

Door lock product introduction

Door locks include handle locks, cylindrical locks, plane locks, connecting rod locks, panel locks and other types. It is widely used in aviation industry, automobile industry, electronics industry, military industry, medical equipment, machinery industry and other fields.

IP protection level introduction

The IP classification system uses a number to indicate the protection of the enclosure against impact dust and water intrusion. Please be careful not to interpret it as anti-corrosion.

The first digit indicates the range of equipment's resistance to dust or degree to which people are protected from hazards in a sealed environment; I indicates the level of preventing solid foreign objects from entering, and the highest level is 6.

The second digit indicates the degree of water resistance of the equipment; P indicates the level of protection against water ingress. The larger the number, the higher the protection level, the highest level is 8.

According to the classification of protection level is IEC60529, its meaning is as follows:

First number	Implication	Second number	Implication
0	Unprotected	0	Unprotected
1	Protecting objects larger than 50mm(such as hands)	1	Protective drip(such as condensate)
2	Protecting objects larger than 12mm(such as fingers)	2	Protective drip, the inclination angle is less than 15°
3	Protecting objects larger than 2.5mm(such as tools or wires)	3	Protective spray water, the inclination angle is less than 60°
4	Protecting objects larger than 1.0mm(such as wires or thin sticks)	4	Protection from splashing water from all directions
5	Protection against the invasion of dust sufficient to cause harm	5	Protection from water jets from all directions
6	Dust can't get in	6	Protection against floods or high-pressure water jets
		7	150mm~1mm immersed in water to prevent water intrusion
		8	Buried in water, suitable for continuous immersion in water

Left and right door opening definition:

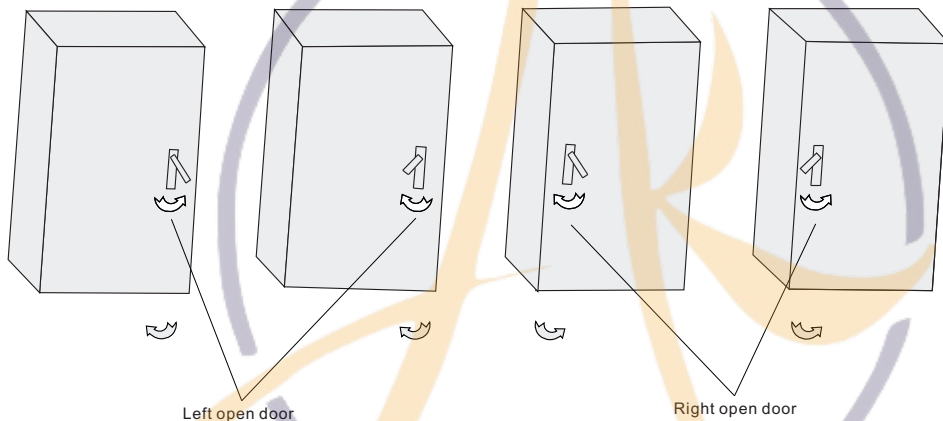
Left-hand opening and right-hand opening are the definition of the opening direction of the cabinet door rather than the definition of the opening direction of the cabinet lock; for the cabinet lock, it is also the definition of left-hand opening and right-hand opening.

Left open door handle right turn

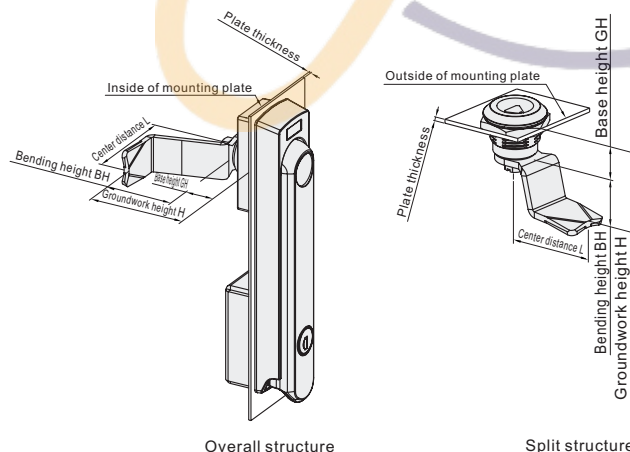
Left open door handle left turn

Right open door handle left turn

Right open door handle right turn



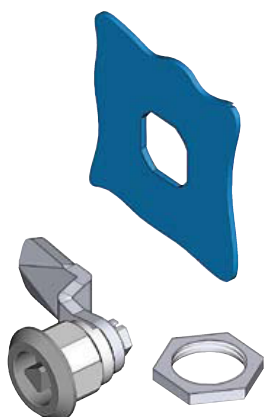
Description of the height of the stop and the base



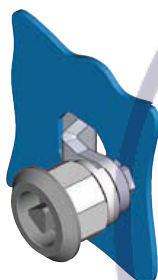
H=GH+BH;
The height of the stop of the overall structure is calculated from the outside;
The height of the stop of the split structure is calculated from the inside.

■ Installation diagram of cylinder lock

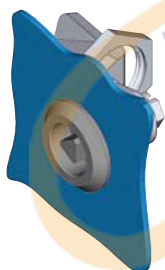
Installation diagram



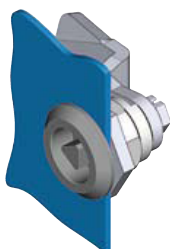
Step 1: installation preparation;



Step 2: pass the cylinder lock through the mounting hole;

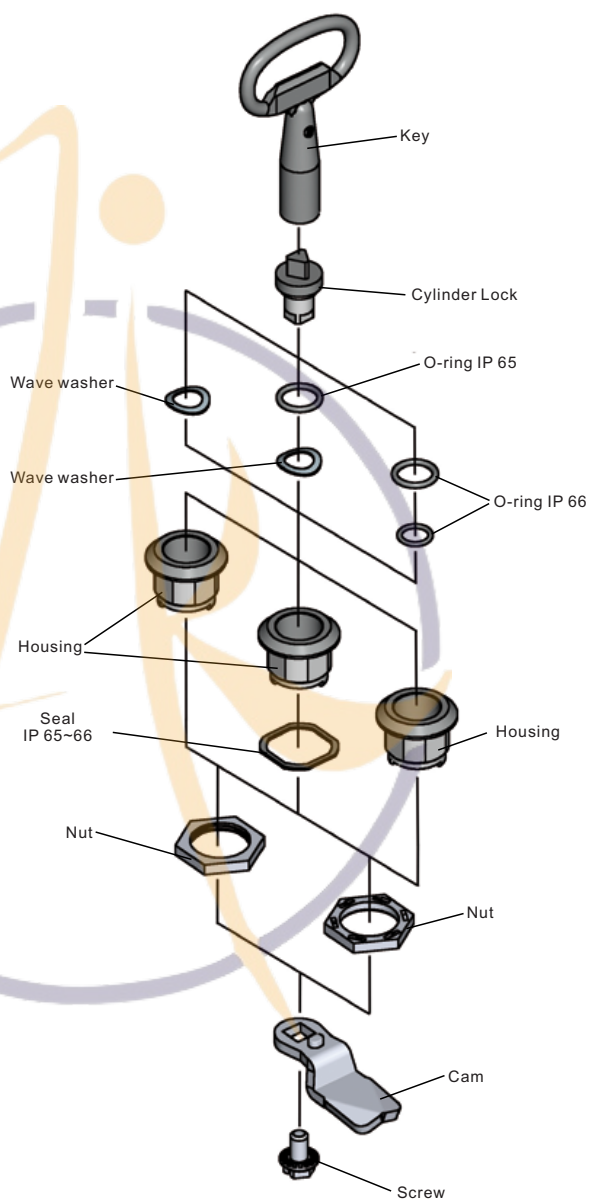


Step 3: install the nut;

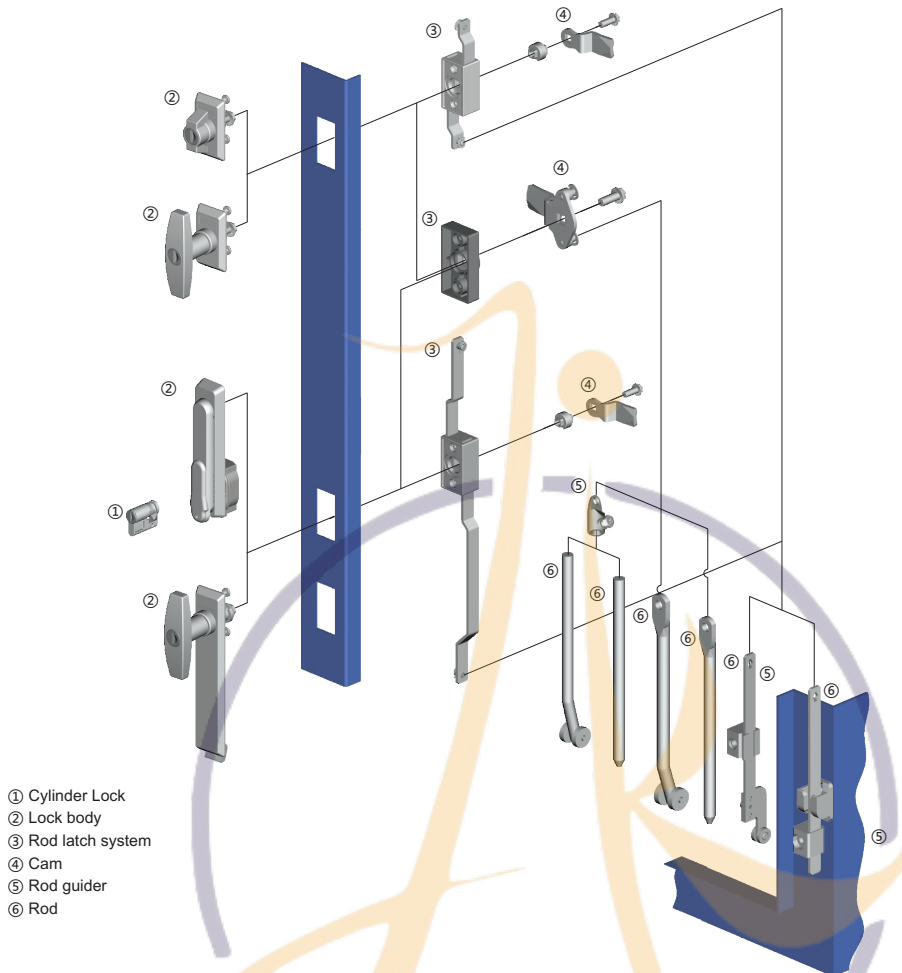


Step 4: installation complete.

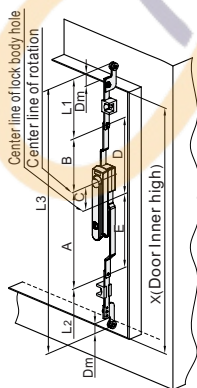
Exploded drawing



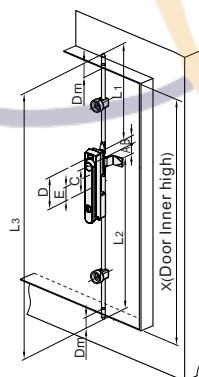
Installation diagram of connecting rod



Rod length calculation



Rod and Rod latch system connection



Rod and Cam connection

Calculate the length of the rod

Calculation method of coincident length of door center and center line of rotation part : $L1 = X/2 - B + (Dm - 2)$, $L2 = X/2 - A + (Dm - 2)$;

Calculation method of coincident length of door center and center line of lock : $L1 = X/2 - D + (Dm - 2)$, $L2 = X/2 - (A - C) + (Dm - 2)$.

ⓘ This calculation method is applicable for those rods with seals fitted inside. Be aware of the actual installation conditions when using the above methods.

ⓘ The length of the connecting rod installed outside the sealing strip can be calculated according to the requirements of the cabinet, but the total length L3 after connecting rod installation should be less than the height inside the frame.

Dm: The code of driving distance

X: Door frame height

T-Shaped Handle

Code	Type	Material			Surface Treatment			Reference Weight (kg)
		Housing	Handle	Cam	Housing	Handle	Cam	
XAR21	T-Shaped Handle With Cylinder Lock	ZDC		Q235	Pocked black power coated	Zinc-plated		0.196

Features:

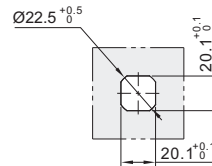
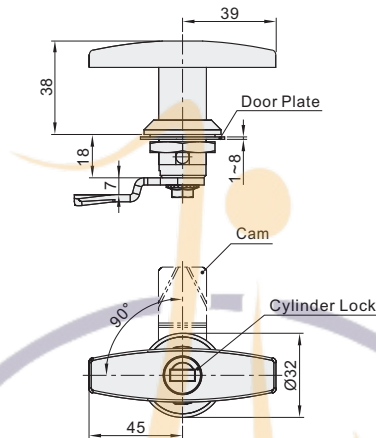
- The handle is convenient for holding and opening the door;
- Rotate the handle by 90° to open or lock the door;
- In common use both for left-opening and right-opening;
- IP protection grade Ip65.

! The hole size of the lock tongue: □ 8×8;

! Accessories: 2 keys.



Cut Out Dimensions



The first perspective

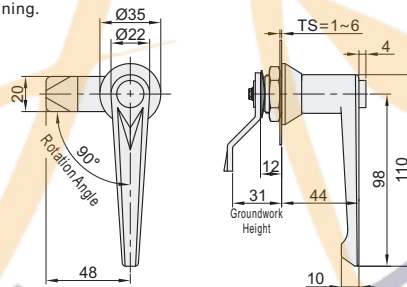
L-Shaped Handle

Code	Type	Groundwork Height	Cylinder Lock	Material			Surface Treatment		
				Housing	Handle	Cam	Housing	Handle	Cam
XAR26	L-Shaped Handle	31	No Cylinder Lock	ZDC5	ZDC5	S45C	Bright chrome plated	Blue and white zinc plated	

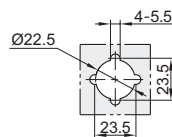
Features:

- Rotate the handle by 90° to open or lock the door;
- In common use both for left-opening and right-opening.

! The hole size of the lock tongue: □ 8×8;



Cut Out Dimensions



The first perspective

Code	Reference Weight(kg)
XAR26	0.141



Please order as shown

Code
XAR21
XAR26
XAR21



Discount price
Per 1~4
Price 100%
5~ Additional quotation



Delivery
6

Cylindrical Lock

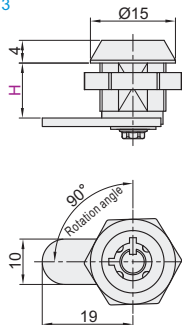
◀ 10 Series • Groundwork Height 10.5

◀ 20 Series • Groundwork Height 18

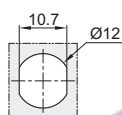
Code	Type	Groundwork Height	Cylinder Lock	Material			Surface Treatment	
				Housing	Cylinder Lock	Cam	Housing/Cylinder Lock	Cam
XAS03	10 Series	10.5	Bullet Shaped	ZDC5	ZDC5	Q235	Nickel plated	Nickel Plating
XAS05			Triangular	SUS304	SUS304	SUS304	—	—
XAS06				ZDC	ZDC	Q235	Chrome plating	Zinc-plated
XAS07	20 Series	18	Double Bit	SUS304	SUS304	SUS304	—	—
XAS25				ZDC	ZDC	Q235	Chrome plating	Zinc-plated
XAS26				ZDC	ZDC	Q235	Black powder coated	Zinc-plated



Bullet Shaped
XAS03



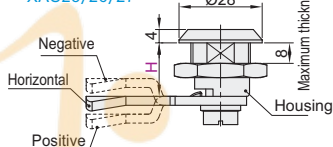
❑ Cut Out Dimensions



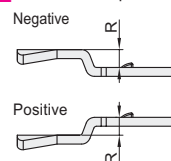
❑ Features:

- Application: Cam 90° rotation to open or lock;
 - In common use both for left-opening and right-opening.
- ❗ With nickel plating keys.

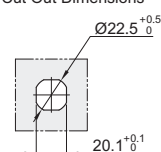
Triangular
XAS05/06/07
Double Bit
XAS25/26/27



❑ Lock bolt shape



❑ Cut Out Dimensions



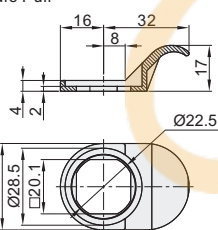
❑ Features:

- **XAS05** and **XAS25** is made of stainless steel with excellent corrosion resistance
 - Application: Cam 90° rotation to open or lock;
 - In common use both for left-opening and right-opening;
 - Waterproof grade IP65.
- ❗ The hole size of the lock tongue: □ 8×8;
- ❗ Accessories: 1 key.

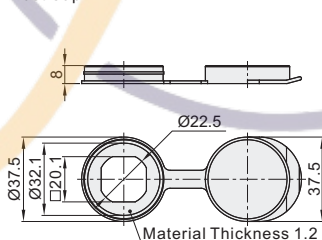
❑ Optional Accessories

Name	Material
Handle Pull	PA(Black)
Dust Cap	PP(Black)
Lock Bolt With Plastic Cover	PA(Black)

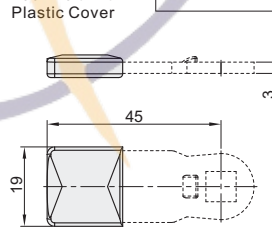
Handle Pull



Dust Cap



Lock Bolt With Plastic Cover



The first perspective

❑ 10 Series

Part Number	Key Pull-out Type	TS	Reference Weight
Code	H	Applicable Door Thickness	(kg)
XAS03	10.5	D (Single Axis) S (Double Axis)	1 ~ 4.5 0.25

❑ 10 Series

Part Number	Key Pull-out Type
Code	H
XAS03	10.5

XAS03 — H10.5 — D

❑ 20 Series

Part Number	Key Pull-out Type
Code	H
XAS05	18
XAS06	18

XAS05 — N — H10

❑ 20 Series

Part Number	Lock bolt shape	Reference Weight
Code	Optional Accessories	(kg)
	No specified (H=18)	
	Horizontal	0
		8
	Negative	6
		4
		2
		2
		4
		6
		8
	Positive	10
		12
		14
		16
		18
		20

XAS05
XAS06
XAS07
XAS25
XAS26
XAS27

N (No accessories)
A (Handle pull)
B (Dust cap)
C (Cam With rubber sleeve)



Please order as shown



Discount price
Per 1~4 5~
Price 100% Additional quotation



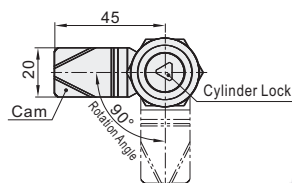
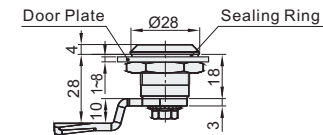
Delivery
8

❗ C (Cam With rubber sleeve) is only suitable for **XAS05/XAS25**.

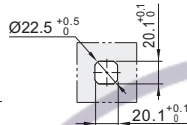
Code	Type	Groundwork Height	Cylinder Lock	Material		Surface Treatment	
				Housing	Cam	Housing	Cam
XAS01	20 Series	28	Triangular	ZDC	A3	Chrome plating	Zinc-plated
XAS21			Slot				



Triangular
XAS01



■ Cut Out Dimensions



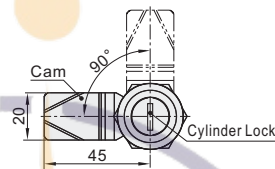
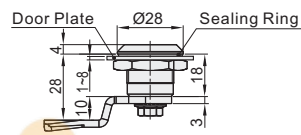
■ Features:

- Application: Cam 90° rotation to open or lock;
- In common use both for left-opening and right-opening;
- IP protection grade IP65.

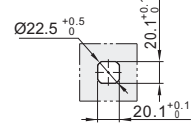
❗ The hole size of the lock tongue: □ 8×8;

❗ Accessories: 1 key.

Slot
XAS21



■ Cut Out Dimensions

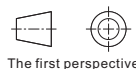


■ Features:

- Application: Cam 90° rotation to open or lock;
- In common use both for left-opening and right-opening;
- IP protection grade IP65.

❗ The hole size of the lock tongue: □ 8×8;

❗ Without key.



The first perspective

Part Number	Groundwork Height	Reference Weight (kg)
Code		
XAS01	28	0.070
XAS21		0.071



Please order as shown



Part Number
Code
XAS01
XAS21
XAS01



● Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery
6

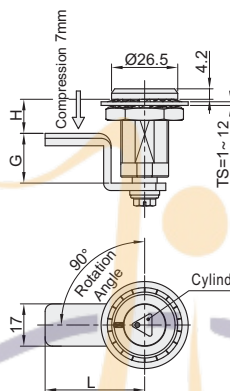
Compression Latch ◀ 20 Series

Code	Type	Compression Distance	Cylinder Lock	Material		Surface Treatment			
				Housing/Cylinder Lock	Cam	Housing/Cylinder Lock	Cam		
XAU84	20 Series	7	Double Bit	ZDC5	S45C	Chrome plating	Zinc-plated		
XAU85			Triangular			Spray matte black painted			
XAU86						Chrome plating			
XAU87						Spray matte black painted			
XAU88			Square			Chrome plating			
XAU89						Spray matte black painted			

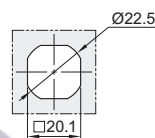
Features:

- Lock the door frame by compressing the stroke;
- In common use both for left-opening and right-opening;
- The hole size of the lock tongue: $\square 8 \times 8$.

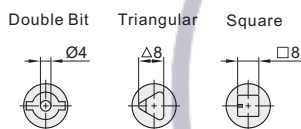
Accessories: 1 key.



Cut Out Dimensions

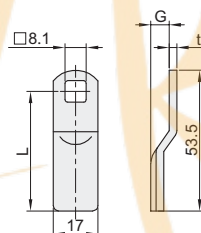


Cylinder Lock Shape

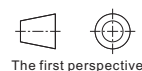
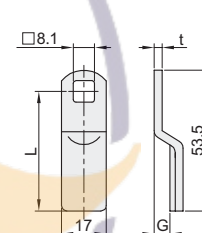


Cam Shape

F Shape



R Shape



The first perspective

Part Number		No.	H	G	L	t	Reference Weight (kg)
Code	Cam						
XAU84 XAU85 XAU86 XAU87 XAU88 XAU89	N(Without)	42	14	20	42	4	0.21
		45	27	7	45	3	
	F Shape	45A	22	12	45	3	
		50	21	13	50	4	
		50A	27	7	50	3	
		45	43	9	45	3	
	R Shape	50	43	9	50	3	



Please order as shown

Part Number		No.
Code	Cam	
XAU84		42
XAU85	F Shape	45
XAU84 — F — 42		



Discount price	
Per	1~4 5~
Price	100% Additional quotation



Delivery	
	6

Handle Push to Close ▶

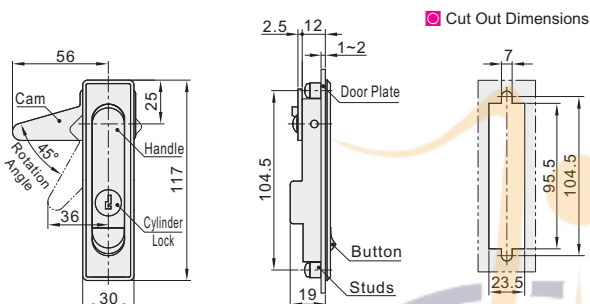
Single Point

Flat Lock

Code	Type		Material			Surface Treatment		
			Housing	Handle	Cam	Housing	Handle	Cam
XAT01	Handle Push to Close	With Cylinder Lock	ZDC	Q235		Electrophoresis (Black)		Zinc-plating
XAT02						Shot Blasted+Chrome plating		



XAT01



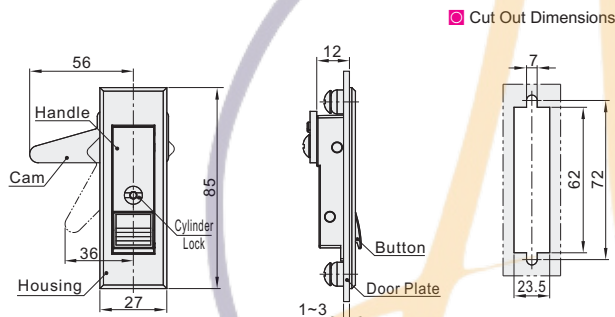
Cut Out Dimensions

Features:

- Application: Cam 45° rotation to open or lock;
- In common use both for left-opening and right-opening.

❗ Accessories: 2 keys.

XAT02

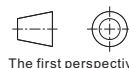


Cut Out Dimensions

Features:

- Application: Cam 45° rotation to open or lock;
- IP protection grade Ip40;
- In common use both for left-opening and right-opening.

❗ Accessories: 2 keys.



The first perspective

Part Number	
Code	Reference Weight(kg)
XAT01	0.209
XAT02	0.115



Please order as shown

Part Number	
Code	
XAT01	
XAT02	

XAT01



Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery	
	6

Flat Lock

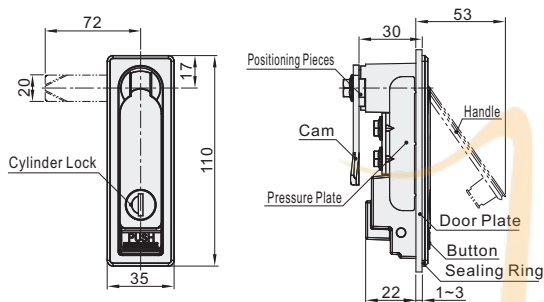
Freestanding Button/Integrated Type Button Single Point, Handle Press And Rotation Type

Freestanding Button

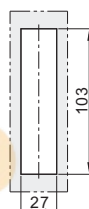
Code	Type		Material			Surface Treatment	
			Housing	Handle	Cam	Housing/Handle	Cam
XAT11	Freestanding Button	With Cylinder Lock	ZDC	Q235		Spray paint(white)	Zinc-plating
XAT12						Pocked black power coated	



XAT11



Cut Out Dimensions

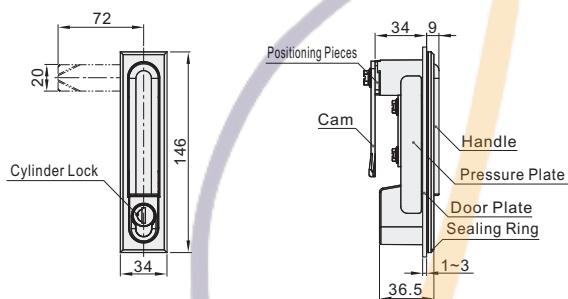


Features:

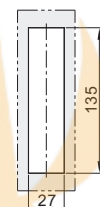
- Application: Cam 90° rotation to open or lock;
- IP protection grade IP 65;
- Sealing strip internal installation;
- It can be used by rotating to the left or right.

- ❗ The hole size of the lock tongue: □ 8×8.
- ❗ Accessories: 2 keys.

XAT12



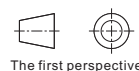
Cut Out Dimensions



Features:

- Application: Cam 90° rotation to open or lock;
- IP protection grade IP 65;
- Sealing strip internal installation;
- It can be used by rotating to the left or right.

- ❗ The hole size of the lock tongue: □ 8×8.
- ❗ Accessories: 2 keys.



Code	Reference Weight(kg)
XAT11	0.354
XAT12	0.408



Part Number
XAT11
XAT12



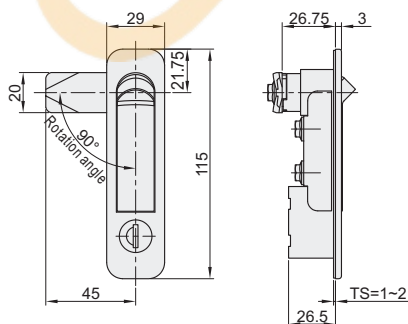
Discount price
Per 1~4 5~
Price 100% Additional quotation



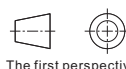
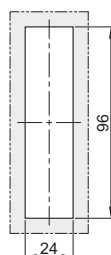
Delivery
6

Integrated Type Button

Code	Type		Material			Surface Treatment		Reference Weight (kg)
			Housing	Handle	Cam	Housing/Handle	Cam	
XAT46	Integrated Type Button	Single Point With Cylinder Lock	ZDC5	S45C		Spray silver paint	Zinc plating	0.3



Cut Out Dimensions



Code
XAT46



Discount price
Per 1~4 5~
Price 100% Additional quotation



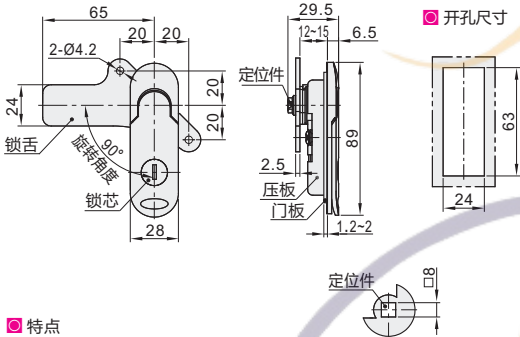
Delivery
8

代码	类型	材质			表面处理		
		基座	把手	锁舌	基座	把手	锁舌
XAT26	把手拉起 转动式	带锁芯	ZDC	碳钢	喷漆(银白)		镀锌
XAT27					喷涂黑色		
XAT68					喷漆(黑色)		
XAT29		ZDC5	Q235	喷砂铬		镀锌	
XAT69		无锁芯	ZDC	Q235	喷漆(银白)		镀蓝白锌
XAT70	喷塑(黑色)						



带锁芯 XAT26/68
无锁芯 XAT69/70

带锁芯 XAT27



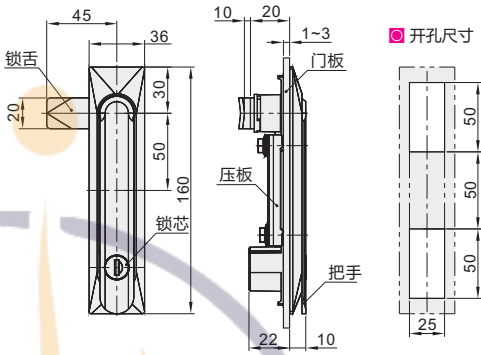
开孔尺寸

特点

- 锁舌旋转90°实现开启或锁闭功能;
- 可左旋和右旋开门;
- IP防护等级IP54;
- 密封条内安装。

带锁芯型配置钥匙: 2把

改变定位件与锁舌的放置角度, 实现左右开门。



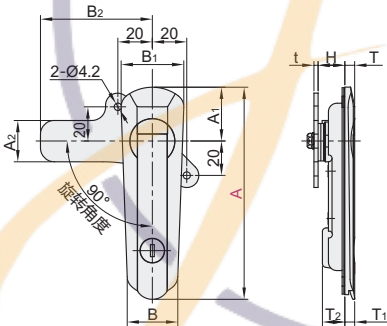
开孔尺寸

特点

- 锁舌旋转90°实现开启或锁闭功能;
- IP防护等级IP65;
- 密封条内安装。

配置钥匙: 2把

带锁芯 XAT29



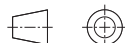
开孔尺寸

特点

- 锁舌旋转90°实现开启锁闭功能;
- 可左旋或右旋使用。

锁舌孔尺寸: 8×8

配置钥匙: 2把



视角标准: 第一视角

型号	参考重量 (kg)
代码	
XAT26	0.217
XAT27	0.420
XAT68	
XAT29	0.217
XAT69	
XAT70	

型号	A ₁	A ₂	B	B ₁	B ₂	T	T ₁	T ₂	H	t	a	b	a ₁	TS(适用门板厚度)	参考重量 (kg)
代码	A														
XAT29	93	25.75	24	28.5	33.5	65	6.5	6	12.5	14.5	2.3	62.5	23.5	12	0.205
	123	31				6			12.7			95.5		20	0.275
	151	33.5	25	29.5	36.5	72	6.5	5	13		3	117	26.5	13.5	0.34



请按图示订货

型号
代码
XAT28
XAT27
XAT26

型号
代码
XAT29
XAT29 — A123



未税价(元)

优惠价

数量 1~4 5~
价格 100% 另行报价



交货期

1

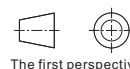
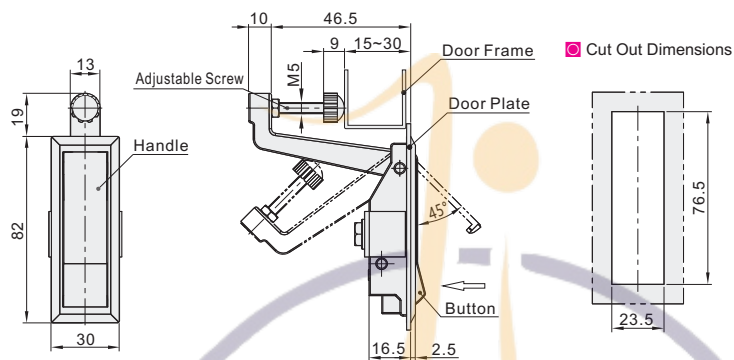
Compression Lever Type Flat Lock ◀ Handle Press Type



Code	Type		Material			Surface Treatment			Reference Weight (kg)
			Housing	Handle	Cam	Housing	Handle	Cam	
XAT31	Compression Lever Type Flat Lock	No Cylinder Lock	ZDC	Q235		Sand blast	Nickel plating	Zinc plating	0.162

Features:

- With locking function;
- Quick opening, convenient and quick installation;
- The adjusting screw can be applied to various spacing ranges.



The first perspective



Please order as shown

Code
XAT31



Discount price			
Per	1~4	5~	Additional quotation
Price	100%		



Delivery
6

Handle Press And Rotation Type ▶ Single Point

Compression Flat Lock

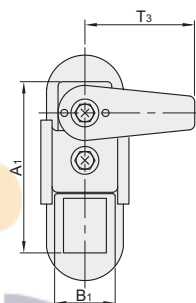
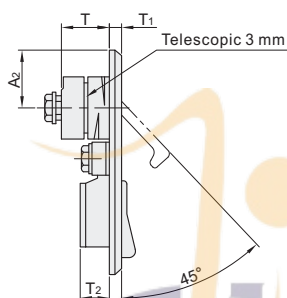
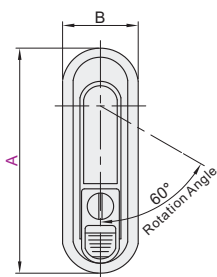
Code	Type	Groundwork Height	Cylinder Lock	Material	Surface Treatment
XAT81	Handle Press and Rotation Type	3	Have	ZDC	Champagne Plating
XAT82					Electrophoresis (Black)
XAT83			Without		Champagne Plating
XAT84					Electrophoresis (Black)

❑ Purpose: switchboards, electric control boxes, mechanical door locks.

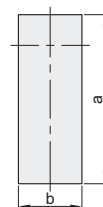
❑ Accessories: 2 keys (only XAT81, XAT82 configuration).



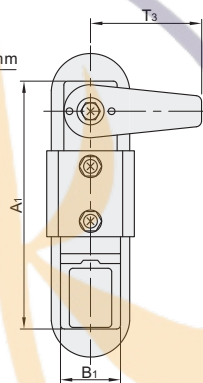
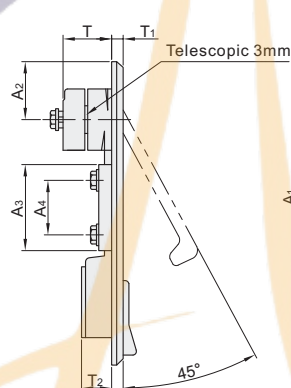
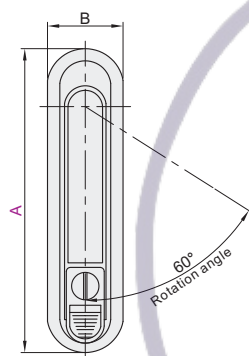
A: 82



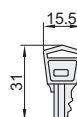
❑ Cut Out Dimensions



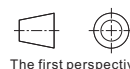
A: 110/138



Key
Applicable A82/110



Applicable A138



Part Number		A1	A2	A3	A4	B	B1	T	T1	T2	T3	Cut Out Dimensions		Reference Weight(kg)	
Code	A											a	b	with Cylinder Lock	No Cylinder Lock
XAT81	82	62	21	—	—	28	22	18	4	11	44.2	63	23	0.33	0.34
XAT82	110	90	22	31	20	28	22	18	4	11	44.2	91	23	0.38	0.39
XAT83	138	116	23.5	44	28.5	32	26	20	5	15	45	117	27	0.41	0.43



Please order as shown

Part number		A1
Code	A	
XAT81	82	62
XAT82	110	90

XAT81 — A82



Discount price		
Per	1~4	5~
Price	100%	Additional quotation



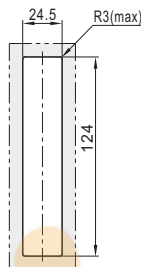
Delivery
6

6

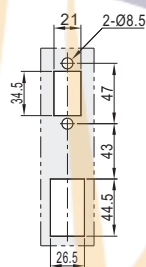
Rod Control Lock

Rod Control Lock

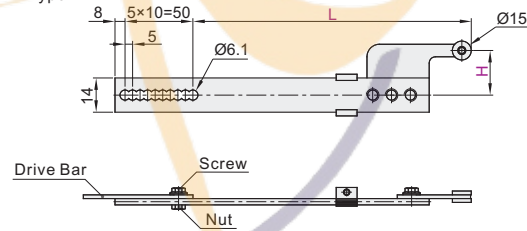
 Cut Out Dimensions



- **Cut Out Dimensions**



- ### A-Type



- 
- The first perspective

 Please order as shown	Part Number		L	H
	Code	Rod Latch System		
	XAU01	W (No)	—	—
	XAU02	A (A-Type)	500 500A	—
		B (B-Type)	500 1000	18.5 22.5



Delivery
6



Please order
as shown

Two Points/Three Points

XAU11

- Cam 90° rotation to open or lock;
- IP protection grade IP54;
- The sealing strip can be installed inside or outside.

Accessories: 2 keys.

 Cut Out Dimensions



- Cam 90° rotation to open or lock;
- IP protection grade IP65;
- The sealing strip can be installed inside or outside.

Accessories: Rod Latch System(Zinc-plated Steel)

A-Type



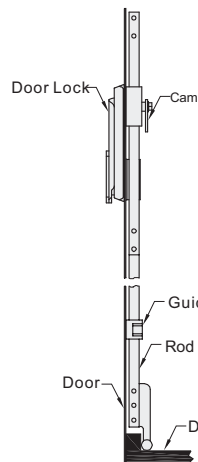
The first perspective

! The guide is screwed on M6×L16 welding screws or countersunk screws.

EX

A Type: Fixed point rod type

B Type: Rod roller type



Please order
as shown

XAU11—W
XAU11—A—L500
XAU11—B—L500—H20



Per	1~4	5~
Price	100%	Additional quotation



Delivery
6

Rod Control Lock

Key Drive Type Three Points



Code	Type	Cylinder Lock	Material		Surface Treatment		Reference Weight (kg)
			Housing	Cam	Housing	Cam	
XAU21	Key Drive Type	Double Bit	ABS	Q235	Spray Paint	—	0.206
XAU22				SUS304	(Silver)	—	0.41

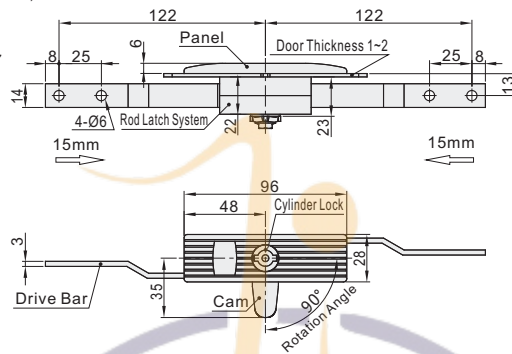
Features:

- Without handle, key rotated 90 to realize the open and the lock function;
- The lock point is variable;
- Can open the door with left or right rotation;
- IP protection grade IP40.
- Three-point locking is firm and reliable

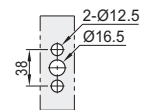
The hole size of the lock tongue: $\square 7 \times 7$

Accessories: 2 keys.

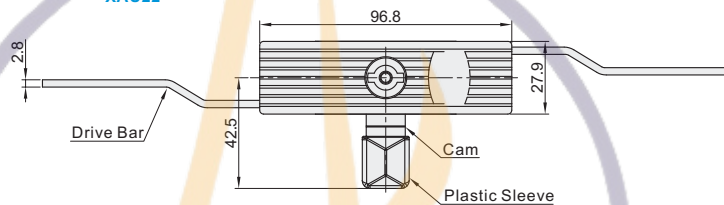
XAU21



Cut Out Dimensions



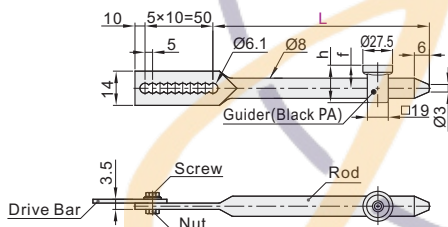
XAU22



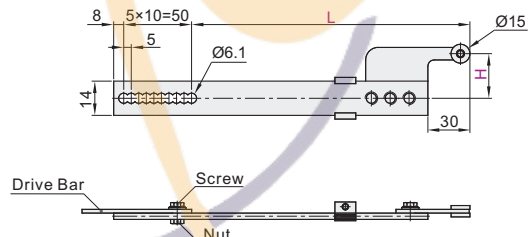
Other dimensions are the same as XAU21.

Accessories: Rod Latch System(Zinc-plated Steel)

A Type



B Type



Assembly method: Use screws to connect and fix the flat drive bar. The length of the connecting rod can be adjusted by charging the fixing hole, and each hole can be adjusted by 5mm.

The guide piece is screwed on M6×L16 welding screws or countersunk screws.



Part Number		L	H	h	f
Code	Rod Latch System				
XAU21 XAU22	W(No)	—	—	—	—
	A(A-Type)	500	—	32	24
		500A	—	38	30
		500B	—	42	34
		1000	—	32	24
	B(B-Type)	1000A	—	38	30
		1000B	—	42	34
		500	18.5 22.5 27.5 35	—	—
		1000	—	—	—



Part Number	L	H
Code Rod Latch System	—	—
W(No)	—	—
XAU21 A(A-Type)	500 500A	—
B(B-Type)	500 1000	18.5 22.5

XAU21—W
XAU21—A—L500
XAU21—B—L500—H18.5



Discount price	
Per	1~4 5~
Price	100% Additional quotation

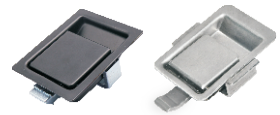


Delivery	
6	

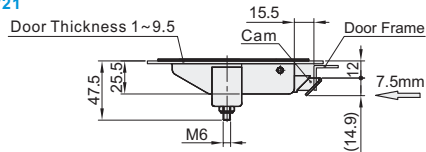
Panel Lock/Snap-Lock

Panel Lock

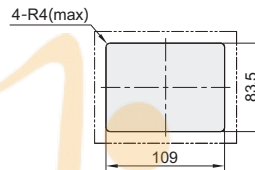
Code	Type		Material			Surface Treatment			Reference Weight (kg)
			Panel	Handle	Cam	Panel	Handle	Cam	
XAV21	Pull to Open	No Cylinder Lock	Q235	SUS304		Electrophoresis(Black)		Zinc Plating	0.472
XAV22			SUS304			Polishing Wire Drawing		Natural Color	0.073



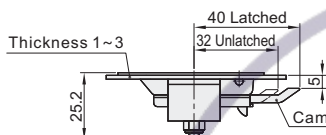
XAV21



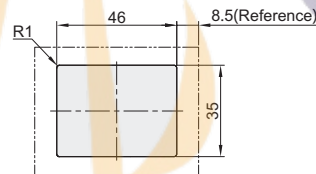
✿ Cut Out Dimensions



XAV22

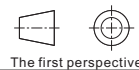


✿ Cut Out Dimensions



✿ Features:

Made of stainless steel with excellent corrosion resistance performance.



Please order as shown

Code

XAV21
XAV22



Discount price

Per 1~4 5~
Price 100% Additional quotation



Delivery

6

Snap-Lock

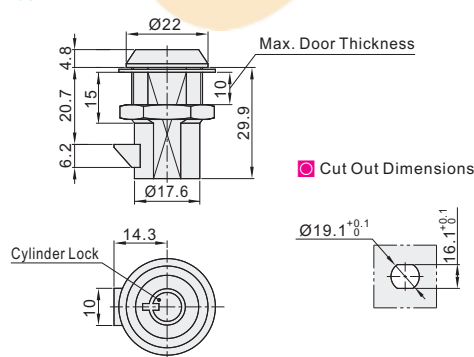
Code	Type		Material			Surface Treatment		
			Housing	Gasket	Nut	Housing	Gasket	Nut
XAV35	Automatic Reset	With Cylinder Lock	ZDC	S45C	S45C	Chrome plated	Zinc plating	Zinc plating
XAV36	Round Lock	No Cylinder Lock	ZDC	—	ZDC	Chrome plated	—	Chrome plated

✿ Features: The door can be locked firmly by closing it.

✿ Accessories: 2 keys. (only XAV35 configuration)

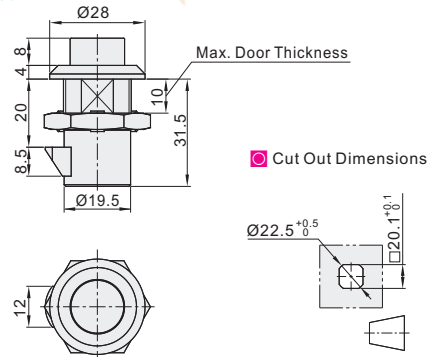


With Cylinder Lock
XAV35



✿ Cut Out Dimensions

No Cylinder Lock
XAV36



✿ Cut Out Dimensions

The first perspective

Part Number	Reference Weight (kg)
Code	
XAV35	0.08
XAV36	0.09



Please order as shown

Part Number

Code
XAV35
XAV36

XAV35



Discount price

Per 1~4 5~
Price 100% Additional quotation



Delivery

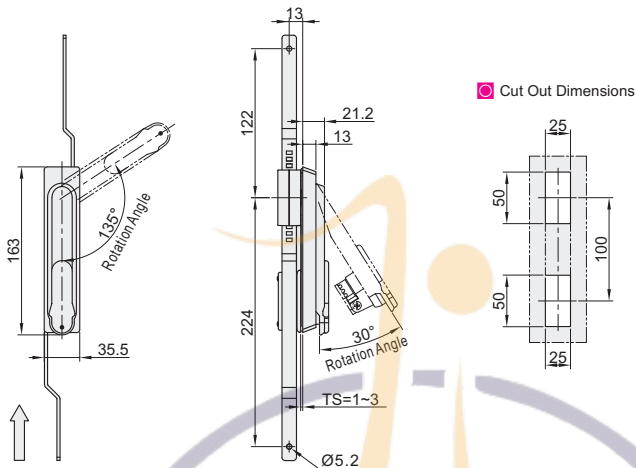
6

Handle Pull To Open And Rotation Type ▶

Two Points

Rod Control Lock

Code	Type		Material			Surface Treatment			Reference Weight (kg)
			Housing	Handle	Rod Catcher	Housing	Handle	Rod Catcher	
XAT97	Handle Pull To Open and Rotation Type	With Cylinder Lock	SUS316			Wire Drawing			0.854



❗ When rotated 90°, it shrinks 15mm in this direction.



Please order as shown

Code
XAT97



Discount price		
Per	1~9	10~
Price	100%	Additional quotation



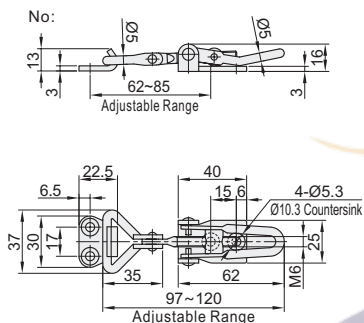
Delivery
6

Code	Type	Material	Surface Treatment
HFQ46	Medium Load Type	SUS304	—

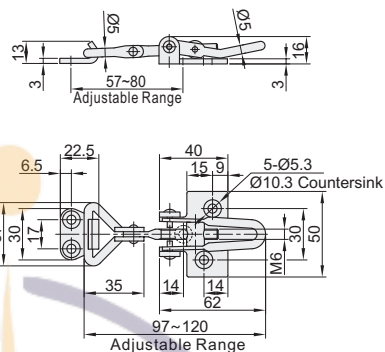
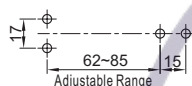


No. : 25

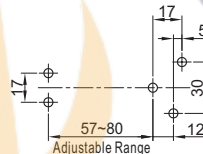
No. : 50



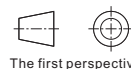
Mounting Hole Pitch



Mounting Hole Pitch



❗ After installing the Snap Locks, it can be adjusted approximately 23 mm.



Part Number		Pull Force*	Reference Weight
Code	No.	(kgf)	(kg/pcs)
HFQ46	25	60	0.09
	50		0.10

❗ *Pull force is for 1 mm pull distance.



Part Number	
Code	No.
HFQ46	25
HFQ46	50

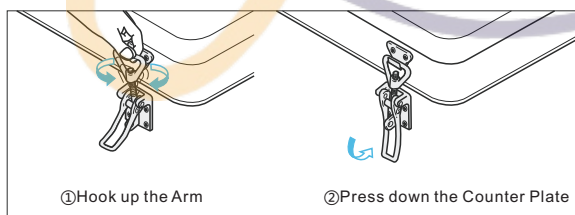
HFQ46—25



Discount price	
Per	Price
1~4	100%
5~	Additional quotation



Delivery	
Per	Price
1~4	6
5~	Additional quotation



Spring Draw Latch

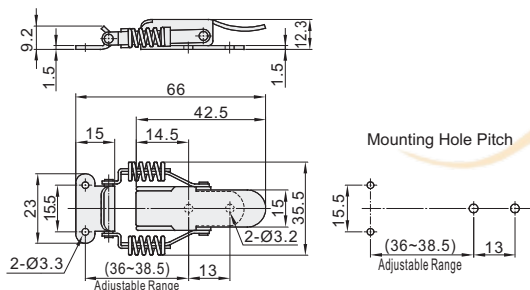
Adjustable Type

Code	Type	Material	Surface Treatment
HFQ71	Spring Loaded	SUS304	Barrel Grinding
HFQ72			Tumble Polish
HFQ73			Vibration polishing
HFQ74			Grind-polishing

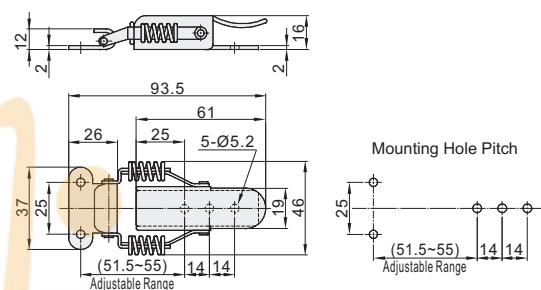
Features: The draw latch is suitable for doors or covers that need to be dust-proof and leak-proof.



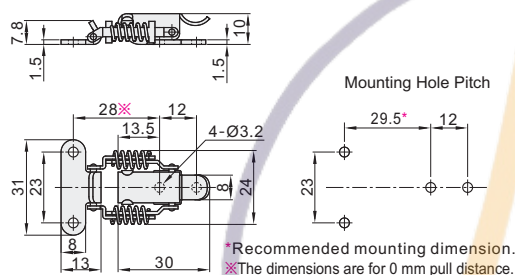
HFQ71
No. : 66



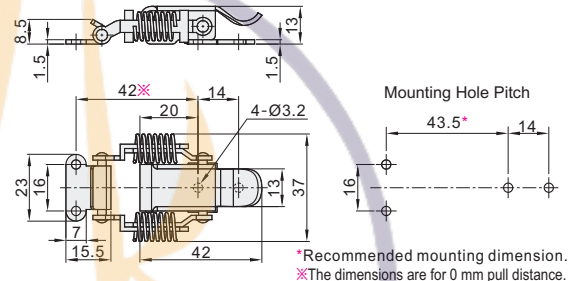
HFQ71
No. : 93



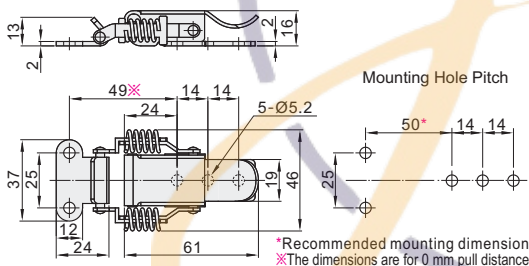
HFQ72
No. : 30



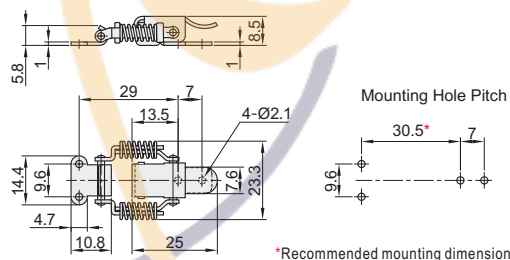
HFQ72
No. : 40



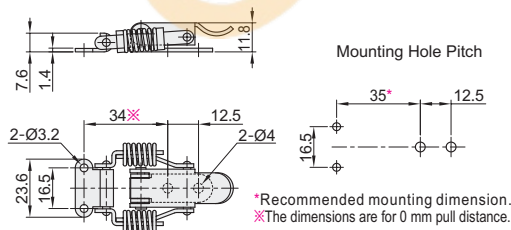
HFQ72
No. : 60



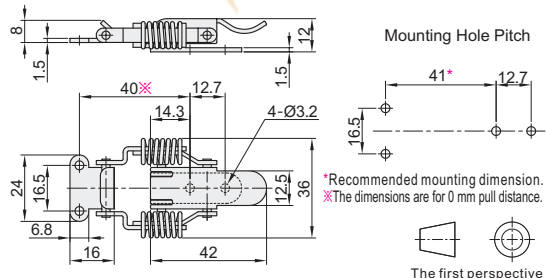
HFQ73
No. : 25



HFQ74
No. : 34



HFQ75
No. : 40



The first perspective

Part Number	Reference Weight(kg/pcs)
Code No.	
HFQ71 66	0.03
HFQ71 93	0.09

Part Number	Reference Weight (kg/pcs)
Code No.	
HFQ72 30	0.01
HFQ72 40	0.04
HFQ72 60	0.07

Part Number	Pull Force (kgf)	Reference Weight (kg/pcs)
Code No.		
HFQ73 25	2	0.01

Part Number	Reference Weight(kg/pcs)
Code No.	
HFQ74 34	0.03
HFQ75 40	0.04

Part Number	Reference Weight (kg/pcs)
Code No.	
HFQ71 66	0.03
HFQ71 93	0.09



Please order as shown



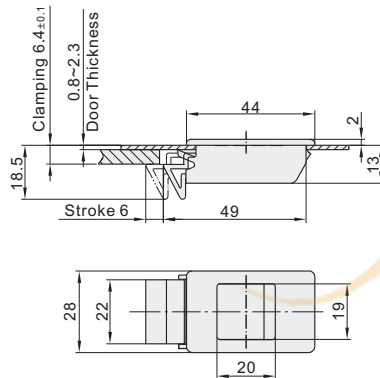
Discount price
Per 1~4 5~
Price 100% Additional quotation

Delivery
6

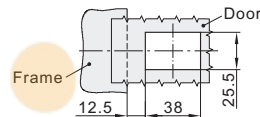
Snap Lock

◀ Quick Installation

Code	Type	Material	Color
HFQ81	Quick Installation	PA	Black



Cut Out dimensions



The first perspective

Part Number		Applicable Door Thickness	Retention Force (kgf)	Reference Weight(kg/pcs)
Code	No.			
HFQ81	28	0.8~2.3	5	0.011



Please order as shown

Part Number		Applicable Door Thickness
Code	No.	
HFQ81	28	0.8~2.3

HFQ81—28



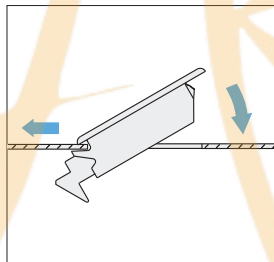
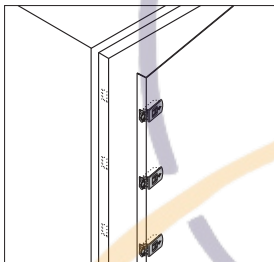
Discount price		
Per	1~4	5~
Price	100%	Additional quotation



Delivery	
Per	1~4
Price	6



Example



Corner Snap Locks

Code	Type	Material	Surface Treatment
HGA01	Parallel Mount Type	SUS304	Electrolytic Polishing
HGA06	Perpendicular Mount Type		

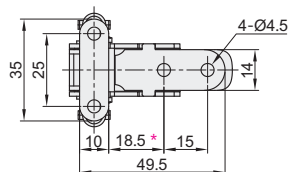
Features

- With locking function, anti-vibration, can prevent accidental tripping.
- Installed on the corner of the box, it can be fastened and unfastened from the front of the door.

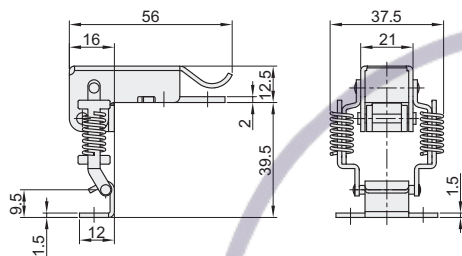


Parallel Mount Type

HGA01

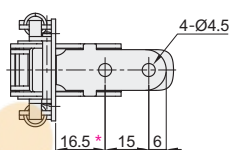


*The dimensions are for 0 mm pull distance.

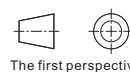
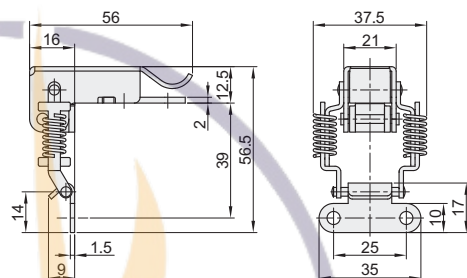


Perpendicular Mount Type

HGA06



*The dimensions are for 0 mm pull distance.



Part Number		Pull Force (kgf)	Reference Weight (kg/pcs)
Code	No.		
HGA01	56	4.5	0.06
HGA06			



Please order as shown

Part Number	
Code	No.
HGA01	56
HGA06	

HGA01—56



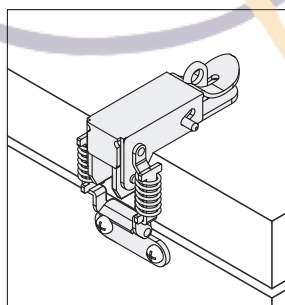
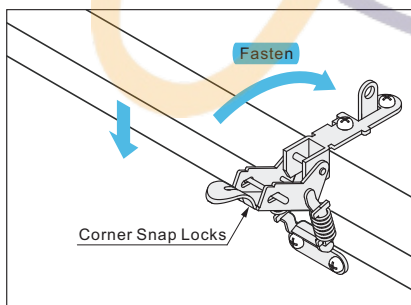
Discount price	
Per	1~4
Price	100%



Delivery	
Per	1~4
Price	100%

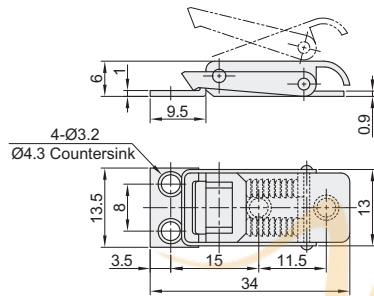


Example

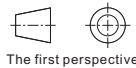
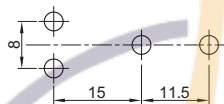


Spring Draw Latch

Code	Type	Material	Surface Treatment
HGA71	Spring Draw Latch	SUS304	Vibration Polishing



Mounting Hole Pitch



The first perspective

Part Number		Reference Weight (kg/pcs)
Code	No.	
HGA71	34	0.006



Please order
as shown

Part Number	
Code	No.
HGA71	34



Discount price		
Per	1~9	10~
Price	100%	Additional quotation

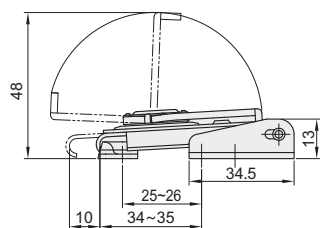


Delivery
8

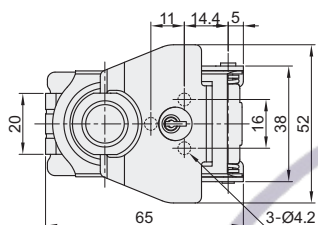
Draw Latch With Spring

◀ With Lock Type Adjustable Type

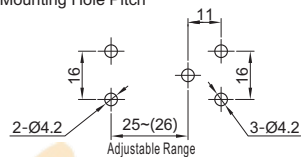
Code	Type	Material	Surface Treatment
HGB01	With Lock Type	SPCC	Chrome Plating
HGB06		SUS304	



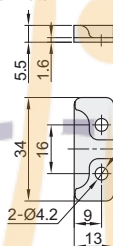
*Recommended mounting dimension.



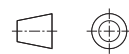
Mounting Hole Pitch



Counter Plate



Key



The first perspective

Part Number		Reference Weight (kg/pcs)
Code	No.	
HGB01	65	0.11
HGB06		



Please order
as shown

Part Number		Reference Weight (kg/pcs)
Code	No.	
HGB01	65	0.11
HGB06		

HGB01-65



Discount price		
Per	1~4	5~
Price	100%	Additional quotation



Delivery	
6	

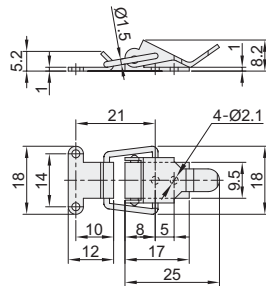
Draw Latch

◀ Light Load Type

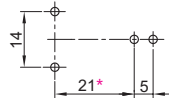
Code	Type	Material	Surface Treatment
HFQ16	Light Load Type	SUS304	Tumble Polished Gloss



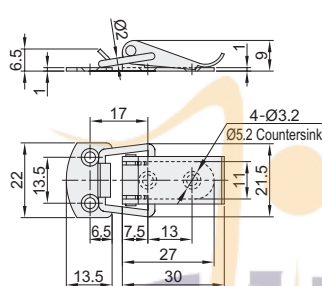
No. 18



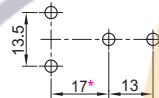
Mounting Hole Pitch



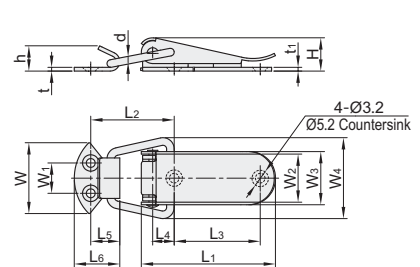
No. 22



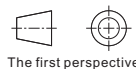
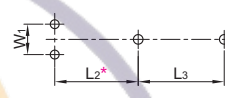
Mounting Hole Pitch



No. 24/28



Mounting Hole Pitch



The first perspective

*The dimensions are for 0 mm pull distance.

Part Number		W	W ₁	W ₂	W ₃	W ₄	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	d	H	h	t	t ₁	Pull Force (kgf)	Reference Weight (kg/pcs)
Code	No.																		
HFQ16	24	24	10	13	16	26	38	30	23	7	11	19	3	9.5	8	1.2	1	10	0.02
	28	28	12	15	21	32	53	33	34	8.5	11.5	18		13	9	1.5	1.5	15	0.04

Part Number		Pull Force (kgf)	Reference Weight (kg/pcs)
Code	No.		
HFQ16	18	5	0.01
	22	8	



Please order as shown

Part Number	
Code	No.
HFQ16	24
	28

HFQ16—24



Discount price	
Per	Price
1~4	100%
5~	Additional quotation



Delivery	
Per	Price
1~4	6
5~	

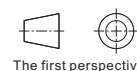
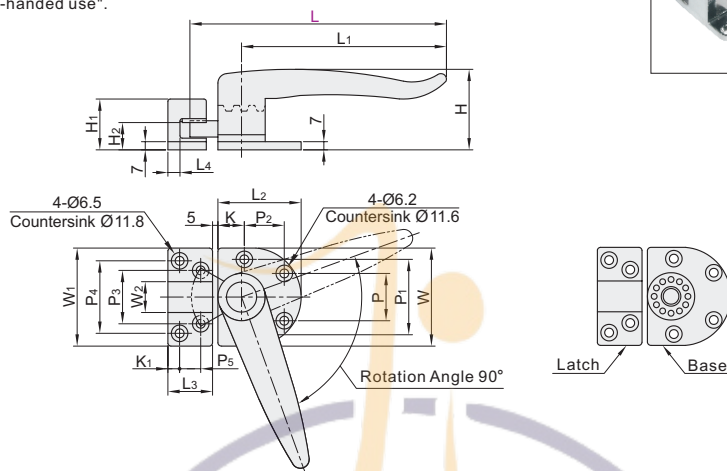
Standard Type/Straight Handle Type ▶ For Large Doors

Airtight Latches

Standard Type

Code	Type	Material	Surface Treatment
FHS21	Standard	For Left-Hand Use	ZDC
FHS26	Type	For Right-Hand Use	Chrome Plating

① The figure shows "right-handed use".



Part Number	L	L1	L2	L3	L4	W	W1	W2	H	H1	H2	P	P1	P2	P3	P4	P5	K	K1	Reference Weight (kg/pcs)
FHS21 FHS26	200	157	74	32	10.4	83.5	83.5	28.5	68	43.6	23.4	35	67	32	55	65.5	16.5	30.3	8	0.12



Part Number	Code	L
FHS21	FHS21	200
FHS26	FHS26	200



Discount price	Per	1~4	5~
Price	100%	Additional quotation	

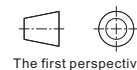
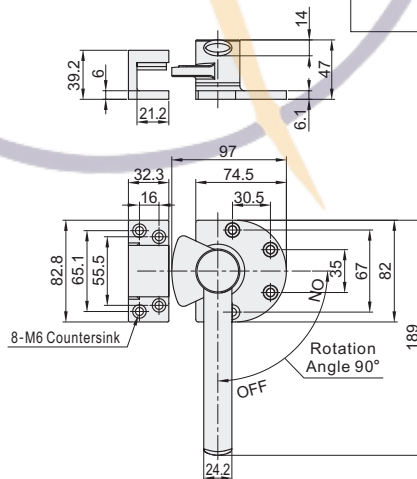
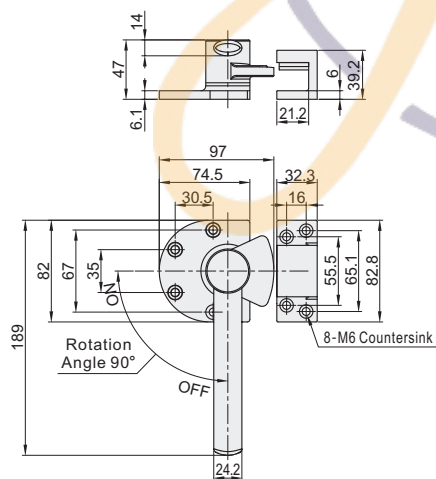


Straight Handle Type

Code	Type	Material	Surface Treatment
FHS51	Straight Handle	For Left-Hand Use	SUS304
FHS52	Type	For Right-Hand Use	Mirror Polish

For Left-Hand Use
FHS51

For Right-Hand Use
FHS52



Part Number	Thermal Insulation	Reference Weight (kg/pcs)
Code	No.	
FHS51	N(No)	0.15
FHS52	Y(Have)	0.153



Part Number	Code	No.	Thermal Insulation
FHS51	FHS51	N(No)	Y(Have)
FHS52	FHS52	Y(Have)	



Discount price	Per	1~4	5~
Price	100%	Additional quotation	



Airtight Latches

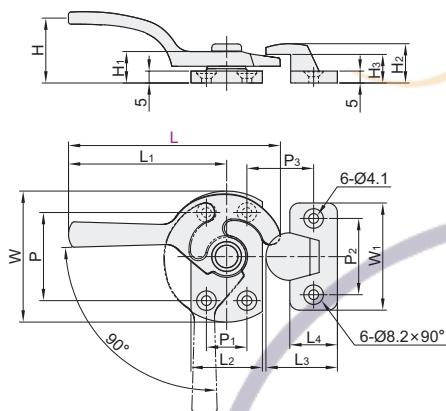
◀ Fastening Type For Heavy Doors

Code	Type		Material	Surface Treatment
FHS01	Fastening	For Left-Hand Use	SUS304	Mirror Polish
FHS11	Type	For Right-Hand Use		



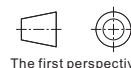
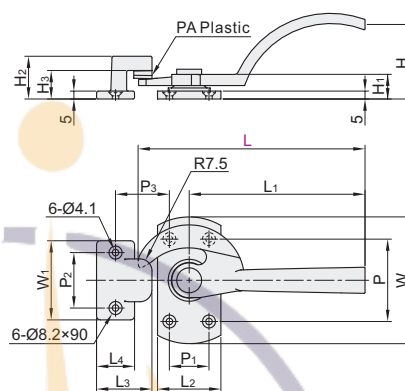
L: 89/113/125/140/170

① The figure shows "left-handed use".



L: 140A

② The figure shows the dust-proof type and the For Right-Hand Use.



The first perspective

Part Number	Dust-proof	L ₁	L ₂	L ₃	L ₄	W	W ₁	H	H ₁	H ₂	H ₃	P	P ₁	P ₂	P ₃	Reference Weight (kg/pcs)
Code	L															
89		65.5	30	30	20	55	45	29	12.5	14.5	10	37	17	32	28	0.15
113	Not Specified	85.5				60			13			40	20			0.194
125	(Without dust-proof)	98	32	31.5	23	65		39	14	17	11	43	22	35	30	0.21
140		109	40	35	24	80	50	45	14.5	18	13	52	25	34	34	0.29
170		127	45	40	28	90	52	49	16.8	19	14.5	70	34	40	43	0.45
140A	Y (With dust-proof)	109	40	35	24	80	50	45	14.5	27	18	52	25	35	34	0.35



Please order as shown

Part Number	Dust-proof
Code	L
FHS01	Not Specified
FHS11	Y (With dust-proof)
FHS01—L170	



Discount price		
Per	1~5	6~
Price	100%	Additional quotation



Delivery
6

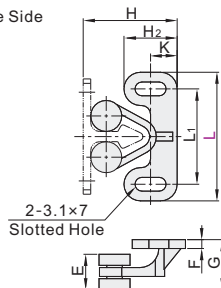
Plastic Catches/Push LatchResin Catches

Plastic Catches

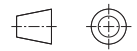
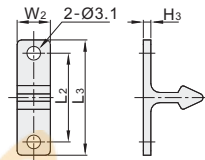
Code	Type	Installation Type	Material		Color
			Main Body	Roller	
HFW71	Standard Type	Exterior Type	POM	POM	Natural Color



Female Side



Male Side



The first perspective

Part Number		L1	L2	L3	H	H2	H3	E	F	G	K	W2	Retention Force (kgf)	Latching Force (kgf)	Reference Weight (kg/pcs)
Code	L														
HFW71	29	21.5	20	26	21.2	12	1.7	8	2	11.3	6	7.5	1.1	1.6	0.03



Please order as shown

Part Number	
Code	L
HFW71	29
HFW71—L29	



Discount price	
Per	Price
1~4	100%
5~	Additional quotation



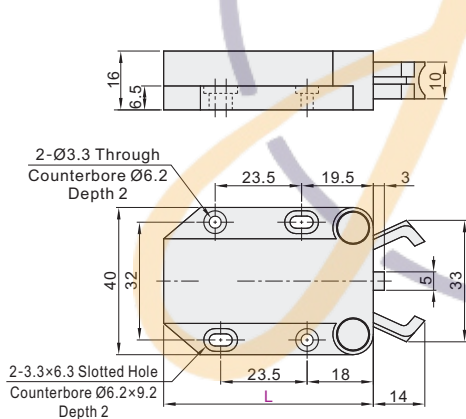
Delivery	
Per	Price
1~4	100%
5~	Additional quotation

Push LatchResin Catches

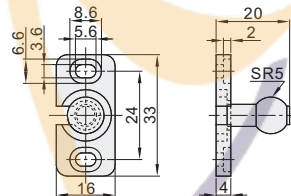
Code	Type	Installation Type	Material	Color
HFW41	Tighter Type	Exterior Type	ABS	Black



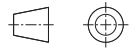
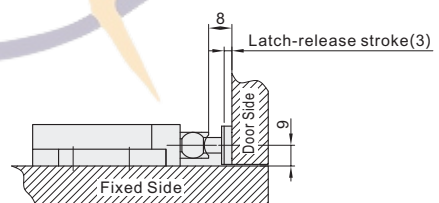
Female Side



Male Side



Example



The first perspective

Part Number		Retention Force (kgf)	Reference Weight (kg/pcs)
Code	L		
HFW41	57	8	0.024



Please order as shown

Part Number	
Code	L
HFW41	57
HFW41—L57	



Discount price	
Per	Price
1~4	100%
5~	Additional quotation

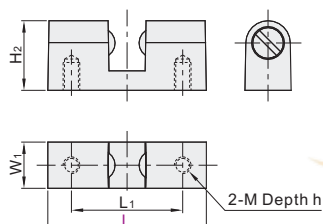


Delivery	
Per	Price
1~4	100%
5~	Additional quotation

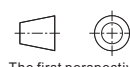
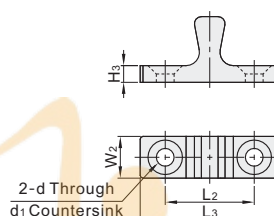
Ball Catches



Female Side



Male Side



The first perspective

Part Number		L1	L2	L3	H2	H3	h	W1	W2	d	d1	M	Retention Force (kgf)	Unlatching Force (kgf)	Reference Weight (kg/pcs)
Code	L														
HFW61	28.5	20	16	25	12.5	3	5	8.3	7.5	3.2	6.4	M3	3.6	2.4	0.018
	48	34	32	42	20.5	4	6	13.5	11	4.2	8.4	M5	4.1	3.9	0.075



Please order as shown

Part Number	L1
Code L	
HFW61	20
	34

HFW61—L48



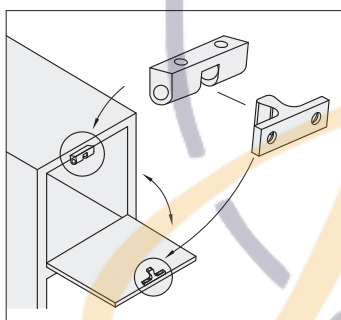
Discount price
Per 1~4 5~
Price 100% Additional quotation



Delivery
6



Example



Can also be used for vertical locking.

Use left and right ▶

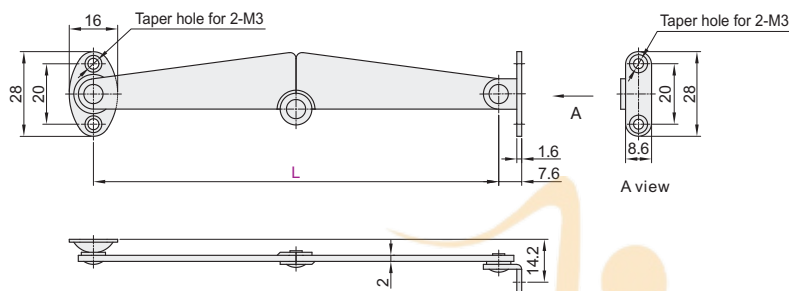
For General Doors, 2-Point Stopper

Automatic Locking Type Rotation Latches

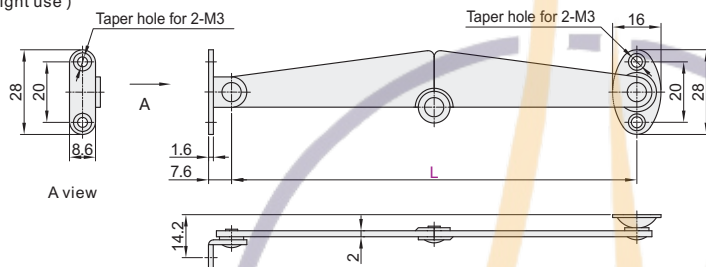
Code	Type	Material	Surface Treatment
HFX03	2-Point Stopper	SPCC	Chrome Plating

❗ The drawing is for left-hand use.

L(Left use)



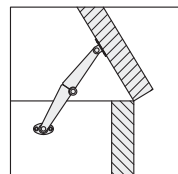
R(Right use)



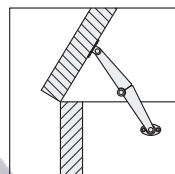
Inventory

EX
Example

Left use example

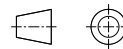


Right use example



❗ When closing the door, operate while pulling the center rivet (X in up figure) toward you.

❗ When installing this stay to sheet metal, be sure to perform thread relief processing (chamfering) on the mounting surface side (cabinet side). In this way, screw head will not protrude when the stay is fixed.



The first perspective

Code	Part Number	Right & Left	Reference Weight (kg/pcs)
HFX03	L 106	L(For Left Side)	0.02
	R 134	R(For Right Side)	0.03



Please order as shown

Part Number	Right & Left
Code L	
HFX03	L 106 R 134

HFX03—L106—L



Discount price
Per 1~4 5~
Price 100% Additional quotation



Delivery
6

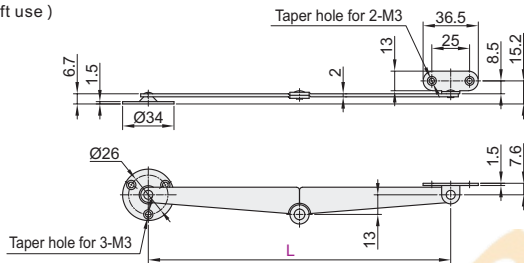
Automatic Locking Type Rotation Latches

Use left and right/with Catch Mechanisms
For General Doors, 3-Point Stopper

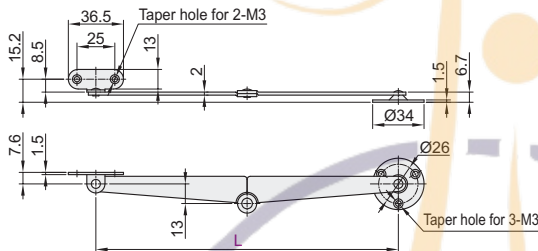
Use left and right

Code	Type	Material	Surface Treatment
HFX06	3-Point Stopper	SUS304	—

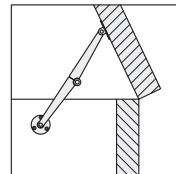
L (Left use)



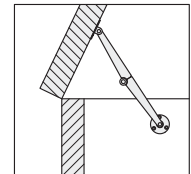
R (Right use)



Left use example



Right use example



- When closing the door, operate while pulling the centerivet (※ in up figure) toward you.
- when installing this stay to sheet metal, be sure to perform thread relief processing (chamfering) on the mounting surface side (cabinet side). In this way, screw head will not protrude when the stay is fixed.



Part Number	Right & Left	Reference Weight (kg/pcs)
Code L	L (For Left Side) R (For Right Side)	0.07
HFX06	200	



Part Number	Right & Left
Code L	L (For Left Side) R (For Right Side)
HFX06	200
HFX06—L200—L	



Discount price
Per 1~4 5~
Price 100% Additional quotation

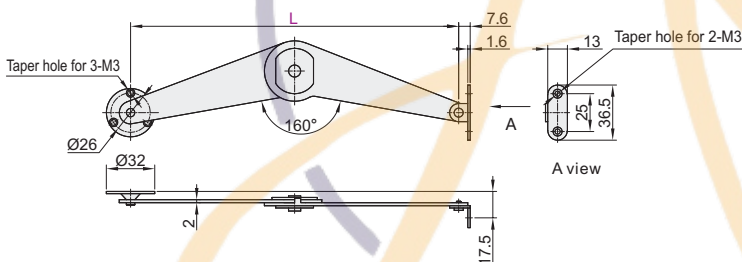


Delivery
6

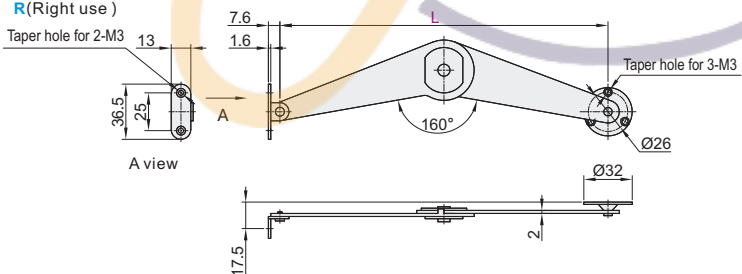
with Catch Mechanisms

Code	Type	Material	Surface Treatment
HFX08	3-Point Stopper	Q235	Chrome Plating

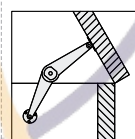
L (Left use)



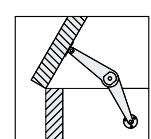
R (Right use)



Left use example



Right use example



- Catch mechanism may not work, depending on door weight.
- when installing this stay to sheet metal, be sure to perform thread relief processing (chamfering) on the mounting surface side (cabinet side). In this way, screw head will not protrude when the stay is fixed.

The latches click when open at 160° before being fixed by the catch mechanism.;
The catch mechanism can be released when firmly pushed at the ends of the latches (e.g. with hands).

Part Number	Right & Left	Reference Weight (kg/pcs)
Code L	L (For Left Side) R (For Right Side)	0.13
HFX08	217	



Part Number	Right & Left
Code L	L (For Left Side) R (For Right Side)
HFX08	217
HFX08—L217—L	



Discount price
Per 1~4 5~
Price 100% Additional quotation



Delivery
6

Automatic Locking Type Stretch Latches

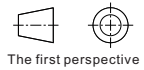
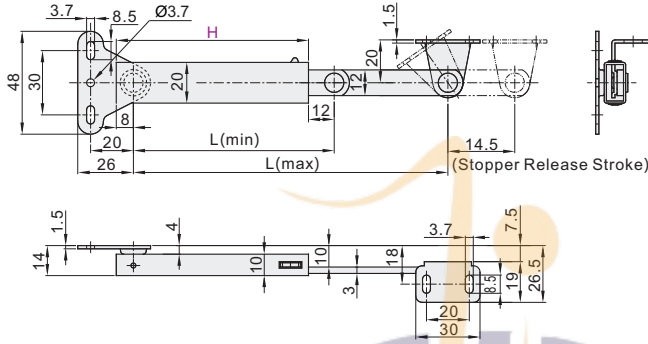
Stretch to Unlock

For General Door, 2-Point Stopper

Code	Type	Material	Surface Treatment
HFX33	2-Point Stopper	SUS304	Wire Drawing



Inventory



The first perspective

Part Number		L(max)	L(min)	Load (kgf)	Reference Weight (kg/pcs)
Code	H				
HFX33	100	135	104	15	0.10
	129	195	133		0.13
	166	270	170		0.15



Please order as shown

Part Number		
Code	H	L
HFX33	100	135
	129	195

HFX33—H100



Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery

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