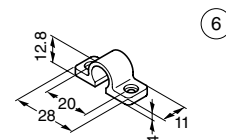
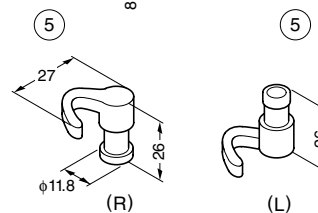
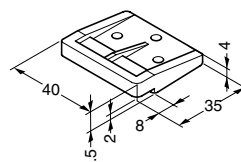
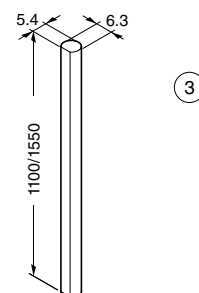
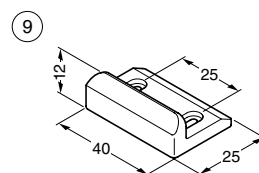
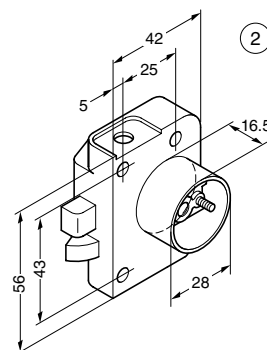
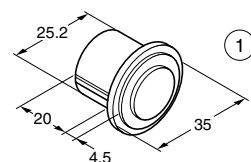
Item Code	Item Name	No.	Name	Door Thickness	Material	Finish/Colour	Needed Qty	Box	Carton
140-060-113	TLP-SG	①	Push Button	19 - 30	Zinc Alloy (ZDC)/Brass	Satin Gold	1 pc	25 pcs	200 pcs
140-064-431	TLP-WB	①	Push Button	19 - 30	Zinc Alloy (ZDC)/Brass	Satin Nickel		25 pcs	200 pcs
140-064-433	TLP-G	①	Push Button	19 - 30	Zinc Alloy (ZDC)/Brass	Gold		25 pcs	200 pcs
140-064-432	TLP-CR	①	Push Button	19 - 30	Zinc Alloy (ZDC)/Brass	Chrome		25 pcs	200 pcs
150-060-240	TLP-W	②	Latch Body	-	Polyamide (PA)	White	1 pc	10 pcs	100 pcs
150-060-231	TLF-1100	③	Prop (Length: 1100)	-	Steel	Nickel	2 pcs	-	50 pcs
150-060-232	TLF-1550	③	Prop (Length: 1550)	-	Steel	Nickel		-	50 pcs
150-060-235	TLF-ST03W	④	Counter Plate for Double Swing Door	-	Polyamide (PA)	White	1 pc	-	-
150-060-271	TLPP-W	⑤ - ⑧, ⑪	Parts Set (White)	-	As below	As below	1 set	25 sets	250 sets
150-060-270	TLPP-BR	⑤ - ⑧, ⑪	Parts Set (Brown)	-	As below	As below		25 sets	250 sets

Parts Included in ②

No.	Part Name	Qty	Material	Finish/Colour
⑨	Counter Plate	1 pc	Polyamide (PA)	White
⑩	Pan Head Tapping Screw 3x20	4 pcs	Steel	Yellow Zinc Chromate
⑪	Pan Head Tapping Screw 3x16	2 pcs	Steel	Yellow Zinc Chromate

Details of ⑤ - ⑧, ⑪

No.	Part Name	Qty	Material	Finish/Colour
⑤	Hook	Left and Right each 1 pc	Polyacetal (POM)	White/Brown
⑥	Holder	4 pcs	Polyamide (PA)	White/Brown
⑦	Socket M6	2 pcs	Polyamide (PA)	White/Brown
⑧	Striker (M6 Screw)	2 pcs	Steel	Nickel
⑪	Pan Head Screw 3x16	8 pcs	Steel	Yellow Zinc Chromate



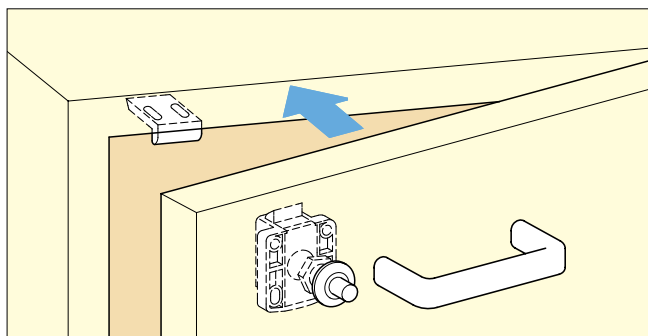
TEST METHOD 11

SL-B211-BR

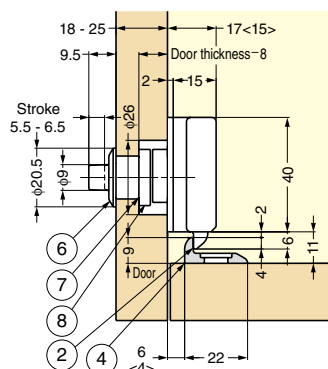
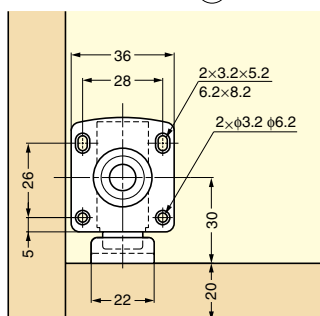
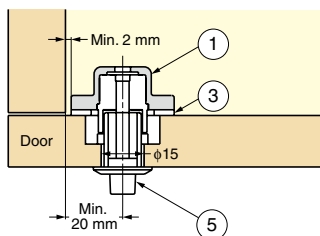
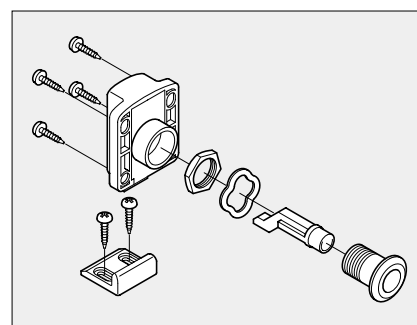
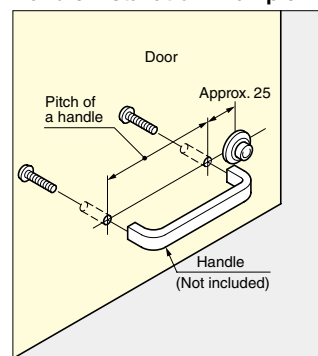
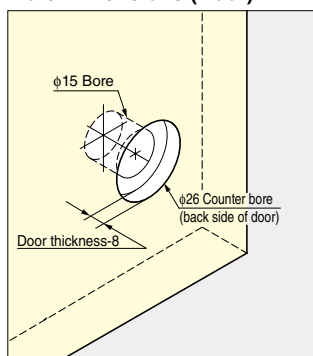
SL-B211-I

- Combination of push button and slide latch. Used in combination with a handle of your choice (sold separately)
- SL-B211 can be used for doors with thickness between 18-21mm. SL-B251 can be used for doors from 22-25mm thick. Adjust the spacer depending on door thickness.

Pan head tapping screw 3x14



Handle Installation Example



* < > = Without spacer.

No.	Part Name	Material	Finish/Colour
①	Body	Polyamide (PA)	Ivory, Brown
②	Latch	Polyamide (PA)	Ivory, Brown
③	Spacer	Polyamide (PA)	Ivory, Brown
④	Counter Plate	Polyacetal (POM)	Ivory, Brown
⑤	Push Button	Polyacetal (POM)	Ivory, Brown
⑥	Base	Polyamide (PA)	Ivory, Brown
⑦	Washer (φ14)	Spring Steel	–
⑧	Nut (M14)	Steel	Yellow Zinc Chromate

Item Code	Item Name	Colour	Door Thickness	Spacer	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-060-010	SL-B211-I	Ivory	18, 19	Necessary	156.8 N	16 kgf	23.5 g	20 pcs	200 pcs
			20, 21	Unnecessary					
140-060-011	SL-B211-BR	Brown	18, 19	Necessary	156.8 N	16 kgf	23.5 g	20 pcs	200 pcs
			20, 21	Unnecessary					
140-060-016	SL-B251-I	Ivory	22, 23	Necessary	156.8 N	16 kgf	23.5 g	20 pcs	200 pcs
			24, 25	Unnecessary					
140-060-017	SL-B251-BR	Brown	22, 23	Necessary	156.8 N	16 kgf	23.5 g	20 pcs	200 pcs
			24, 25	Unnecessary					

PUSH KNOB LATCH

**TEST
METHOD 11**
STEEL
SL-G25, SL-GB25


SL-G25L-I

Features

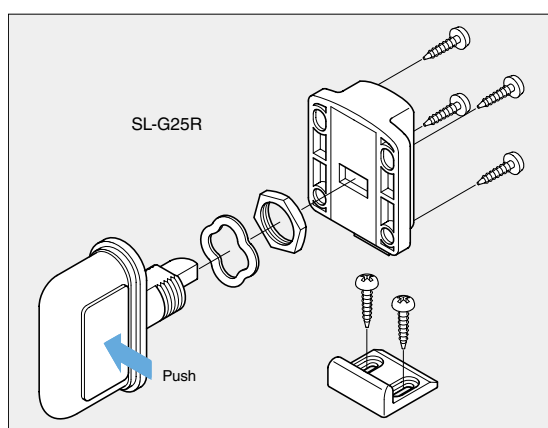
- Unit is composed of knob and slide latch.
- Wide push button makes operating (opening and closing) easy
- Suitable for doors between 18-25mm thick

Parts Included

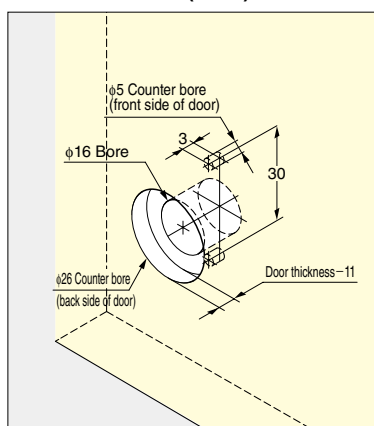
Pan head tapping screw 3×14

CATCHES & LATCHES

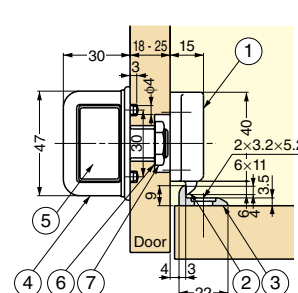
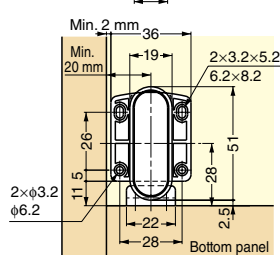
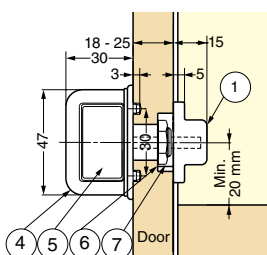
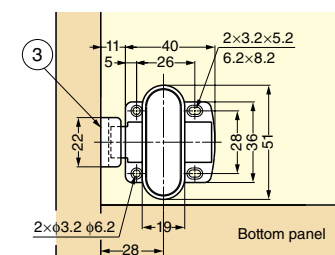
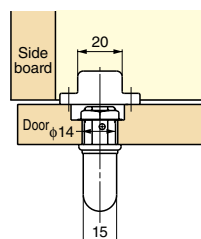
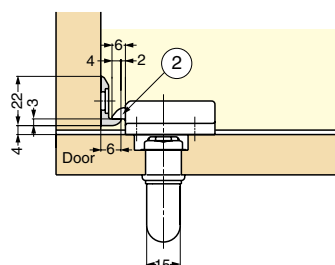
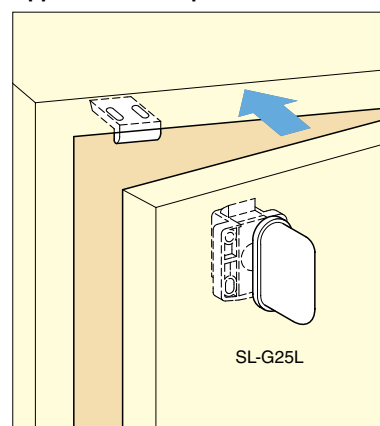
PUSH KNOB LATCH



Bore Dimensions (Door)



Application Example



Dimension above: SL-GB25

Dimension above: SL-G25R

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-060-030	SL-G25L-I	Ivory	156.8 N	16 kgf	32.5 g	20 pcs	200 pcs
140-060-022	SL-G25R-I	Ivory	156.8 N	16 kgf	32.5 g	20 pcs	200 pcs
140-060-038	SL-GB25-I	Ivory	156.8 N	16 kgf	32.5 g	20 pcs	200 pcs

No.	Part Name	Material	Finish/Colour
①	Body	Polyamide (PA)	Ivory
②	Latch	Polyamide (PA)	Ivory
③	Counter Plate	Polyacetal (POM)	Ivory
④	Knob	ABS	Ivory
⑤	Lever	Polyacetal (POM)	Ivory
⑥	Washer (φ14)	Spring Steel	-
⑦	Nut (M14)	Steel	Yellow Zinc Chromate

PUSH KNOB LATCH

TEST
METHOD 11

STAINLESS

AK-60



Features

- Prevents unintended opening of flap doors and doors due to shaking from events like earthquakes.
- Installed on the interior of flap doors and doors, removing the need for handles or knobs, creating a seamless outward appearance.
- Operation is easy. Closing the flap or door causes the unit to automatically latch. Opening the flap or door is easy by just pushing on it.
- Can be installed on either the bottom or top of storage cabinets and similar items.
- Cover for the cut end available (sold separately)

Recommended Application

Door thickness: Min. 18 mm

Door size: H: max. 700 mm × W max. 500 mm

Thickness of top board or bottom board: 25 mm

(use spacer in case 20 mm or 15 mm)

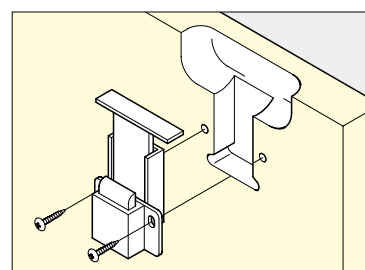
* 25 mm-thick board: screw for mounting counter plates = 3.5×15

* 20 mm or 15 mm-thick board: screw for mounting counter plates = 3.5×20

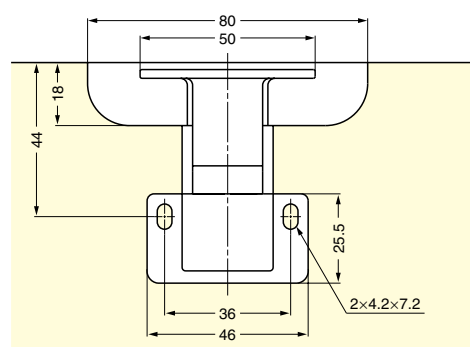
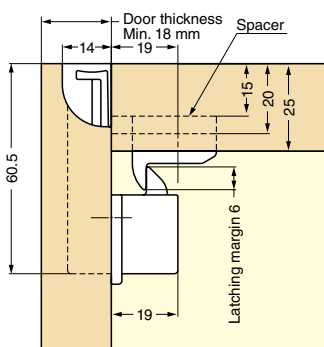
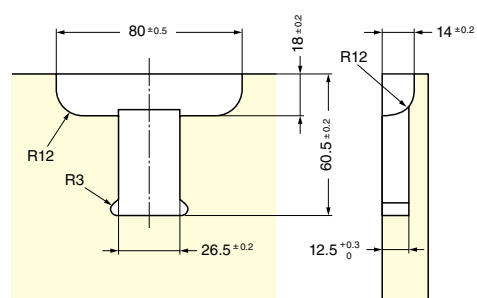
Parts Included

Binding head tapping screw
3.5×15, 3.5×20, 4.0×15 (SUS)

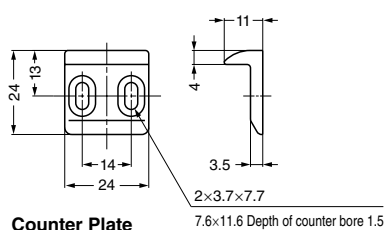
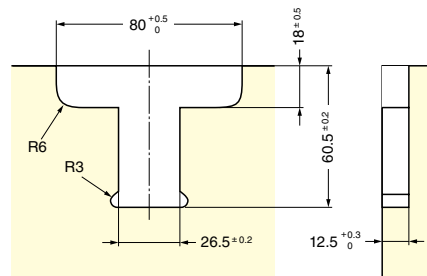
Sold Separately

Cover for the cut end of board:
AK-C60 (below)

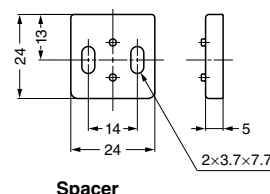
Bore Dimensions (Door)



Bore Dimensions (Using the Cover for the Cut End of Board)



Counter Plate



Spacer

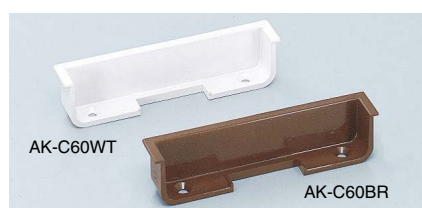
Part Name	Material	Colour
Latch Body	ABS/Polyacetal (POM)	White, Brown
Counter Plate	Polyamide (PA)	White, Brown
Spacer	Polyamide (PA)	White, Brown

Item Code	Item Name	Colour	Retaining Force	Weight	Box	Carton
140-050-215	AK-60WT	White	196 N	20 kgf	41 g	20 pcs
140-050-214	AK-60BR	Brown	196 N	20 kgf	41 g	20 pcs

COVER FOR THE CUT END OF BOARD

STAINLESS

AK-C60



Features

Cover for the cut end of board for AK-60.

Parts Included

Countersunk head tapping screw 3×10 (SUS)

Item Code	Item Name	Colour	Weight	Box	Carton
140-050-213	AK-C60WT	White	28 g	50 pcs	500 pcs
140-050-212	AK-C60BR	Brown	28 g	50 pcs	500 pcs

MAGNETIC TOUCH LATCH


ML-30S


Features

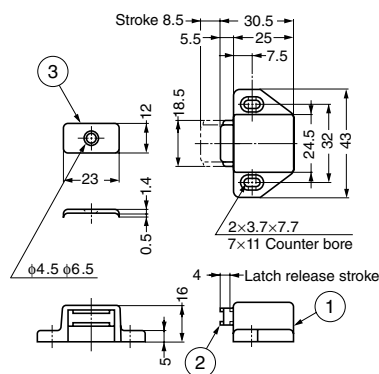
- No handle needed, just push to open/close.
- The rotary cam mechanism offers a longer life than the usual spring mechanism.

Remarks

- For overlay doors, make a 4 mm gap between door and cabinet frame.
- For large door, please use ML-120 (P.238).

Parts Included

Round head wood screw 3.1×13, Countersunk head wood screw 3.1×13



No.	Part Name	Material	Finish/Colour
①	Body	ABS	Brown, White
②	Yoke	Steel	Nickel
③	Counter Plate	Steel	Nickel

Item Code	Item Name	Colour	Screw	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-054	ML-30SW	White	3 pcs	11.8 N	1.2 kgf	22.5 g	50 pcs	750 pcs
140-050-055	ML-30SBR	Brown	3 pcs	11.8 N	1.2 kgf	22.5 g	50 pcs	750 pcs

MAGNETIC TOUCH LATCH


ML-30W


Features

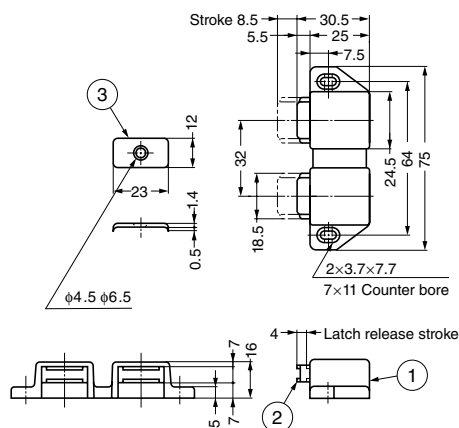
- No handle needed, just push to open/close.
- The rotary cam mechanism offers a longer life than the usual spring mechanism.

Remarks

- For overlay doors, make a 4 mm gap between door and cabinet frame.
- For large door, please use ML-120 (P.238).

Parts Included

Round head wood screw 3.1×13, Countersunk head wood screw 3.1×13



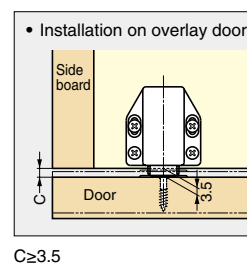
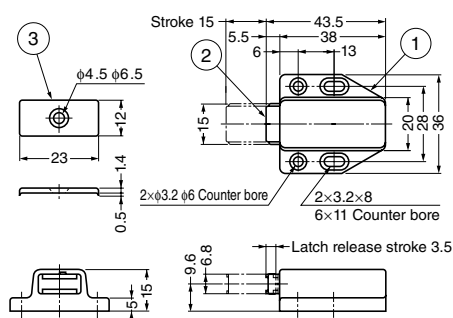
No.	Part Name	Material	Finish/Colour
①	Body	ABS	Brown, White
②	Yoke	Steel	Nickel
③	Counter Plate	Steel	Nickel

Item Code	Item Name	Colour	Screw	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-056	ML-30WW	White	4 pcs	11.8 N	1.2 kgf	42 g	30 pcs	450 pcs
140-050-057	ML-30WBR	Brown	4 pcs	11.8 N	1.2 kgf	42 g	30 pcs	450 pcs

MAGNETIC TOUCH LATCH



ML-80



Features

- The rotary cam mechanism offers a longer life than the usual spring mechanism.
- No handle needed, just push to open/close.

Remarks

- For overlay doors, make a 3.5 mm gap between door and cabinet frame.
- For large door please use ML120. (below)
- Black colour version also available. For further details, please contact local representatives.

Parts Included

Round head wood screw 3.1x13, Countersunk head wood screw 2.7x13

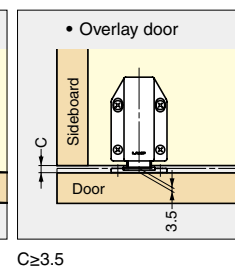
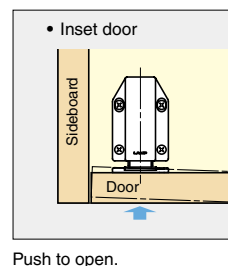
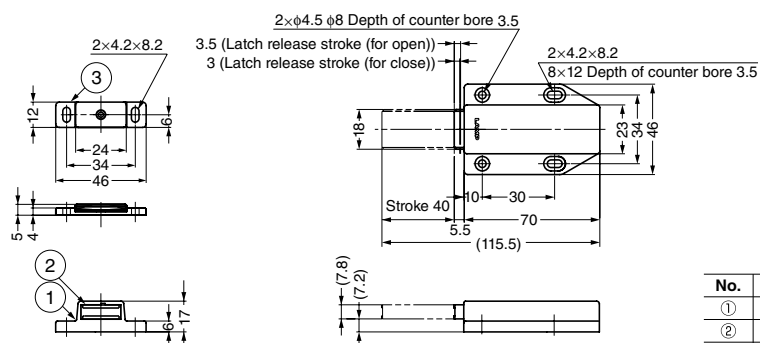
No.	Part Name	Material	Finish/Colour
①	Body	ABS	Brown, White
②	Yoke	Steel	Zinc Chromate
③	Counter Plate	Steel	Zinc Chromate

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-270	ML-80BR	Brown	15.7 N	1.6 kgf	22 g	20 pcs	400 pcs
140-050-271	ML-80W	White	15.7 N	1.6 kgf	22 g	20 pcs	400 pcs

MAGNETIC TOUCH LATCH



ML-120



Features

- The rotary cam mechanism offers a longer life than the usual spring mechanism.
- No handle needed, just push to open/close.

Remarks

For overlay door, make a 3.5 mm gap between door and cabinet frame.

Parts Included

Countersunk head tapping screw 4x16

No.	Part Name	Material	Finish/Colour
①	Body	ABS	Brown, White
②	Yoke	Steel	Zinc Chromate
③	Counter Plate	Steel	Brown, White/Zinc Chromate

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-338	ML-120BR	Brown	23.5 N	2.4 kgf	53 g	20 pcs	240 pcs
140-050-337	ML-120W	White	23.5 N	2.4 kgf	53 g	20 pcs	240 pcs

MAGNETIC TOUCH LATCH


MC-25


MC-25WT

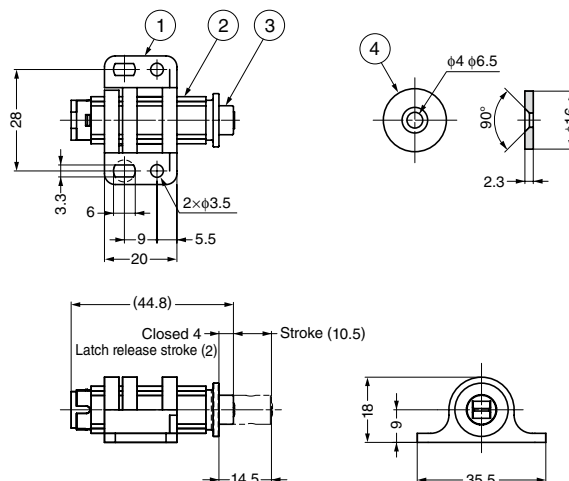
MC-25BL

Features

- One push open/close operation removes the need for handles and pulls.
- By twisting the body post installation, stroke protrusion can be adjusted by a total of 13mm.

Parts Included

- Round head wood screw 3.1×13 (4 pcs)
- Countersunk head wood screw 3.1×13 (1 pc)



No.	Part Name	Material	Finish/Colour
①	Base	Polypropylene (PP)	Black, White
②	Body	Polypropylene (PP)	Black, White
③	Latch	Polypropylene (PP)	Black, White
④	Counter Plate	Steel	Nickel

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-022-347	MC-25BL	Black	4.9 N	0.5 kgf	10 g	30 pcs	600 pcs
140-022-346	MC-25WT	White	4.9 N	0.5 kgf	10 g	30 pcs	600 pcs

MAGNETIC TOUCH LATCH

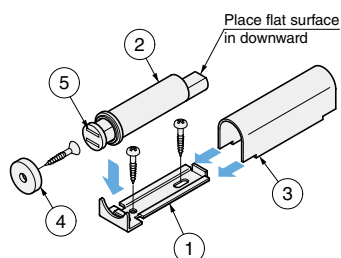
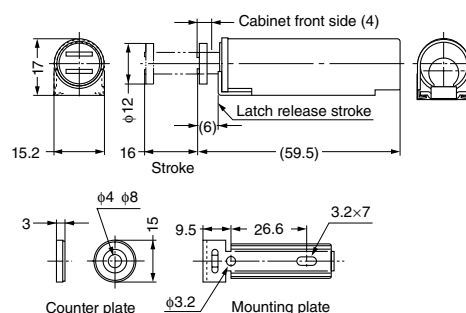

MC-S60


Features

- Can be used for overlay and inset door (Door thickness: 13-23 mm).
- Stylish design with stainless cover.

Parts Included

- Pan head wood screw 3.1×13, Countersunk head wood screw 3.8×16
- Counter plate W12



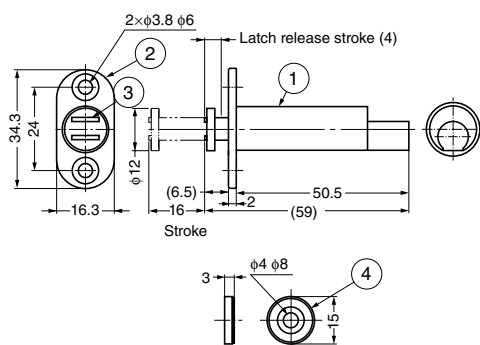
No.	Part Name	Material	Finish/Colour
①	Mounting Plate	Steel	Nickel
②	Body	Polyacetal (POM)/ABS	Brown
③	Cover	Stainless Steel (SUS430)	-
④	Counter Plate	Steel	Nickel
⑤	Yoke	Steel	Nickel

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-129	MC-S60	10.8 N	1.1 kgf	28.5 g	30 pcs	600 pcs

MAGNETIC TOUCH LATCH (MORTISE TYPE)



MC-U60



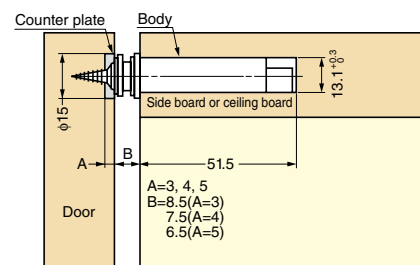
Features

For small overlay door.

Parts Included

- Pan head wood screw 2.9×13, Countersunk head wood screw 3.8×16
- Counter plate W12

Cut Out Dimensions

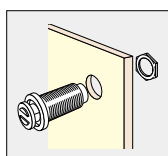


No.	Part Name	Material	Finish/Colour
①	Body	Polyacetal (POM)/ABS	Brown
②	Mounting Plate	Stainless Steel (SUS430)	—
③	Yoke	Steel	Nickel
④	Counter Plate	Steel	Nickel

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-016	MC-U60	10.8 N	1.1 kgf	19 g	30 pcs	600 pcs

MAGNETIC TOUCH LATCH

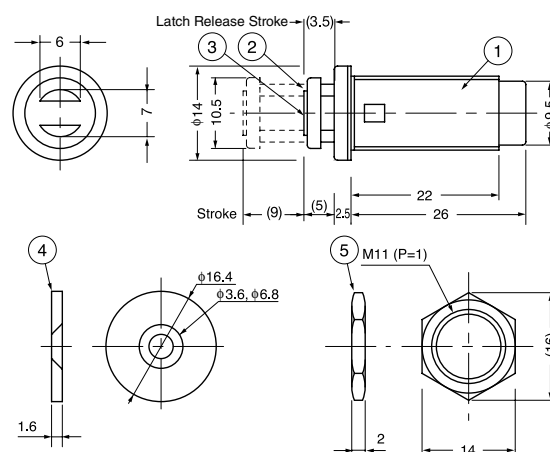
PM-4N HB



Installation

Features

- Push to open/close.
- Note: For overlay doors, make a 3.5 mm gap between door and cabinet frame.

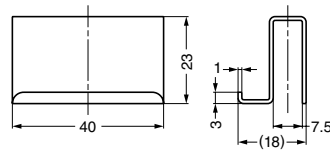
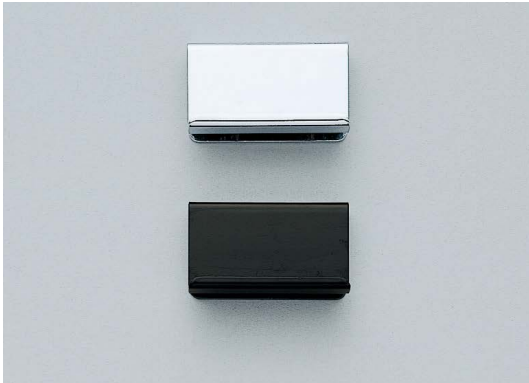


No.	Part Name	Material	Finish/Colour
①	Body	ABS	Black
②	Yoke	Steel	Black Nickel
③	Magnet	Ferrite	—
④	Counter Plate	Steel	GB
⑤	Nut		Yellow Zinc Chromate

Item Code	Item No.	Magnetic Force kgf	Weight	Box	Carton
140-059-147	PM-4N HB	1.3 kgf	9 g	350 pcs	2800 pcs

PUSH PLATE (WITH PULL)

K-150



Application Example

**Features**

Counter plate for magnetic catch.

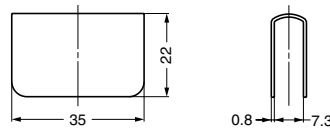
Parts Included

Spacer

Item Code	Item Name	Material	Finish	Glass Thickness	Weight	Box
140-014-048	K-150CR	Steel	Chrome	5	19.1 g	200 pcs
140-014-049	K-150B	Steel	Paint/Black	5	19.1 g	200 pcs

PUSH PLATE

K-110



Application Example

**Features**

Counter plate for magnetic catch.

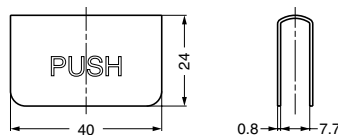
Parts Included

Spacer

Item Code	Item Name	Material	Finish	Glass Thickness	Weight	Box
140-014-045	K-110CR	Steel	Chrome	5	10.5 g	200 pcs
140-010-015	K-110B	Steel	Paint/Black	5	10.5 g	200 pcs

PUSH PLATE

K-130



Application Example

**Features**

Counter plate for magnetic catch.

Parts Included

Spacer

Item Code	Item Name	Material	Finish	Glass Thickness	Weight	Box
140-014-046	K-130CR	Steel	Chrome	5	13 g	200 pcs
140-014-047	K-130B	Steel	Paint/Black	5	13 g	200 pcs

NON-MAGNETIC TOUCH LATCH



MLC-100



MLC-100WT

MLC-100BL

Features

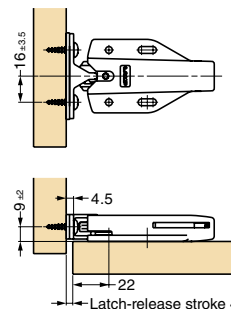
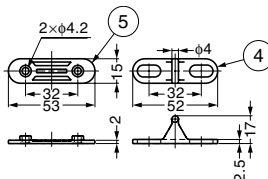
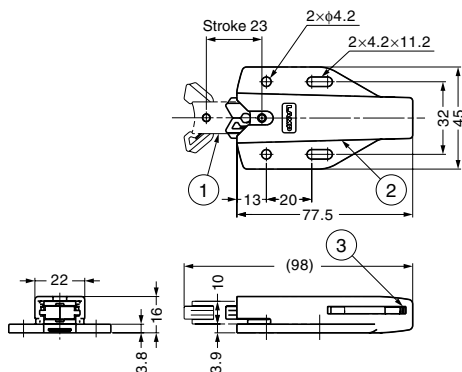
- Push latch with long stroke
- One push open/close operation removes the need for handles and pulls.
- Non-magnetic type
- Floating strike can automatically adjust position $\pm 2\text{mm}$ vertically and $\pm 3.5\text{mm}$ horizontally to fit into counter plate.
- Using the distance plate (sold separately), the installation position of the body can be adjusted
- Also available is the heat resistant type MLC-HT130BL with a 40mm stroke

Parts Included

Truss head tapping screw 4x16 (SUS)

Recommended Screw

M4 pan or truss head screw



No.	Part Name	Material	Finish/Colour
①	Body1	Polyamide(PA)	White,Black
②	Body2	PBT	White,Black
③	Spring	Steel	Yellow Zinc Chromate
④	Counter Plate	Polyacetal (POM)	White,Black
⑤	Counter Plate	PBT	White,Black

Item Code	Item Name	Retaining Force N	Retaining Force kgf	Push Force N	Push Force kgf	Weight	Box	Carton
140-028-540	MLC-100WT	90 N	9.2 kgf	14 N	1.4 kgf	32 g	20 pcs	240 pcs
140-033-090	MLC-100BL	90 N	9.2 kgf	14 N	1.4 kgf	32 g	20 pcs	240 pcs

NON-MAGNETIC TOUCH LATCH



MLC-HT130BL



Features

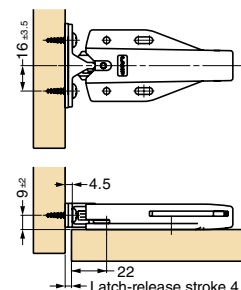
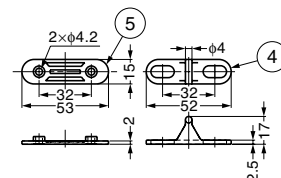
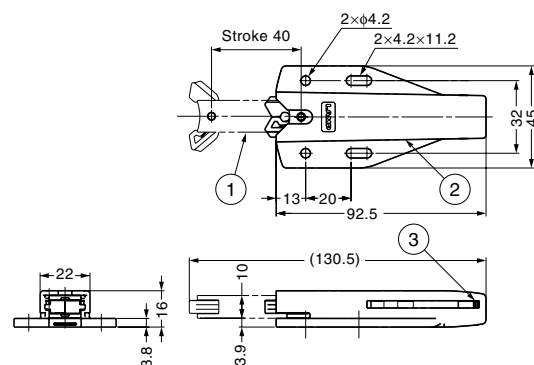
- Heat resistant up to (120°).
- Push latch with long stroke
- One push open/close operation removes the need for handles and pulls.
- Non-magnetic type
- Push in with fingers to shut flap firmly. To open, push on closed flap.
- Floating strike can automatically adjust position $\pm 2\text{mm}$ vertically and $\pm 3.5\text{mm}$ horizontally to fit into counter plate.
- Also available is the non-heat resistant type MLC-100.

Parts Included

Truss head tapping screw 4x16 (SUS)

Recommended Screw

M4 pan or truss head screw



No.	Part Name	Material	Finish/Colour
①	Body1	Polyamide (PA)	Black
②	Body2	PBT	Black
③	Spring	Stainless Steel (SUS304)	Plain
④	Counter Plate	Polyamide (PA)	Black
⑤	Counter Plate	PBT	Black

Item Code	Item Name	Retaining Force N	Retaining Force kgf	Push Force N	Push Force kgf	Weight	Box	Carton
140-028-539	MLC-HT130BL	*117.6 N	*12 kgf	16.7 N	1.7 kgf	40 g	20 pcs	240 pcs

*Retaining force reduces with temperature and reaches 3 kgf (29.4 N) at 120°C.

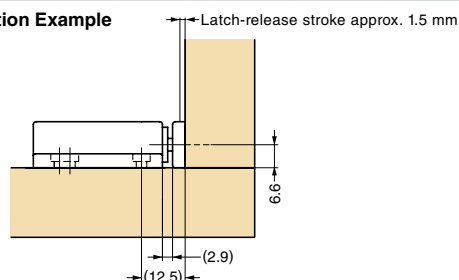
NON-MAGNETIC TOUCH LATCH



MC-28



Application Example



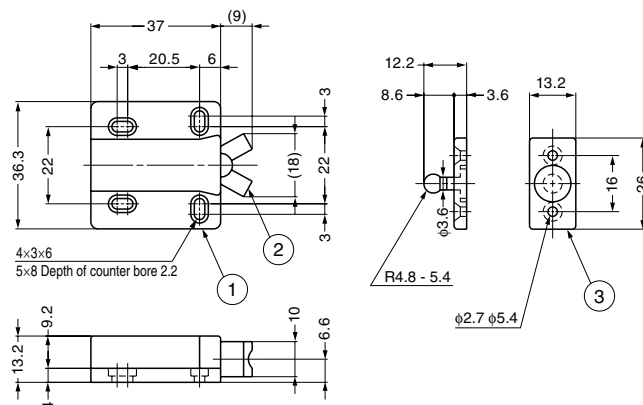
No.	Part Name	Material
①	Body	ABS
②	Arm	Polyacetal (POM)
③	Counter Plate	Polyamide (PA)

Features

- One push open/close operation removes the need for handles and pulls.
- Non-magnetic.
- Passed 30,000 open/close cycles in a private test.

Remarks

For overlay door, make a 3 mm gap between door and cabinet frame.



Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-059-203	MC-28	Black	29 N	3 kgf	15 g	50 pcs	500 pcs

NON-MAGNETIC TOUCH LATCH



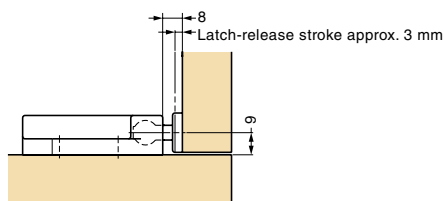
MC-37F



MC-37F-WH

MC-37F-BR

MC-37F-BK



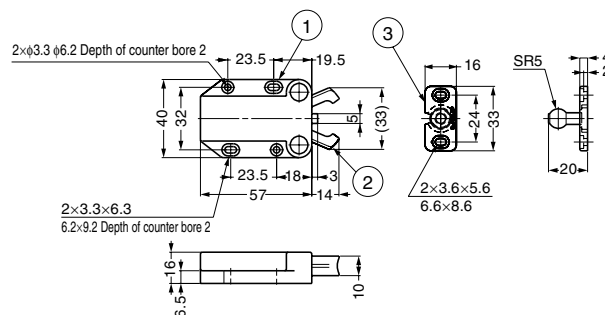
Features

- One push open/close operation removes the need for handles and pulls.
- Counter plate can move within a 3mm diameter area post installation, making adjustment simple.
- Passed 100,000 open/close cycles in a private test.

Parts Included

Round head wood screw 3.5×10, 3.1×13

Video Link

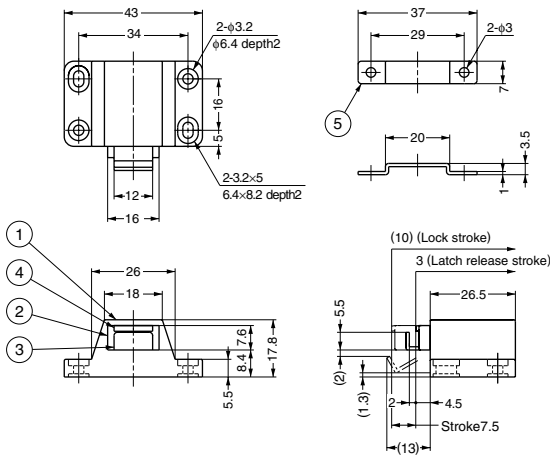


No.	Part Name	Material	Colour
①	Body	ABS	Black, Brown, White
②	Arm	Polyacetal (POM)	Black, Brown, White
③	Counter Plate	Polyamide (PA)	Black, Brown, White

Item Code	Item Name	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-058-064	MC-37F-BK	Black	78 N	8 kgf	24 g	30 pcs	300 pcs
140-058-066	MC-37F-BR	Brown	78 N	8 kgf	24 g	30 pcs	300 pcs
140-058-065	MC-37F-WH	White	78 N	8 kgf	24 g	30 pcs	300 pcs

NON-MAGNETIC TOUCH LATCH

PR-21P



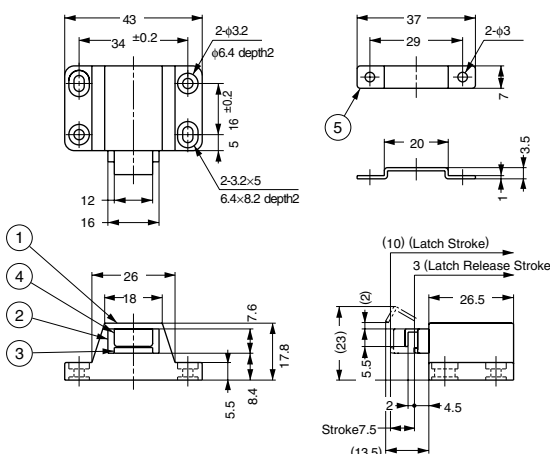
Features
One push open/close operation removes the need for handles and pulls.

No.	Part Name	Material	Finish/Colour
①	Body	ABS	Black, Brown
②	Slide	Polyacetal	Black, Brown
③	Arm	Steel	Paint/Brown
④	Yoke	Steel	GB
⑤	Counter Plate	Steel	Chrome

Item Code	Item Name	Colour	Weight	Box	Carton
140-050-277	PR-21PK	Black	16.3 g	100 pcs	800 pcs
140-050-272	PR-21PD	Brown	16.3 g	100 pcs	800 pcs

NON-MAGNETIC TOUCH LATCH

PR-20P



Features
One push open/close operation removes the need for handles and pulls.

No.	Part Name	Material	Finish/Colour
①	Body	ABS Plastic	Black, Brown
②	Slide	Polyacetal	Black, Brown
③	Arm	Steel	Paint/Brown
④	Yoke	Steel	Bronze
⑤	Counter Plate	Steel	Chrome

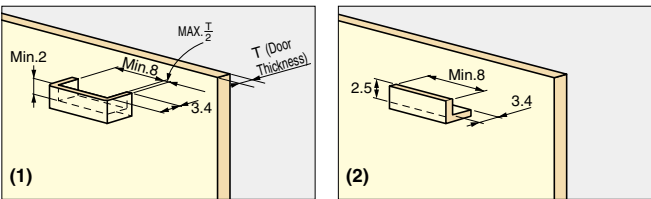
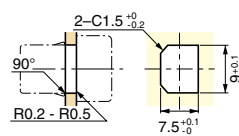
Item Code	Item Name	Colour	Weight	Box	Carton
140-050-276	PR-20PK	Black	16.3 g	100 pcs	800 pcs
140-050-274	PR-20PD	Brown	16.3 g	100 pcs	800 pcs

NON-MAGNETIC MINI TOUCH LATCH

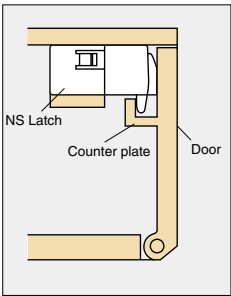
NS2



Cut Out Dimensions



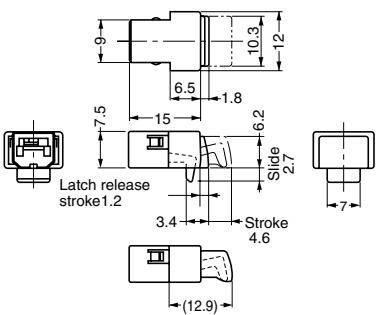
Recommended counter plate dimension.



Features

- One push open/close operation removes the need for handles and pulls.
- Easy snap-in installation.
- Great solution for smaller flap doors due to its small profile.

Remarks
Counter plate not included.

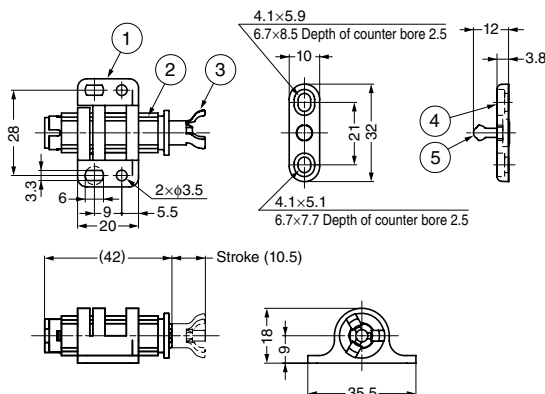
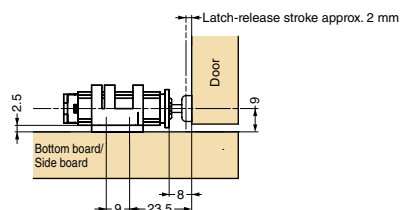


Item Code	Item Name	Material	Door Thickness	Colour	Weight	Box
140-059-098	NS2	Polycarbonate	2	Black	1.1 g	500 pcs

NON-MAGNETIC TOUCH LATCH



MC-20



Features

- One push open/close operation removes the need for handles and pulls.
- By twisting the body post installation, stroke protrusion can be adjusted by a total of 13mm.
- Non magnetic.

Parts Included

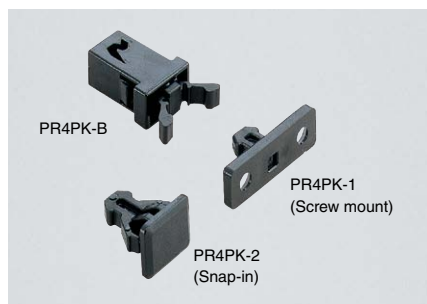
Round head wood screw 3.1×13

Item Code	Item Name	Colour	Retaining Force		Weight	Box	Carton
140-022-344	MC-20BL	Black	40 N	4 kgf	6 g	30 pcs	600 pcs
140-022-345	MC-20WT	White	40 N	4 kgf	6 g	30 pcs	600 pcs

No.	Part Name	Material	Colour
①	Base	Polypropylene (PP)	Black, White
②	Body	Polypropylene (PP)	Black, White
③	Latch	Polypropylene (PP)	Black, White
④	Counter Plate	Polypropylene (PP)	Black, White
⑤	Counter Plate	Polypropylene (PP)	Black, White

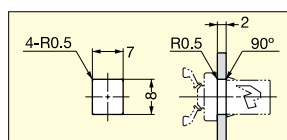
NON-MAGNETIC MINI TOUCH LATCH

PR-4PK-B

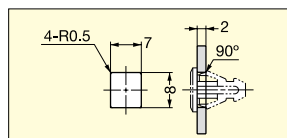


Features

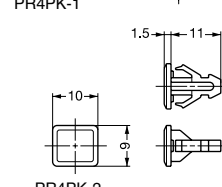
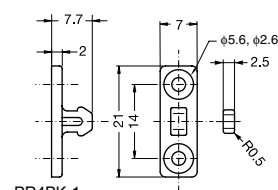
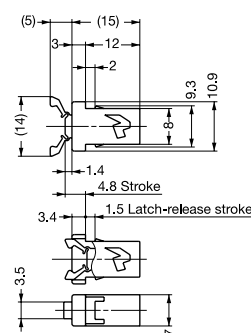
- One push open/close operation removes the need for handles and pulls.
- Easy snap-in installation. (For main body and sheet metal counter plate)



Cut Out Dimensions for body



Cut Out Dimensions (Strike for Snap-in)

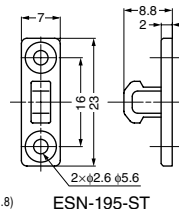
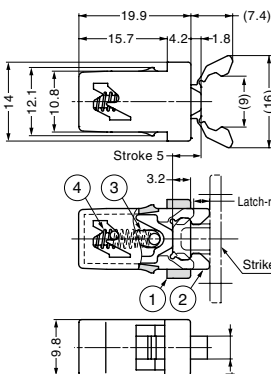


Item Code	Item Name	Specification	Retaining Force		Weight	Box	Carton
140-050-118	PR4PK-B	Body	12 N	1.2 kgf	0.7 g	1,000 pcs	8,000 pcs
140-059-019	PR4PK-1	Counter Plate	-	-	0.4 g	-	1,000 pcs
140-059-018	PR4PK-2	Counter Plate	-	-	0.5 g	-	500 pcs

Part Name	Material	Colour
Body	Polyacetal	Black
Counter Plate	Polyamide	Black

NON-MAGNETIC MINI TOUCH LATCH

ESN-195/BLK



Features

- Compact body with strong retaining force.
- Easy snap-in installation.
- One push open/close operation removes the need for handles and pulls.

Sold Separately

Counter plate ESN-195-ST

Recommended Screw (For Strikes)

- Countersunk head screw M2.5
- Countersunk head wood screw Nominal 2.4

No.	Part Name	Material	Colour
①	Body	Plastic (PBT)	Black
②	Catch	Polyamide (PA)	Black
③	Arm	Plastic (LCP)	Black
④	Spring	Steel	-

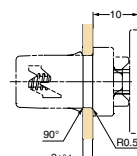
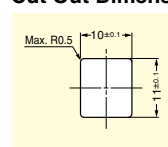
Body

Item Code	Item Name	Retaining Force		Weight	Box	Carton
140-059-195	ESN-195/BLK	34 N	3.5 kgf	2.3 g	1,000 pcs	5,000 pcs

Counter Plate

Item Code	Item Name	Material	Weight	Box	Carton
140-014-075	ESN-195-ST	Polyacetal (POM)	0.5 g	1,000 pcs	4,000 pcs

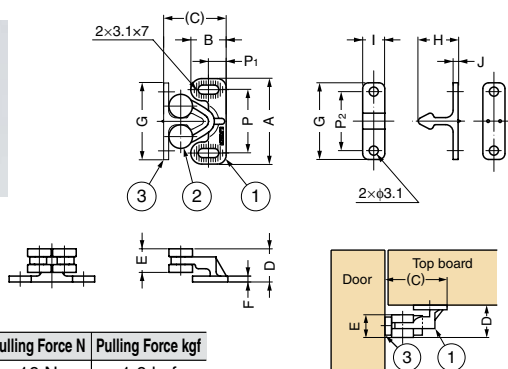
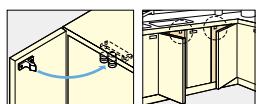
Cut Out Dimensions



ROTARY CATCH



Installation



Item Name	Push-in Force N	Push-in Force kgf	Pulling Force N	Pulling Force kgf
RC6900	11 N	1.1 kgf	16 N	1.6 kgf
RC6901	24 N	2.4 kgf	29 N	3.0 kgf
RC6901BL	19 N	1.9 kgf	25 N	2.6 kgf

Item Code	Item Name	Colour	A	B	C	D	E	F	P	P ₁	G	H	I	J	P ₂	Weight	Box	Carton
140-050-209	RC6900	Natural	29	12	21.2	11.3	8	2	21.5	6	26	13.5	7.5	1.7	20	3 g	100 pcs	2,000 pcs
140-051-015	RC6901	Natural	31.3	14	27.2	12.6	9	2.3	24.4	7.5	32	16.5	9	2	23.6	4 g	100 pcs	2,000 pcs
140-042-155	RC6901BL	Black	31.3	14	27.2	12.6	9	2.3	24.4	7.5	32	16.5	9	2	23.6	4 g	100 pcs	2,000 pcs

TEST METHOD 10

RC6900, RC6901

Features

- Resin body prevents rusting
- Strong retaining force.
- Passed 100,000 open/close cycles in a private test.
- Can be used on both overlay and inset doors.
- RC6901 is also available in brown

Recommended Screw

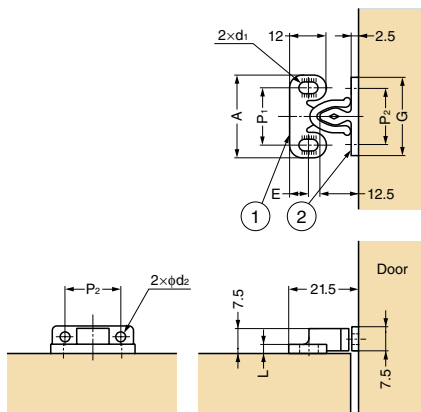
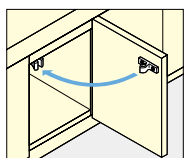
Binding head tapping screw nominal 3

No.	Material	Colour
①	Polyacetal (POM)	Natural/Black
②	Polyethylene (PE)	Natural/Black
③	Polyacetal (POM)	Natural/Black

KNUCKLE CATCH



Installation



Item Code	Item Name	A	P ₁	E	G	P ₂	L	d ₁	d ₂	Push-in Force	Pulling Force	Weight	Box	Carton
140-050-046	JC-24	24	17	7	22	15.5	2	2.5×5.5	2.5	30.4 N	3.1 kgf	26.5 N	2.7 kgf	1.5 g
140-916-119	JC-24B	24	17	7	22	15.5	2	2.5×5.5	2.5	30.4 N	3.1 kgf	26.5 N	2.7 kgf	1.5 g
140-051-018	JC-26	26	18	6	24.5	17	2.5	3.3×6	3.3	17 N	1.7 kgf	13 N	1.3 kgf	2 g

TEST METHOD 10

JC-24, JC-26

Features

- Can be used on both overlay and inset doors.
- Great solution for furniture, kitchen appliances, general purpose kitchen items and in marine applications.

Remarks

The push-in and pulling force may vary for ±20 - 30%. Please check with the actual item.

Recommended Screw

JC-24: Round head wood screw nominal 2.4

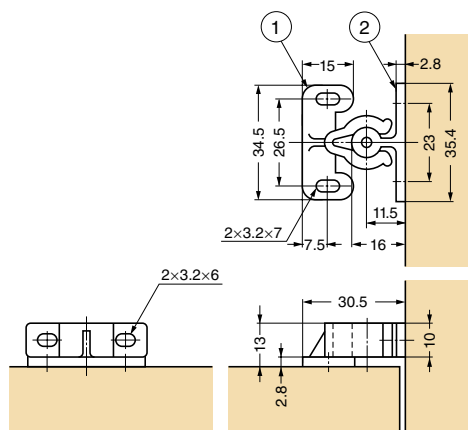
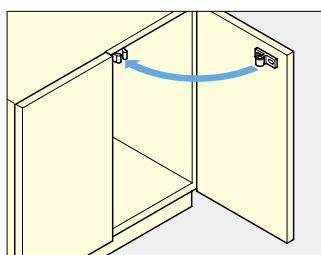
JC-26: Binding head tapping screw nominal 3

No.	Part Name	Material	Colour
①	Body	Polyacetal (POM)	Natural/Black (JC-24B)
②	Counter Plate	Polyamide (PA)	Natural/Black (JC-24B)

KNUCKLE CATCH



Installation



Item Code	Item Name	Push-in Force N	Push-in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-051-013	NAC	58 N	5.9 kgf	69 N	7.0 kgf	4.5 g	100 pcs	1,000 pcs

TEST METHOD 10

NAC

Features

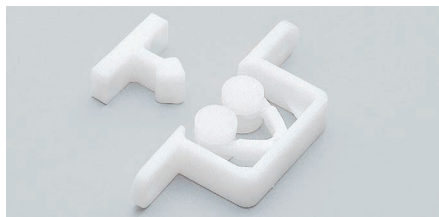
- Powerful retaining force suitable for use on larger doors
- Simple structure is highly durable
- Can be used on both overlay and inset doors.

Remarks

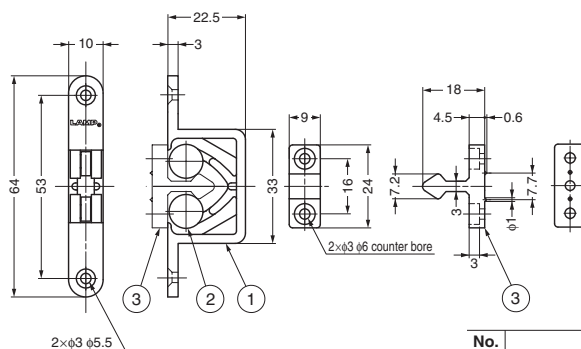
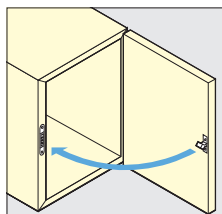
The push-in and pulling force may vary for ±20-30%. Please check with the actual item.

No.	Part Name	Material	Colour
①	Body	Polyacetal (POM)	Natural
②	Counter Plate	Polyamide (PA)	Natural

ROTARY CATCH (MORTISE TYPE)

**TEST
METHOD 10**
RCU


Installation



Features

- For overlay doors.
- Great solution for furniture, kitchen appliances, general purpose kitchen items and in marine applications.

Recommended Screw

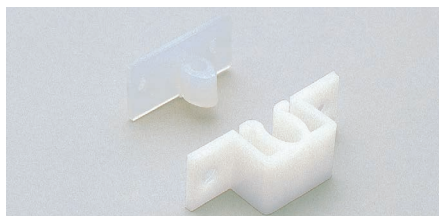
Counter head wood screw nominal 2.7

No.	Material	Colour
①	Polyacetal (POM)	Natural
②	Polyethylene (PE)	Natural
③	Polyacetal (POM)	Natural

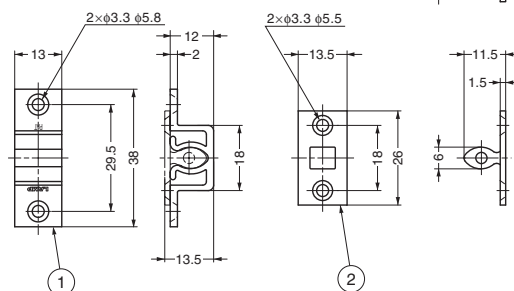
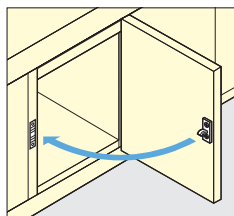
Item Code	Item Name	Push in Force N	Push in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-051-014	RCU	29.4 N	3.0 kgf	31.4 N	3.2 kgf	8 g	100 pcs	800 pcs

KNUCKLE CATCH (MORTISE TYPE)

**TEST
METHOD 10**

JCU


Installation



Features

For overlay doors.

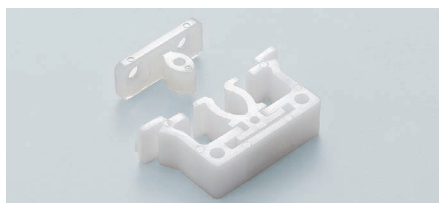
Screw Included

Counter head wood screw 2.7×16

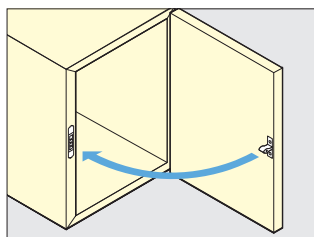
No.	Part Name	Material	Colour
①	Body	Polyacetal (POM)	Natural
②	Counter Plate	Polyamide (PA)	Natural

Item Code	Item Name	Push in Force N	Push in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-051-020	JCU	19.6 N	2.0 kgf	22.5 N	2.3 kgf	3.5 g	50 pcs	1,000 pcs

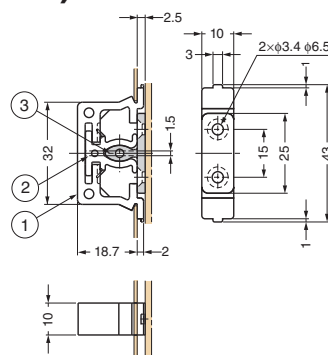
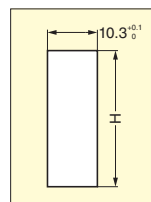
KNUCKLE CATCH (MORTISE TYPE)

**TEST
METHOD 10**
JCU-F


Installation



Cut Out Dimensions



Features

- Body can be installed by a one touch snap-in installation.
- Catch can slide within a 1.5mm area, absorbing small misalignments with the strike.

Recommended Screw

Countersunk tapping screw nominal 3, Countersunk screw M3

Door Thickness	Height H
0.8	32.3
1.0	32.9
1.2	33.8

No.	Material	Colour
①	Polyacetal (POM)	Natural
②	Polyacetal (POM)	Natural
③	Polyamide (PA)	Natural

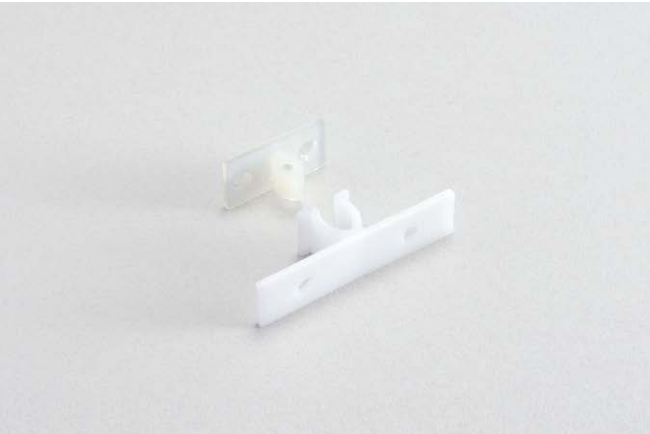
Item Code	Item Name	Push in Force N	Push in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-051-112	JCU-F	19.6 N	2.0 kgf	19.6 N	2.0 kgf	5.2 g	40 pcs	800 pcs

KNUCKLE CATCH

TEST
METHOD 10



JC-T50



Features

- Resin body prevents rusting.
- Can be used on both overlay and inset doors.
- Can be used on doors, drawers and a variety of different applications.
- Great solution for furniture, kitchen appliances, general purpose kitchen items and in marine applications.

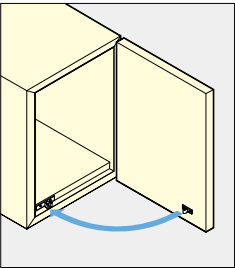
Parts Included

- Countersunk head tapping wood screw 2.7×16 (for male installation)
- Binding head screw 4×16 (for female screw)

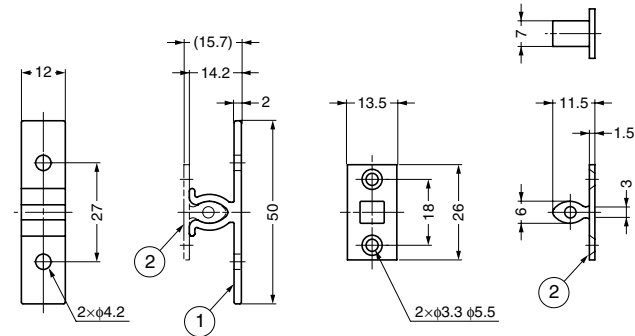
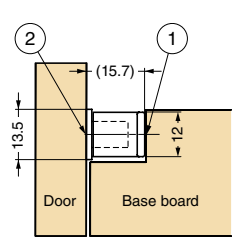
Remarks

- The Push - in Force and Pulling Force display initial valuse.

Installation



Application Reference



No.	Part Name	Material	Colour
①	Body	Polyacetal (POM)	Natural
②	Counter Plate	Polyamide (PA)	Natural

Item Code	Item Name	Push-in Force N	Push-in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-019-545	JC-T50	25.5 N	2.6 kgf	23.5 N	2.4 kgf	3 g	50 pcs	500 pcs

ROLLER CATCH

C882



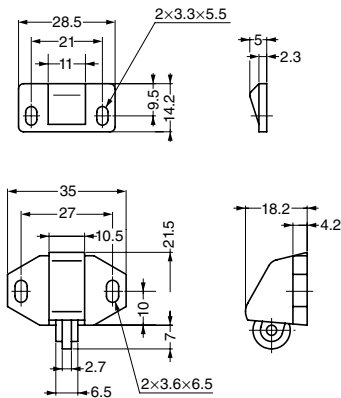
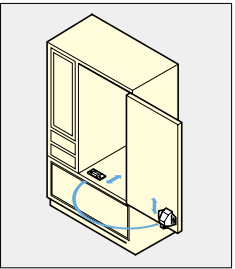
Features

The catch pulls the door in for a tighter close.

Remarks

Please note the direction of counter plate.

Installation



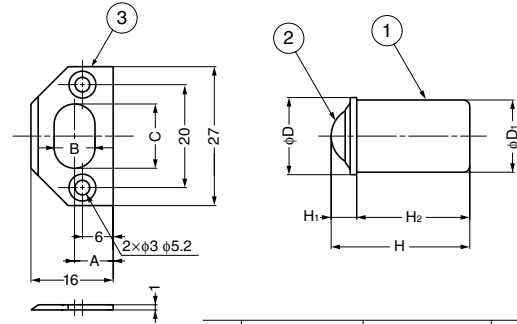
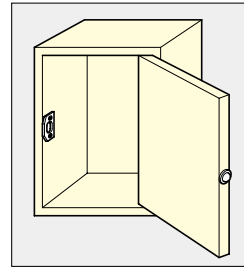
Item Code	Item Name	Material	Colour	Weight	Box	Carton
140-050-203	C882W	Polyethylene (PE)	White	5 g	150 pcs	1,800 pcs
140-050-204	C882BR	Polyethylene (PE)	Brown	5 g	150 pcs	1,800 pcs

TENSION CATCH (MORTISE TYPE)

TS



Installation

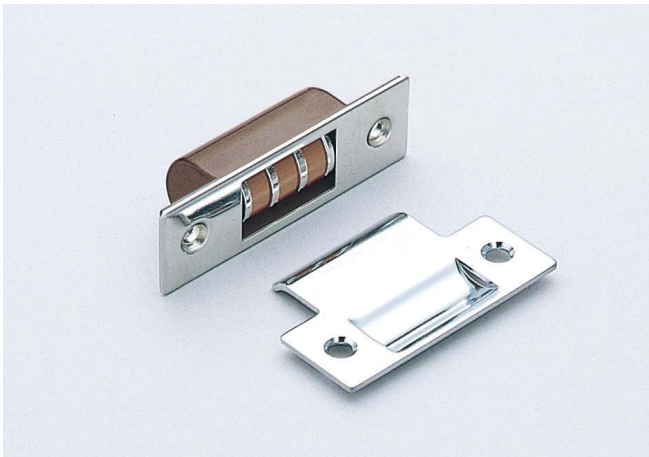


No.	Part Name	Material	Finish
①	Body	Brass	Plain
②	Ball	Steel	Plain
③	Counter Plate	Brass	Plain

Item Code	Item Name	A	B	C	D	D ₁	H	H ₁	H ₂	Weight	Box	Carton
140-051-041	TSS	7	6.5	10	12	9.7	14.5	3.5	11	8 g	200 pcs	2,000 pcs
140-051-042	TSM	7	6.5	11.5	13	11.5	16.5	4	12	10 g	200 pcs	2,000 pcs
140-051-043	TSL	7.5	8.5	12.5	15	14	27	5	22	18.5 g	200 pcs	800 pcs

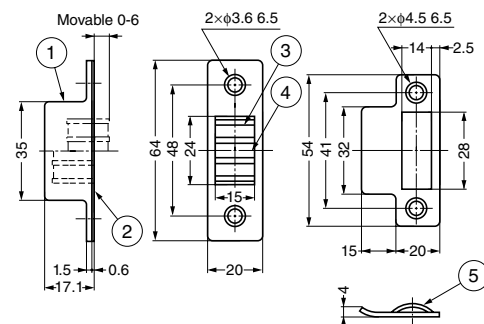
MAGNETIC ROLLER CATCH (FOR INSET DOOR)

DER

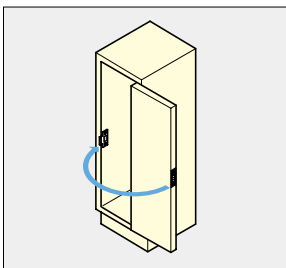


Features

- Magnetic roller provides smoother opening and closing.
- For inset doors



Installation



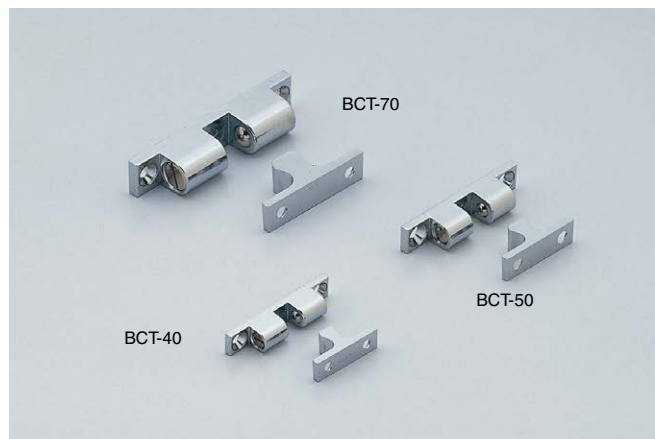
No.	Part Name	Material	Finish/Colour
①	Body	ABS	Brown
②	Cover	Stainless Steel	—
③	Yoke	Steel	Nickel
④	Magnet	Ferrite	—
⑤	Counter Plate	Steel	Chrome

Item Code	Item Name	Weight	Box	Carton
140-051-040	DER	48 g	24 pcs	240 pcs

TENSION CATCH

TEST
METHOD 10

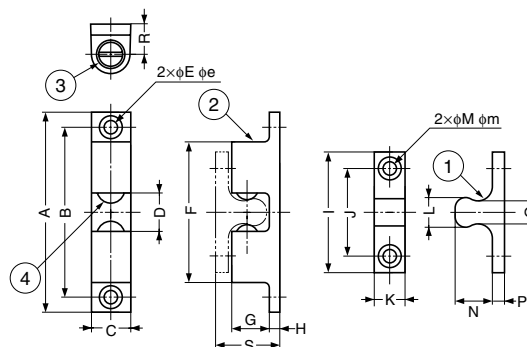
BCT



No.	Part Name	Material	Finish
①	Counter Plate	Zinc Alloy (ZDC)	Chrome
②	Body	Zinc Alloy (ZDC)	Chrome
③	Cover	Brass	Nickel
④	Ball	Steel	Polished
-	Spring	Steel	Plain

Features

Can be installed vertically or horizontally.



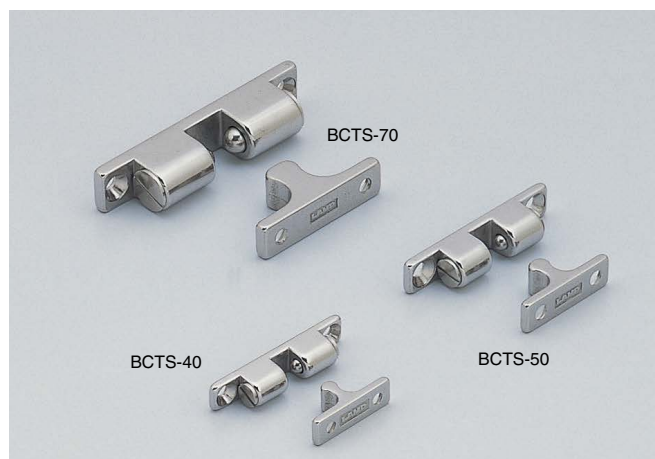
Item Code	Item Name	Push-in Force N	Push-in Force kgf	Pulling Force N	Pulling Force kgf	Weight	Box	Carton
140-050-108	BCT-40	43.1 N	4.4 kgf	29.4 N	3.0 kgf	16 g	100 pcs	400 pcs
140-050-107	BCT-50	40.2 N	4.1 kgf	32.3 N	3.3 kgf	26 g	100 pcs	400 pcs
140-050-106	BCT-70	45.1 N	4.6 kgf	34.3 N	3.5 kgf	70 g	50 pcs	200 pcs

Item Name	A	B	C	D	E	e	F	G	H	I	J	K	L	M	m	N	P	Q	R	S
BCT-40	42.5	35	8	6.3	3.2	6.2	26.7	7.5	2.5	25	16	7.5	5.5	3.2	6.2	8.8	2.5	3.7	6.25	13.8
BCT-50	50	40	10	8.4	4.2	8.2	29.8	9.5	3	30	20	9	7.3	4.2	8.2	9.8	2.5	4.7	7.75	15.3
BCT-70	70	60	13.5	12	4.2	8.2	49	13	4	42	30	10.5	11	4.2	8.2	14.2	3	8.2	10.5	21.2

TENSION CATCH

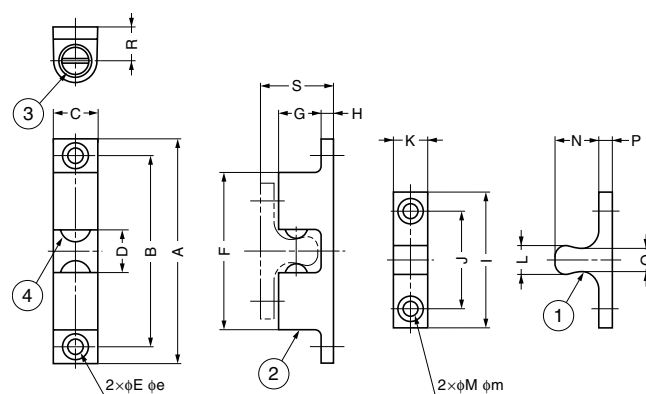
TEST
METHOD 10STAINLESS
316
STEEL

BCTS



Features

- Can be installed vertically or horizontally.
- High corrosion resistance due to SUS316 and SCS14.



Item Code	Item Name	Push-in Force		Pulling Force		Weight	Box	Carton
140-050-242	BCTS-40	20 N	2 kgf	13 N	1.3 kgf	18 g	50 pcs	500 pcs
140-050-241	BCTS-50	23 N	2.3 kgf	18 N	1.8 kgf	30 g	50 pcs	500 pcs
140-050-240	BCTS-70	56 N	5.7 kaf	38 N	3.9 kaf	83 a	25 pcs	250 pcs

Item Name	A	B	C	D	E	e	F	G	H	I	J	K	L	M	m	N	P	Q	R	S
BCTS-40	43	35	8	5.9	3.2	6.2	28.4	7.5	2.5	25	16	7.5	4.5	3.2	6.2	8.5	2.5	2.7	6	13.5
BCTS-50	50	40	10	7.5	4.2	8.2	31.5	9.3	2.9	30	20	9	6	4.2	8.2	10.3	2.9	3.8	7.2	16.1
BCTS-70	70	60	13	13	4.2	8.2	51	13	4	42	30	10.5	10	4.2	8.2	15	4	8	10.5	23

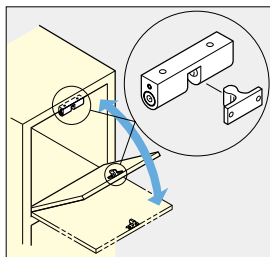
No.	Part Name	Material	Finish
①	Counter Plate	Stainless Steel (SCS14)	Polished
②	Body	Stainless Steel (SCS14)	Polished
③	Cover	Stainless Steel (SUS316)	Plain
④	Ball	Stainless Steel (SUS316)	Mirror
-	Spring	Stainless Steel (SUS304)	Plain

*SCS14 is equivalent of SUS316.

TENSION CATCH

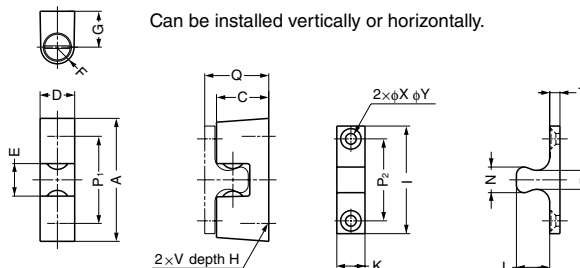
TEST
METHOD 10

BCU



Features

Can be installed vertically or horizontally.



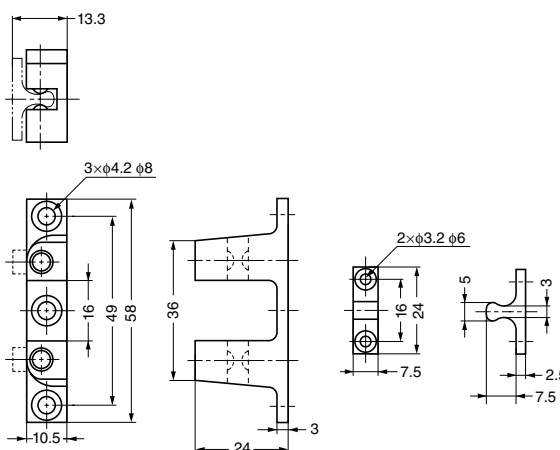
Item Code	Item Name	Push-in Force		Pulling Force		Material	Finish	Weight	Box	Carton
140-050-103	BCU-40	35.3 N	3.6 kgf	23.5 N	2.4 kgf	Zinc Alloy (ZDC)	Chrome	18 g	100 pcs	400 pcs
140-050-104	BCU-70	40.2 N	4.1 kgf	38.2 N	3.9 kgf	Zinc Alloy (ZDC)	Chrome	75 g	50 pcs	200 pcs

Item Name	A	P1	C	D	E	F	G	H	I	P2	K	L	N	P	T	X	Y	Q	V
BCU-40	28.5	20	12.5	8.3	6.5	R4	8.5	5	25	16	7.5	8.8	5.5	3.7	3	3.2	6.4	15.7	M3
BCU-70	48	34	20.5	13.5	12.7	R6.5	14	6	42	32	11	13	10	7.3	4	4.2	8.4	24.9	M5

TENSION CATCH

TEST
METHOD 10

BCT-60W

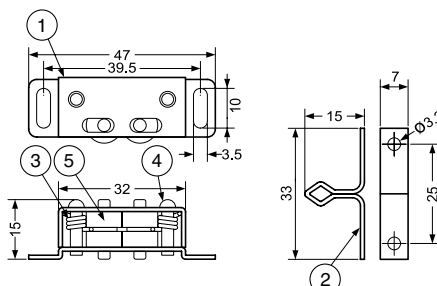


Item Code	Item Name	Push-in Force		Pulling Force		Material	Finish	Weight	Box	Carton
140-059-035	BCT-60W	31.4 N	3.2 kgf	26.5 N	2.7 kgf	Zinc Alloy (ZDC)	Chrome	39.5 g	80 pcs	320 pcs

ROLLER CATCH

STAINLESS
304
STEEL

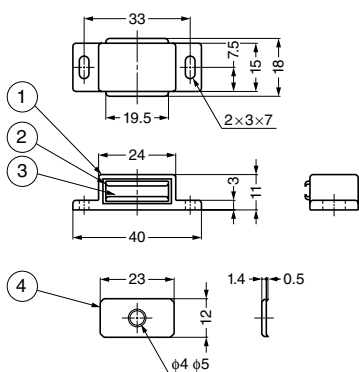
S-1080 (STBRC)



No.	Part Name	Material	Finish
①	Body	304 Stainless Steel	Plain
②	Counter Plate		
③	Spring	430 Stainless Steel	White
④	Rivet		
⑤	Roller	Polyethylene	White

Item Code	Item Name	Push-in Force		Pulling Force		Weight	Box	Carton
140-098-005	S-1080 (STBRC)	1.0 kgf		2.7 kgf		18 g	60 pcs	1,200 pcs

MAGNETIC CATCH



MC-FM20S

Parts Included

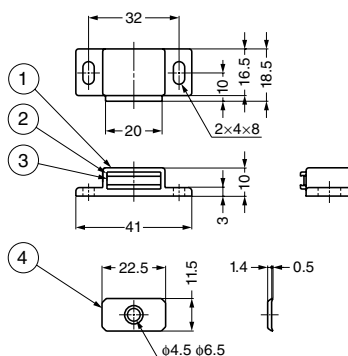
- Round head wood screw 3.1×13 2 pcs
- Countersunk head wood screw 2.9×13 1 pc

No.	Material	Finish/Colour
①	Polyethylene (PE)	Ivory
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	—
④	Steel	Yellow Zinc Chromate

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-048	MC-FM20S	9.8 N	1 kgf	15 g	36 pcs	720 pcs

MAGNETIC CATCH

MC0097



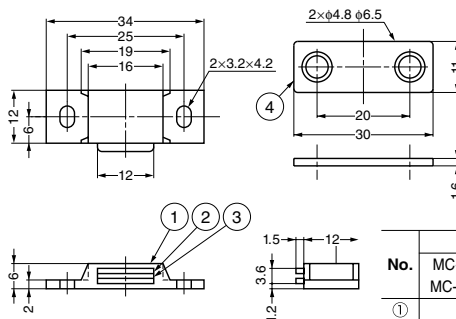
No.	Material	Finish/Colour
①	Polyethylene (PE)	Black, White
②	Steel (Yoke)	Clear Zinc Chromate
③	Ferrite	—
④	Steel	Clear Zinc Chromate

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-331	MC0097W	White	14.7 N	1.5 kgf	12 g	100 pcs	1,000 pcs
140-050-329	MC0097W-1	White	34.3 N	3.5 kgf	12 g	100 pcs	1,000 pcs
140-050-332	MC0097B	Black	14.7 N	1.5 kgf	12 g	100 pcs	1,000 pcs
140-050-330	MC0097B-1	Black	34.3 N	3.5 kgf	12 g	100 pcs	1,000 pcs

MAGNETIC CATCH



MC-YS



Features

- Ultra thin magnetic catch ideal for tight space.
- Extra strong magnetic force: MC-YS001, MC-YS001P
- Weaker magnetic force: MC-YS002, MC-YS002P

Parts Included (MC-YS001P, MC-YS002P)

- Countersunk head wood screw 2.7×13
- Countersunk head wood screw 3.1×13

No.	Material	Finish/Colour
①	PBT	White
②	Steel	Yellow Zinc Chromate
③	Neodymium	Nickel
④	Steel	Yellow Zinc Chromate

Item Code	Item Name	Type	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-298	MC-YS001	Magnetic Catch Only	29.4 N	3 kgf	6 g	100 pcs	1,000 pcs
140-050-296	MC-YS001P	Magnetic Catch-Strike Plate & Screws	29.4 N	3 kgf	6 g	100 pcs	1,000 pcs
140-050-297	MC-YS002	Magnetic Catch Only	12 N	1.2 kgf	5 g	100 pcs	1,000 pcs
140-050-295	MC-YS002P	Magnetic Catch-Strike Plate & Screws	12 N	1.2 kgf	5 g	100 pcs	500 pcs

MAGNETIC CATCH



MC84

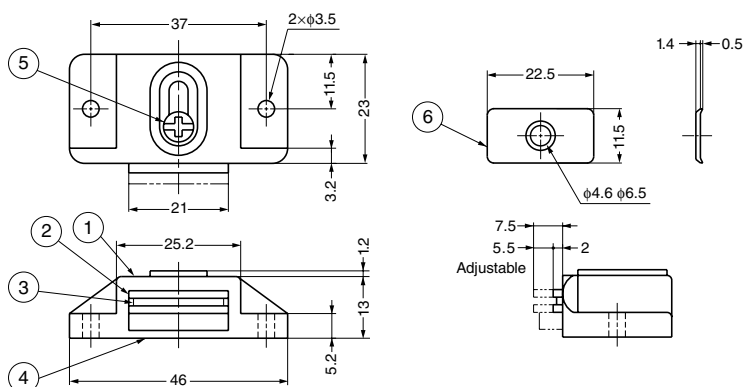


Features

Yoke position adjustable 5.5 mm.

Parts Included

- Pan head wood screw 3.1×13
- Countersunk head wood screw 2.7×13



No.	Part Name	Material	Finish/Colour	
			BR	BG
①	Body	ABS	Brown	Beige
②	Yoke	Steel	Bronze	Nickel
③	Magnet	Ferrite	—	—
④	Back Plate	ABS	Brown	White
⑤	Screw	Steel	Bronze	Nickel
⑥	Counter Plate	Steel	Bronze	Nickel

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-058-046	MC84BR	Brown	29.4 N	3 kgf	18 g	100 pcs	1,000 pcs
140-058-047	MC84BG	Beige	29.4 N	3 kgf	18 g	100 pcs	1,000 pcs

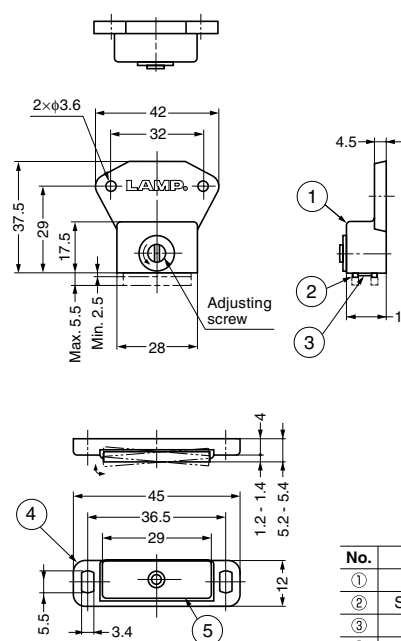
MAGNETIC CATCH

MC-7004



Features

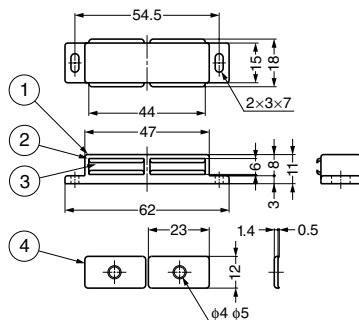
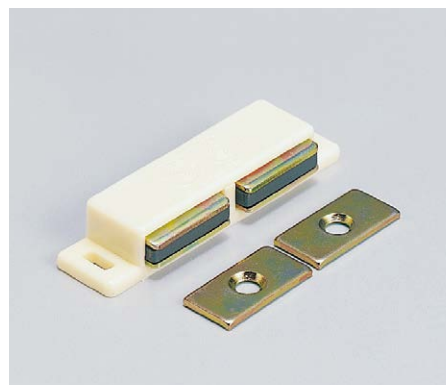
Yoke position adjustable 3 mm.



No.	Material	Finish/Colour
①	ABS	White/Brown
②	Steel (Yoke)	Nickel
③	Ferrite	—
④	ABS	White/Brown
⑤	Steel	Nickel

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-044	MC-7004W	White	19.6 N	2 kgf	27 g	100 pcs	1,000 pcs
140-050-045	MC-7004BR	Brown	19.6 N	2 kgf	27 g	100 pcs	1,000 pcs

MAGNETIC CATCH



MC-FM20W

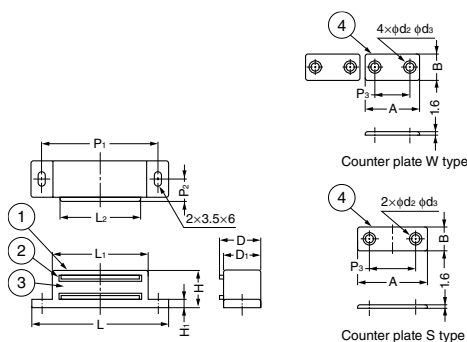
Parts Included

- Pan head wood screw 3.1×13 2 pcs
- Countersunk head wood screw 2.9×13 2 pcs

No.	Material	Finish/Colour
①	Polyethylene (PE)	Ivory
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	—
④	Steel	Yellow Zinc Chromate

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-049	MC-FM20W	9.8 N	1 kgf	30 g	24 pcs	480 pcs

MAGNETIC CATCH



MC-E

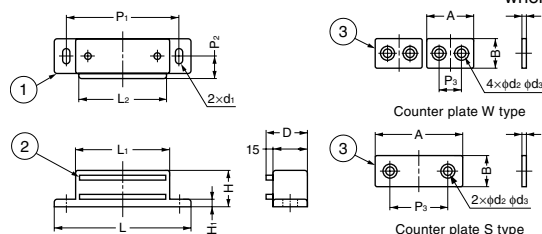
Parts Included

- Pan head wood screw 3.1×13
- Countersunk head wood screw 2.9×13

No.	Material	Finish/Colour
①	Polyethylene (PE)	White
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	—
④	Steel	Yellow Zinc Chromate

Item Code	Item Name	L	L ₁	L ₂	D	D ₁	H	H ₁	P ₁	P ₂	A	B	P ₃	d ₂	d ₃	Magnetic Force N	Magnetic Force kgf	Screw	Weight	Box	Carton
140-050-058	MC-EM-S	49.5	33	28	16	15	14	4	41.5	9	30	11	20	4.8	6.5	19.6 N	2 kgf	4 pcs	26 g	24 pcs	720 pcs
140-050-059	MC-EL-S	60	41	35	18	16	16	3.5	50	9.5	38	14	25	4.3	6.4	23.5 N	2.4 kgf	4 pcs	38 g	24 pcs	360 pcs
140-050-060	MC-EL-W	60	41	35	18	16	16	3.5	50	9.5	20	13	10	4.4	6.4	23.5 N	2.4 kgf	6 pcs	38 g	24 pcs	360 pcs

MAGNETIC CATCH



MC-K

Parts Included

Internal sponge reduces noise from contact when door closes.

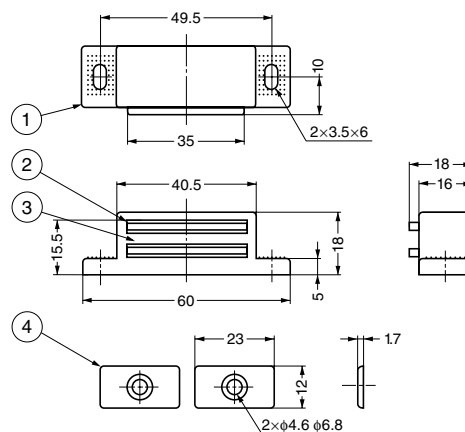
No.	Material	Finish/Colour
①	PBT	White
②	Steel (Yoke)	Clear Zinc Chromate
③	Steel	Chrome

Item Code	Item Name	L	L ₁	L ₂	D	H	H ₁	P ₁	P ₂	d ₁	A	B	P ₃	d ₂	d ₃	Magnetic Force N	Magnetic Force kgf	Screw	Weight	Box	Carton
140-050-290	MC-KM-S	50.5	33	30	17	12	3	42	10	3.2×6.2	30	11.5	20	4.2	6.7	23.5 N	2.4 kgf	4 pcs	26 g	12 pcs	720 pcs
140-050-291	MC-KL-S	60	42	38	18	16	3.2	50	10.5	3.2×6	38	14	25	4.3	6.4	27.4 N	2.8 kgf	4 pcs	45 g	12 pcs	360 pcs
140-050-292	MC-KL-W	60	42	38	18	16	3.2	50	10.5	3.2×6	20	13	10	4.3	6.4	27.4 N	2.8 kgf	6 pcs	45 g	12 pcs	360 pcs

CATCHES & LATCHES



- Pan head tapping screw 3.5×15
- Countersunk head wood screw 2.7×13



No.	Material	Finish/Colour
①	Polyethylene (PE)	Brown
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	—
④	Steel	Bronze

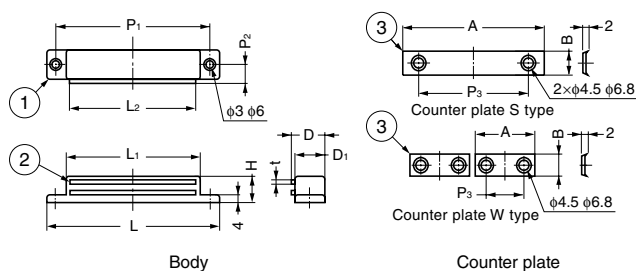
Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Screw	Weight	Box	Carton
140-050-061	MC-EA	19.6 N	2 kgf	4 pcs	40 g	24 pcs	360 pcs

MAGNETIC CATCH



Internal sponge reduces noise from contact when door closes.

Countersunk head wood screw 2.7x1.6 (SUS)



No.	Material	Finish/Colour
①	PBT	White
②	Stainless Steel (SUS430)	—
③	Stainless Steel (SUS430)	—

Item Code	Item Name	L	L ₁	L ₂	D	D ₁	H	P ₁	P ₂	t	A	B	P ₃	Magnetic Force	Screw	Weight	Box	Carton	
140-050-070	MC-SPM-S	86	68.4	63	17	15	13	77	9.5	1.5	70	12	57	47.0 N	4.8 kgf	4 pcs	57 g	12 pcs	360 pcs
140-050-071	MC-SPM-W	86	68.4	63	17	15	13	77	9.5	1.5	30	11	20	47.0 N	4.8 kgf	6 pcs	53.5 g	12 pcs	360 pcs
140-050-072	MC-SPL-S	106	85.6	80	20.5	18	16	94	11.5	2	79	14	65	54.9 N	5.6 kgf	4 pcs	100 g	6 pcs	180 pcs
140-050-073	MC-SPL-W	106	85.6	80	20.5	18	16	94	11.5	2	38	14	25	54.9 N	5.6 kgf	6 pcs	100 g	6 pcs	180 pcs

MAGNETIC CATCH



MC-H

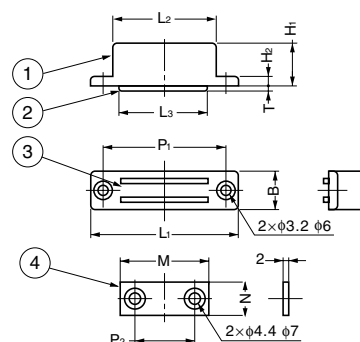


Features

Internal sponge reduces noise from contact when door closes.

Parts Included

Countersunk head wood screw 2.9x13 4 pcs

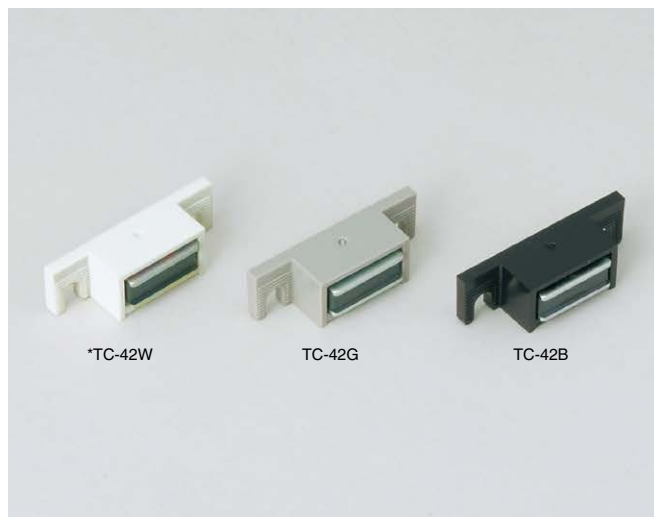


No.	Material	Finish/Colour
①	Polyamide (PA)	Brown
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	—
④	Steel	Chrome

Item Code	Item Name	L ₁	L ₂	L ₃	B	H ₁	H ₂	T	P ₁	M	N	P ₂	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-052	MC-HM	50	35	30	13	14.5	3.2	2	41.7	30	11.5	20	23.5	2.4 kgf	27 g	12 pcs	360 pcs
140-051-111	MC-HL	60	42	38	15.5	17	4.3	2.5	50.8	38	14	25	27.4	2.8 kgf	47 g	12 pcs	180 pcs

MAGNETIC CATCH

TC-42

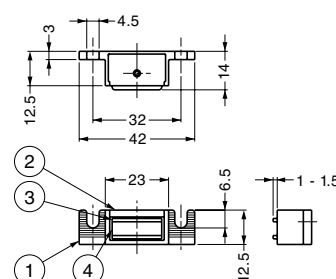


Features

Screws can be pre-installed, allowing the body to be simply slipped into place to save time during installation.

Sold Separately

Counter plate SP0207 (P.273)



No.	Part Name	Material	Finish/Colour
①	Body	ABS	White, Black, Grey
②	Cover	ABS	White, Black, Grey
③	Yoke	Steel	Yellow Zinc Chromate
④	Magnet	Ferrite	—

Body

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
*140-050-350	TC-42W	White	34.3 N	3.5 kgf	10 g	80 pcs	1,600 pcs
140-400-003	TC-42B	Black	34.3 N	3.5 kgf	10 g	80 pcs	1,600 pcs
140-050-333	TC-42G	Grey	34.3 N	3.5 kgf	10 g	80 pcs	1,600 pcs

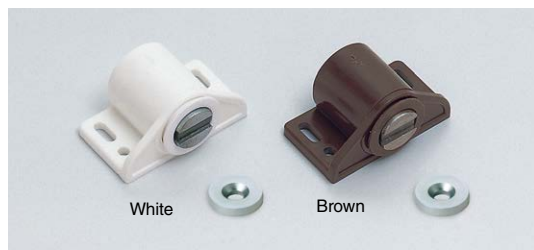
*Limited stock available. Please contact your vendor.

Counter Plate (Sold Separately)

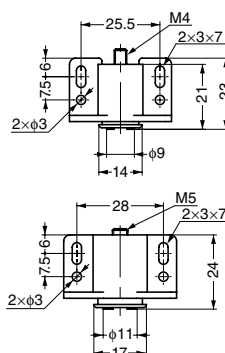
Item Code	Item Name
140-050-323	SP0207

MAGNETIC CATCH

MS



No.	Material	Finish/Colour
①	Plastic	White, Brown
②	Steel (Yoke)	Plain
③	Ferrite	-
④	Steel	Yellow Zinc Chromate



Features

Yoke position is adjustable

Parts Included

Counter plate W4 (P.273)

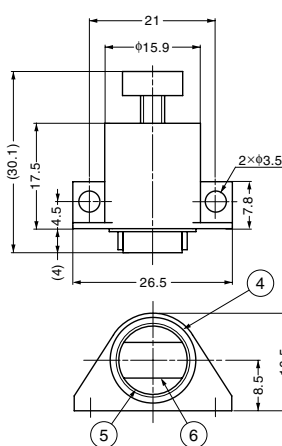
Item Code	Item Name	Colour	A	P ₁	D ₁	D ₂	d	H	L	Magnetic Force N	Magnetic Force kgf	Weight	Carton
140-050-506	MS4WP	White	33	25.5	9	14	M4	16.5	6	23.5 N	2.4 kgf	11.7 g	1,000 pcs
140-050-507	MS4BRP	Brown	33	25.5	9	14	M4	16.5	6	23.5 N	2.4 kgf	11.7 g	1,000 pcs
140-050-508	MS6WP	White	36.5	28	11	17	M5	19	3	39.2 N	4 kgf	17.7 g	1,000 pcs
140-050-509	MS6BRP	Brown	36.5	28	11	17	M5	19	3	39.2 N	4 kgf	17.7 g	1,000 pcs

MAGNETIC CATCH

MC-125



No.	Part Name	Material	Finish/Colour
①	Body	ABS	White, Black
②	Knob	Brass	Nickel
③	Bolt	ABS	White, Black
④	Tube	Brass	Nickel
⑤	Yoke	Steel	Clear Zinc Chromate
⑥	Magnet	Ferrite	-
⑦	Counter Plate	Steel	Nickel



Features

Yoke position can be adjusted 4mm backwards and forwards by twisting the dial on the back of the body.

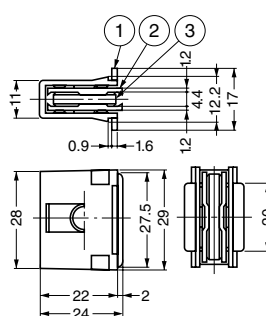
Parts Included

Counter plate W12 (P.273)

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-021-954	MC-125WTP	White	24.5 N	2.5 kgf	14.5 g	20 pcs	1,000 pcs
140-021-955	MC-125BLP	Black	24.5 N	2.5 kgf	14.5 g	20 pcs	1,000 pcs

MAGNETIC CATCH (SNAP-IN TYPE)

MC-SS30



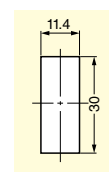
Features

Snap-in magnetic catch for sheet metal applications. Panel thickness: 0.8 mm

Sold Separately

Counter plate (SUS) MC-JM49 (P.273)

Cut Out Dimensions



Body

Item Code	Item Name	Door Thickness	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-036	MC-SS30	0.8	29.4 N	3 kgf	22 g	60 pcs	600 pcs

Counter Plate (Sold Separately)

Item Code	Item Name
140-050-149	MC-JM49

No.	Material	Finish/Colour
①	ABS	Ivory
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	-

MAGNETIC CATCH (SNAP-IN TYPE)

MC-FS

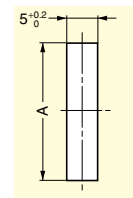


Features

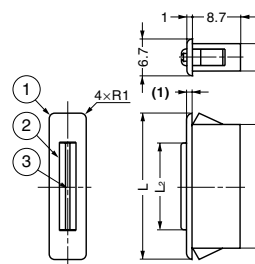
- Snap-in magnetic catch for sheet metal applications.
- Thin body for tight spaces.

Cut Out Dimensions

Item Name	Door Thickness	A
MC-FS-2	0.8	22.65 ^{+0.15} ₀
	1.0	22.8 ^{+0.1} ₀
	1.2	22.9 ^{+0.1} ₀
MC-FS-4W	0.8	39.9 ^{+0.2} ₀
	1.0	40.5 ^{+0.2} ₀
	1.2	41.8 ^{+0.2} ₀
MC-FS-4SW	0.8	40.2 ^{+0.2} ₀
	1.0	40.5 ^{+0.2} ₀
	1.2	41.8 ^{+0.2} ₀



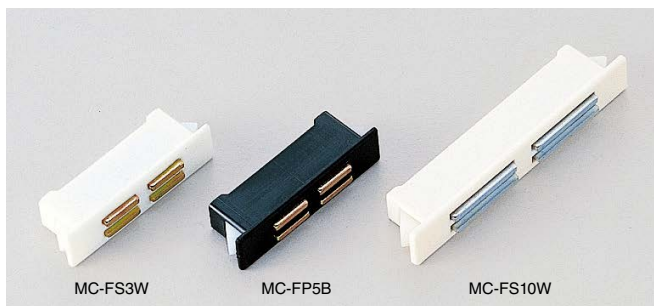
No.	Part Name	Material	Finish/Colour
①	Body	ABS:(MC-FS-2W,MC-FS-2SW,MC-FS-4W), PA(MC-FS4SW)	White
②	Yoke	Steel	Clear Zinc Chromate
③	Magnet	Ferrite, Neodymium	-



Item Code	Item Name	Material	L	L ₁	L ₂	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-013-016	MC-FS-2 W	Ferrite	26.5	22.4	16	15 N	1.5 kgf	3.5 g	400 pcs	4,000 pcs
140-013-017	MC-FS-2SW	Neodymium	26.5	22.4	16	34 N	3.5 kgf	3.5 g	400 pcs	4,000 pcs
140-013-015	MC-FS-4 W	Ferrite	45	39.6	30.3	25 N	2.5 kgf	5.8 g	200 pcs	2,000 pcs
140-013-014	MC-FS-4SW	Neodymium	45	39.6	30.3	69 N	7 kgf	5.8 g	200 pcs	2,000 pcs

MAGNETIC CATCH (SNAP-IN TYPE)

MC-FS, MC-FP5, MC-FB10



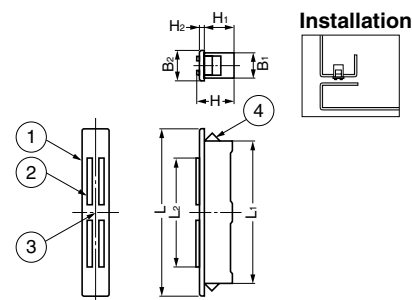
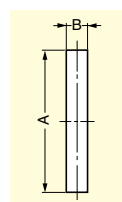
Features

Snap-in magnetic catch for sheet metal applications.

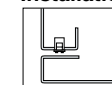
No.	Part Name	Material	Finish/Colour
①	Body	ABS	White, Black
②	Yoke	Steel	Yellow Zinc Chromate, Clear Zinc Chromate (MC-FB10)
③	Magnet	Ferrite	-
④	Spring	Polyacetal (POM)	Natural, White (MC-FS10, MC-FB10)

Cut Out Dimensions

Door Thickness	MC-FS3		MC-FP5		MC-FS10		MC-FB10	
	A	B	A	B	A	B	A	B
0.5	22.5	8.3	-	-	-	-	54.9	10
0.8	-	-	34.1	8.2	55	8.2	-	-
1.0	-	-	34.1	8.2	55	8.2	56.1	10
1.2	-	-	34.5	8.2	55.5	8.2	-	-
1.6	-	-	35	8.2	56	8.2	57.5	10
2.0	-	-	36.5	8.2	56.5	8.2	58.5	10



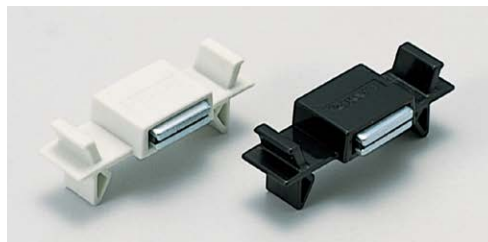
Installation



Item Code	Item Name	Colour	L	L ₁	L ₂	B ₂	B ₁	H	H ₁	H ₂	Magnetic Force		Weight	Box	Carton
140-050-005	MC-FS3W	White	24.2	22.4	15	9.6	8.2	12.3	10.9	0.9	12.7 N	1.3 kgf	5 g	60 pcs	2,160 pcs
140-050-086	MC-FP5W	White	40	33.9	21.6	10	8	13.5	11.2	1.2	21.6 N	2.2 kgf	9 g	200 pcs	2,000 pcs
140-050-293	MC-FS10W	White	64	54.5	43	10	8	14	11.5	1.5	44.1 N	4.5 kgf	20 g	50 pcs	1,000 pcs
140-055-099	MC-FB10	White	64	54.5	43	10.5	9.7	14	11.5	1.5	54.9 N	5.6 kgf	25 g	500 pcs	–
140-050-006	MC-FS3B	Black	24.2	22.4	15	9.6	8.2	12.3	10.9	0.9	12.7 N	1.3 kgf	5 g	60 pcs	2,160 pcs
140-050-087	MC-FP5B	Black	40	33.9	21.6	10	8	13.5	11.2	1.2	21.6 N	2.2 kgf	9 g	200 pcs	2,000 pcs
140-050-294	MC-FS10B	Black	64	54.5	43	10	8	14	11.5	1.5	44.1 N	4.5 kgf	20 g	50 pcs	1,000 pcs

MAGNETIC CATCH (SNAP-IN TYPE)

MC-YSW



Features

- For use on sheet metal.
- Thin body works well in tight spaces.
- Easy to attach and detach.
- MC-YSW02 model: Powerful neodymium magnet.
- MC-YSW01 model : Less powerful ferrite magnet.

Remarks

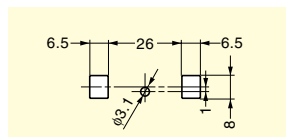
Max. temperature for neodymium magnet: 80°C

Sold Separately

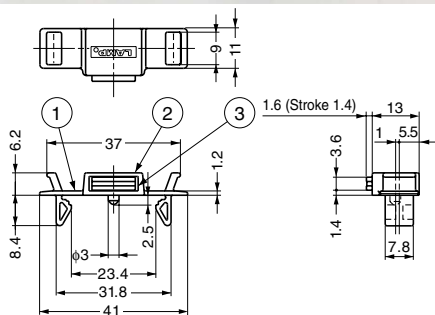
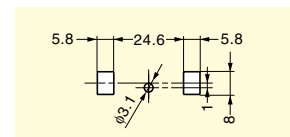
Spacer: YS-P05

Cut Out Dimensions

For 1 mm door (Need YS-P05) and
1.6 mm door (No need YS-P05)



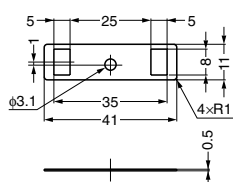
For 2 mm door (Need YS-P05) and
2.6 mm door (No need YS-P05)



No.	Material	Finish/Colour
①	MC-YSW01 MC-YSW02	MC-YSW01 MC-YSW02
②	Polyacetal (POM)	White, Black
③	Steel	Clear Zinc Chromate Yellow Zinc Chromate
④	Ferrite Neodymium	- Nickel



Spacer: YS-P05



Body

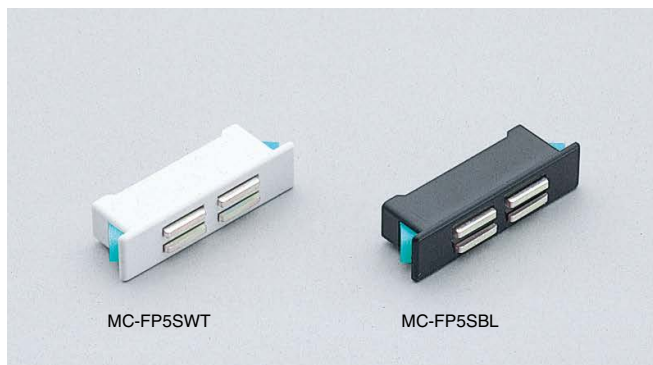
Item Code	Item Name	Colour	Magnet	Magnetic Force	Weight	Box	Carton
140-050-001	MC-YSW01W	White	Ferrite	12 N	1.2 kgf	5 g	100 pcs 1,000 pcs
140-050-028	MC-YSW01B	Black	Ferrite	12 N	1.2 kgf	5 g	100 pcs 1,000 pcs
140-050-002	MC-YSW02W	White	Neodymium	29 N	3 kgf	5.5 g	100 pcs 1,000 pcs
140-050-029	MC-YSW02B	Black	Neodymium	29 N	3 kgf	5.5 g	100 pcs 1,000 pcs

Spacer (Sold Separately)

Item Code	Item Name	Material	Colour	Weight	Box
140-050-003	YS-P05	Polypropylene (PP)	Natural	0.16 g	1,000 pcs

MAGNETIC CATCH (SNAP-IN TYPE)

MC-FP5S



Features

Compact size with strong magnetic force.

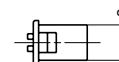
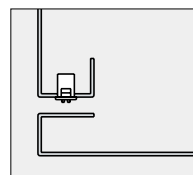
Remarks

Max. temperature: 80°C

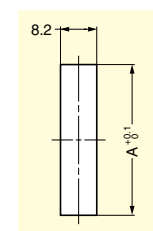
Sold Separately

- Counter plate (SUS): MC-JM49 (P.273)
- Counter plate SP0207 (P.273)

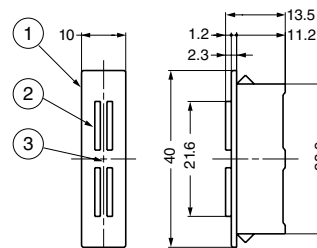
Installation



Cut Out Dimensions



No.	Part Name	Material	Finish/Colour
①	Body	ABS	White/Black
②	Yoke	Steel	Yellow Zinc Chromate
③	Magnet	Neodymium	-



Door Thickness	A
0.8	34.1
1	34.1
1.2	34.5
1.4	34.5
1.6	35
1.8	35.5
2	36.5

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-268	MC-FP5SWT	White	44.1 N	4.5 kgf	9 g	200 pcs	2,000 pcs
140-050-269	MC-FP5SBL	Black	44.1 N	4.5 kgf	9 g	200 pcs	2,000 pcs

MAGNETIC CATCH (SNAP-IN TYPE)

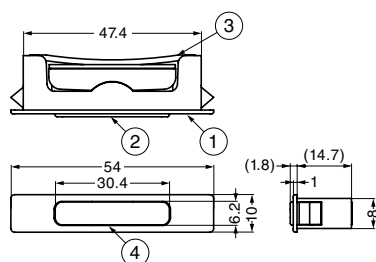
MC-JMF54



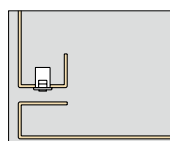
MC-JMF54BL



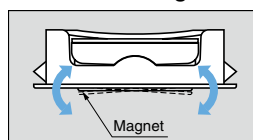
MC-JMF54WT



Installation



Movement of Magnet



Body

Item Code	Item Name	Colour	Magnetic Force	Weight	Box
140-026-601	MC-JMF54BL	Black	25 N	2.6 kgf	13 g
140-026-602	MC-JMF54WT	White	25 N	2.6 kgf	13 g

Features

- Hermetically sealed magnet with high corrosion resistance.
- Protects against the spread of miniature metal particles due to contact
- Design also reduces noise from contact
- Easy snap-in installation on pre-processed holes in sheet metal
- Magnet can pivot, allowing for strong retaining force even if alignment is off.
- Powerful neodymium magnet

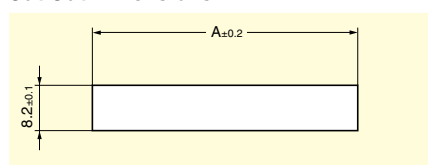
Remarks

Max. temperature: 80°C

Sold Separately

Counter plate MC-JMP45 (P.272), AS-68, MC-JM49 (P.273)

Cut Out Dimensions



Door Thickness	A
0.7	48
0.8	48
1.0	48
1.2	48
1.6	49
2.0	50

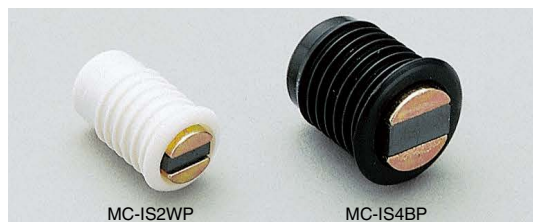
No.	Part Name	Material	Finish/Colour
①	Body	Polypropylene (PP)	Black/White
②	Body	Polypropylene (PP)	Black/White
③	Spring	Polyacetal (POM)	White
④	Magnet	Neodymium	Nickel

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-122	MC-JMP45WT	P.272
140-029-241	MC-JMP45BL	P.272
140-050-138	AS-68	P.273
140-050-149	MC-JM49	P.273

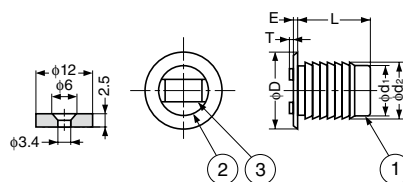
MAGNETIC CATCH

MC-IS



MC-IS2WP

MC-IS4BP



Parts Included

Counter plate W4 (P.273)

No.	Material	Finish/Colour
①	Polyamide (PA)	White, Black
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	-

Item Code	Item Name	Colour	D	L	E	T	d ₁	d ₂	Magnetic Force	Weight	Box	Carton
140-050-515	MC-IS2WP	White	10	13.8	1	0.7	8	8.6	9.8 N	1.0 kgf	4.7 g	200 pcs
140-050-516	MC-IS4WP	White	14	14	0.7	1.2	11	12	24.5 N	2.5 kgf	7.7 g	100 pcs
140-050-517	MC-IS2BP	Black	10	13.8	1	0.7	8	8.6	9.8 N	1.0 kgf	4.7 g	200 pcs
140-050-518	MC-IS4BP	Black	14	14	0.7	1.2	11	12	24.5 N	2.5 kgf	7.7 g	100 pcs

MAGNETIC CATCH

MC-IS4F



MC-IS4FBLP

MC-IS4FWTP

Features

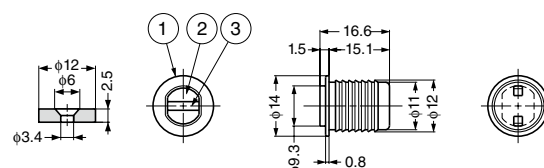
Magnet can pivot, allowing for strong retaining force even if alignment is off.

Remarks

Do not use glue.

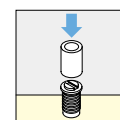
Parts Included

Counter plate W4 (P.273)



Item Code	Item Name	Colour	Magnetic Force	Weight	Box	Carton
140-050-519	MC-IS4FWTP	White	24.5 N	2.5 kgf	7.7 g	100 pcs
140-050-520	MC-IS4FBLP	Black	24.5 N	2.5 kgf	7.7 g	100 pcs

No.	Material	Finish/Colour
①	Polyamide (PA)	White, Black
②	Steel (Yoke)	Yellow Zinc Chromate
③	Ferrite	-



MAGNETIC CATCH



MC-YN001, MC-YN001P



Features

- 2.2mm ultra thin magnetic catch operates well even in tight spaces.
- Very strong neodymium magnet

Remarks

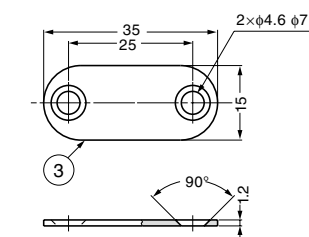
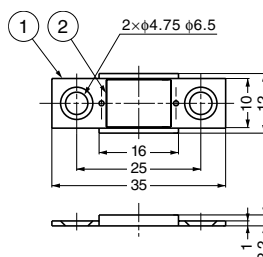
Max. temperature: 80°C

Parts Included (MC-YN001P)

Countersunk head tapping screw 3x14

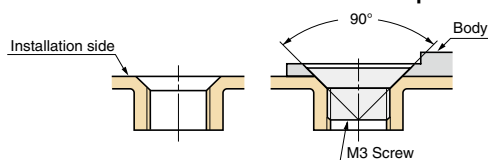
Recommended Screw

Countersunk head screw M3 or Countersunk head wood screw nominal 3.1



Counter plate: MC-YN001U (P.273)

Cut Out Dimensions and Installation Example



No.	Part Name	Material	Finish
①	Body	Steel	Nickel
②	Magnet	Neodymium	Nickel
③	Counter Plate	Steel	Nickel

Item Code	Item Name	Type	Magnetic Force		Weight	Box	Carton
140-050-257	MC-YN001	Magnetic catch only	26.5 N	2.7 kgf	4.0 g	100 pcs	2,000 pcs
140-050-000	MC-YN001P	Magnetic catch-Strike Plate & Screws	26.5 N	2.7 kgf	7.5 g	100 pcs	2,000 pcs

MAGNETIC CATCH



MC-YN015S, MC-YN015SP



Features

- 2.2mm ultra thin magnetic catch operates well even in tight spaces.
- Very strong neodymium magnet
- Covered in an epoxy coating for high corrosion resistance.

Remarks

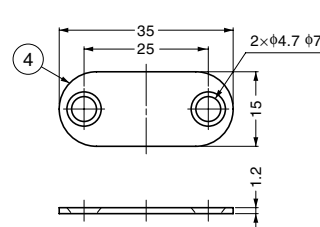
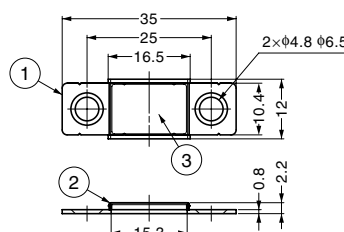
Max. temperature: 80°C

Parts Included (MC-YN015SP)

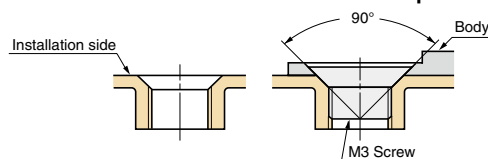
Countersunk head tapping screw 3x14

Recommended Screw

Countersunk head screw M3 or Countersunk head wood screw nominal 3.1



Cut Out Dimensions and Installation Example

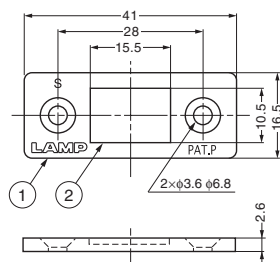


No.	Part Name	Material	Finish
①	Body	Stainless Steel (Equivalent)	Polished
②	Cover	Stainless Steel (SUS304)	Plain
③	Magnet	Neodymium	Plastic Coating
④	Counter Plate	Stainless Steel (Equivalent)	Polished

Item Code	Item Name	Type	Magnetic Force		Weight	Box	Carton
140-020-672	MC-YN015S	Magnetic catch only	22.5 N	2.3 kgf	3.6 g	100 pcs	2,000 pcs
140-020-673	MC-YN015SP	Magnetic catch-Strike Plate & Screws	22.5 N	2.3 kgf	7.3 g	100 pcs	2,000 pcs

MAGNETIC CATCH

MC-158



*Without the mark "PAT.P" from the next production lot

Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-014	MC-158	14.7 N	1.5 kgf	12 g	200 pcs	1,000 pcs

Features

- 2.6mm ultra thin magnet operates well even in tight spaces
- Similar item with strong magnetic force: MC-159-8 (P.263)
- Similar item made from stainless steel: MC-159-SUS (P.263)

Remarks

Max. temperature: 80°C

Recommended Screw

Countersunk head wood screw or Countersunk head screw M3

Sold Separately

Counter plate: MC-YN001U (P.273)

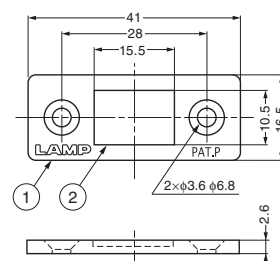
Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-059-555	MC-YN001U	P.273

No.	Part Name	Material	Finish
①	Body	Steel	Nickel
②	Magnet	Neodymium	Nickel

MAGNETIC CATCH

MC-159



*Without the mark "PAT.P" from the next production lot

Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-058-061	MC-159	39 N	4 kgf	12 g	200 pcs	1,000 pcs
140-038-023	MC-159-BL	39 N	4 kgf	12 g	200 pcs	1,000 pcs

Features

- 2.6mm ultra thin magnet operates well even in tight spaces
- Strong magnetic force
- Similar item with strong magnetic force: MC-159-8 (P.263)
- Similar item made from stainless steel: MC-159-SUS (P.263)

Remarks

Max. temperature: 80°C

Recommended Screw

Countersunk head wood screw or Countersunk head screw M3

Sold Separately

Counter plate: MC-YN001U (P.273)

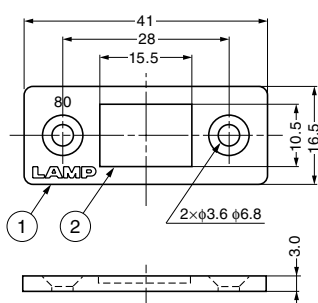
Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-059-555	MC-YN001U	P.273

No.	Part Name	Material	Finish
①	Body	Steel	Nickel
②	Magnet	Neodymium	Nickel

MAGNETIC CATCH

MC-159-8



Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-026-510	MC-159-8	78.4 N	8 kgf	14 g	200 pcs	1,000 pcs

Features

- 3mm ultra thin magnet operates well even in tight spaces
- Extremely strong magnetic force
- Similar items with different magnetic forces: MC-158, MC-159 (P.262), MC-159-SUS (below)

Remarks

Max. temperature: 80°C

Recommended Screw

Flat head screw M3 or Countersunk head wood screw 3.1

Sold Separately

Counter plate MC-YN001U (P.273)

No.	Part Name	Material	Finish
①	Body	Steel	Nickel
②	Magnet	Neodymium	Nickel

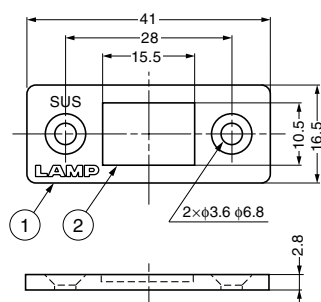
Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-059-555	MC-YN001U	P.273

MAGNETIC CATCH



MC-159-SUS



Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-026-511	MC-159-SUS	49 N	5 kgf	13 g	200 pcs	1,000 pcs

Features

- 2.8mm ultra thin magnet operates well even in tight spaces
- Covered with an acrylic resin coating for high corrosion resistance.
- Very strong magnetic force
- Similar items with different magnetic forces: MC-158, MC-159 (P.262), MC-159-8 (above)

Remarks

Max. temperature: 80°C

Recommended Screw

Flat head screw M3 or Countersunk head wood screw 3.1

Sold Separately

Counter plate (made of SUS) MC-JM49, AS-68 (P.273)

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS430)	Mirror
②	Magnet	Neodymium	Acrylic Coating

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-059-555	MC-YN001U	P.273

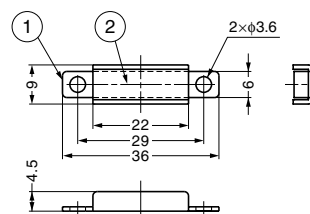
MAGNETIC CATCH

MC-YN003



Features

4.5mm thin magnetic catch operates well even in tight spaces



No.	Part Name	Material	Finish
①	Body	Steel	Nickel
②	Magnet	Ferrite	—

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-059-540	MC-YN003	16.6 N	1.7 kgf	5 g	500 pcs	2,500 pcs

MAGNETIC CATCH

MC-YC-06



Features

- Strong die casted body.
- Small body with strong magnetic force.
- Can be installed vertically or horizontally.

Similar item: MC-YS (P.252)

Remarks

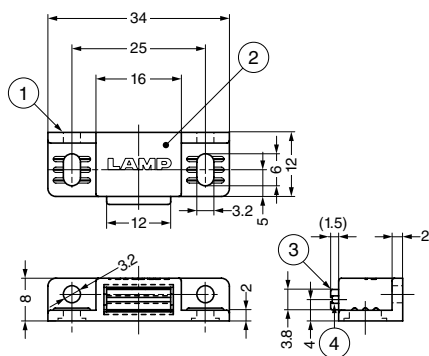
Max. temperature: 80°C

Sold Separately

Counter plate MC-YN001U (P.273)

Recommended Screw

M3 Pan head screw



No.	Part Name	Material	Finish
①	Body	Zinc Alloy (ZDC)	Nickel
②	Case Bracket	Stainless Steel (SUS304)	—
③	Yoke	Steel	Clear Zinc Chromate
④	Magnet	Neodymium	Nickel

Counter Plate (Sold Separately)

Item Code	Item Name	Magnetic Force	Weight	Box	Carton
140-028-432	MC-YC-06	44.1 N	4.5 kgf	12 g	100 pcs

Item Code	Item Name	Page
140-059-555	MC-YN001U	P.273

MAGNETIC CATCH

STAINLESS
430
STEEL

MC-YN005



Features

- Corrosion resistance.
- Thin magnetic catch ideal for tight spaces.
- Small body with strong magnetic force.

Remarks

Max. temperature for neodymium magnet type: 80°C

Sold Separately

Counter plate (SUS) MC-JM49 (P.273)

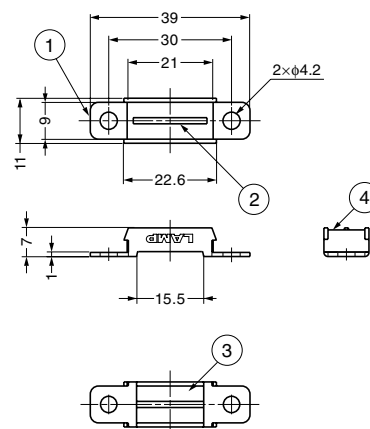
No.	Part Name	Material		Finish	
		MC-YN005	MC-YN005-N	MC-YN005	MC-YN005-N
①	Yoke	Stainless Steel (SUS430)	Stainless Steel (SUS430)	Plain	Mirror
②	Yoke	Stainless Steel (SUS430)	Stainless Steel (SUS430)	Plain	Polished
③	Magnet	Ferrite	Neodymium	Plain	Nickel
④	Cover	Stainless Steel (SUS304)	Stainless Steel (SUS304)	Plain	Plain

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-149	MC-JM49	P.273

Body

Item Code	Item Name	Magnet	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-059-558	MC-YN005	Ferrite	29.4 N	3 kgf	9 g	200 pcs	1,000 pcs
140-026-512	MC-YN005-N	Neodymium	58.8 N	6 kgf	10 g	200 pcs	1,000 pcs



MAGNETIC CATCH

STAINLESS
430
STEEL

MC-YN005HP



Features

- Suitable for high temperature environments up to 250°C.
- Corrosion resistance.
- Thin magnetic catch ideal for tight spaces.
- Small body with strong magnetic force.

Sold Separately

Counter plate (SUS) MC-JM49 (P.273)

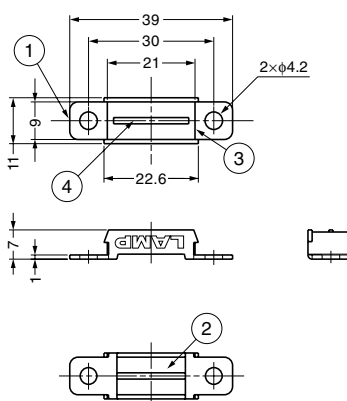
No.	Part Name	Material	Finish
①	Yoke	Stainless Steel (SUS430)	Mirror
②	Magnet	Samarium Cobalt	Plain
③	Cover	Stainless Steel (SUS304)	Plain
④	Yoke	Stainless Steel (SUS430)	Polished

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-149	MC-JM49	P.273

Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-012-617	MC-YN005HP-20	20 N	2 kgf	11 g	200 pcs	1,000 pcs
140-012-625	MC-YN005HP-50	50 N	5.1 kgf	11 g	200 pcs	1,000 pcs



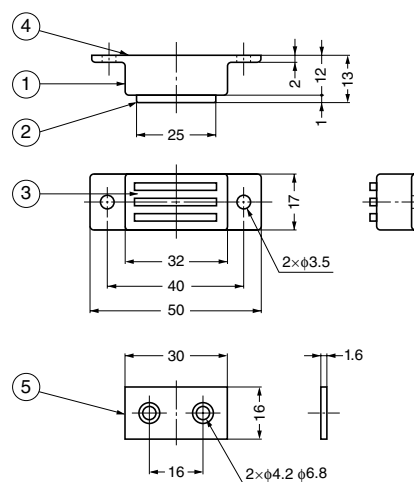
MAGNETIC CATCH

MC0083



Features

Strong magnetic force.



No.	Part Name	Material	Finish
①	Body	Brass	Nickel
②	Yoke	Steel	Nickel
③	Magnet	Ferrite	—
④	Cover	Aluminium Alloy	Anodized
⑤	Counter Plate	Steel	Nickel

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-058-068	MC0083	68.6 N	7.0 kgf	32 g	40 pcs	400 pcs

MAGNETIC CATCH

MC0083-N



Features

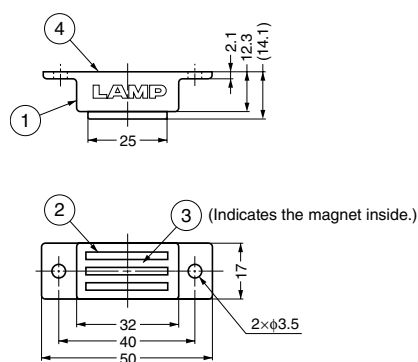
- Strong magnetic force.
- Similar item: MC0083HP (P.267)
- Suitable for kitchens and laboratory equipment

Remarks

Max. temperature: 80°C

Sold Separately

Counter plate AS-68 (P.273)



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Mirror
②	Yoke	Steel	Nickel
③	Magnet	Neodymium	Nickel
④	Cover	Stainless Steel (SUS304)	Plain

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-138	AS-68	P.273

Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-026-513	MC0083-N	137 N	14 kgf	41 g	40 pcs	400 pcs

MAGNETIC CATCH

STAINLESS
430
STEEL

MC0083HP



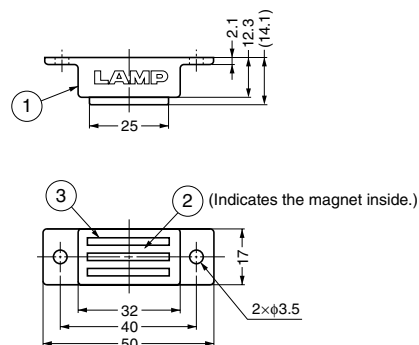
Features

- Suitable for high temperature environments up to 250°C. Small with strong magnetic force.
- Corrosion and heat resistance: both magnets and yokes are made of stainless steel.

Similar item: MC-YN0083N (P.266)

Sold Separately

Counter plate (SUS) AS-68 (P.273)



Body

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-012-729	MC0083HP- 70	70 N	7.1 kgf	40 g	40 pcs	400 pcs
140-012-613	MC0083HP-140	140 N	14.3 kgf	40 g	40 pcs	400 pcs

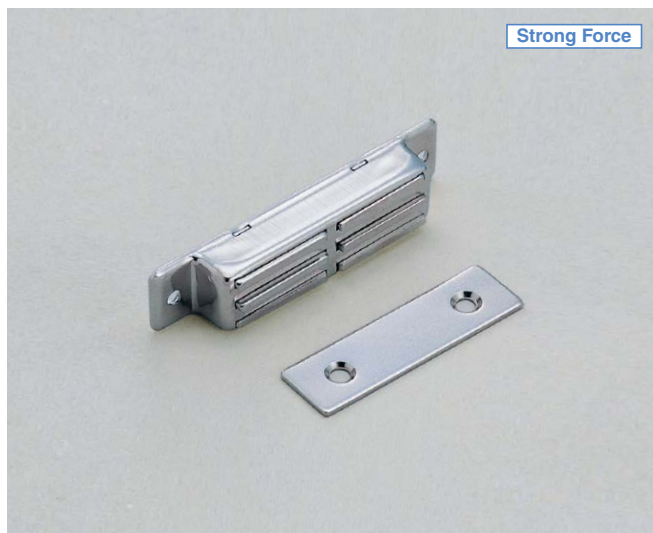
Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-138	AS-68	P.273

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Mirror
②	Magnet	Samarium Cobalt	Plain
③	Yoke	Stainless Steel (SUS430)	Mirror

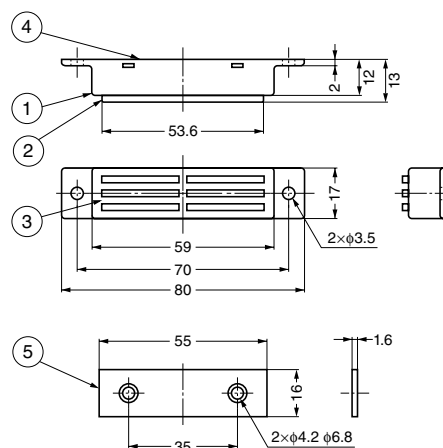
MAGNETIC CATCH

MC0083D



Features

Strong magnetic force.



No.	Part Name	Material	Finish
①	Body	Brass	Nickel
②	Yoke	Steel	Nickel
③	Magnet	Ferrite	—
④	Cover	Aluminium Alloy	Anodized
⑤	Strike	Steel	Nickel

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-058-067	MC0083D	98 N	10 kgf	63 g	20 pcs	200 pcs

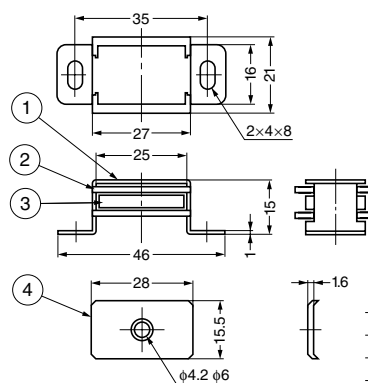
MAGNETIC CATCH



MC-S88

Parts Included

- Round head wood screw 2.7×13 2 pcs
- Countersunk head wood screw 2.9×13 1 pc



No.	Material	Finish
①	Aluminium Alloy	Plain
②	Steel (Yoke)	Clear Zinc Chromate
③	Ferrite	—
④	Steel	Clear Zinc Chromate

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-032	MC-S88	14.7 N	1.5 kgf	28.5 g	24 pcs	720 pcs

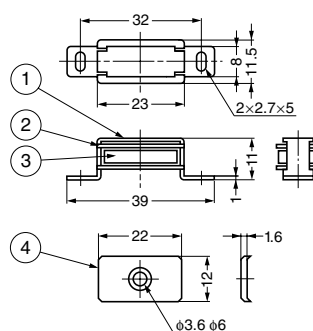
MAGNETIC CATCH



MC-SM10

Parts Included

- Round head wood screw 2.7×13 2 pcs
- Countersunk head wood screw 2.4×13 1 pc



No.	Material	Finish
①	Aluminium Alloy	Anodized
②	Steel (Yoke)	Clear Zinc Chromate
③	Ferrite	—
④	Steel	Clear Zinc Chromate

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-202	MC-SM10	20 N	2 kgf	12 g	100 pcs	1,000 pcs

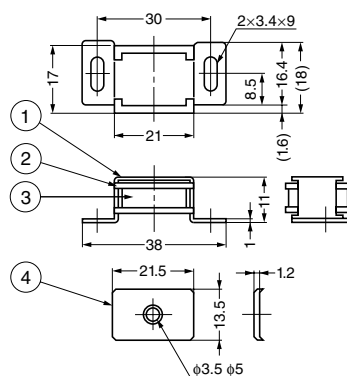
MAGNETIC CATCH



MC-S78

Parts Included

- Round head wood screw 3.1×13 2 pcs
- Countersunk head wood screw 2.4×13 1 pc

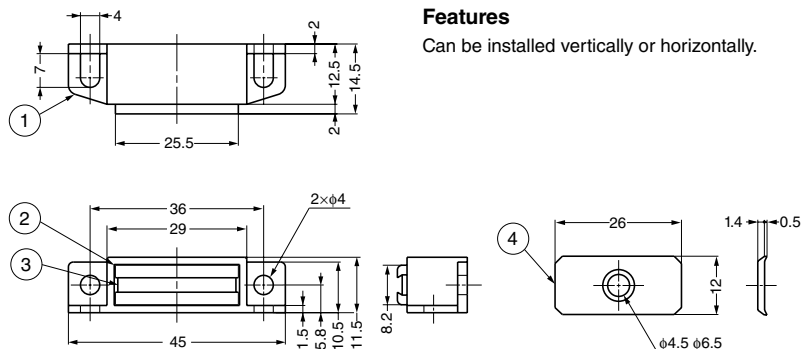
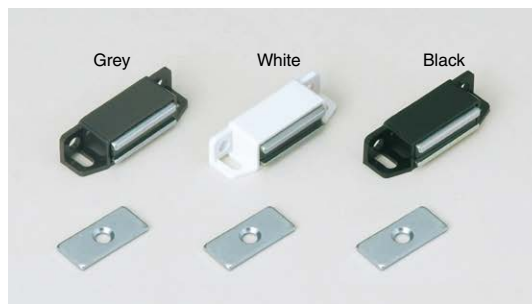


No.	Material	Finish/Colour
①	Aluminium Alloy	Brown
②	Steel (Yoke)	Clear Zinc Chromate
③	Ferrite	—
④	Steel	Clear Zinc Chromate

Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-030	MC-S78	7.8 N	0.8 kgf	17 g	36 pcs	720 pcs

MAGNETIC CATCH

MC0099



Features

Can be installed vertically or horizontally.

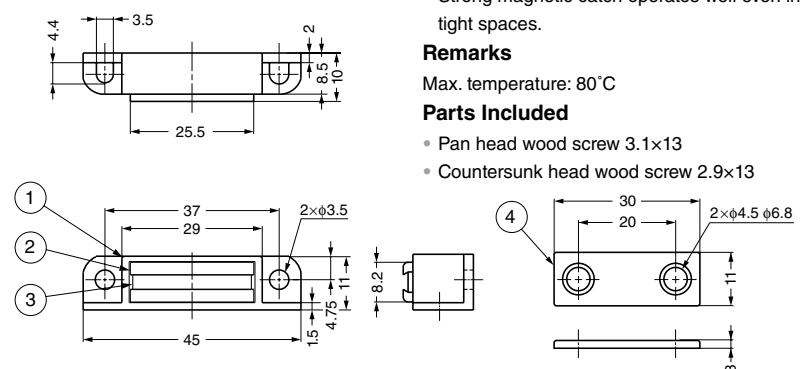
Item Code	Item Name	Colour	Magnetic Force		Weight	Box	Carton
140-050-501	MC0099BP	Black	10.8 N	1.1 kgf	16.3 g	100 pcs	1,000 pcs
140-050-503	MC0099SBP	Black	37.2 N	3.8 kgf	16.3 g	100 pcs	1,000 pcs
140-050-502	MC0099WP	White	10.8 N	1.1 kgf	16.3 g	100 pcs	1,000 pcs
140-050-504	MC0099SWP	White	37.2 N	3.8 kgf	16.3 g	100 pcs	1,000 pcs
140-050-505	MC0099GP	Grey	51 N	5.2 kgf	16.3 g	100 pcs	1,000 pcs

No.	Part Name	Material	Finish/Colour
①	Body	ABS	White, Black
		Polycarbonate (PC)	Grey
②	Yoke	Steel	Yellow Zinc Chromate
③	Magnet	Ferrite	-
④	Counter Plate	Steel	Clear Zinc Chromate

MAGNETIC CATCH



MC-110NF



Features

- Can be installed vertically or horizontally.
- Strong magnetic catch operates well even in tight spaces.

Remarks

Max. temperature: 80°C

Parts Included

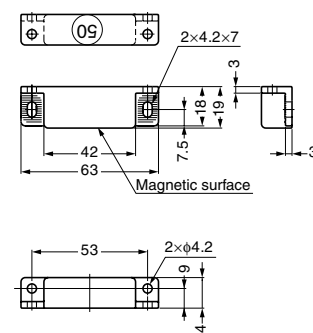
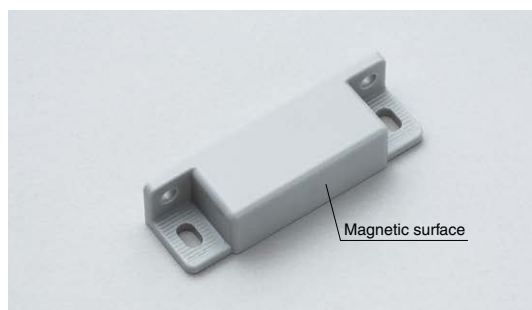
- Pan head wood screw 3.1×13
- Countersunk head wood screw 2.9×13

No.	Part Name	Material	Finish/Colour
①	Body	Polycarbonate (PC)	White/Grey
②	Yoke	Steel	Yellow Zinc Chromate
③	Magnet	Neodymium	-
④	Counter Plate	Steel	Yellow Zinc Chromate

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-335	MC-110NF-WT	White	78.4 N	8 kgf	10 g	100 pcs	800 pcs
140-050-336	MC-110NF-GR	Grey	78.4 N	8 kgf	10 g	100 pcs	800 pcs

SEALED MAGNETIC CATCH

MC-JM63G



Features

- Can be installed vertically or horizontally
- Hermetically sealed magnet has high rust resistance, is dust proof and prevents metal on metal contact.
- When used near water or cleaning areas, recommended to be used with the hermetically sealed magnetic catch MC-JMP45.
- Great solution for kitchens, bathing and shower areas.

Remarks

Max. temperature: 80°C

Recommended Screw

Nominal 4 tapping screw or M4 screw

Counter Plate (Sold Separately)

Part Name	Material	Colour
Body	Polyacetal (POM)	Grey
Magnet	Neodymium	-

Body

Item Code	Item Name	Magnetic Force		Weight	Box	Carton
140-050-153	MC-JM63G-15	14.7 N	1.5 kgf	24 g	50 pcs	500 pcs
140-050-152	MC-JM63G-30	29.4 N	3 kgf	28 g	50 pcs	500 pcs
140-050-151	MC-JM63G-50	49 N	5 kgf	40 g	50 pcs	500 pcs

Item Code	Item Name	Page
140-050-122	MC-JMP45WT	P.272
140-029-241	MC-JMP45BL	P.272
140-050-149	MC-JM49	P.273
140-050-138	AS-68	P.273

SEALED MAGNETIC CATCH

MC-JM45



MC-JM45WT

MC-JM45BL

Features

- Resin sealing the magnet prevents rusting.
- Thin magnetic catch ideal for tight space.
- Strong magnetic force.
- Ideal for kitchen equipment by using with the counter plate MC-JMP45 (P.272)

Remarks

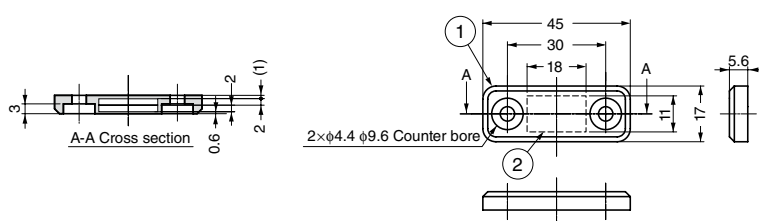
Max. temperature: 80°C

Recommended Screw

Nominal 4 tapping screw or M4 screw

Sold Separately

Counter plate MC-JMP45, MC-JM49, AS-68 (P.273)



Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-122	MC-JMP45WT	P.272
140-029-241	MC-JMP45BL	P.272
140-050-149	MC-JM49	P.273
140-050-138	AS-68	P.273

No.	Part Name	Material	Colour
①	Body	Polypropylene (PP)	White, Black
②	Magnet	Neodymium	-

Body

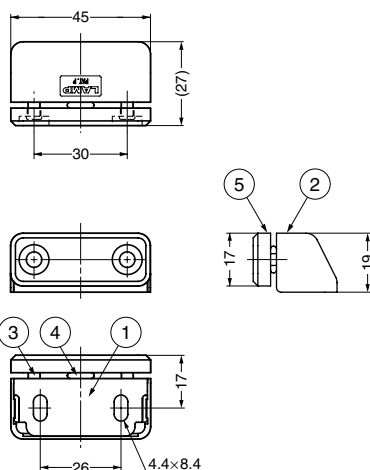
Item Code	Item Name	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-154	MC-JM45WT	29.4 N	3 kgf	8.5 g	100 pcs	1000 pcs
140-029-240	MC-JM45BL	29.4 N	3 kgf	8.5 g	100 pcs	1000 pcs

SEALED MAGNETIC CATCH

MC-JMS45WT



Cover removed



Body

Item Code	Item Name	Magnetic Force	Weight	Box	Carton
140-024-597	MC-JMS45WT	29.4 N	3 kgf	26 g	24 pcs

Features

- Magnet has resin cover, giving it high rust resistance and prevents dust intrusion.
- Great solution for areas that may be exposed to water on a regular basis like kitchens and showers.
- Magnetic face can pivot to allow for better contact with counter plate.
- When using in applications that will come into contact with water, please use with the sealed magnetic catch MC-JMP45 (sold separately).

Remarks

Max. temperature: 80°C

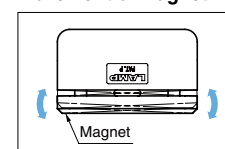
Sold Separately

Counter plate MC-JMP45 (P.272), AS-68, MC-JM49 (P.273)

Recommended Screw

M4 screw, tapping screw nominal 4

Movement of Magnet



No.	Part Name	Material	Finish/Colour
①	Body (Thickness t=1.5)	Stainless Steel (SUS304)	Mirror
②	Cover	Polypropylene (PP)	White
③	Shaft	Stainless Steel (SUS303)	Plain
④	Ring	Rubber (FKM)	Black
⑤	Magnet (MC-JM45WT/above)	Polypropylene (PP) / Neodymium	White

Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-122	MC-JMP45WT	P.272
140-029-241	MC-JMP45BL	P.272
140-050-138	AS-68	P.273
140-050-149	MC-JM49	P.273

SEALED MAGNETIC CATCH

MC-MS50



MC-MS50LGR

MC-MS50DGR

Features

- Magnetic catch is hermetically sealed in silicone rubber, reducing any noise from contact with magnet.
- Compact profile with strong magnetic force due to neodymium magnet.
- Designed to prevent silicone rubber covering from ripping when fixing into position with screws.
- Is a larger size of MC-MS45 with higher magnetic force.

Remarks

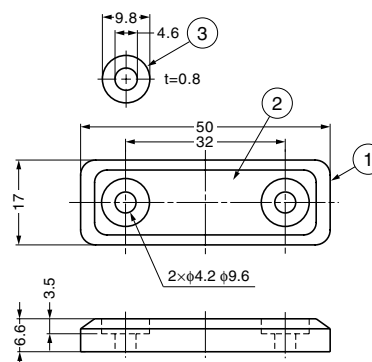
Max. temperature: 80°C

Sold Separately

Counter plate MC-JMP45 (P.272), AS-68, MC-JM49 (P.273)

Recommended Screw

Truss screw M4



Body

Item Code	Item Name	Colour	Magnetic Force	Weight	Box	Carton
140-024-468	MC-MS50LGR	Light Grey	39.2 N	4 kgf	15 g	100 pcs
140-024-469	MC-MS50DGR	Dark Grey	39.2 N	4 kgf	15 g	100 pcs

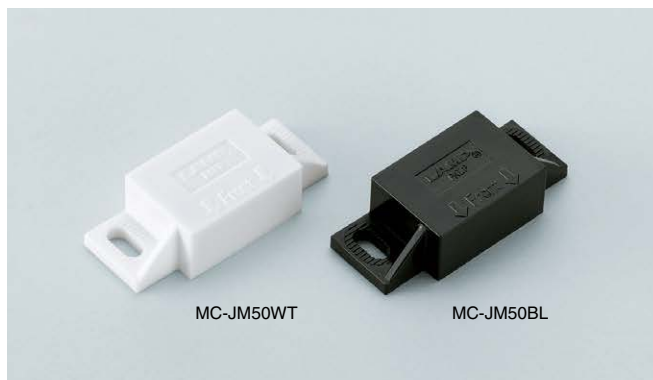
Counter Plate (Sold Separately)

Item Code	Item Name	Page
140-050-122	MC-JMP45WT	P.272
140-029-241	MC-JMP45BL	P.272
140-050-138	AS-68	P.273
140-050-149	MC-JM49	P.273

No.	Part Name	Material	Finish/Colour
①	Body	Silicone Rubber (Q)	Light Grey, Dark Grey
②	Magnet	Neodymium	Nickel
③	Plate	Stainless Steel (SUS304)	Plain

SEALED MAGNETIC CATCH

MC-JM50



MC-JM50WT

MC-JM50BL

Features

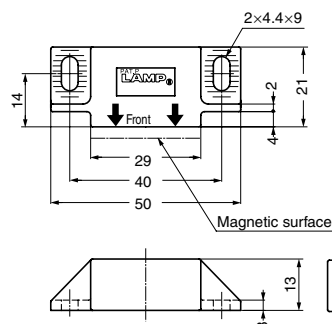
- Resin body prevents rusting.
- Ideal for kitchen or bath equipment by using with the counter plate MC-JMP45 (P.272)

Remarks

Max. temperature: 80°C

Recommended Screw

Nominal 4 tapping screw or M4 screw



Body

Item Code	Item Name	Colour	Magnetic Force N	Magnetic Force kgf	Weight	Box	Carton
140-050-156	MC-JM50WT	White	29.4 N	3 kgf	21 g	24 pcs	480 pcs
140-050-155	MC-JM50BL	Black	29.4 N	3 kgf	21 g	24 pcs	480 pcs

Counter Plate (Sold Separately)

Item Name	Page
MC-JMP45	P.272

MAGNETIC RUBBER SHEET

NMS

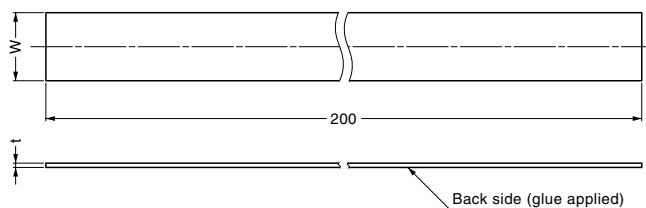


Features

- Easy to cut length by scissors or a cutter.
- Easy to apply with glue.
- Ultra thin but strong magnetic force by using neodymium magnet.
- Weaker magnetic type (KMS) available. Please contact with customer service.

Remarks

- Don't use outside.
- Max. temperature 80°C



Item Code	Item Name	Material	W	t	Magnetic Force N/cm²	Magnetic Force kgf/cm²	Weight	Carton
140-021-209	NMS-1-200	Nitrile Rubber (NBR) / Neodymium	12.7	0.8	3.8 N/cm²	0.39 kgf/cm²	10 g	500 pcs
140-021-210	NMS-2-200		19.1	0.8	3.8 N/cm²	0.39 kgf/cm²	16 g	500 pcs
140-021-211	NMS-3-200		25.4	0.8	3.8 N/cm²	0.39 kgf/cm²	21 g	500 pcs
140-021-212	NMS-4-200		12.7	1.5	5.4 N/cm²	0.55 kgf/cm²	19 g	500 pcs
140-021-213	NMS-5-200		19.1	1.5	5.4 N/cm²	0.55 kgf/cm²	30 g	250 pcs
140-021-214	NMS-6-200		25.4	1.5	5.4 N/cm²	0.55 kgf/cm²	39 g	250 pcs

SEALED COUNTER PLATE

MC-JMP45



Features

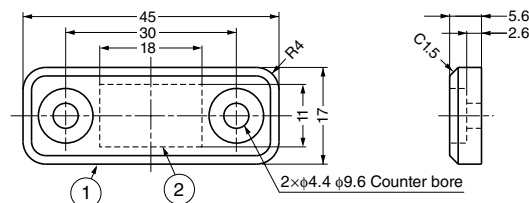
- Magnetic catch hermetically sealed in resin.
- High rust resistance, dust intrusion proof and prevents metal on metal contact.
- Great solution for kitchens, bathing and shower areas.

Recommended Screw

Tapping screw nominal 4 (truss or binding head, made of stainless steel), M4 screw (made of stainless steel).

Optional Magnetic Catch Examples:

- Rubber sealed: MC-MS50 (P.271)
- Ultra thin: MC-YN015S (P.261), MC-YN001 (P.261), MC-158,159 (P.262)
- Plastic sealed: MC-JM45 (P.270), MC-JM50 (P.271), MC-JM63G (P.269)



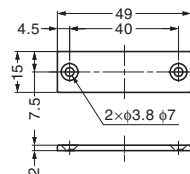
No.	Part Name	Material
①	Body	Polypropylene (PP)
②	Plate	Steel

Item Code	Item Name	Colour	Weight	Box	Carton
140-050-122	MC-JMP45WT	White	7.3 g	100 pcs	1,000 pcs
140-029-241	MC-JMP45BL	Black	7.3 g	100 pcs	1,000 pcs

STAINLESS STEEL COUNTER PLATE

STAINLESS
304
STEEL

MC-JM49



Features

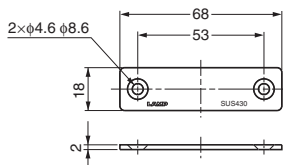
- Plate for MC-JM magnetic catches.
- High corrosion resistance.

Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-050-149	MC-JM49	Stainless Steel (304 Equivalent)	Polished	10 g	100 pcs	1,000 pcs

STAINLESS STEEL COUNTER PLATE

STAINLESS
430
STEEL

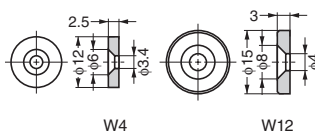
AS-68



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-050-138	AS-68	Stainless Steel (SUS430)	Mirror	17 g	100 pcs	1,000 pcs

COUNTER PLATE

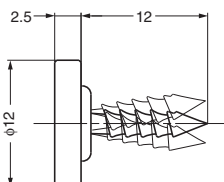
W



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-050-051	W4	Steel	Yellow Zinc Chromate	1.7 g	1,000 pcs	10,000 pcs
140-050-113	W12	Steel	Nickel	3.3 g	600 pcs	3,000 pcs

COUNTER PLATE

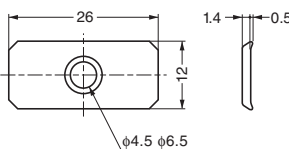
Z4



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-050-110	Z4	Steel	Nickel	2 g	1,000 pcs	4,000 pcs

COUNTER PLATE

SP0207



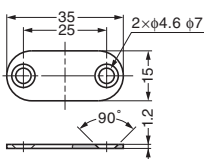
Features

Plate for TC-42, MC-FP5S magnetic catches.

Item Code	Item Name	Material	Finish	Weight	Carton
140-050-323	SP0207	Steel	Clear Zinc Chromate	3.1 g	5,000 pcs

COUNTER PLATE

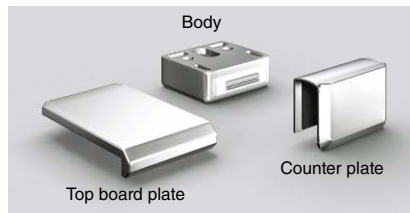
MC-YN001U



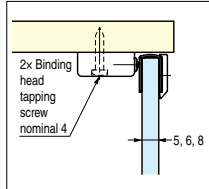
Item Code	Item Name	Material	Finish	Weight	Carton
140-059-555	MC-YN001U	Steel	Nickel	4 g	5,000 pcs
140-038-025	MC-YN001U-BL	Steel (SPCC)	Copper Plating (Black)	4 g	5,000 pcs

MAGNETIC CATCH

XL-GC09-CR

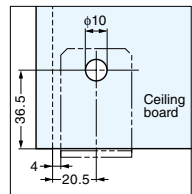


Application Example

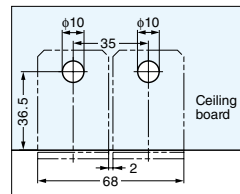
Application
(Wood Panel)

Cut Out Dimensions

Glass Swing Door (Right)



Glass Double Door



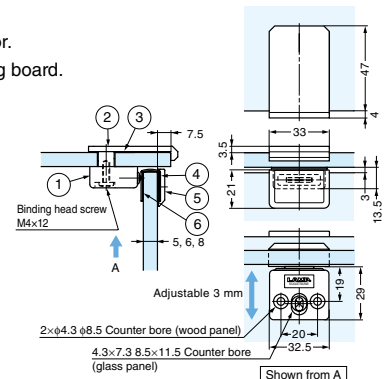
Item Code	Item Name	Glass Thickness	Magnetic Force		Weight	Box	Carton
140-017-556	XL-GC09-CR	5, 6, 8	14.7 N	1.5 kgf	110 g	1 pc	24 pcs

Features

- Magnetic catch for cabinet door.
- Both for glass and wood ceiling board.
- Total cabinet design available with XL-GC01 (P.337), XL-GC02 (P.337) and XL-GC01-CR (P.337)
- Recommended to use with XL-G01-CR, XL-GC02, handles or knobs.

Screw Included

Binding head screw M4x12

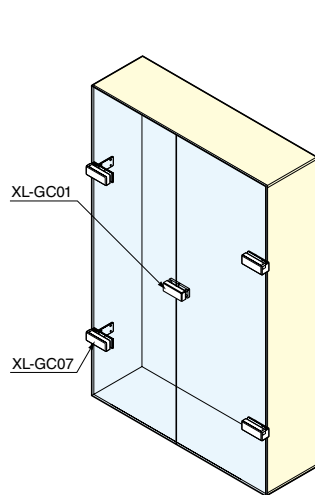


No.	Part Name	Material	Finish/Colour
①	Body	Zinc Alloy (ZDC)	Chrome
②	Top Board Plate	Zinc Alloy (ZDC)	Chrome
③	Spacer	Rubber	Black
④	Strike	Steel	Chrome
⑤	Counter Plate	Zinc Alloy (ZDC)	Chrome
⑥	Gasket	Foam Rubber	Black

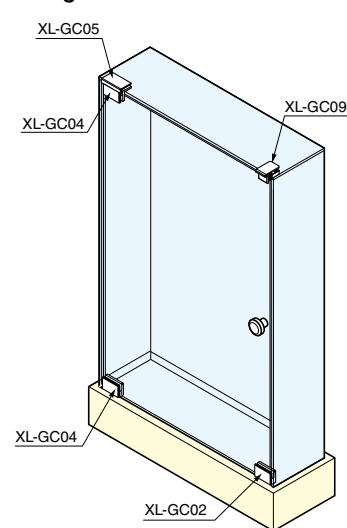
GLASS SHOWCASE HARDWARE SERIES DIGEST

XL-GC

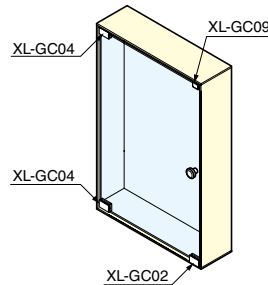
Double Door



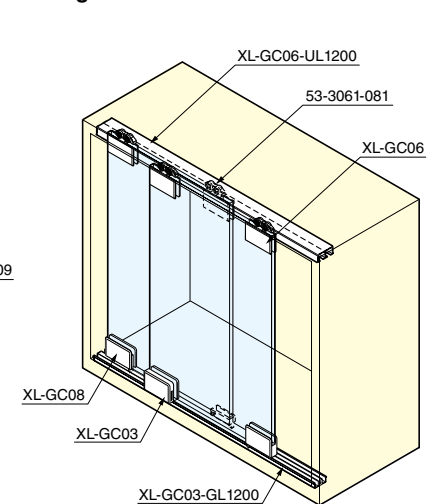
Swing Door



Can be installed on wooden cabinet.



Sliding Door



Locks

Part Name	Item Name		Page
For Double Doors	XL-GC01-CR		
For Swing Doors	XL-GC02-CR		P.337
For Sliding Doors	XL-GC03-CR		

Hinges

Part Name	Item Name		Page
Inset Type	XL-GC04-CR		
Overlay Type	XL-GC07-CR		P.449
Glass Bracket	XL-GC05-CR		

Sliding Door Hardware

Part Name	Item Name		Page
Upper Bracket	XL-GC06-CR		P.642
Bottom Guide Bracket	XL-GC08-CR		
Catch			
Part Name	Item Name		Page
Magnetic Catch	XL-GC09-CR		Above

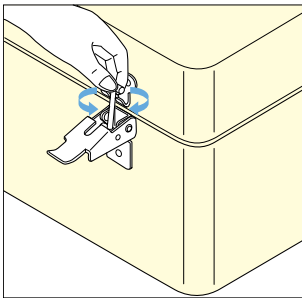
STAINLESS STEEL DRAW LATCH

TEST
METHOD 7STAINLESS
304
STEEL

SCC-TF30



Adjustment

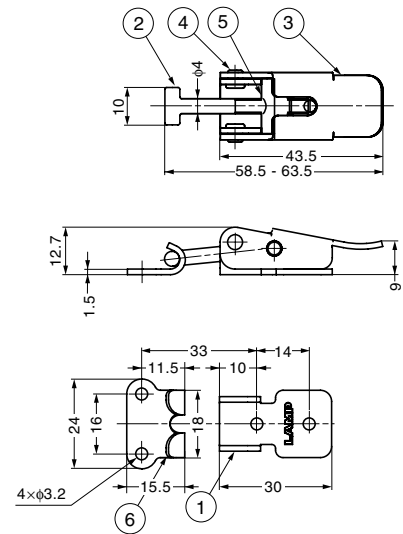


Features

Adjustment shaft can be twisted to adjust length post installation.

Recommended Screw

Pan head screw M3



No.	Part Name	Material	Finish
①	Base	Stainless Steel (SUS304)	Mirror
②	Arm	Stainless Steel	-
③	Lever	Stainless Steel (SUS304)	Mirror
④	Shaft	Stainless Steel (SUS303)	Plain
⑤	Adjustment Shaft	Stainless Steel (SUS303)	Plain
⑥	Counter Plate	Stainless Steel (SUS304)	Mirror

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight	Box	Carton
120-028-716	SCC-TF30	500 N	51 kgf	32 g	100 pcs	400 pcs

STAINLESS STEEL DRAW LATCH

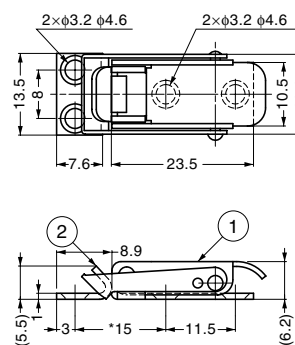
STAINLESS
304
STEEL

SCC-25



Features

- Made entirely out of stainless steel
- When closed, the spring is not visible for a clean and sleek design.
- Built in spring



*Dimension shown is in case of clamping force "0".

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Counter Plate	Stainless Steel (SUS304)	Polished

Item Code	Item Name	Weight	Box	Carton
120-021-949	SCC-25	6 g	100 pcs	1,000 pcs

STAINLESS STEEL COMPRESSION DRAW LATCH

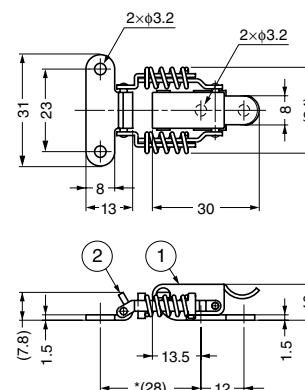
STAINLESS
304
STEEL

SCC-30



Features

- Made entirely out of stainless steel
- Built in spring



*Dimension shown is in case of clamping force "0".

Item Code	Item Name	Weight	Box	Carton
120-040-693	SCC-30	15 g	100 pcs	1,000 pcs

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Counter Plate	Stainless Steel (SUS304)	Polished

STAINLESS STEEL COMPRESSION DRAW LATCH

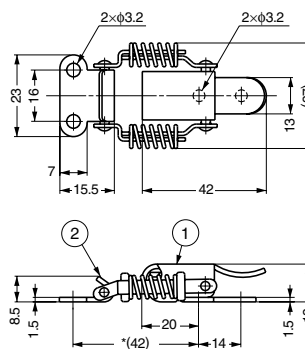
STAINLESS
304
STEEL

SCC-40



Features

- Made entirely out of stainless steel
- Built in spring



*Dimension shown is in case of clamping force "0".

Item Code	Item Name	Weight	Box	Carton
120-043-980	SCC-40	36 g	40 pcs	400 pcs

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Counter Plate	Stainless Steel (SUS304)	Polished

STAINLESS STEEL COMPRESSION DRAW LATCH

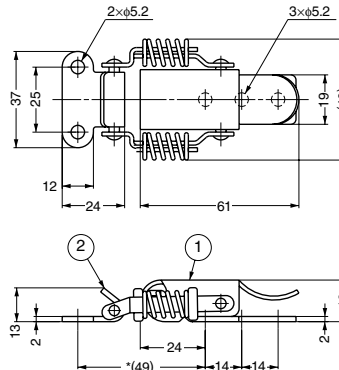
STAINLESS
304
STEEL

SCC-60



Features

- Made entirely out of stainless steel
- Built in spring



*Dimension shown is in case of clamping force "0".

Item Code	Item Name	Weight	Box	Carton
120-043-981	SCC-60	75 g	20 pcs	200 pcs

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Counter Plate	Stainless Steel (SUS304)	Polished

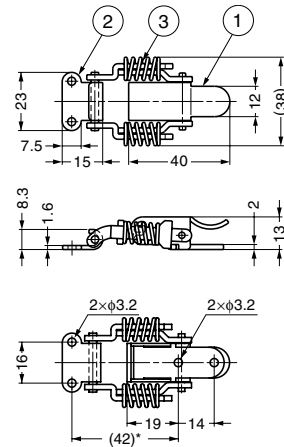
COMPRESSION DRAW LATCH

SCCA-40



Features

Built in spring



*Dimension shown is in case of clamping force "0".

Item Code	Item Name	Weight	Carton
120-049-179	SCCA-40	38 g	200 pcs

No.	Part Name	Material	Finish
①	Body	Steel	Clear Zinc Chromate
②	Counter Plate	Steel	Clear Zinc Chromate
③	Spring	Steel	-

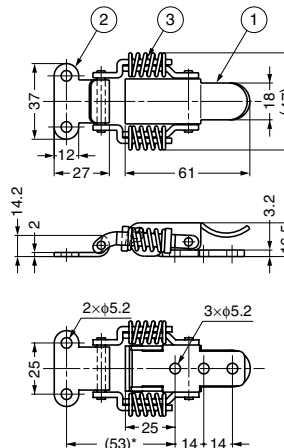
COMPRESSION DRAW LATCH

SCCA-60



Features

Built in spring



*Dimension shown is in case of clamping force "0".

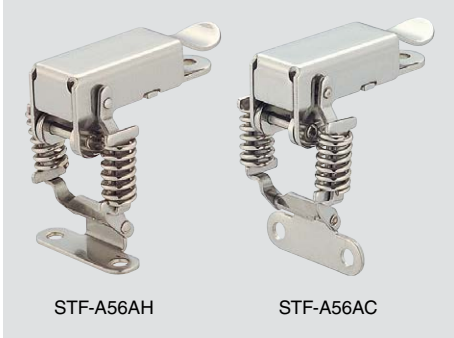
Item Code	Item Name	Weight	Carton
120-049-303	SCCA-60	102 g	100 pcs

No.	Part Name	Material	Finish
①	Body	Steel	Clear Zinc Chromate
②	Counter Plate	Steel	Clear Zinc Chromate
③	Spring	Steel	-

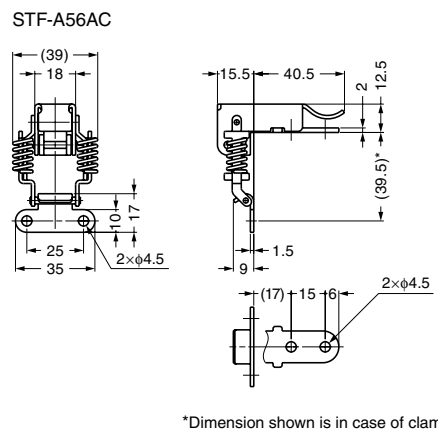
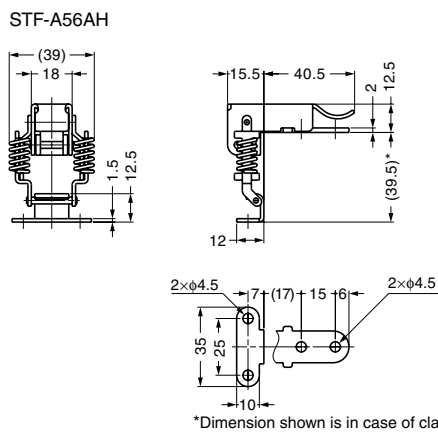
CORNER FASTENER

STAINLESS
304
STEEL

STF-A56



- Features**
- Latch mounts on corner to draw perpendicular surfaces together.
 - Designed to allow front operation.
 - Available in two different counter plate styles.
 - Provides constant holding tension for secure latching.



Item Code	Item Name	Material	Finish	Weight
120-040-480	STF-A56AH	Stainless Steel (SUS304)	Mirror	57 g

Item Code	Item Name	Material	Finish	Weight
120-040-479	STF-A56AC	Stainless Steel (SUS304)	Mirror	56 g

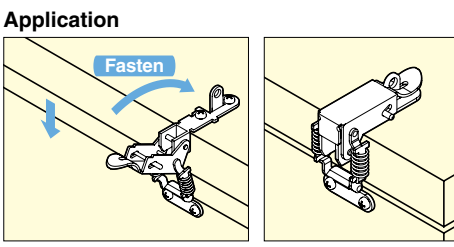
CORNER FASTENER (W/ LOCK)

STAINLESS
304
STEEL

STF-C64

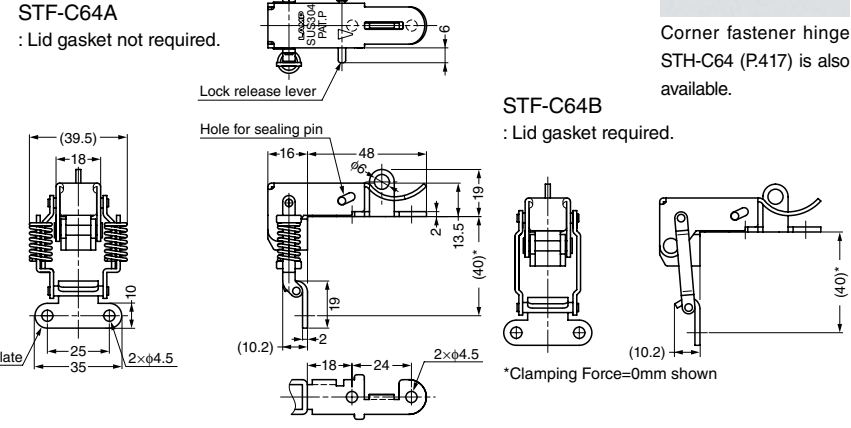


- Features**
- Latch mounts on corner to draw perpendicular surfaces together.
 - Designed to allow front operation.
 - Padlock and secondary catch options.
 - Pull lever and lift latch to open.
 - Available with or without spring.
- Sold Separately**
- Sealing pin 502-7SS, 502-9SS, 613-9SS (P.280)
 - Optional counter plate 01-613SS, 02-613SS, 07-613SS (P.280)



STF-C64A Dimensions and Clamping Force

Clamping Margin mm	Clamping Force N	Clamping Force kgf
1	15	1.5
2	30	3.1
3	45	4.6
4	60	6.1



Item Code	Item Name	Type	Door Thickness	Load Capacity	Material	Finish	Weight	Box	Carton
120-042-200	STF-C64A	With Spring	14 - 28	330N 34kgf	Stainless Steel (SUS304)	Mirror	66.5 g	15 pcs	210 pcs
120-042-201	STF-C64B	Without Spring	14 - 28	330N 34kgf	Stainless Steel (SUS304)	Mirror	60 g	15 pcs	210 pcs

STAINLESS STEEL COMPRESSION LATCH

TEST
METHOD 7TEST
METHOD 17STAINLESS
304
STEEL

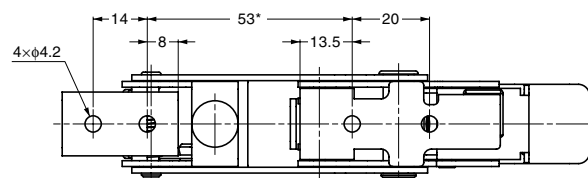
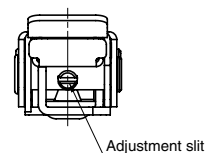
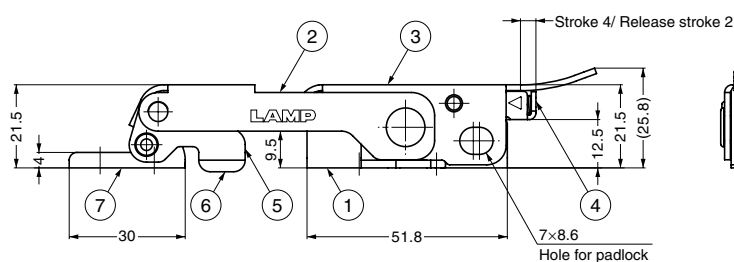
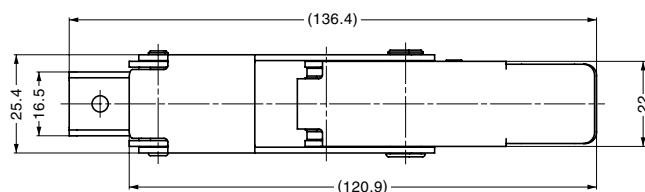
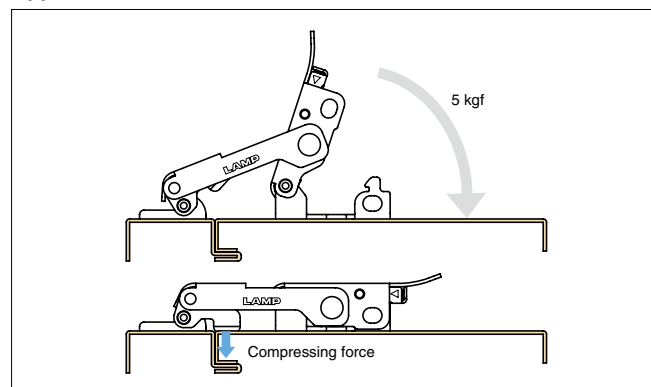
STF-CP140



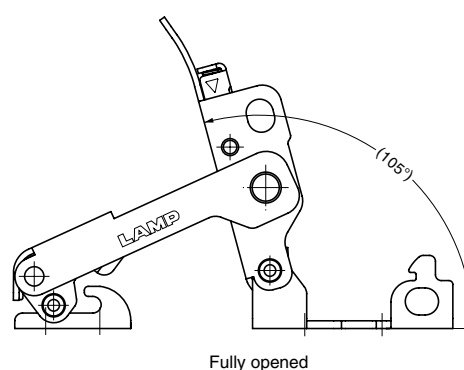
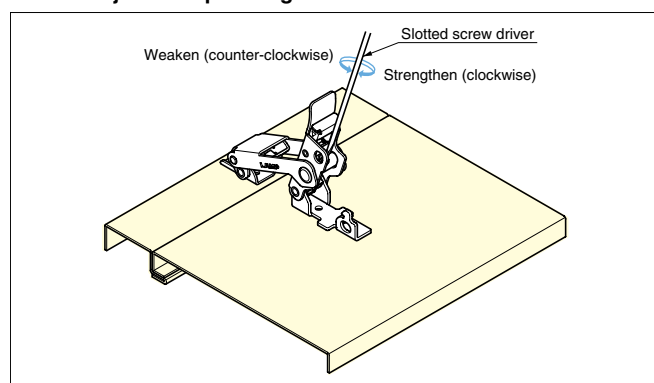
Features

- Can put vertical downward force.
- Compression force is adjustable post-installation
- Safety lock automatically locks to prevent unintentional opening
- Push safety button to release the lock.
- Can be used with Padlock PWL (P.354).

Application



How to Adjust Compressing Force



No.	Part Name	Material	Finish/Colour
①	Base	Stainless Steel (SUS304)	Mirror
②	Arm	Stainless Steel (SUS304)	Mirror
③	Lever	Stainless Steel (SUS304)	Mirror
④	Safety Button	Stainless Steel (SUS304)	Mirror
⑤	Compression Arm	Stainless Steel (SUS304)	Mirror
⑥	Rubber	Ethylene Propylene Rubber (EPDM)	Black
⑦	Counter Plate	Stainless Steel (SUS304)	Mirror

Item Code	Item Name	Compressing Force	Load Capacity N	Load Capacity kgf	Weight	Box	Carton
120-025-504	STF-CP140	245 N 25 kgf	600 N	61 kgf	130 g	10 pcs	80 pcs

*In case of the lever operation force in 5kgf

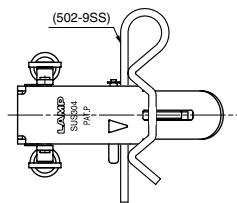
Optional Pins & Counter Plate for STF-C64A, STF-C64B

Sealing Pin

Features

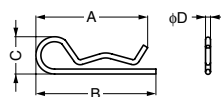
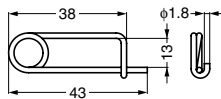
Prevents accidental unlock.

Material	Finish
Stainless Steel (SUS304)	Plain



Item Code	Item Name
120-041-822	502-7SS

Item Code	Item Name	A	B	C	D
120-041-823	502-9SS	63	66	18	2.6
120-041-825	613-9SS	55	59	15	2.3



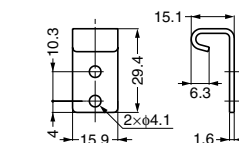
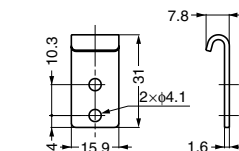
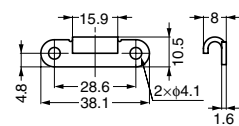
Counter Plate

Material	Finish
Stainless Steel (SUS304)	Polished

Item Code	Item Name
120-040-415	01-613SS

Item Code	Item Name
120-040-421	02-613SS

Item Code	Item Name
120-040-452	07-613SS

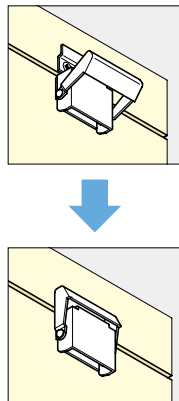


STAINLESS STEEL DRAW LATCH

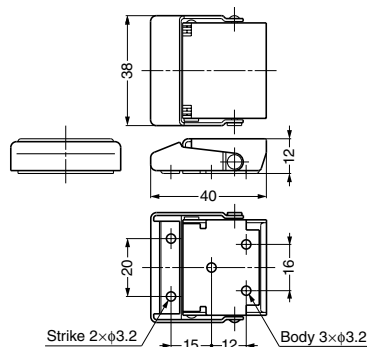
TEST METHOD 8

STAINLESS 304 STEEL

STF40



Recommended Screw
M3



Item Code	Item Name	Material	Finish	Tension Force N	Tension Force kgf	Weight	Box	Carton
120-044-025	STF40	Stainless Steel (SUS304)	Polished	49 N	5 kgf	30 g	30 pcs	300 pcs

STAINLESS STEEL DRAW LATCH (SPRING LOADED)

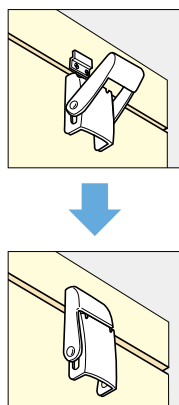
TEST METHOD 7

TEST METHOD 8

TEST METHOD 17

STAINLESS 304 STEEL

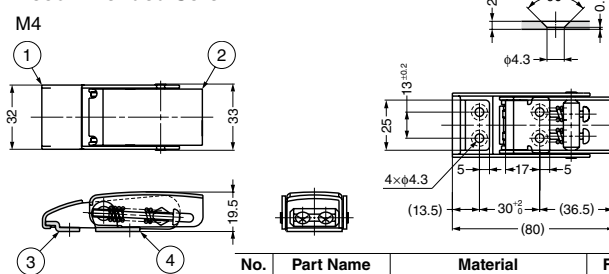
STF80



Features

- Spring loaded latch provides constant holding tension for secure latching.
- Resistant to vibration.

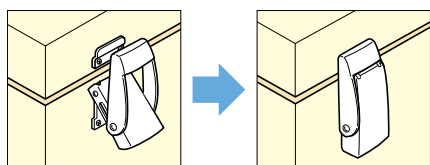
Recommended Screw
M4



No.	Part Name	Material	Finish
①	BodyA	Stainless Steel (SUS304)	Satin
②	BodyB	Stainless Steel (SUS304)	Satin
③	Counter Plate	Stainless Steel (SUS304)	Satin
④	Mounting Plate	Stainless Steel (SUS304)	Polished

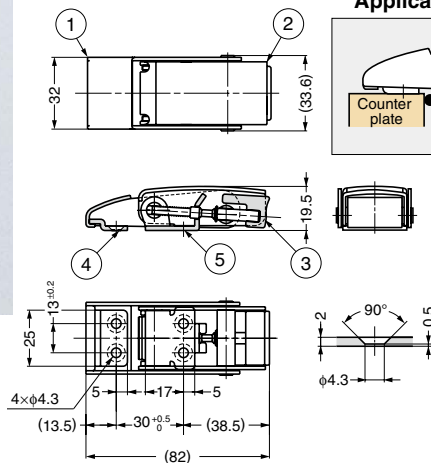
Item Code	Item Name	Tension Force N	Tension Force kgf	Load Capacity N	Load Capacity kgf	Weight	Box	Carton
120-914-490	STF80	58.8 N	6 kgf	784 N	80 kgf	110 g	12 pcs	180 pcs

STF82L



M4

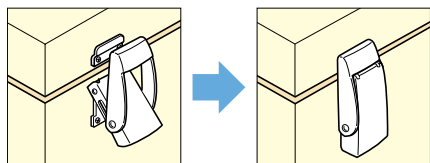
Diagram illustrating the correct mounting of a sensor on a wall. The sensor is mounted on a 'Mounting plate' which is secured to the wall with a screw. A 'Counter plate' is shown on the left, which is not the correct mounting method.



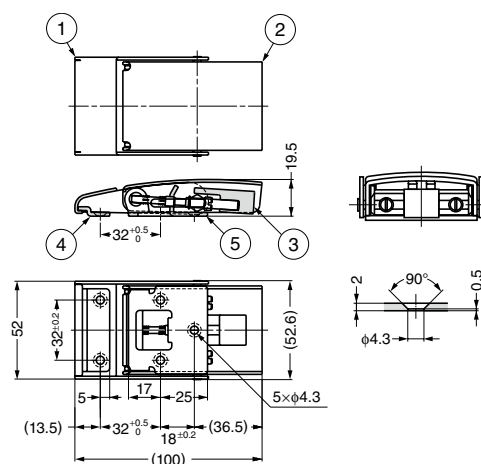
No.	Part Name	Material	Finish/Colour
①	BodyA	Stainless Steel (SUS304)	Satin
②	BodyB	Stainless Steel (SUS304)	Satin
③	Release Button	Nitrile Rubber (NBR)	Black
④	Counter Plate	Stainless Steel (SUS304)	Satin
⑤	Mounting Plate	Stainless Steel (SUS304)	Polished

Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight	Box	Carton
120-913-101	STF82L	784 N	80 kgf	111 g	12 pcs	180 pcs

STF100



M4



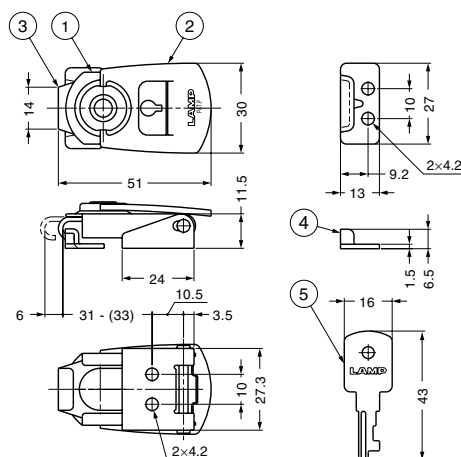
No.	Part Name	Material	Finish/Colour
①	BodyA	Stainless Steel (SUS304)	Satin
②	BodyB	Stainless Steel (SUS304)	Satin
③	Release Button	Nitrile Rubber (NBR)	Black
④	Counter Plate	Stainless Steel (SUS304)	Satin
⑤	Mounting Plate	Stainless Steel (SUS304)	Polished

Item Code	Item Name	Tension Force N	Tension Force kgf	Load Capacity N	Load Capacity kgf	Weight	Box	Carton
120-044-024	STF100	137.2 N	14 kgf	784 N	80 kgf	190 g	6 pcs	120 pcs

STAINLESS STEEL DRAW LATCH

TEST
METHOD 7TEST
METHOD 17STAINLESS
304
STEEL

PN-51



Features

High corrosion resistance.

Remarks

Key changes are not available.

No.	Part Name	Material	Finish
①, ②	Body, Lever	Stainless Steel (SUS304)	Plain
③	Hook	Stainless Steel (SUS304)	Plain
④	Counter Plate	Stainless Steel (SUS304)	Plain
⑤	Key	Steel	Nickel

Item Code	Item Name	Load Capacity		Weight	Box	Carton
120-040-489	PN-51	686 N	70 kgf	50 g	40 pcs	240 pcs

FLUSH SLAM LATCH

L=R

STAINLESS

LJ-61



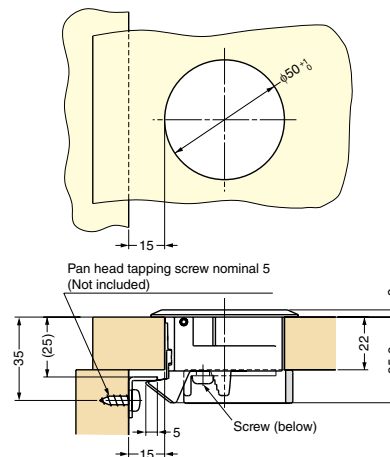
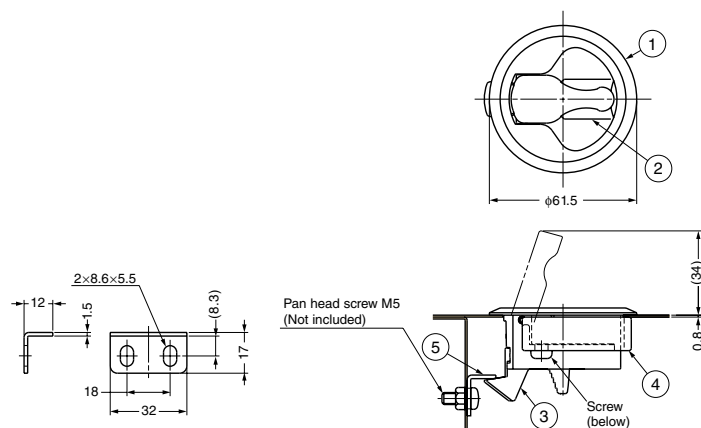
Features

- Door will be latched when closed.
- Pull lever to open.
- Non-Handed: Can be installed on left or right side.
- All components are plastic, 304 or 316 stainless steel to provide high corrosion resistance.
- Easy installation. Insert the latch body through cut out section and simply screw-on the back plate.
- Back plate is designed to accommodate door thickness 0.8 mm - 12 mm, and also 12.5 mm - 22 mm by flipping over.
- Can be released from inside.

Parts Included

- Pan head screw M5x12 (SUS316)
- Pan head screw M5x18 (SUS316)

Cut Out Dimensions



Screws

Counter plate

Type A

Type B

Type	Door Thickness	Screw
Type A	0.8 - 7.5	Pan Head Tapping Screw M5x12
Type A	8 - 12	Pan Head Tapping Screw M5x18
Type B	12.5 - 18.5	Pan Head Tapping Screw M5x12
Type B	19 - 22	Pan Head Tapping Screw M5x18

No.	Part Name	Material	Finish/Colour
①	Body	Polycarbonate	Black, White
②	Lever	Polycarbonate	Black, White
③	Latch	Polyacetal (POM)	Black, White
④	Back Plate	Polycarbonate	Black, White
⑤	Counter Plate	Stainless Steel (SUS316)	Mirror

Item Code	Item Name	Colour	Retaining Force		Weight	Box	Carton
140-050-031	LJ-61-BL	Black	147 N	15 kgf	60 g	10 pcs	120 pcs
140-059-200	LJ-61-WT	White	147 N	15 kgf	60 g	10 pcs	120 pcs

FLUSH SLAM LATCH


LC-48

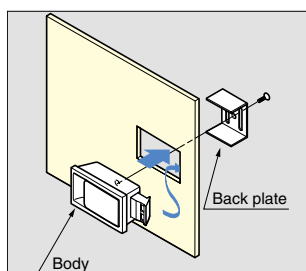

Features

- Door will be latched when closed.
- Pull paddle handle to open.
- UL-94 V0 rated flame retardant material.
- Non-Handed: Can be installed on left or right side.
- Easy installation. Insert the latch body through cut out section and simply screw-on the back plate.

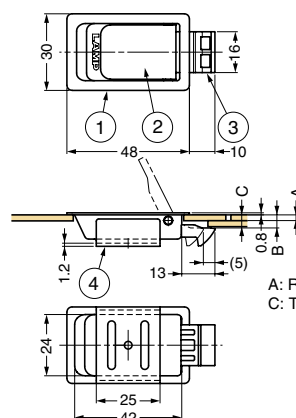
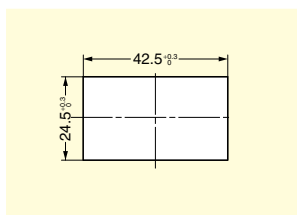
Parts Included

Pan head screw M4×10 (SUS)

Installation



Cut Out Dimensions



A: Recommended panel thickness.
C: Total thickness of the board

Item Code	Item Name	A	B	C	Weight	Box	Carton
140-021-199	LC-48-3	1 - 1.6	3.5	3.2	35 g	40 pcs	400 pcs
140-021-200	LC-48-5	1 - 2.3	5.1	4.6	35 g	40 pcs	400 pcs

No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Polished
②	Handle	Stainless Steel (SUS304)	Polished
③	Latch Bolt	PBT	White
④	Back Plate	Stainless Steel (SUS304)	Polished

FLUSH SLAM LATCH


LC-65A

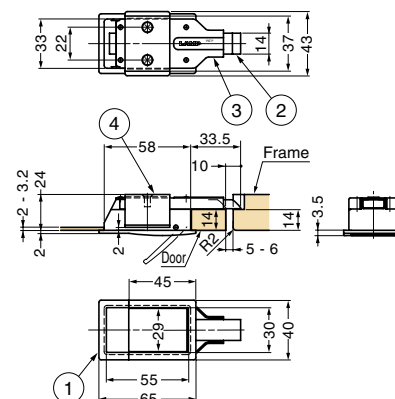
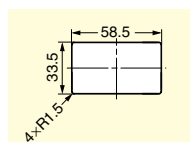

Features

- Door will be latched when closed.
- Pull paddle handle to open.
- Non-Handed: Can be installed on left or right side.
- Easy installation. Insert the latch body through cut out section and simply screw-on the back plate.
- Latching margin : 5 mm

Parts Included

Pan head screw M4x8 (SUS)

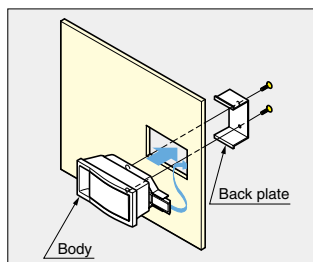
Cut Out Dimensions



Application Example



Installation



Item Code	Item Name	Door Thickness	Weight	Box	Carton
140-050-206	LC-65A	2 - 3.2	108 g	10 pcs	100 pcs

No.	Part Name	Material	Finish
①	Body	Aluminium Alloy	Silver
②	Latch Bolt	Polyacetal (POM)	White
③	Cover	Stainless Steel (SUS304)	Polished
④	Back Plate	Stainless Steel (SUS304)	Polished

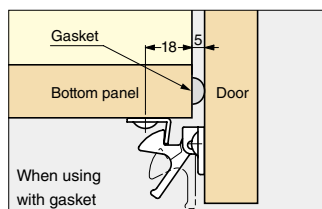
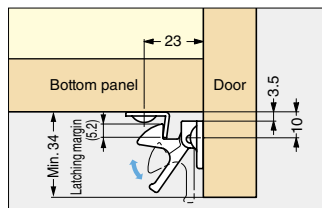
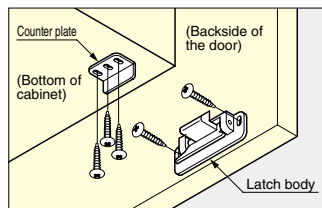
STAINLESS STEEL LEVER LATCH



LL-66S



Cut Out Dimensions

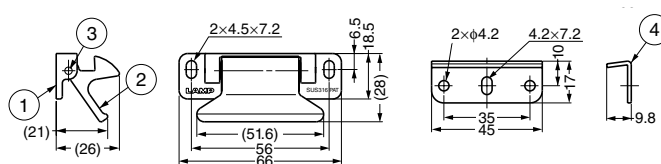


Features

- Made entirely out of SUS316 or its equivalent. Very high corrosion resistance.
- Heat-resistant
- Can be used on overlay doors or flap doors where the door is longer than the frame's height.
- Removes the need for handles or pulls.
- High resistance to vibrations from movement or from earthquakes.
- Installation position can be adjusted (Body: vertically $\pm 1.5\text{mm}$. Counter plate: horizontally $\pm 1.5\text{mm}$)
- Can be used in exterior applications.

Parts Included

Truss head tapping screw 4x12 (SUS)



No.	Part Name	Material	Finish
①	Latch Body	Stainless Steel (SCS14)	Mirror
②	Lever	Stainless Steel (SCS14)	Mirror
③	Shaft	Stainless Steel (SUS316)	Plain
④	Counter Plate	Stainless Steel (SUS316)	Mirror

*SCS14 is equivalent of SUS316.

Item Code	Item Name	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-051-030	LL-66S	196 N	20 kgf	85 g	20 pcs	100 pcs

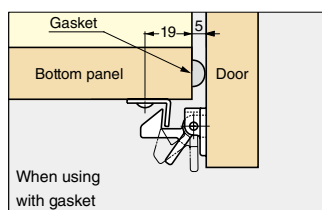
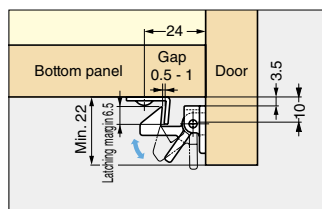
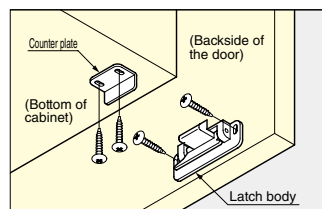
LEVER LATCH



LL-66



Cut Out Dimensions



Features

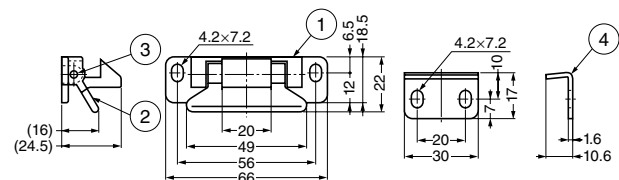
- Chrome finish has been newly added
- Can be used on overlay doors or flap doors where the door is longer than the frame's height.
- Removes the need for handles or pulls.
- High resistance to vibrations from movement or from earthquakes.
- Installation position can be adjusted (Body: vertically $\pm 1.5\text{mm}$. Counter plate: horizontally $\pm 1.5\text{mm}$)
- LL-66GR is made from UL94-0 rated flame retardant material.

Remarks

Chrome plated version will be available from summer in 2016.

Parts Included

Truss head tapping screw 4x12



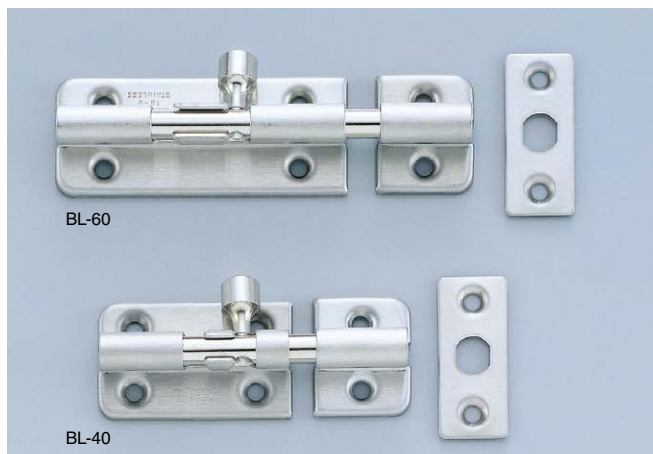
No.	Part Name	Material	Finish/Colour
①	Latch Body	Polyamide (PA)	White, Brown, Grey
②	Lever	Polyamide (PA)	White, Brown, Grey
③	Shaft	Steel	Yellow Zinc Chromate
④	Counter Plate	Steel	Nickel

Item Code	Item Name	Type	Colour	Retaining Force N	Retaining Force kgf	Weight	Box	Carton
140-051-028	LL-66BR	—	Brown	196 N	20 kgf	25 g	30 pcs	300 pcs
140-051-027	LL-66WT	—	White	196 N	20 kgf	25 g	30 pcs	300 pcs
140-036-236	LL-66CR	—	Chrome Plating	196 N	20 kgf	26 g	30 pcs	300 pcs
140-051-029	LL-66GR	Fire Proof Type	Grey	196 N	20 kgf	25 g	30 pcs	300 pcs

BARREL BOLT



BL

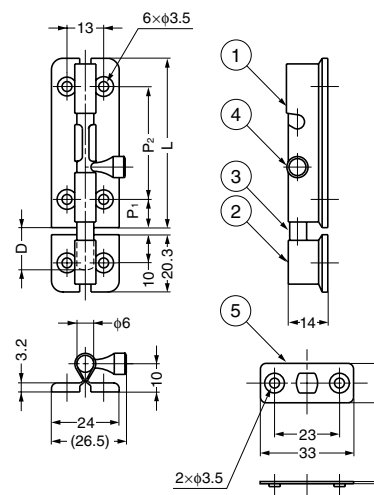


Features

- Ideal for harsh and high corrosion environments.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 2.7×16 (SUS)



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Brass	Nickel
④	Knob	Brass	Nickel
⑤	Counter Plate	Stainless Steel (SUS304)	Satin

Item Code	Item Name	L	P ₁	P ₂	D	Weight	Box	Carton
140-050-247	BL-40	40	7.5	25	11	36 g	30 pcs	450 pcs
140-051-053	BL-60	60	10	40	15	50 g	30 pcs	450 pcs

SPRING LOADED BARREL BOLT



BL-S

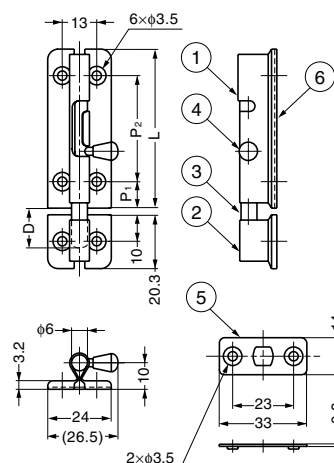


Features

- Ideal for harsh and high corrosion environments.
- Knob springs back into sleeve to keep bolt in locked or unlocked position.
- Can be installed vertically or horizontally.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 2.7×16 (SUS)



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Stainless Steel (SUS303)	Plain
④	Knob	Stainless Steel (SUS303)	Plain
⑤	Counter Plate	Stainless Steel (SUS304)	Satin
⑥	Plate	Stainless Steel (SUS304)	Polished

Item Code	Item Name	L	P ₁	P ₂	D	Weight	Box	Carton
140-050-245	BL-40S	40	7.5	25	11	36 g	30 pcs	450 pcs
140-050-246	BL-60S	60	10	40	15	50 g	30 pcs	450 pcs

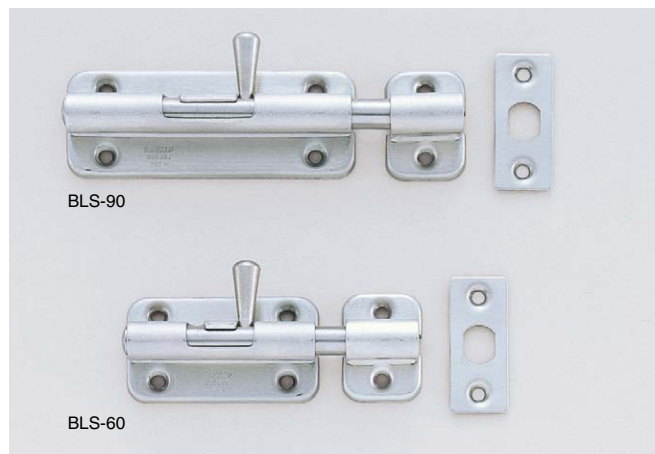
SPRING LOADED BARREL BOLT

L=R

STAINLESS
304
STEEL

STAINLESS

BLS



BLS-90

BLS-60

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Stainless Steel (SUS303)	-
④	Knob	Stainless Steel (SUS303)	-
⑤	Counter Plate	Stainless Steel (SUS304)	Satin

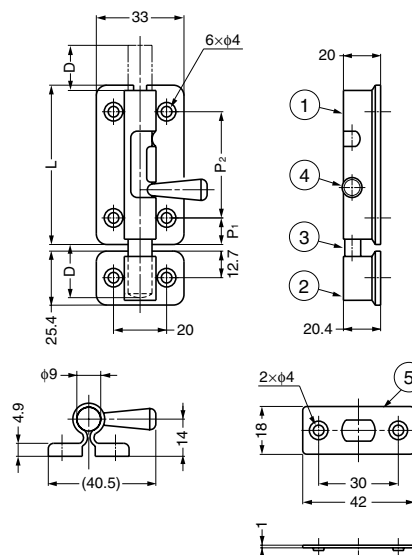
Item Code	Item Name	L	P ₁	P ₂	D	Weight	Box	Carton
140-052-000	BLS-60	60	10	40	17	109 g	20 pcs	200 pcs
140-052-001	BLS-90	90	12.5	65	24	147 g	15 pcs	150 pcs

Features

- Ideal for harsh and high corrosion environments.
- Knob springs back into sleeve to keep bolt in locked or unlocked position.
- Can be installed vertically or horizontally.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 3.5×20 (SUS)



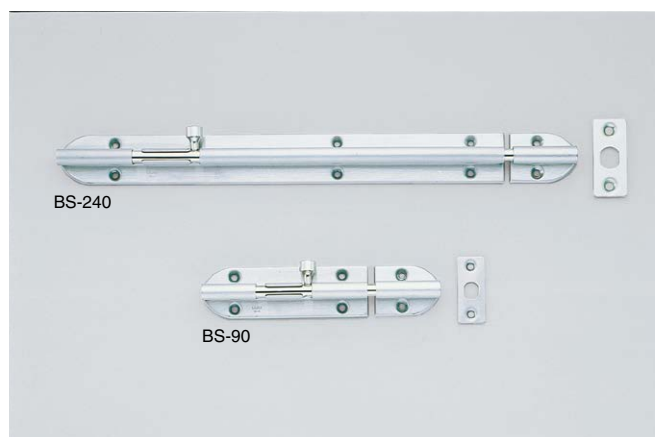
BARREL BOLT

L=R

STAINLESS
304
STEEL

STAINLESS

BS



BS-240

BS-90

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Brass	Nickel
④	Knob	Brass	Nickel
⑤	Counter Plate	Stainless Steel (SUS304)	Satin

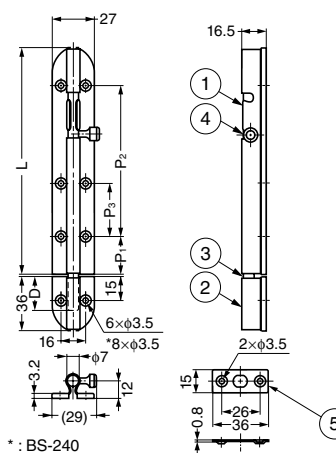
Item Code	Item Name	L	P ₁	P ₂	P ₃	D	Weight	Box	Carton
140-051-050	BS- 90	90	14.5	58	-	24	85 g	30 pcs	300 pcs
140-051-051	BS-150	150	25	100	-	24	125 g	20 pcs	200 pcs
140-051-052	BS-240	240	18.5	192	71	30	190 g	10 pcs	100 pcs

Features

- Ideal for harsh and high corrosion environments.
- Can be installed vertically or horizontally.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 3.1×16 (SUS)



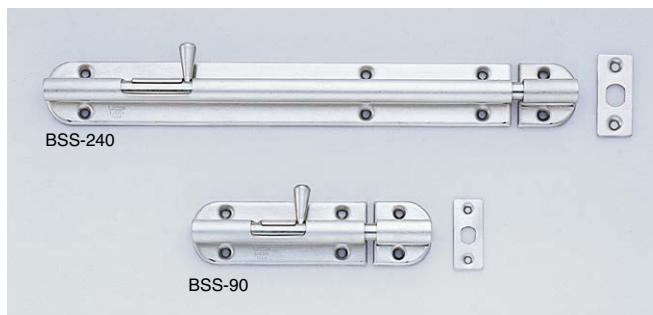
* : BS-240

SPRING LOADED BARREL BOLT

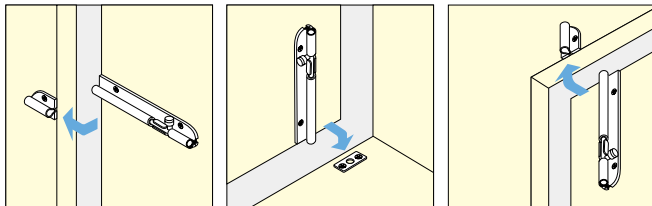
L=R

STAINLESS
304
STEELY
STAINLESS

BSS



Application Example



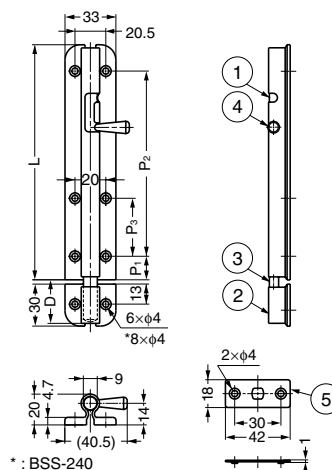
No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Stainless Steel (SUS303)	-
④	Knob	Stainless Steel (SUS303)	-
⑤	Counter Plate	Stainless Steel (SUS304)	Satin

Features

- Ideal for harsh and high corrosion environments.
- Knob springs back into sleeve to keep bolt in locked or unlocked position.
- Can be installed vertically or horizontally.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 3.1×20 (SUS)



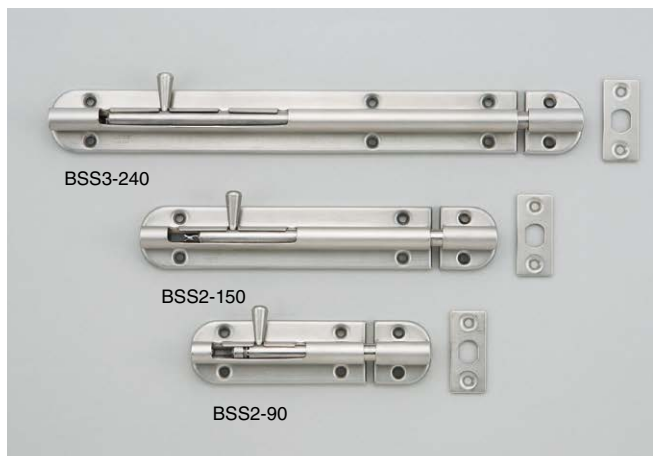
Item Code	Item Name	L	P ₁	P ₂	P ₃	D	Weight	Box	Carton
140-052-002	BSS- 90	90	13	60	-	24	142 g	15 pcs	150 pcs
140-052-003	BSS-150	150	15	115	-	32	215 g	10 pcs	100 pcs
140-052-004	BSS-240	240	15	205	60	32	330 g	6 pcs	60 pcs

SPRING LOADED BARREL BOLT

L=R

STAINLESS
304
STEELY
STAINLESS

BSS2, BSS3



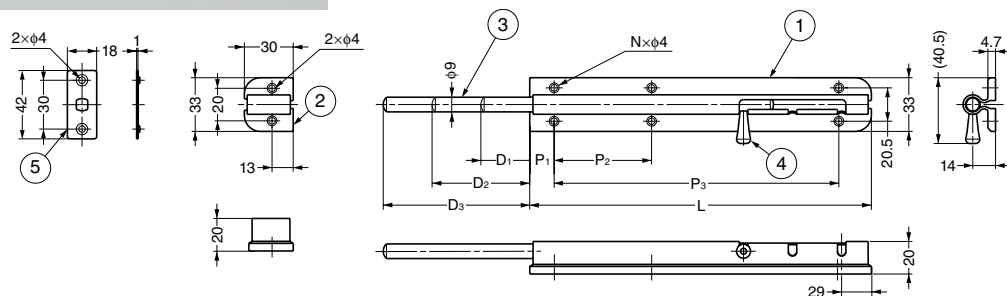
Features

- Extra sleeve for locking offers flexibility in application.
- Ideal for harsh and high corrosion environments.
- Knob springs back into sleeve to keep bolt in locked or unlocked position.
- Can be installed vertically or horizontally.
- 2 counter plates included for different mountings.

Parts Included

Countersunk head wood screw 3.5×20 (SUS)

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Strike	Stainless Steel (SUS304)	Satin
③	Bar	Stainless Steel (SUS303)	-
④	Knob	Stainless Steel (SUS303)	-
⑤	Counter Plate	Stainless Steel (SUS304)	Satin



Item Code	Item Name	L	L ₂	P ₁	P ₂	P ₃	D ₁	D ₂	D ₃	N	Weight	Box	Carton
140-050-042	BSS2- 90	90	14	13	-	60	21	42	-	4	140 g	15 pcs	150 pcs
140-050-041	BSS2-150	150	18	15	-	115	30	60	-	4	212 g	10 pcs	100 pcs
140-050-043	BSS3-240	240	-	15	60	205	30	60	90	6	320 g	6 pcs	60 pcs

STAINLESS STEEL HASP (W/LATCH)

L=R

STAINLESS
304
STEELY
STAINLESS

HP-AK



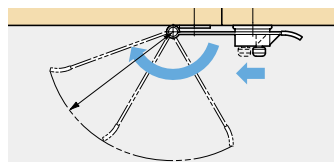
Material	Finish
Stainless Steel (SUS304)	Polished

Features

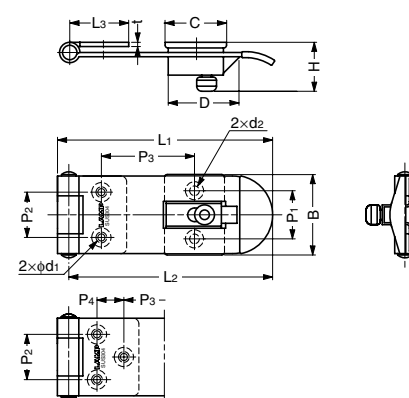
- Snap on the flap to keep latch closed.
- Ideal for harsh and high corrosion environments.
- Plastic cap on end to reduce noise.

Parts Included

Countersunk head wood screw (SUS)



Slide the latch knob to release.



HP-AK75 Counter plate

Item Code	Item Name	L ₁	L ₂	L ₃	B	P ₁	P ₂	P ₃	P ₄	H	C	D	t	d ₁	d ₂	Screw	Weight	Box	Carton
140-180-801	HP-AK50	51	48	13	22.2	13.5	12	19	—	16.6	18	20.5	1.2	3	3.3	2.4×13	22 g	25 pcs	250 pcs
140-180-802	HP-AK65	66	63	19	24.2	13.5	14	28	—	16.6	18	20.5	1.5	3.2	3.3	2.7×16	35 g	20 pcs	200 pcs
140-180-803	HP-AK75	76	72	24.8	27.4	17	16	35	9.5	17.5	21.2	25	1.5	3.8	3.4	2.7×16	48 g	15 pcs	150 pcs

STAINLESS STEEL HASP

L=R

STAINLESS
304
STEELY
STAINLESS

HP



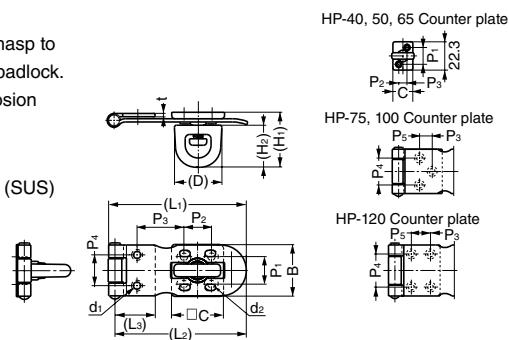
Material	Finish
Stainless Steel (SUS304)	Polished

Features

- Rotating padlock eye allows hasp to stay fastened tight without a padlock.
- Ideal for harsh and high corrosion environments.

Parts Included

Countersunk head wood screw (SUS)



HP-40, 50, 65 Counter plate

HP-75, 100 Counter plate

HP-120 Counter plate

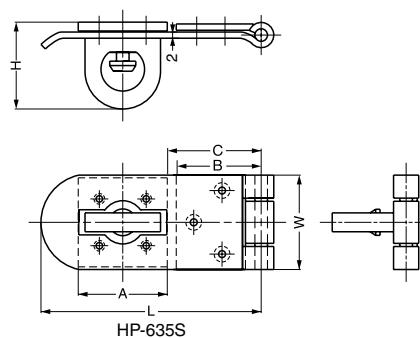
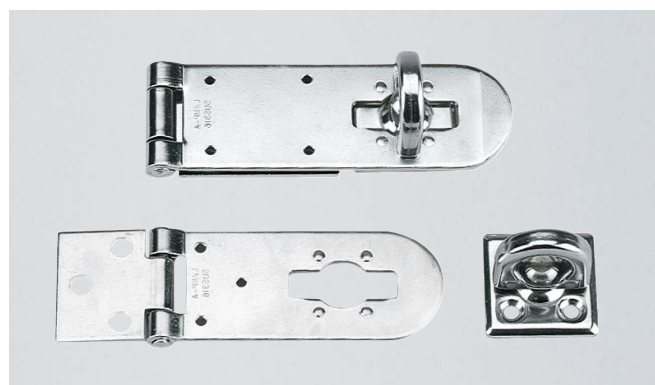
Item Code	Item Name	L ₁	L ₂	L ₃	B	P ₁	P ₂	P ₃	P ₄	P ₅	H ₁	H ₂	C	D	t	d ₁	d ₂	Screw	Weight	Box	Carton
140-050-224	HP- 40	40	37	13	22	13	6.4	10.8	12	—	22	17.9	15.3	17.7	1.2	2×φ3	2×φ3	2.4×13	21.5 g	30 pcs	300 pcs
140-050-225	HP- 50	50	47	13	22.3	13	9	16	12	—	22	17.9	18.3	17.7	1.2	2×φ3	2×φ3	2.4×13	24 g	25 pcs	250 pcs
140-050-226	HP- 65	65	62	19	24	13	13	21.5	14	—	24.5	20.4	24.5	22.5	1.5	2×φ3.2	4×φ3.2	2.7×16	41.5 g	20 pcs	200 pcs
140-050-227	HP- 75	75	72	24.8	27	15	15	15	16	9.5	27.4	22	27.8	23.2	1.5	3×φ3.8	4×φ3.8	2.7×16	51.5 g	15 pcs	150 pcs
140-050-228	HP-100	100	95	30	35.5	19	19	29	21	10	32.2	27.9	35.5	31	2	3×φ4	4×φ4.5	3.5×20	118.5 g	10 pcs	100 pcs
140-050-229	HP-120	120	115	35.5	40	21	21	38	26	15	34.8	27.9	40.5	31	2.5	4×φ5.2	4×φ5.2	3.5×20	172 g	8 pcs	80 pcs

STAINLESS STEEL HASP

L=R

Y
STAINLESSSTAINLESS
316
STEEL

HP-635S, 645S, 660S



HP-635S

Material	Finish
316 Stainless Steel	Polished

Item Code	Item Name	L	W	A	B	C	H	Weight	Box	Carton
210-039-603	HP-635S	89	38	38	33	40	35	130 g	25 pcs	200 pcs
210-039-604	HP-645S	114			57	62		184 g	20 pcs	160 pcs
210-039-605	HP-660S	152	51		70	98		302 g	10 pcs	100 pcs

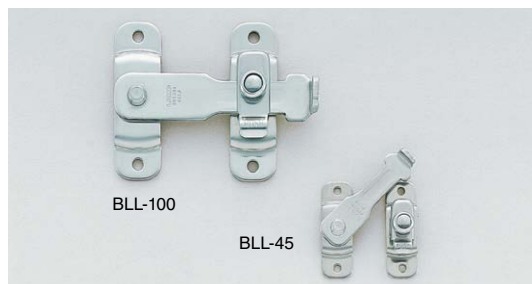
SPRING LOADED BAR LATCH

L=R

STAINLESS
304
STEEL

STAINLESS

BLL



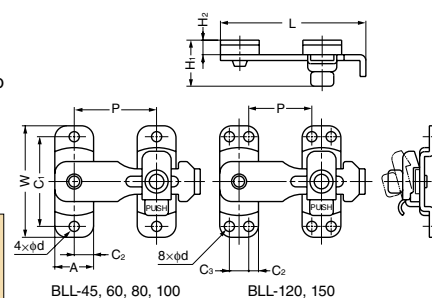
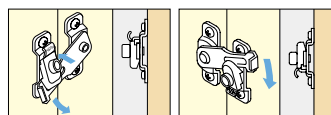
Material	Finish
Stainless Steel (SUS304)	Polished

Features

- Ideal for harsh and high corrosion environments.
- Latch bolt snaps into the strike to prevent accidental release.
- Push tab on strike to release.

Parts Included

Pan head tapping screw (SUS)



Item Code	Item Name	L	W	A	C ₁	C ₂	C ₃	H ₁	H ₂	P	d	Screw	Weight	Box	Carton
140-059-073	BLL- 45	48	40	13	32	6.5	—	17	4.5	23± 3	3.2	3 ×10	28 g	20 pcs	400 pcs
140-059-074	BLL- 60	63	46	16	37	8	—	20	6	34± 4	4.2	3.5×16	50 g	20 pcs	400 pcs
140-059-075	BLL- 80	85	65	20	53	10	—	22.5	7	47± 7	5	4.5×16	100 g	10 pcs	200 pcs
140-059-076	BLL-100	105	80	25	66	12.5	—	26.5	8	59± 7	5.5	5 ×20	182 g	10 pcs	100 pcs
140-059-183	BLL-120	127	100	28.5	80	6.75	15	28	8	56±10	5.2	5 ×20	270 g	8 pcs	80 pcs
140-059-184	BLL-150	155	120	30.5	95	7.25	16	28	8	74±14	5.2	5 ×20	350 g	6 pcs	60 pcs

BAR LATCH

L=R

STAINLESS
304
STEEL

STAINLESS

BLT



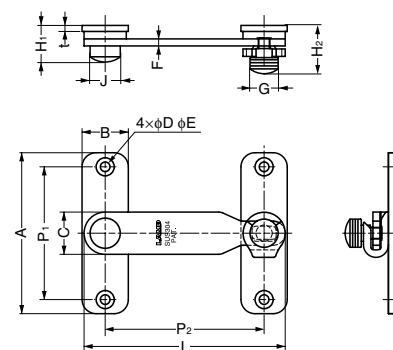
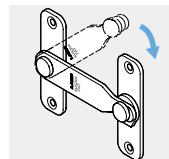
Material	Finish
Stainless Steel (SUS304)	Mirror

Features

- Ideal for harsh and high corrosion environments.
- Mirror finish.
- Thick material used for durability.
- With thumb screw on bar to prevent accidental release.

Parts Included

Countersunk head wood screw (SUS)



Item Code	Item Name	L	P ₁	P ₂	A	B	C	D	E	F	G	H ₁	H ₂	J	t	Screw	Weight	Box	Carton
140-050-252	BLT-45	45	30	33	40	14	12	3.5	6	2	9	12	16	9	2	3.1×20	31 g	20 pcs	400 pcs
140-050-253	BLT-60	60	37	45	48	17	15	3.8	7.5	2.5	10	14.5	17.5	10.8	2	3.1×20	54 g	20 pcs	400 pcs
140-050-254	BLT-80	80	53	62	65	21	18	4.3	8	3	12	17	22	13	3	3.5×20	95 g	10 pcs	200 pcs
140-050-255	BLT-100	100	66	79	80	24	21	4.8	9	4	14	19.8	25.5	15	3	3.8×20	177 g	10 pcs	100 pcs
140-050-256	BLT-120	120	73	98	90	28	24	5.1	10	4	16	22	27.5	18.5	4	4.5×20	243 g	8 pcs	80 pcs

BAR LATCH

L=R

STAINLESS

STAINLESS
304
STEEL

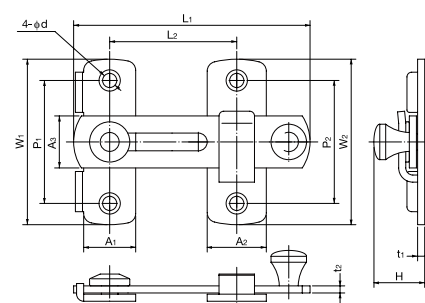
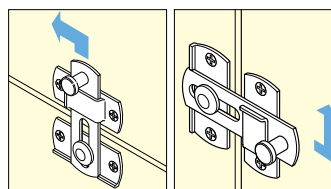
SSL



Material	Finish
304 Stainless Steel	Polished

Features

- Latch can be locked by sliding-in the bar.
- Slide out and lift the bar to release.



Item Code	Item Name	L ₁	L ₂	W ₁	W ₂	A ₁	A ₂	A ₃	P ₁	P ₂	H	t ₁	t ₂	d	Screw	Weight	Box	Carton
140-059-179	SSL- 50	50	20±4	35	35	13	15	13	26	26	14.5	2	2	φ4.2, φ6.2	3x16	32 g	20 pcs	600 pcs
140-059-180	SSL- 70	70	28±6	50	50	18	20	18	37	37	19	2	2.5	φ5.2, φ8	3.5x16	68 g		360 pcs
140-059-176	SSL-100	100	45±15	70	70	22	25	22	52	52	21.5	3	3	φ5.8, φ9	4x25	142 g	10 pcs	160 pcs

GATE LATCH

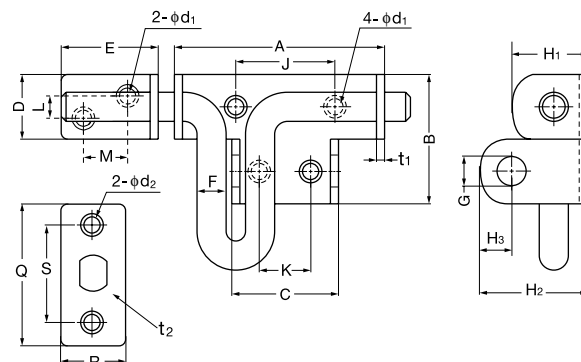


SSG



Features

Gate latch with holes for pad lock. (Padlock not supplied.)



Item Code	Item Name	A	B	C	D	E	F	G	H ₁	H ₂	H ₃
140-059-177	SSG-45	45	28	25	14	21	6	7	16	22	7.5
140-059-178	SSG-65	65	40	33	20	30	9	10	21	29	10.5
140-179-391	SSG-85	85	46	42	26	35	12		28	35	11

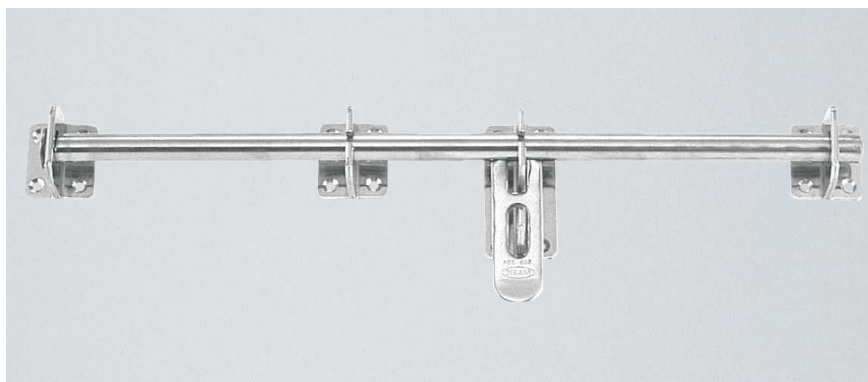
Material	Finish
304 Stainless Steel	Satin

Item Code	Item Name	J	K	L	M	Q	R	S	d ₁	d ₂	t ₁	t ₂	Weight	Box	Carton
140-059-177	SSG-45	22	11	2	8	32	15	22	4.8	4.8	2.0	1.2	65 g	20 pcs	240 pcs
140-059-178	SSG-65	30	14	4	14	40	18	28	5.9	5.9	2.5	1.5	175 g	10 pcs	100 pcs
140-179-391	SSG-85	38	21	8	17	48	22	35	6	5.2	3.0	1.5	400 g	5 pcs	60 pcs

LONG SLIDE BOLT

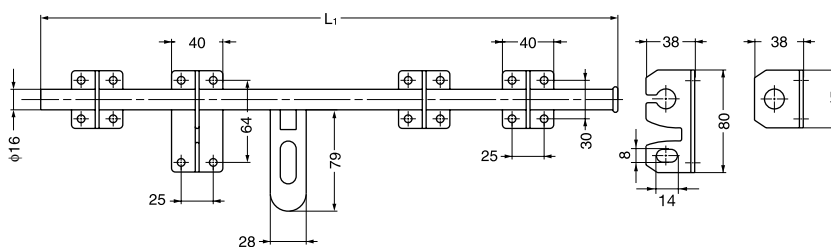


S-550



Features

Long slide bolt with hole for pad lock. (Padlock not supplied.)



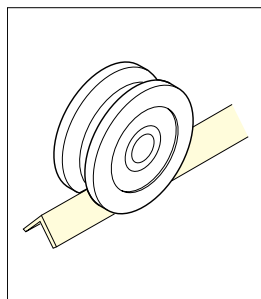
Item Code	Item Name	L ₁	Weight	Box	Carton
270-179-159	S-550-300	300	905 g	2 pcs	40 pcs
270-179-160	S-550-450	450	1105 g		30 pcs
270-179-161	S-550-600	600	1360 g		20 pcs

Material	Finish
304 Stainless Steel	Polished

SLIDING DOOR ROLLER DIGEST (P.765)

V Type

Load Capacity 3430 - 27440 N / 2 pcs (w/ Bracket)



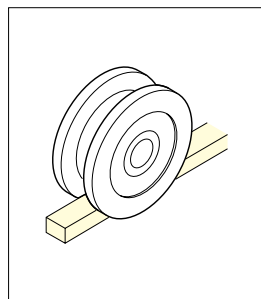
w/ Bracket



w/o Bracket

U Type

Load Capacity 3430 - 27440 N / 2 pcs (w/ Bracket)



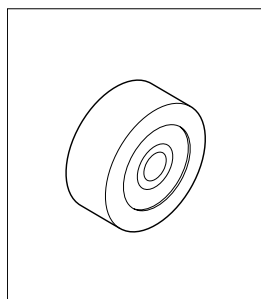
w/ Bracket



w/o Bracket

Flat Type

Load Capacity 3430 - 27440 N / 2 pcs (w/ Bracket)



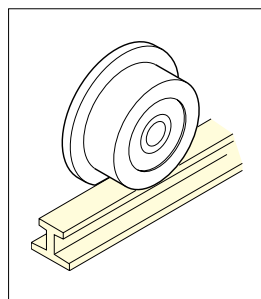
w/ Bracket



w/o Bracket

L Type

Load Capacity 6370 - 27440 N / 2 pcs (w/ Bracket)



w/ Bracket



w/o Bracket

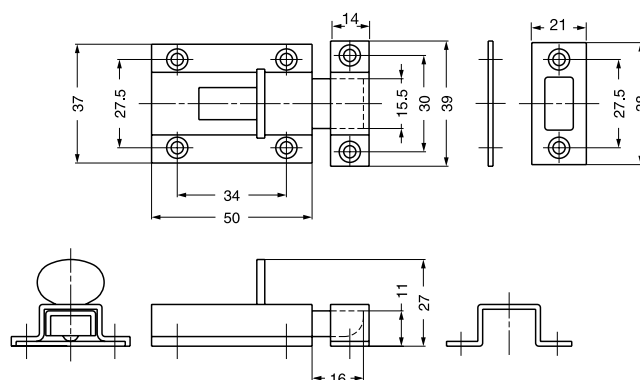
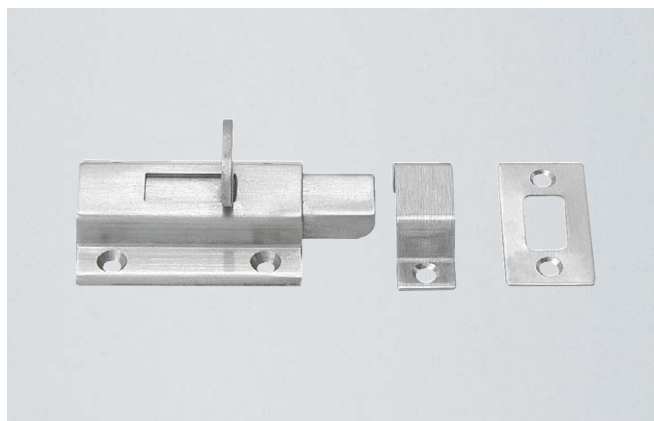
SLIDE BOLT

L=R

STAINLESS

STAINLESS 304 STEEL

KR-50



Item Code	Item Name	Weight	Box	Carton
120-913-942	KR-50	80 g	20 pcs	200 pcs

Material	Finish
304 Stainless Steel	Satin

SLIDE BOLT



FL2

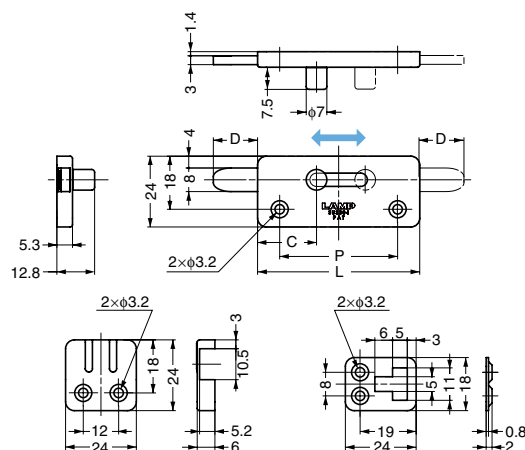


Features

- Ideal for harsh and high corrosion environments.
- Slide the latch knob to release.
- Easy installation, flat and compact design for various application.
- 2 different counter plates included for different mountings.

Parts Included

Countersunk head tapping screw 2.7×16 (SUS)

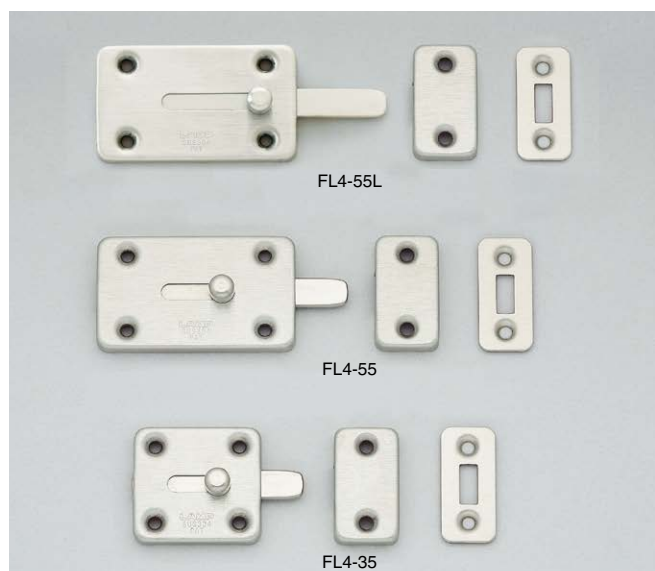


Item Code	Item Name	L	P	C	D	Material	Finish	Weight	Box	Carton
140-180-136	FL2-35	35	21	11.5	12	Stainless Steel (SUS304)	Satin	28 g	30 pcs	300 pcs
140-180-137	FL2-55	55	40	20	15	Stainless Steel (SUS304)	Satin	39 g	30 pcs	300 pcs

SLIDE BOLT



FL4

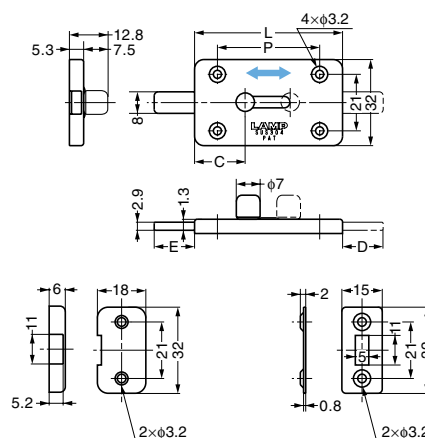


Features

- Ideal for harsh and high corrosion environments.
- Slide the latch knob to release.
- Easy installation, flat and compact design for various application.
- 2 different counter plates included for different mountings.

Parts Included

Countersunk head tapping screw 2.7×16 (SUS)



Item Code	Item Name	L	P	C	D	E	Material	Finish	Weight	Box	Carton
140-180-863	FL4-35	35	23	11.5	12	12	Stainless Steel (SUS304)	Satin	32 g	30 pcs	300 pcs
140-180-864	FL4-55	55	38	20	15	15	Stainless Steel (SUS304)	Satin	47 g	30 pcs	300 pcs
140-012-131	FL4-55L	55	38	20	25	15	Stainless Steel (SUS304)	Satin	47 g	30 pcs	300 pcs

HR35

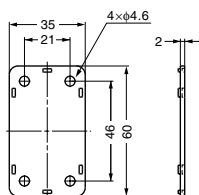
- Ideal for harsh and high corrosion environments.
- Turn the latch knob to open/close.
- Easy installation, flat and compact design for various application.
- 2 different counter plates included for different mountings.

Parts Included

Countersunk wood screw 3.5x20 (SUS)

Sold Separately

Spacer HR35SP-B



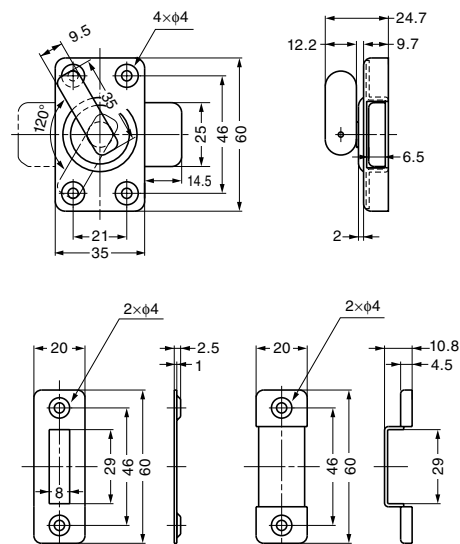
Spacer (Sold separately)

Body

Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-180-135	HR35	Stainless Steel (SUS304)	Satin	108 g	10 pcs	100 pcs

Spacer (Sold Separately)

Item Code	Item Name	Material	Colour	Weight	Box	Carton
140-180-002	HR35SP-B	Polyamide (PA)	Black	5 g	250 pcs	2,500 pcs



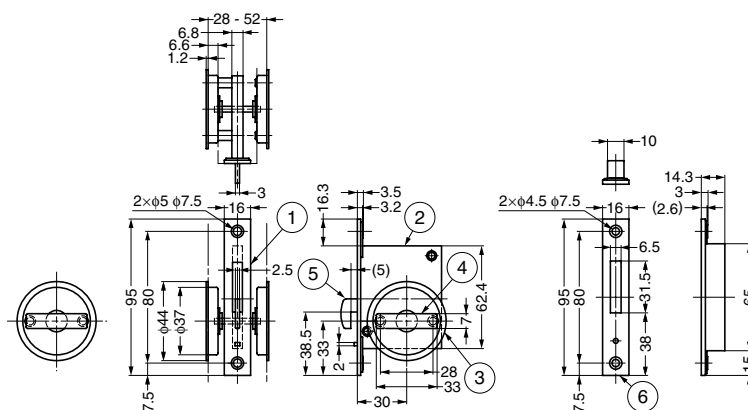
HC-30R



- Ideal for harsh and high corrosion environments.
- Can be locked from both side and prevents unexpected open/close.
- Easy installation, flat and compact design for various application.

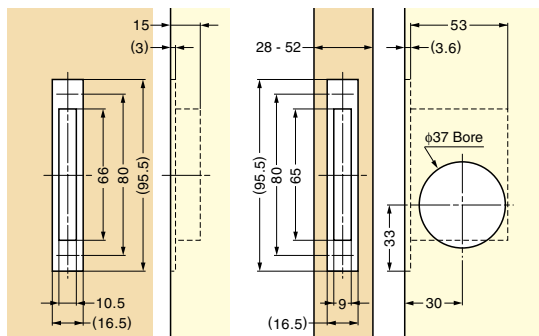
Parts Included

Countersunk head wood screw 3.5x20 (SUS)



No.	Part Name	Material	Finish
①	Front Plate	Stainless Steel (SUS304)	Satin
②	Body	Steel (SECC)	(Zinc Chromate)
③	Body	Stainless Steel (SUS304)	
④	Thumb	Zinc Alloy	Chrome
⑤	Deadbolt	Stainless Steel (SUS304)	Polished
⑥	Counter Plate	Stainless Steel (SUS304)	Satin

Cut Out Dimensions



Item Code	Item Name	Door Thickness	Weight	Box	Carton
140-022-282	HC-30R	28 - 52	290 g	5 pcs	50 pcs

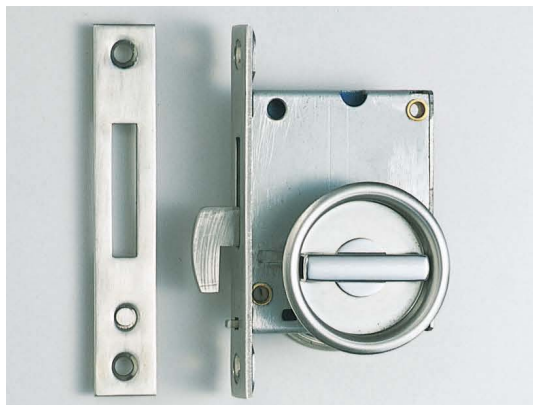
SLIDING DOOR LATCH

L=R

STAINLESS
304
STEEL

STAINLESS

HC-30



Features

- Ideal for harsh and high corrosion environments.
- Easy installation, flat and compact design for various application.
- Can be unlocked from outside in case of emergency.

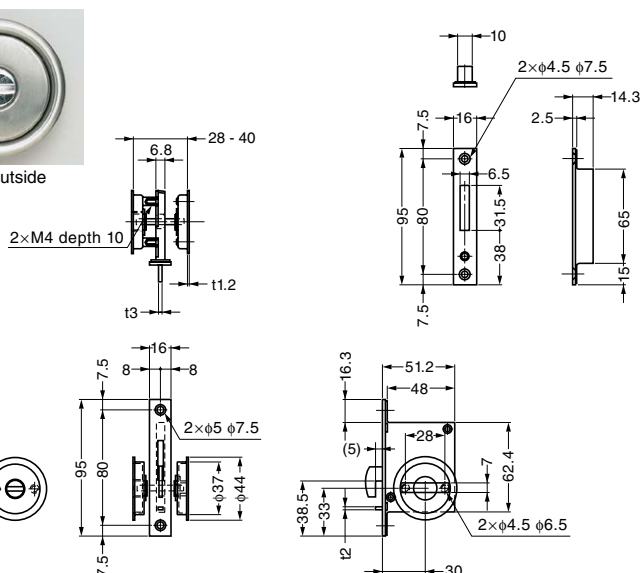
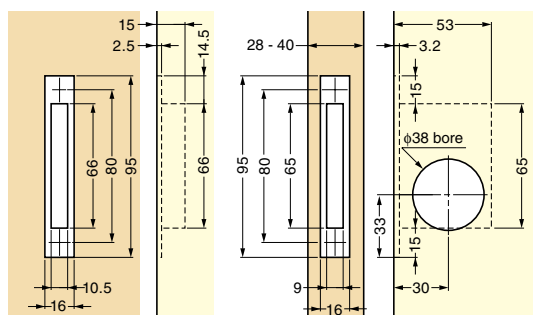
Parts Included

Countersunk head wood screw 3.5x20 (SUS)



From outside

Cut Out Dimensions



Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box	Carton
140-183-251	HC-30	28 - 40	Stainless Steel (SUS304)	Satin	280 g	5 pcs	50 pcs

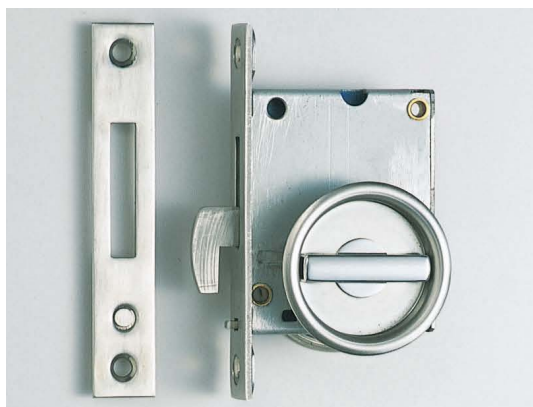
SLIDING DOOR LATCH W/INDICATOR

L=R

STAINLESS
304
STEEL

STAINLESS

HC-30H



Features

- Ideal for harsh and high corrosion environments.
- Sliding door latch with indicator.
- Easy installation, flat and compact design for various application.
- Can be unlocked from outside in case of emergency.

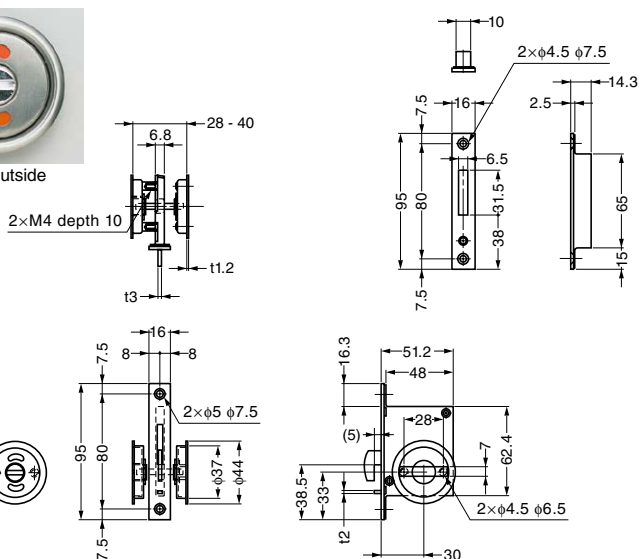
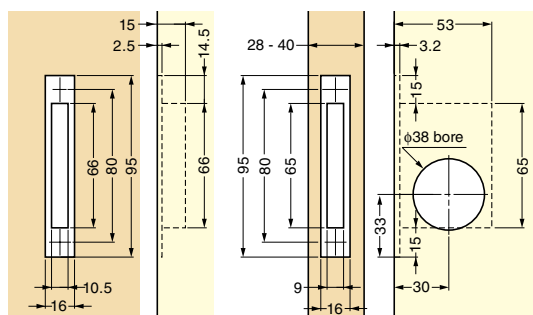
Parts Included

Countersunk head wood screw 3.5x20 (SUS)



From outside

Cut Out Dimensions



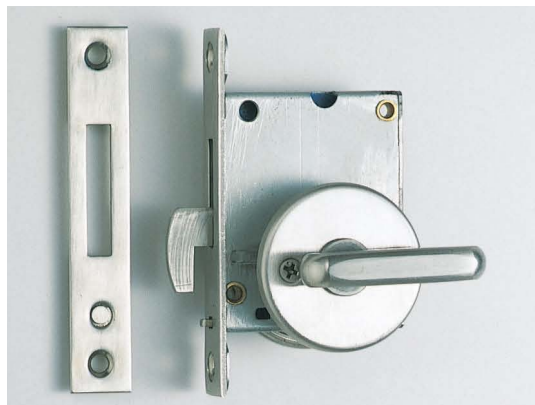
Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box	Carton
140-183-250	HC-30H	28 - 40	Stainless Steel (SUS304)	Satin	280 g	5 pcs	50 pcs

SLIDING DOOR LATCH

L=R

STAINLESS
304
STEELY
STAINLESS

HC-30L



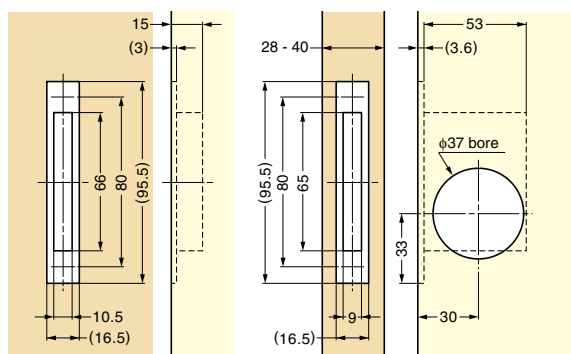
Features

- Ideal for harsh and high corrosion environments.
- Large lever for barrier-free design.
- Easy installation, flat and compact design for various application.
- Can be unlocked from outside in case of emergency.

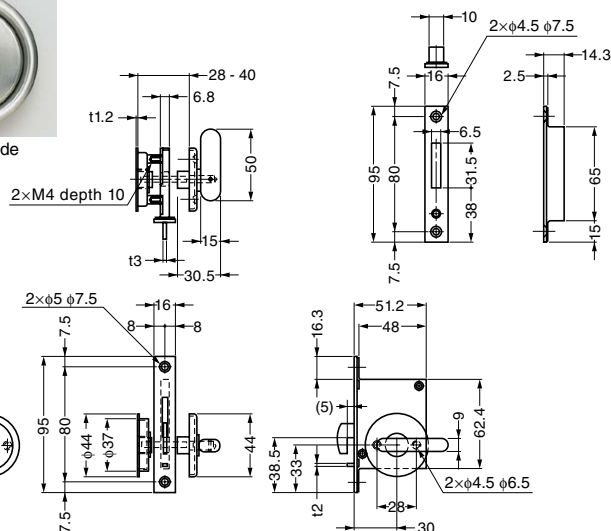
Parts Included

Countersunk head wood screw 3.5×20 (SUS)

Cut Out Dimensions



From outside



Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box	Carton
140-183-253	HC-30L	28 - 40	Stainless Steel (SUS304)	Satin	330 g	5 pcs	50 pcs

SLIDING DOOR LATCH W/INDICATOR

L=R

STAINLESS
304
STEELY
STAINLESS

HC-30HL



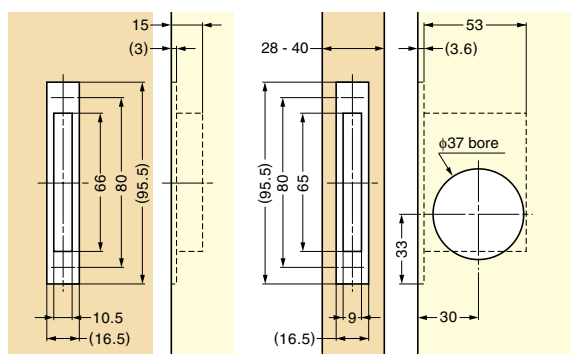
Features

- Ideal for harsh and high corrosion environments.
- Large lever for barrier-free design.
- Sliding door latch with indicator.
- Easy installation, flat and compact design for various application.
- Sliding door latch with indicator.

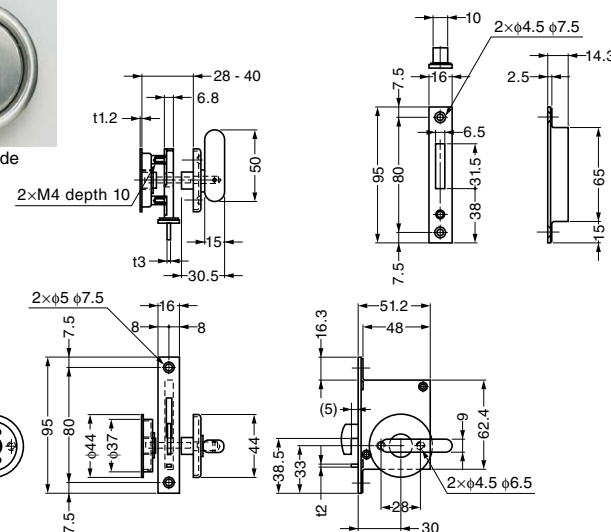
Parts Included

Countersunk head wood screw 3.5×20 (SUS)

Cut Out Dimensions



From outside



Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box	Carton
140-183-252	HC-30HL	28 - 40	Stainless Steel (SUS304)	Satin	344 g	5 pcs	50 pcs

SLIDING DOOR LATCH

L=R

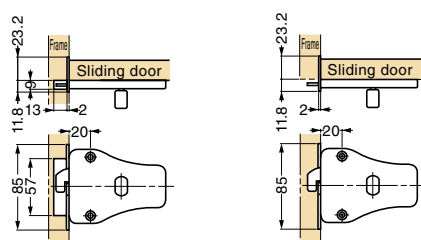
STAINLESS
304
STEEL

STAINLESS

HC-70



Application Examples

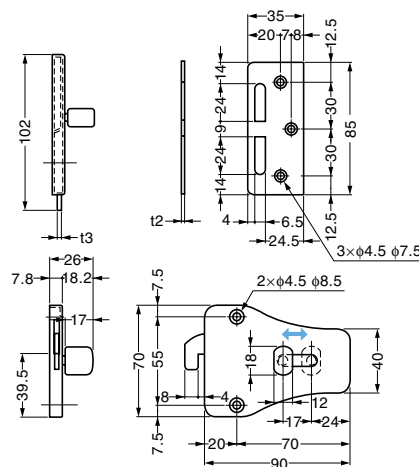


Features

- Ideal for harsh and high corrosion environments.
- Large lever for barrier-free design.
- Easy installation, flat and compact design for various application.

Parts Included

- Countersunk head wood screw 3.8×20 (SUS)
- Countersunk head wood screw 3.5×20 (SUS)



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-183-255	HC-70	Stainless Steel (SUS304)	Satin	209 g	5 pcs	50 pcs

SLIDING DOOR LATCH W/INDICATOR

L=R

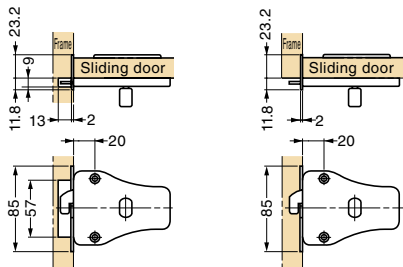
STAINLESS
304
STEEL

STAINLESS

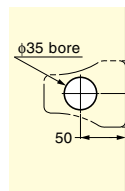
HC-70H



Application Examples



Cut Out Dimensions

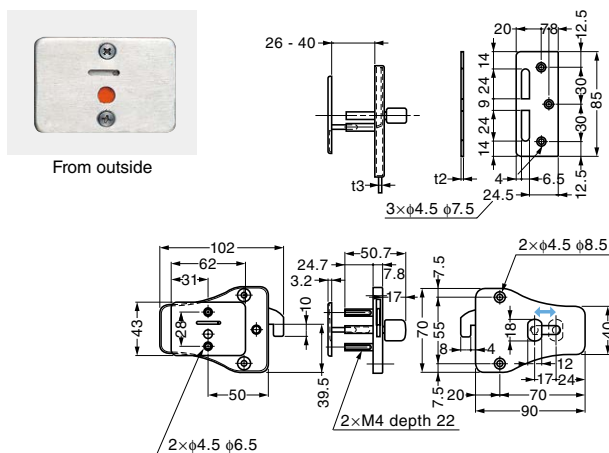


Features

- Ideal for harsh and high corrosion environments.
- Large lever for barrier-free design.
- Sliding door latch with indicator.
- Easy installation, flat and compact design for various application.

Parts Included

- Countersunk head wood screw 3.8×20 (SUS)
- Countersunk head wood screw 3.5×20 (SUS)



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-183-254	HC-70H	Stainless Steel (SUS304)	Satin	320 g	5 pcs	50 pcs

SLIDING DOOR LATCH W/INDICATOR



HHC-85



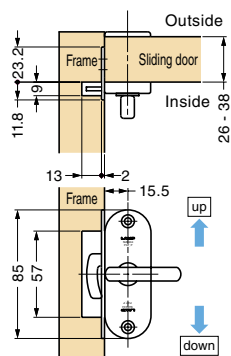
Features

- Ideal for harsh and high corrosion environments.
- Large lever for barrier-free design.
- Non-Handed: Can be installed on left or right side.
- For door thickness: 26 mm-38 mm
- Can be unlocked from outside in case of emergency.

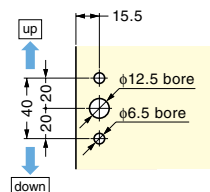
Parts Included

- Countersunk head wood screw 3.8x20 (SUS)
- Countersunk head wood screw 3.5x20 (SUS)

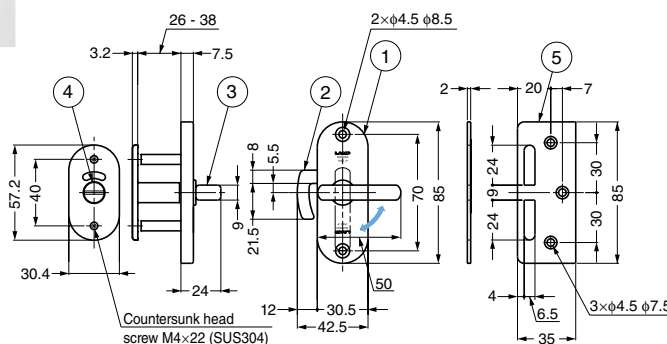
Application Example



Cut Out Dimensions



* Left-handed shown. This will be upside down in case of right-handed application.



No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Satin
②	Deadbolt	Stainless Steel (SUS304)	Polished
③	Lever	Stainless Steel (SUS304)	Polished
④	Shaft	Brass	Chrome
⑤	Counter Plate	Stainless Steel (SUS304)	Satin

SLIDING DOOR LATCH W/INSIDE INDICATOR



HC-85SS



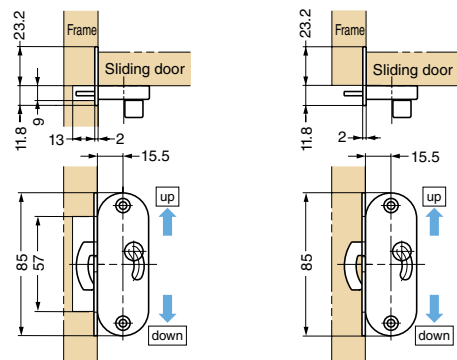
Features

- Ideal for harsh and high corrosion environments.
- Surface mount door latch with indicator.
- Non-Handed: Can be installed on left or right side.

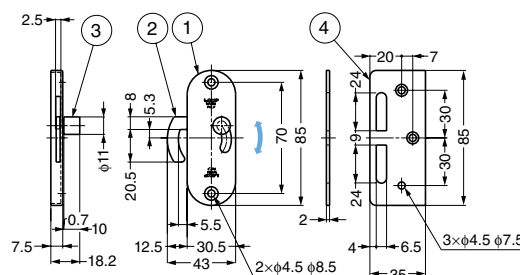
Parts Included

- Countersunk head wood screw 3.8x20 (SUS)
- Countersunk head wood screw 3.5x20 (SUS)

Application Examples



* Left-handed shown. This will be upside down in case of right-handed application.



No.	Part Name	Material
①	Body	Stainless Steel (SUS304)
②	Deadbolt	Stainless Steel (SUS304)
③	Knob	Stainless Steel (SUS303)
④	Counter Plate	Stainless Steel (SUS304)

Item Code	Item Name	Finish	Weight	Box	Carton
140-170-074	HC-85SS	Satin	120 g	20 pcs	100 pcs

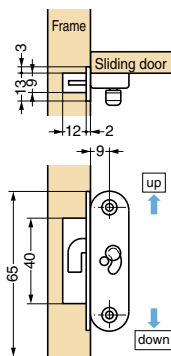
SLIDING DOOR LATCH W/INSIDE INDICATOR



HC-65



Application Example

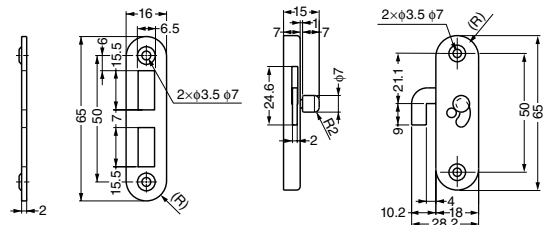


Features

- Ideal for harsh and high corrosion environments.
- Surface mount door latch with indicator.
- Non-Handed: Can be installed on left or right side.

Parts Included

- Countersunk head tapping screw 3×16 (SUS)
- Countersunk head tapping screw 3.1×16 (SUS)



Item Code	Item Name	Material	Finish	Weight	Box	Carton
140-180-578	HC-65	Stainless Steel (SUS304)	Satin	41 g	20 pcs	200 pcs

SLIDING DOOR LOCK



SB

Item Code	Item Name	Type	Colour	Door Thickness	Back Set	Box
-	D238K-ZK-3SB (Cr/G/N)	Without Indicator	Chrome Gold Nickel	36-40	38	30 pcs
-	D238K-ZK-4SB (Cr/G/N)	With Indicator		36-40		
-	D238K-ZK-5SB (Cr/G/N)	With Cylinder Lock		40		
-	D251K-ZK-3SB (Cr/G/N)	Without Indicator		36-40	51	
-	D251K-ZK-4SB (Cr/G/N)	With Indicator		36-40		
-	D251K-ZK-5SB (Cr/G/N)	With Cylinder Lock		40		



* Pearl Chrome (Pcr), Satin Gold (SG) can be produced as special order.

SBU (Large lever)

Item Code	Item Name	Type	Colour	Door Thickness	Back Set	Box
-	D238K-ZK-3SBU (Cr/G/N)	Without Indicator	Chrome Gold Nickel	36-40	38	30 pcs
-	D238K-ZK-4SBU (Cr/G/N)	With Indicator		36-40		
-	D238K-ZK-5SBU (Cr/G/N)	With Cylinder Lock		40		
-	D251K-ZK-3SBU (Cr/G/N)	Without Indicator		36-40	51	
-	D251K-ZK-4SBU (Cr/G/N)	With Indicator		36-40		
-	D251K-ZK-5SBU (Cr/G/N)	With Cylinder Lock		40		

SLIDING DOOR LOCK



SC

Item Code	Item Name	Type	Colour	Door Thickness	Back Set	Box
-	D238K-ZK-3SC (Cr/G/N)	Without Indicator	Chrome Gold Nickel	36-40	38	30 pcs
-	D238K-ZK-4SC (Cr/G/N)	With Indicator		36-40		
-	D238K-ZK-5SC (Cr/G/N)	With Cylinder Lock		40		
-	D251K-ZK-3SC (Cr/G/N)	Without Indicator		36-40	51	
-	D251K-ZK-4SC (Cr/G/N)	With Indicator		36-40		
-	D251K-ZK-5SC (Cr/G/N)	With Cylinder Lock		40		



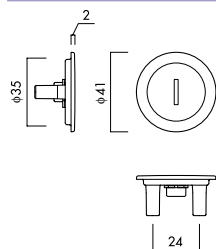
* Pearl Chrome (Pcr), Satin Gold (SG) can be produced as special order.

SCU (Large lever)

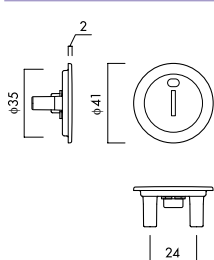
Item Code	Item Name	Type	Colour	Door Thickness	Back Set	Box
-	D238K-ZK-3SCU (Cr/G/N)	Without Indicator	Chrome Gold Nickel	36-40	38	30 pcs
-	D238K-ZK-4SCU (Cr/G/N)	With Indicator		36-40		
-	D238K-ZK-5SCU (Cr/G/N)	With Cylinder Lock		40		
-	D251K-ZK-3SCU (Cr/G/N)	Without Indicator		36-40	51	
-	D251K-ZK-4SCU (Cr/G/N)	With Indicator		36-40		
-	D251K-ZK-5SCU (Cr/G/N)	With Cylinder Lock		40		

SB type

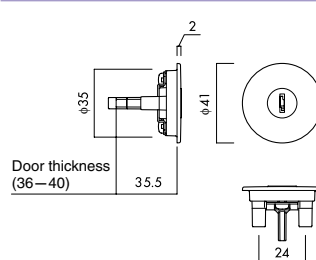
• 3SB/3SBU (Outside)



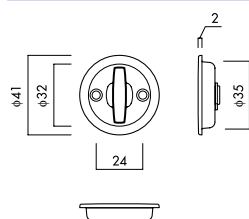
• 4SB/4SBU (Outside)



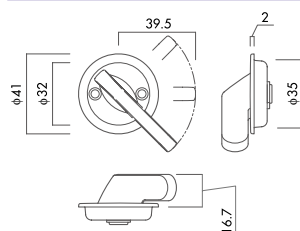
• 5SB/5SBU (Outside)



• 3SB/4SB/5SB (Inside)

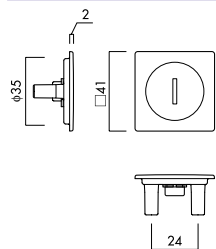


• 3SBU/4SBU/5SBU (Inside)

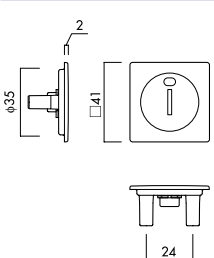


SC type

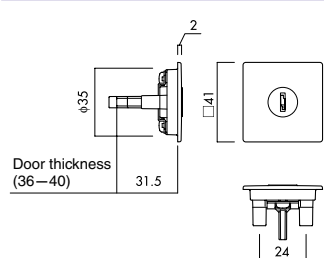
• 3SC/3SCU (Outside)



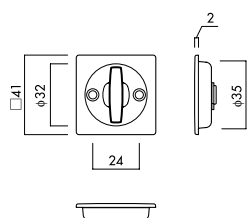
• 4SC/4SCU (Outside)



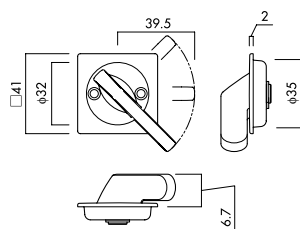
• 5SC/5SCU (Outside)



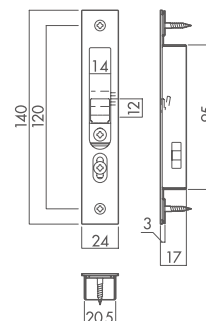
• 3SC/4SC/5SC (Inside)



• 3SCU/4SCU/5SCU (Inside)



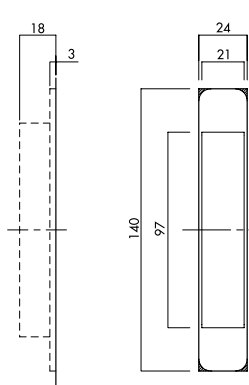
• Counter Plate



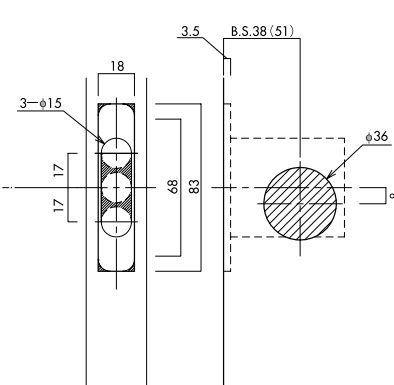
PROCESS

SB-SBU-SC-SCU type

• Frame



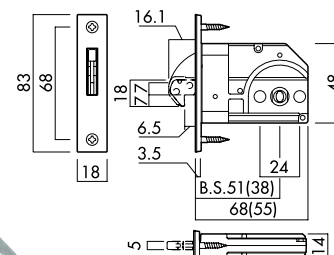
• Door



Lock (Back set 38 mm)



Lock (Back set 51 mm)



*Dimension in () is for 38 mm Back set

SLIDING DOOR LATCH



HC-3051



Latch Body & Strike



Base



Privacy (PRV) Indicator (IND) Cylinder Lock (CLD) Double sided slide (DSL)

The opposite side of every model has a slide handle as shown for the "DSL" type (above).

No.	Part Name	Material	Finish
①	Base	Zinc Alloy	Nickel
②	Knob	Zinc Alloy	Nickel
③	Latch Body	Steel (SECC)	Plain
④	Spindle	Steel (SWCH)	Chromate
⑤	Trigger	Stainless Steel (SUS304)	Polished
⑥	Bolt	Stainless Steel (SUS304)	Polished
⑦	Front Plate (Latch)	Stainless Steel (SUS304)	Satin
⑧	Strike	Steel (SECC)	Plain
⑨	Front Plate (Strike)	Stainless Steel (SUS304)	Satin

Item Code	Item Name	Type	Weight	Box	Carton
140-032-752	HC-3051-PRV-NI	Privacy	531 g	1 pc	20 pcs
140-032-753	HC-3051-IND-NI	Indicator	535 g	1 pc	20 pcs
140-032-754	HC-3051-CLD-NI	Cylinder Lock	557 g	1 pc	20 pcs
140-032-755	HC-3051-DSL-NI	Double Sided Slide	511 g	1 pc	20 pcs

Features

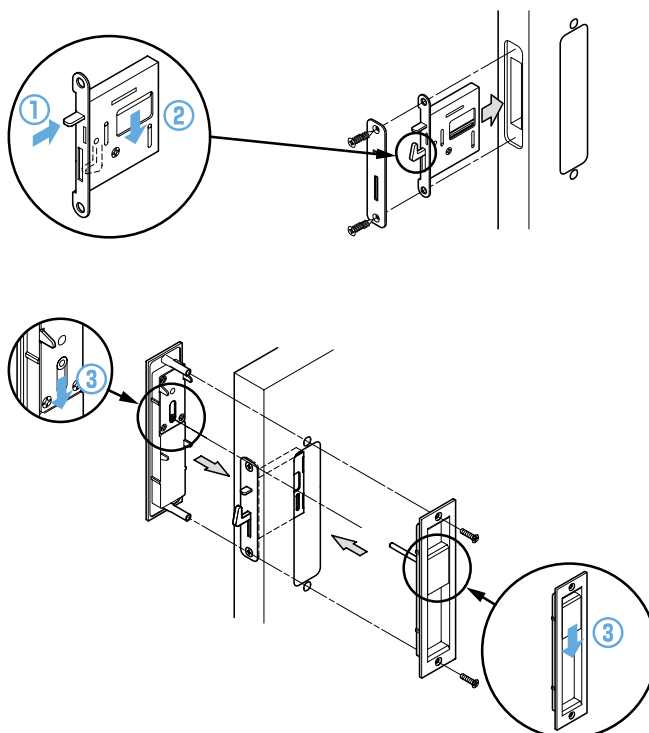
- Recessed latch handle for wooden sliding doors.
- 4 bases available.
- Possible to install the backset at any position between 30 mm and 51 mm from the door edge.
- Ideal for narrow lock stile door.
- Applicable door thickness: 35 - 45 mm. 3 different lengths of spindles and 2 different lengths of screws are included.
- Non-handed.

Application

For residential interior sliding door.

Remarks

- Before inserting the base to the door, make sure to do the 3 steps below. Otherwise, the latch will not work properly.
- The latch can work only when door closed completely.



Parts Included

- Spindles $\phi 4 \times 35$, $\phi 4 \times 39$, $\phi 4 \times 43$ (SWCH)
- Countersunk head tapping screw 3.5×25 (SUS) for strike & latch body
- Countersunk head screw $M4 \times 20$, $M4 \times 25$ (SUS) for square handle

HC-3051-CLD-NI is shown.



SLIDING DOOR LATCH

The diagram shows two cross-sectional views of door frames with yellow doors. The left view, labeled 'Two-way Soft Close', shows a door with a wavy green arrow pointing both towards and away from the frame, indicating soft closing in both directions. Below it, the text reads: **Two-way Soft Close**
FD30-H
FD50-H
FD80-H. The right view, labeled 'One-way Soft Close', shows a door with a wavy blue arrow pointing only towards the frame, indicating soft closing in one direction. Below it, the text reads: **One-way Soft Close**
FD30-H.

Zwei L

Mirror-like clear lake.

Satin-like refined silk.

two lights

Zwei Lichter interweaves the finest architectural hardware.

"Z" stands for ultimate and "L" signifies Light and **LAMP**®.

Zwei L is SUGATSUNE's flagship brand.

Video Link



Zwei L®



Zwei L series is developed to rest upon the universal standard of the architectural hardware based on industrial and architectural module.

Outline produced from module progression.

Cool and hard SUS316 with high corrosion resistance -

They bring calm harmony to architectural space.

Zwei L LEVER BOLT

L=R

STAINLESS
316
STEELY
STAINLESS

ZL-2401



Indicator (Sold Separately)

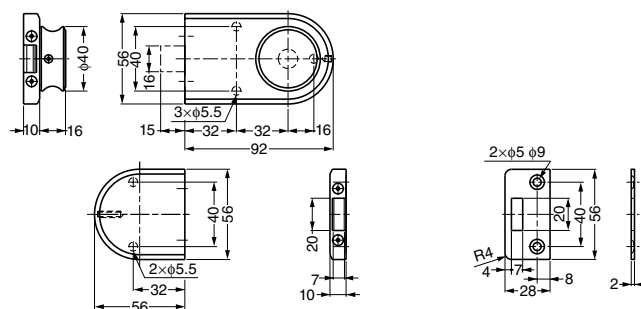


Features

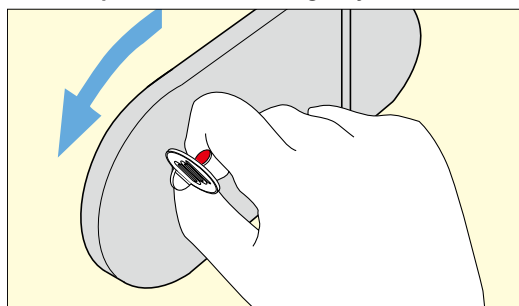
- Made of highly corrosion resistant SUS316
- Ultrapremium Zwei L finish. Zwei L finish: Using top class polishing technology, these products combine the elegance of Satin with the deep glow of a Mirror.

Sold Separately

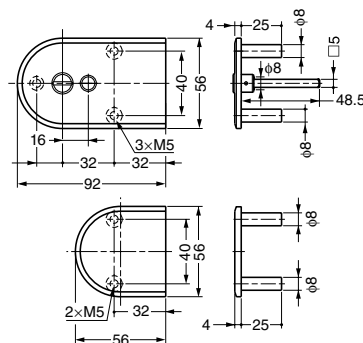
- Indicator: ZL-2401-INR (for wood)
- Indicator: ZL-2401-INR-GB (for glass)



How to Open in Case of Emergency



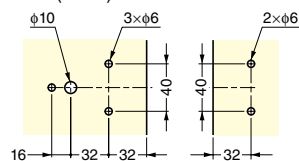
Can be unlocked by turning the coin 90°.



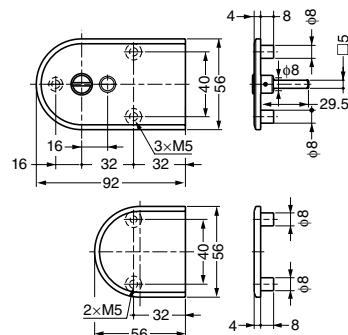
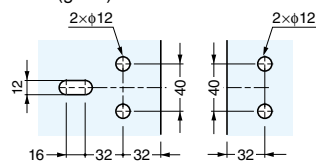
Indicator: ZL-2401-INR (for wood)

Cut Out Dimensions

Door (wood)



Door (glass)



Indicator: ZL-2401-INR-GB (for glass)

Body

Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box
140-050-401	ZL-2401	Wooden Door : 28 - 40/Glass Door: 8, 10, 12	Stainless Steel (SUS316)	Zwei L Finish	835 g	1 pc

Indicator (Sold Separately)

Item Code	Item Name	Type	Material	Finish	Weight	Box
140-050-404	ZL-2401-INR	Wooden Door	Stainless Steel (SUS316)	Zwei L Finish	332 g	1 pc
140-050-405	ZL-2401-INR-GB	Glass Door	Stainless Steel (SUS316)	Zwei L Finish	317 g	1 pc

GLASS SLIDING DOOR LATCH

STAINLESS
304
STEEL

XL-MT120-H



Features

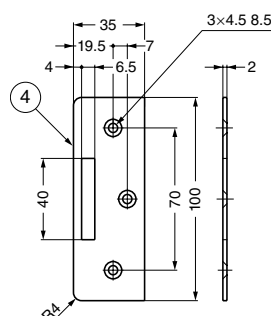
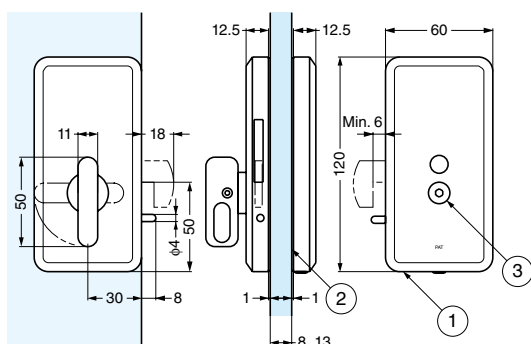
- Lock with indicator for glass sliding door.
- Can be unlocked by turning emergency release pin with supplied allen key. (Hex size 4 mm)

Remarks

- Made to order.
- Not recommended for applications with direct water exposure.

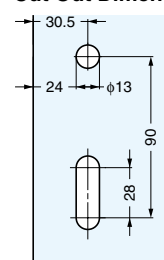
Parts Included

Counter plate XL-MT120-U03



XL-MT120-U03

Cut Out Dimensions



No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Satin
②	Gasket	Polypropylene (PP)	Natural
③	Emergency Release Pin	Brass	Chrome
④	Counter Plate	Stainless Steel (SUS304)	Satin

Item Code	Item Name	Type	Door Thickness	Weight	Box	Carton
140-060-628	XL-MT120-H01	Right	8, 13	567 g	1 pc	12 pcs
140-060-627	XL-MT120-H02	Left	8, 13	567 g	1 pc	12 pcs

*Door thickness: 8 mm for glass, 13 mm for melamine board

COUNTER PLATE

STAINLESS
304
STEEL

XL-MT120-U



Application Example



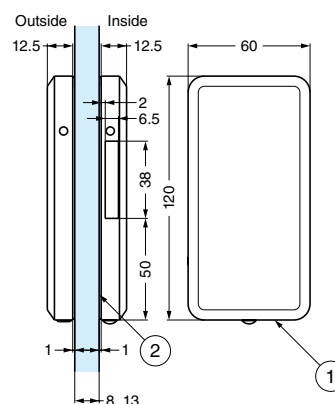
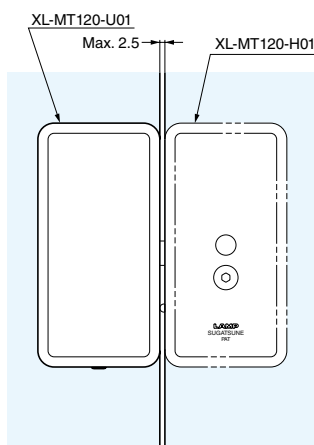
Right-handed is shown.

Features

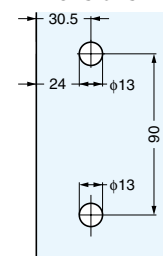
- For XL-MT120-H.
- Designed for double sliding door.

Remarks

- Made to order.
- Not recommended for application with direct water exposure.



Cut Out Dimensions



No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Satin
②	Gasket	Polypropylene (PP)	Natural

Item Code	Item Name	Type	Door Thickness	Weight	Box	Carton
140-060-626	XL-MT120-U01	Right	8, 13	415 g	1 pc	24 pcs
140-060-625	XL-MT120-U02	Left	8, 13	415 g	1 pc	24 pcs

*Door thickness: 8 mm for glass, 13 mm for melamine board

LATCH W/ INDICATOR

L=R

STAINLESS
304
STEEL

ET-70FN



Features

- For inward opening and 13, 16, 20 mm thick door and side panel.
- Flat door application.

Remarks

Spacer (Option) allows to use with 13 mm door and 16/20 mm side panel.

Parts Included

Hex key

Option

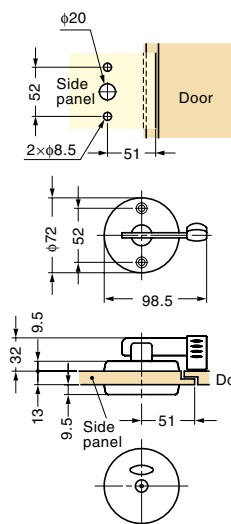
Spacer / ET-3, ET-7

Screw and Spacer Recommended

Door Thickness	Inward opening						Outward opening					
	13			16			13			16		
Side board thickness	13	16	20	13	16	20	13	16	20	13	16	20
Hexagon top bolt (2pcs)	M5x25	M5x30	M5x30	M5x25	M5x25	M5x30	M5x25	M5x25	M5x30	M5x25	M5x25	M5x30
ET-7 spacer(Optional)	0	0	0	0	0	0	0	0	1	0	0	0
ET-3 spacer(Optional)	0	0	0	1	0	0	0	1	0	0	0	1

*Please contact us for other information.

Cut Out Dimensions



Body

Item Code	Item Name	Door/Panel Thickness	Material	Finish	Weight	Box	Carton
140-180-545	ET-70FN	13, 16, 20	Stainless Steel (SUS304)	Satin	335 g	1 pc	50 pcs

Spacer (Sold Separately)

Item Code	Item Name	Material	Colour	Thickness	Weight	Box	Carton
140-180-975	ET-3	ABS	Black	3	14 g	25 pcs	750 pcs
140-172-566	ET-7	ABS	Black	7	18 g	15 pcs	750 pcs

LATCH W/ INDICATOR

L=R

STAINLESS
304
STEEL

ET-70DS



Features

- For inward opening.
- Overlapped door application.
- The wide gap between the door and panel prevents pinched fingers.

Remarks

Please use a spacer according to the door thickness.

Parts Included

Hex Key

Option

Spacer: ET-3, ET-7

Recommended Screw

- Hexagon top bolt M5x50
- Hexagon top bolt M5x55

Screw and Spacer Recommended

Part Name	Door Thickness 13 Sideboard Thickness 13	Door Thickness 16 Sideboard Thickness 16
	2	0
Hexagon Top Bolt M5x50	2	0
Hexagon Top Bolt M5x55	0	2
ET-3 Spacer	0	1
ET-7 Spacer	1	1

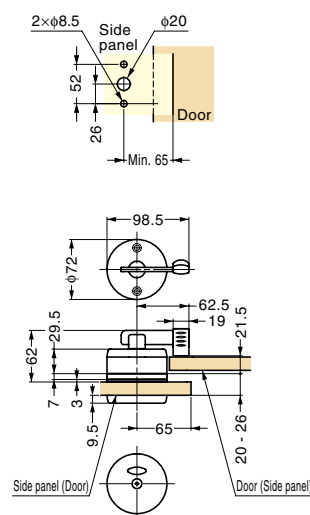
Body

Item Code	Item Name	Door/Panel Thickness	Material	Finish	Weight	Box	Carton
140-020-996	ET-70DS	Door : 13, 16 Side Panel: 13, 16	Stainless Steel (SUS304)	Satin	368 g	1 pc	50 pcs

Spacer (Sold Separately)

Item Code	Item Name	Material	Color	Thickness	Weight	Box	Carton
140-180-975	ET-3	ABS	Black	3	14 g	25 pcs	750 pcs
140-172-566	ET-7	ABS	Black	7	18 g	15 pcs	750 pcs

Cut Out Dimensions



LATCH W/ INDICATOR

L=R

STAINLESS
304
STEEL

ET-70DN



Features

- For inward opening.
- Overlapped door application.

Remarks

Please use a spacer according to the door thickness.

Parts Included

Hex key

Option

Spacer: ET-3, ET-7



Screw and Spacer Recommended

- Body: Hexagon top bolt

Door Thickness	Inward opening						Outward opening					
	13	16	20	13	16	20	13	16	20	13	16	20
Hexagon top bolt (2pcs)	M5x 45	M5x 45	M5x 50	M5x 45	M5x 50	M5x 55	M5x 45	M5x 45	M5x 50	M5x 45	M5x 50	M5x 55
ET-7 spacer	0	0	0	0	0	0	0	0	1	0	0	1
ET-3 spacer	0	0	0	1	1	1	0	1	0	0	1	0

*Please contact us for other information.

- Door Stopper : Hexagon socket button head screw M4x10 (Sideboard thickness 13, 16 mm), M4x16 (Outside opening, sideboard thickness 20 mm), M4 washer.

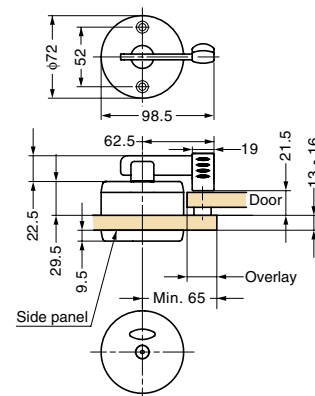
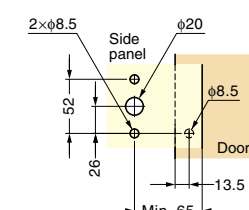
Body

Item Code	Item Name	Door/Panel Thickness	Material	Finish	Weight	Box	Carton
140-180-546	ET-70DN	Door : 13, 16 Side Panel: 13, 16, 20	Stainless Steel (SUS304)	Satin	371 g	1 pc	50 pcs

Spacer (Sold Separately)

Item Code	Item Name	Material	Colour	Thickness	Weight	Box	Carton
140-180-975	ET-3	ABS	Black	3	14 g	25 pcs	750 pcs
140-172-566	ET-7	ABS	Black	7	18 g	15 pcs	750 pcs

Cut Out Dimensions



LATCH W/ INDICATOR

L=R

STAINLESS
304
STEEL

ET-125T



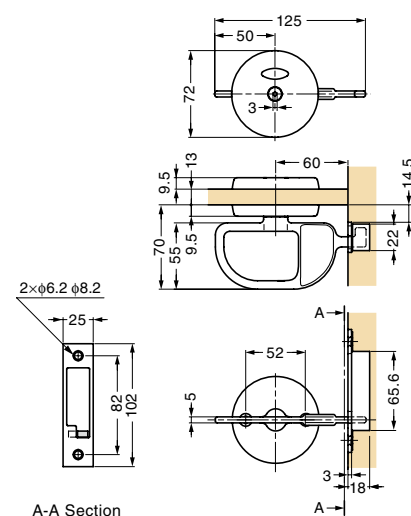
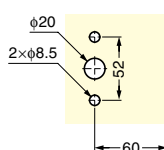
Features

- For sliding door applications.
- Large handle for easy operation.

Parts Included

Hex key

Cut Out Dimensions



Item Code	Item Name	Door Thickness	Material	Finish	Weight	Box	Carton
140-188-843	ET-125T	13	Stainless Steel (SUS304)	Satin	442 g	1 pc	27 pcs