

# PRODUCT CATALOGUE - 2020



# N-RACK

[www.nrack.com](http://www.nrack.com)

KEY LOCKS | PANEL LOCKS | 3 POINT LOCKS | HANDLE & KNOBS | HINGES | AIRVENTS  
GASKETINGS | CANOPY LOCKS | OTHER ACCESSORIES

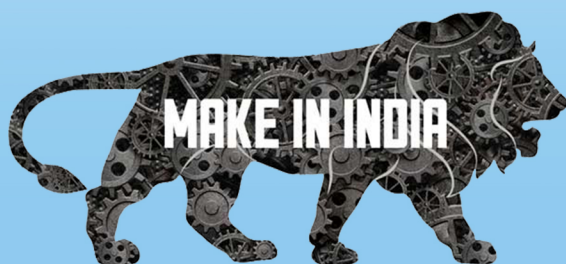


## Brief Introduction

**N-Rack Accessories Private Limited** was established in the year 2000 with a dream to offer a wide range of control panel accessories and industrial hardware's. Since then, the company N-Rack Accessories has emerged as a leading name in the manufacturing of control panel accessories and industrial hardware's.

With the more than two decade long experience and expertise the company has proclaimed victory by making a name to reckon with in the field of Control panel accessories and other industrial hardware's.

with cutting-edge engineering capabilities N-Rack seamlessly blends the cost-effective products in India with the demanding expectations of many OEMS in all over India and as well as global clients . With world class machinery in their manufacturing units N - Rack manufactures and markets a wide range of products which are used globally like stainless steel locks and hinges, Key locks, Compression locks, Panel Locks, Hinges, Canopy Locks, Handles, EPDM gaskets, panel fastener, Air vents, 3-point Locks, Multi-point locks and much more which are widely used in Networking Racks, Control panels - Switch gears, Generator enclosures, Railway industry, Renewable energy industry and medical equipments.



We ensure the topmost quality of their products, the company always abides by international standards and specifications. With **ISO certification 9001:2015** the commitment of N-Rack towards quality, diligence, technical expertise, customer orientation and time is reflected in every service they provide and the products they manufacture.

With the vision to deliver quality products, excellent service and to reach the global market, N-Rack aims to expand its reach globally as a one-stop solution for control panel accessories and industrial hardware which currently has its export markets in Australia, Europe, Middle East, Srilanka, Africa, USA and many other countries.

With top quality products, N - Rack holds the honor of having a prestigious chain of happy and satisfied customers within India as well as globally. N Rack also welcome's any products enquiry which can be customized as per your requirements.

Our Motto is to Deliver **“Quality Accessories and Hardware’s to valuable customers at competitive prices”**

The team N Rack strongly believes that **Customer are the life line of our business.**



# ISO CERTIFICATION

## Certificate of Registration

This is to Certify that  
Quality Management System of

**N RACK ACCESSORIES PVT. LTD.**

NO.440, II MAIN ROAD, NAGRABHAVI II STAGE, 9TH BLOCK,  
BANGALORE-560072, KARNATAKA, INDIA

has been assessed and found to conform to the requirements of

### ISO 9001:2015

for the following scope :

**ASSEMBLY AND SUPPLY OF LOCKING DEVICES, PIVOTED  
JOINTS AND OTHER ACCESSORIES**

<b>Certificate No</b>	<b>18IQBI42</b>		
<b>Initial Registration Date</b>	: 30/04/2018	<b>Issuance Date</b>	: 30/04/2018
<b>Date of Expiry*</b>	: 29/04/2021		
<b>1st Surve. Due</b>	: 30/03/2019	<b>2nd Surve. Due</b>	: 30/03/2020

ISO 9001:2015



**Director**  
**AQC MIDDLE EAST FZE.**



Head Office: E1-1401 E Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2, Ajman, UAE. e-mail : [info@aqcworld.com](mailto:info@aqcworld.com)  
India Office (Marketing): 403, Madhuban Building, 55, Nehru Place, New Delhi - 110019, India.

\*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal).

**Certificate Verification:** Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or [www.aqcworld.com](http://www.aqcworld.com) at Active Clients.  
Certificate is the property of AQC Middle East FZE and shall be returned immediately when demanded

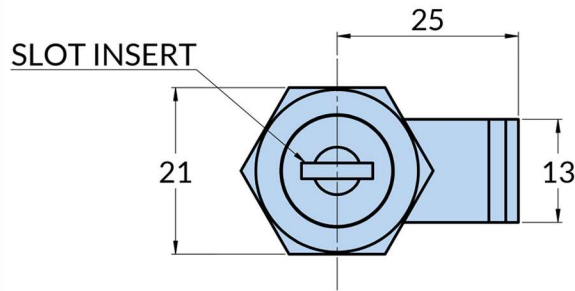
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Key Locks



KL - 01



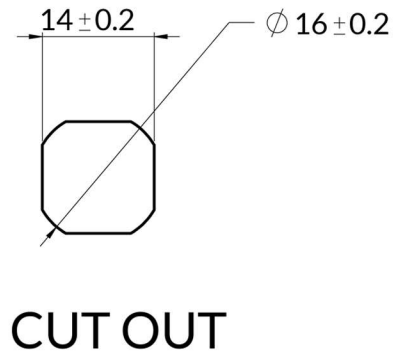
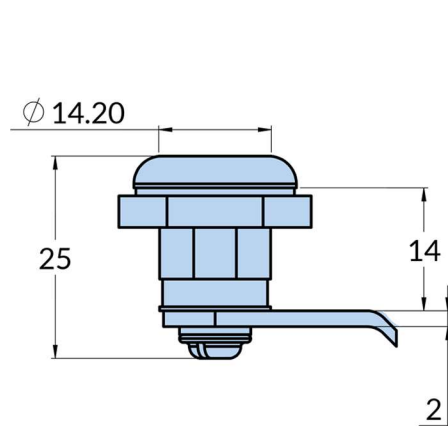
Panel Locks

Plane Locks

3Point Locks  
(Round & Flat)



KL - 01 A



Handle &  
Knobs

- Material: Zinc Die Casting-Body, Steel-Cam, Steel key With Plastic Moulded
- Finish: Chrome Plating

Hinges

Airvents

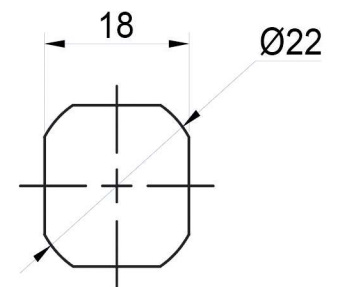
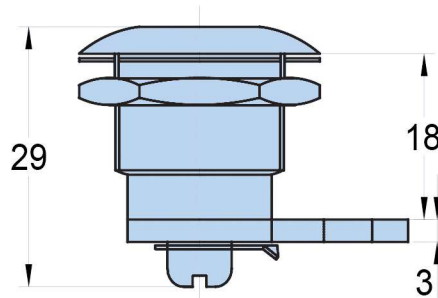
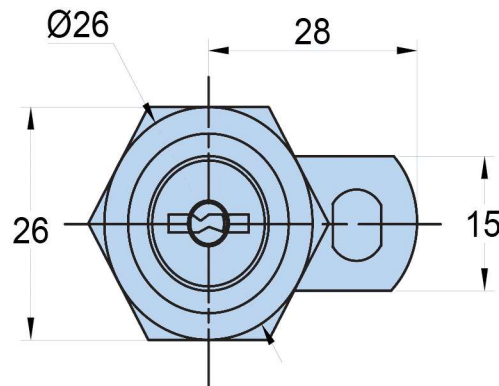
Gasketing

Canopy Locks

Other  
Accessories



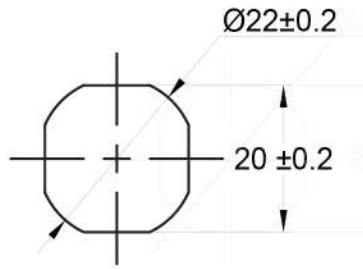
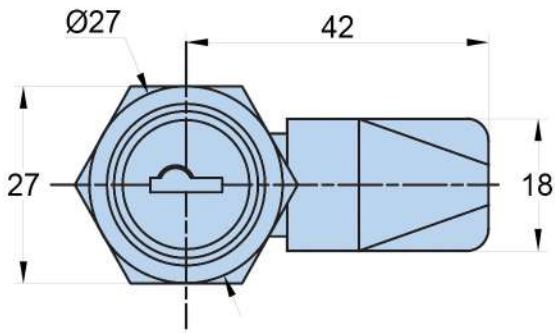
KL - 02



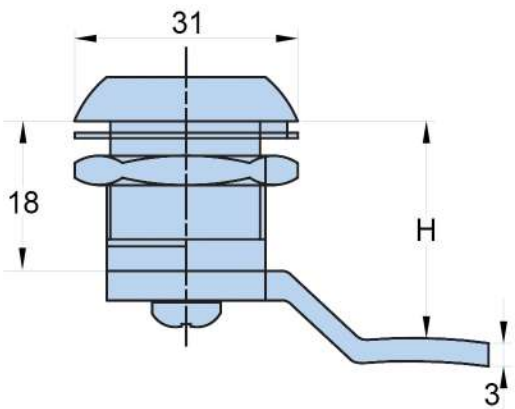
CUT OUT

- Material: Zinc Die Casting-Body, Steel-Cam, Steel With Plastic Moulded
- Finish: Chrome Plating

Diffrent Key Combination Available on request



**CUT OUT**

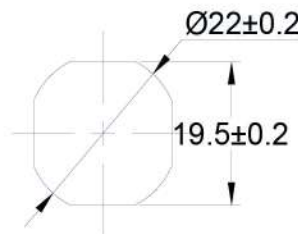
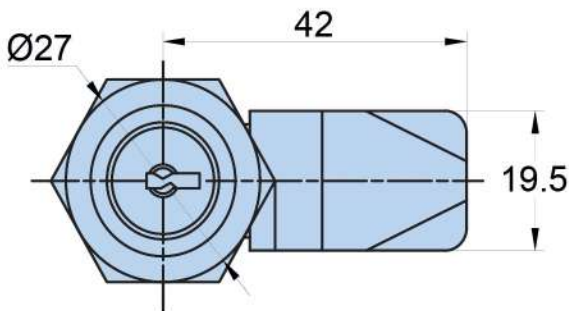


H	
20	20
25	25
30	30
35	35

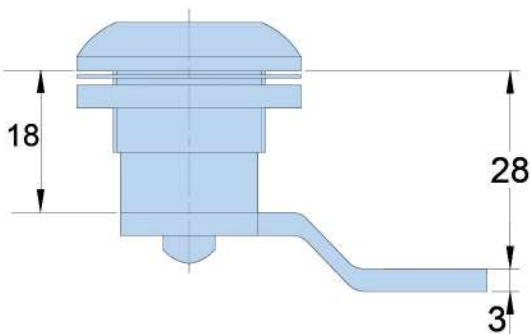


**KL - 04**

- Material: Zinc Die Casting-Body
- Finish: Chrome Plating



**CUT OUT**



**KL - 04 A**

- Material: Zinc Die Casting-Body, Steel-Cam, Steel Key
- Finish: Chrome Plating



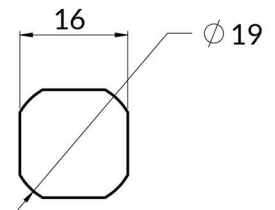
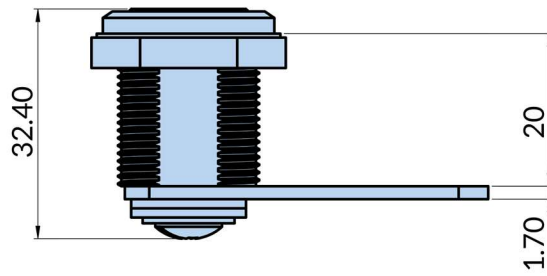
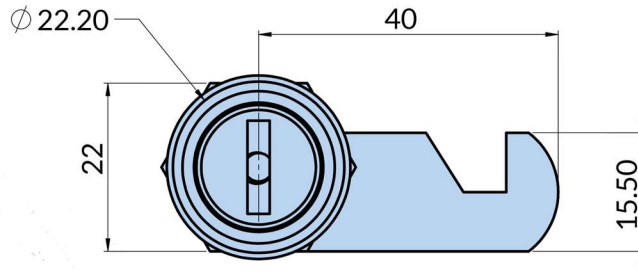
**5000 DIFFERENT/UNIQUE KEY COMBINATION AVAILABLE ON REQUEST**

**Key Numbers Will Be On Lock Facia & Keys**



**KL 05 - 3**

- Material: Zinc Die Casting
- Finish: Chrome Plating

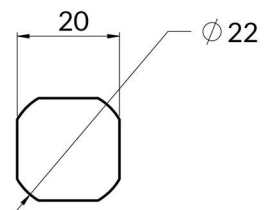
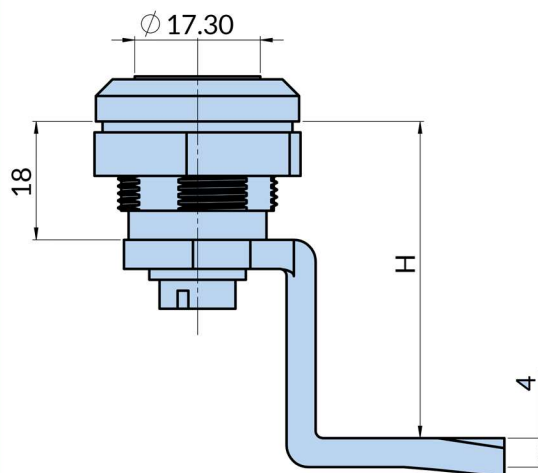
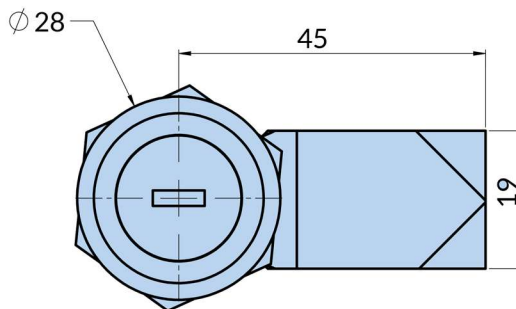


**CUT OUT**



**KL - 04 P**

- Material: PA-Body, Key-Insert, Stainless Steel Cap
- Finish: Cam, Zinc Yellow/Blue

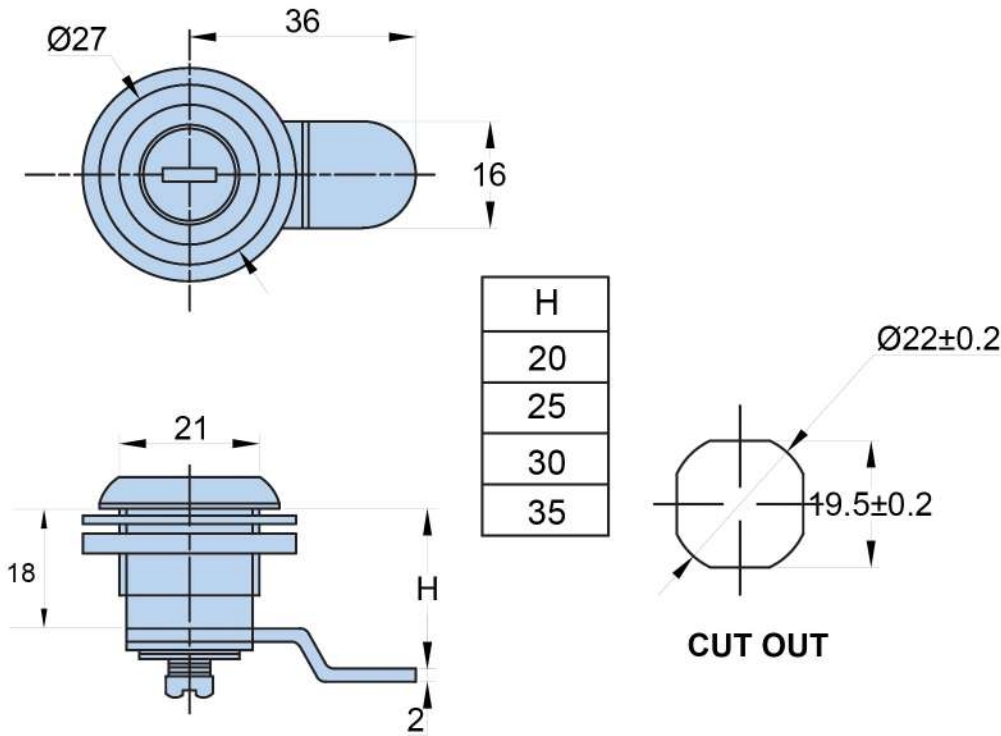


**CUT OUT**

NOTE: AVAILABILITY OF REQUIREMENT

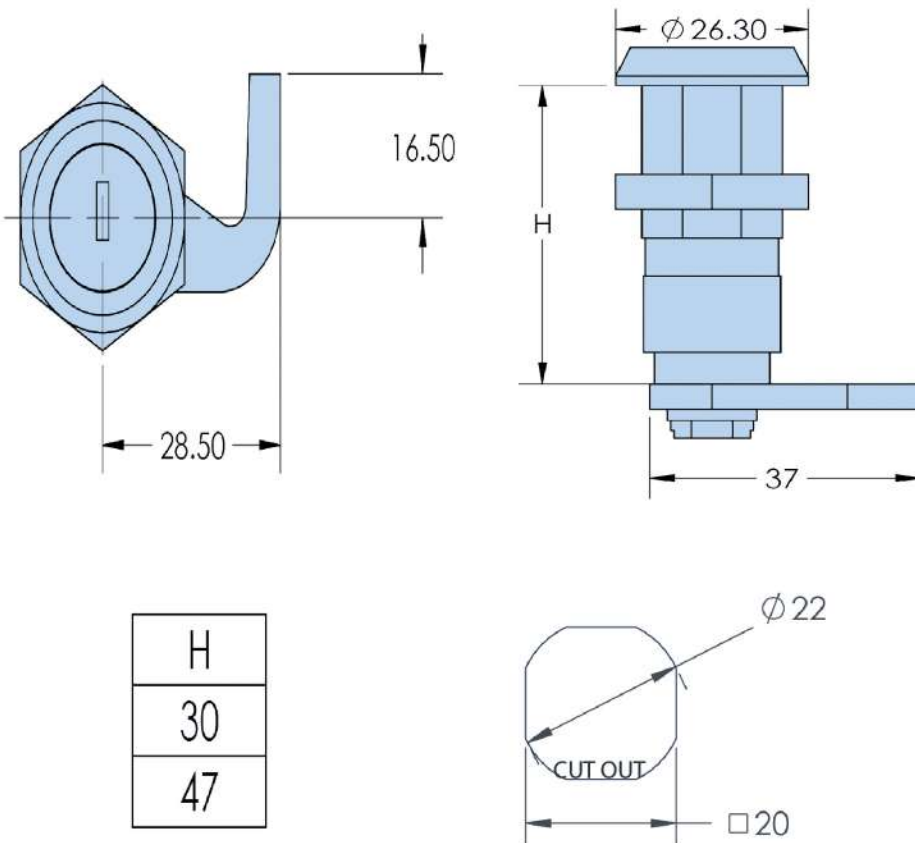
H
25
30
35
40
45





**KL - 04 B**

- Material: Zinc Die Casting-Body, Steel-Cam, Steel Key
- Finish: Chrome Plating



**KL - 04 D**

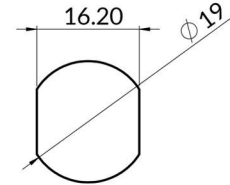
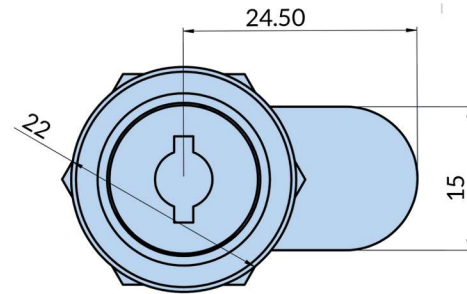
- Material: Zinc Die Casting Body, Steel Cam
- Finish: Nickel Plating/Zinc Yellow

**120 DIFFERENT KEY COMBINATION AVAILABLE ON REQUEST ALSO AVAILABLE COMMON KEY**

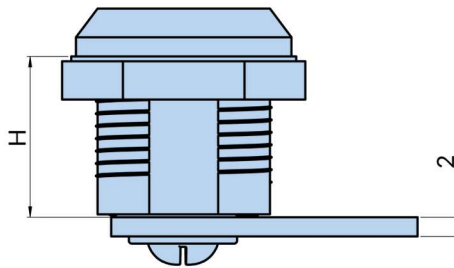


**KL - 05 - 2**

- Material: Zinc Die Casting-Body, Steel-Cam, Steel With Plastic Moulded
- Finish: Chrome Plating



Cut out



Note: H depends on your request.

H
16
18
20
25
30

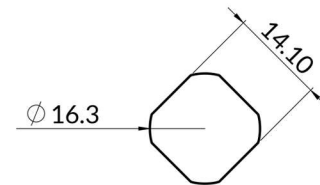
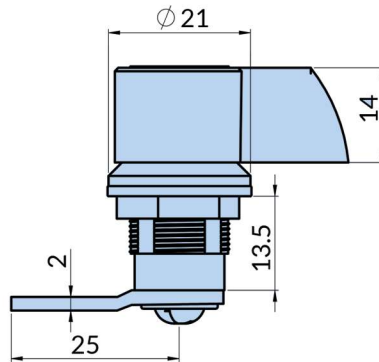


**MS 408 - 2 - 1**

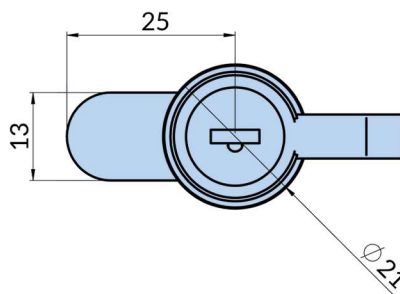


**MS 408 - 2 - 2**

- Material: Zinc Die Casting-Body, Steel-Cam, Steel With Plastic Moulded
- Finish: Black Powder Coated

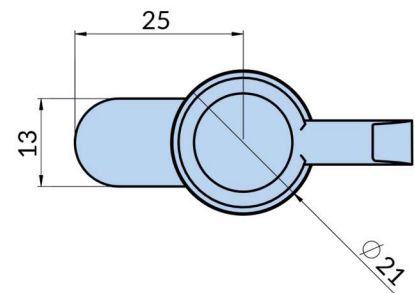


Cutout



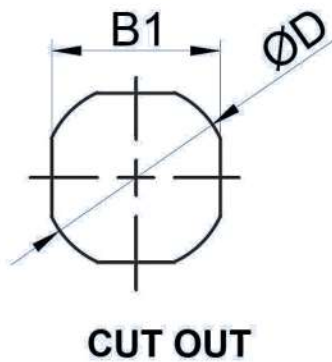
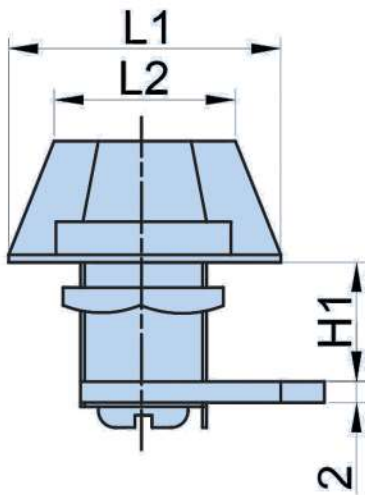
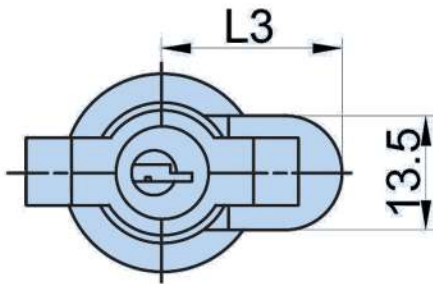
**With Key**

**MS 408 - 2 - 2**



**Without Key**

**MS 408 - 2 - 1**



Part No	L1	L2	L3	B1	H1	ØD
MS 408-1-1	50	32.5	50	20	18	22
MS 408-3-1	32	22	24	14.2	15	16
MS 408-3-1T	48	37	24	14.2	15	16

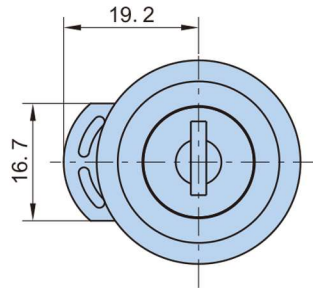
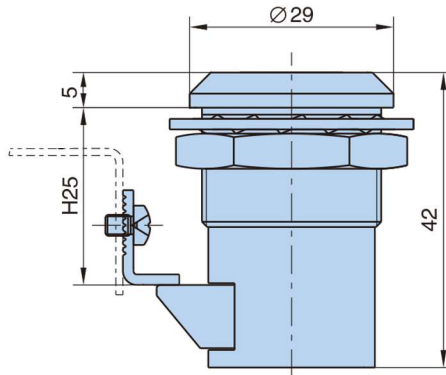


- Material: Zinc Die Casting-Body, Steel-Cam, Steel With Plastic Moulded
- Finish: Black Powder Coated

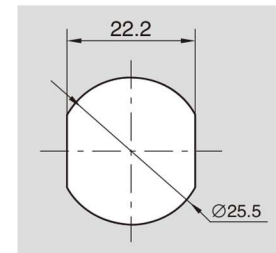


**MS - 818 - 1**

- Material: Zinc alloy housing and Cylinder, plastic tone
- Finish: Bright chrome plating
- Panel thickness: 1~10mm



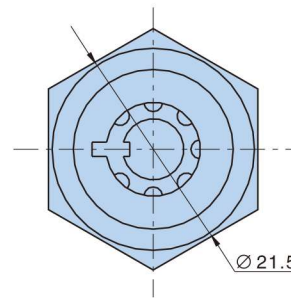
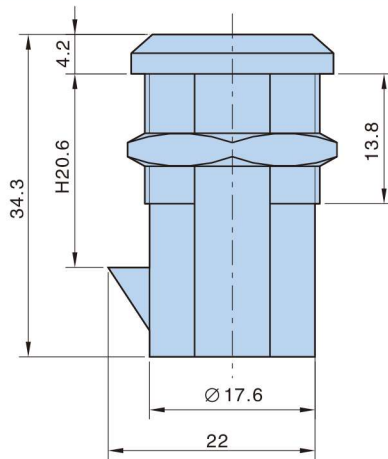
■ Cut Out



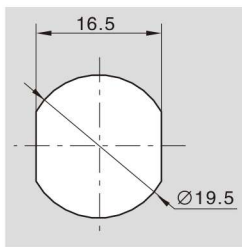
Product no.	Weight (g)	Lot
MS 818- 1	119	200



**MS - 818 - 2**

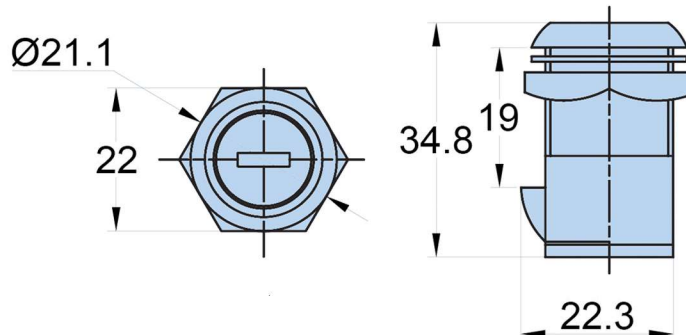


■ Cut Out

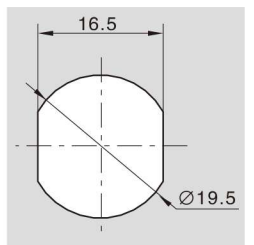


**MS - 818 - 3**

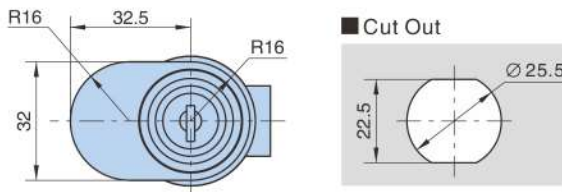
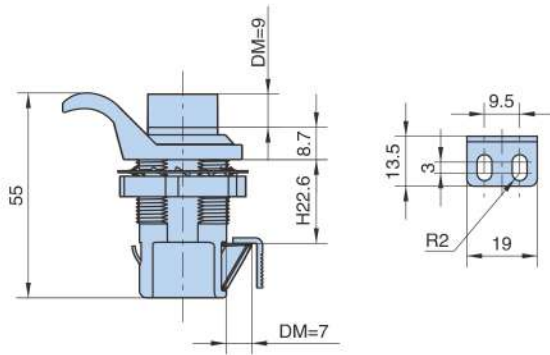
- Material: Zinc die-casting body, nut, dead bolt
- Finish: Bright chrome plating
- Panel thickness: 1~8mm



■ Cut Out



Product no.	Weight (g)	Lot
MS 818- 2	64.5	250



Product no.	Weight (g)	Lot
MS 750- 1	39	500

**RL**



CH751

**MS 750 - 1**

- Material: PA6 casting body.
- Finish: black
- Panel thickness: 1~10mm

Key Locks

Panel Locks

Plane Locks

3Point Locks  
(Round & Flat)

Handle &  
Knobs

**RL**



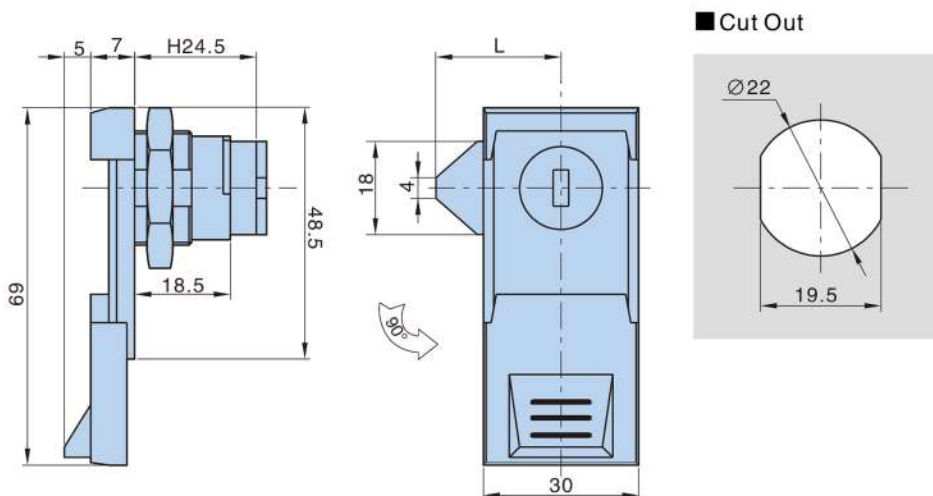
**A99 - 1**

**A99 - 2**



**A99 - 3**

- Material: Zinc die-casting body, Nut, Zinc plating cam
- Finish: Gray chrome plating
- Panel thickness: 1~5mm



Product Number		Dimensions	Weight (g)	Lot
K0600 key	A99- 1	46	108.5	200
Double bit insert	A99- 2	46	109.5	200
K0200 key	A99- 3	24	393.5	200

Hinges

Airvents

Gasketing

Canopy Locks

Other  
Accessories

**RL** **IP54**



k0400

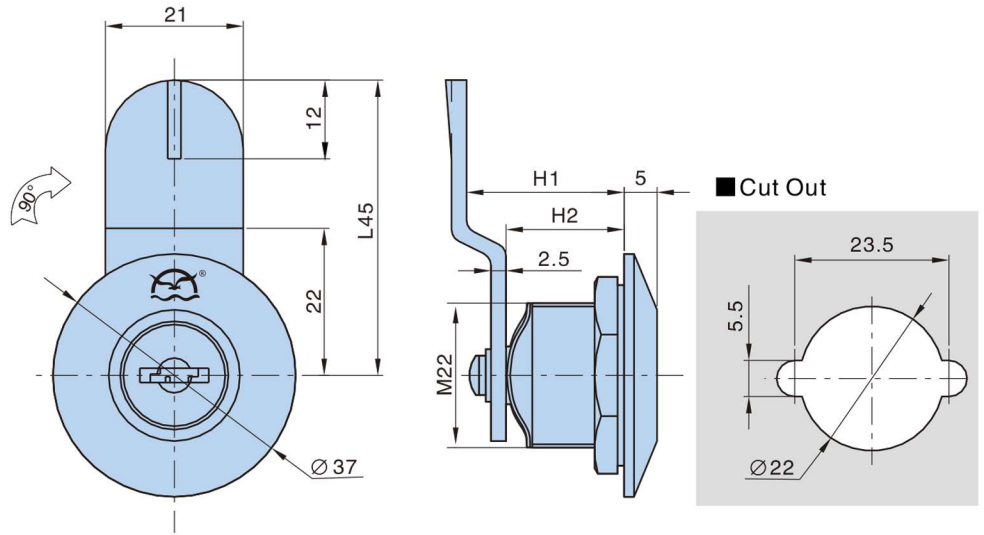
**MS 401 - 1**



k8180

**MS 401 - 2**

- Material: Zinc die-casting or Plastic body is available, zinc plating steel nut and cam
- Finish: Bright chrome plating,
- Panel thickness: 1~6mm



Dimensions		Insert	Product Number		
H1	H2		zinc die- casting body	Weight (g)	Lot
20	20	K0400	MS 401 - 1	62.5	200
21	16	K8180	MS 401 - 2	100	200

**RL** **IP54**



**MS 402 - 1**



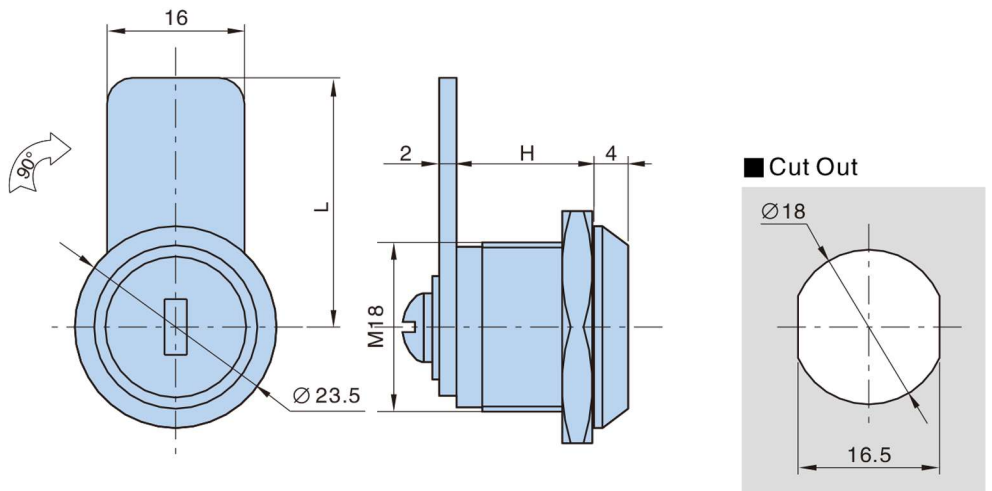
**MS 402 - 2**



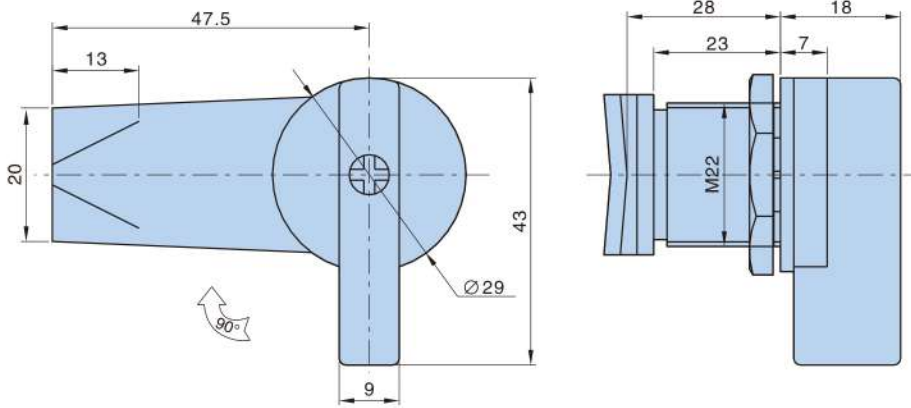
k0400

**MS 402 - 3**

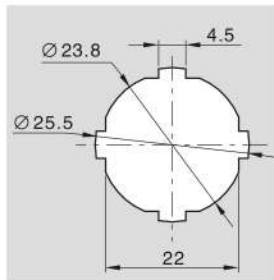
- Material: Zinc die-casting body, Nut, Zinc plating cam
- Finish: Bright chrome plating, Gray chrome plating
- Panel thickness: 1~10mm



Dimensions			Product Number		
L	H	$\varnothing$	K0700 insert	Weight (g)	Lot
39	30	23.5	MS 402 - 1	64	300
29	20	22.5	MS 402 - 2	45	500
29	16	22.5	MS 402 - 3	46.5	400



■ Cut Out

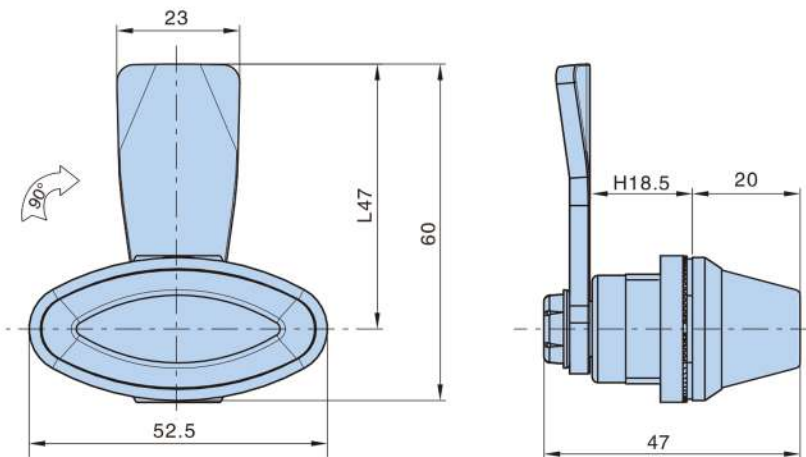


Product no.	Weight (g)	Lot
MS406	83	200

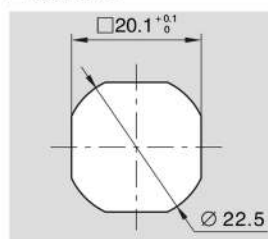


MS 406

- Material: ABS knob, zinc die-casting body, nut, Zinc plating cam
- Finish: black
- Panel thickness: 1-7mm



■ Cut Out



Product no.	Weight (g)	Lot
MS 414	91	200



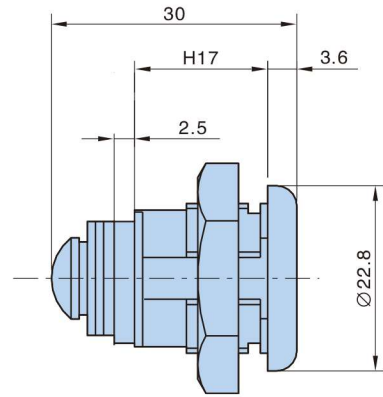
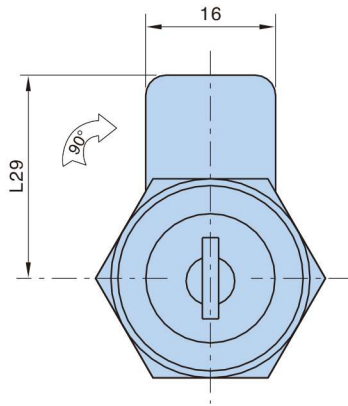
MS 414

- Material: Zinc die-casting body, plastic knob, M.S. Zinc plating cam
- Finish: gray
- Panel thickness: 1-6mm

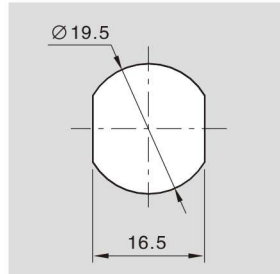


**MS 415**

- Material: Zinc die-casting body, Nut, Zinc plating cam
- Finish: Bright chrome plating
- Panel thickness: 1~6mm



■ Cut Out



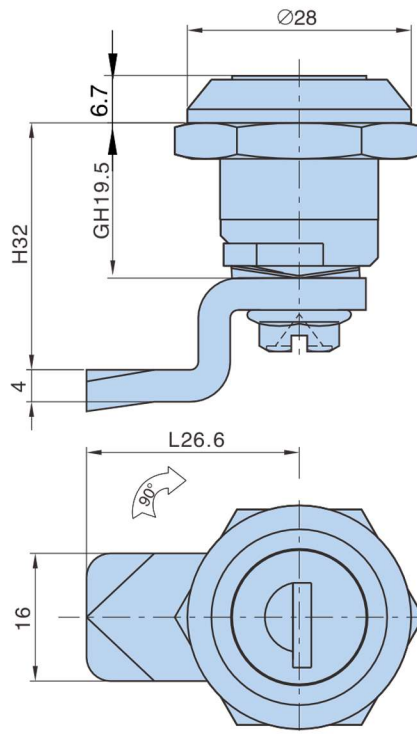
Product no.	Weight (g)	Lot
MS 415	60	300



K333

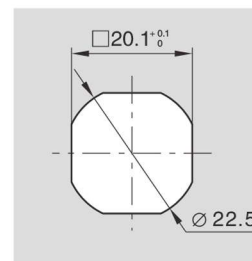
**MS 721**

- Material: Zinc die-casting body, Zinc plating nut and cam
- Finish: Bright chrome plating  
Black powder coated
- Panel thickness: 1~6mm



**200 DIFFERENT KEY COMBINATION AVAILABLE ON REQUEST, ALSO AVAILABLE COMMON KEY**

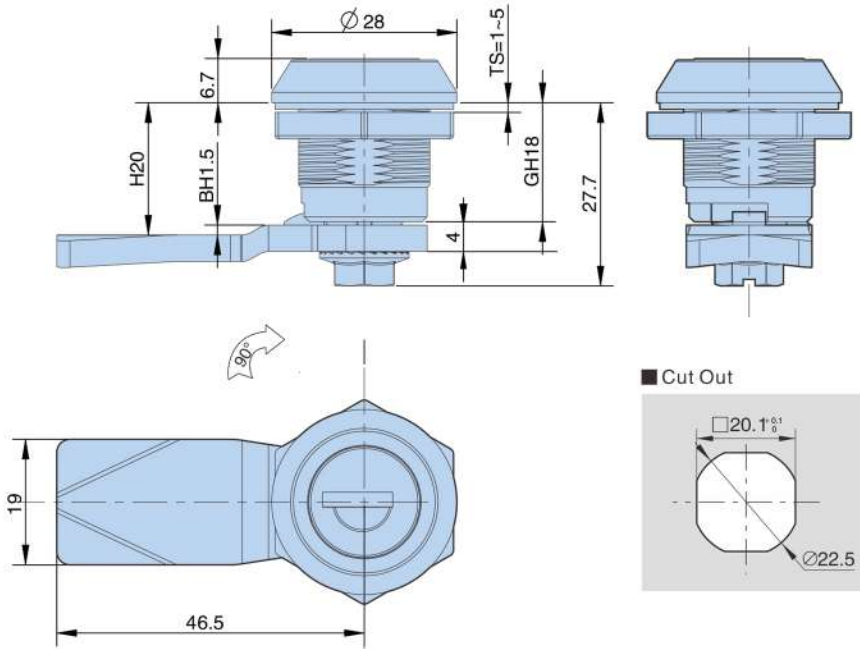
■ Cut Out



Product Number		Weight (g)	Lot
Bright chrome plating	MS 721.1	87	200
Black powder coated	MS 721.3	87	200

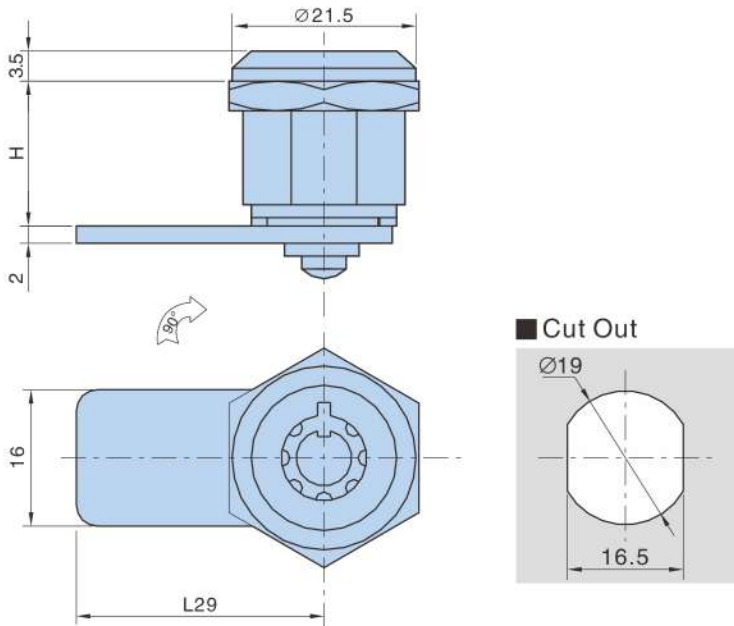


**Stainless Steel Cam Lock Grade 304 / 316**



**KL 04 SS**

- Material : sus body ,cam
- Surface :natural color
- Door thickness : 1~5mm
- Notes :cam size 8 × 8



**MS 409 - 1**



**MS 409 - 2**

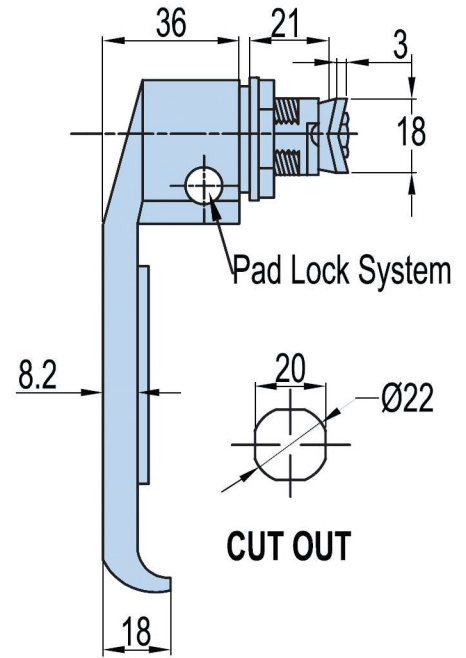
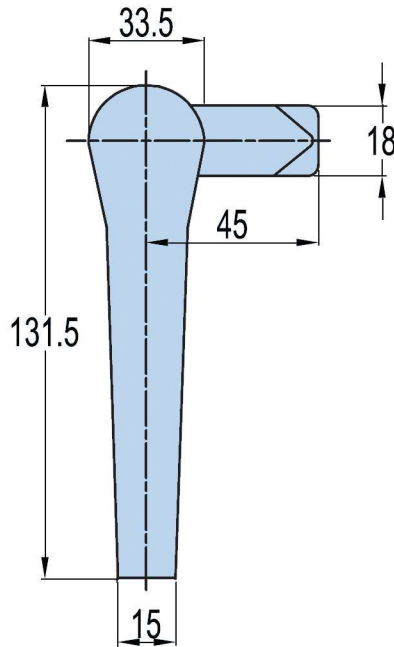
- Material: Zinc die-casting or Plastic body is available, zinc plating steel nut and cam
- Finish: Bright chrome plating,
- Panel thickness: 1-6mm

Dimensions	Product Number	Weight (g)	Lot
H			
23	MS409-1	70	250
13	MS409-2	11.5	250



**KL - 06**

- Material: Zinc Die Casting-Body, Steel Cam
- Finish: Black powder Coating/ Chrome Plating

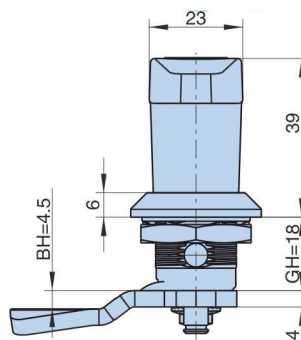


**MS 314 - 2S**

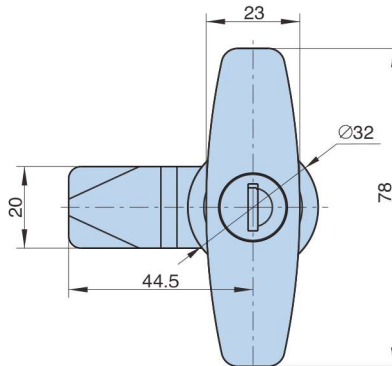
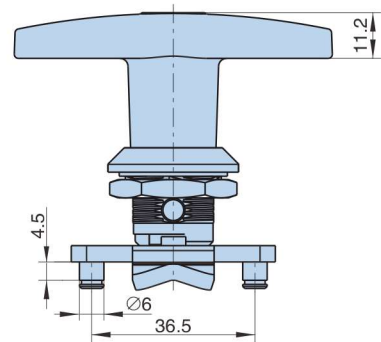


**MS 314 - 2 - 2S**

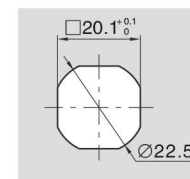
- Material: Stainless steel
- Finish: Mirror polished or brushed
- Panel thickness: 1~5mm
- Remark: Cam Cutout  $\square 8 \times 8$



**Stainless Steel T Handle Lock 304 / 316**

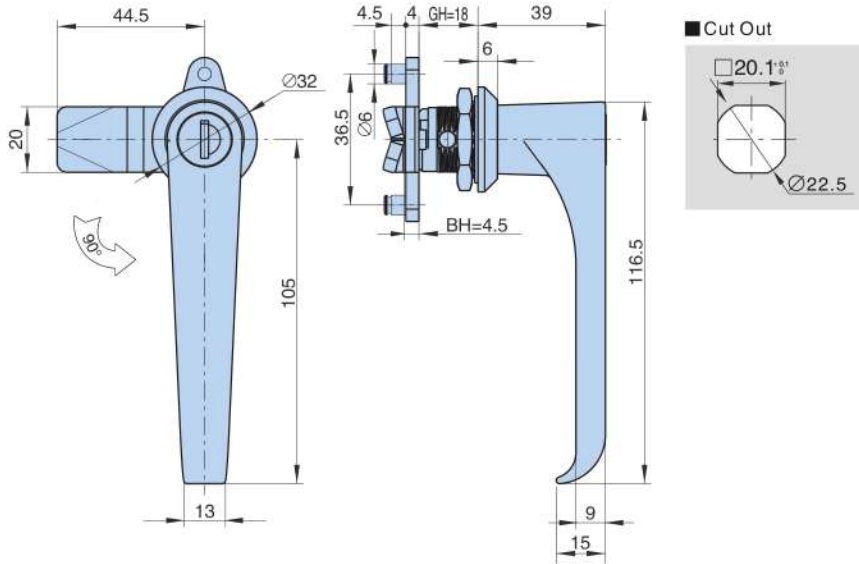


■ Cut Out



Product no.	Weight (g)	Lot
MS314-2S	290.5	100
MS314-2-2S	290.5	100

**Stainless Steel L Handle Lock 304 / 316**

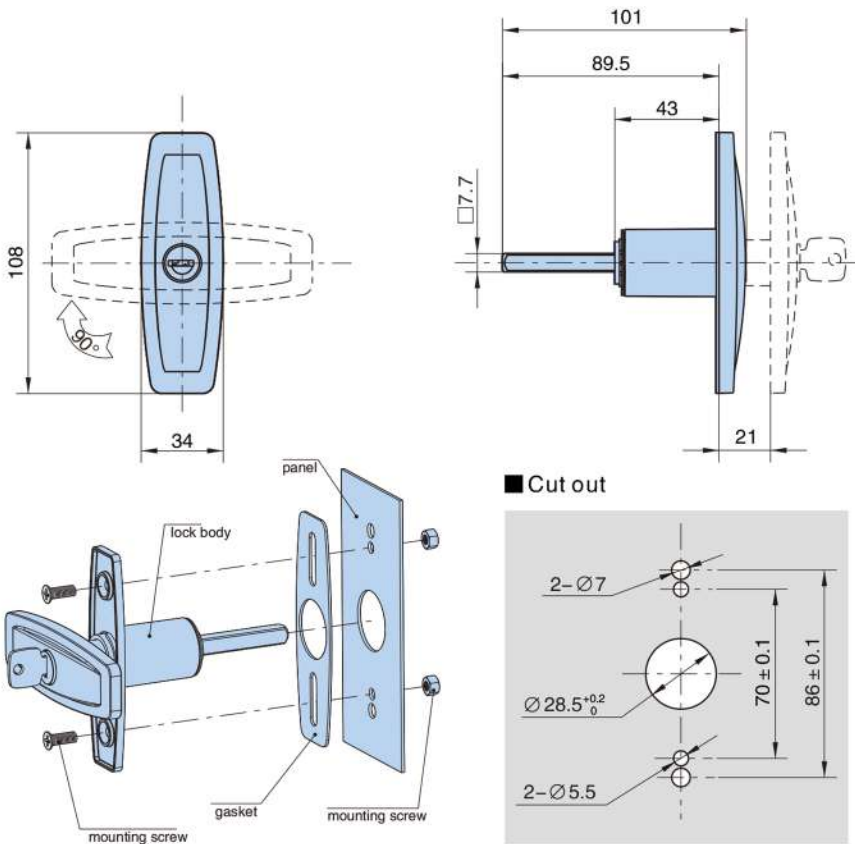


Product no.	Weight (g)	Lot
MS314-1S	338.5	100
MS314-1-2S	338.5	100



MS314-1-2S  
MS314-1-1S

- Material: Stainless steel
- Finish: Mirror polished or brushed
- Panel thickness: 1~5mm
- Remark: Cam Cutout 8x8



MS 101 - 1 - 1

- Material: Zinc die-casting body  
Zinc plating cam
- Finish: Black powder coated
- Panel thickness: 1~20mm
- Remark: cam cutout 8x8

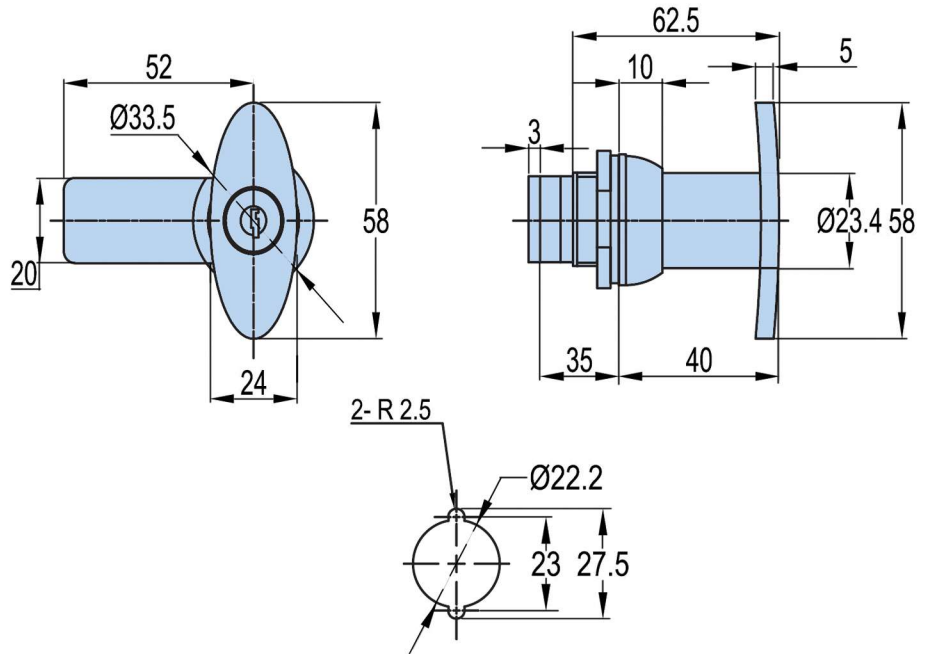
MS - 302 - 1



MS- 302 - 2



- Material: Zinc Die Casting-Body, Zinc Plating-Cam,Steel-Key with Plastic moulded-Key
- Finish: Chrome Plating



CUT OUT

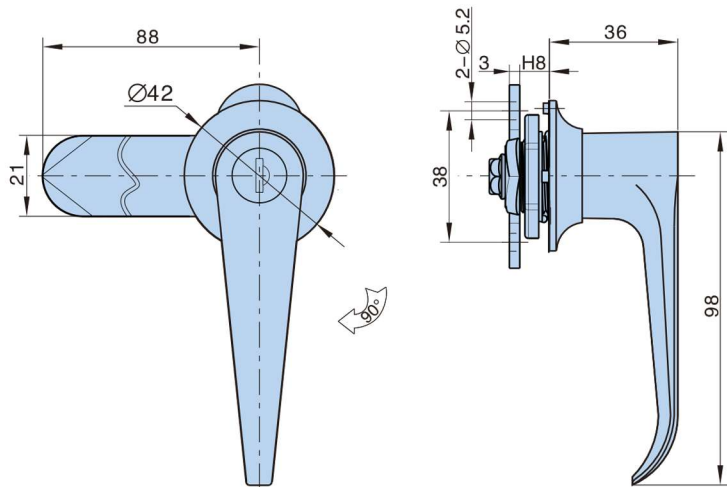


K0200

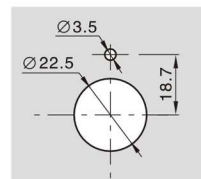


A45 - 1 - 1

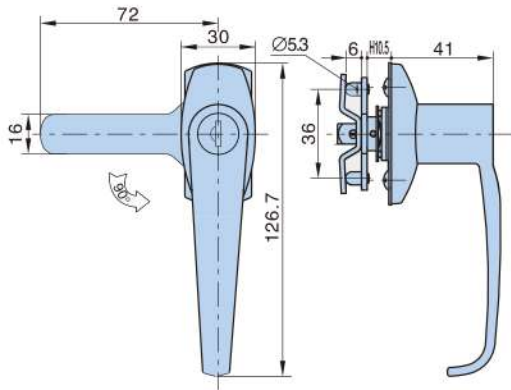
- Material: Zinc die-casting body, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness: 1~1.5mm



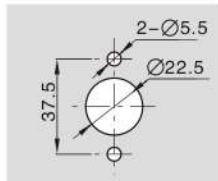
■ Cut out



Product Number		Weight (g)	Lot
With key	A45- 1- 1	245	100



■ Cut out

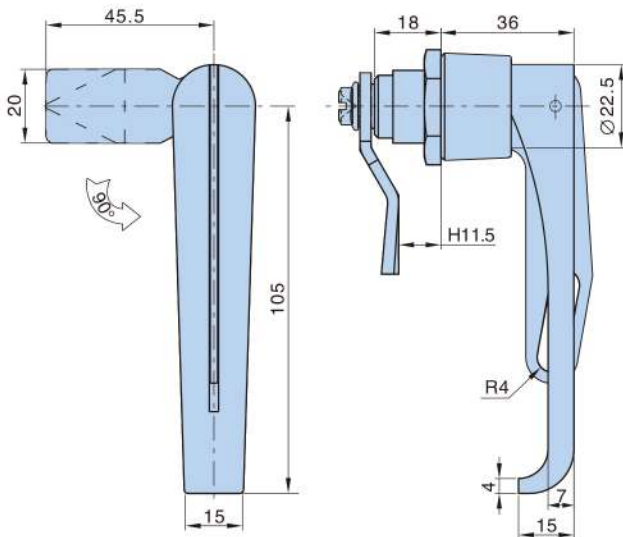


Product Number		Weight (g)	Lot
with key	A2056	273	100
master key	A2056- 2	265	100
double key bit	A2056- 3	270	100

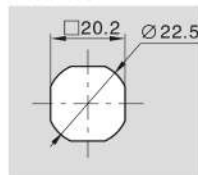


**A2056**

- Material: Zinc die-casting body  
Zinc plating cam, fixing parts
- Finish :Bright chrome plating
- Panel thickness: 1~2mm



■ Cut out



Product no.	Weight	Lot
A2057	214.5	100



**A2057**

- Material: Zinc die-casting body  
Zinc plating cam, fixing parts  
stainless steel padlock hook
- Finish :Black powder coated
- Panel thickness: 1~5mm

Key Locks



AB701 - 1 - 1 AB701 - 1 - 2

Panel Locks

Plane Locks

3Point Locks (Round & Flat)



AB701 - 2 - 1  
AB701 - 2 - 2G

Handle & Knobs



AB701 - 3 - 1 AB701 - 3 - 2G

Hinges

Airvents

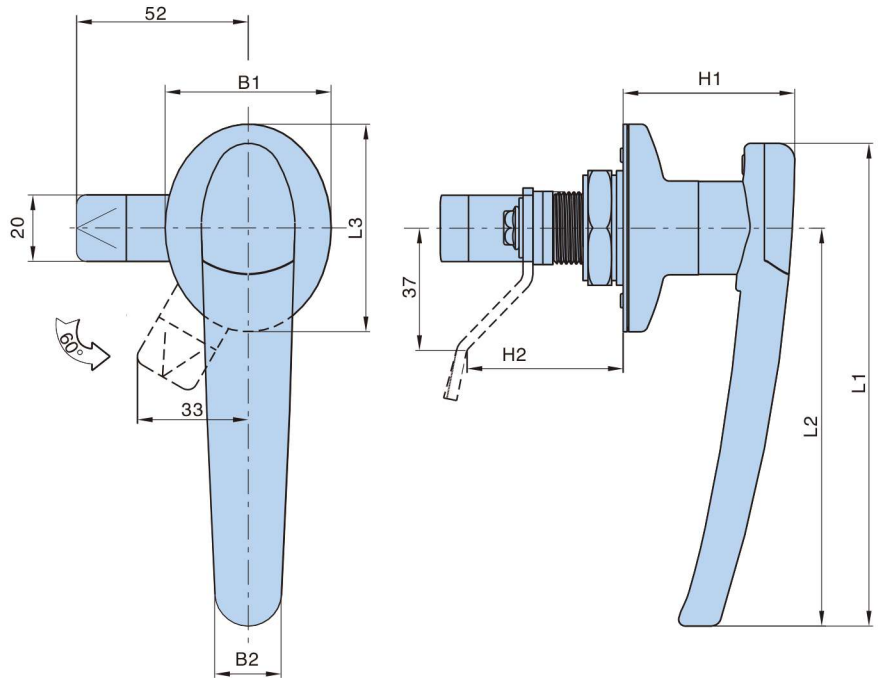


K0200

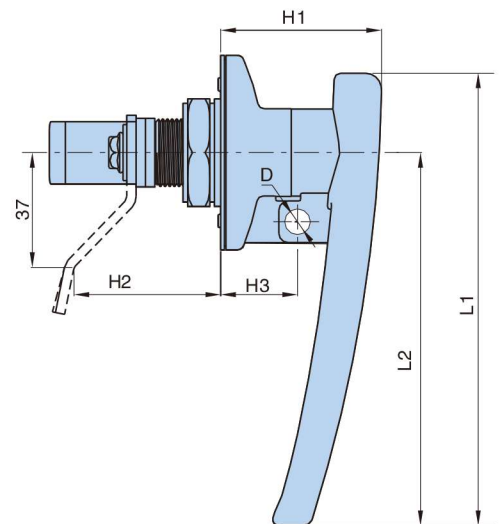
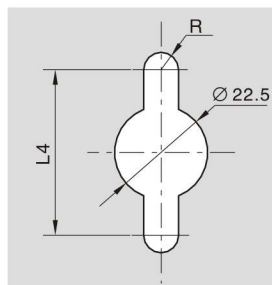
Gasketing

Canopy Locks

- Material: Zinc die-casting body, nut Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness: 1~7mm
- Remark:pCam cutout:  
□10×10(AB701-1-1/2)  
□8×8(AB701-2-1/2)  
(B701-3-1/2)



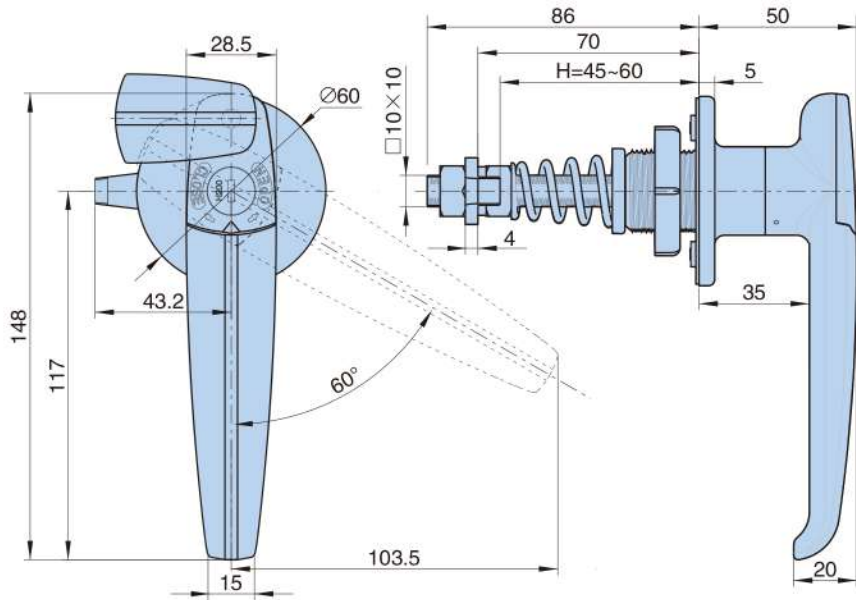
■ Cut out



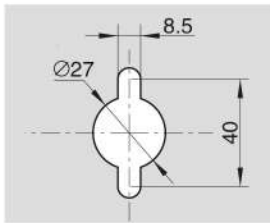
Other Accessories

Dimensions											Product Number								
L1	L2	L3	L4	B1	B2	H1	H2	H3	R	D	With key	Weight (g)	Lot	w/o key	Weight (g)	Lot	Padlock able w/o key	Weight (g)	Lot
145.5	120	62.5	40	50	20	52	43.5	25	4.25	8	AB 701- 1- 1	439	50	AB 701- 1- 2	472	50	AB 701- 1- 2G	422.5	50
118	95	49.5	32	40	16	46	36	22	3.6	8	AB 701- 2- 1	256	50	AB 701- 2- 2	273	100	AB 701- 2- 2G	279	100
103.5	85	46.5	32	38	14	42	36	17	3.6	7	AB 701- 3- 1	225	100	AB 701- 3- 2	231	100	AB 701- 3- 2G	236.5	100

**Stainless Steel L Handle Lock 304 / 316**

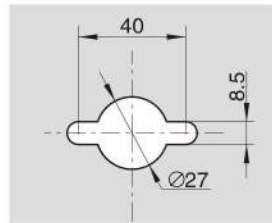


■ Cut Out



(60° left or right open & 90° right open)

■ Cut Out



(90° left open)



K0200

**AB 702S - 1 - 1**



**AB 702S - 1 - 1**

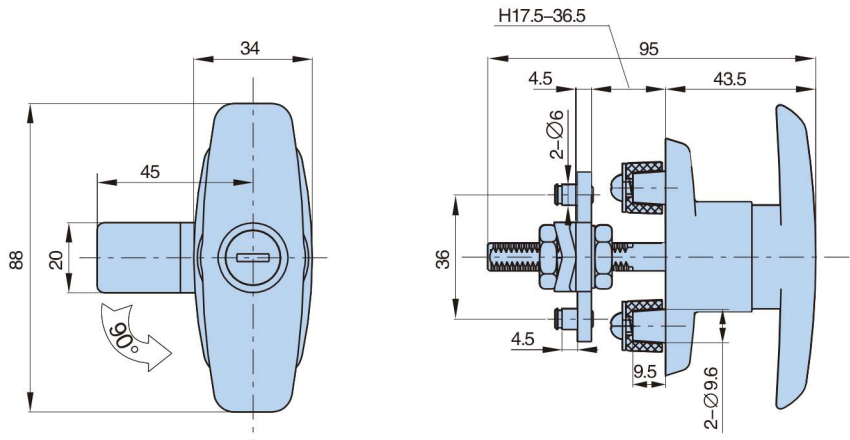
- Material: Stainless steel
- Finish: Mirror polished or brushed
- Mechanism: Grip range can be adjusted around 45~60mm. Both 60° and 90° open is available.
- Panel thickness: 1~10mm
- Remark: Cam Cutout □10 x 10

Product no.	Rotation angle	Weight (g)	Lot
AB 702S - 1 - 1	(60° )	644.5	40
AB 702S - 1 - 2	(90° )	644.5	40

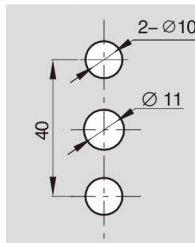


**MS 108 - 1 - 1**

- Material: PAbody, zinc plating steel cam
- Finish :Matt black
- Panel thickness: 1~5mm



■ Cut out

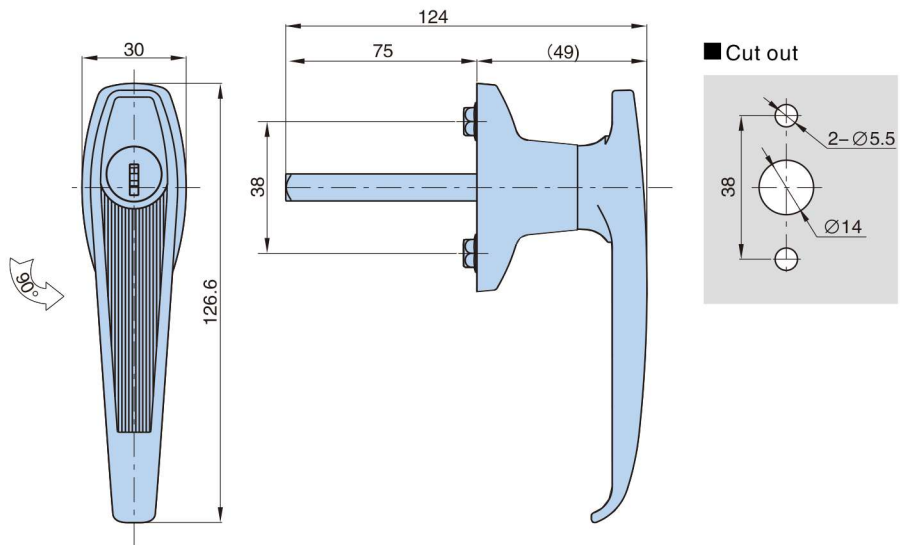


Product no.	Weight (g)	Lot
MS 108- 1 - 1	196	100

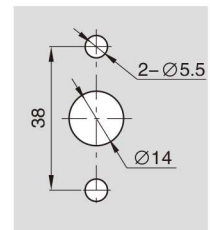


**MS 109 - 1 - 1**

- Material: Zinc die-casting body, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness: 1~20mm
- Remark: cam cutout □8x8

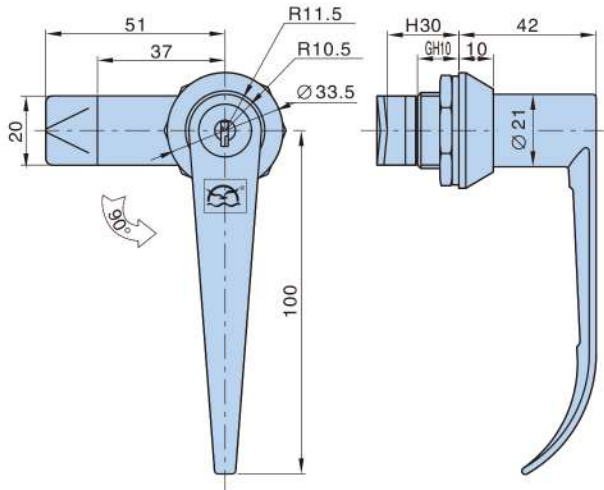


■ Cut out

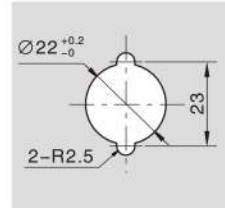


Product no.	Weight (g)	Lot
MS109-1-1	132.5	100





■ Cut out



Product Number	Weight (g)	Lot	
MS 301- 2- 1.1	with key	157	100
MS 301- 2- 2.1	Push button	158	100

**R**

AB 301 - 1 - 1



K0300

AB 301 - 1 - 2

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness:1~3mm

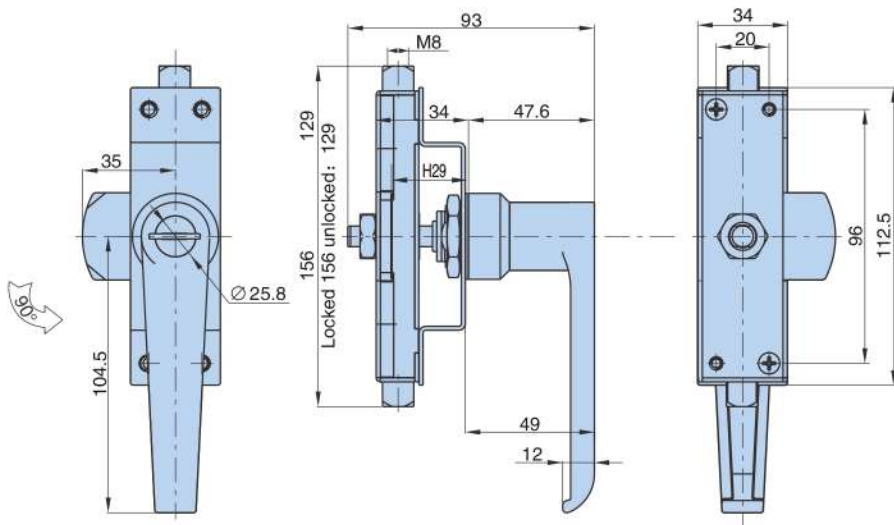
Key Locks

Panel Locks

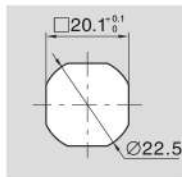
Plane Locks

3Point Locks  
(Round & Flat)

Handle & Knobs



■ Cut Out



Product Number	Weight (g)	Lot	
With key	MS 318- 1- 1	606	40
w/o key	MS 318- 1- 2	645	40

**RL**



MS318-1-1 MS318-1-2

- Material: zinc die-casting handle, zinc plating steel rod box and cam
- Finish :Matt black
- Remark:Panel thickness 1.2~3.5mm

Hinges

Airvents

Gasketing

Canopy Locks

Other Accessories

**R**



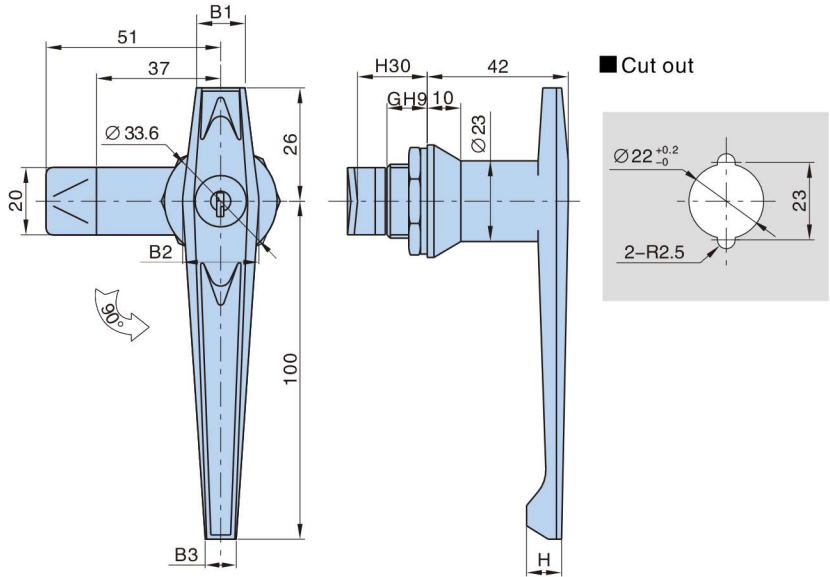
MS 304- 1 - 1    MS 304- 1 - 2



K0300

MS 304- 2 - 1    MS 304- 2 - 2

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness:1~3mm



Dimensions				Product Number					
B1	B2	B3	H	With key	Weight (g)	Lot	Push button	Weight (g)	Lot
12	23	8.5	10.5	MS 304- 1 - 1	258	100	MS 304- 1 - 2	268	100
10	20.5	6.5	9	MS 304- 2 - 1	232	100	MS 304- 2 - 2	242	100

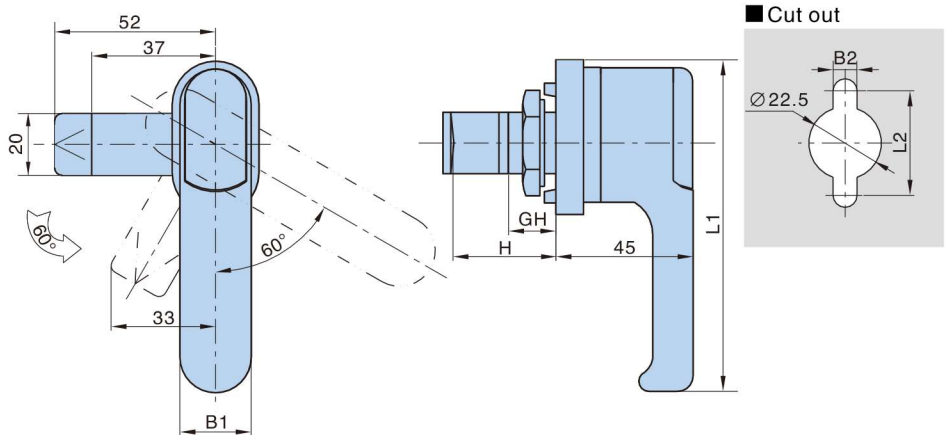


MS305 - 1 - 1

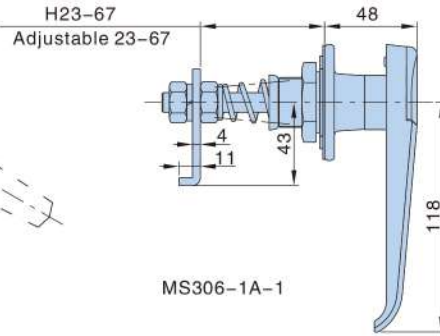
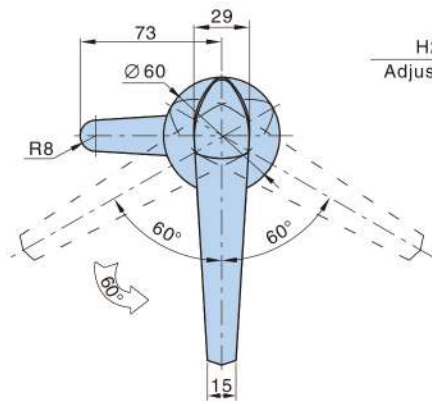


MS305 - 1 - 2

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish :Bright chrome plating  
Gray chrome plating
- Panel thickness:1~8mm

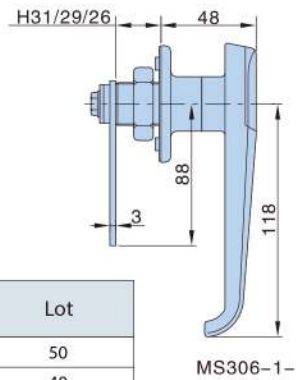
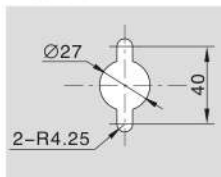


Dimensions						Product Number			
L1	L2	GH	B1	B2	H	Bright chrome plating	Gray chrome plating	Weight (g)	Lot
150	40	22	28	8.5	45.5	MS 305- 1 - 1.1	MS 305- 1 - 1.2	516.6	50
107	31.8	15	23	7.5	37.5	MS 305- 2 - 1.1	MS 305- 2 - 1.2	376.5	100



MS306-1A-1

■ Cut out



MS306-1-1

Product no.	Rotation angle	Weight (g)	Lot
MS 306- 1- 1	60°	464.5	50
MS 306- 1A- 1	60°	520	40
MS 306- 1A- 1L	(CW)90°	520	40
MS 306- 1A- 1R	(ACW)90°	520	40
MS 306- 1- 1L	(CW)90°	464.5	50
MS 306- 1- 1R	(ACW)90°	464.5	50

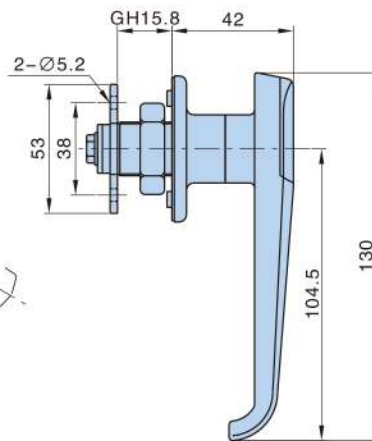
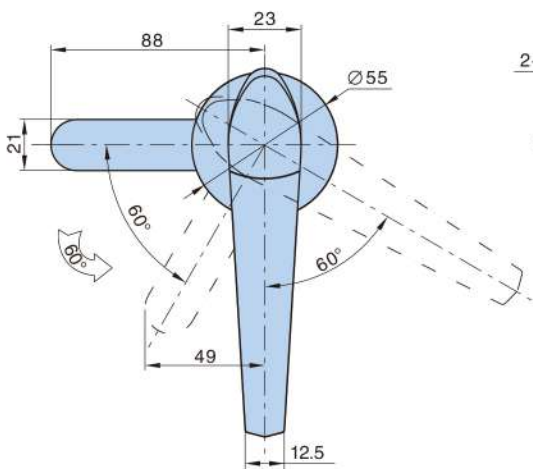


MS 306 - 1A - 1

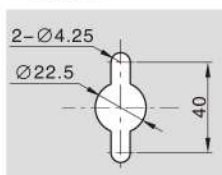
K0200

MS 306 - 1 - 1

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness:1~10mm



■ Cut out



Product no.	Weight (g)	Lot
MS 306- 2- 1(60° )	250.5	50
MS 306- 2- 1L(CW90°)	250.5	50
MS 306- 2- 1R(CW90°)	250.5	50



K0200

MS 306 - 2 - 1

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness:1~4mm



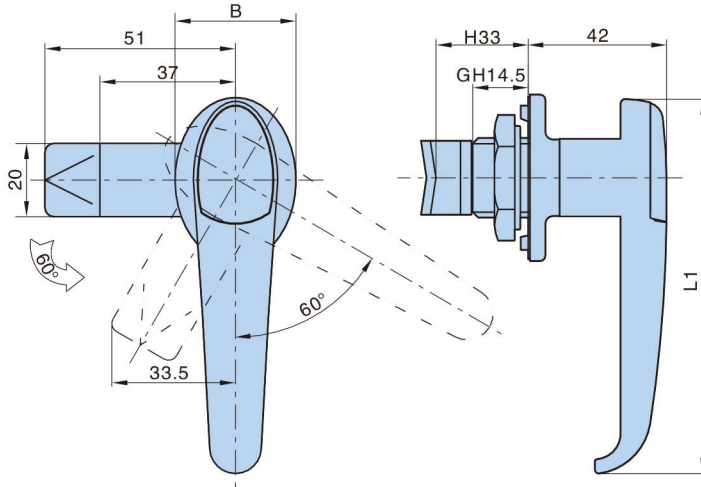
MS308 - 1 - 1



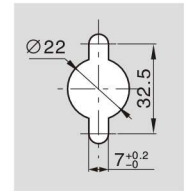
K0200

MS308 - 2 - 1

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish : Bright chrome plating
- Panel thickness: 1~6mm



■ Cut out

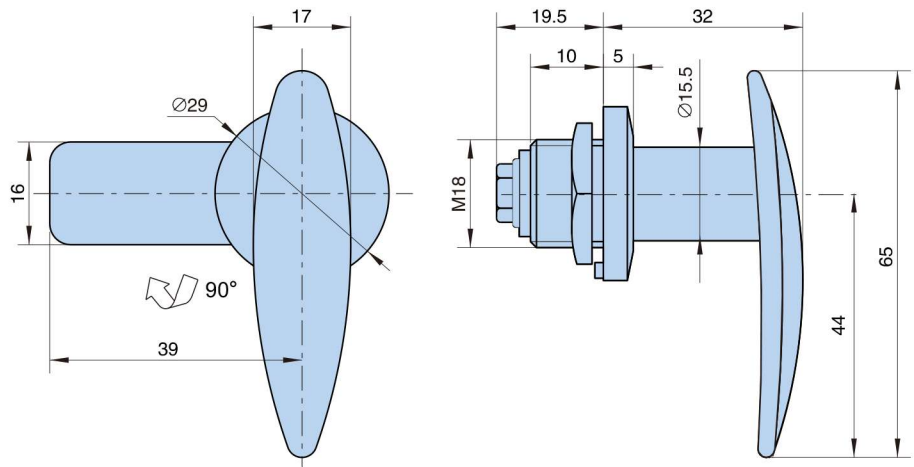


ProductNumber	Rotation angle	L1	L2	B	Weight (g)	Lot
MS 308- 1- 1	60°	120	42	36	252.5	100
MS 308- 1- 1L (CW)90°	245.5				100	
MS 308- 1- 1R (ACW)90°	245.5				100	
MS 308- 2- 1	60°	102	38	33	189	100
MS 308- 2- 1L (CW)90°	195				100	
MS 308- 2- 1R (ACW)90°	195				100	

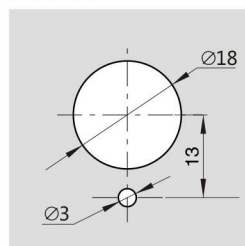


MS 309 - 1

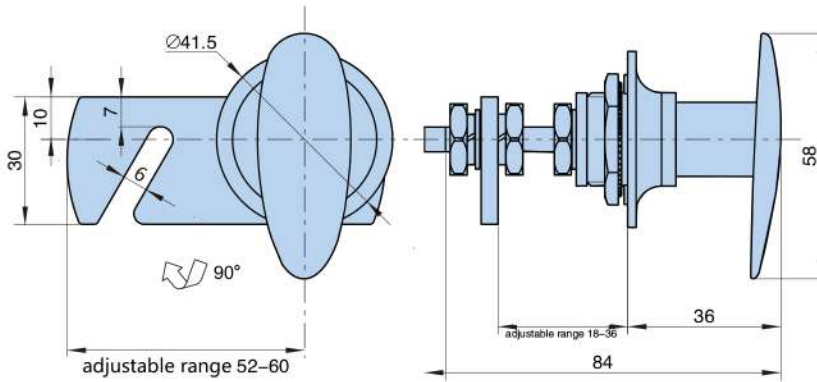
- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish : Bright chrome plating
- Panel thickness: 1~6mm
- Remark: cam cutout □8x8



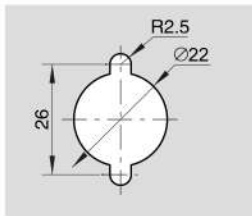
■ Cut out



Product no.	Weight (g)	Lot
MS 309- 1	102.2	200



■ Cut out



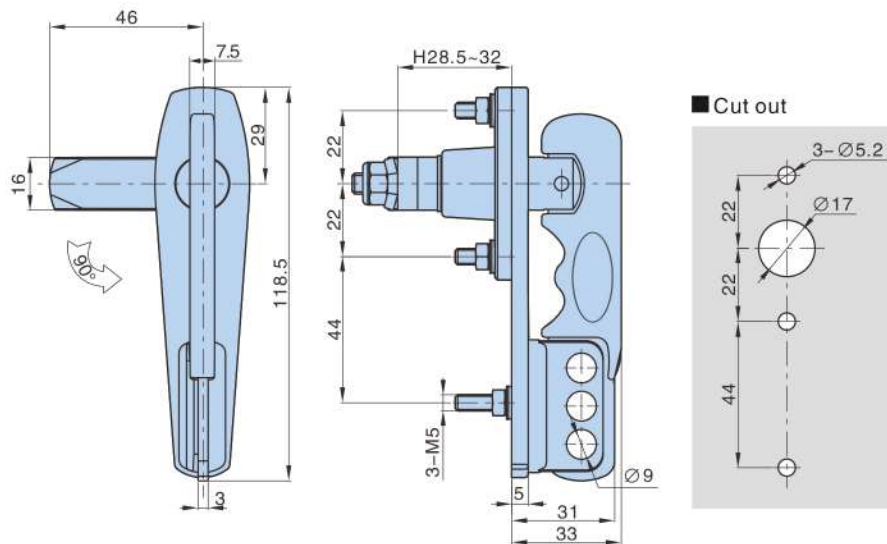
Product no.	Weight (g)	Lot
MS 309 - 2	214	100

**L**

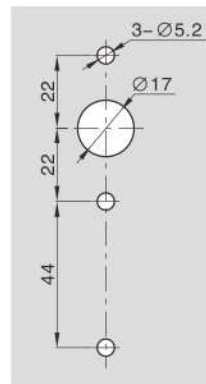


**MS 309 - 2**

- Material: Zinc die-casting body, nut, Zinc plating cam
- Finish : Bright chrome plating
- Panel thickness: 1~6mm
- Remark: cam cutout □10x10



■ Cut out



**R**



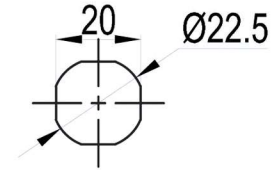
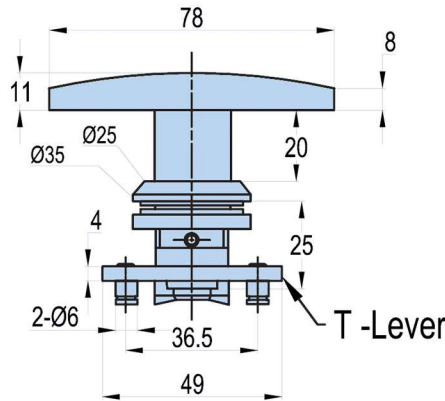
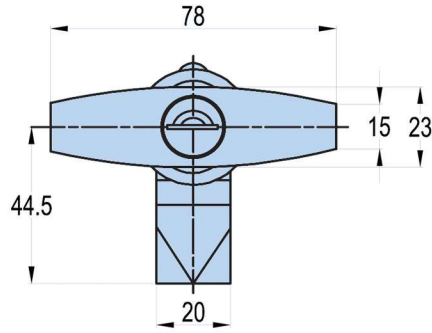
**MS 315 - 1 - 1**

- Material: Zinc die-casting body,
- Finish : Black powder coated
- Panel thickness: 1~4mm
- Remark: with padlock available



KL - 07

- Material: Zinc Die Casting-Body, Steel Cam, Steel Key
- Finish: Black powder Coating/ Chrome Plating

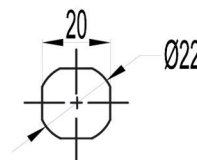
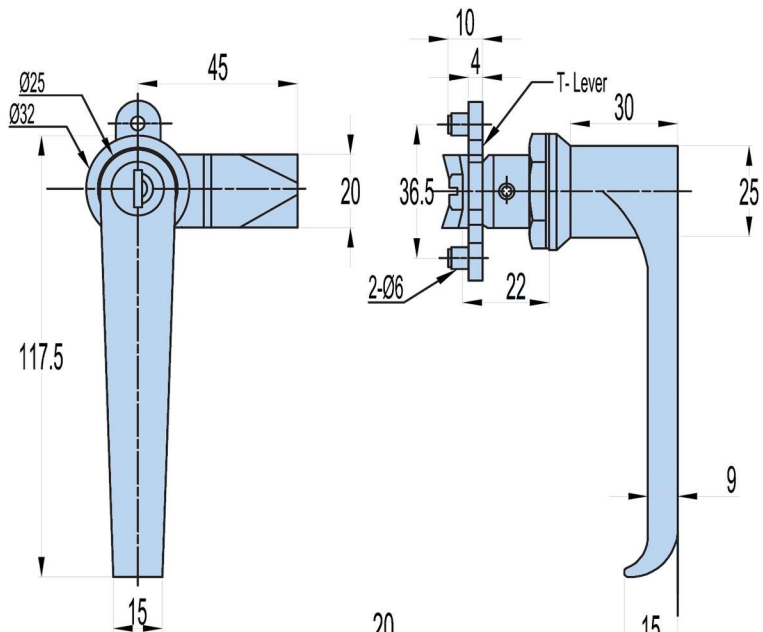


CUT OUT

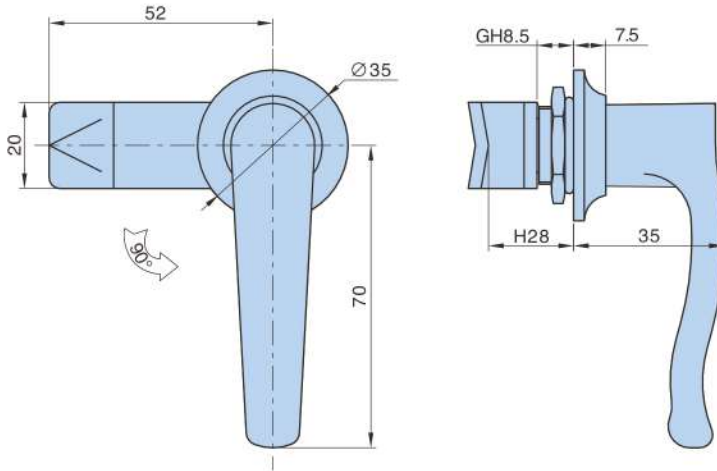


KL - 08

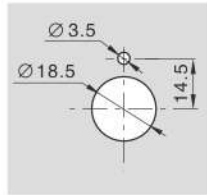
- Material: KL-08-Zinc Die Casting-Body, Steel Cam, Steel with plastic moulded-key
- Finish: Black powder Coating/ Chrome Plating



CUT OUT



■ Cut out



**R**



**AB 803**

- Material: Zinc die-casting body, Zinc plating cam
- Finish :Bright chrome plating
- Panel thickness: 1~2mm
- Remark: cam emark: turn 90° , cam cutout 8x8

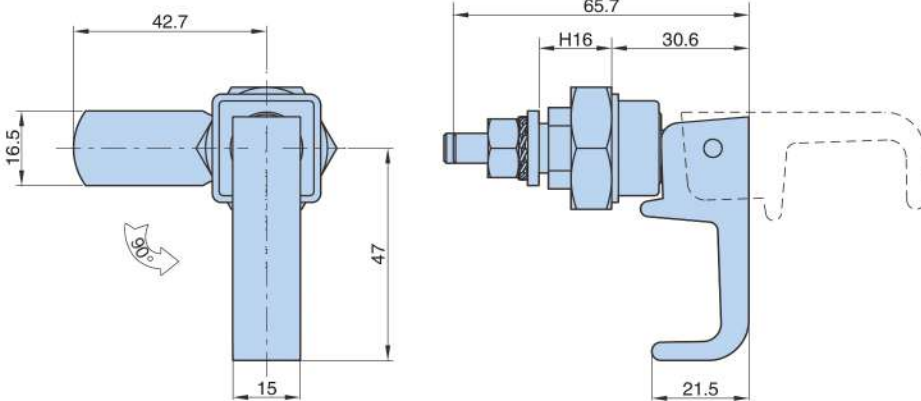
Key Locks

Panel Locks

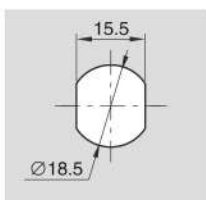
Plane Locks

3Point Locks  
(Round & Flat)

Handle &  
Knobs



■ Cut out



**RL**



**MS 319 - 1**

- material: PA handle ,nut and lock body, zinc plating steel cam
- Finish: black
- Remark: Panel thickness 1.2~ 5mm.

Hinges

Airvents

Gasketing

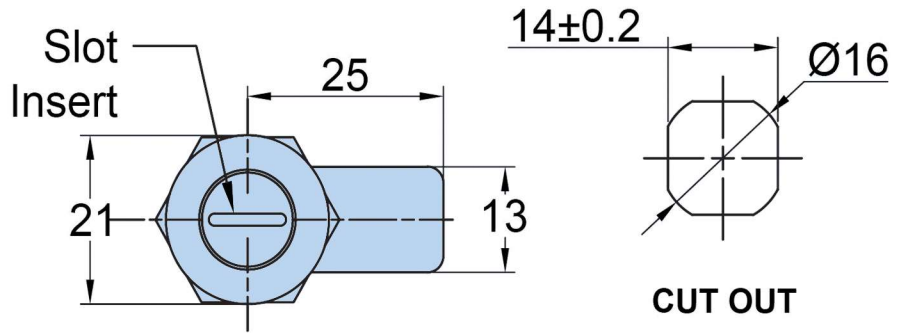
Canopy Locks

Other  
Accessories



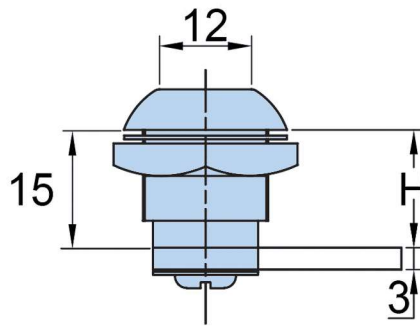
PL - 01

- Material: Zinc Die Casting-Body, Steel-Cam
- Finish: Chrome Plating



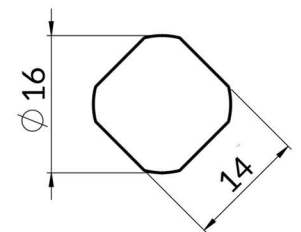
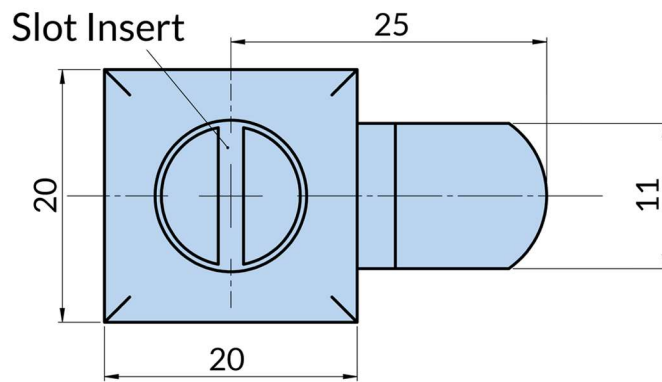
CUT OUT

H
20
25
30
35
40
45
50

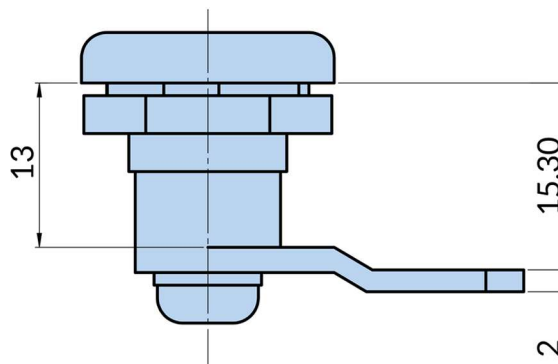


PL - 01A

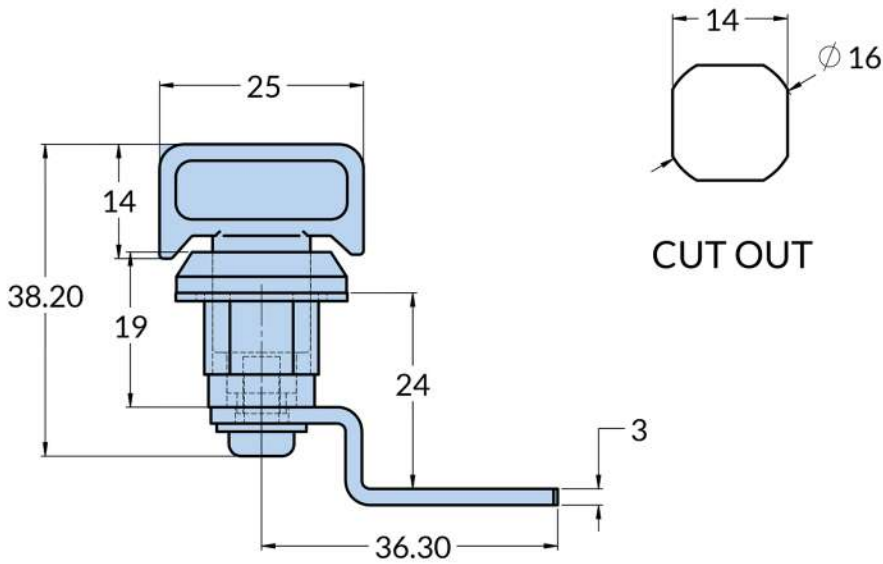
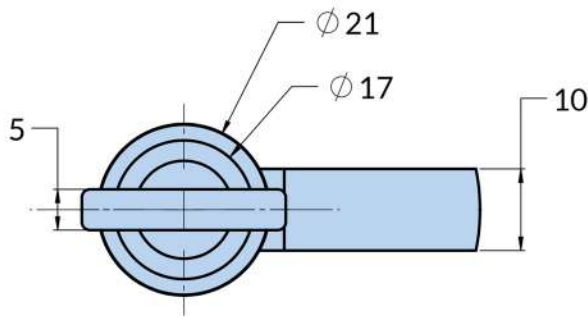
- Material: Polymide-Body, Steel Cam.



CUT OUT

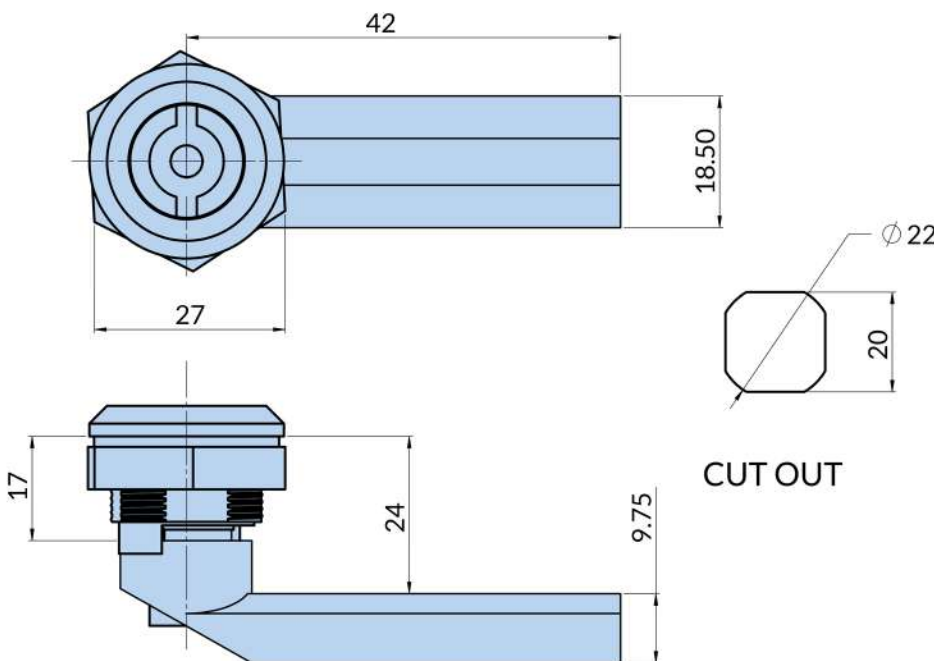






PL - 01 AB

- Material: Zinc Die Casting Body/Polymaide Handle.
- Finish: Black Powder Coated



PL - 03 PA

- Material: Zinc Die Casting
- Finish: Black Powder Coated



MS705 - 1 - 1



MS705 - 1 - 2



MS705 - 2 - 2



MS705 - 2 - 3



MS705 - 2S - 1



K7010-05



MS705 - 2S - 2



K7030-07



MS705 - 2S - 3



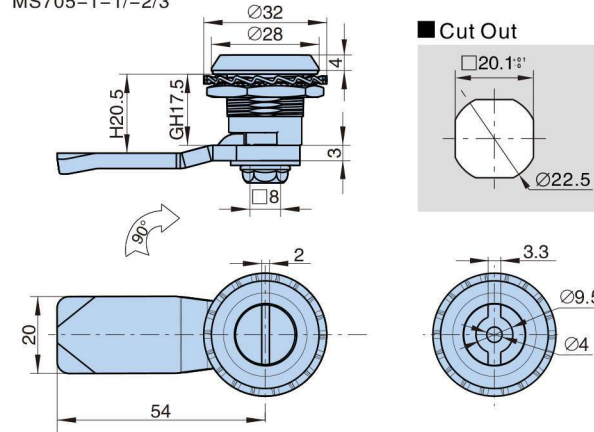
K7040-01

MS705 - 2S - 4

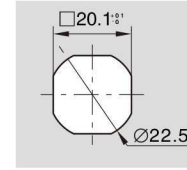


- Material: Zinc die-casting and stainless steel lock body are available
- Panel thickness: 1~5mm

MS705-1-1/-2/3

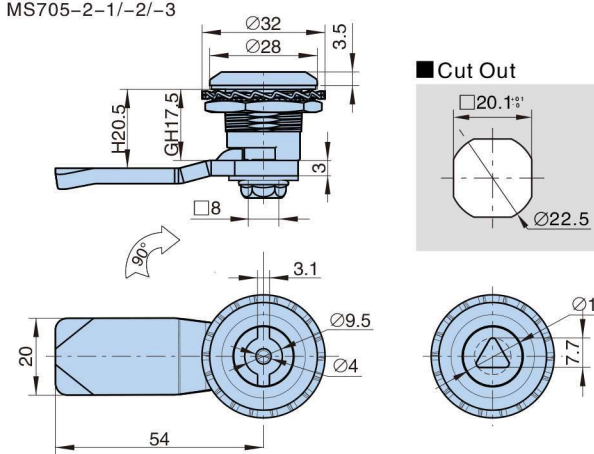


■ Cut Out

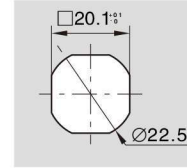


Available in  
Stainless Steel 304 / 316

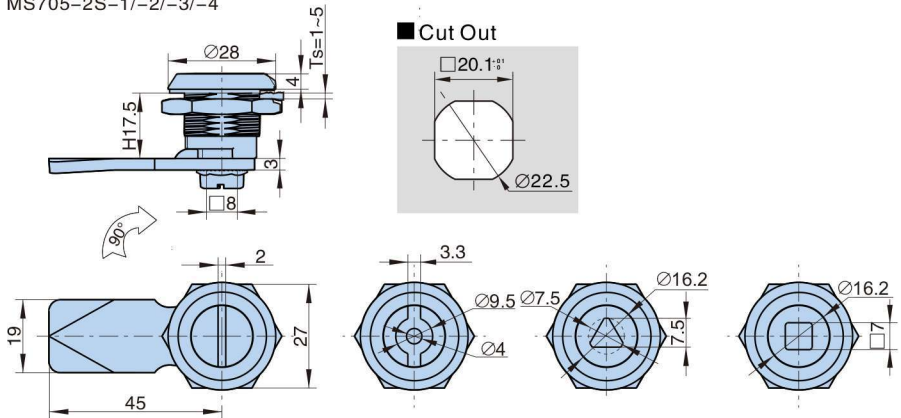
MS705-2-1/-2/-3



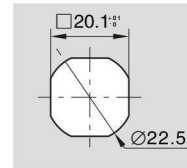
■ Cut Out



MS705-2S-1/-2/-3/-4

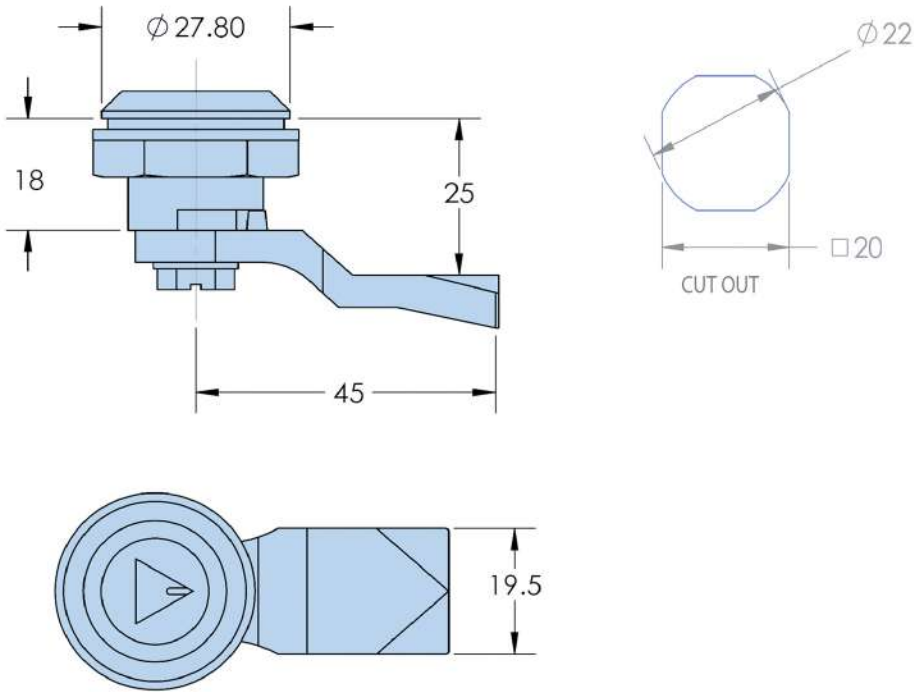


■ Cut Out



Product no.	Finish	Insert	Weight (g)	Lot
MS 705- 1- 1.1	Chrome plating	slot insert	80	500
MS 705- 1- 2.1		double bit insert	76	500
MS 705- 1- 3.1		S insert	72	500
MS 705- 2- 1.1	Chrome plating	double bit insert	74.5	500
MS 705- 2- 2.1		triangular insert	77	500
MS 705- 2- 3.1		square insert	74.5	500
MS 705- 2S - 1	Stainless steel	slot insert	86	500
MS 705- 2S - 2		double bit insert	80.5	500
MS 705- 2S - 3		triangular insert	78	500
MS 705- 2S - 4		square insert	80.5	500

Availbale in Polymide & Metal Cam

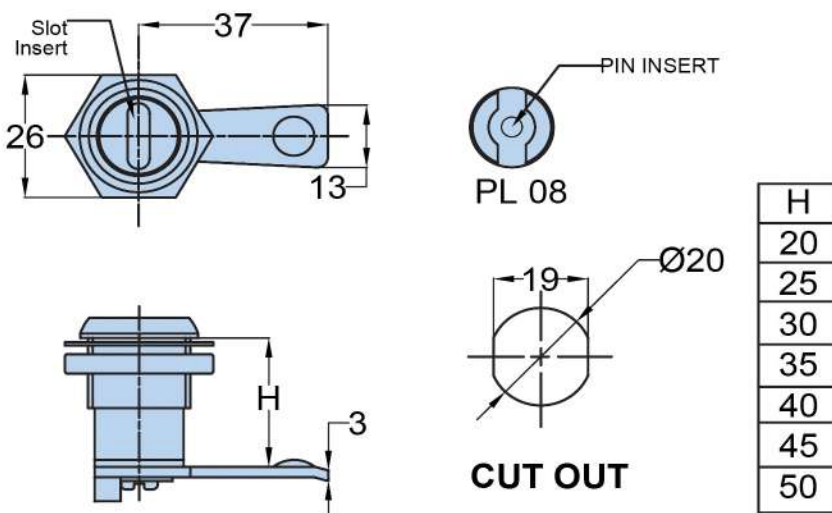


PL - 06P - T



PL - 06P - DB

- Material: Polymide PA-6.
- Finish: Black



PL - 07



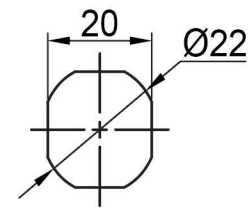
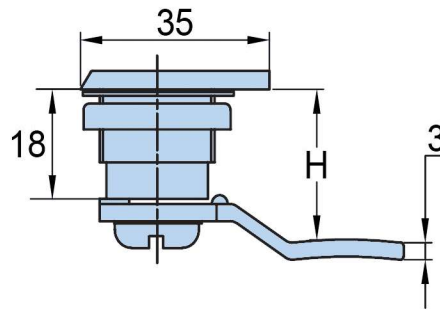
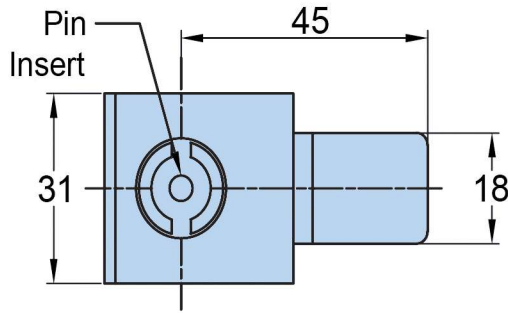
PL - 08

- Material: Zinc Die Casting - Body, Steel-Cam.
- Finish: Chrome Plating



PL - 09

- Material: Zinc Die Casting - Body, Steel-Cam.
- Finish: Chrome Plating



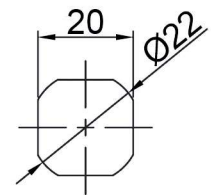
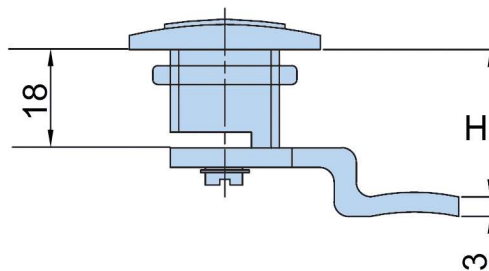
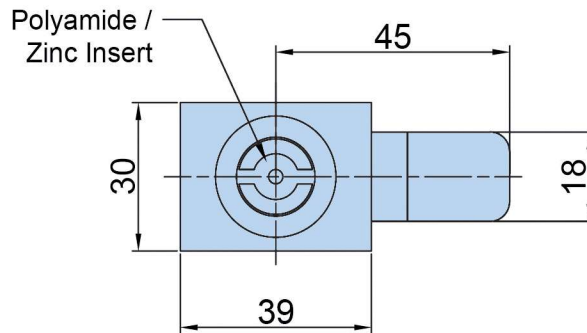
CUT OUT

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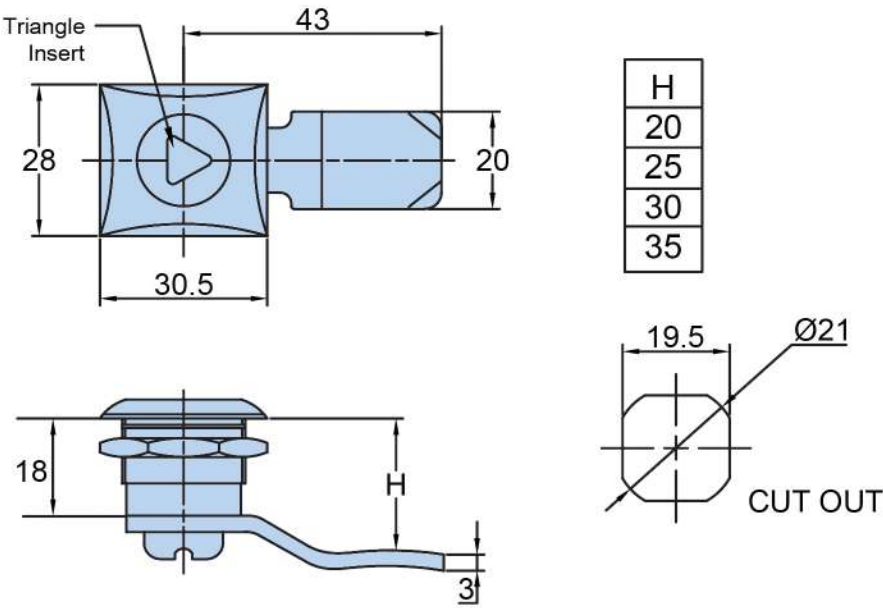
PL - 09 AB

- Material: PA 6,Steel-Cam,Zinc Die Casting, Polymide -Insert.
- Finish: Zinc Blue Plating-Cam

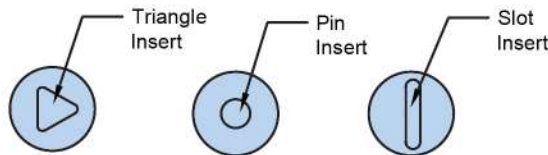


CUT OUT

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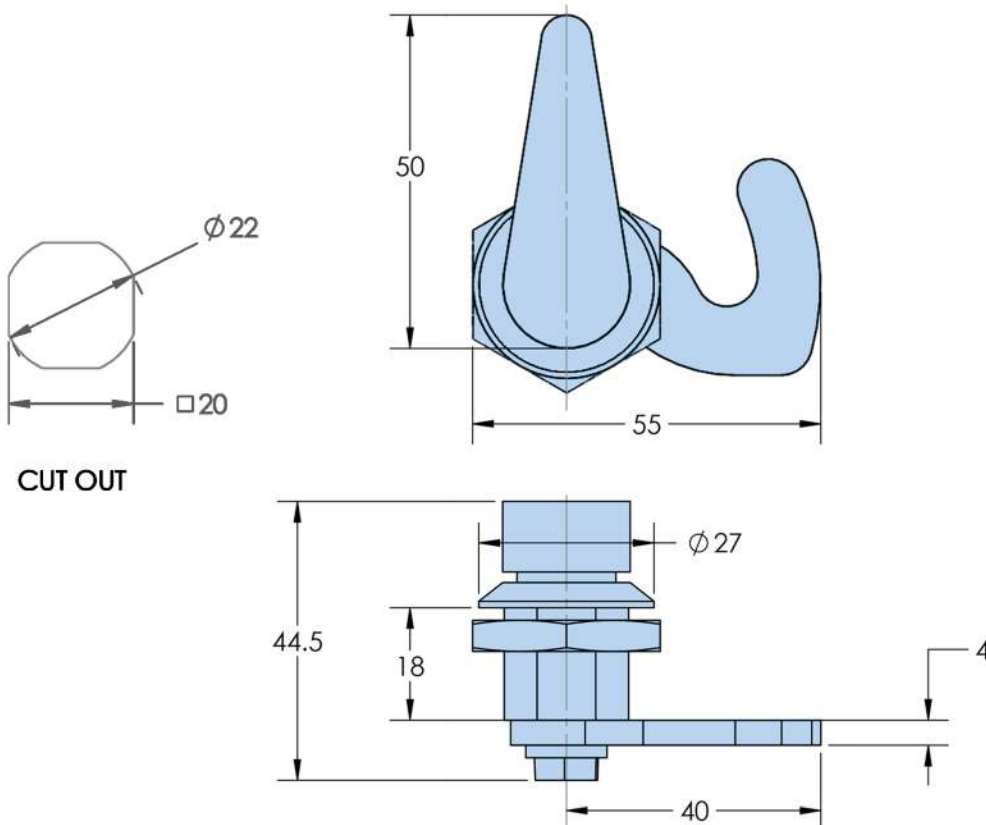


Available Inserts



PL - 09 - 1 - 1

- Material: Zinc Die Casting - Body, Steel-Cam.
- Finish: Chrome Plating



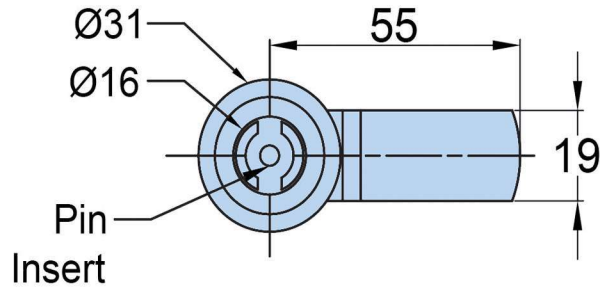
PL - 10

- Material: Polymide 6 GF-30(Body), Brass Chuck Nut, Steel Lever.
- Finish: Nickel Chrome Plating Cam, Body Black

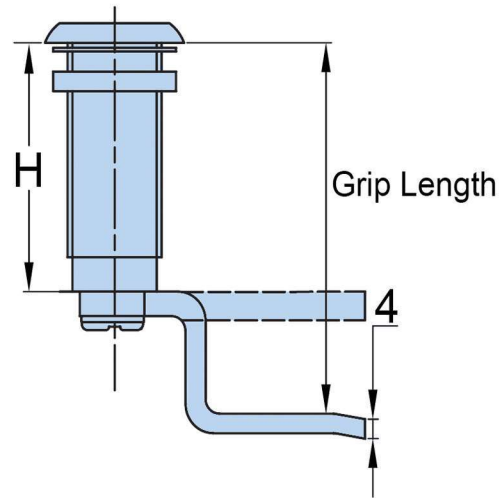


PL- 11

- Material: Zinc Die Casting, Steel Cam
- Finish: Chrome Plating



H
30
40
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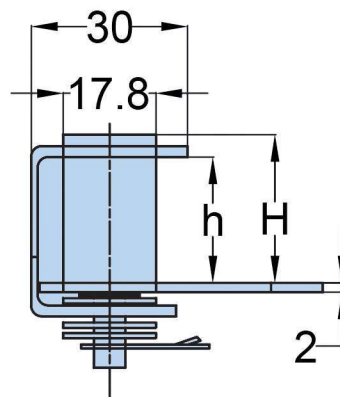
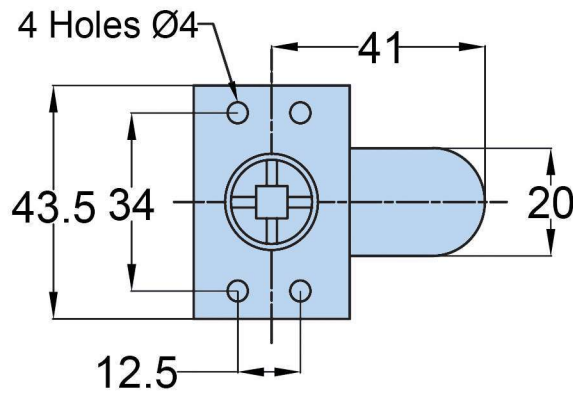


CUT OUT

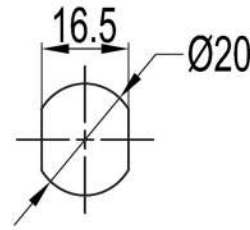
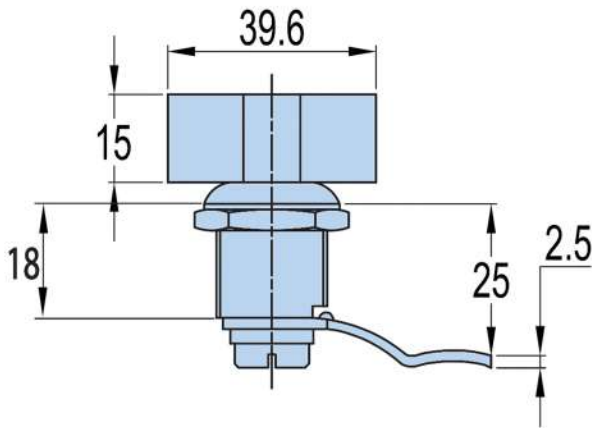
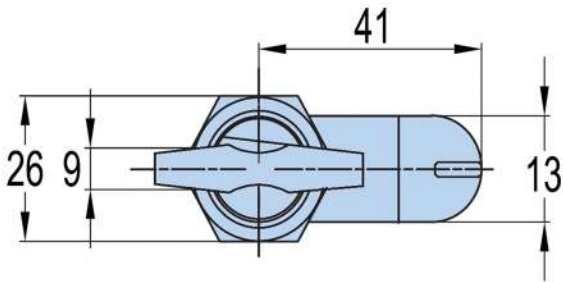


PL - 12

- Material: Steel-Body, Steel-Cam
- Finish: Zinc Yellow Plating



h	H
15	20
20	25
25	30
30	35

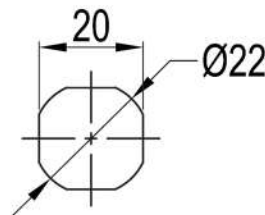
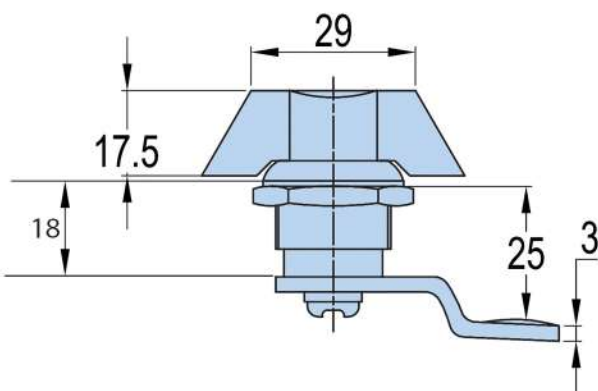
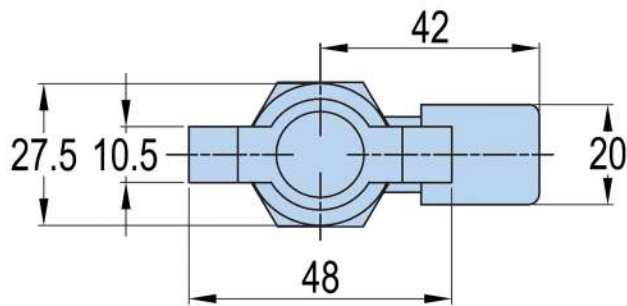


**CUT OUT**



**PL - 13**

- Material: Zinc Die Casting-Body, Steel-Cam.
- Finish: Black Powder Coated-Knob, Housing-Chrome.



**CUT OUT**



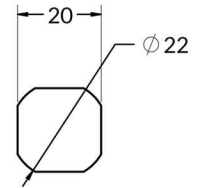
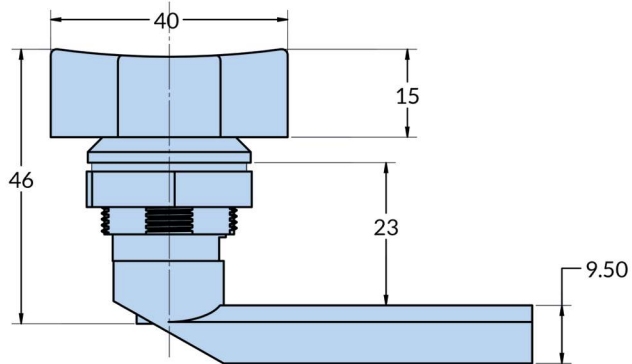
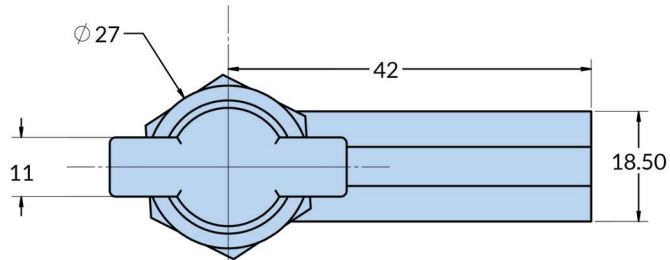
**PL - 14**

- Material: Zinc Die Casting Body, Polymaide-Knob, Steel-Cam.
- Finish: Polymaide-Knob, Chrome Plating-Housing



**PL - 14 B**

- Material: Zinc Die Casting
- Finish: Chrome Plating

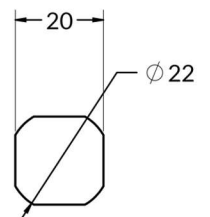
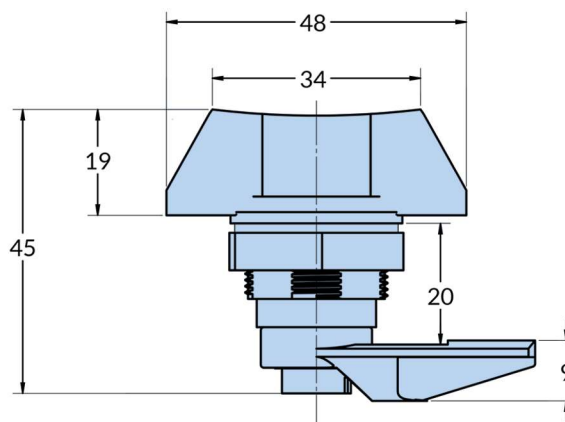
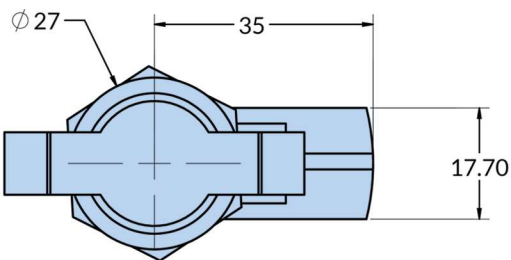


Cut out



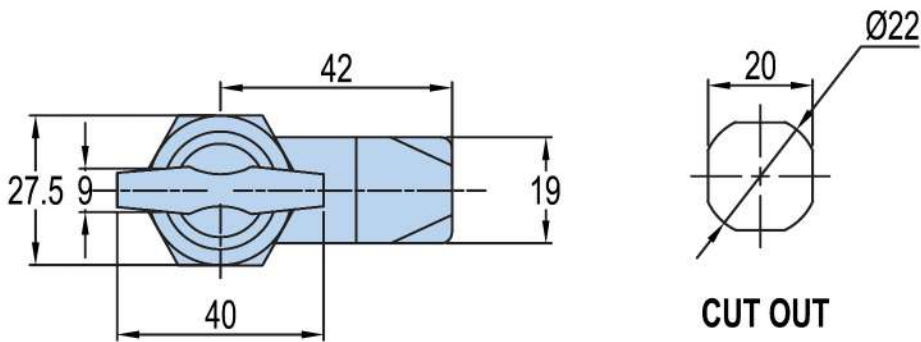
**PL - 14 AB**

- Material: Zinc Die Casting
- Finish: Chrome Plating



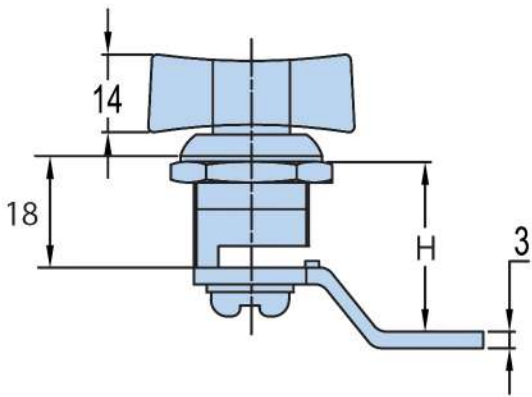
Cut out





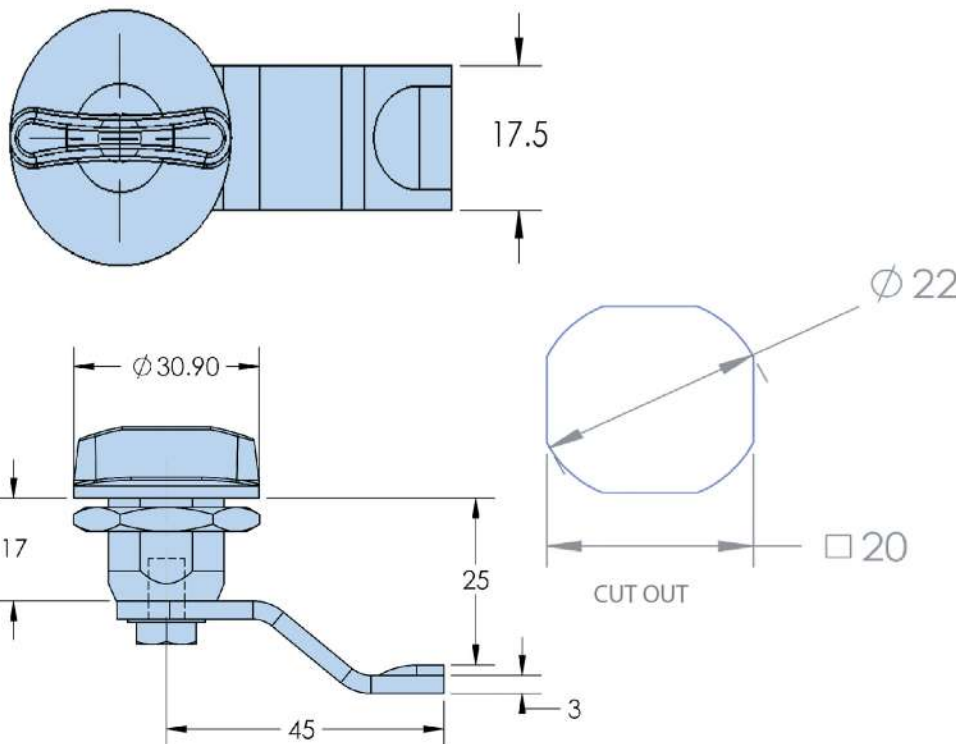
CUT OUT

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PL - 15

- Material: Zinc Die Casting, Steel-Cam.
- Finish: Chrome Plating/Black Powder Coating.



CUT OUT

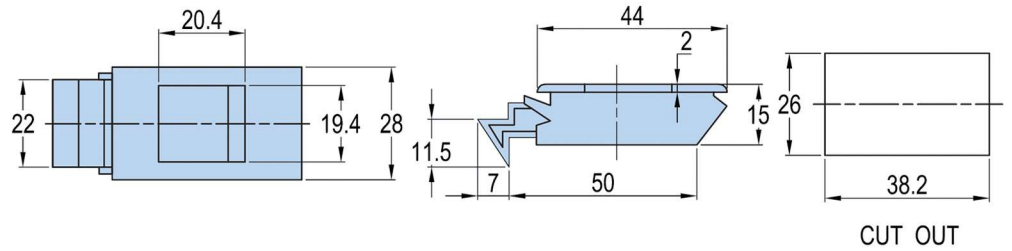


PL - 16

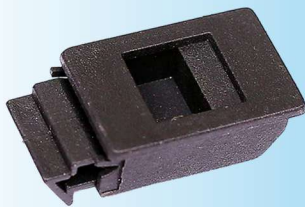
- Material: Zinc Die Casting, Steel Lever
- Finish: Black Powder Coating, Zinc Blue



PL - 17



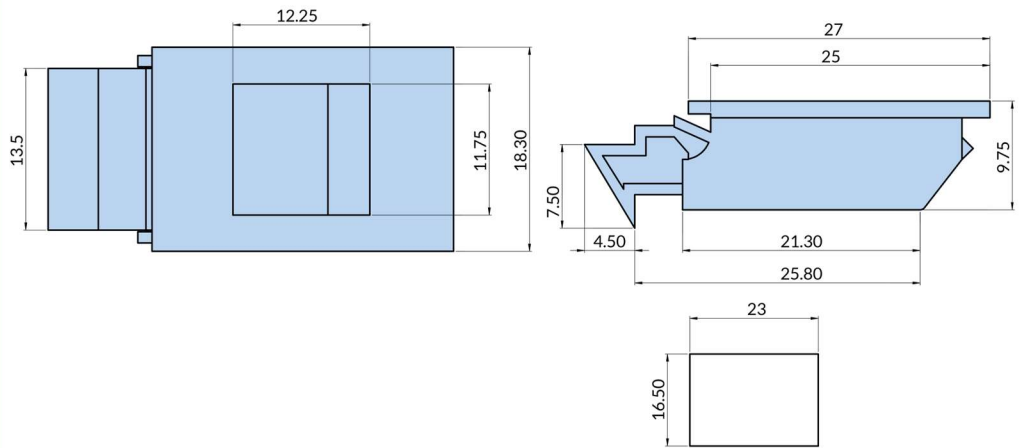
CUT OUT



PL - 17 - 1

**Small Latch**

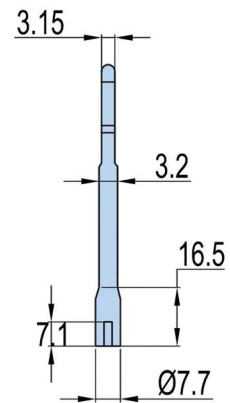
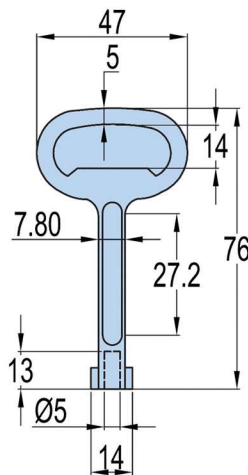
● Material: Nylon GF - 30



CUT OUT

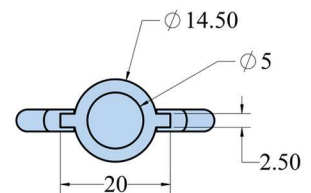
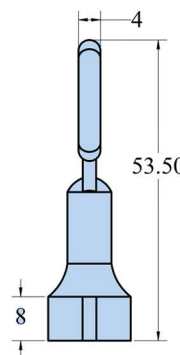
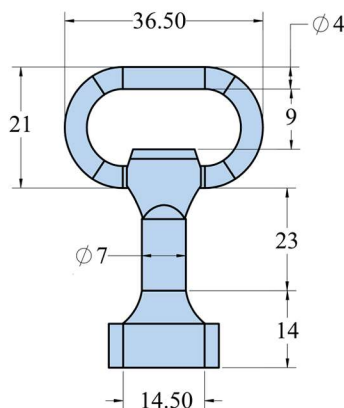


PL - 18

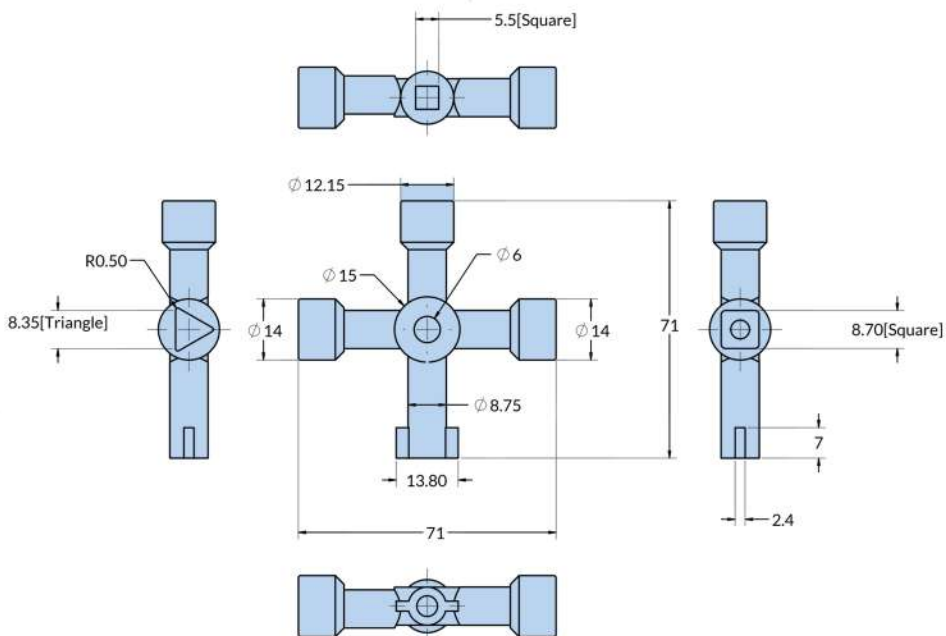


PL - 18 (Small)

● Material: Zinc Die Casting  
● Finish: Chrome Plating.

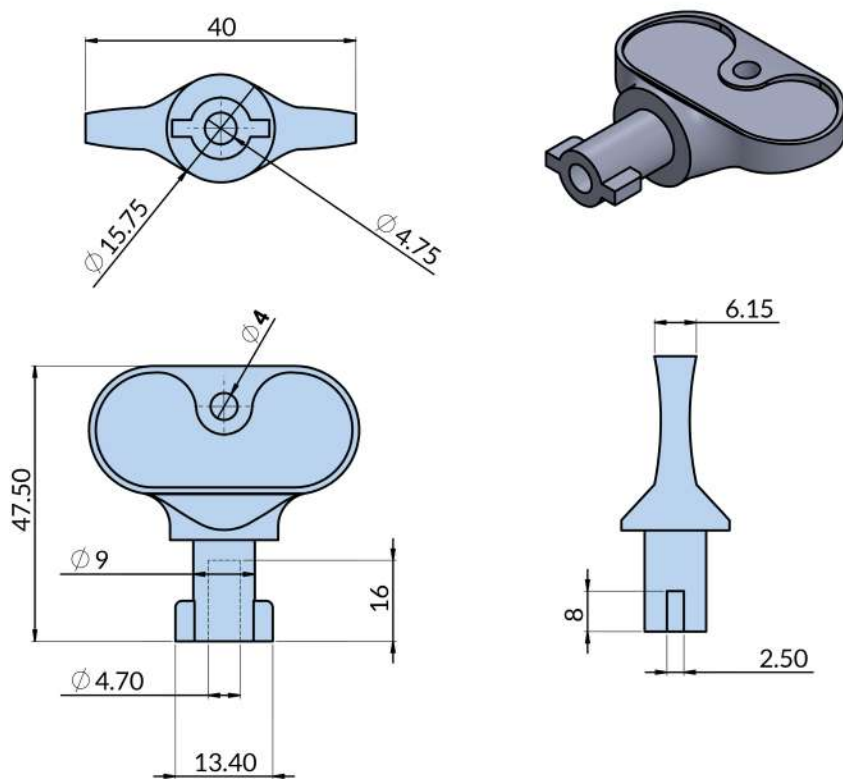


**ROUND TYPE**



PL - 18 AB

- Material: Zinc Die Casting
- Finish: Black Powder Coated



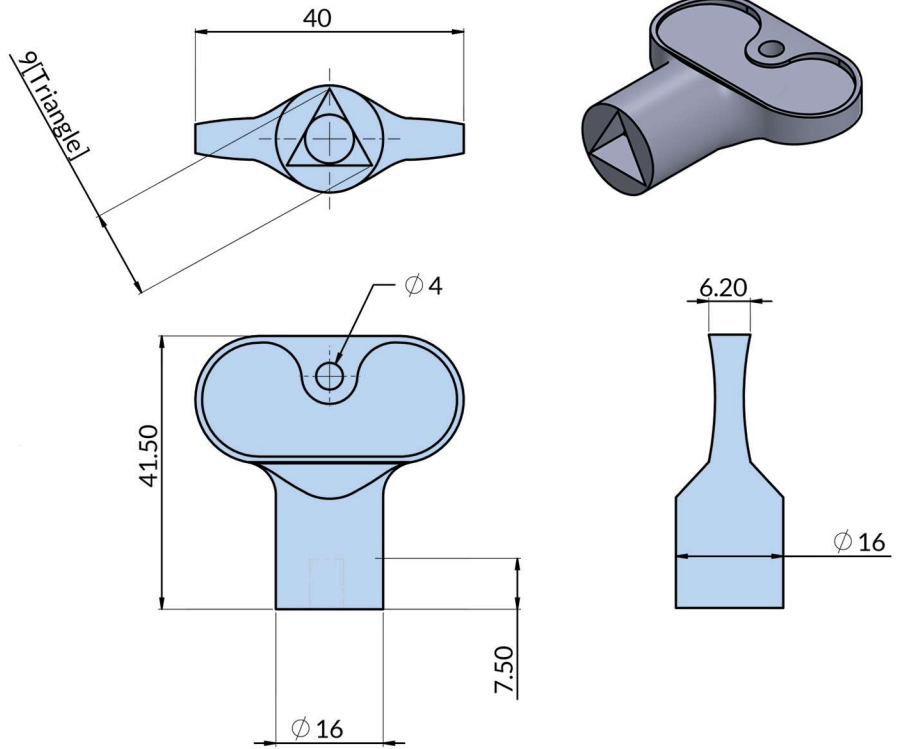
PL - 18 A

- Material: Polymide-6 GF-30

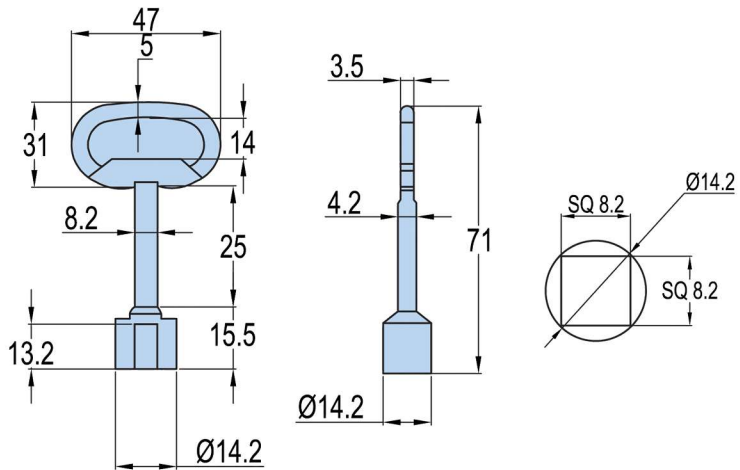


PL - 18 C

● Material: Nylon GF - 30

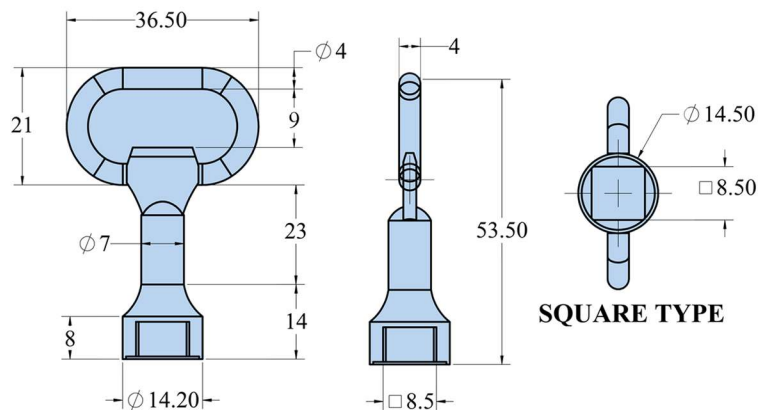


PL - 019

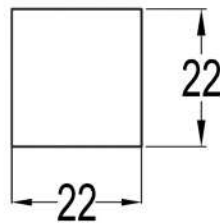
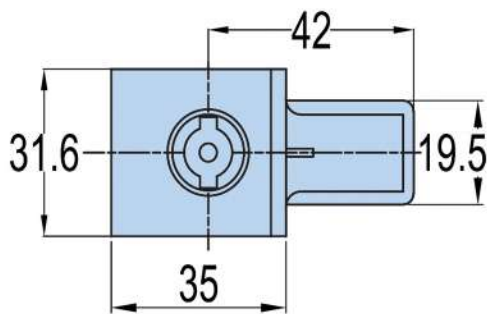
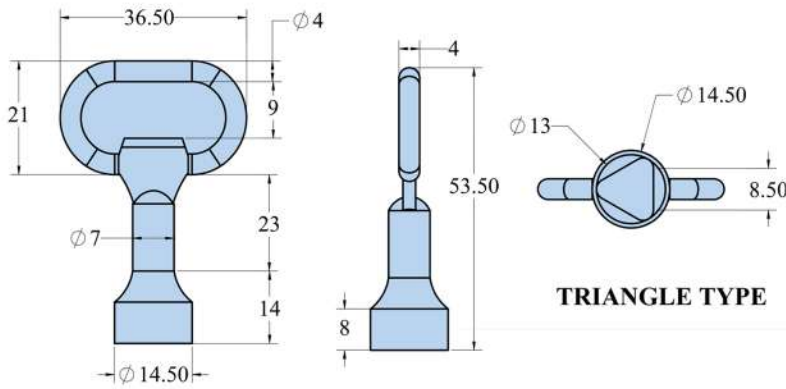
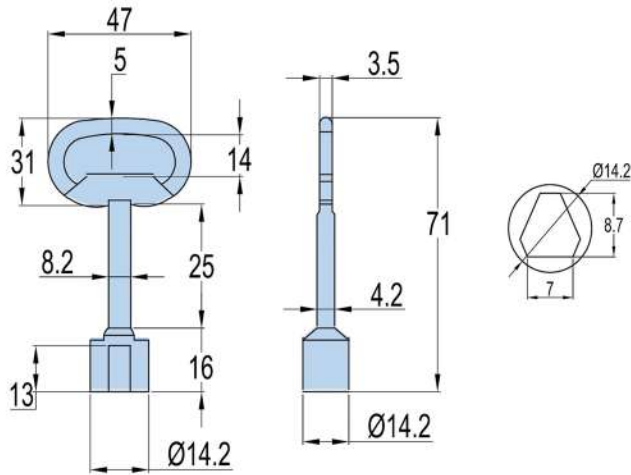


PL - 019 ( Small )

● Material: Zinc Die Casting  
● Finish: Chrome Plating



SQUARE TYPE



**CUT OUT**



**PL - 20**



**PL - 20 ( Small )**

- Material: Zinc Die Casting
- Finish: Chrome Plating



**PL - 22**

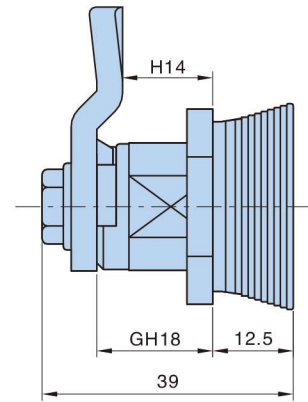
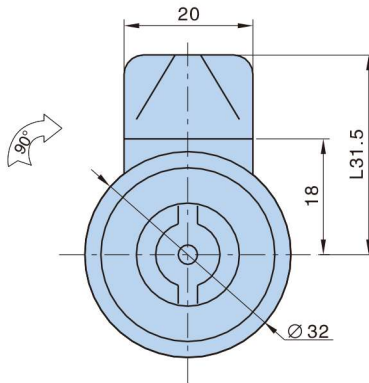
- Material: Zinc Die Casting-Body, Cam.
- Finish: Powder Coating.



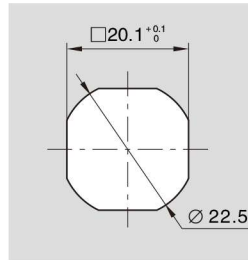
K7010-11

MS - 702

- Material: Zinc die-casting body  
Zinc plating cam
- Finish: Bluish green, Matt black powder coated
- Panel thickness: 1~8mm



■ Cut Out

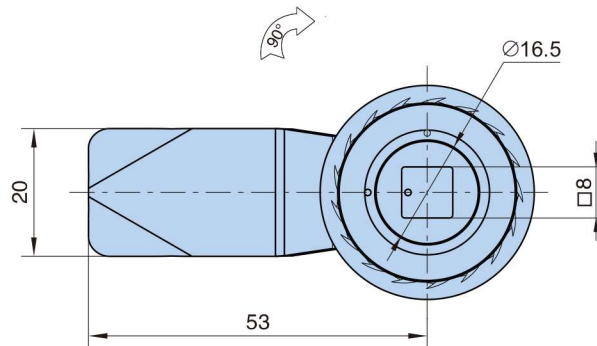
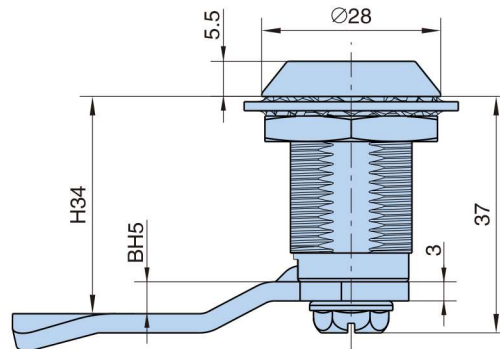


Product Number		Weight (g)	Lot
Bluish green	MS 702.9	91	200
Matt black powder coated	MS 702.4	92	200

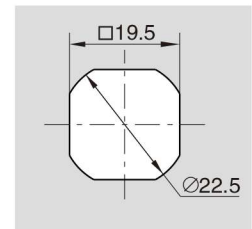


MS 7064Z - 1 - 1

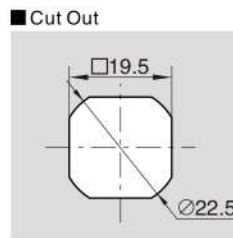
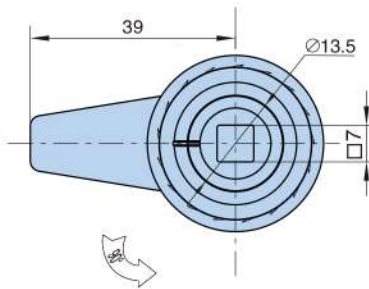
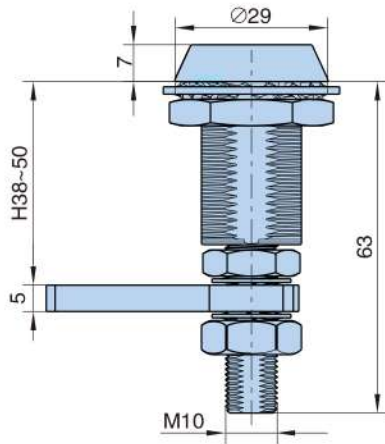
- Material: Zinc die-casting body and insert steel cam
- Finish: Bright chrome plating
- Panel thickness: 1~5mm



■ Cut Out



Product no.	Weight (g)	Lot
MS 7064Z- 1- 1	78	200

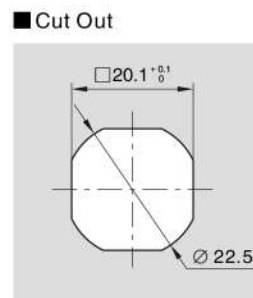
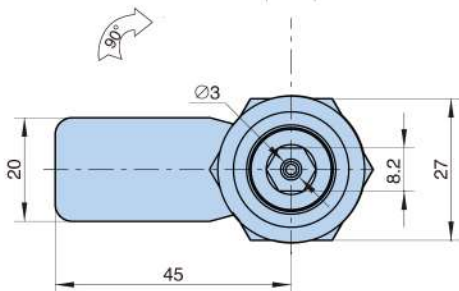
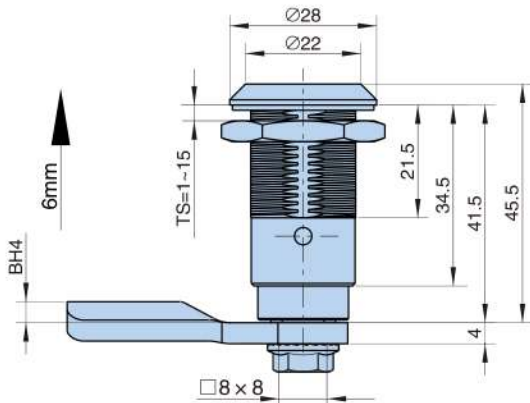


Product no.	Weight (g)	Lot
MS 7065Z- 1 - 1	137.5	200



MS 7065Z - 1 - 1

- Material: Zinc die-casting body and insert steel cam
- Finish: Bright chrome plating
- Panel thickness: 1~8mm
- Remarks: Compression type lock  
The amount is about 5mm Turn the insert 180° to open lock



Product no.	Weight (g)	Lot
MS 7075S- 1	99.5	200



MS 7075S -1 - 1

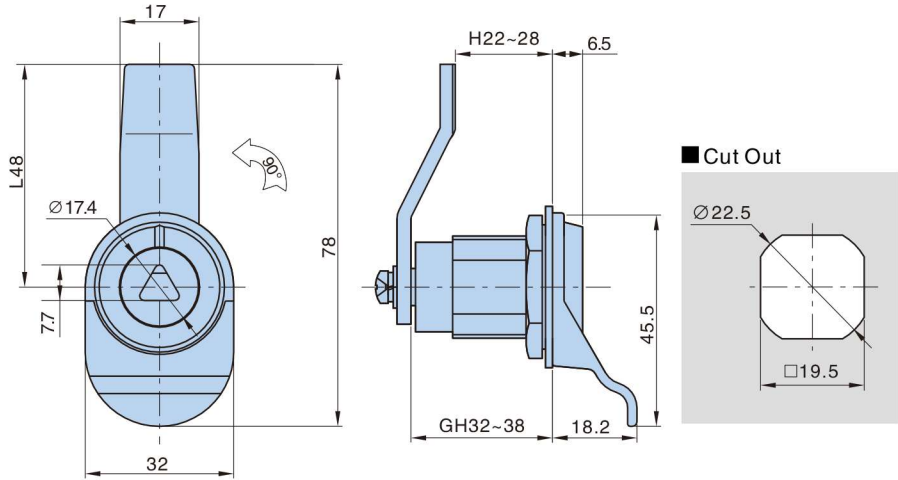
- Material: Stainless steel
- Finish: Raw
- Panel thickness: 1~15mm
- Remark: Cam Cutout 8x8



K7030-07

**MS711 - 1 - 1L**

- Material: Zinc die-casting body and key, PA-6 pull-tab, Zinc plating cam, fixing parts;
- Finish: Bright chrome plating
- Panel thickness: 1.5~8mm
- Remark: compression latch 6mm pull-up

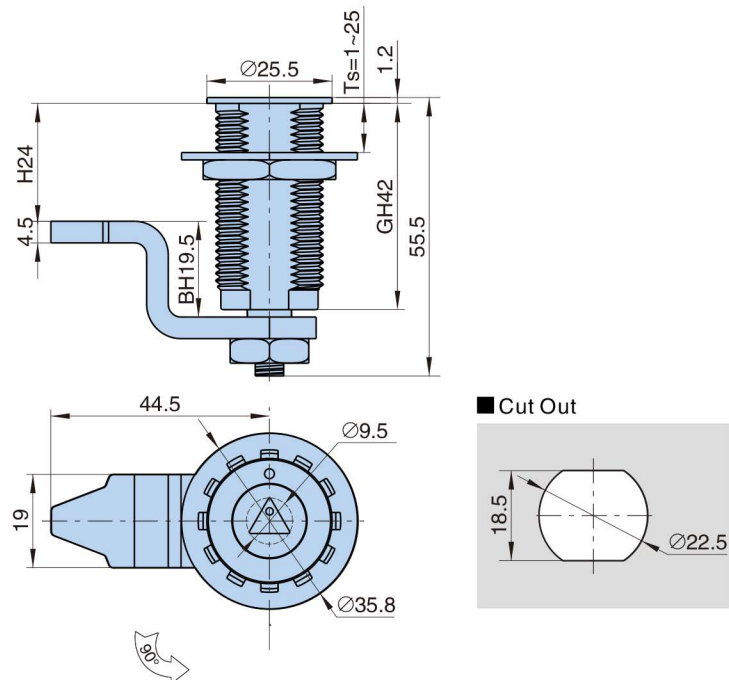


Product Number											
Black powder coated						Bright chrome plating					
open by turn left	Weight (g)	Lot	open by turn right	Weight (g)	Lot	open by turn left	Weight (g)	Lot	open by turn right	Weight (g)	Lot
MS 711-1-1L.3	95.5	200	MS 711-1-1R.3	98.5	200	MS 711-1-1L.1	95.5	200	MS 711-1-1R.1	98.5	200
MS 711-4-1L.3	98.5	200				MS 711-4-1L.3	98.5	200			



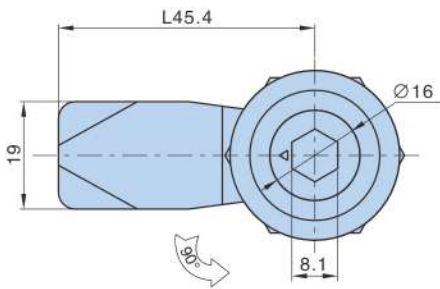
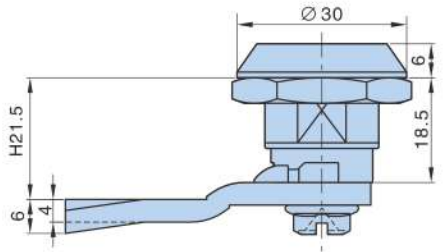
**MS 714**

- Material: zinc die-casting body, insert
- M.S. Zinc plating cam
- Panel thickness: 1~35mm

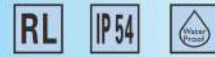
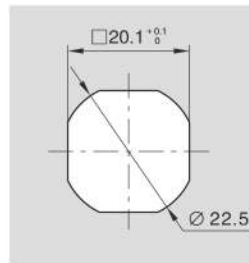


Product no.	Weight (g)	Lot
MS714		200



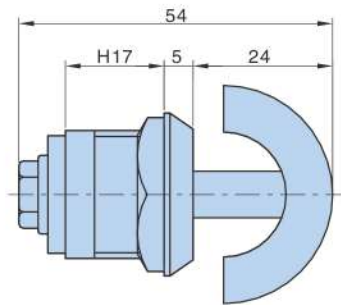
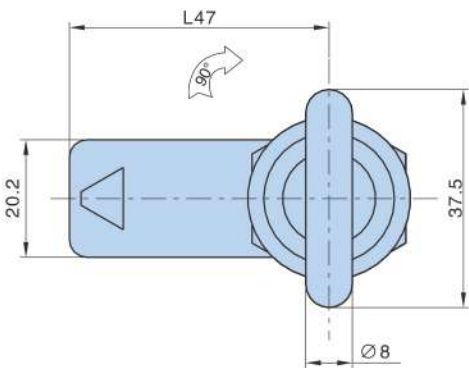


■ Cut Out

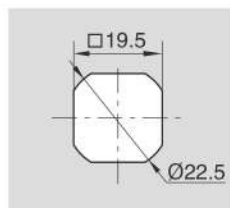


**MS 725**

- Material: Zinc die-casting body, nut and key, Zinc plating cam
- Finish: Black powder coated
- Panel thickness: 1~5mm



■ Cut Out



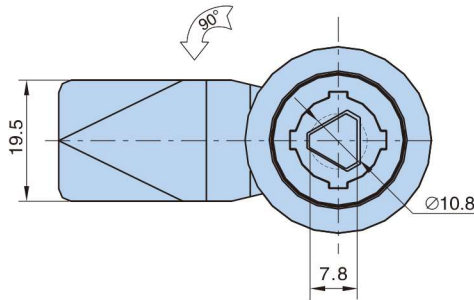
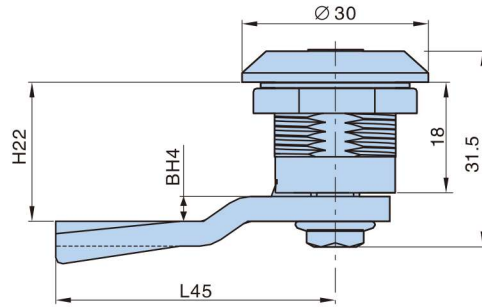
**MS 431 - 1 - 1**

- Material: Zinc die-casting body M.S. Zinc plating nut cam
- Finish: Bright chrome plating
- Panel thickness: 1~5mm

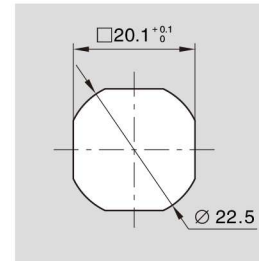


**MS 727**

- Material: Zinc die-casting body, Zinc plating cam, Protection of steel bolt shedding structure
- Finish: Black powder coated
- Panel thickness: 1~5mm



■ Cut Out



Product no.	Weight (g)	Lot
MS 727	86.5	200

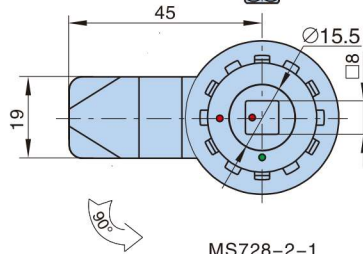
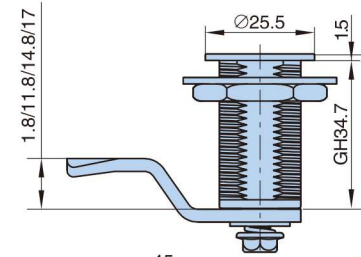


**MS728 - 2 - 1**

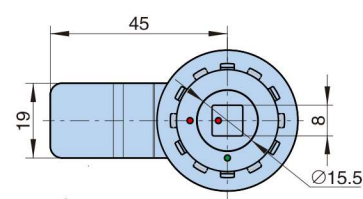
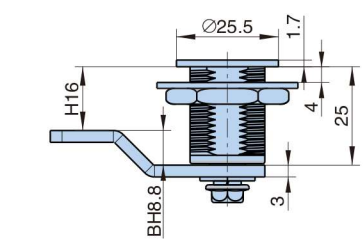


**MS728 - 2 - 2**

- Material: Zinc die-casting body, Zinc plating cam
- Finish: Bright chrome plating
- Panel thickness: 1~15mm
- Remark: compression latch, 7mm pull-up

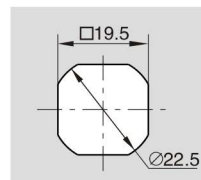


MS728-2-1

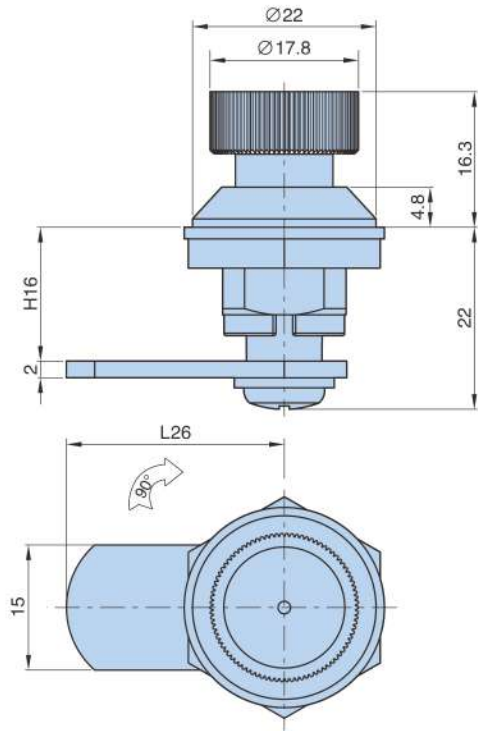


MS728-2-2

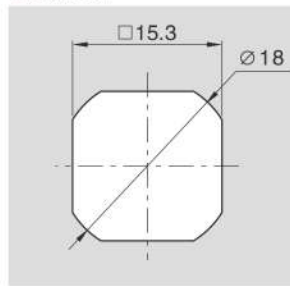
■ Cut Out



Product no.	Weight (g)	Lot
MS 728- 2- 1	102	200
MS 728- 2- 2		



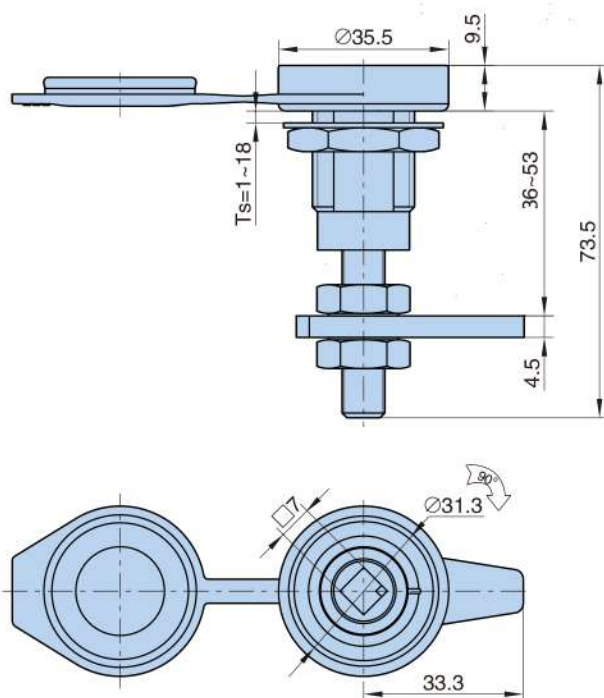
■ Cut Out



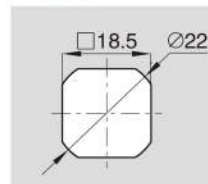
**MS 433**

- Material: Zinc die-casting housing, handle, Zinc plating cam
- Finish: bright chrome plating
- Panel thickness: 1~4mm
- Remark: cam cutout 15.3X7, 90 Degree positioning

**Compression Locks**



■ Cut Out



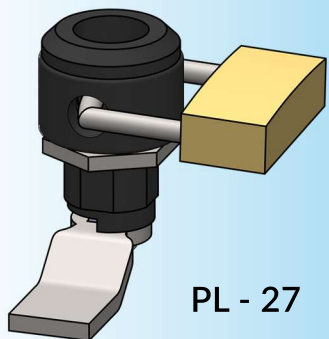
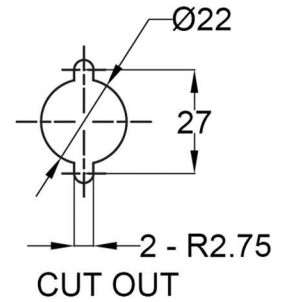
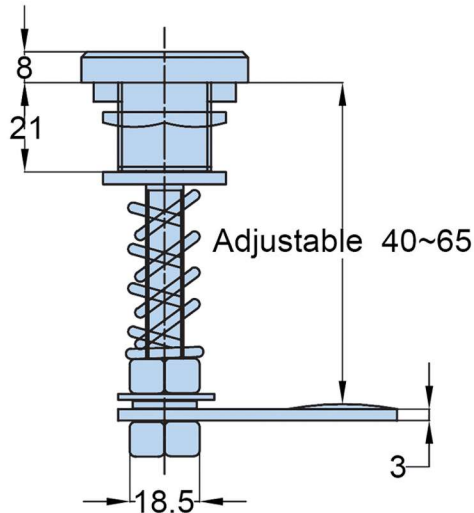
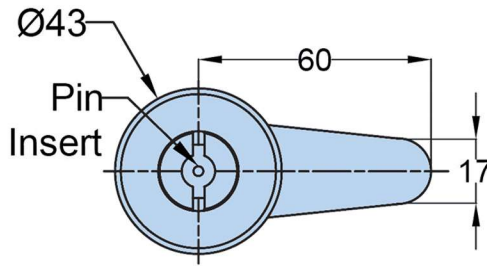
**MS 817 - 2A - 1**

- Material: zinc die-casting body, nut and key, M.S. Zinc plating cam;
- Panel thickness: 1~18mm;
- Remark: compression latch, 6mm pull-up



MS - 518

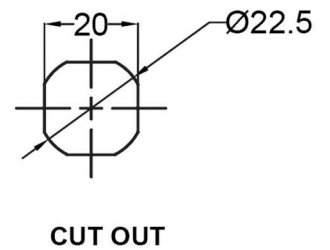
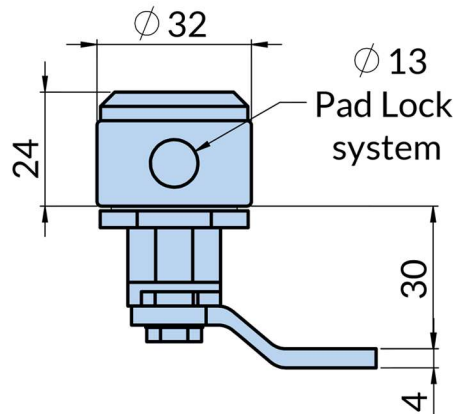
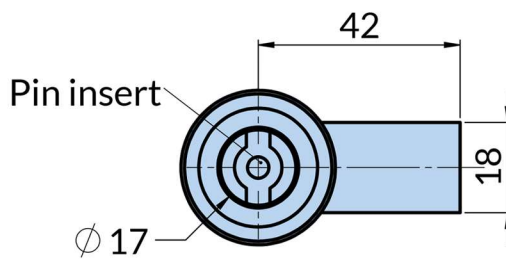
- Material: Zinc Die Casting-Body, Nut, Zinc Plating - Cam, Washer
- Finish: Chrome Plating



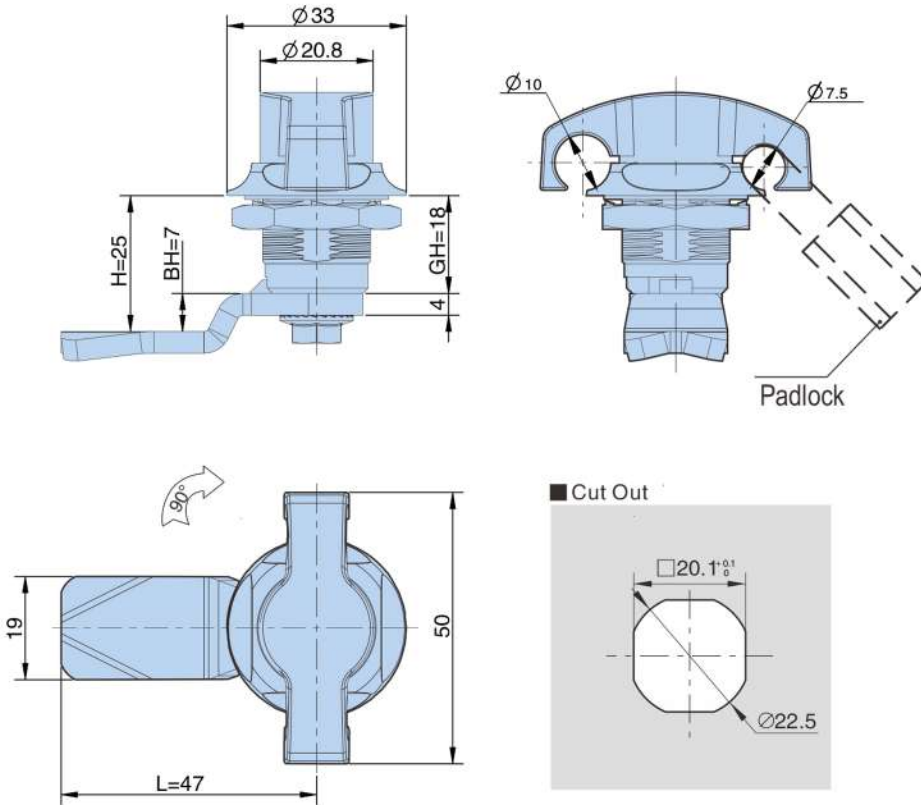
PL - 27

- Material: Zinc Die Casting Housing Body, MS-Zinc Plating Cam. Bright Chrome/Black Coated Finish.

Quarter turn Padlockable



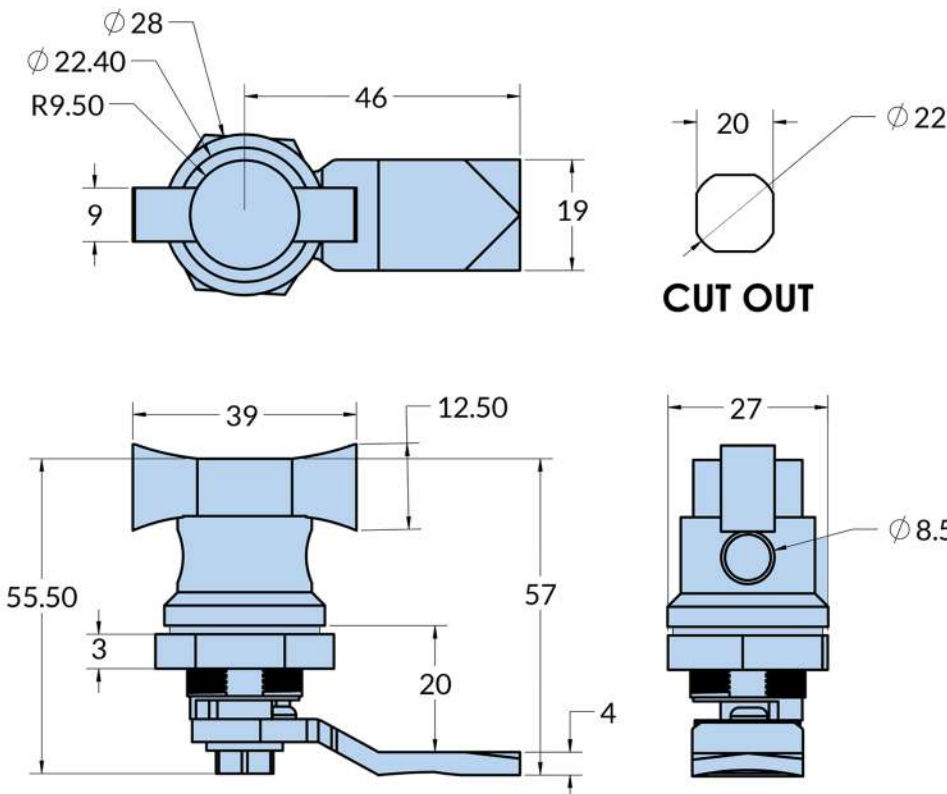
**Quarter turn Padlockable**



**NY 1406**

- Material: zinc die, steel cam
- Surface: sand grain black
- Door thickness: 1~5mm
- Notes: cam size 8 x 8

**Quarter turn Padlockable**



**MS 722 - 2 - 1**

- Material: Zinc die-casting body PA handle
- Finish: Matt black
- Panel: thickness: 1~6mm
- Remark: Cam cutout 8x8



MS 706 - 2 - 1



MS 706 - 2 - 2



MS 706 - 2 - 3



MS 706 - 2 - 4



MS 706 - 2 - 5

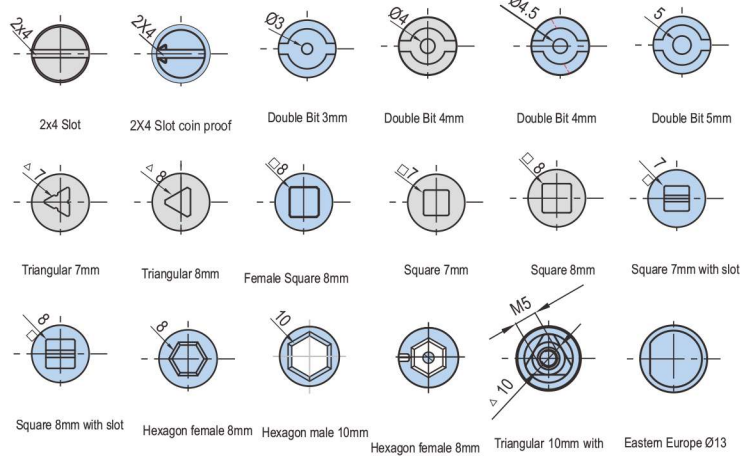
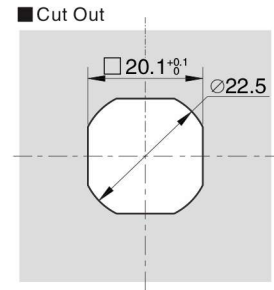
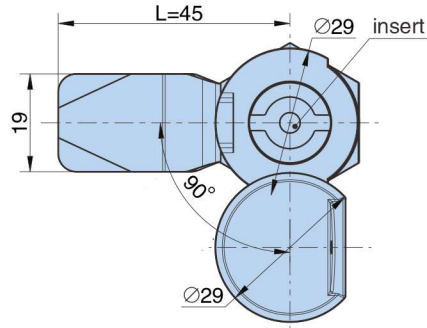
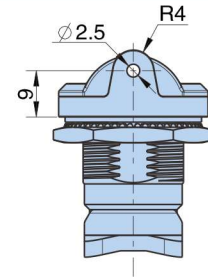
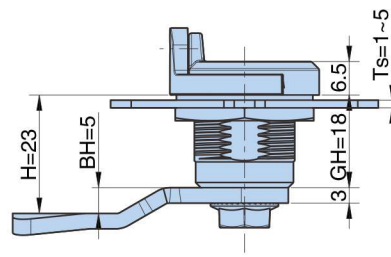


MS 706 - 2 - 6

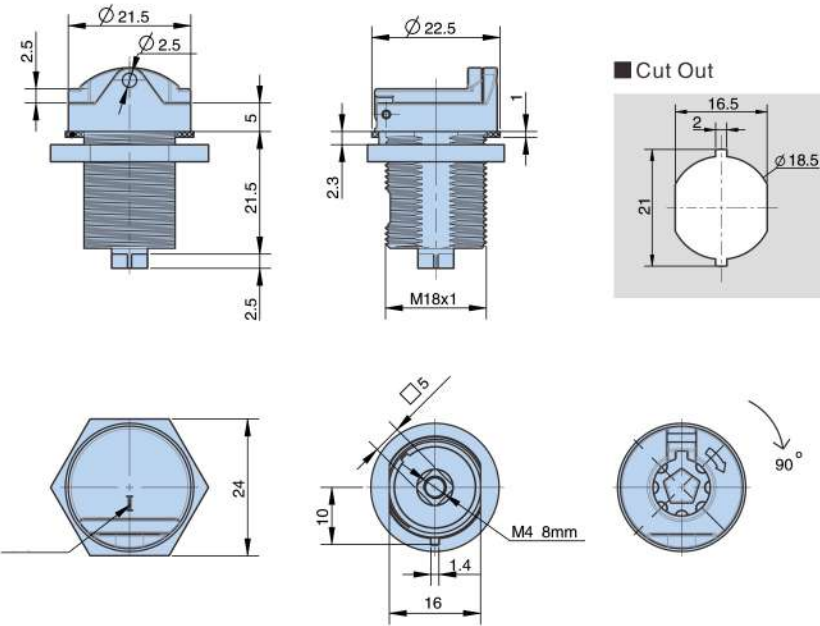


K7010-05 K7030-07 K7040-01

- Material: Zinc die-casting body, Nut and key, Zinc plating cam
- Finish: Pocked chrome plating
- Panel thickness: 1~5mm
- Remark: cam cutout  $\square 8 \times 8$



Product no.	Finish	Insert type	Weight (g)	Lot
MS706-2-6	Pocked chrome plating	slot insert	86.5	200
MS706-2-7		2x4 Slot coin proof		
MS706-2-8		3mm Double Bit		
MS706-2-1		4mm Double Bit	83.5	200
MS706-2-9		5mm Double Bit		
MS706-2-10		4.5mm insert		
MS706-2-3		7mm Triangular	80	200
MS706-2-2		8mm Triangular	80	200
MS706-2-11		6mm Square		
MS706-2-5		7mm Square	80.5	200
MS706-2-4		8mm Square	80.5	200
MS706-2-12		Square 7mm with slot		
MS706-2-13		Square 8mm with slot		
MS706-2-14		Female square 8mm		
MS706-2-15		Hexagon female 8mm		
MS706-2-16		Hexagon female 9mm		
MS706-2-17		Hexagon female 10mm		
MS706-2-18		Hexagon female 8mm with 3mm pin		
MS706-2-19		Hexagon male 10mm		
MS706-2-20		Eastern Europe 13		
MS706-2-21		Triangular 10mm with M5 screw hole		

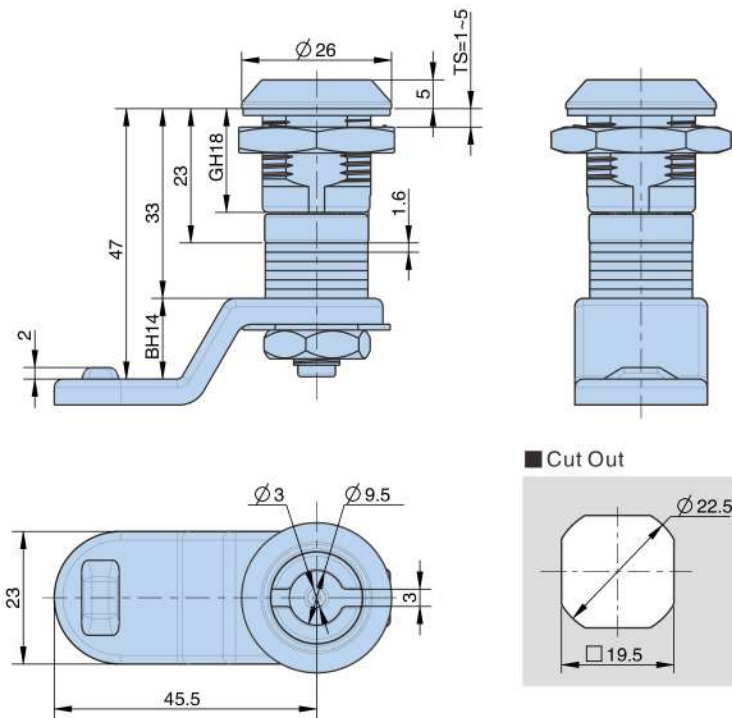


Product no.	Weight (g)	Lot
MS7078-1-1		



MS 7078 - 1 - 1

- Material: Zinc Die Casting
- Finish: Black Powder Coated



Product no.	Weight (g)	Lot
MS 7080S - 1 - 1		



MS 7080S - 1 - 1

- Material : sus body ,cam
- Finish: Raw
- Panel thickness : 1~5mm
- Remark : cam size 8 x 8



MS 815 - 1



MS 815 - 2



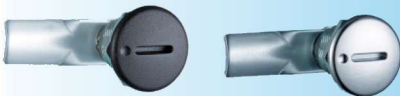
MS 815 - 3



MS 815 - 4



MS 815 - 2B



MS 815 - 1A

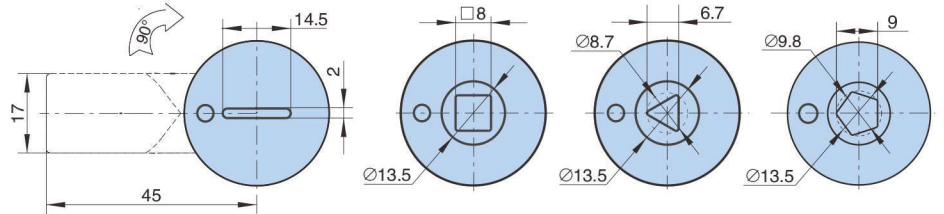
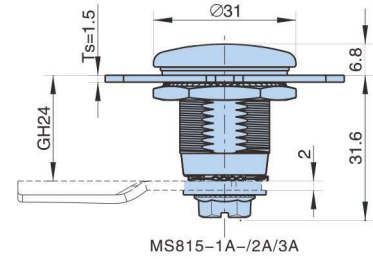
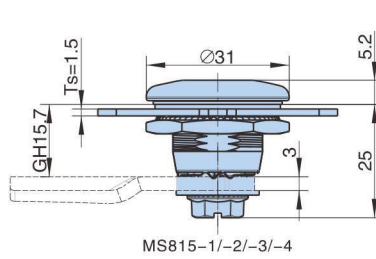


MS 815 - 2A

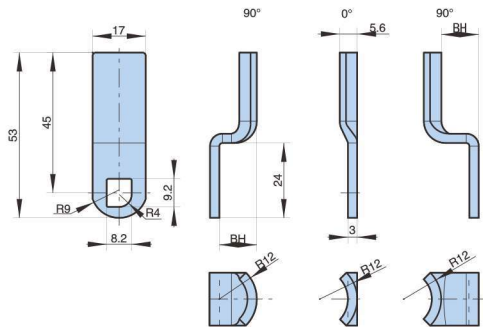
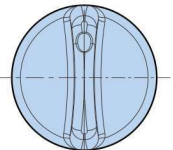
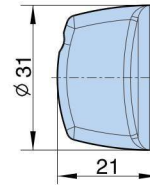
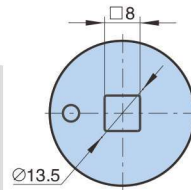
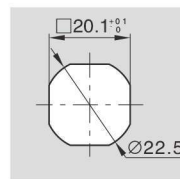


MS 815 - 3A

- Material: zinc alloy lock, lock shell, carbon steel Lock plate, not embroidered shrapnel
- Finish: sand grain black, sandblasting bright plating chromium
- Remarks: 90 ° rotation to achieve open or Locking.
- Panel thickness: 1 ~ 10 mm



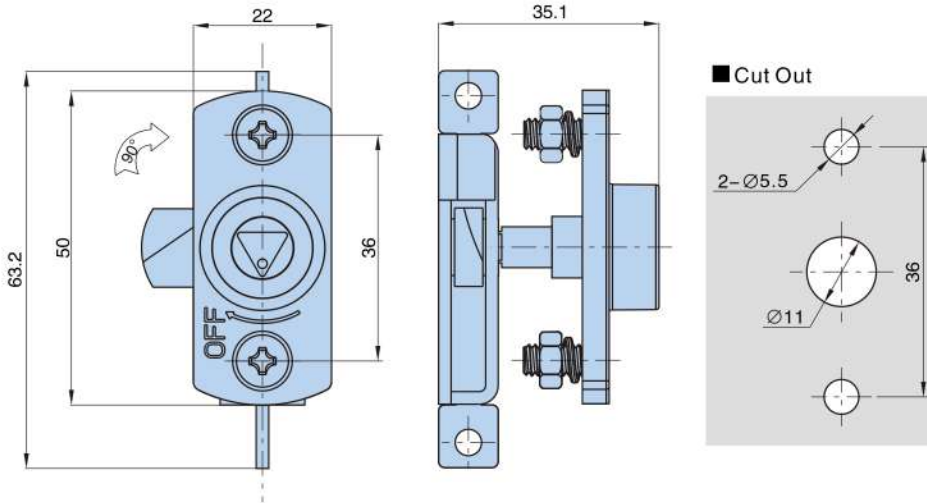
■ Cut Out



		BH	L	
MS815-1A.S01/00	1D4500T30	0	45	0°
MS815-1A.S09/00	1D4504T30	4	45	90°
MS815-1A.S02/00	1D4508T30	8	45	
MS815-1A.S03/00	1D4510T30	10	45	
MS815-1A.S04/00	1D4512T30	12	45	
MS815-1A.S05/00	1D45F04T30	4	45	90°
MS815-1A.S06/00	1D45F08T30	8	45	
MS815-1A.S07/00	1D45F10T30	10	45	
MS815-1A.S08/00	1D45F12T30	12	45	

Product Number		Weight (g)	Lot
Slotinsert	MS 815 - 1	78.5	200
Square insert	MS 815 - 2	76	200
Square insert	MS 815 - 2B	80	200
Triangular insert	MS 815 - 3	72.5	200
Pentagonal inert	MS 815 - 4	75	200
Handle type	MS 815 - 5		200
Slotinsert	MS815-1A	94.2	200
Square insert	MS815-2A	90.6	200
Triangular insert	MS815-3A	90	200
Handle type	MS 815 - 5A		200





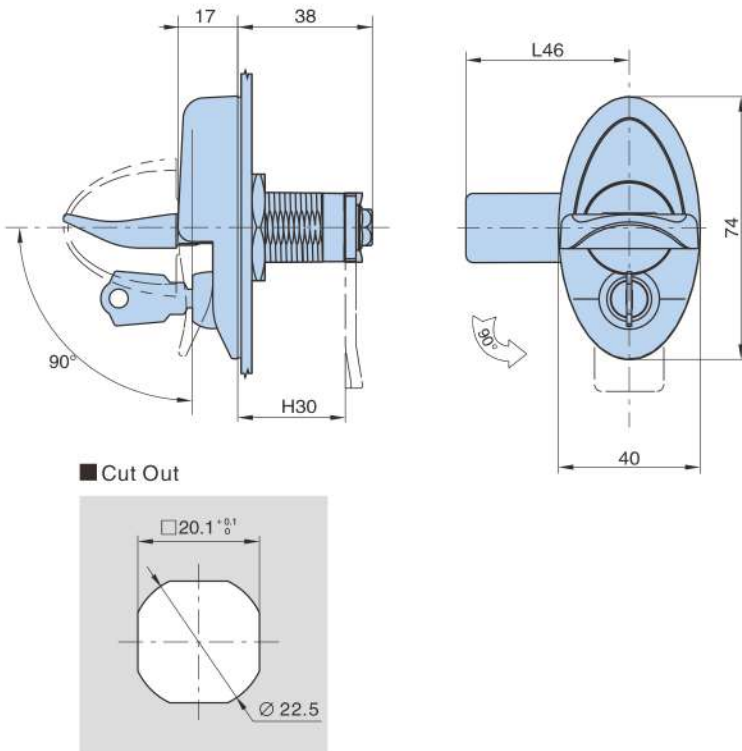
Product no.	Weight (g)	Lot
MS614-1-1	345	200

**RL**



**MS - 614 - 1 - 1**

- Material: Stainless steel lock shell, Lock cover, Zinc die-casting seat
- Finish: brushed
- Panel thickness: 1~5mm



**RL IP54**



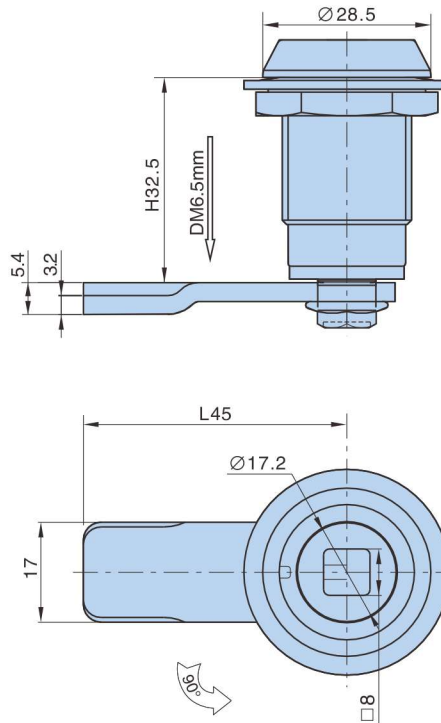
**MS 430 - 1 - 1**

- Material: Zinc die-casting body and cylinder, zinc plating cam
- Finish: Bright chrome plating
- Panel thickness: 1~20mm
- Remark: cutout □8 × 8



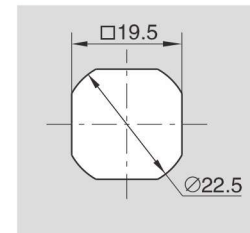
### MS 816 - 1

- Material: Zinc Die Casting-Body, Steel-Cam
- Finish: Black Powder Coating



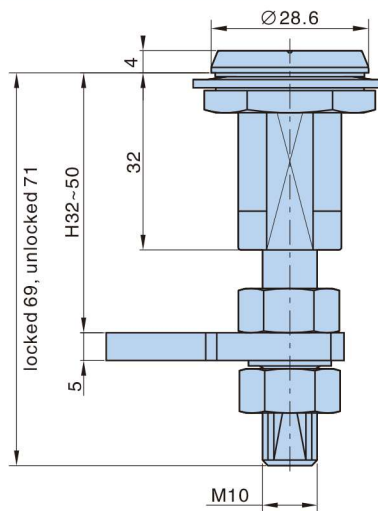
## Compression Locks

### ■ Cut Out



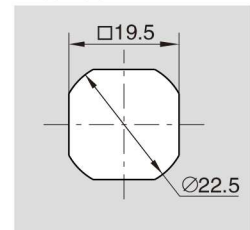
### MS 816 - 2

- Material: Zinc die-casting body, Zinc plating cam
- Finish: Black powder coated
- Panel thickness: 1~8mm
- Remark: compression Latch, 7mm pull-up

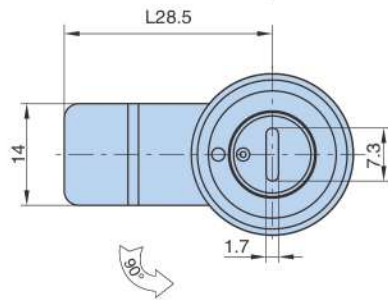
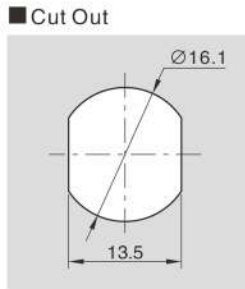
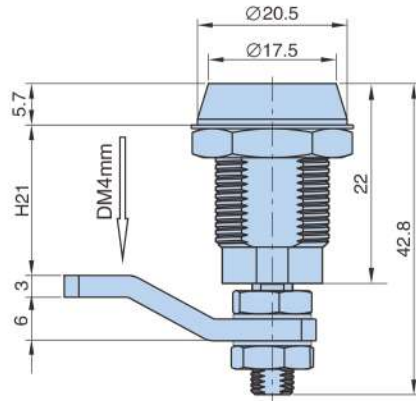


## Compression Locks

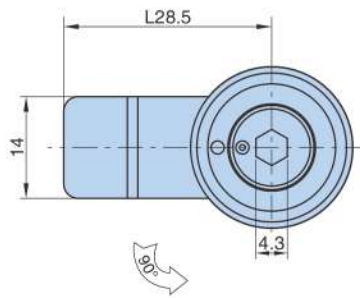
### ■ Cut Out



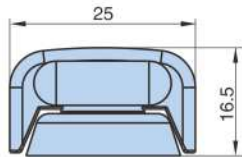
**Compression Locks**



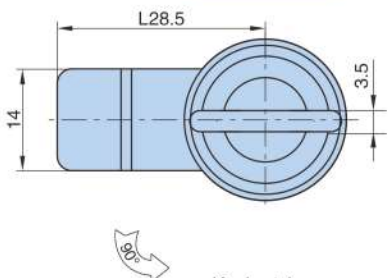
Slotted recess



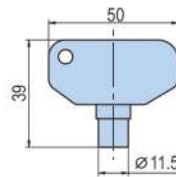
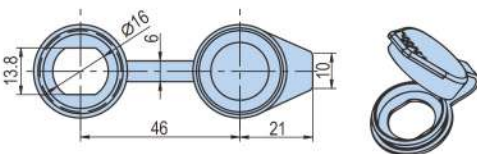
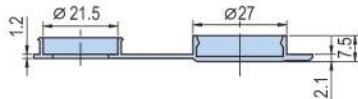
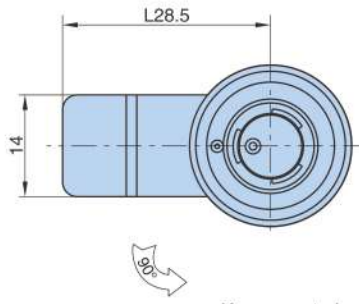
Tool-operated



Knob style



Key-operated



Nickel plated Key, for key operated



**MS 715**

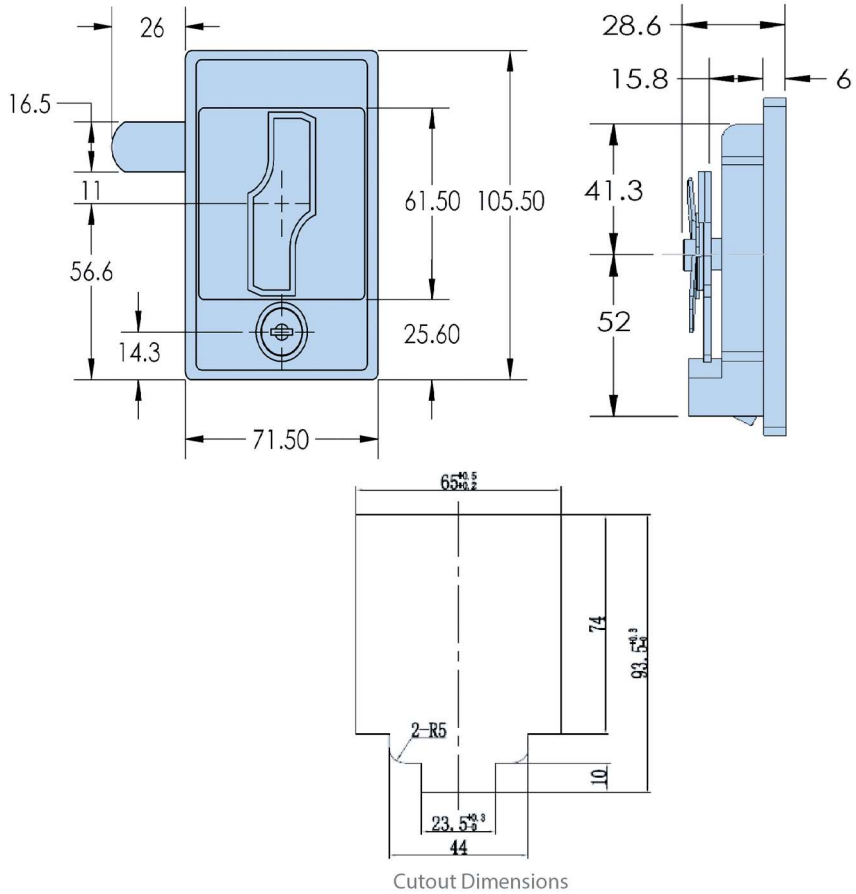
- Material: Zinc die-casting housing and insert, Zinc plating Screw Bolt
- Finish: Black powder coated
- Panel thickness: 1~8mm

Product no.	Insert	Weight (g)	Lot
MS 715- 1- 1	Slotted recess	45	500
MS 715- 1- 2	Tool-operated	50	500
MS 715- 1- 3	Knob style		
MS 715- 1- 4	Key operated		



KL - 10

- Material: Zinc Die Casting, Steel Cam
- Finish: Black

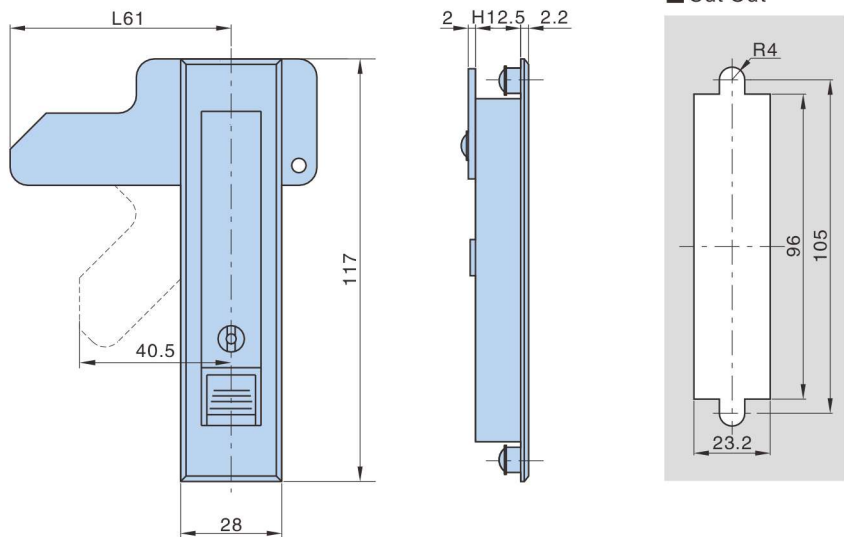


MS 502 - 2 - 1R MS 502 - 2 - 1W

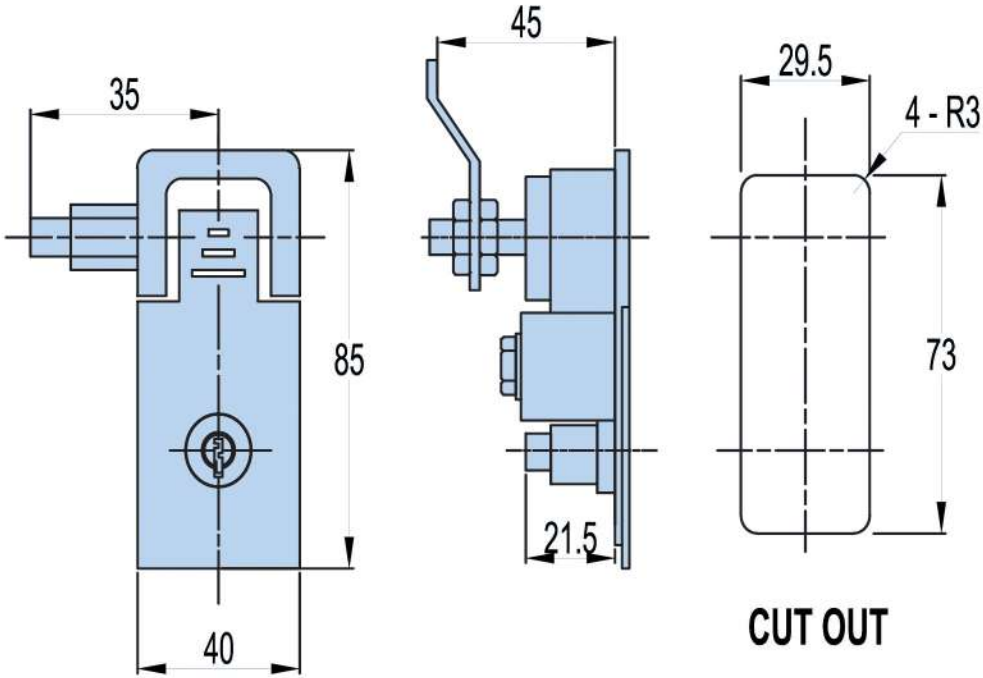


MS 502 - 2 - 2W MS 502 - 2 - 2R

- Material: Zinc die-casting body, Zinc plating cam
- Finish: Pocked chrome plating
- Panel thickness: 1~4mm

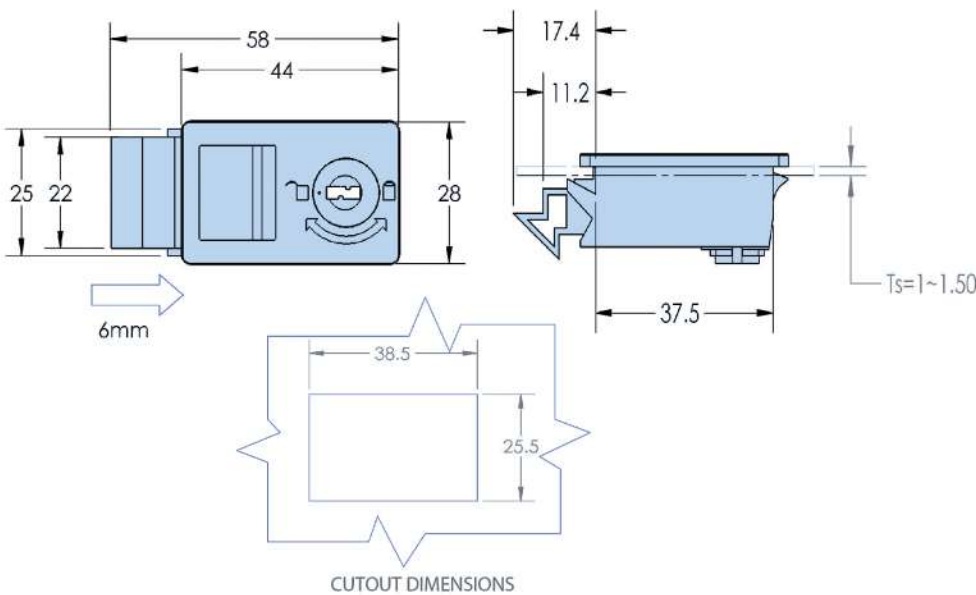


		Product Number	Weight (g)	Lot
White button	with key	MS 502- 2- 1W	149	100
	w/o key	MS 502- 2- 2W	149	100
Red button	with key	MS 502- 2- 1R	149	100
	w/o key	MS 502- 2- 2R	149	100



MS - 106 - 1 - 1

- Material: Zinc Die Casting Body, Zinc Plating - Cam
- Finish: Black Powder Coating.

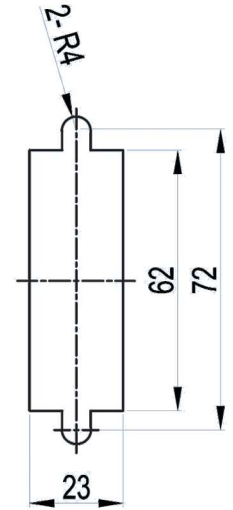
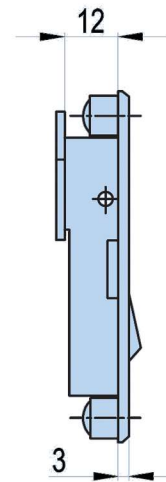
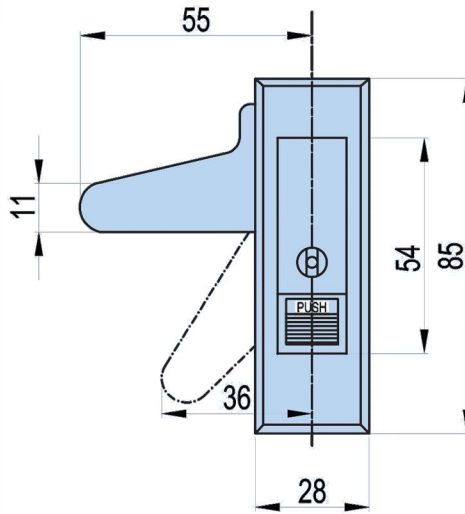


MS - 733 - 3

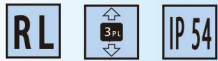


**MS - 603 - 3 - 1R**

- Material: Zinc Die Casting Body, Steel-Cam, Steel-Key.
- Finish: Grey Sprey Painting.

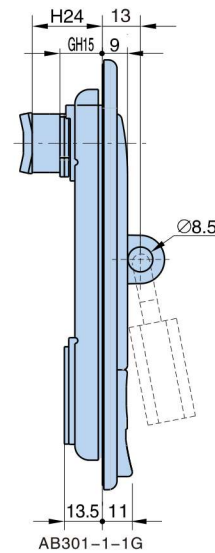
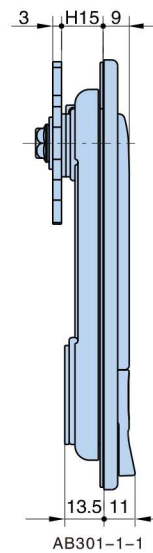
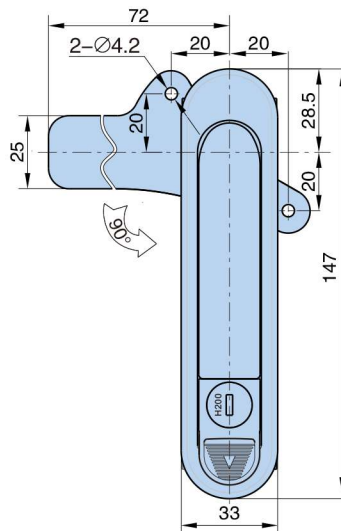


**CUT OUT**

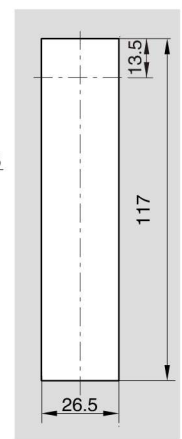


**AB 301 - 1 - 1**

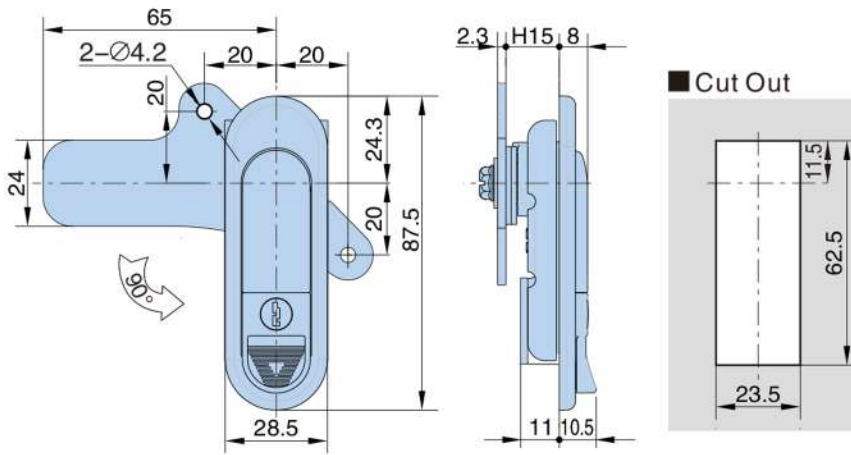
- Material: Zinc die-casting body and shaft, Zinc plating cam, fixing parts
- Panel thickness: 1~4mm
- Remark: AB301-1 cam cutout □10x10 the other item No of cam cutout □8x8



**■ Cut Out**



Product Number				
Gray chrome plating	Grays praypaint	Black powder coated	Weight (g)	Lot
AB 301- 1- 1.2	AB 301- 1- 1.8	AB 301- 1- 1.3	370	50

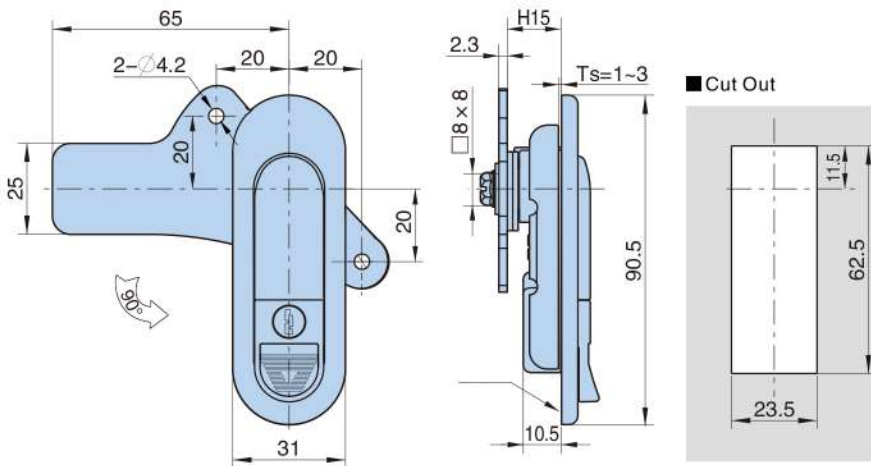


Product Number				
Gray chrome plating	Gray spray paint	Black powder coated	Weight (g)	Lot
AB 301- 3A- 1.2	AB 301- 3A- 1.8	AB 301- 3A- 1.3	215	100



**AB 301 - 3A - 1**

- Material: Zinc die-casting body and shaft, Zinc plating cam, fixing parts
- Panel thickness: 1~4mm
- Remark: AB301-1 cam cutout □10x10 the other item No of cam cutout □8x8



Product no.	Weight	Lot
AB 301- 3B- 1	200.5	100



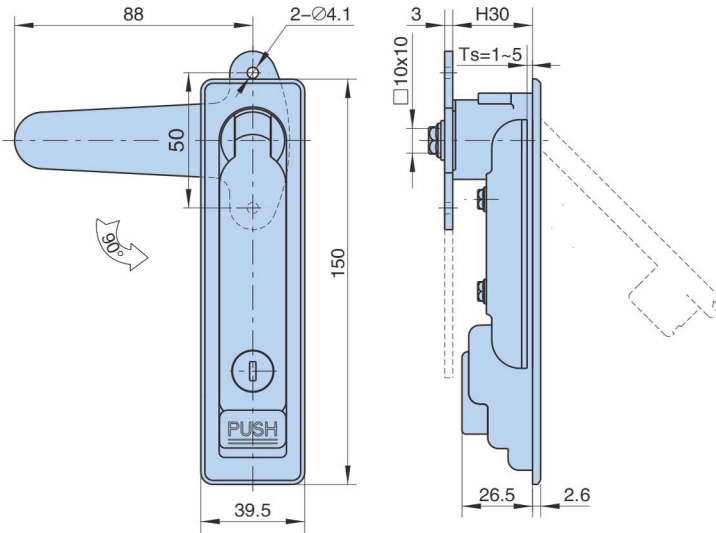
**AB 301 - 3B - 1**

- Material: zinc alloy for the housing, lock back, steel cam assembling plate.
- Finish: gray chrome plating,
- Function: the cam turns 90° to unlock when open the handle up
- Panel thickness: 1~3mm
- Remark: □8 × 8 cut out.

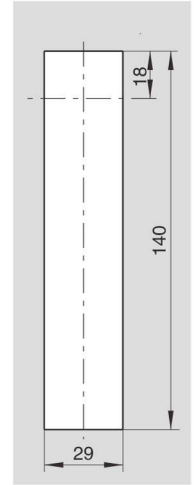


K0200

MS 104C - 1 - 1

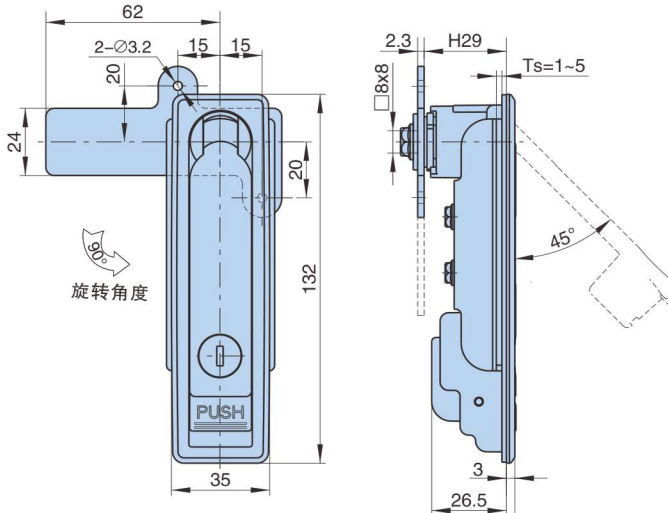


■ Cut Out

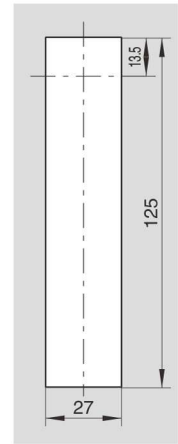


K0200

MS 104C - 2 - 1

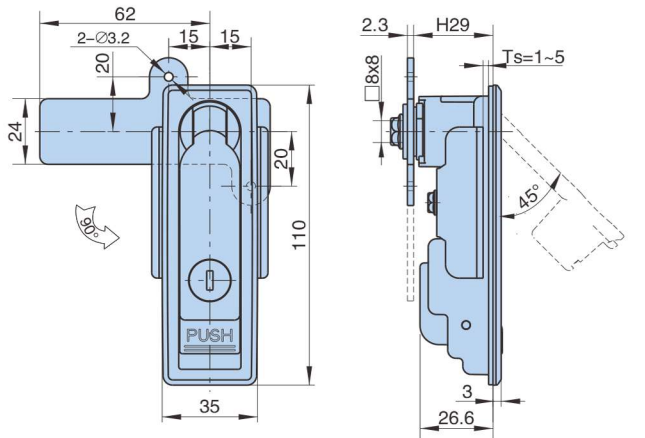


■ Cut Out

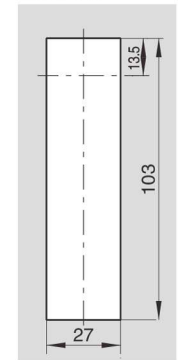


K0200

MS 104C - 3 - 1



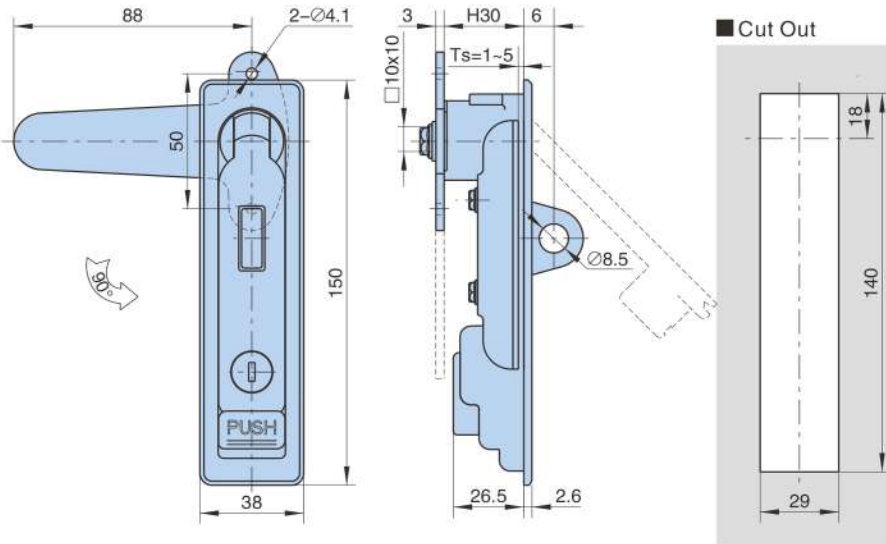
■ Cut Out



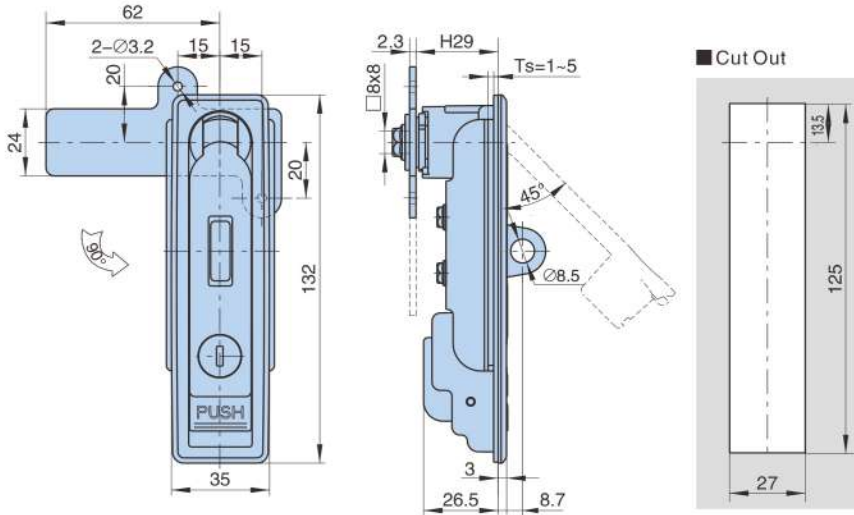
- Material: Zinc die-casting body and shaft, Zinc plating cam
- Panel thickness: 1~5mm fixin parts
- Remark: MS104C-1-1G, cam cutout □10x10 the other item No of cam cutout □8x8
- Finish: Cray chrome plating, Bright chrome plating Black powder coated

Product Number		Weight (g)	Lot
K0600(A)	K0200		
MS 104C - 1 - 1A	MS 104C - 1 - 1	565	40
MS 104C - 2 - 1A	MS 104C - 2 - 1	435	50
MS 104C - 3 - 1A	MS 104C - 3 - 1	372	50

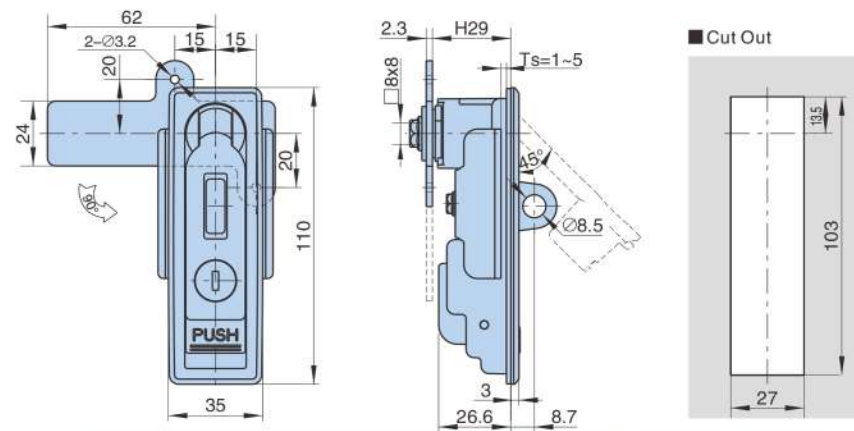




MS 104C - 1 - 1G



MS 104C - 2 - 1G



MS 104C - 3 - 1G

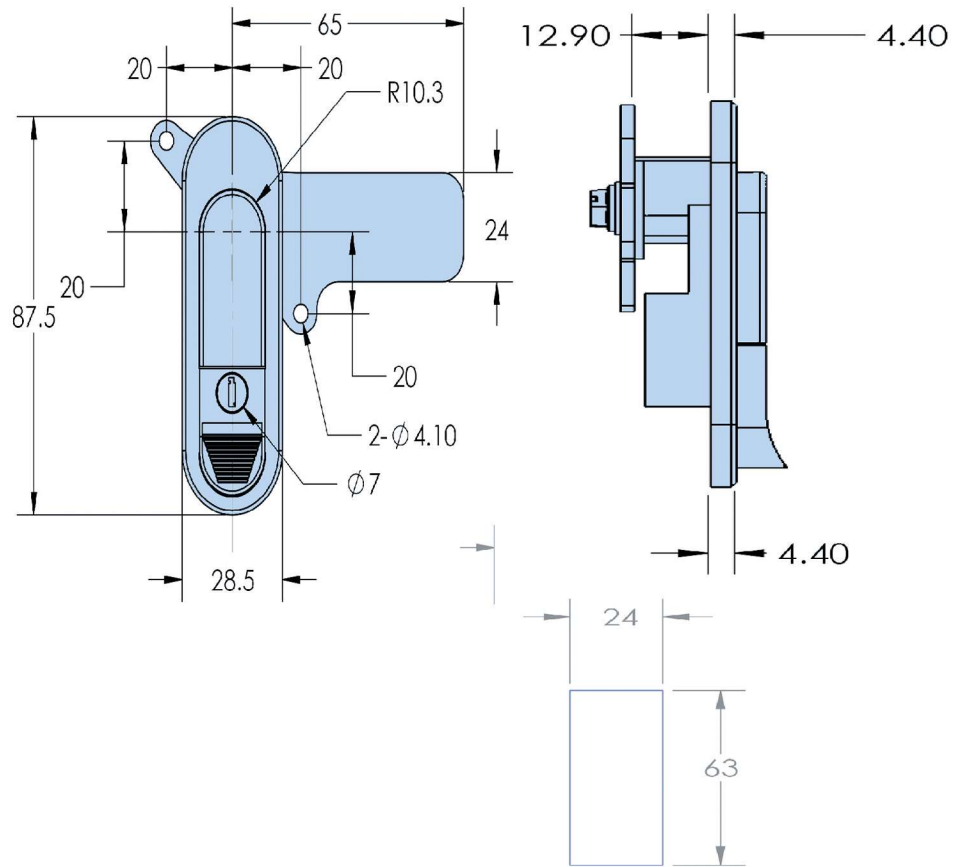
Product Number		Weight (g)	Lot
K0600(A)	K0200		
MS 104C - 1 - 1AG	MS 104C - 1 - 1G	565	40
MS 104C - 2 - 1AG	MS 104C - 2 - 1G	416.7	50
MS 104C - 3 - 1AG	MS 104C - 3 - 1G	359.5	50

- Material: Zinc die-casting body and shaft, Zinc plating cam
- Panel thickness: 1~5mm fixin parts
- Remark: MS104C-1-1G, cam cutout □10x10 the other item No of cam cutout □8x8
- Finish: Cray chrome plating, Bright chrome plating Black powder coated



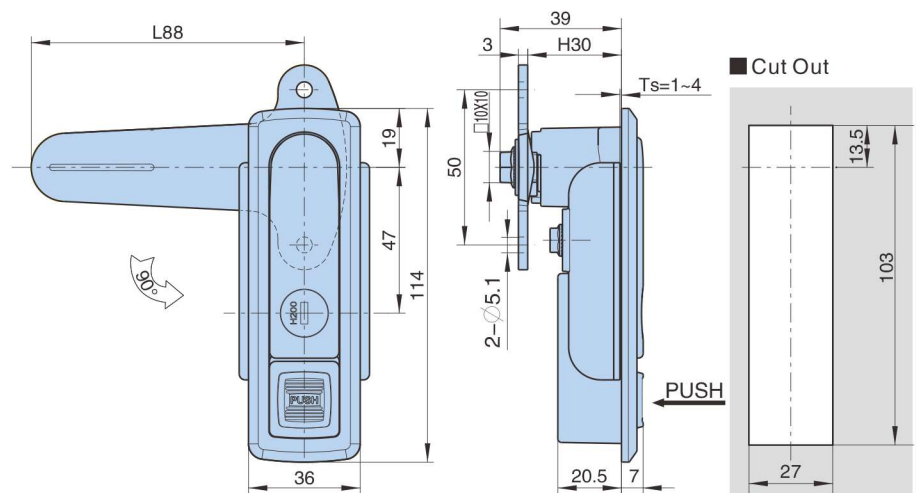
AB - 301 - 3 - 1

- Material: Zinc Die Casting-Body,Shaft, Steel-Cam, Fixing parts Steel Key.
- Finish: Chrome Plating

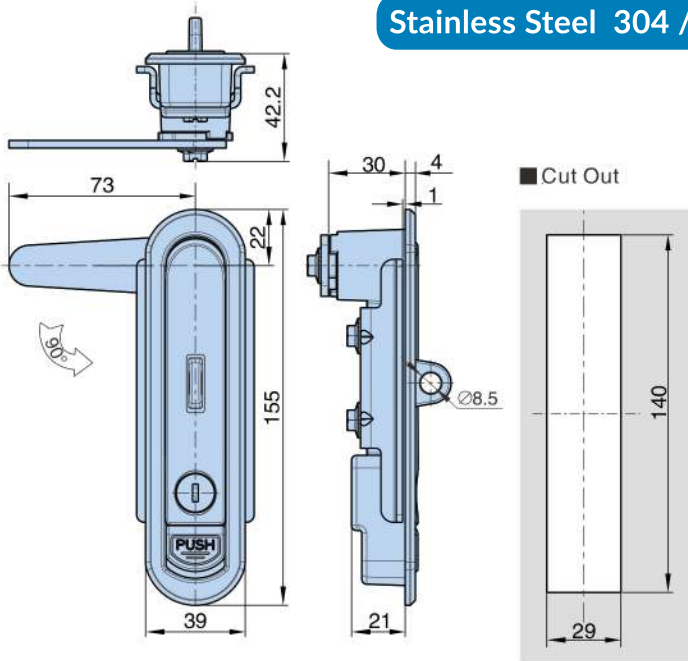


MS6022Z - 3 - 1

- Material: zinc alloy for the housing, lock back ,steel cam assembling plate.
- Finsh: gray chrome plating, matt back
- Fuction: the cam turns 90~ to unlock when open the handle up
- Panel thickness: 1~4mm
- Remark: □10×10 cut out.



**Stainless Steel 304 / 316**



Product no.	Characteristic description	Weight (g)	Lot
MS6023S-1-1	w/opadlock	576.5	40
MS6023S-1-1G	with padlock	585.5	40



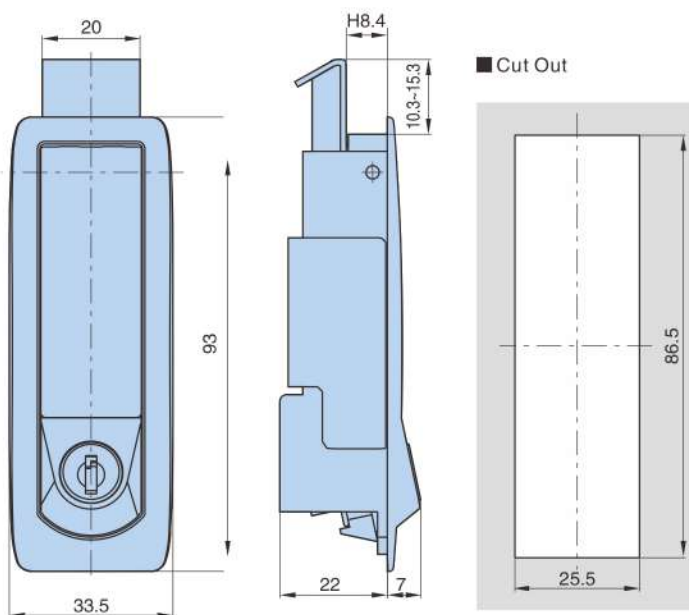
**NEW**



**MS6023S**

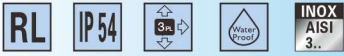
- Material: Stainless steel
- Finish: Mirro polishing/Brushed
- Panel thickness: 1~5mm
- Remark: Cam Cutout 8 x 8

**Snap on Latch**



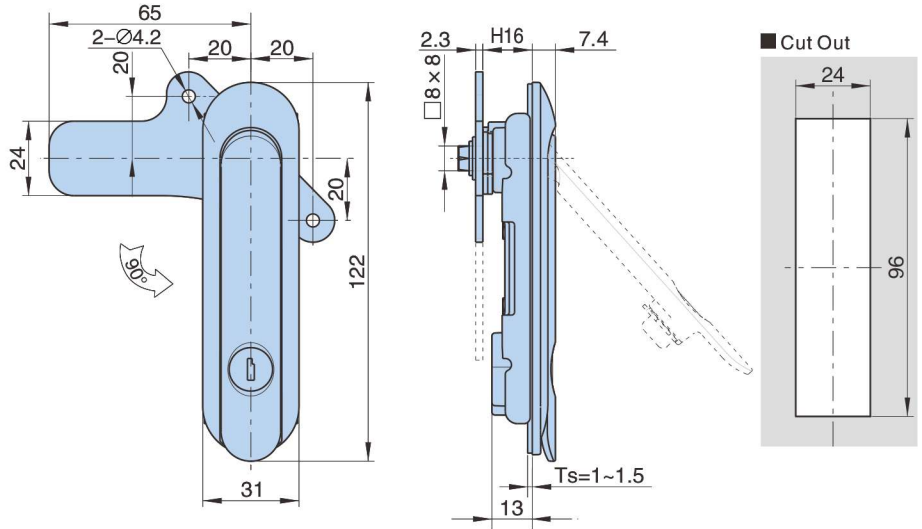
**MS 612 - 1 - 1**

- Material : zinc alloy body , steel tone and mounting plate
- Finish :matt black
- Pmel thickness:1~2mm

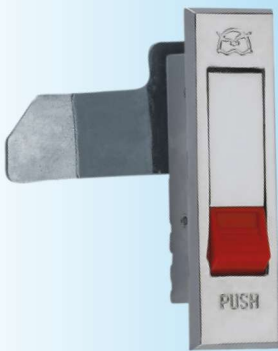


MS 6020S

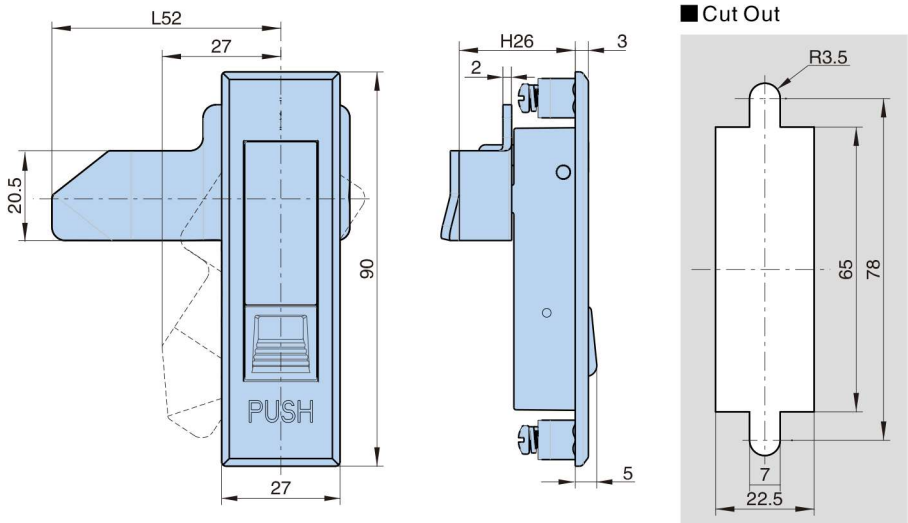
Stainless Steel 304 / 316



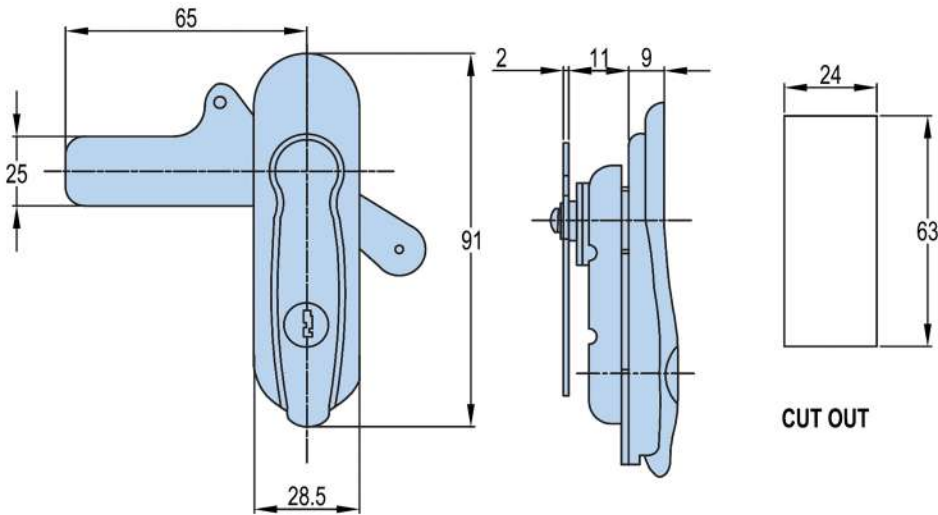
- Material: Stainless steel
- Finish: Mirro polishing/Brushed
- Panel thickness: 1~5mm
- Remark: Cam Cutout □8 × 8



MS 503 - 1 - 2A

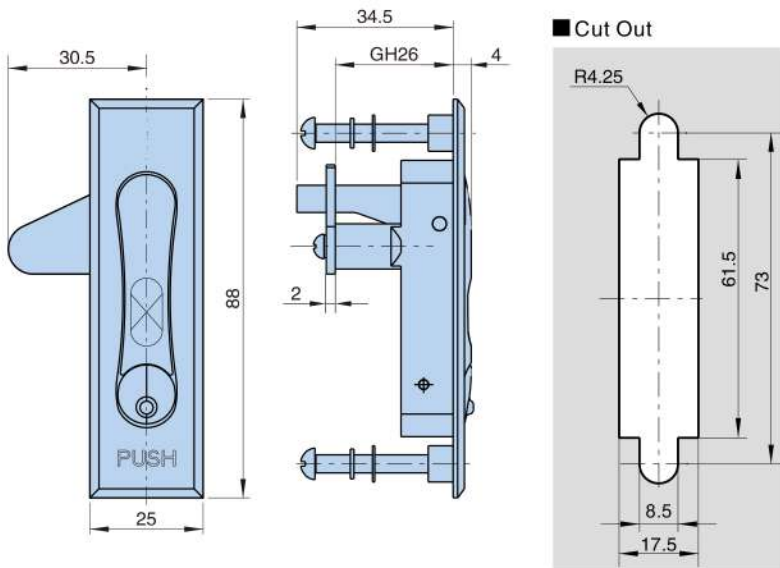


- Material: Zinc die- casting body, Zinc plating cam, fixing parts
- Finish: Bright chrome plating
- Panel thickness: 1~4mm
- Remark: Left cam and right cam are available



**AB 402 - 3 - 1**

- Material: Zinc Die Casting Body, Steel - Cam.
- Finish: Grey Chrome Plating.



**MS 510 - 1 - 2B**

- Material: ABS lock body, galvanized plate, lock plate
- Finish: Gray spray paint
- Panel thickness: 1~20mm
- Remark: Left cam and right cam are available

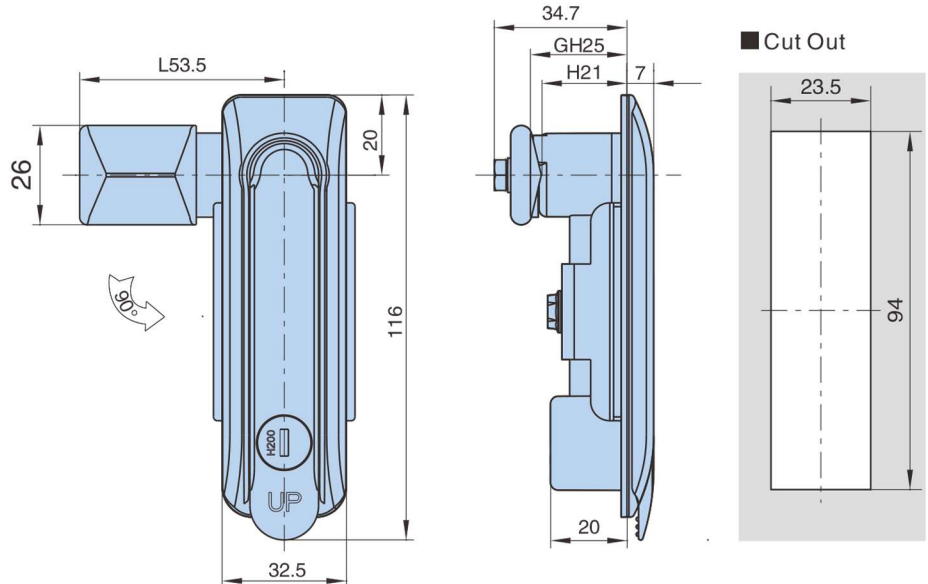
Product no.	Weight (g)	Lot
MS 510- 1- 2B	36	500



K0200

### MS 6017Z - 1 - 1

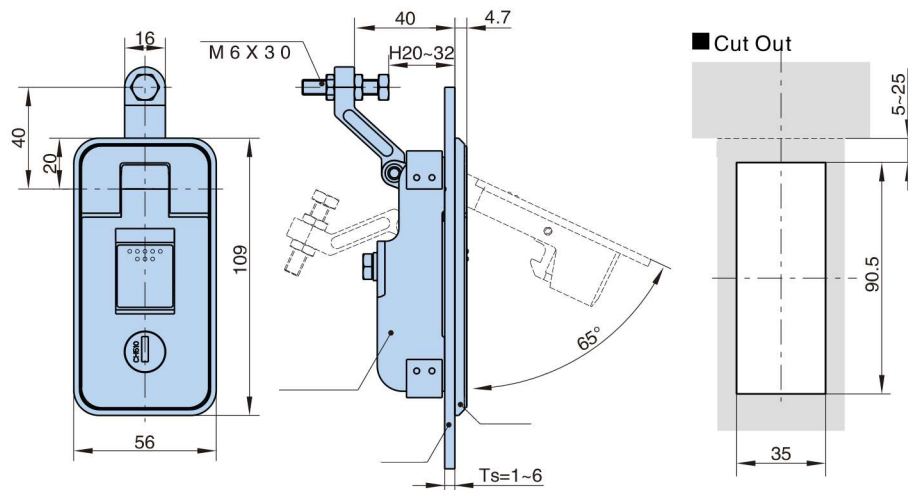
- Material: Zinc die-casting body A3 cam assembling plate
- Finish: Spray milky white honing Black powder coated handle Blue-white zinc plating cam assembling plate.
- panel thickness: 1~4mm
- Structure: Quick turn, convenient and efficient assembly reach different rabbet range by adjust nut



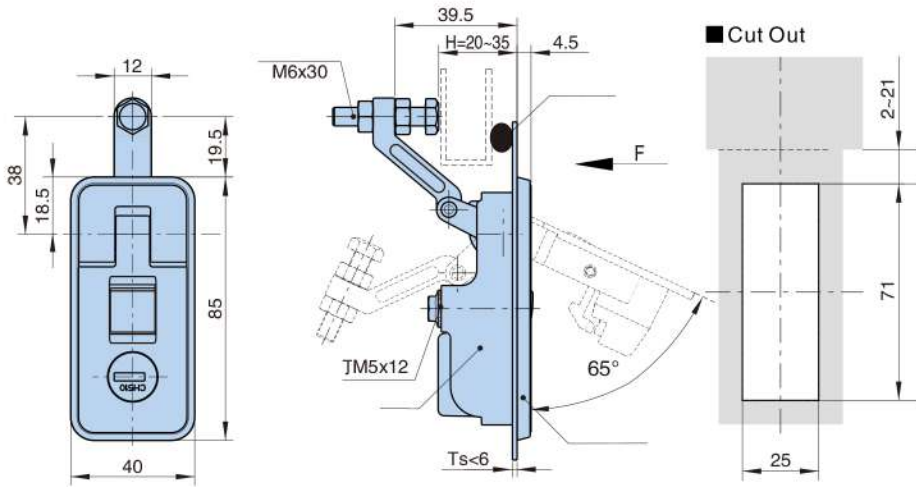
CH510

### MS 6018Z - 1 - 1

- Material: zinc alloy for the housing, handle, button and top lever, A3 for the mounting plate.
- Finish: bright chrome or sand grain black.
- Function: quick unlocking, easy installing, with auto scaling, adjust the screw to enable the hinge to the whole range of seam allowance.
- Panel thickness: 1-6mm.



Product no.	Weight (g)	Lot
MS 6018Z- 1 - 1	537.5	40

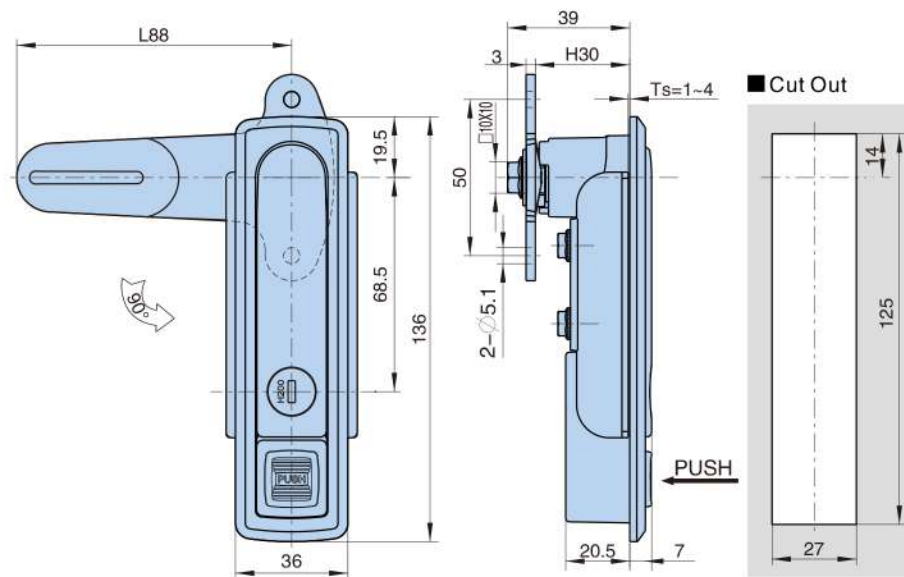


Product no.	Insert	Weight (g)	Lot
MS 6018Z- 2- 1	CH510	290	100
MS 6018Z- 2- 1A	CH751	289.5	100



**MS 6018Z - 2 - 1**

- Material: zinc alloy for the housing, handle, button and top lever, A3 for the mounting plate.
- Finish: bright chrome or sand grain black.
- Function: quick unlocking, easy installing, with auto scaling, adjust the screw to enable the hinge to the whole range of seam allowance.
- Panel thickness: 1~6mm.



Product no.	Weight(g)	Lot
MS 6022Z- 2- 1	525	50

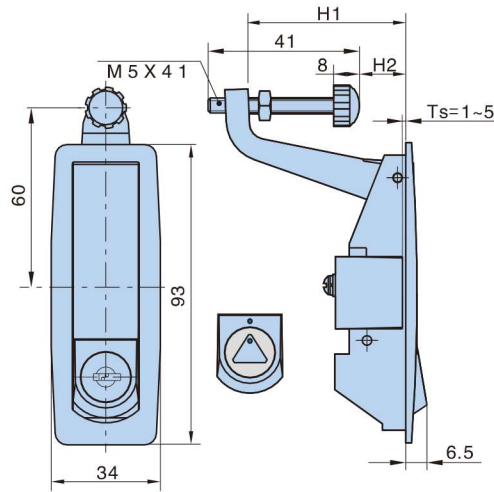


**MS 6022Z - 2 - 1**

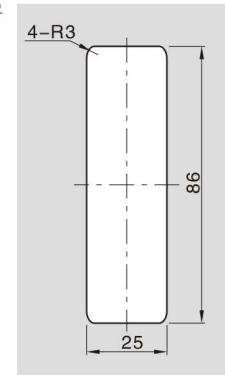
- Material: zinc alloy for the housing, lock back, steel cam assembling plate.
- Finish: gray chrome plating, matt black
- Function: the cam turns 90° to unlock when open the handle up
- Panel thickness: 1~4mm
- Remark: 10 × 10 cut out.



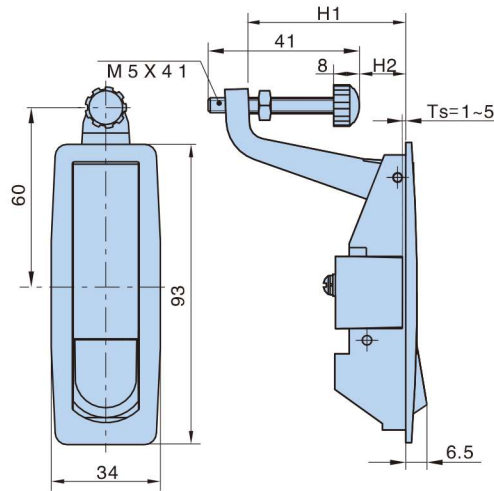
MS 606 - 1 - 1



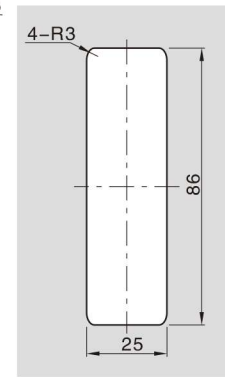
■ Cut Out



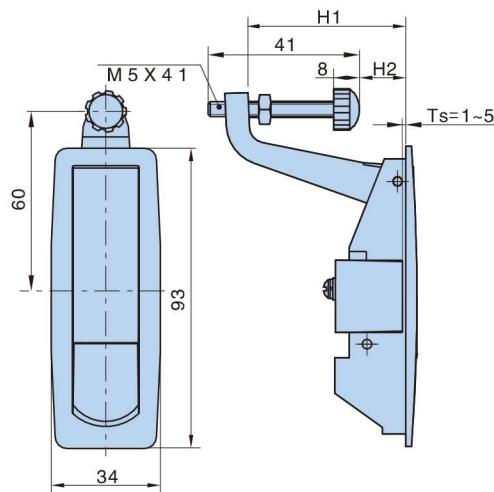
MS 606 - 1 - 2



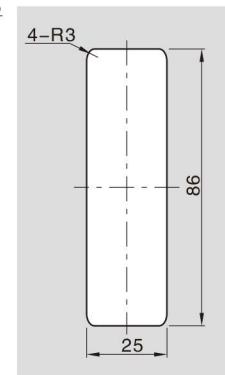
■ Cut Out



MS 606 - 1 - 2P



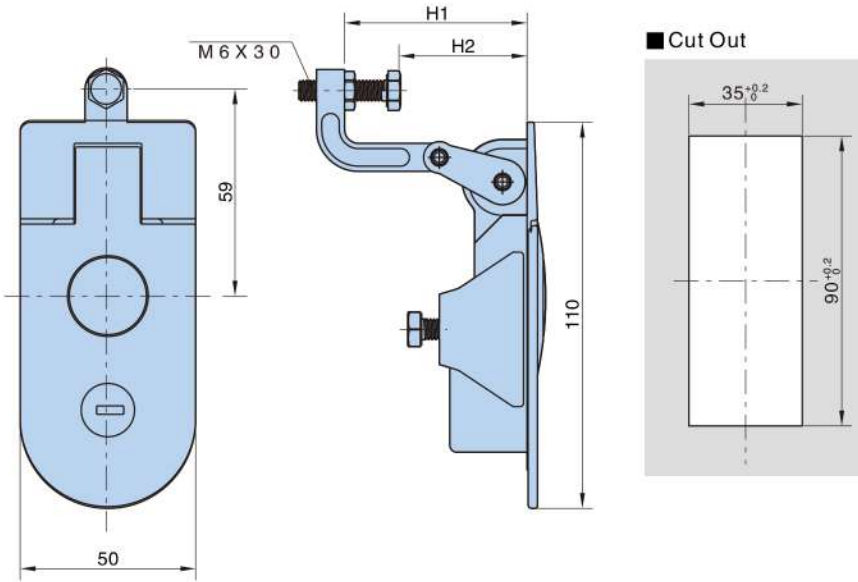
■ Cut Out



- Material: Zinc die-casting body, Zinc plating cam, fixing parts
- Finish: Bright chrome plating  
Black powder coated
- Panel thickness: 1~5mm

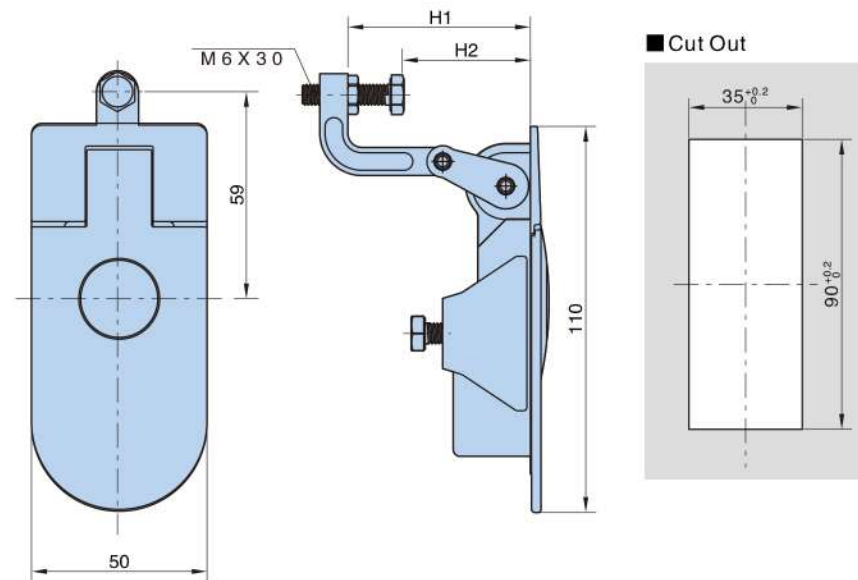
Dimensions				Product Number											
H1	H2	handle types	K332	K333(A)	Weight (g)	Lot	no locking, flush trigger	Weight (g)	Lot	no locking raised trigger	Weight (g)	Lot	no locking raised trigger	Weight (g)	Lot
48.5	14~37	Long arm	MS 606 - 1 - 1	MS 606 - 1 - 1A	220	100	MS 606 - 1 - 2P	210	100	MS 606 - 1 - 2	215	100	MS 606 - 1 - 3	215	100
27.5	0~16	Short arm	MS 606 - 2 - 1	MS 606 - 2 - 1A	215	100	MS 606 - 2 - 2P	205	100	MS 606 - 2 - 2	210	100	MS 606 - 2 - 3	210	100





CH751

MS609 - 1 - 1



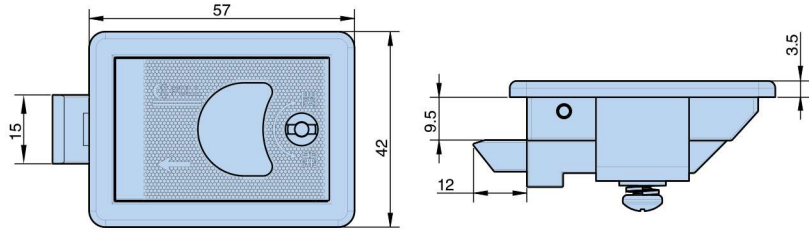
MS609 - 1 - 2

- Material: Zinc die-casting
- Finish: Black powder coated
- Panel thickness: 1~5mm

Dimensions		Product Number					
H1	H2	With key	Weight (g)	Lot	w/o key	Weight (g)	Lot
21	0- 15	MS 609- 1- 1	357	50	MS 609- 1- 2	350	50
52	30- 45	MS 609- 1A- 1	357	50	MS 609- 1A- 2	350	50
67	45- 60	MS 609- 1B- 1	357	50	MS 609- 1B- 2	350	50
35	15- 30	MS 609- 1D- 1	357	50	MS 609- 1D- 2	350	50



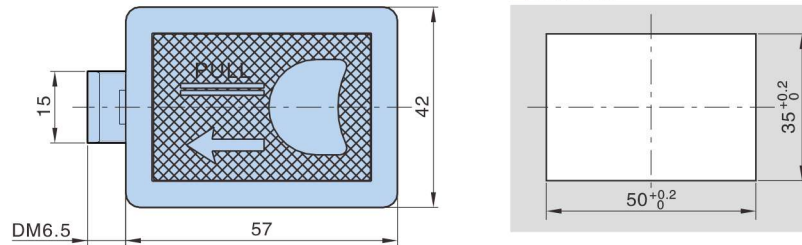
MS 731 - 1 - 1



MS731-1-1



MS 731 - 1 - 2



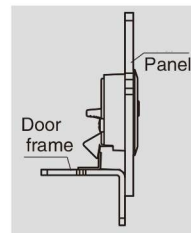
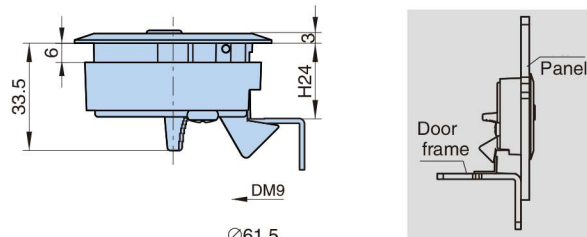
MS731-1-2

- Material: Zinc die-casting body  
Zinc plating cam, fixing parts
- Finish :Bright chrome plating
- Panel thickness: 1~5mm

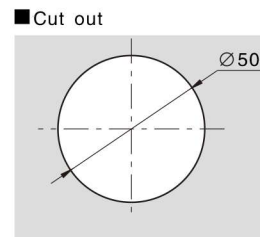
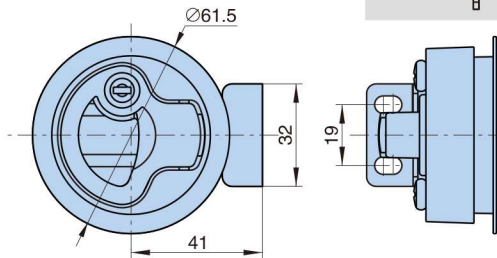
Product Number		Weight (g)	Lot
With key	MS 731 - 1 - 1	150.5	200
w/o key	MS 731 - 1 - 2	134.5	200



MS 739 - 2

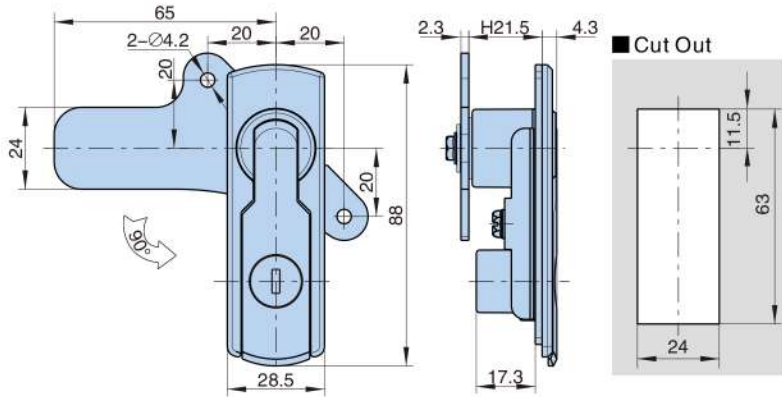


MS 739 - 2 - 2



- Material: Zinc die-casting housing,  
Bracket and handle, PA6 insert
- Finish: bright chrome plated
- Panel thickness: 1~6mm

Product no.	Weight (g)	Lot
MS 739 - 2	209.5	100
MS 739 - 2 - 2	210	100



Product no.	Weight (g)	Lot
MS 751- 3- 1	154	50

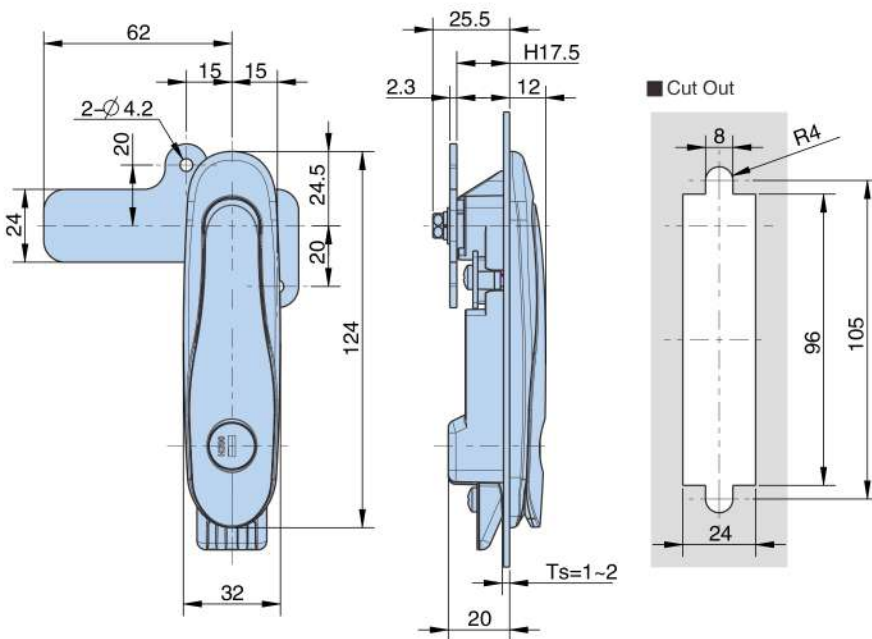


K0200

**MS 751 - 3 - 1**

- Material: Zinc die- casting body and shaft, Zinc plating cam, fixing parts
- Finish: Gray chrome plating Black powder coated
- Panel thickness: 1~6mm
- Remark: cam cutout □8x8

**Polymide Handle**



K0200

**MS 6024P**

- Material: PA housing, zinc alloy shaft and cylinder, steel cam
- Finishing: Textured black powder coated For Panel Thickness: 1~2mm
- Function: No need to detech the screws easy for assemble
- Remark: Cam cutout 8x8



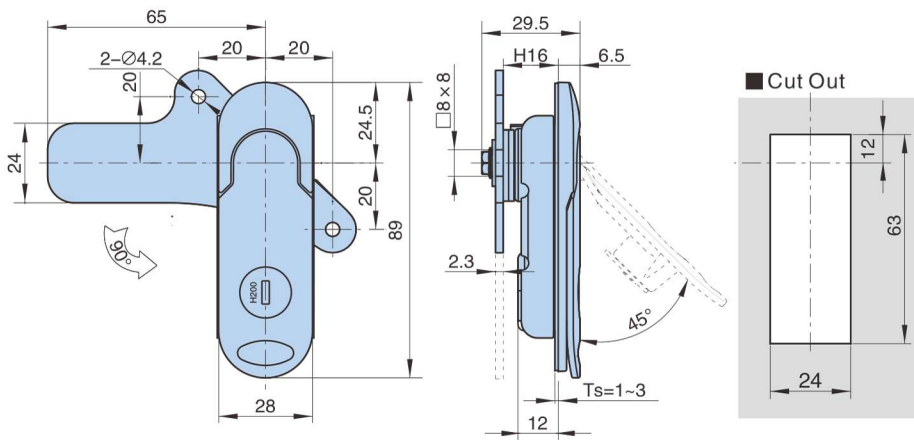
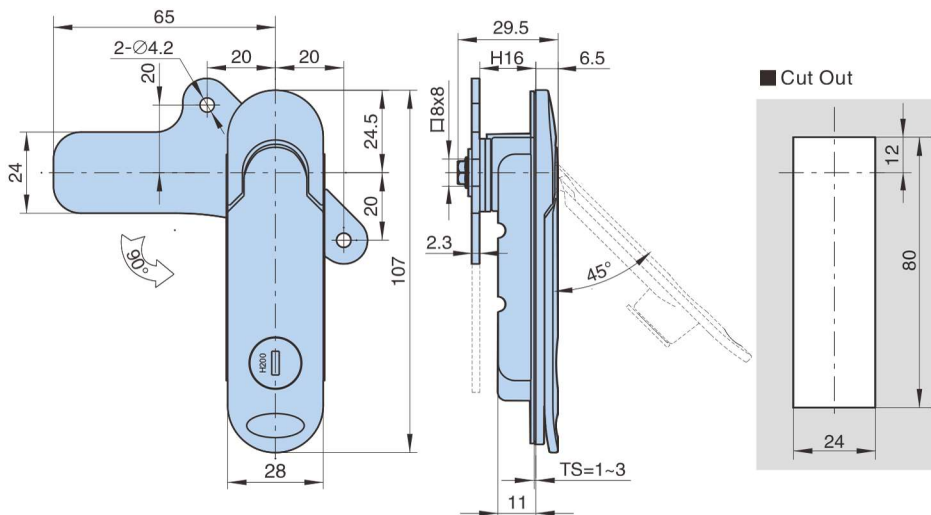
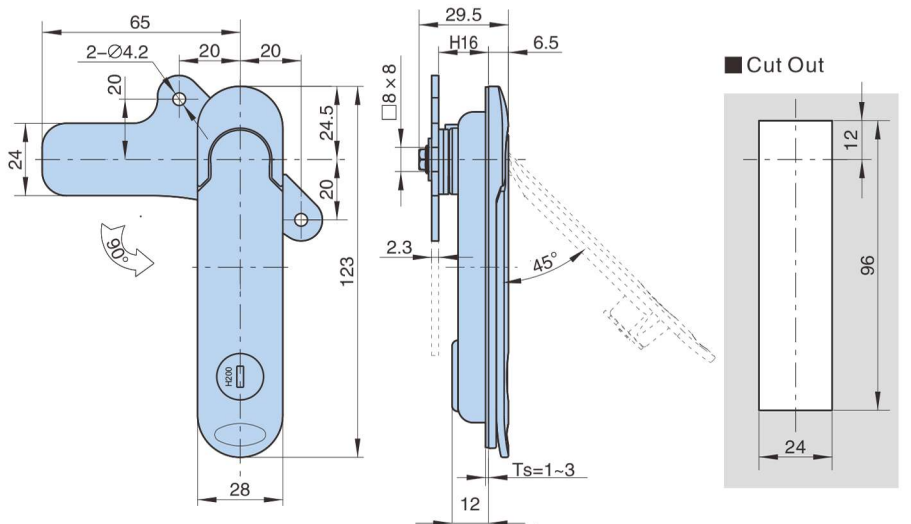
AB2016Z - 1 -1



AB2016Z - 2 -1

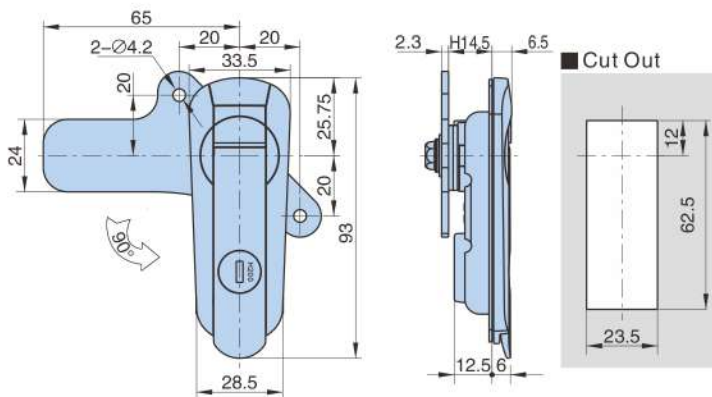
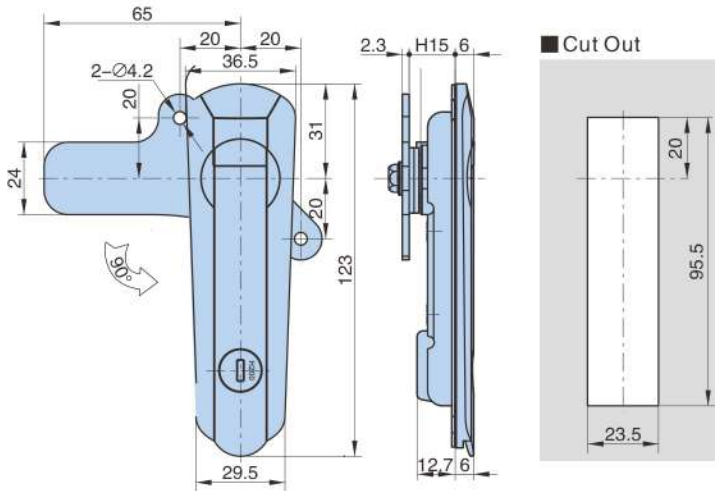
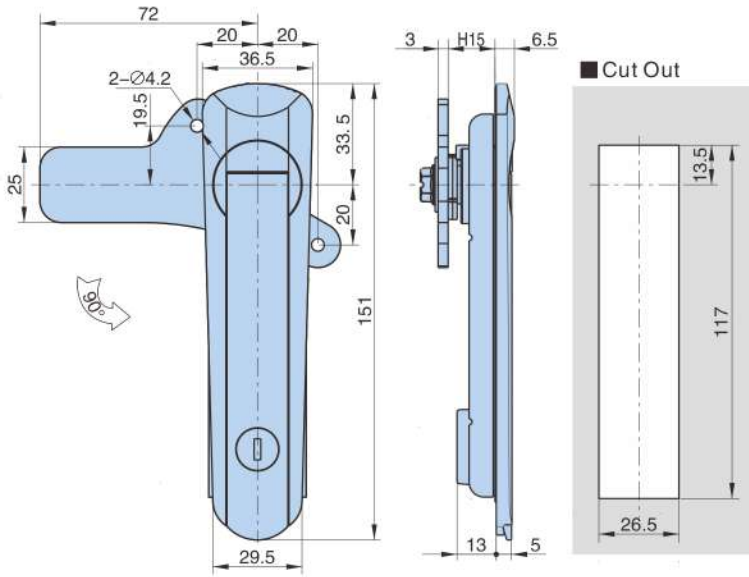


AB2016Z - 3 -1



- Material: zinc alloy for the housing, lock back, A3 cam assembling plate.
- Finish: gray chrome plating.
- Function: the cam turns 90° to unlock when open the handle up.
- Panel thickness: 1-3mm.
- Remark: □8X8 cut out

Product Number		Weight (g)	Lot
with key	AB2016Z-1-1	265.5	100
	AB2016Z-2-1	230.3	100
w/o key	AB2016Z-2-2	217	100
with key	AB2016Z-3-1	210	100



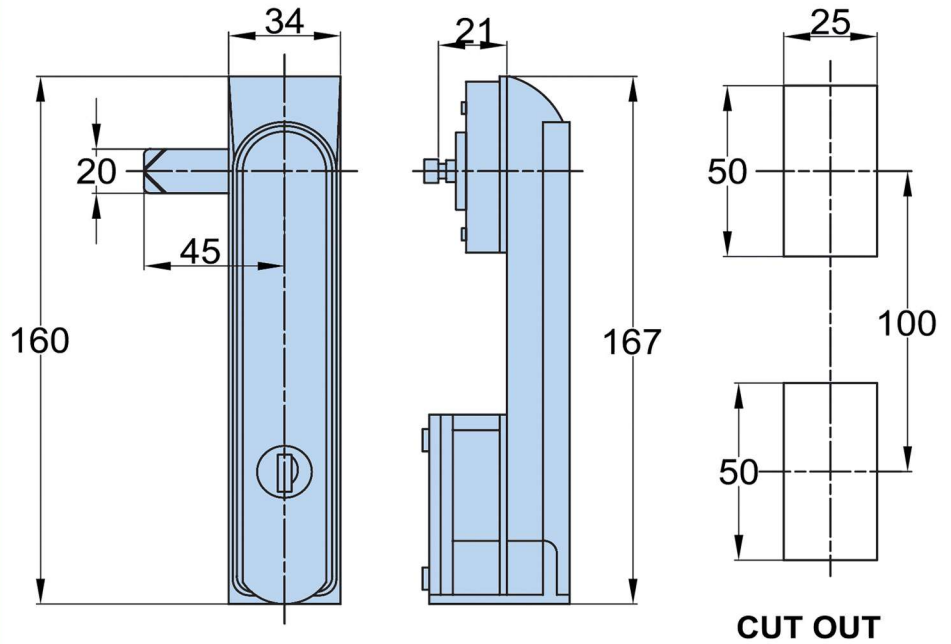
Product Number						
Gray chrome plating	With key	Weight (g)	Lot	w/o key	Weight (g)	Lot
	AB401-1-1.2	340	50	AB401-1-2.2	328	50
	AB401-2-1.2	275	100	AB401-2-2.2	253	100
	AB401-3-1.2	205	100	AB401-3-2.2	193	100



- Material: Zinc die-casting body and shaft, Zinc plating cam, fixing parts
- Panel thickness: 1~4mm
- Remark: AB401-1 cam cutout □10x10 the other item No of cam cutout □8x8



MS 100 - 3R

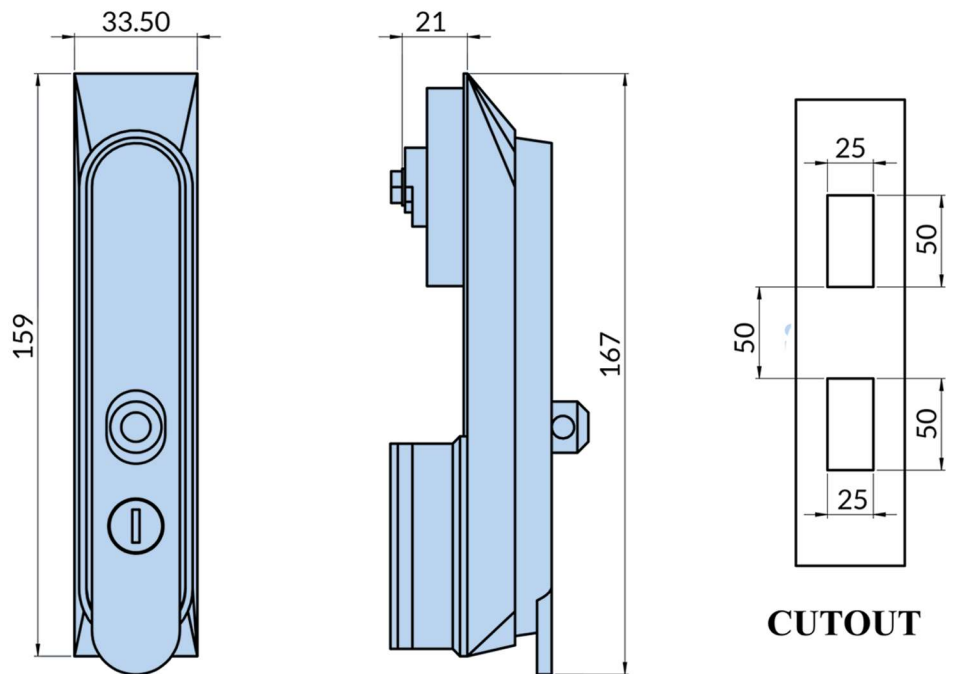


Diffrent Key Combination Available on request

- Material: Polymide Body, Steel-Cam

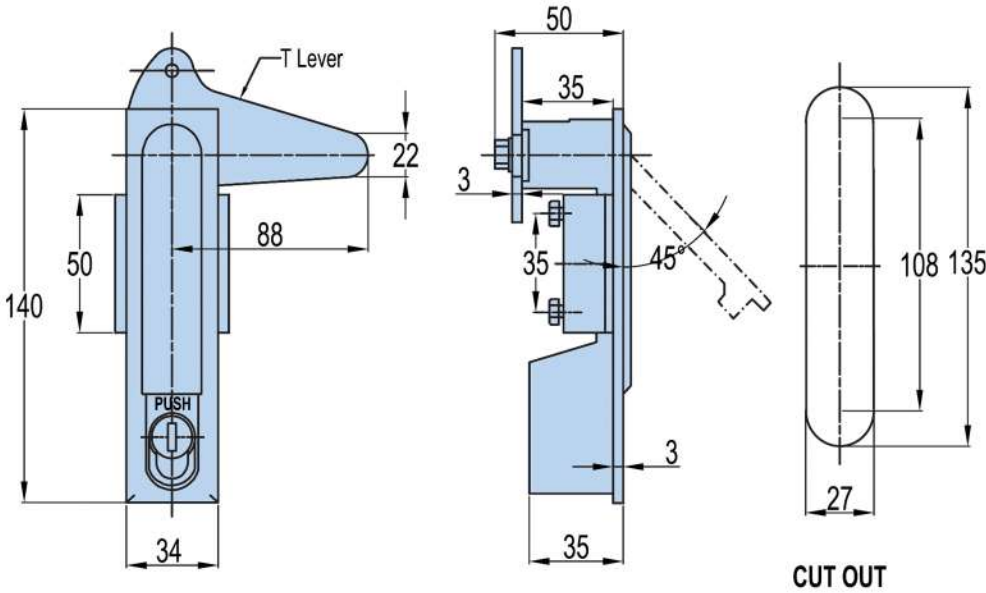


MS 100 - 3 RP



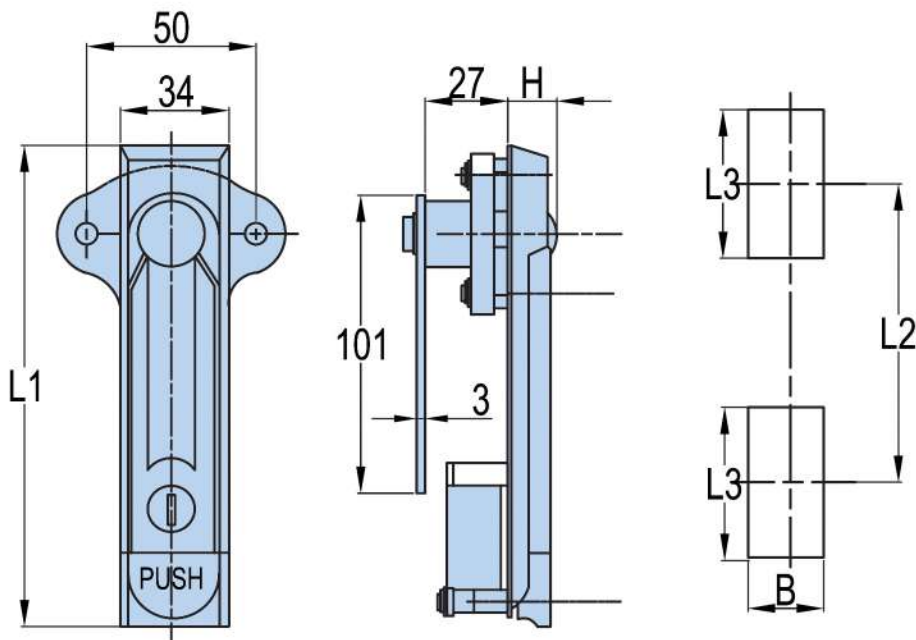
CUTOUT

- Material: Polymide Body, Steel-Cam



**MS 480 - 2 - 1**

- Material: Zinc Die Casting-Body & Shaft, Zinc Plating-Cam
- Finish: Chrome Plating/Black Powder Coated



IP 65



**MS 743 - 1 - 1**

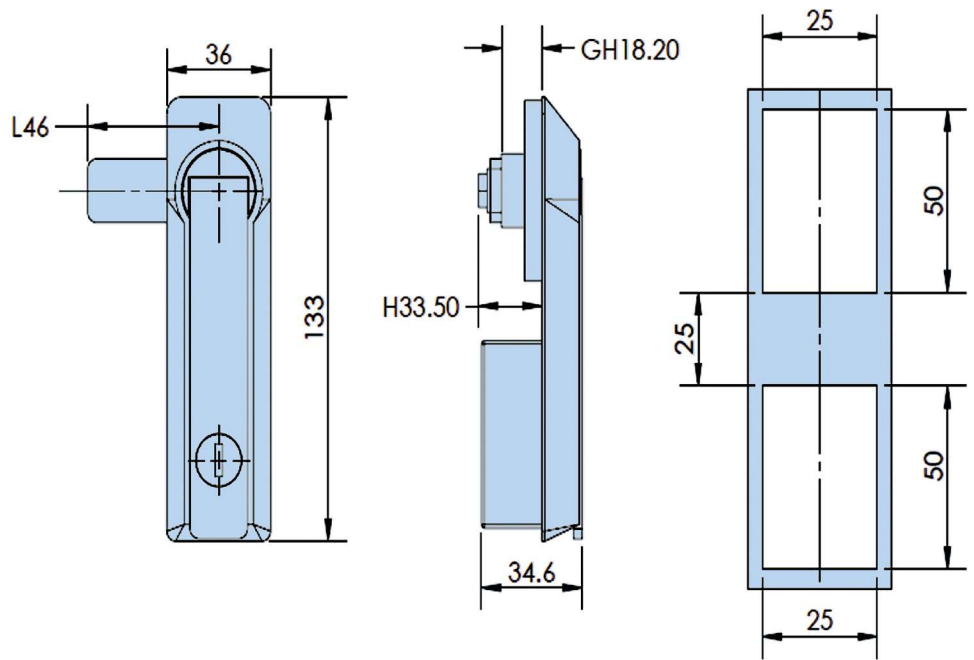
PART NO	L1	L2	L3	B	H
MS 743-1-1	162	100	50	25	16
MS 743-2-1	136	74	50	25	18

- Material: Zinc Die Casting-Body, Zinc Plating Cam
- Finish: Black Powder Coating

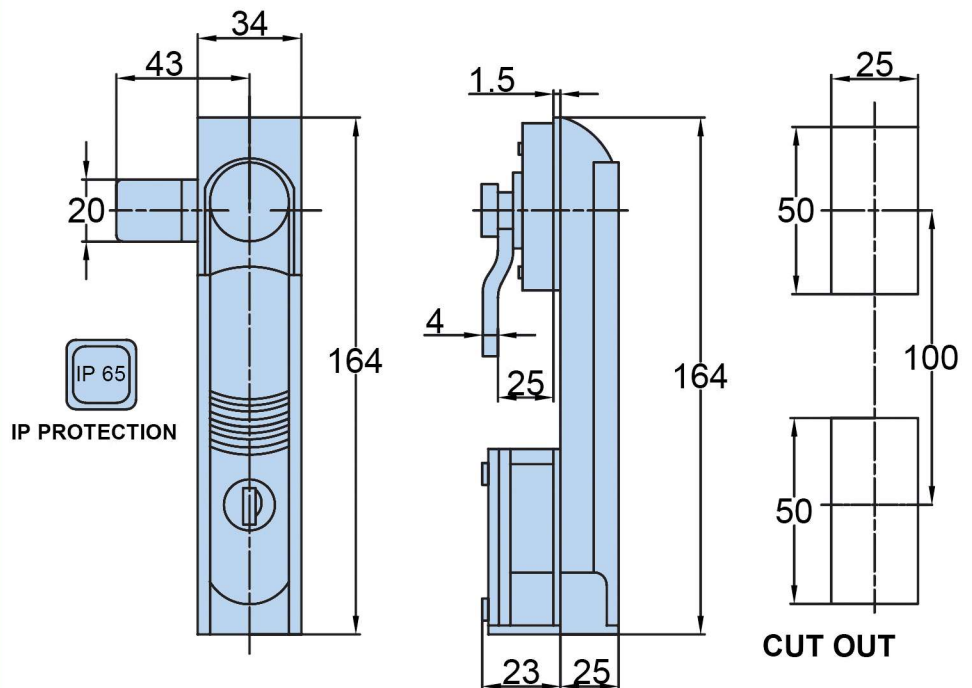


MS 463 - 2 - 1

- Material: Zinc Die Casting Body
- Finish: Grey Chrome Plating or Black Powder Coating.



MS 824 - 2 - 1



Diffrent Key Combination Available on request





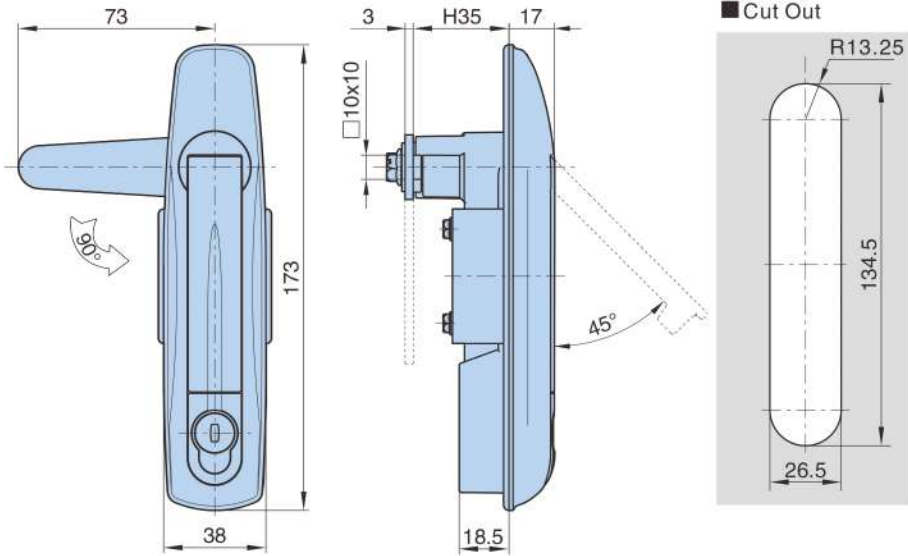
MS 4090

- Material: Die Casting, Steel-Cam, Bracket
- Finish: Black Powder Coated

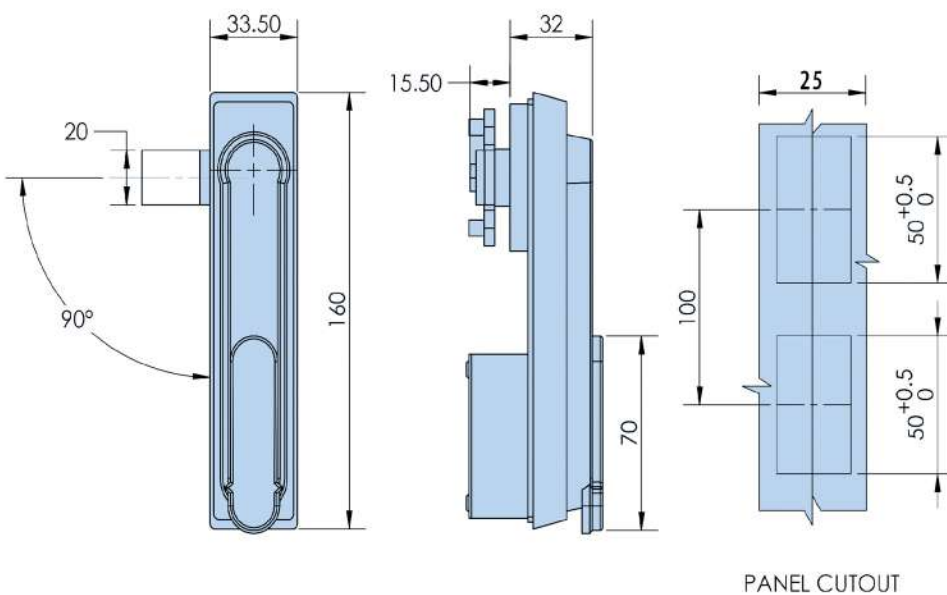


MS 100 - 3SS R

- Material: Stainless Steel 316

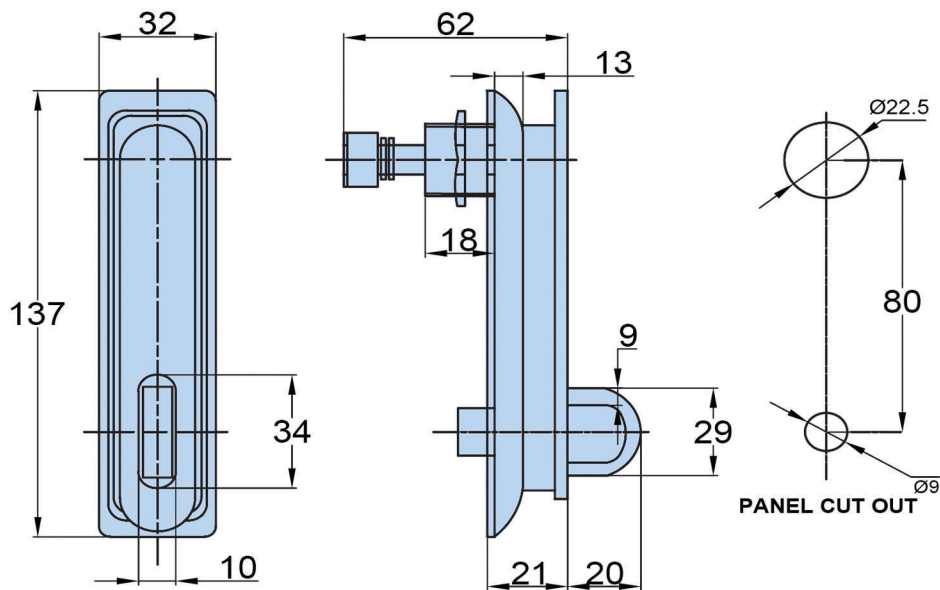


Available in Stainless Steel 304 / 316





Available in Stainless Steel 304 / 316

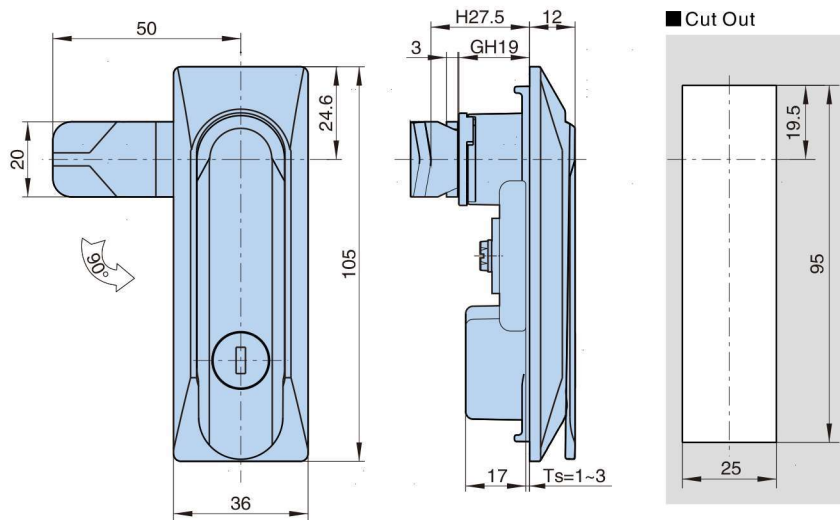


MS 100 - 3 SS

● Material: Stainless Steel 304/316



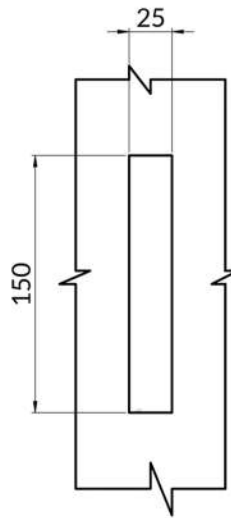
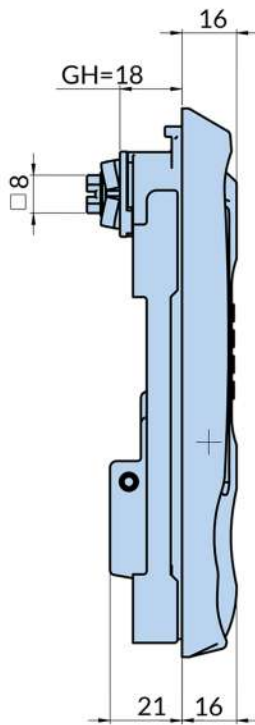
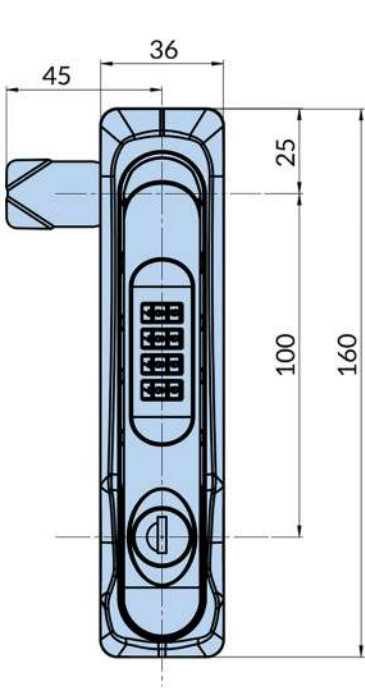
K0540



MS 826 - 3 - 1

● Material: Zinc Die Casting  
● Finish: Chrome Plating

Product no.	Weight (g)	Lot
MS 826- 3- 1	160	100



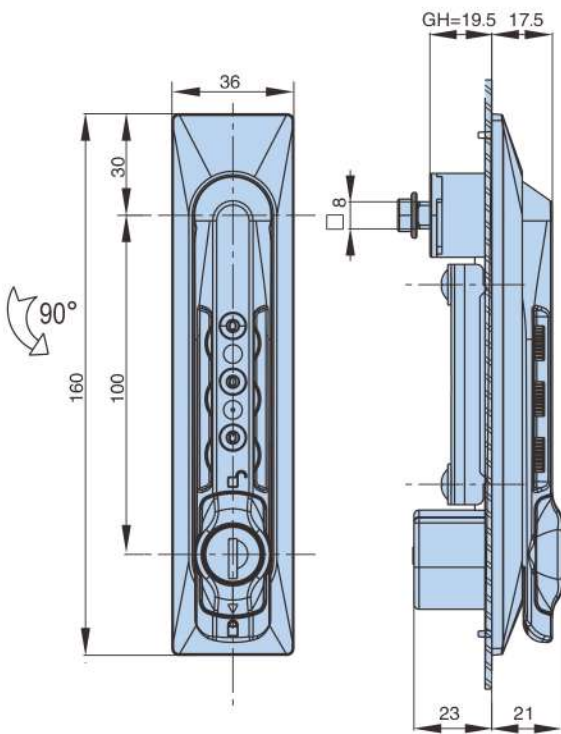
Panel Cutout

NEW

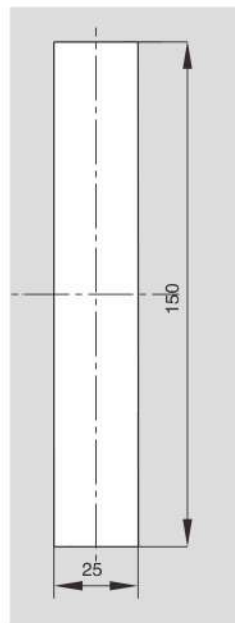


MS 1208- 101 - 20

● Material: Black PA Body, Zinc Die Handle, Shaft & M.S Zinc Plated Fixing Parts



■ Cut Out



RL 3m IP54



K333

MS 837 - 1 - 1

● Material: PA back, housing, Zinc plating cam, fixing parts  
● Finish : Matt black  
● Panel thickness: 1~5mm  
● Remark: cam cutout 8 x 8

Product no.	Weight (g)	Lot
MS837-1-1	269	50



MS480-2-1



MS480-2-1Y



MS480-2B-1Y

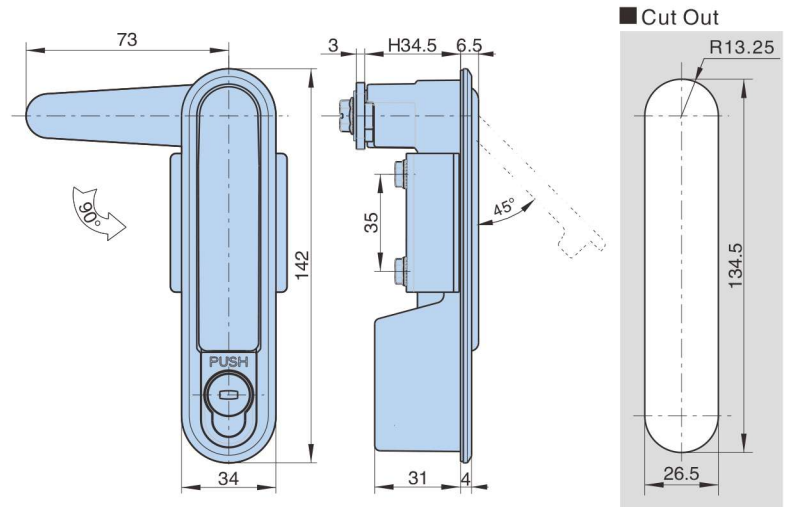
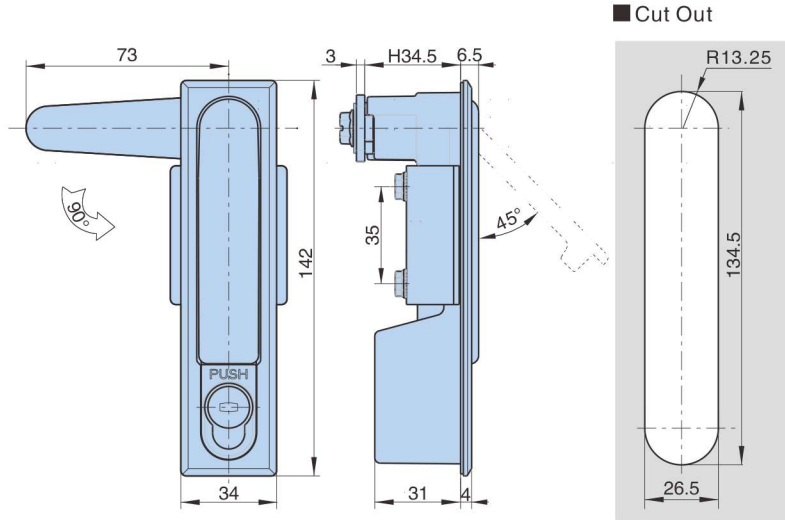


MS480-2B-1

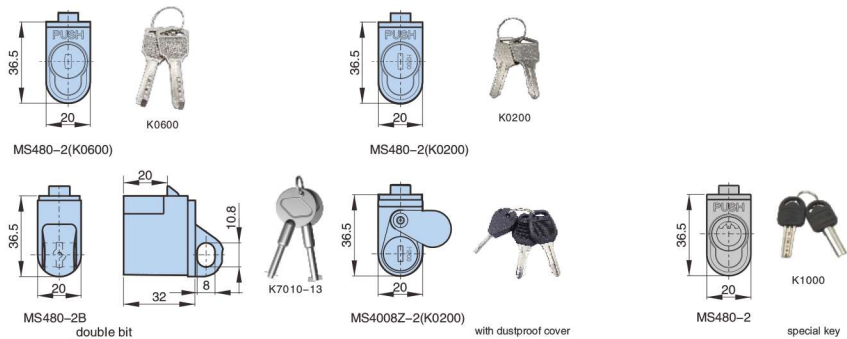


MS480-2C-1

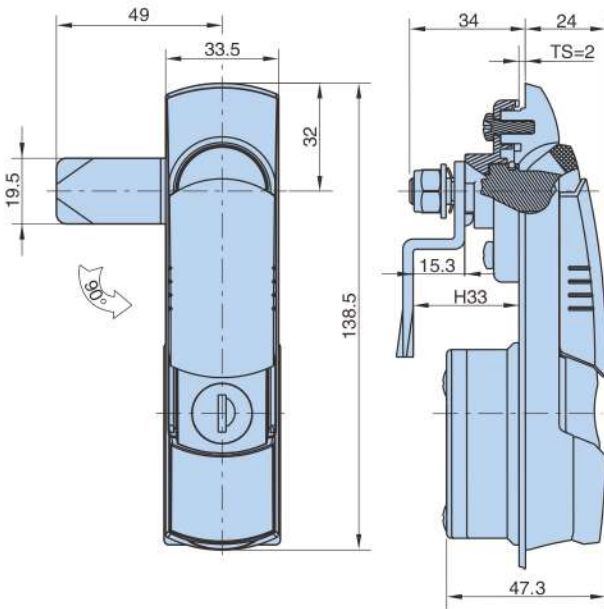
- Material: Zinc die-casting body and shaft, Zinc plating cam
- Finish: Black powder coated
- Panel thickness: 1~10mm
- Remark: cam cutout  $\square 10 \times 10$



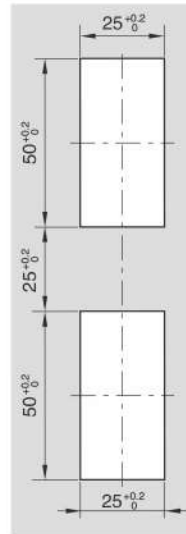
Cylinder types



Finish	Insert	Product Number												
		Zinc die- casting housing						Aluminium housing						
		Square type		Weight (g)	Lot	Round type		Weight (g)	Lot	Square type		Weight (g)	Lot	
Gray chrome plating	K0600	MS 480- 2- 1.2	472	50	MS 480- 2- 1Y.2	460	50							
	K0200	MS 480- 2- 2.2	468	50	MS 480- 2- 2Y.2	457	50							
	MS480-2B	MS 480- 2B- 1.2	600	50	MS 480- 2B- 1Y.2	600	50							
	MS4008Z-2(K0200)	MS 480- 2C- 1.2	600	50	MS 480- 2C- 1Y.2	600	50							
Black powder coated	K0600	MS 480- 2- 1	472	50	MS 480- 2- 1Y	460	50					MS 480- 2A- 1Y	348	50
	K0200	MS 480- 2- 2	468	50	MS 480- 2- 2Y	457	50	MS480-2A-1	308	50		MS 480- 2A- 2Y	358	50
	MS480-2B	MS 480- 2B- 1	600	50	MS 480- 2B- 1Y	600	50	MS480-2A-2	310	50				
	MS4008Z-2(K0200)	MS 480- 2C- 1	600	50	MS 480- 2C- 1Y	600	50	MS480-2AC-1	310	50		MS 480- 2AC- 1Y	358	50



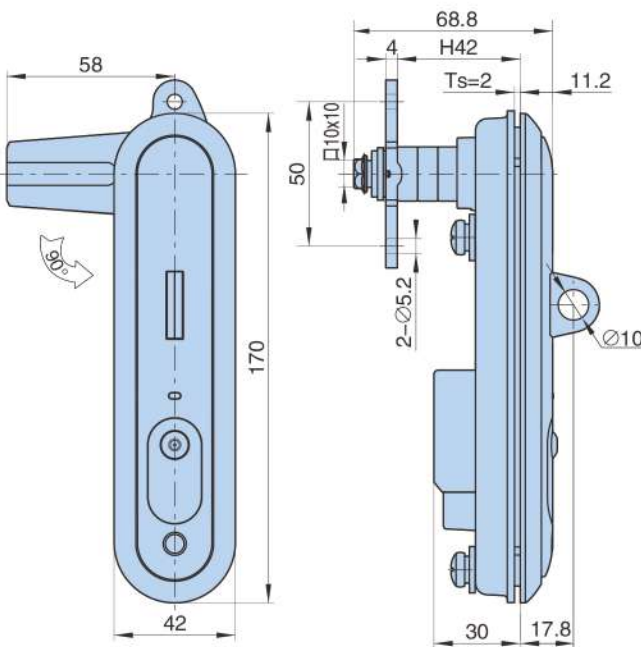
■ Cut Out



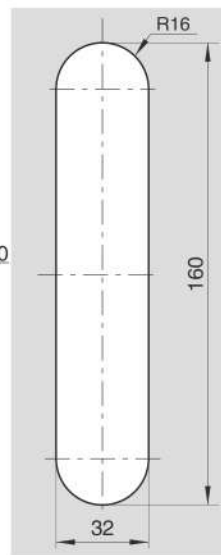
K333

**MS 836 - 1 - 1**

- Material: PA lock body, Zinc plating cam
- Finish :Matt black
- Panel thickness: 1~2mm
- Remark: K333, cam cutout  $\square 8 \times 8$



■ Cut out



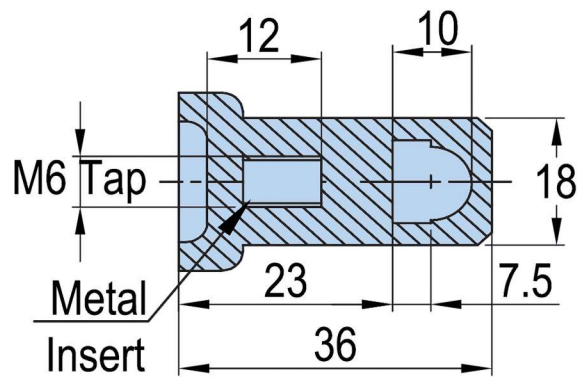
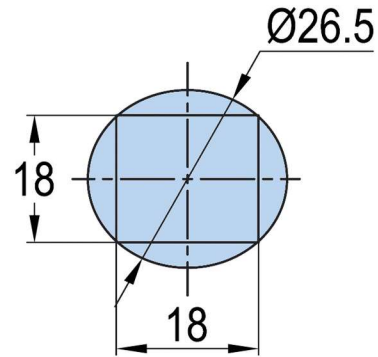
**MS 8013Z - 1 - 1**

- Material :zinc alloy
- Finish :Electrophoresis black
- Panel thickness: 1~4mm
- Remark: :For both left and right hand use,It can be changed by reversing the stopper plate , with padlock



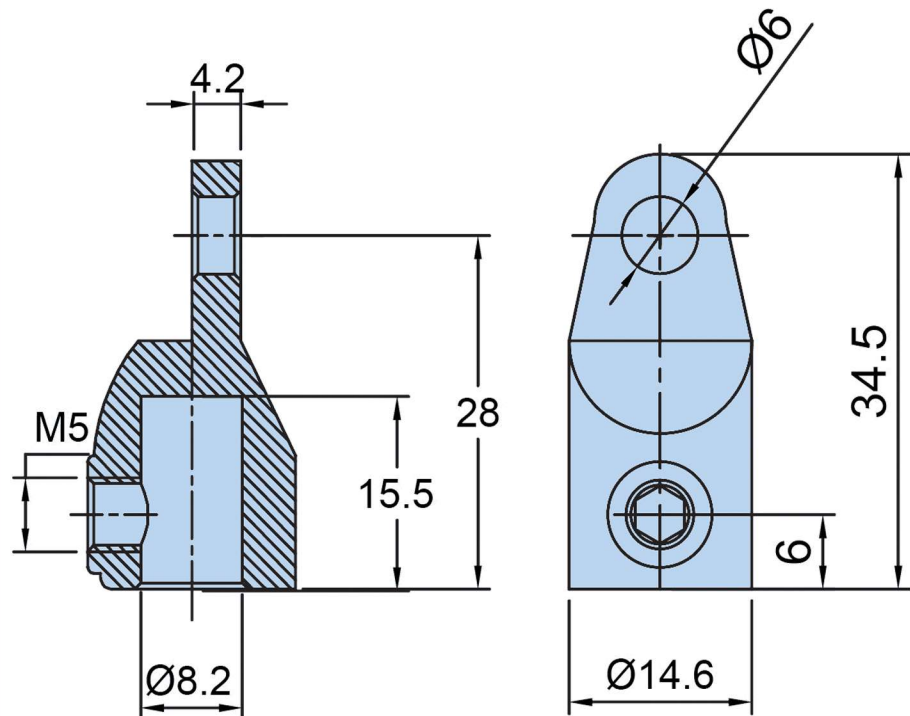
SHR - 02

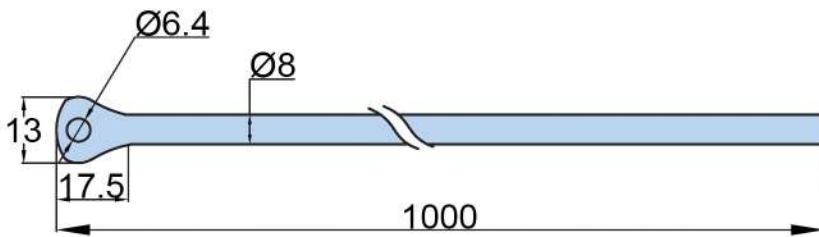
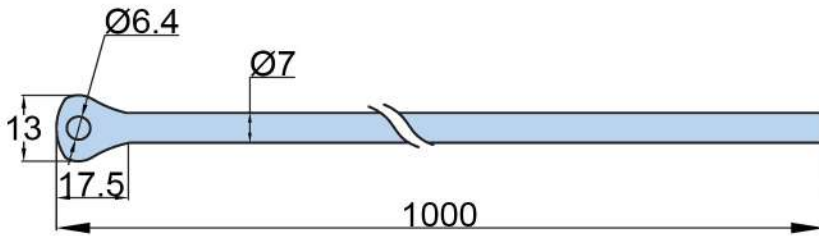
- Material: Polymide



SHR - 02 A

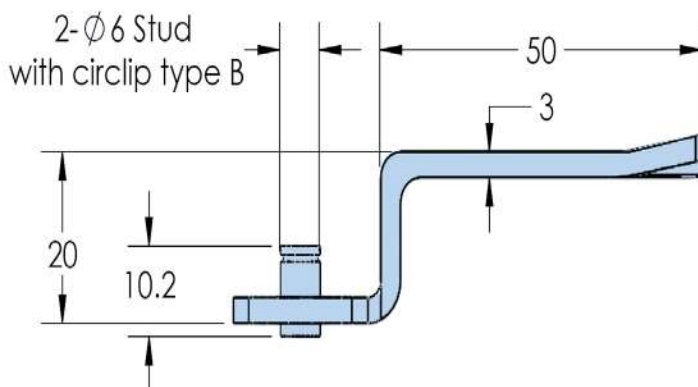
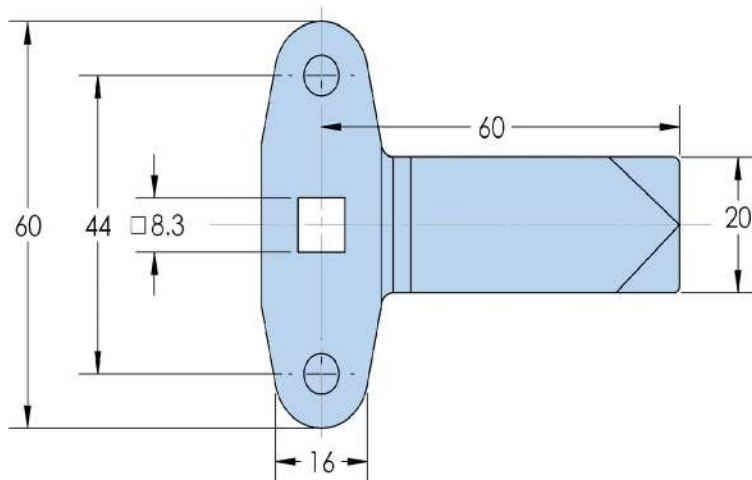
- Material: Zinc Die Casting
- Finish: Zinc Blue Plating





SHR - 03

- Material: Steel
- Finish: Zinc Blue Plating



SHR- 04

- Material: Steel
- Finish: Zinc Yellow Plating

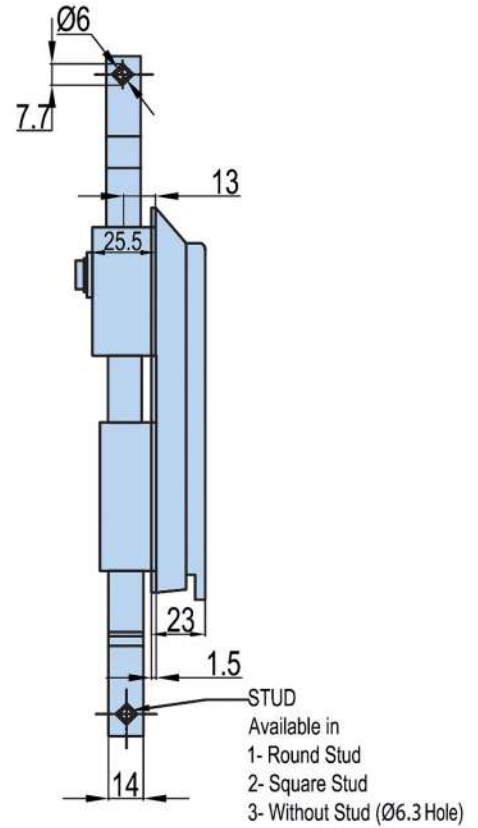
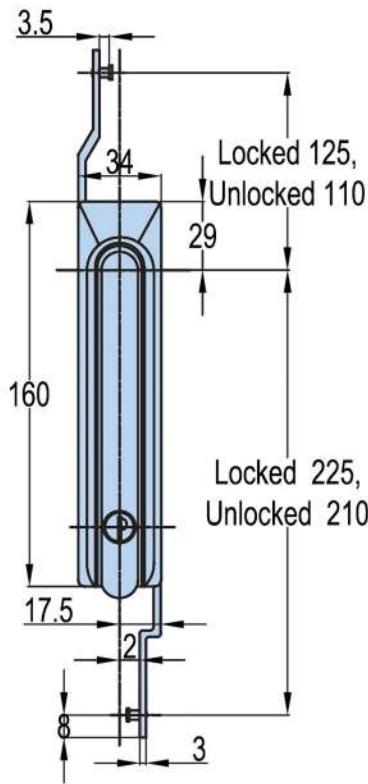


MS - 100 - 3

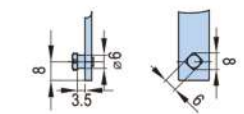


MS - 100 - 3P

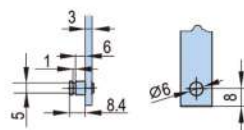
● Material: PA6 Body, Brass/Zinc Shaft, Zinc Plating-Cam, Fixing parts. Nickel/Zinc Plating Driving Rod.



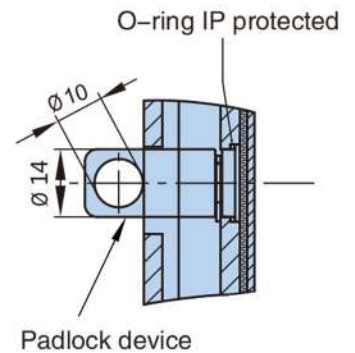
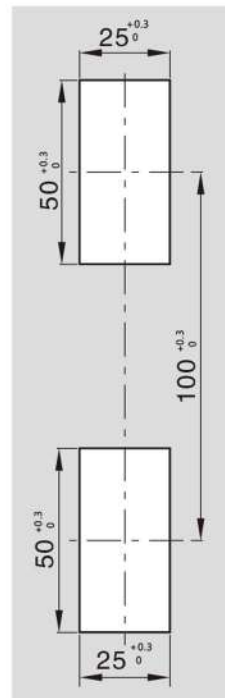
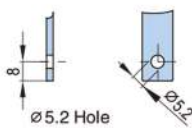
■ Cut out



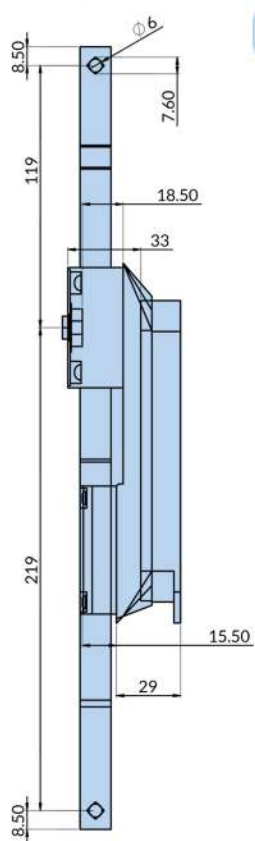
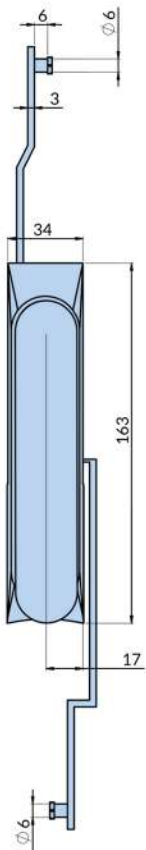
Square Studs



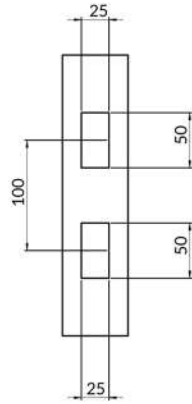
Round Studs







Non Locking

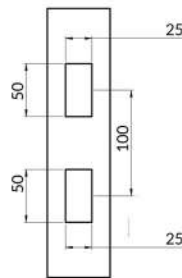
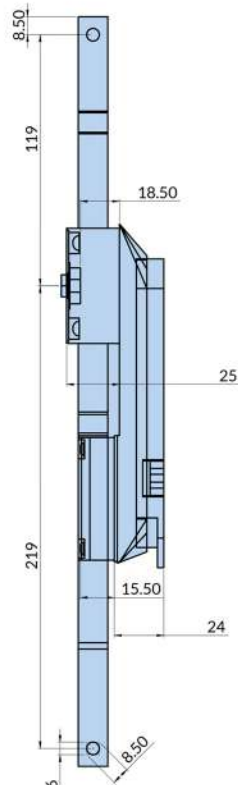
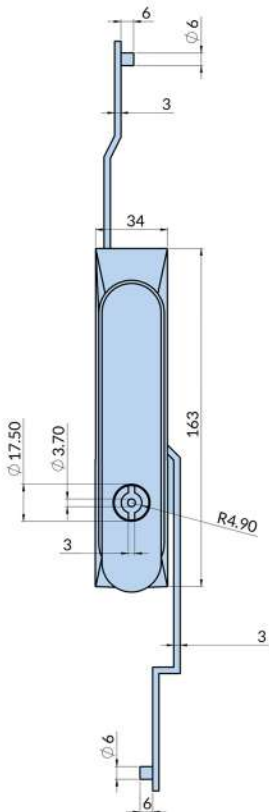


Cut out



MS 100 - 3 NL

- Material: PA6 Body, Brass/Zinc Shaft, Zinc Plating-Cam, Fixing parts. Nickel/Zinc Plating Driving Rod.



Cut out



MS 100 - 3DB

- Material: PA6 Body, Brass/Zinc Shaft, Zinc Plating-Cam, Fixing parts. Nickel/Zinc Plating Driving Rod.

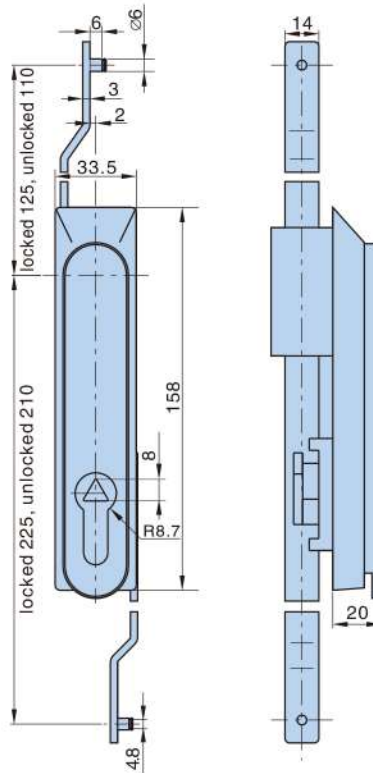


K7030-06

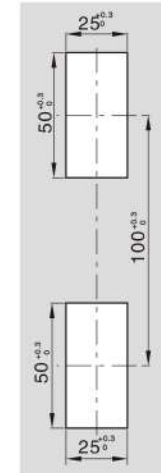
K7030(D)

### ABB100 - 3

- Material: PA body, brass shaft, Zinc plating or steel cam, sand bright chrome plating rack
- Finish: Matt black
- Panel thickness: 1~3mm
- Remark: cam cutout  $\square 8 \times 8$



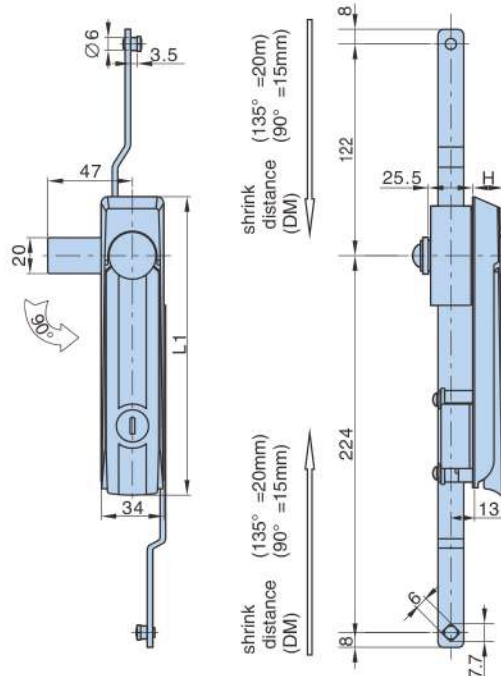
■ Cut out



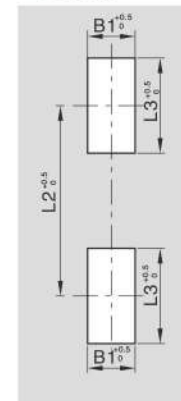
K0570

### MS 742-1-1 MS 742-2-1

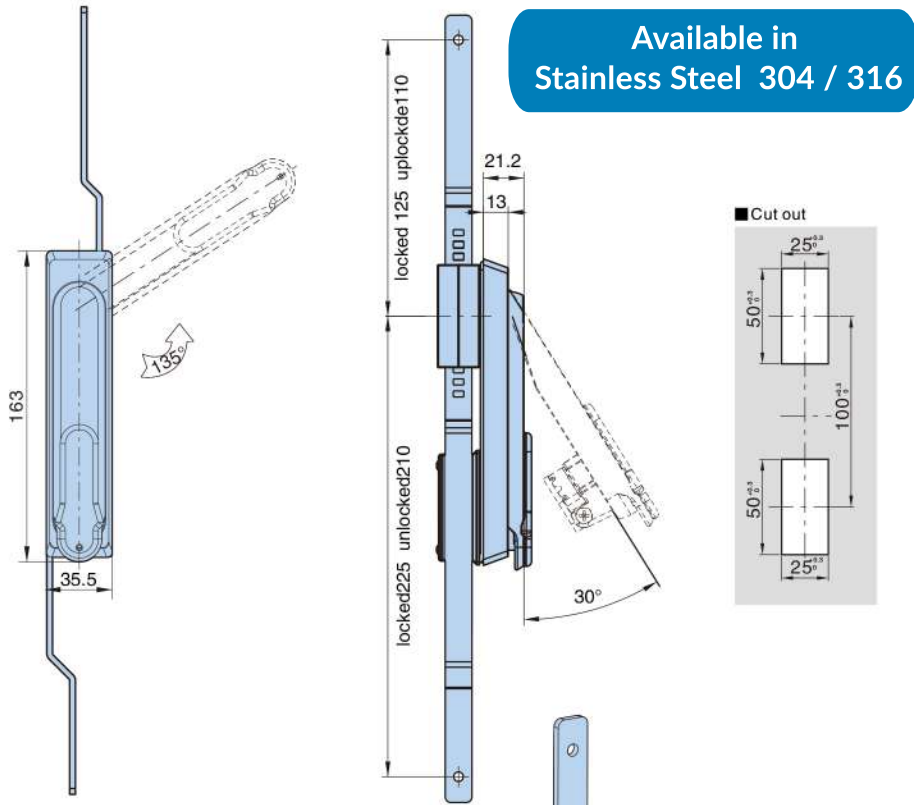
- Material: zinc die-casting body and shaft, zinc plating cam and bracket, sand bright chrome plating rack
- Finish: Black powder coated,
- Panel thickness: 1~4mm
- Remark: cam cutout  $\square 8 \times 8$



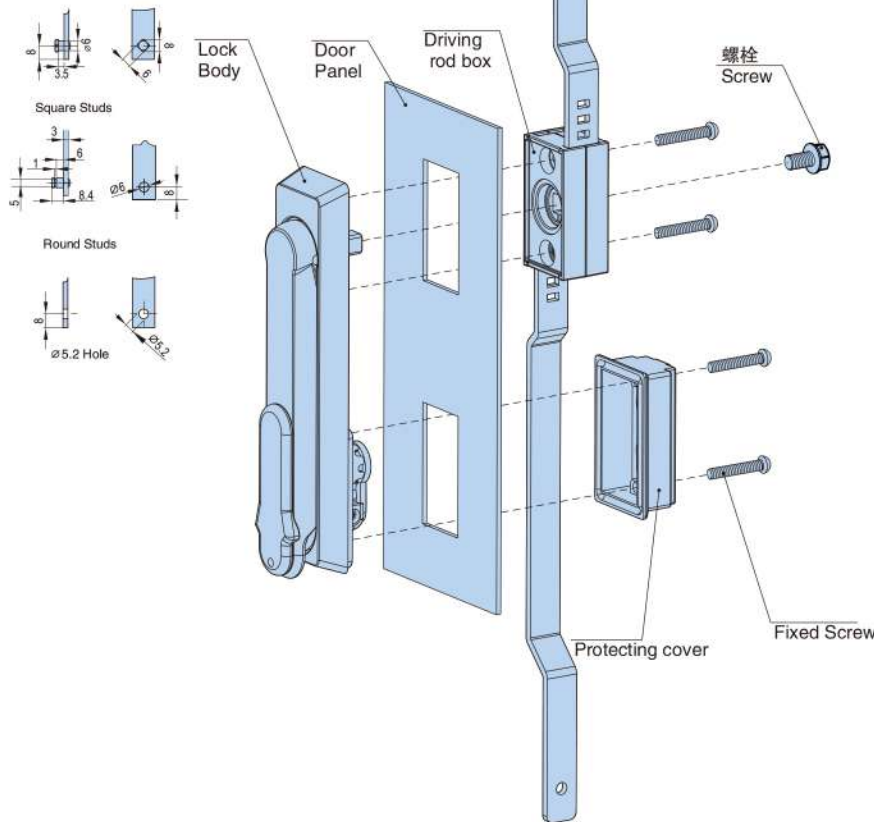
■ Cut out



Dimensions					Product Number	Weight (g)	Lot
L1	L2	L3	B1	H			
162	100	50	25	16	MS 742- 1- 1	638	50
136	74	49.5	24.5	18	MS 742- 2- 1	602	50



Available in  
Stainless Steel 304 / 316



MS 100 - 3S

- Material:Stainless steel body, nickel plating driving rod sand bright chrome plating rack
- Finish: drawing,
- Panel thickness:1~3mm

Product no.	Weight (g)	Lot
MS 100- 3S	854	50

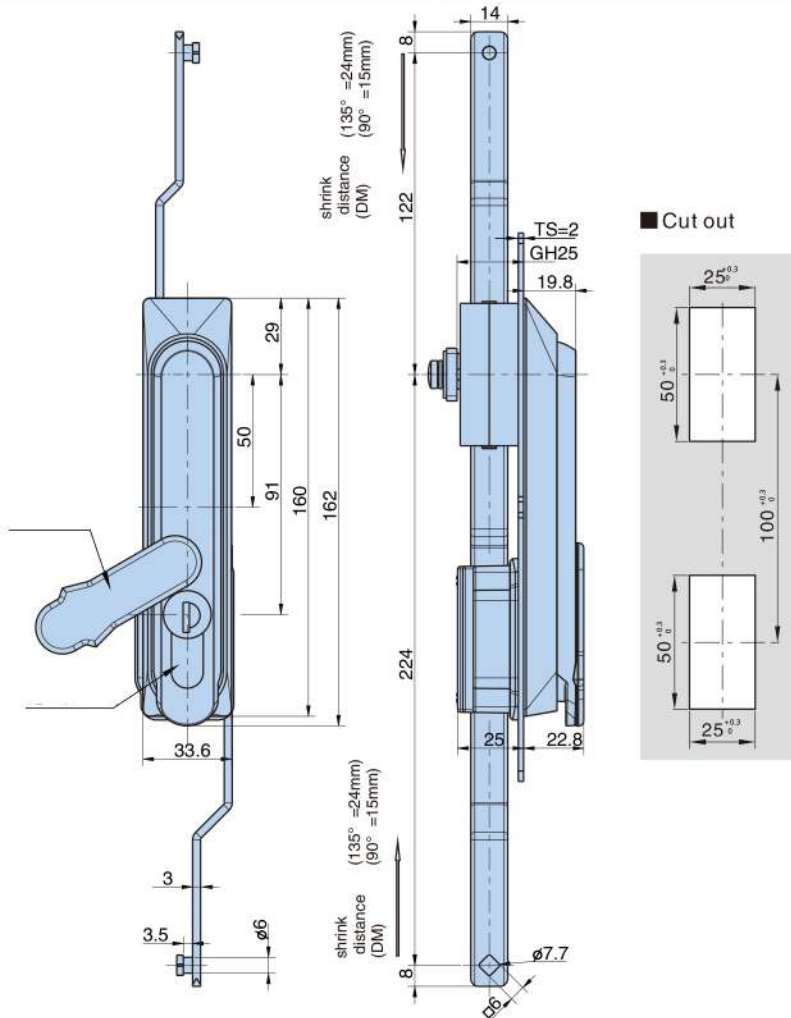


MS100-3-2B

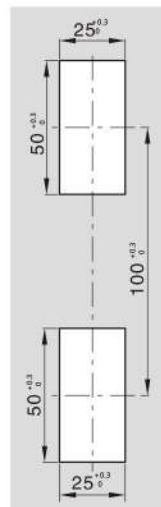


MS100-3-2BN

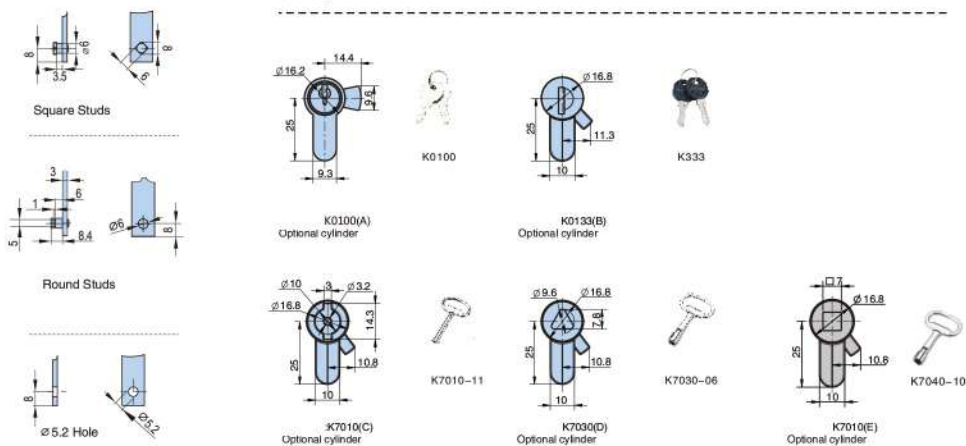
- Material: PA body, brass shaft, Zinc plating shaft, cam, sand bright chrome plating rack
- Finish :Matt black
- Panel thickness:1~3mm
- Remark: cam cutout 8x8



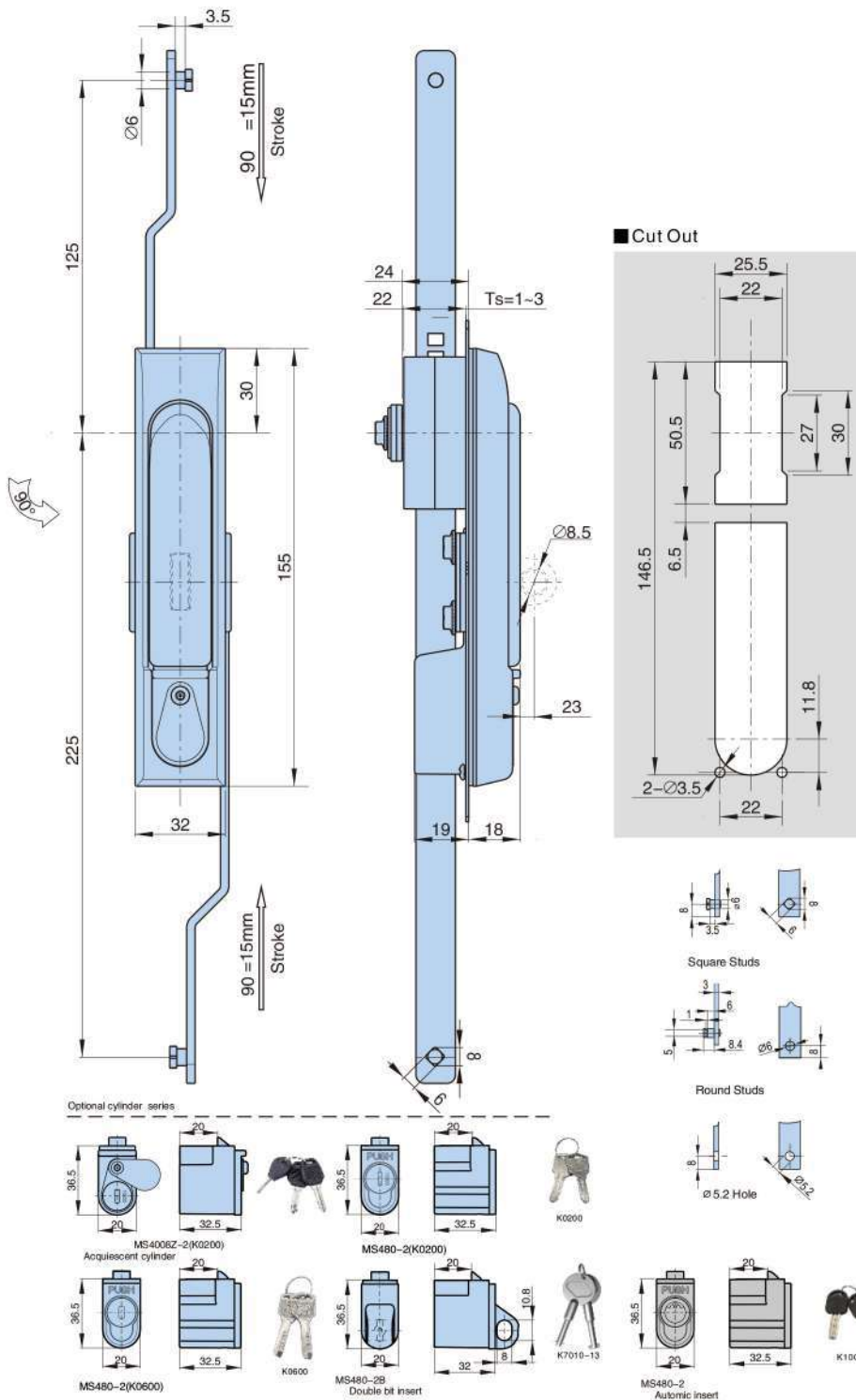
■ Cut out



Optional cylinder series



Product Number						
two point lock(with rod,without cam)						
Insert types	with	Weight (g)	Lot	without	Weight (g)	Lot
K0100(A)	MS100-3-2A		50	MS100-3-2AN		50
K0133(B)	MS100-3-2B		50	MS100-3-2BN		50
K0710(C)	MS100-3-2C		50	MS100-3-2CN		50
K0730(D)	MS100-3-2D		50	MS100-3-2DN		50



**MS4008Z - 2 - 2A**

- Material: Zinc alloy housing , back and cylinder , A3 steel rod, cam.
- Finish: Black powder coated housin back, Bright chrome plating cylinder sand gray chrome rod , zinc plating accessories.
- Function: 90° rotation of the back drive the gear box to lock and unlock
- Panel thickness: 1~3mm
- Remark: Cam Cutout □8 x 8

Insert types	Product Number					
	Two point lock(with rod,withouthout cam)					
	W/O Padlock	Weight(g)	Lot	Wiht Padlcok	Weight(g)	Lot
MS4008Z-2(K0200)	MS4008Z-2-2	690.8	50	MS4008Z-2G-2	620.2	50
MS480-2(K0600)	MS4008Z-2-2A	642	50	MS4008Z-2G-2A	652.4	50
MS480-2(K0200)	MS4008Z-2-2B	647.5	50	MS4008Z-2G-2B	658.9	50
MS480-2B	MS4008Z-2-2C	690.5	50	MS4008Z-2G-2C	700.9	50
MS480-2	MS4008Z-2-2D	652.5	50	MS4008Z-2G-2D	662.9	50

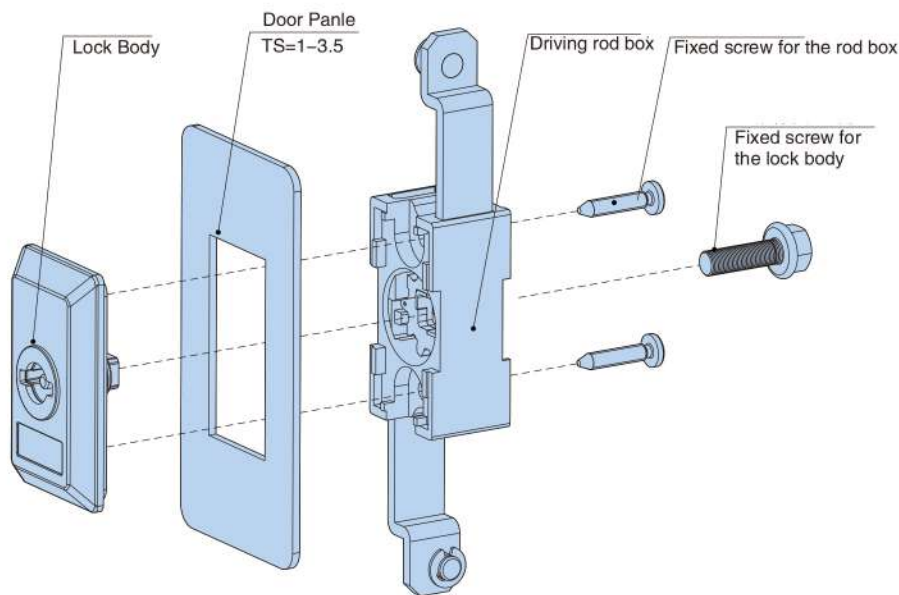
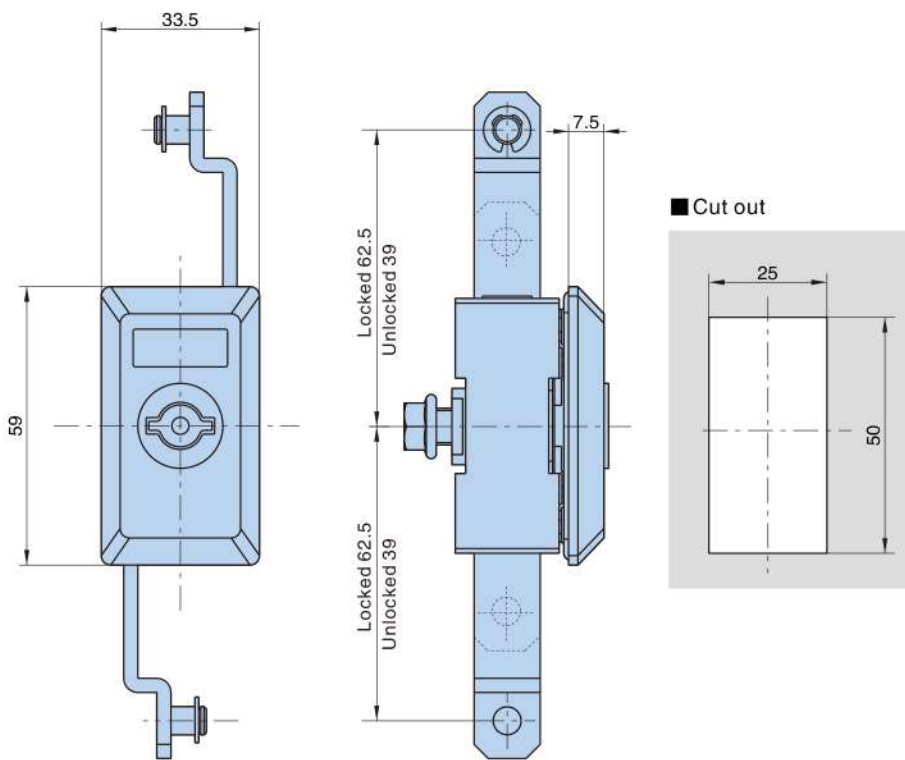


MS1002Z - 1 - 1

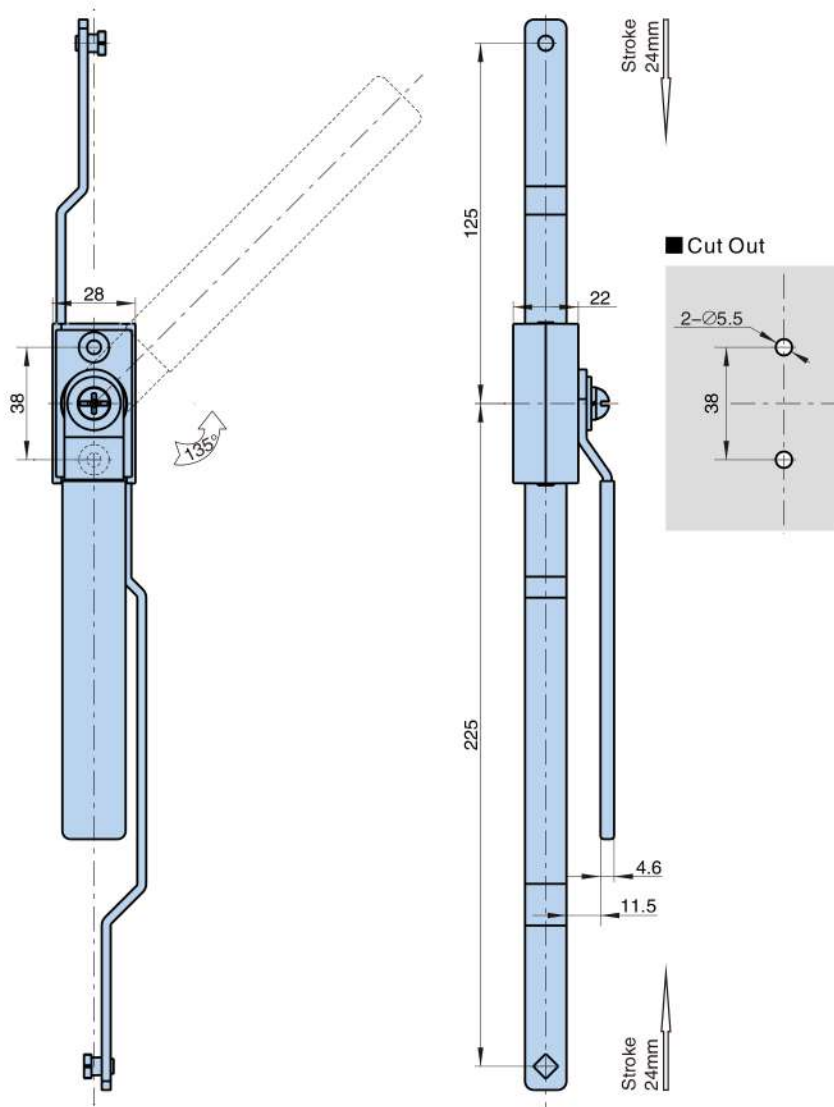


K7010-05

- Material: PA lock housing, zinc alloy lock cylinder, rod control box, sand bright chrome plating rack
- Finish: Black powder coated
- Panel thickness: 1 ~3.5mm



Product no.	Weight (g)	Lot
MS 1002Z- 1- 1	184	100



MS102C - 2

Product no.	Weight (g)	Lot
MS102C-2	308.5	50

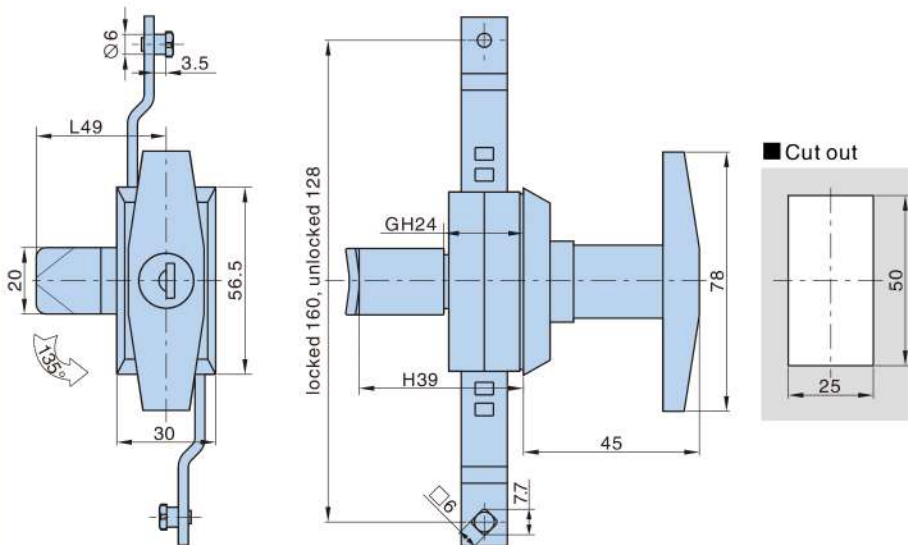
- Material: Zinc die-casting Rod box, steel handle with plastic cover
- Finish: Sandblasting bright chrome plating



K333

MS102 - 1

- Material: Zinc die-casting body, Plastic housing, Zinc plating cam sand bright chrome plating rack
- Finish: Black powder coated
- Panel thickness: 1~2mm
- Remark: cam cutout  $\square 8 \times 8$



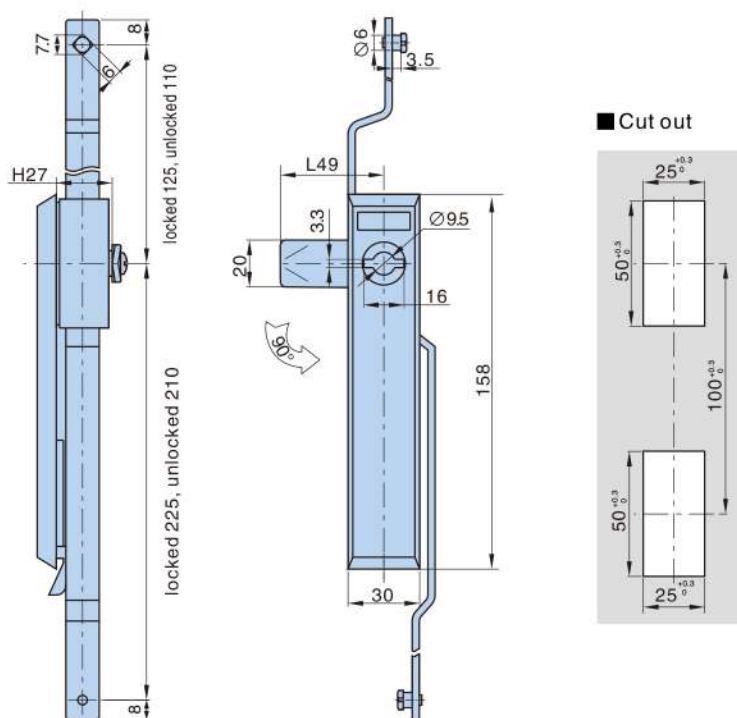
Product no.	Weight (g)	Lot
MS 102- 1	399	50



K7010-05

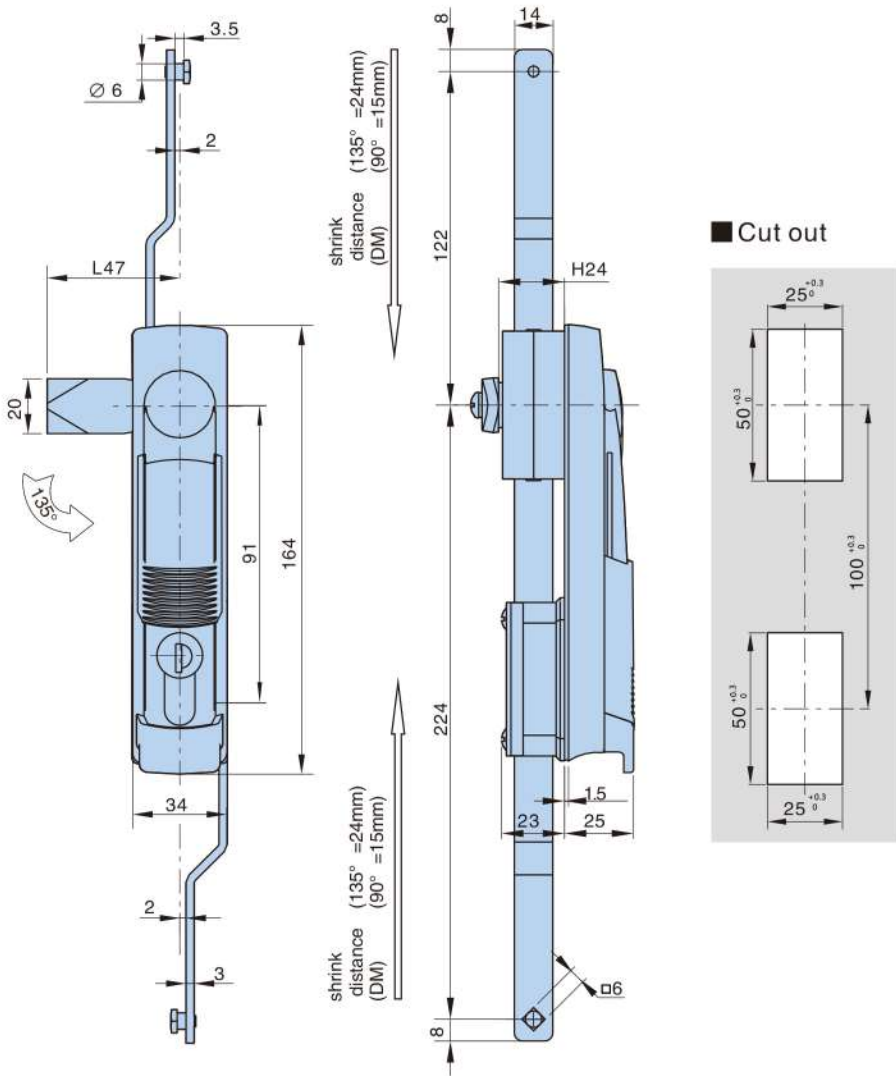
MS 103C - 1

- Material: PA body, Zinc die-casting rod control box, Zinc plating cam, sand bright chrome plating rack
- Finish: Matt black
- Panel thickness: 1~2mm



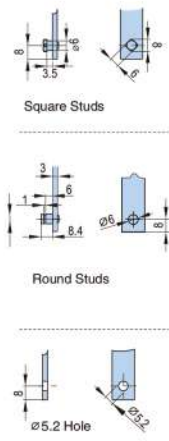
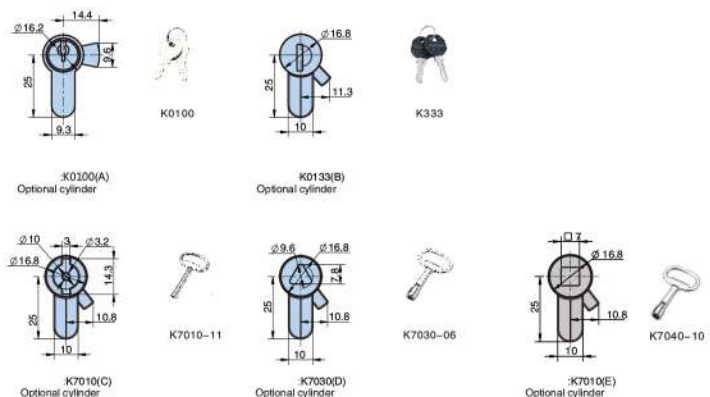
Product no.	Weight (g)	Lot
MS 103C - 1	300	50





MS822 - 1- 2D

Optional cylinder series



Insert types	Product Number					
	two point lock (with rod, without cam)	Weight (g)	Lot	three point lock (with cam and rod)	Weight (g)	Lot
K0100(A)	MS822-1-2A	438	50	MS822-1-3A	458	50
K0133(B)	MS822-1-2B	455	50	MS822-1-3B	486	50
K7010(C)	MS822-1-2C	468	50	MS822-1-3C	495	50
K7030(D)	MS822-1-2D	472	50	MS822-1-3D	500	50

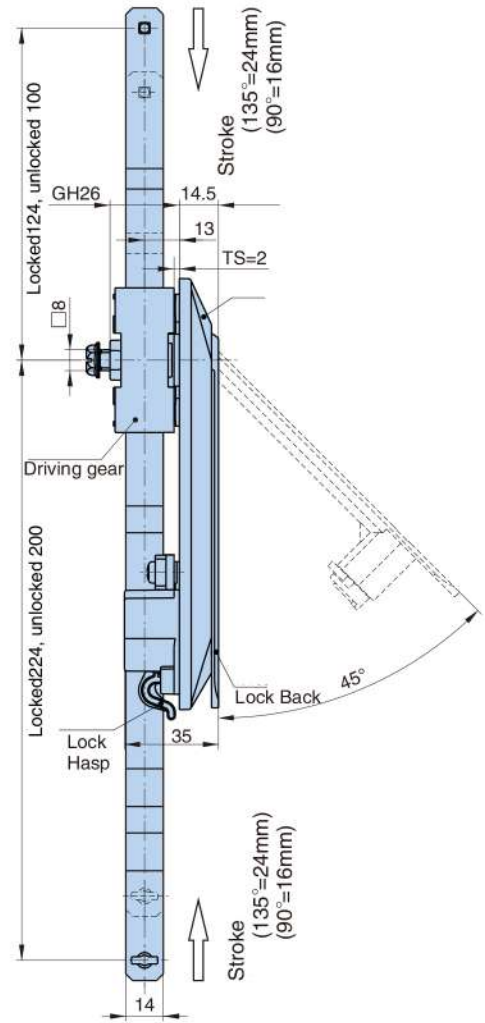
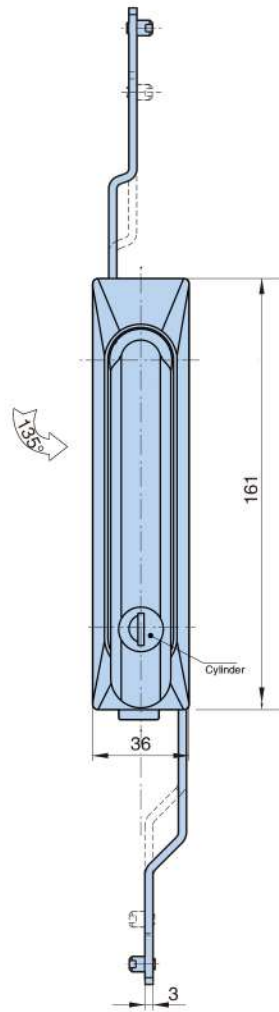
- Material: PA body, Zinc alloy shaft  
Zinc plating cam, sand bright chrome plating rack
- Panel thickness: 1~2mm
- Finish: Matt black
- Remark: cam cutout □8 x 8



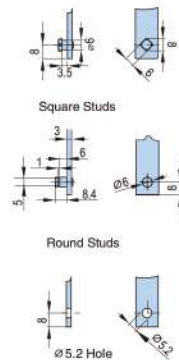
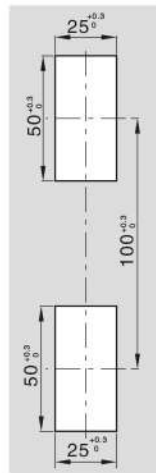
K333

**MS 4089Z - 1 - 3**

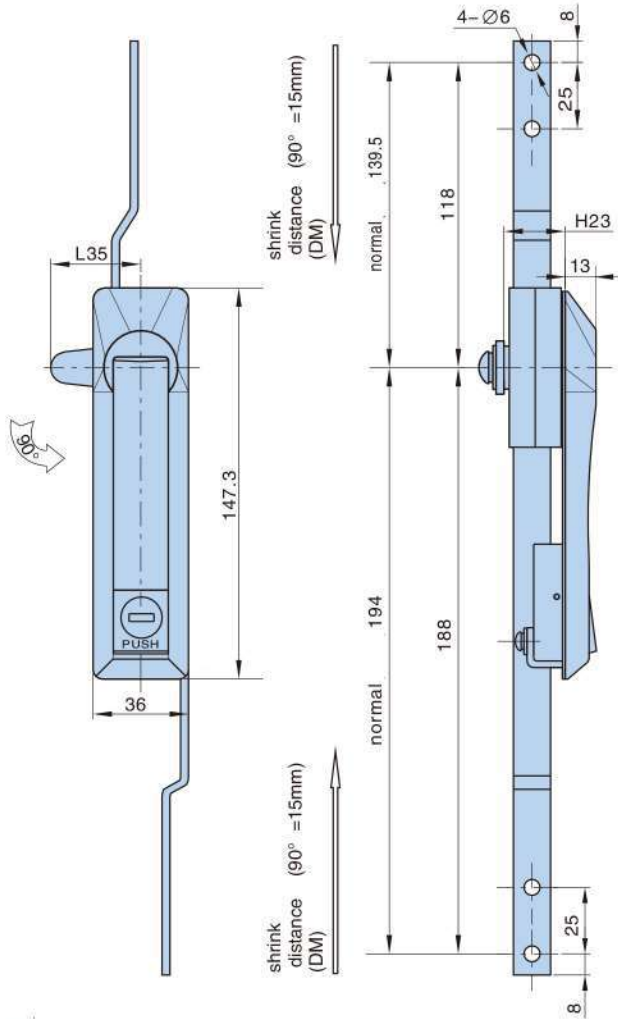
- Material: PA6 for the housing, zinc alloy for the back, shaft and gear box, A3 for the rod
- Finish: sand grain surface for the housing, Matt black for the lock back
- Funtion: 135° rotation of the lock back drive the gear box to lock and unlock.
- Panel thickness: 2mm
- Remark: □ 8x8mm cut out



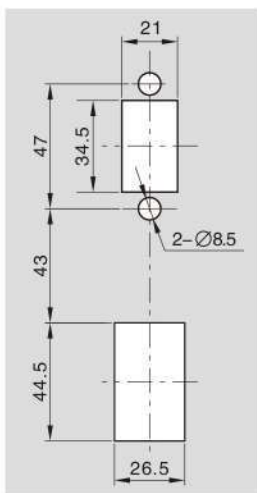
■ Cut out



Product no.	Weight (g)	Lot
MS 4089Z - 1 - 3	486.6	50

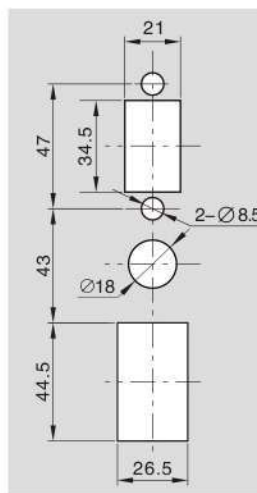


■ Cut out



MS460-1-1

■ Cut out



MS460-1-1G



MS460 - 1 - 1

MS460 - 1 - 1G



MS460 - 2 - 1

- Material: Zinc die-casting body, Zinc plating cam, mounting plate, sand bright chrome plating rack
- Panel thickness: 1~2.5mm
- Remark: cam cutout 8 x 8 padlockable on request

Product no.	Characteristic description	Weight (g)	Lot
MS460-1-1	w/opadlock	530	50
MS460-1-1G	with padlock	550	50
MS460-2-1	one point lock	550	50



MS 463 - 1 - 1A



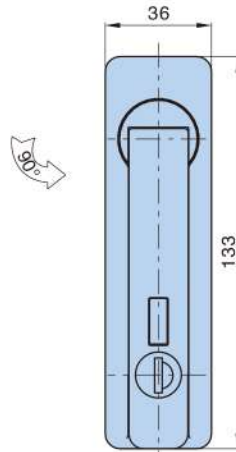
K333

MS 463 - 1 - 2BG

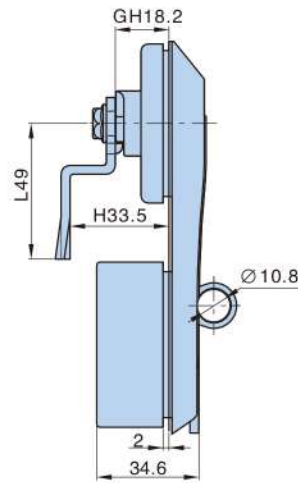


K7030-06

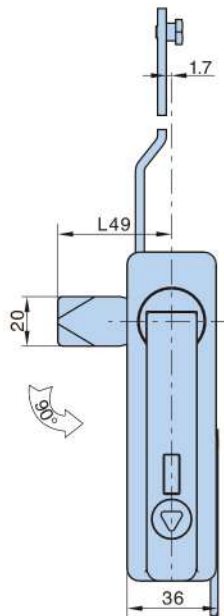
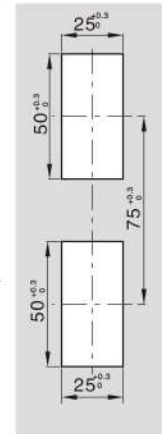
- Material: Zinc die-casting body and handle, Zinc plating cam
- Panel thickness: 1.5~2mm
- Remark: cam cutout  $\square 8 \times 8$



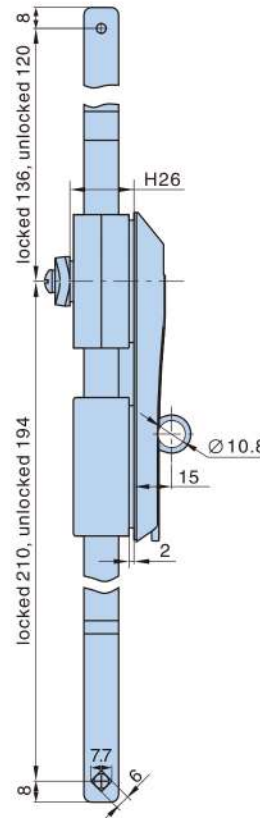
MS463-1-1



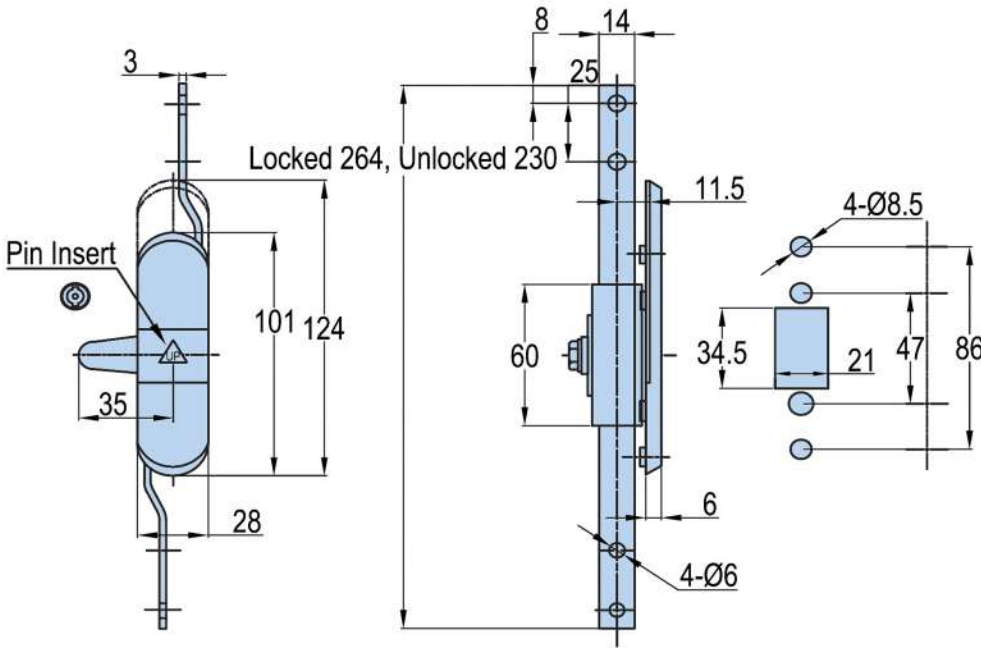
■ Cut out



MS463-1-2/3

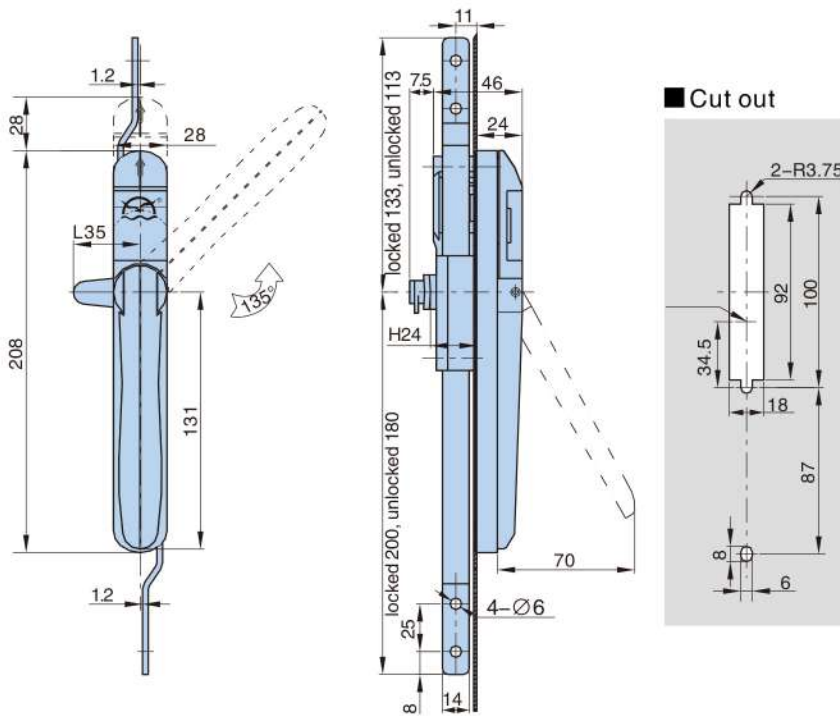


Insert type		Product Number											
		One pointlock(with 15mm bend cam)				Two point lock (w/o cam)				Three point lock (with cam)			
		Gray chrome plating	Black powder coated	Weight (g)	Lot	Gray chrome plating	Black powder coated	Weight (g)	Lot	Gray chrome plating	Black powder coated	Weight (g)	Lot
K 333 (A)	w/oadlock	MS 463-1-1A.2	MS 463-1-1A.3	522	50	MS 463-1-2A.2	MS 463-1-2A.3	532	50	MS 463-1-3A.2	MS 463-1-3A.3	552	50
	withpadlock	MS463-1-1AG.2	MS463-1-1AG.3	542	50	MS463-1-2AG.2	MS463-1-2AG.3	552	50	MS463-1-3AG.2	MS463-1-3AG.3	582	50
K 7030 (B)	w/oadlock	MS 463-1-1B.2	MS 463-1-1B.3	552	50	MS 463-1-2B.2	MS 463-1-2B.3	562	50	MS 463-1-3B.2	MS 463-1-3B.3	592	50
	withpadlock	MS463-1-1BG.2	MS463-1-1BG.3	570	50	MS463-1-2BG.2	MS463-1-2BG.3	580	50	MS463-1-3BG.2	MS463-1-3BG.3	610	50



**MS103D - 1**

- Material: Zinc Die Casting
- Finish: Black Powder Coated



**MS483 - 1 - 1**  
**MS483 - 1 - 2**

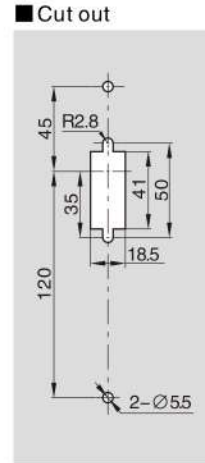
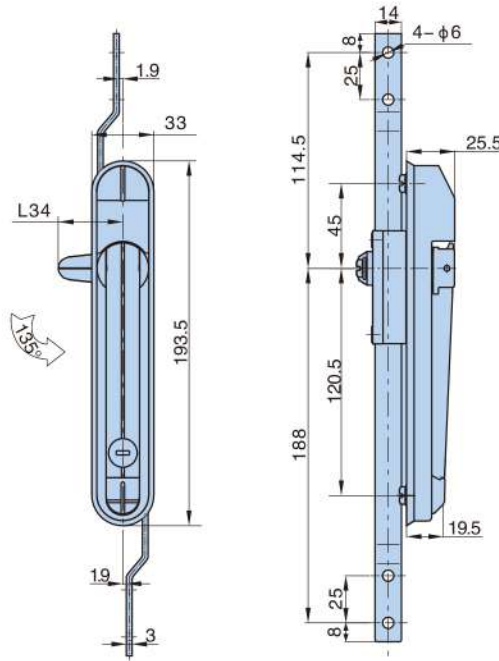
- Material: zinc die-casting body, zinc plating cam and bracket, sand bright chrome plating rack
- Finish: Gray chrome plating
- Panel thickness: 1-2mm
- Remark: cam cutout □7 x 7



K0200

MS484 - 1 - 1

- Material: zinc die-casting body, zinc plating cam and bracket, sand bright chrome plating rack
- Panel thickness: 1~2mm
- Remark: cam cutout  $\square 7 \times 7$

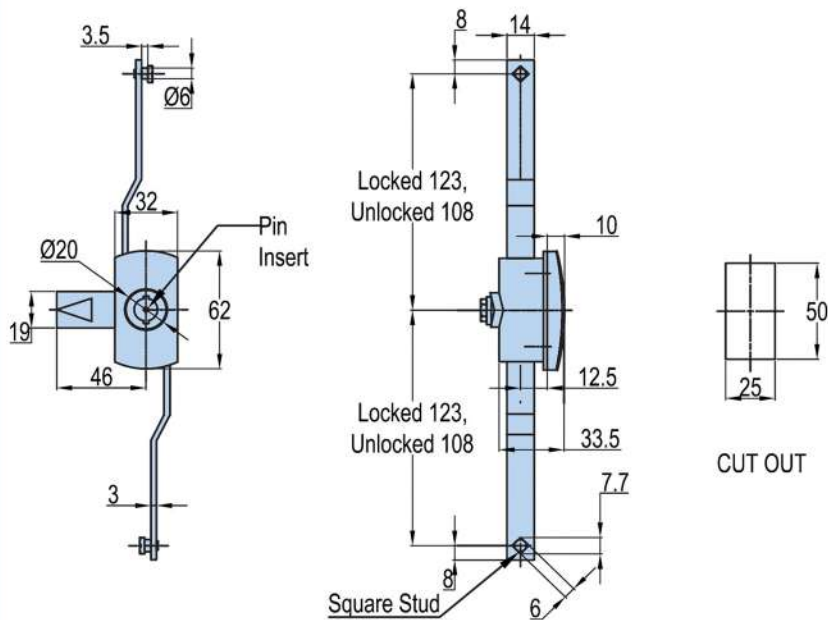


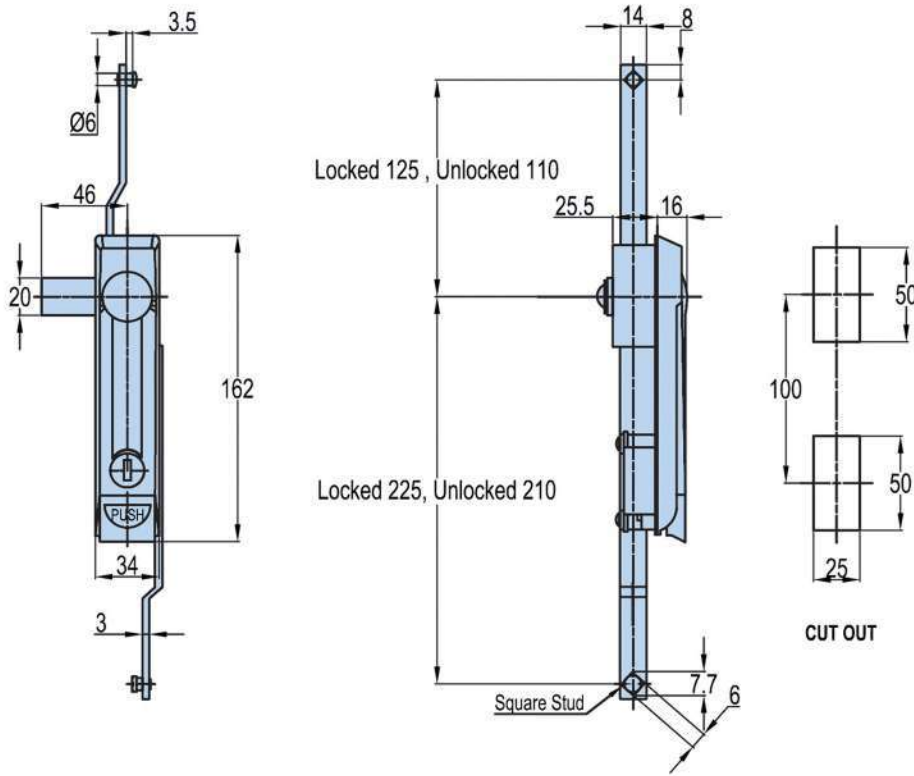
Product Number		Weight (g)	Lot
Gray c chrome plating	MS 484- 1- 1.2	563.5	50
Black powder coated	MS 484- 1- 1.3		



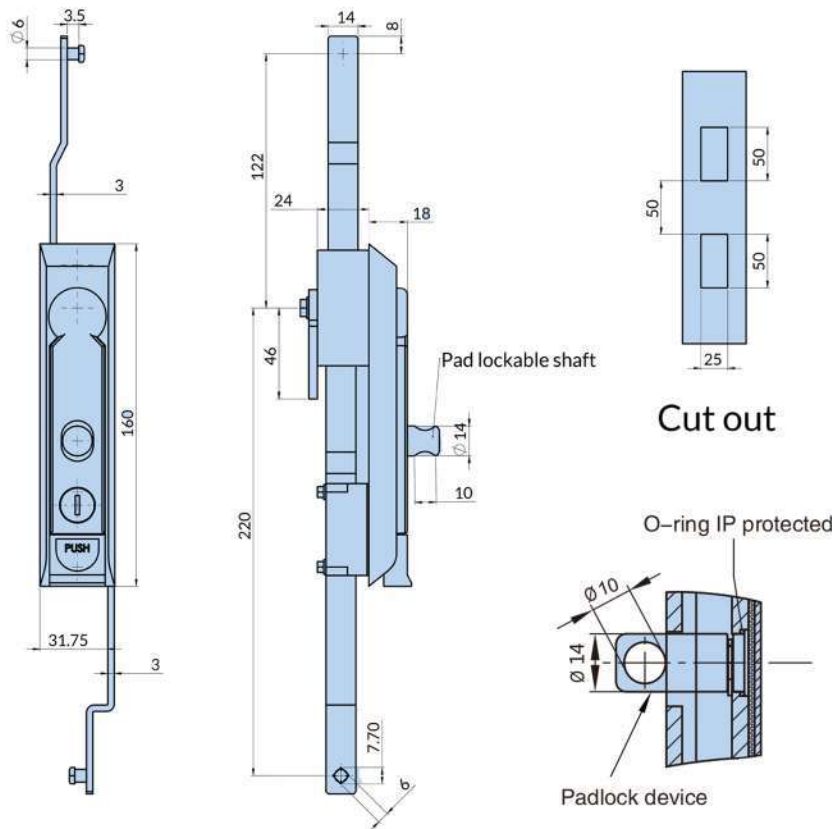
MS 730

- Material: Zinc Die Casting
- Finish: Chrome Plating





MS 741 - 1 - 1



MS 741 - 1 - 1G

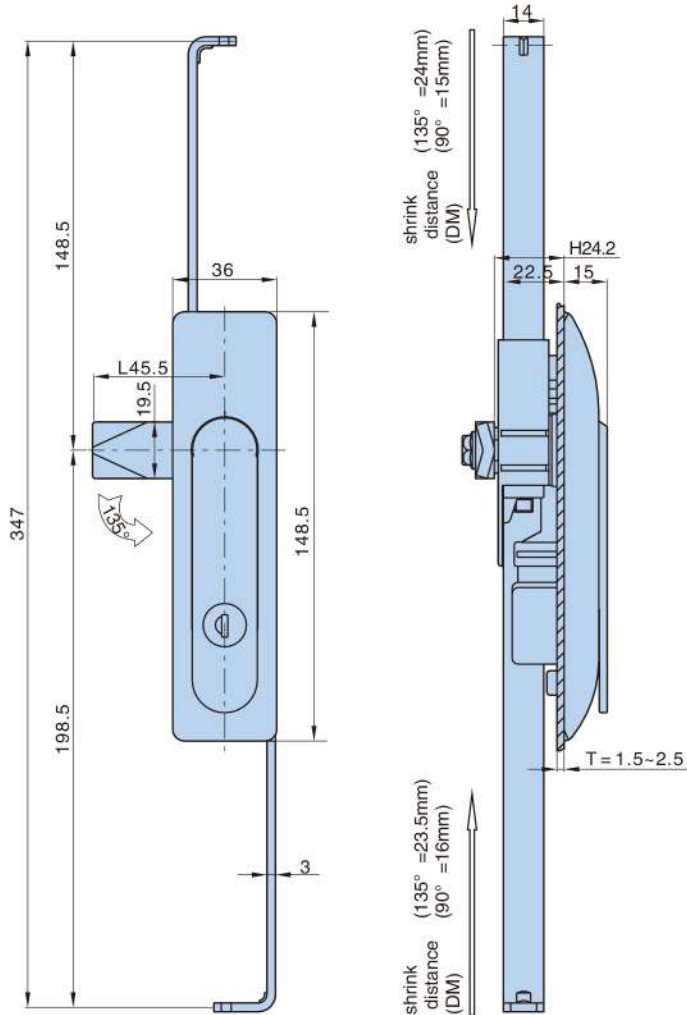
Dimensions					Product Number	Weight (g)	Lot
L1	L2	L3	B1	H			
162	100	50	25	16	MS 741- 1- 1	636	50
162	100	50	25	16	MS 741- 1- 1G	650	50
136	74	49.5	24.5	18	MS 741- 2- 1	600	50

- Material: Zinc Die Casting
- Finish: Black Powder Coated

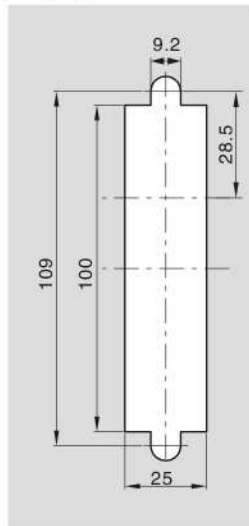


MS 827 - 1 - 1

- Material: PA lock body, fixing parts, Zinc plating cam, sand bright chrome plating rack
- Finish :Matt black
- Panel thickness: 1~2.5mm
- Remark: cam cutout 8 × 8



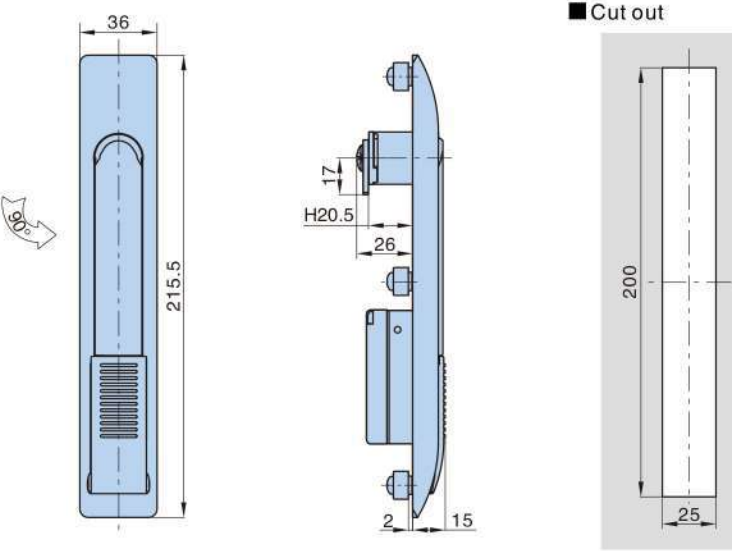
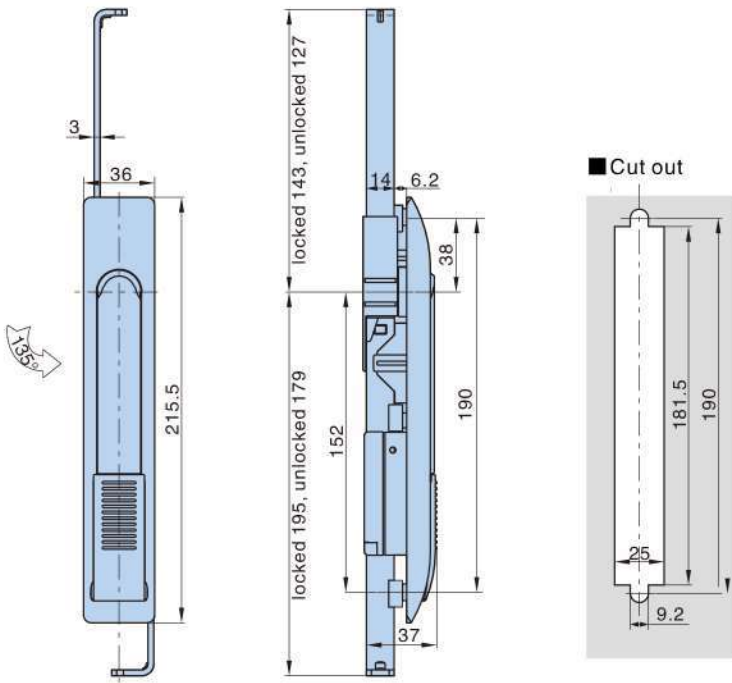
■ Cut out



Product no.	Weight (g)	Lot
MS 827- 1- 1	368	50



- Material: Zinc die-casting handle, PA housing, Sandblasting bright chrome plated rack
- Panel thickness: 1.5~4mm
- Complete set locking system(,4pcs rod guide , 4pcs catches )are on request.



MS828 - 1 - 1



MS828 - 2 - 1

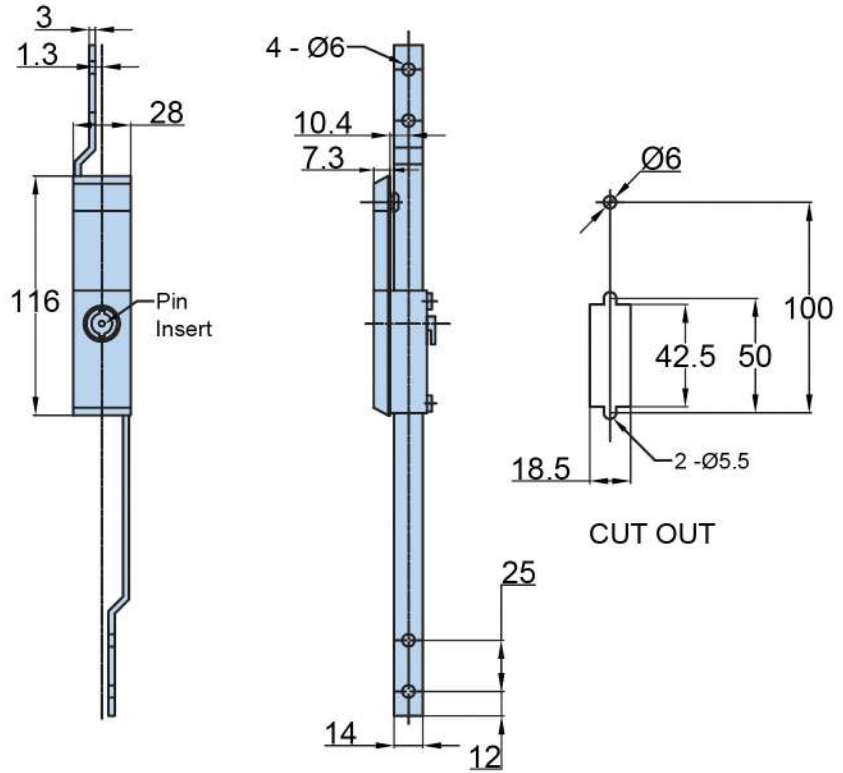
- Material: Zinc die-casting handle, PA housing, Zinc plating cam
- Panel thickness: 1.5~4mm
- Finish :Matt black
- Remark: cam cutout 8x8.

Produc no.	Weight (g)	Lot
MS 828- 1- 1	435	50
MS 828- 2- 1	400	50



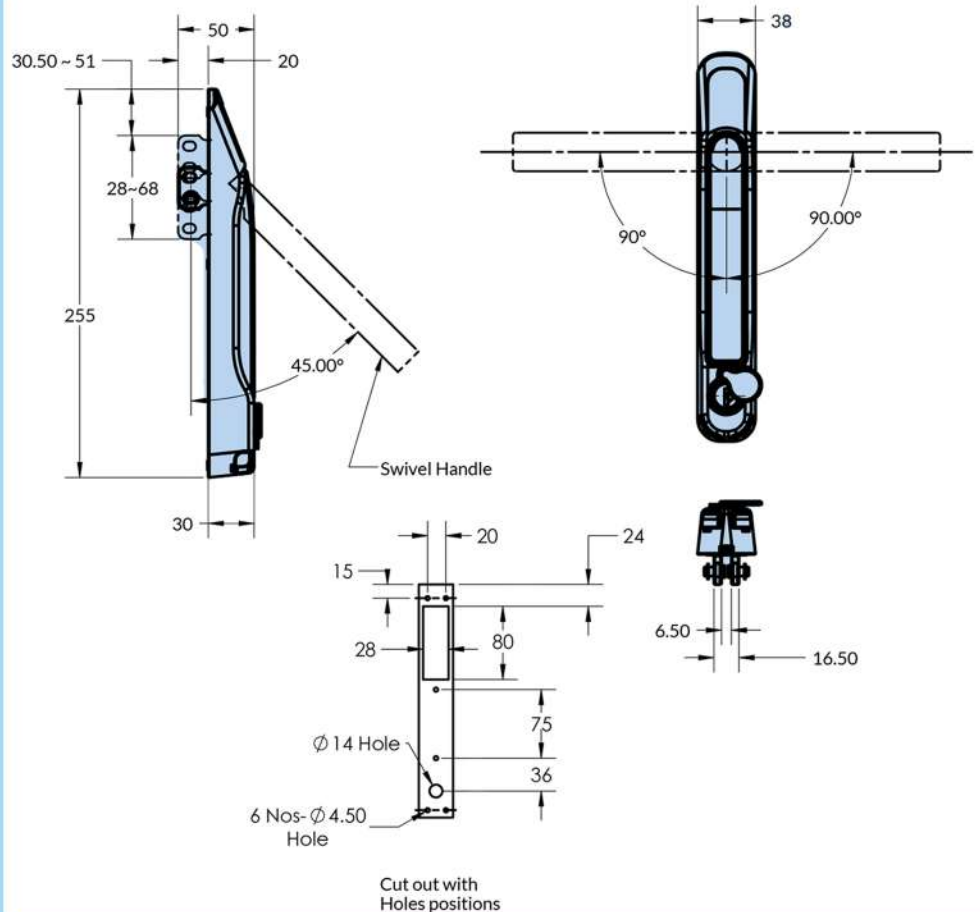
### MS 821

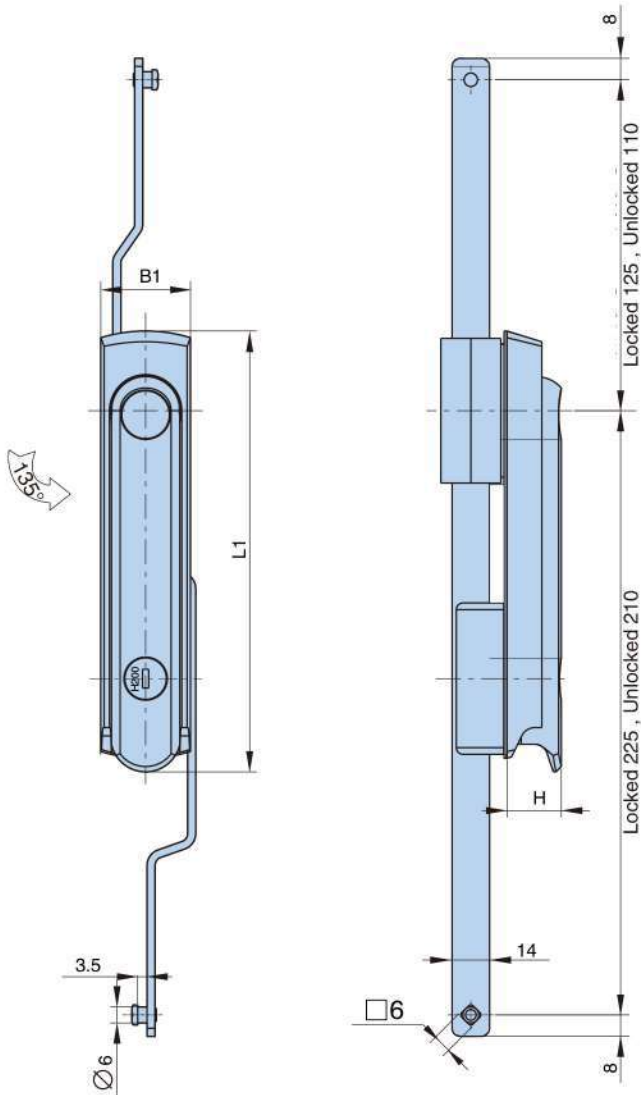
- Material: Zinc Die Casting
- Finish: Chrome Plating



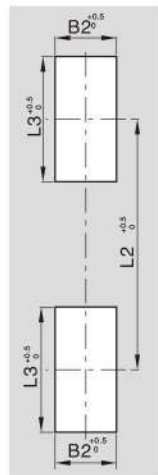
### NY 1130

- Material: Zinc Die Casting
- Finish: Black





■ Cut out



K0200



MS835 - 2 - 1

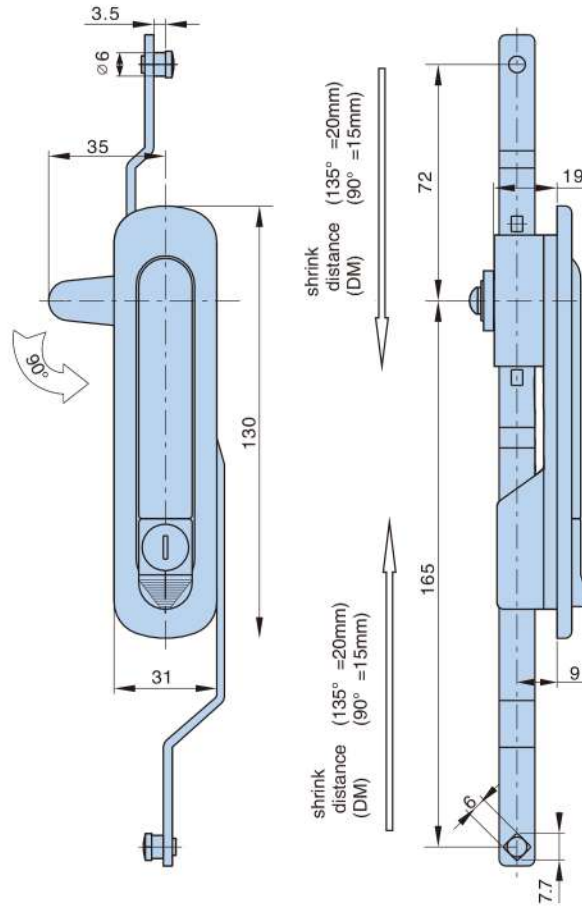
- Material: zinc die-casting body and shaft, zinc plating cam and bracket, sand bright chrome plating rack
- Finish :Bright chrome plating
- panel thickness:1~3mm
- Remark:cam cutout □8 × 8



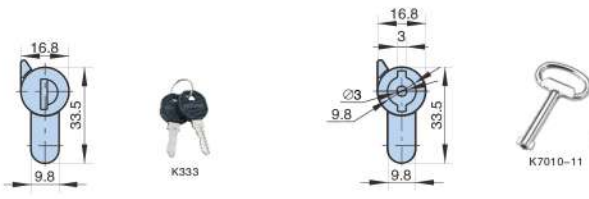
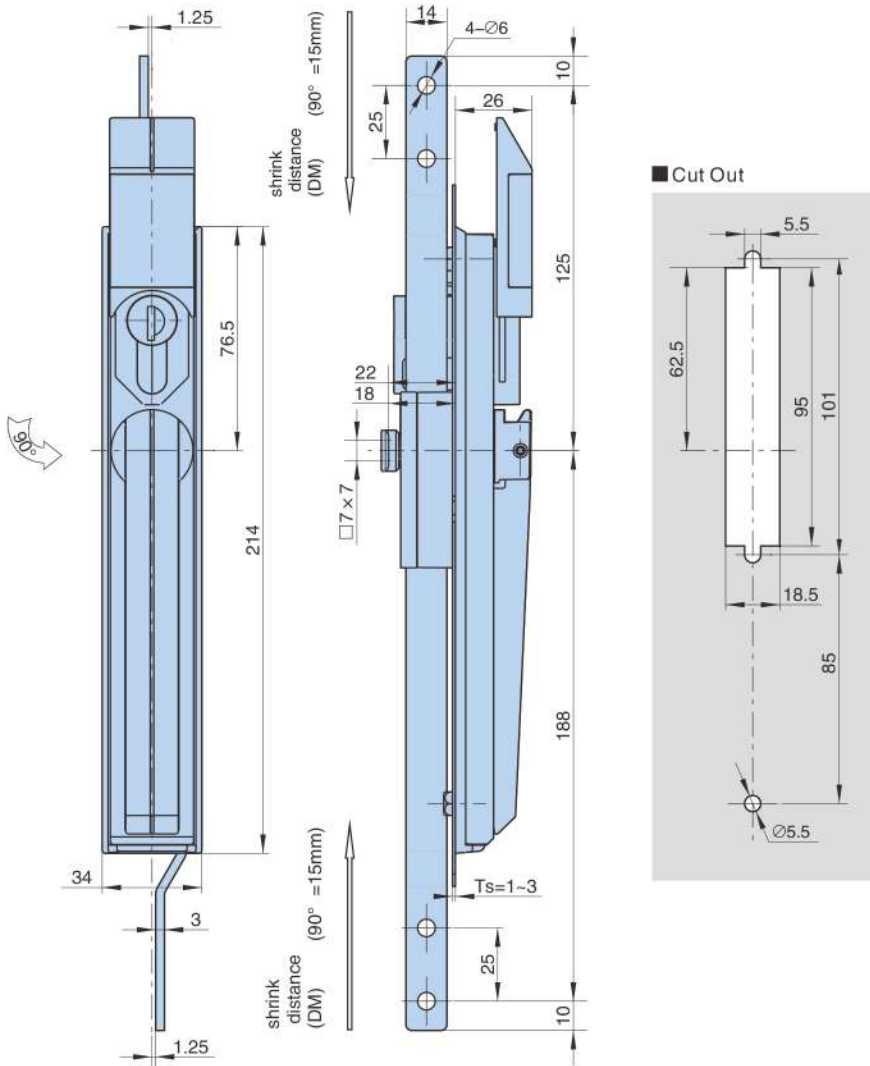
K0200

MS 732 - 2 - 1

- Material: zinc die-casting body and shaft, zinc plating cam and bracket, sand bright chrome plating rack
- Finish : Gray chrome plating
- Panel thickness: 1~4mm



Product no.	Weight (g)	Lot
MS 732- 2- 1.2	361	50



(K0133) Acquiscent cylinder  
K333  
K7010(C) Optional cylinder  
K7010-11  
K7010(D) Optional cylinder  
K7030-06

Product no.	Insert	Weight(g)	Lot
MS4086Z-1-1B	K0133(B)	702.2	50
MS4086Z-1-1C	K7010 (C)	712.9	50
MS4086Z-1-1D	K7030 (D)	710.8	50

**MS 4086Z**

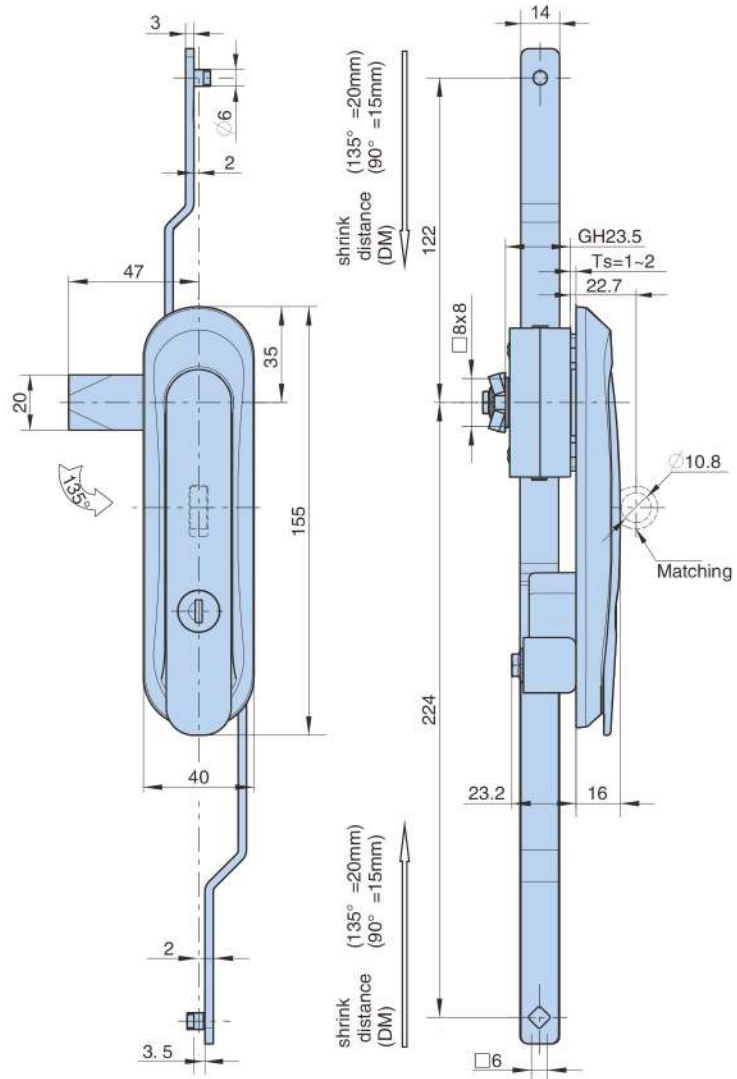
- Material: Zinc alloy housing , back , cover and shaft, A3 Steel cam
- Finish: Silver painting housing, black powder coated handle.
- Panel thickness: 1~3mm
- Remark: Cam Cutout □7 x 7
- Others: Change the position of rod and cam to open the door by left or right



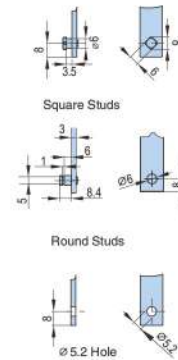
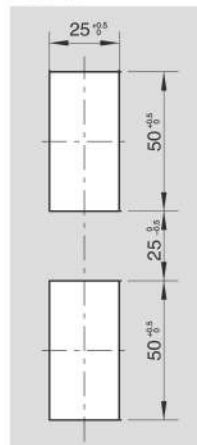
K333

MS 4085Z

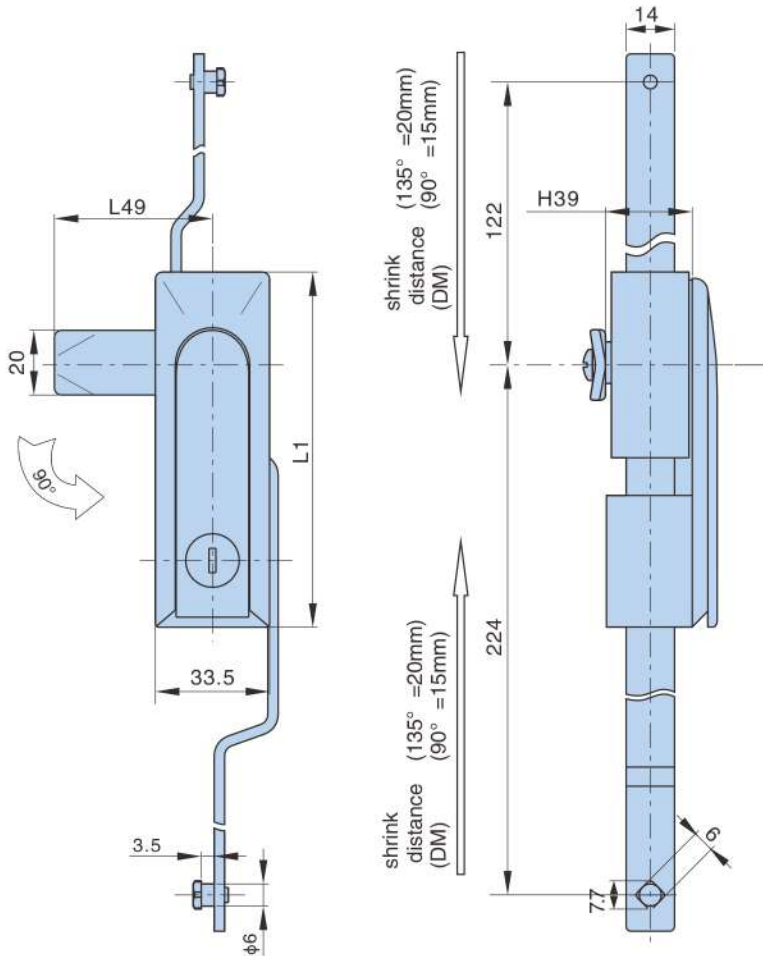
- Material: Zinc alloy steel cam fixing parts
- Finish: Black powder coated
- Function: 135° rotation of the back drive the gear box to lock and unlock.
- Panel thickness: 1~2mm
- Remark: Cam cut out  $\square 8 \times 8$



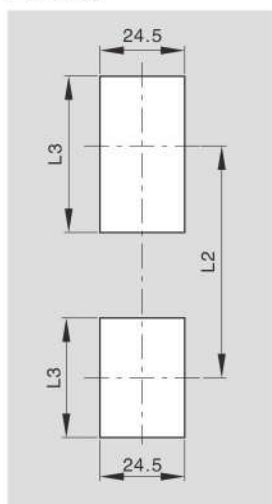
### ■ Cut Out



Product no.	Characteristic description	Weight (g)	Lot
MS 4085Z- 1- 1	w/opadlcok	633.5	50
MS4085Z-1G-1	with padlock	645	50



■ Cut out



Dimensions			Product Number	Weight (g)	Lot
L1	L2	L3			
152	94.5	49.5	MS 103- 1 - 1	525	50
131	74	49.5	MS 103- 2 - 1	500	50
114	68	34.5	MS 103- 3 - 1	462	50



MS 103 - 1 - 1



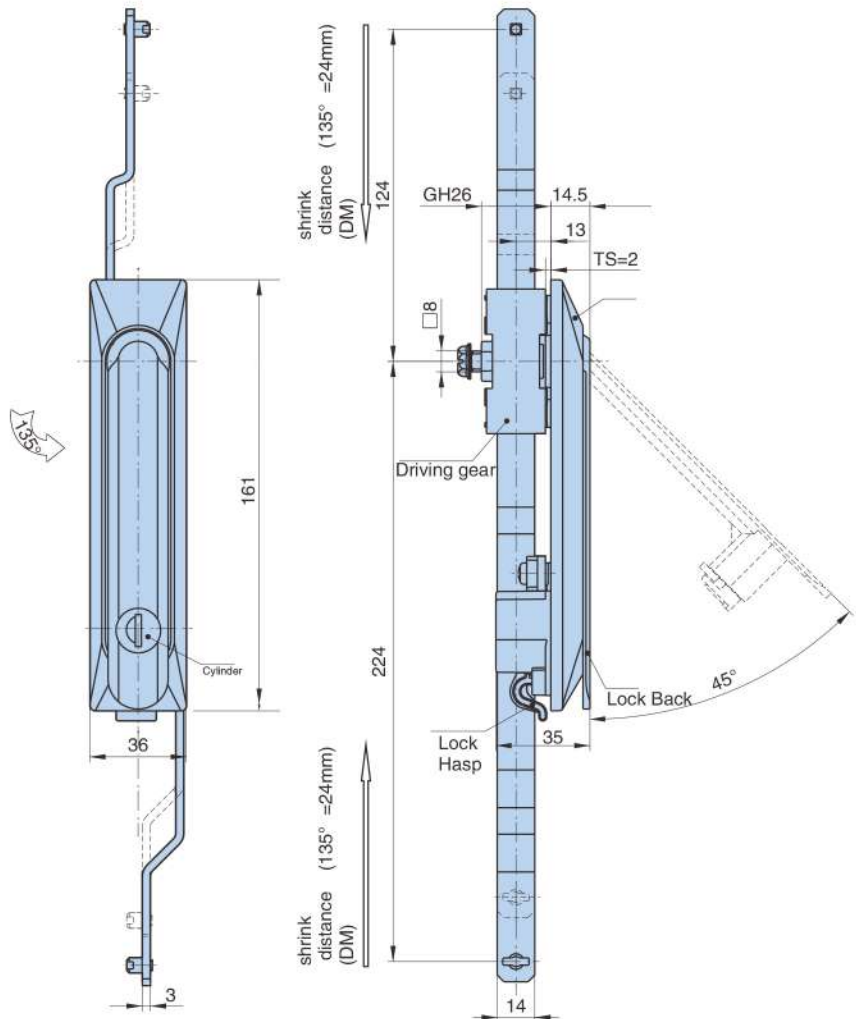
MS 103 - 3 - 1

- Material: Zinc die-casting body  
Zinc plating cam,  
sand bright chrome plating rack
- Finish : Black powder coated  
Gray chrome plating
- Panel thickness: 1~2mm

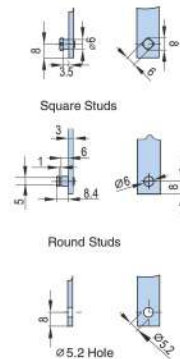
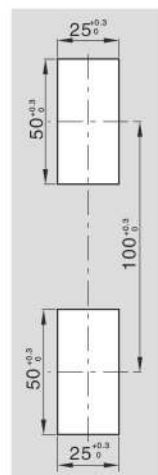


NY 1113

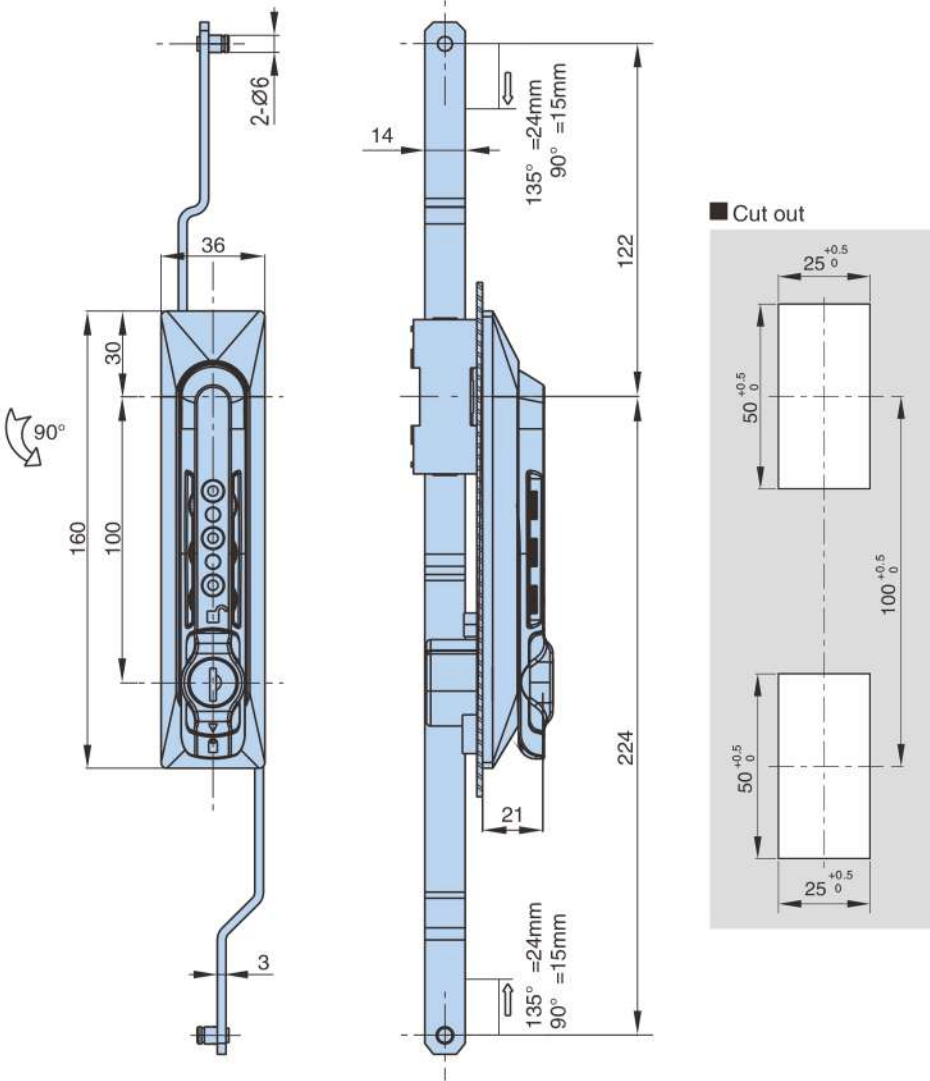
- Material: Zinc Die Casting-Handle, Shaft Rod Control Box. PA Black-Housing Steel-Control Rods
- Finish: Black Powder Coated



■ Cut out







MS 837 - 1 - 3

- Material: PA lock housing, zinc alloy lock cylinder, rod control box, sand bright chrome plating rack
- Finish: Matt black
- Panel thickness: 1 ~2mm

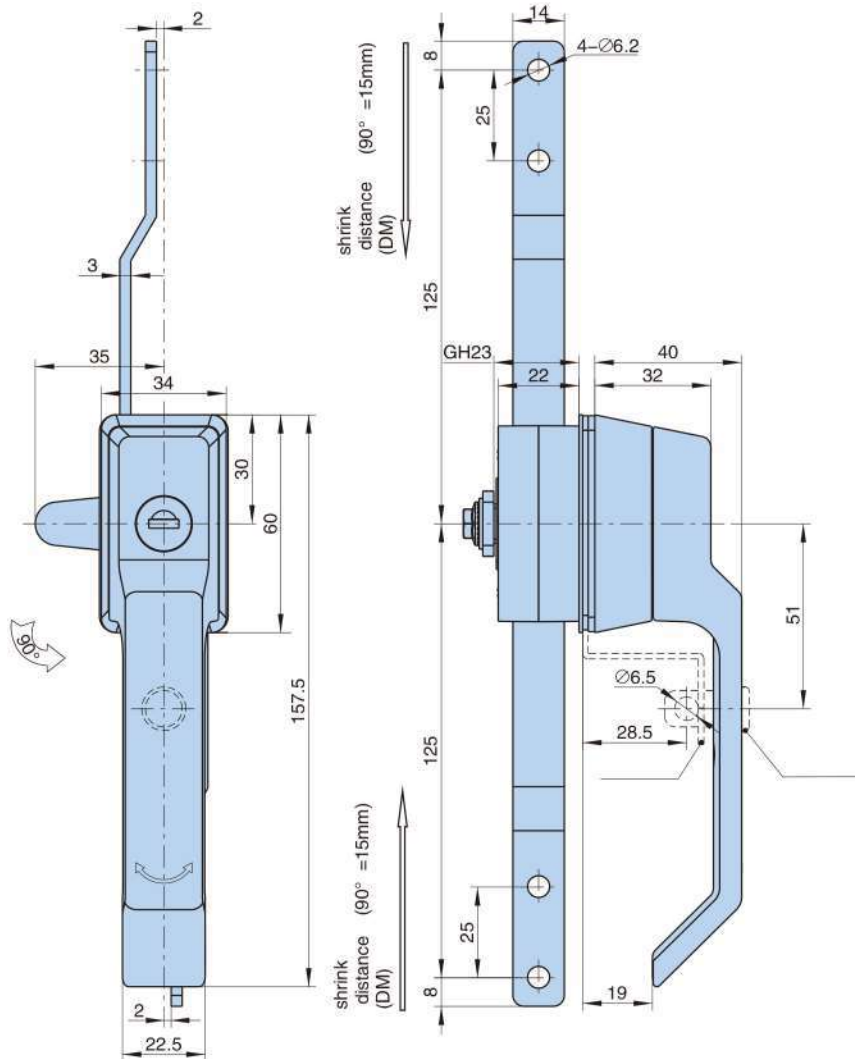
Product no.	Weight (g)	Lot
MS837-1-3		50



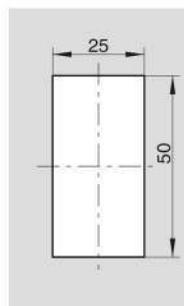
K333

## MS 3005Z - 1 - 1G

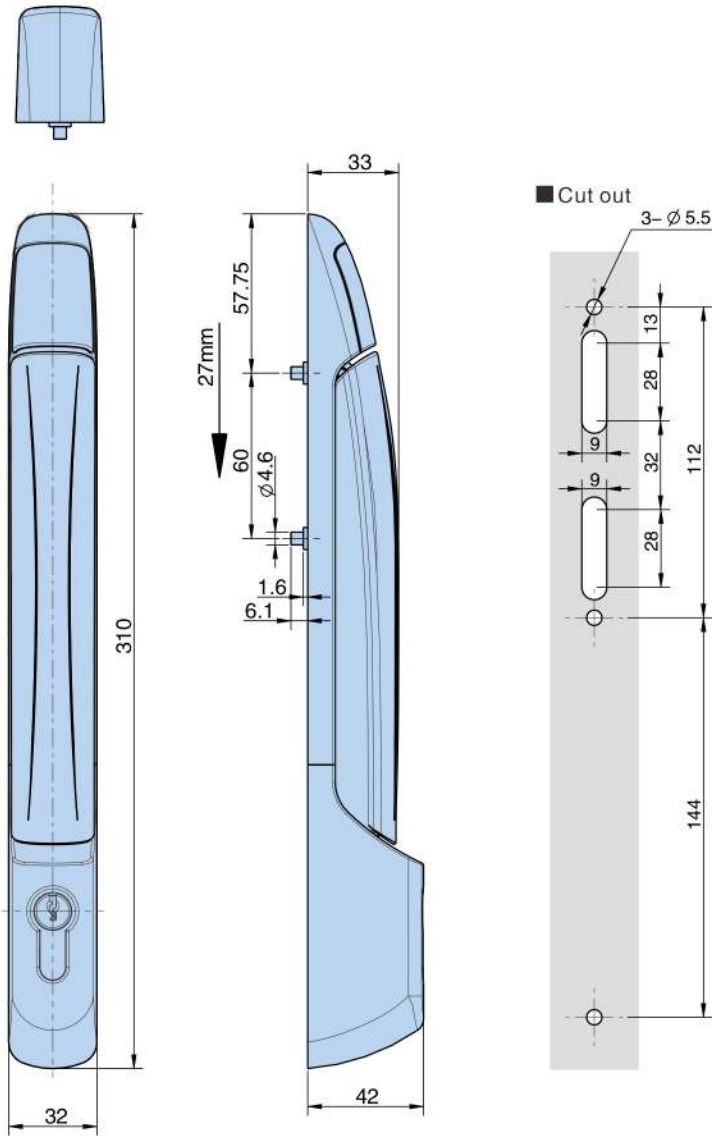
- Material: Zinc alloy body, handle, A3 cam, Nickel plating rod, Brass shaft
- Finish: Black powder coated
- Function: 90° rotation of the handle drive the gear box to lock and unlock.
- Panel thickness: Without Pad: 1-4mm
- With Pad : 1-2mm



■ Cut out



Product no.	Characteristic description	Weight (g)	Lot
MS 3005Z- 1- 1	with padlock	520	25
MS3005Z-1-1G	w/opadlock	525	25



K0100

**MS 8007Z - 1 - 1**

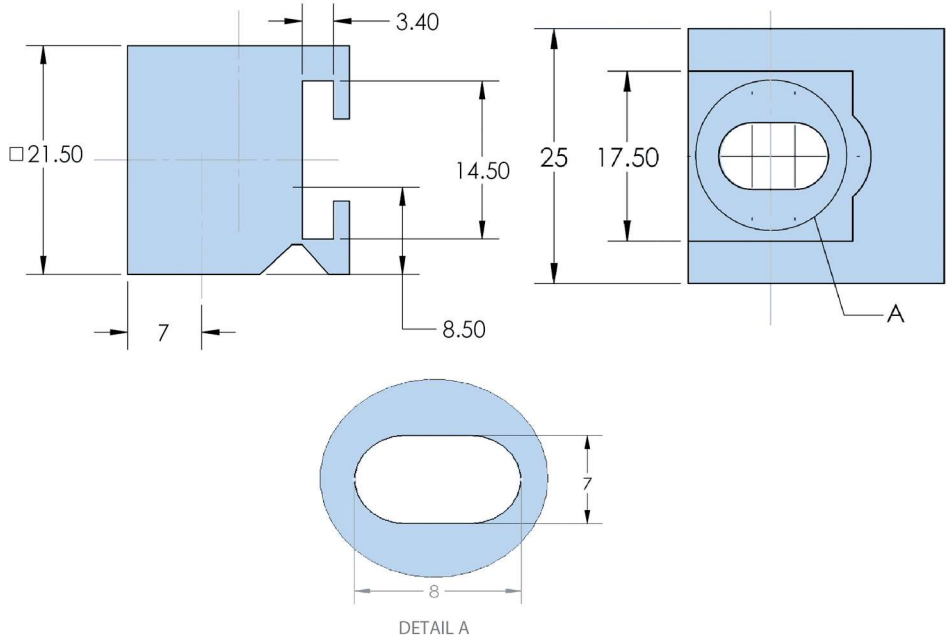
- Material: zinc die-casting body, zinc alloy lock cylinder, sliding block, connecting rod
- Finish :RAL7035Powder coated
- Note: the default K100 keys
- Structure: handle open fast, convenient installation, generalAccording to cabinet and cabinet locks telescopic stroke design their own rod

Product no.	Weight (g)	Lot
MS 8007Z- 1 - 1	853	25



SHF - 02

● Material: Polymide

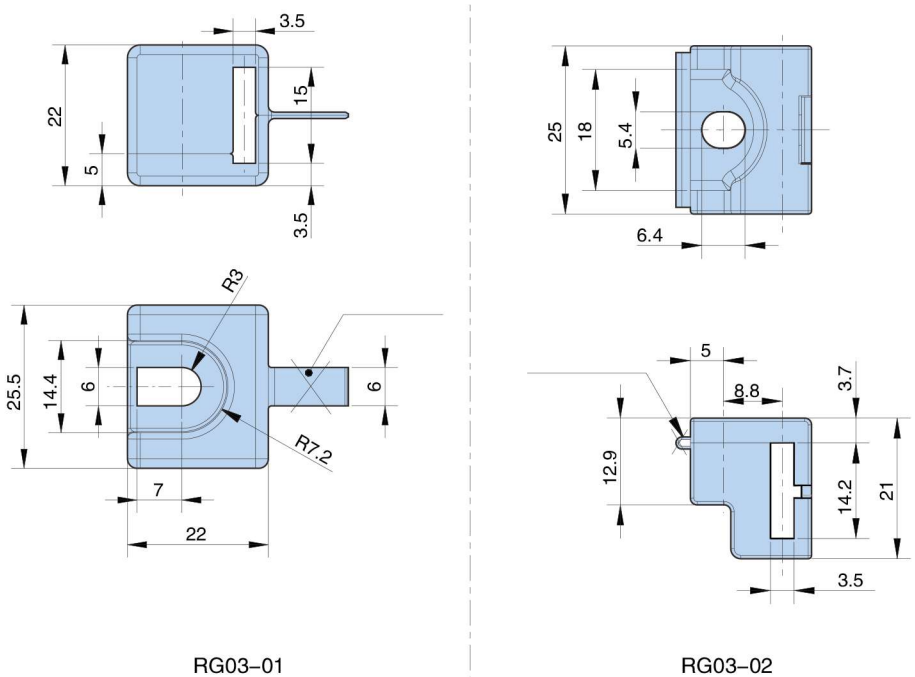


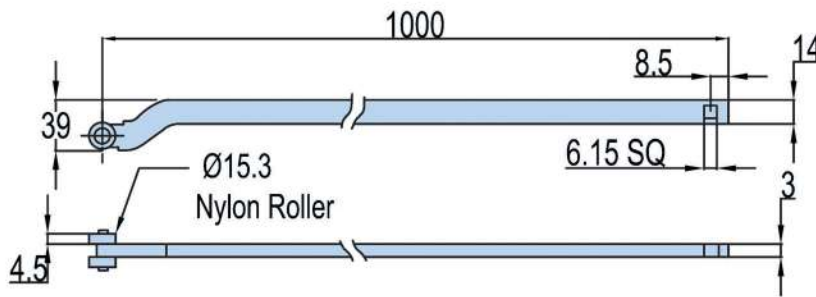
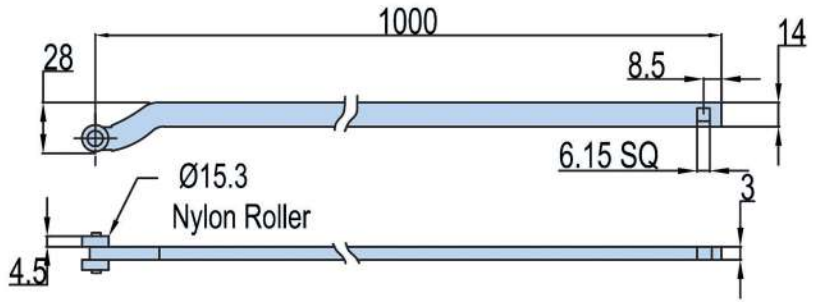
RG 03 - 1



RG 03 - 2

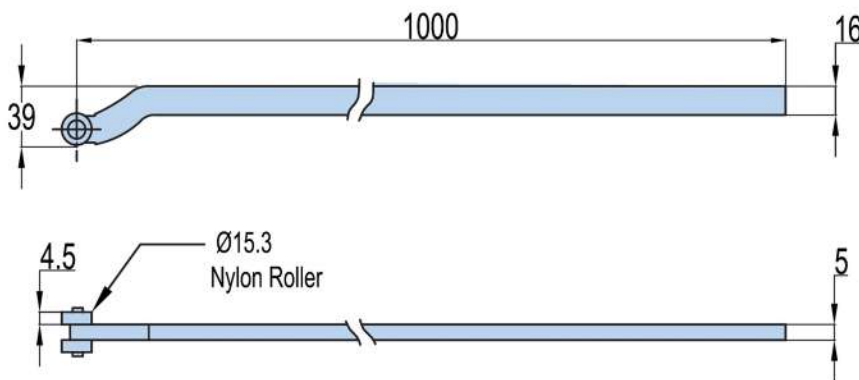
● Material: PA, black





SHF - 03

- Material: MS Rod, Nylon Rollers
- Finish: Zinc Blue Plating



**5mm in Thickness**



SHF - 03 - 1

- Material: MS Rod, Nylon Rollers
- Finish: Zinc Blue Plating

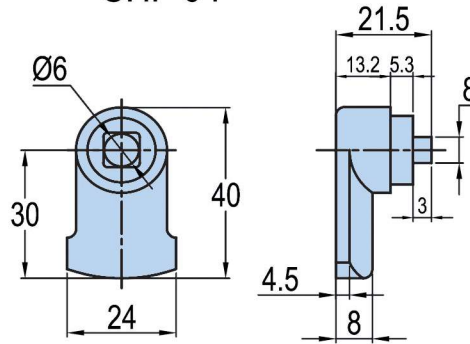


SHF - 04

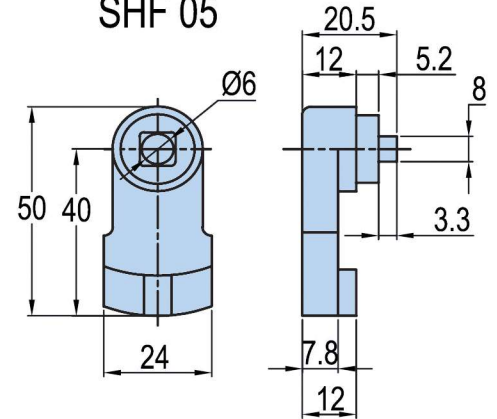


SHF - 05

SHF 04



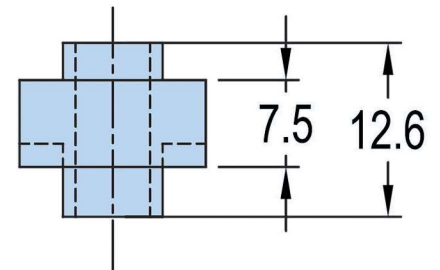
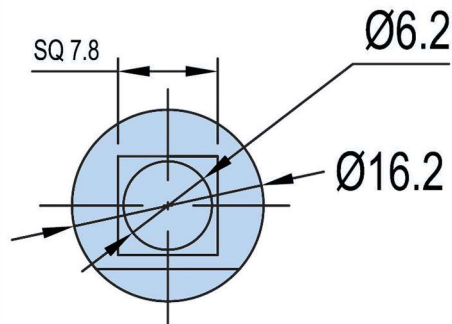
SHF 05



- Material: Zinc Die Casting-Body,
- Finish: Zinc Blue Plating/Sand Blasting

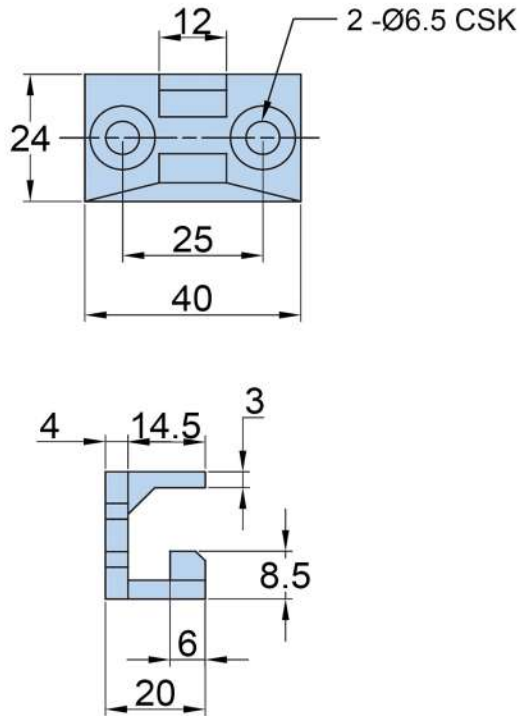


SHF - 06



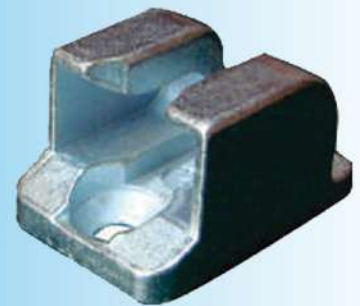
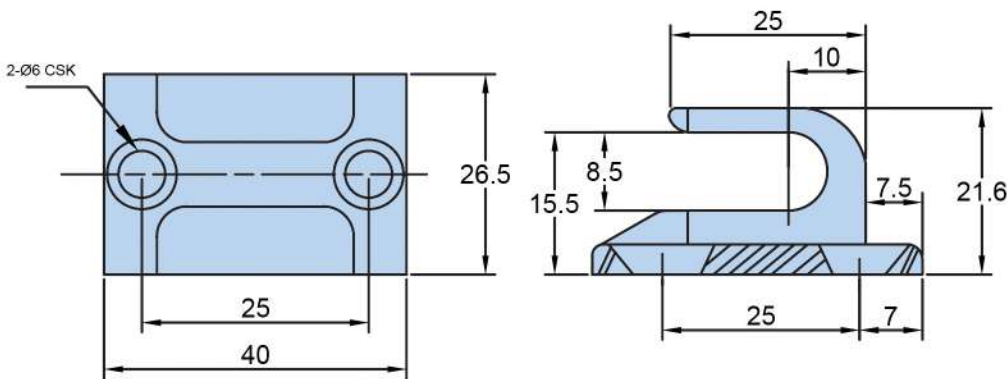
ADAPTER FOR 3 POINT LOCK

- Material: Zinc Die Casting-Body,
- Finish: Zinc Blue Plating/Sand Blasting



SHF - 08

● Material: Polymide



SHF - 09

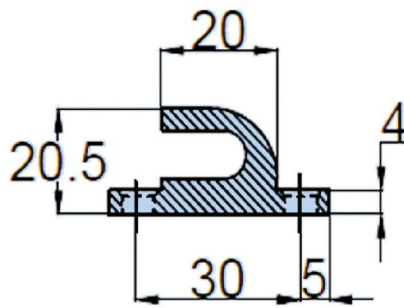
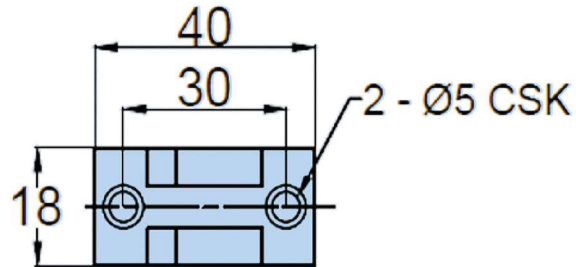
● Material: Zinc Die Casting-Body,  
● Finish: Zinc Blue Plating/Sand Blasting



SHF - 09 A

- Material: Zinc Die Casting
- Finish: Zinc Blue Plating

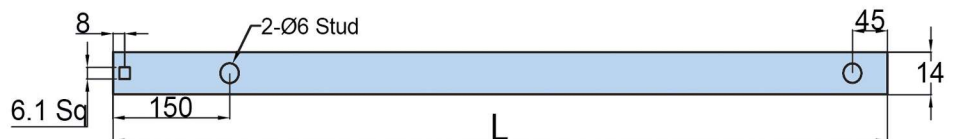
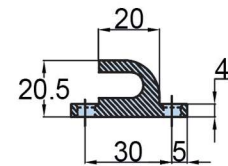
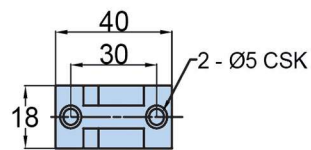
## 4 point lock Catcher



SHF - 10

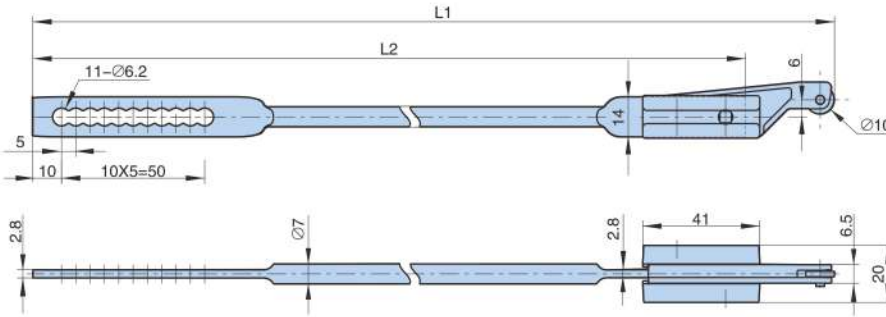
- Material: Zinc Die Casting-Catcher, Steel Flat Rod
- Finish: Zinc Blue Plating

## 4 point lock Catcher



Size available upto 1000mm on request

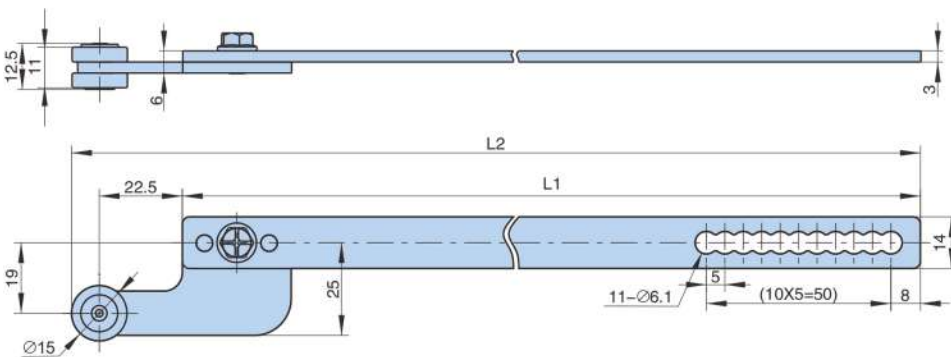




	L1	L2
LG14F-1-7x870	900	870
LG14F-1-7x876	906	876
LG14F-1-7x917	947	917



LG14F-1-7xL

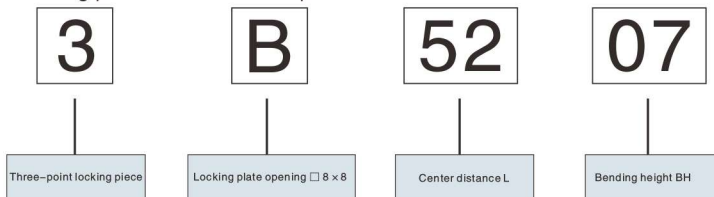


LG13F-1-3x14XL

## Lock Piece

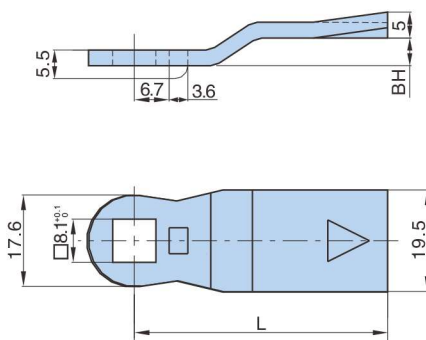


Locking plate number description:

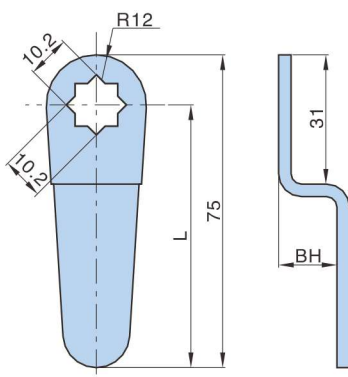
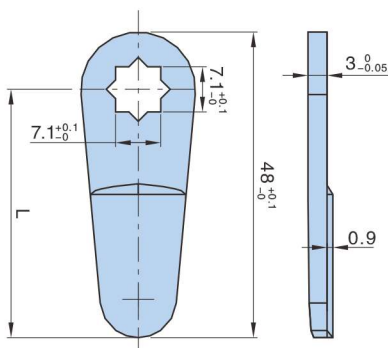


### Locking plate openings

A	□7 × 7
B	□8 × 8
C	□10 × 10
D	
M	
N	



● Remarks: This type of lock has points with and without points.

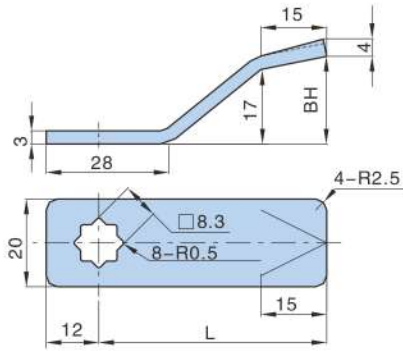


Numbering	BH	L
1B3635	35	36
1B3630	30	36
1B3925	25	39
1B3920	20	39
1B4208	8	42
1B4500	00	45
1B451.5	1.5	45
1B4504	04	45
1B4505	05	45
1B4506	06	45
1B4510	10	45
1B4512	12	45
1B4515	15	45
1B4525	25	45
1B4600	0	46
1B4707	7	47
1B4710	10	47
1B4905	05	49
1B4915	15	49
1B4925	25	49
1B5003	3	50
1B5303	3	53

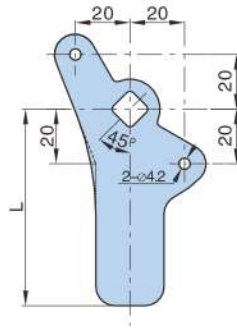
Numbering	BH	L
1AM3900	0	39
1AM3500	0	35

Numbering	BH	L
1CM4000	0	40
1CM4510	10	45
1CM6314	14	63
1CM7300	0	73

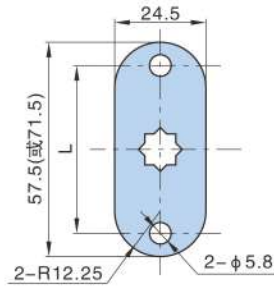
Numbering	BH	L
1CM5220	20	52
1BN5805	5	58
1BN5220	20	52
1BN5800	0	58
1BN8700	22	58



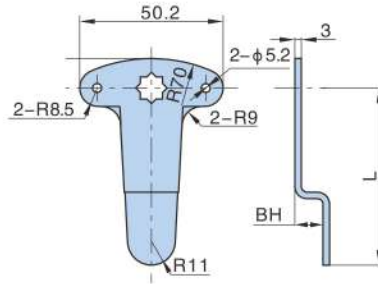
Numbering	BH	L
3BN6500	0	65
3CN7200	0	72
3CN10000	0	100
3CN14000	0	140



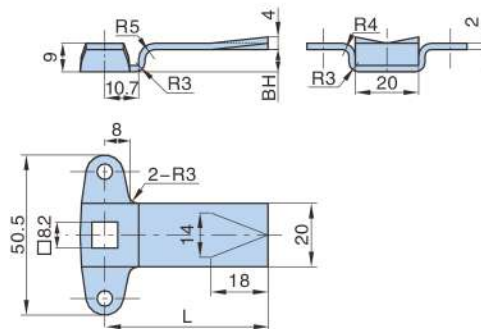
Numbering	BH	L
2BM3500	0	35
2B3800	0	38
2CM40.500	0	40.5
2CM5000	0	50
2BM4500	0	45



Numbering	BH	L
3CM50.500	0	50.5
3C6012	12	60
3CM8800	10	55
3CM8800	0	88
3CN800	0	88
3B800	0	88



Numbering	BH	L
3B44.54.5	4.5	44.5
3B4612	12	46
3B5200	00	52
3B5708	8	57
3B6012	12	60

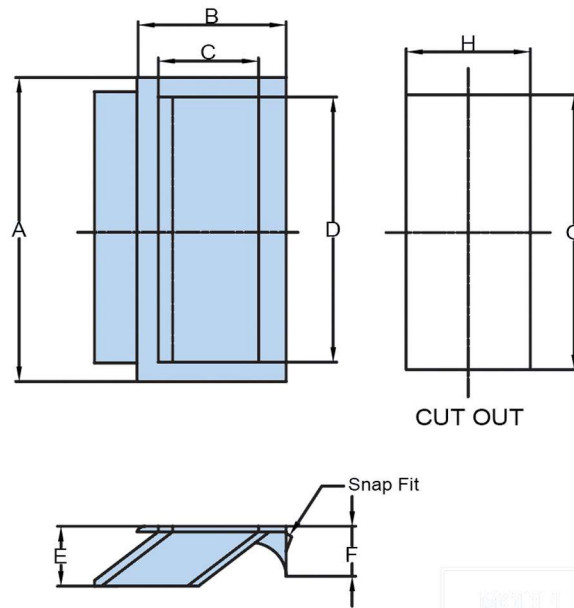


Lock Piece



OA - 03

- Material: Polymide 6-GF-30.
- Finish: Black

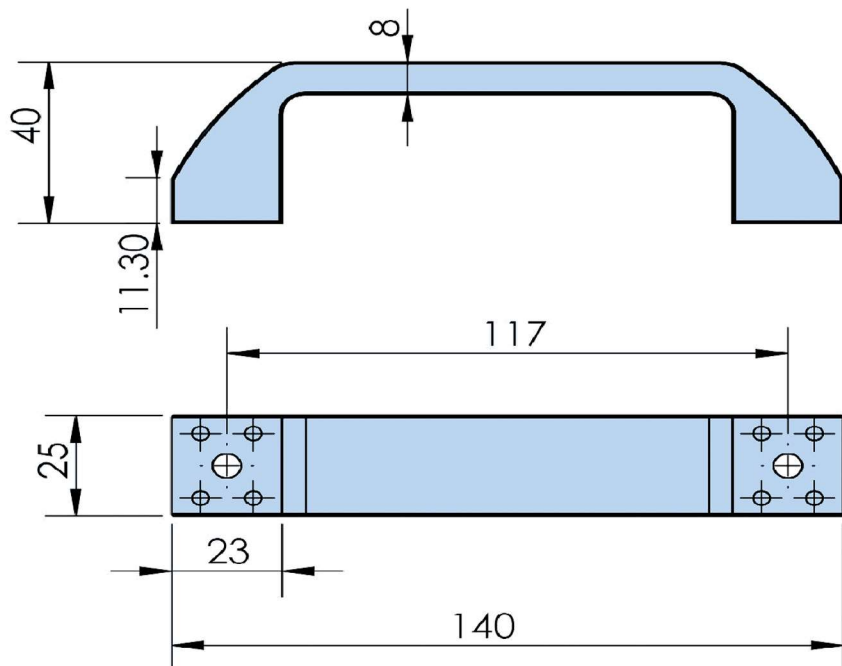


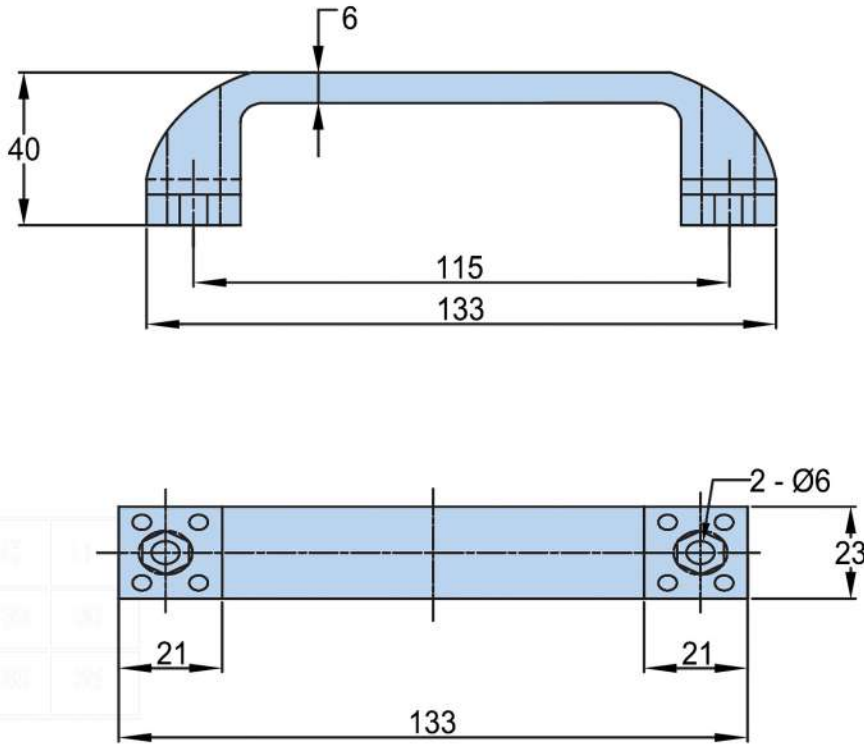
MODEL	A	B	C	D	E	F	G	H
OA 03A	111	57	30	94	28	21	99	50
OA 03	94	41	27	81	18.5	16	83	35



OA - 04

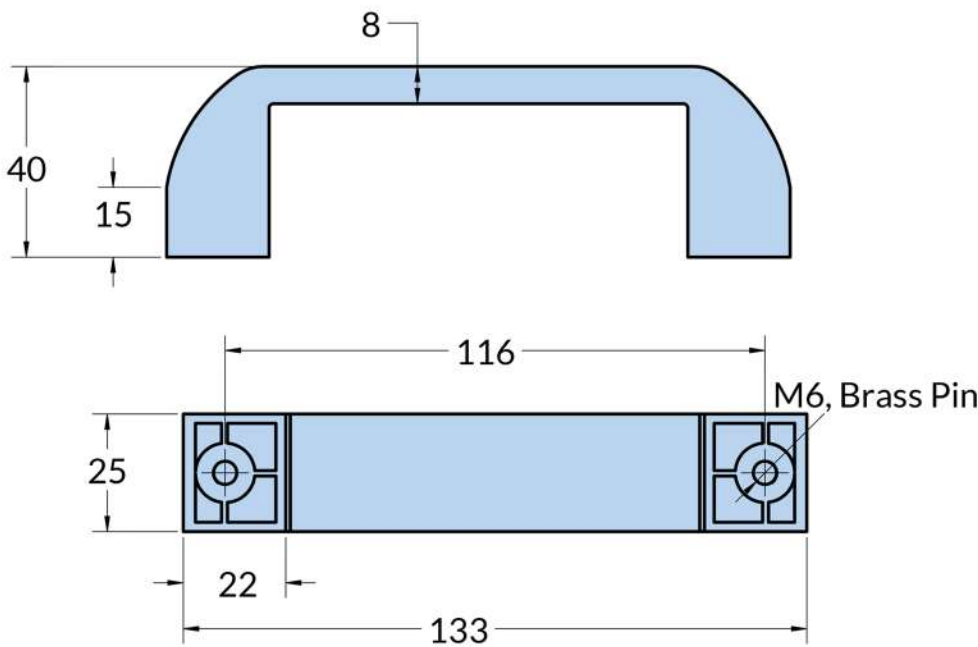
- Material: Polymide 6-GF-30.





OA - 04 A

● Material: Polymide 6-GF-30.



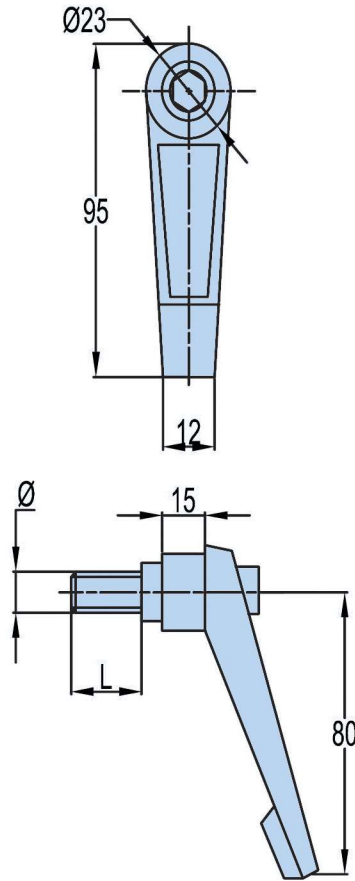
OA- 04 AB

● Material: Polymide 6-GF-30.



OA 28

- Material: Zinc Die Casting
- Finish: Black Powder Coated

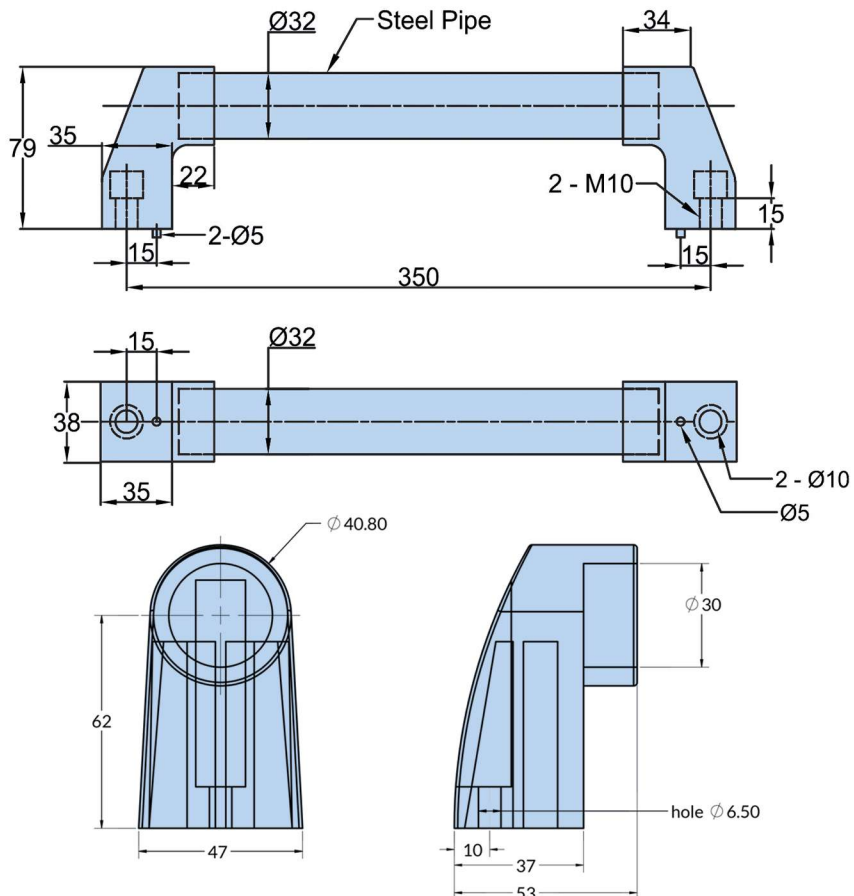


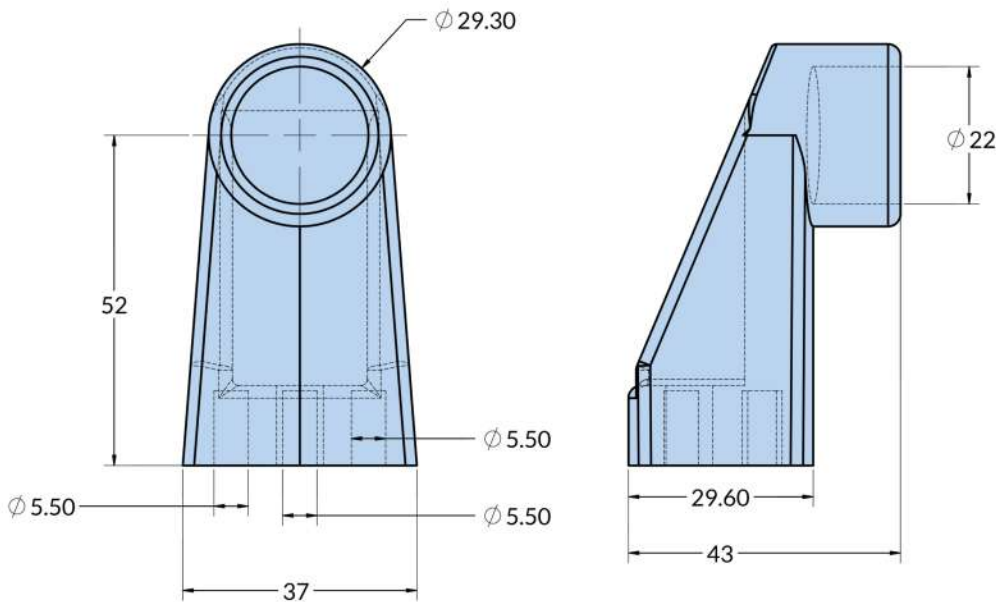
Description	R	d	L	h	H
40XM5	40	M5		9	31
40XM5X15	40	M5	15		31
40XM5X20	40	M5	20		31
40XM5X25	40	M5	25		31
40XM6	40	M6		9	31
	40	M6	15		31
	40	M6	20		31
	40	M6	25		31
	40	M6	30		31
	65	M8		1	43
	65	M8	20		43
	65	M8	25		43
	65	M8	30		43
	65	M8	35		43
	65	M8	40		43
	65	M8	50		43
	80	M10		13	53
	80	M10	20		53
	80	M10	25		53
	80	M10	30		53
	80	M10	35		53
	80	M10	40		53
	80	M10	50		53
	95	M12		16	62
	95	M12	25		62
	95	M12	30		62
	95	M12	40		62
	95	M12	50		62
	95	M12	60		62
	110	M16		22	73
	110	M16	30		73
	110	M16	40		73
	110	M16	50		73
	110	M16	60		73
	100	M16	70		73

- Material: Polymide 6-GF-30.



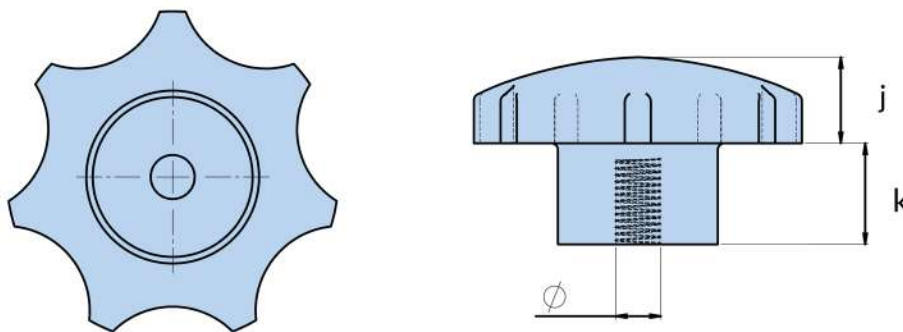
OA 29





**OA - 29 A**  
(22mm Dia pipe)

● Material: Polyamide 6-GF-30.



**OA - 31**

● Material: Polypropylene-Natural

Model	φ	j	k
OA 31A	M10	13	15
OA 31B	M8	13	15
OA 31C	M10	10.5	11.50
OA 31D	M8	13.5	12

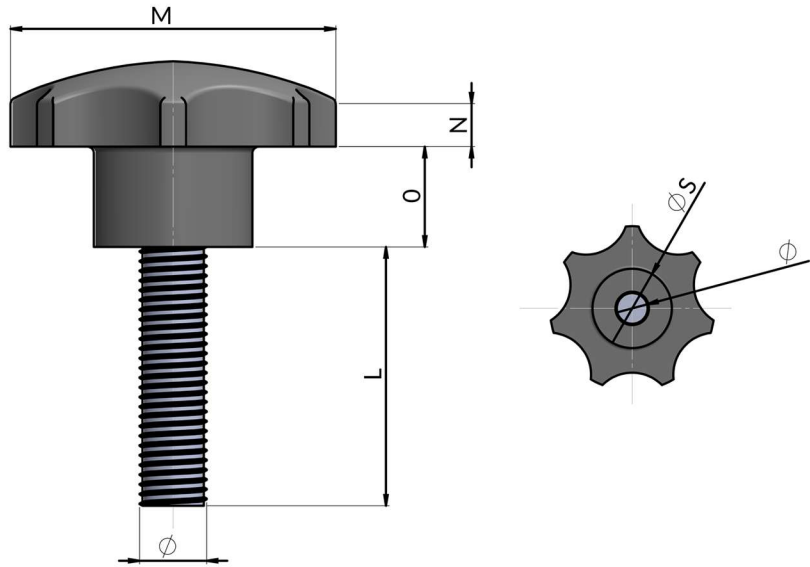


OA - 32A - 1



OA- 32A - 2

- Material: Bakelite/Plastic knobs, MS-Bolt.

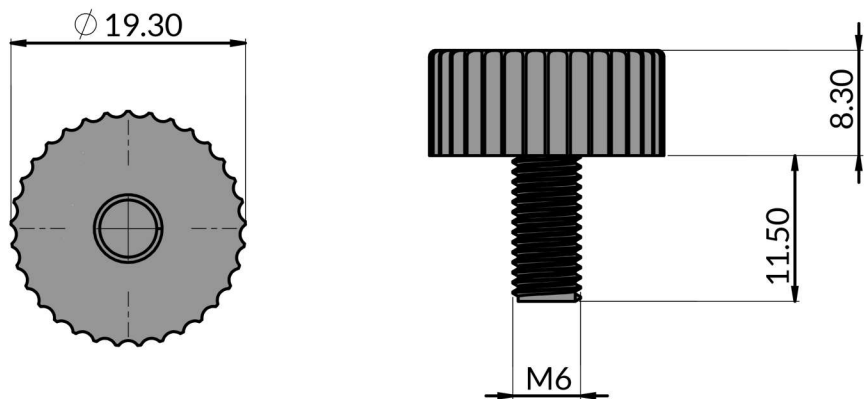


Part No	L	$\phi$	M	N	O	$\phi$ S
OA-32A-1	40	M8	31	6.8	8.5	16.5
OA-32A-2	40	M6	25	6	6	17
OA-32A-3	15	M6	37	11	13.50	17.50

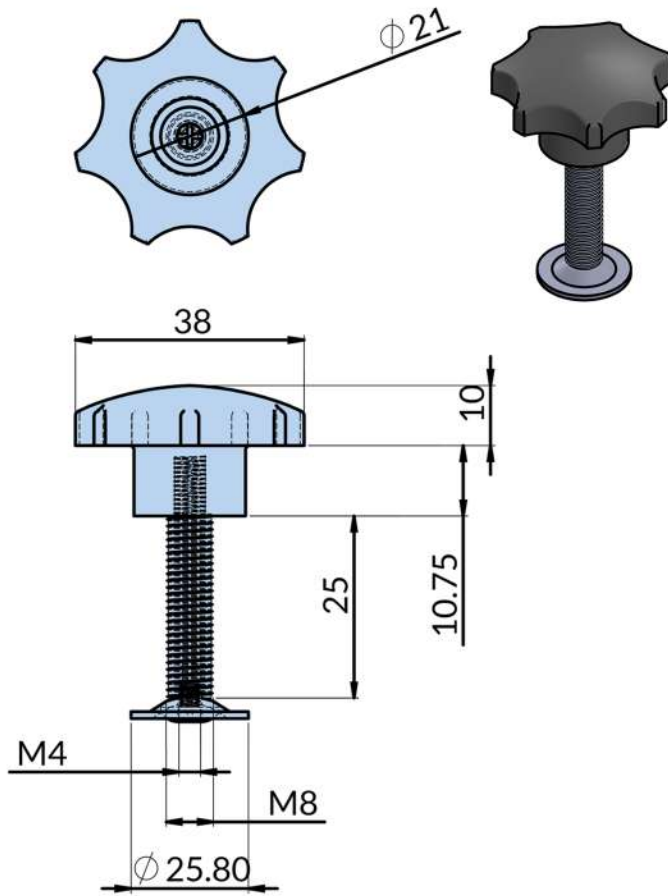


OA- 32 - 1

- Material: Bakelite/Plastic knobs, MS-Bolt.

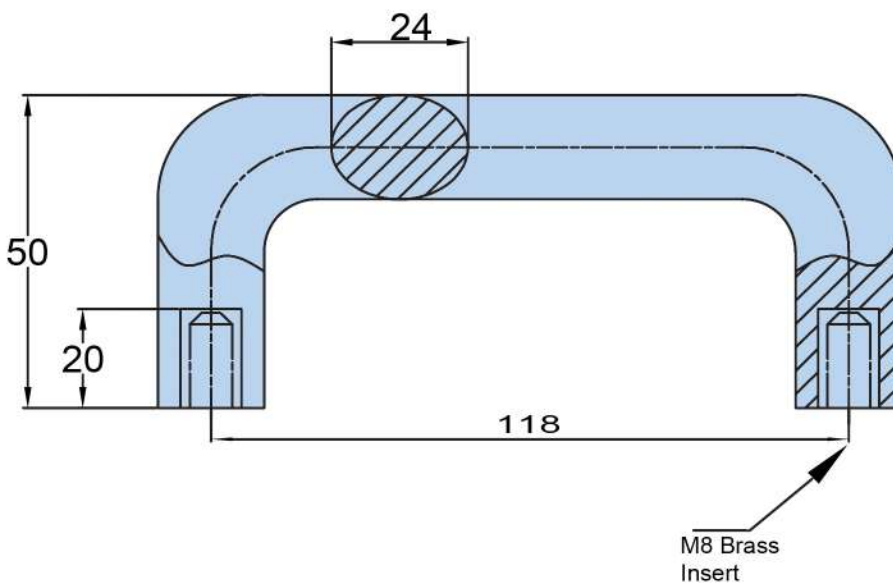






OA- 32 - 2

- Material: Bakelite/Plastic knobs, MS-Bolt.



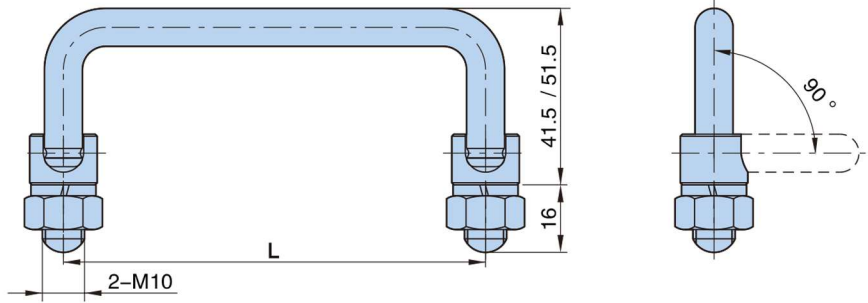
OA- 33 A

- Material: Polymide 6-GF-30. With Steel/BrassInsert.



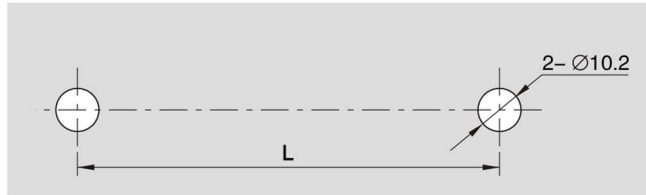
PL - 004

- Material:A3
- Finish: Bright chrome plating



Available in Stainless Steel on Request

■ Cut out

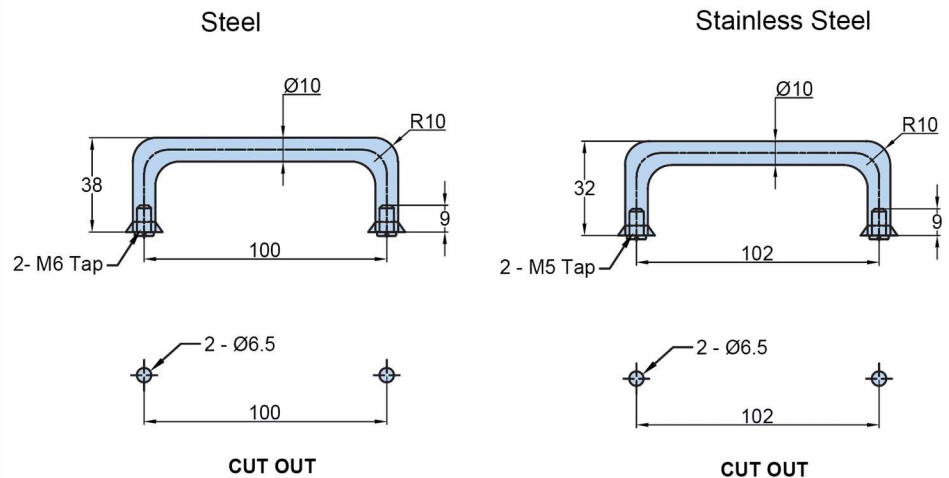


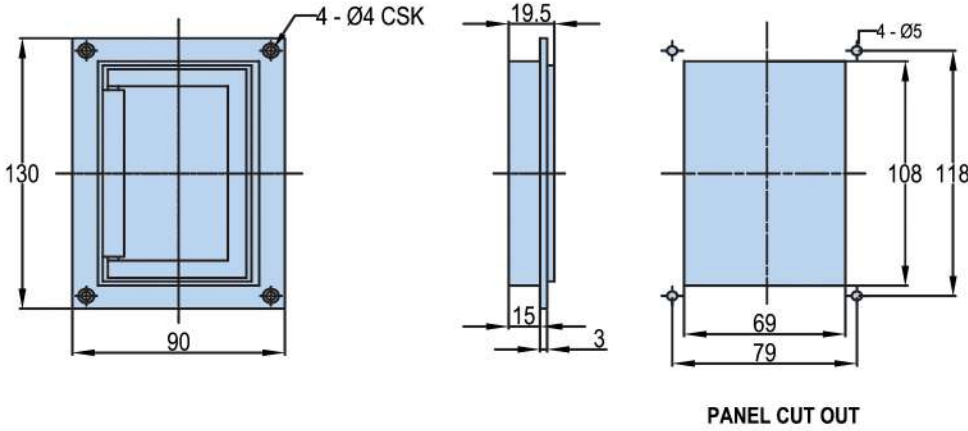
Product no.	Dimensions L	Weight (g)	Lot
PL004- 1	87	118.5	200
PL004- 2	100	129	200
PL004- 2	100	132	200
PL004- 3	119	133	200
PL004- 4	135	140	200
PL004- 5	149	147	200

Available in Stainless Steel on Request



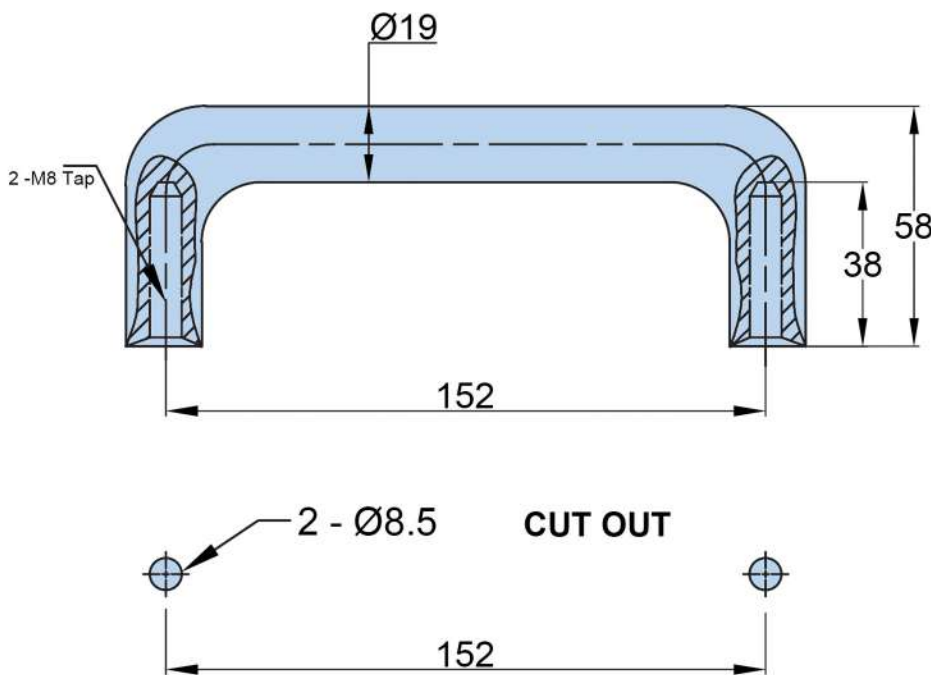
OA- 35





OA - 36 H

- Material: Zinc Die Casting
- Finish: Black Powder Coating.



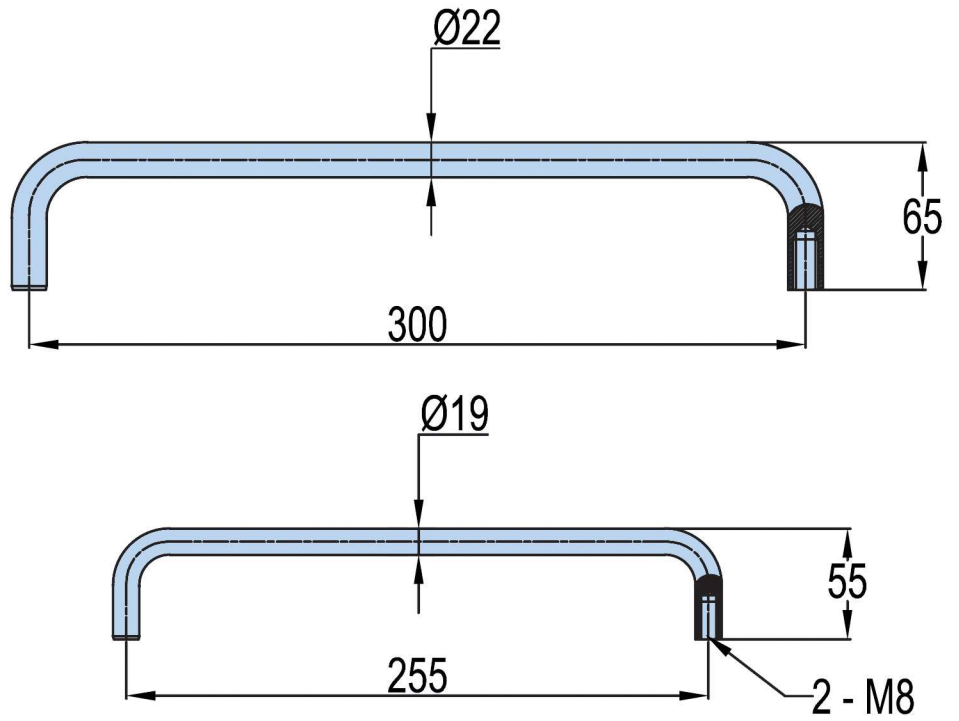
OA - 37 H

- Material: Aluminium.



OA - 38 H

- Material: Stainless Steel

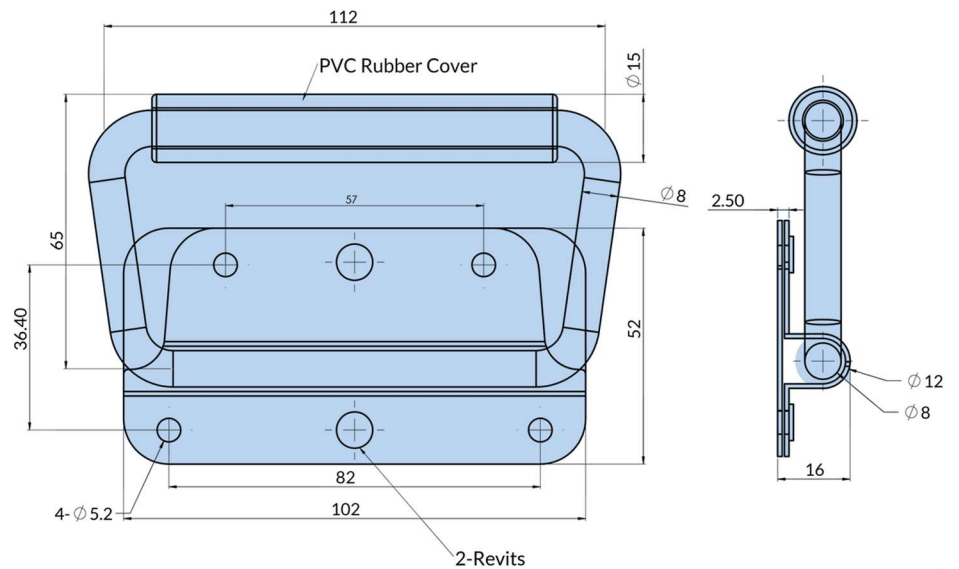


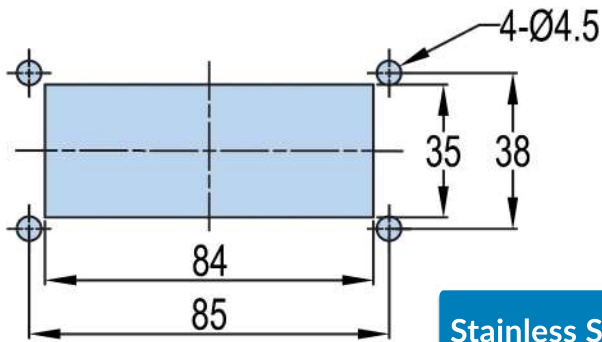
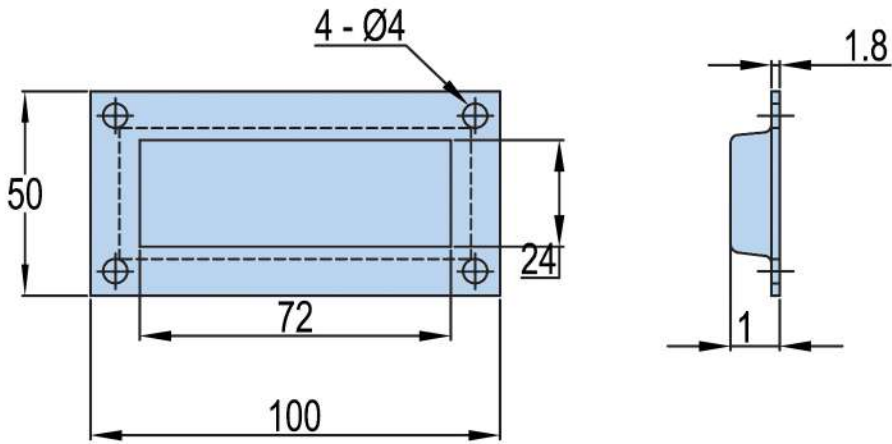
Available in Stainless Steel on Request



OA - 39 H

- Material: Steel/Stainless Steel
- Finish: Zinc Blue Plating





CUT OUT

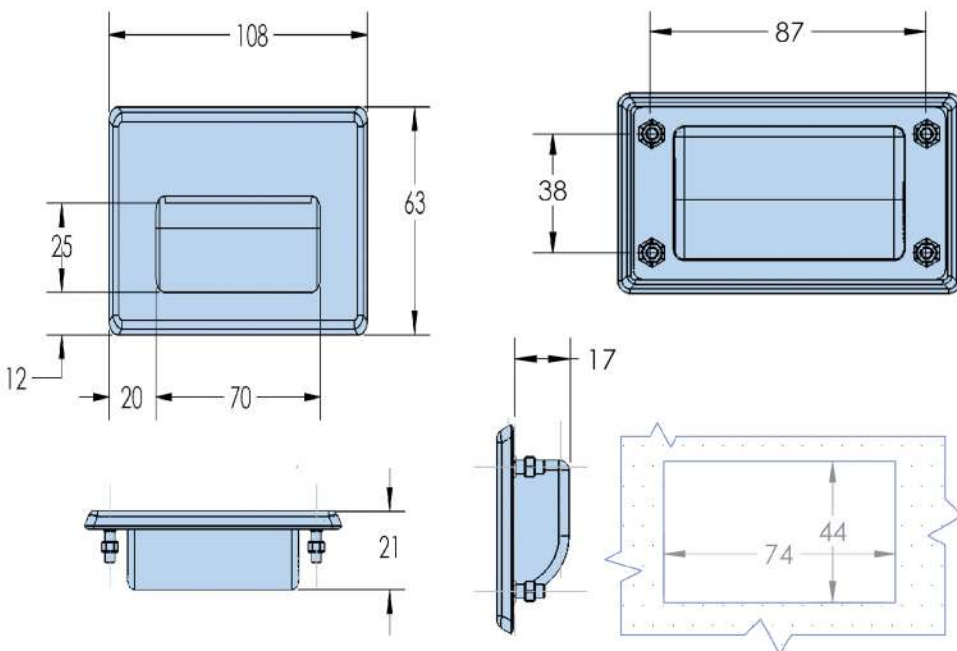
Stainless Steel 304 / 316



OA - 40 H

● Material: Stainless Steel

Stainless Steel 304 / 316



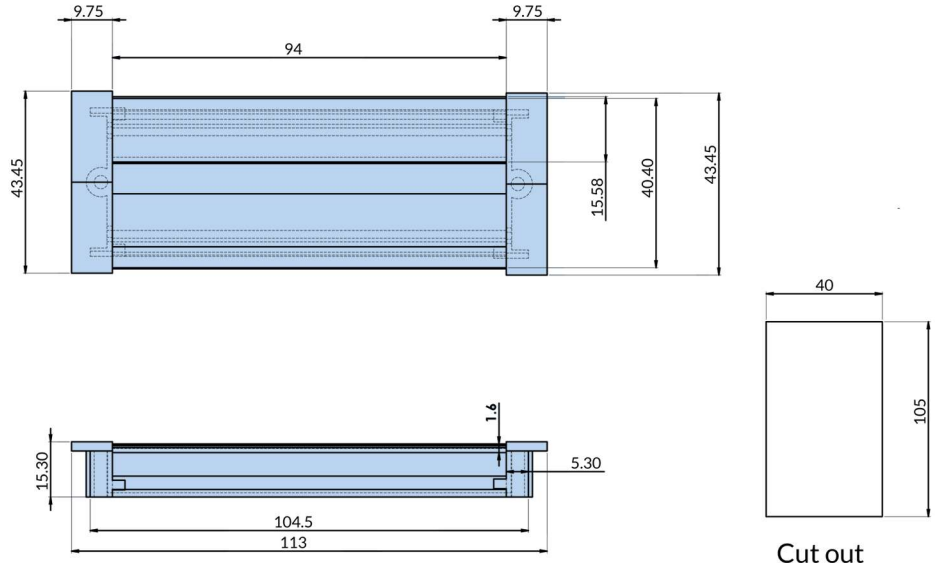
OA - 41 H

● Material: SS 304



### OA - 42 H

- Material: ABS
- Finish: Black/Grey

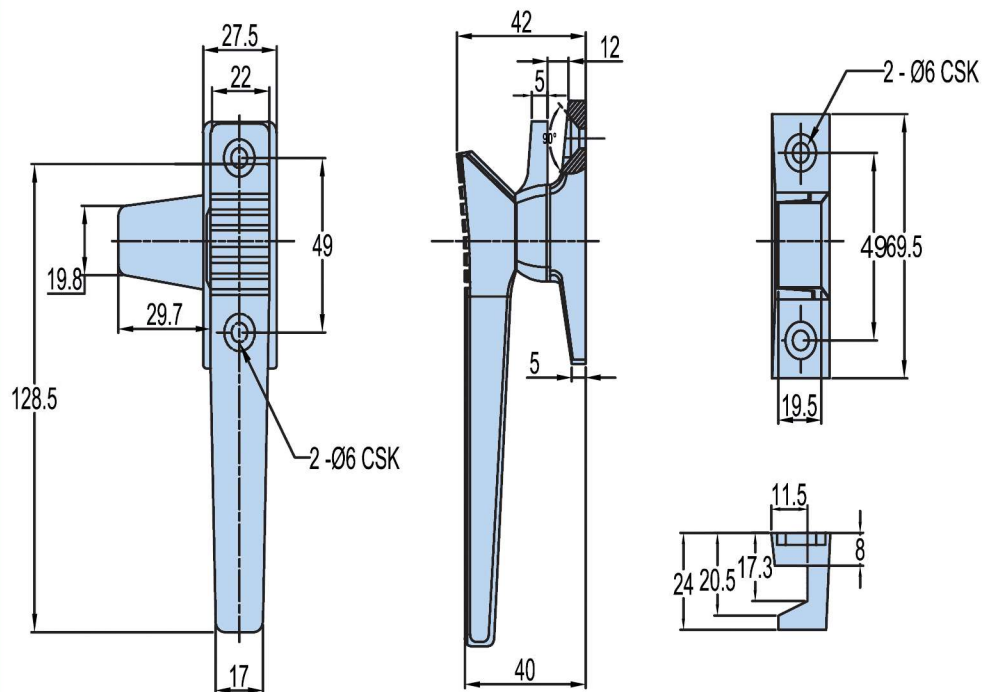


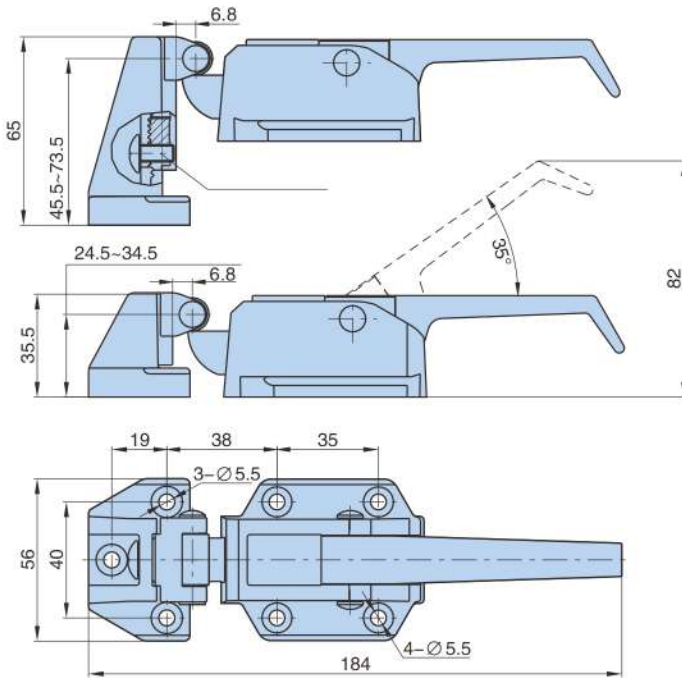
Cut out



### OA - 43 H

- Material: Zinc Die Casting
- Finish: Bright Chrome





Product no.	Weight (g)	Lot
PL021	319.5	40
PL021- 1K	202	100
PL021- 2K	132	100

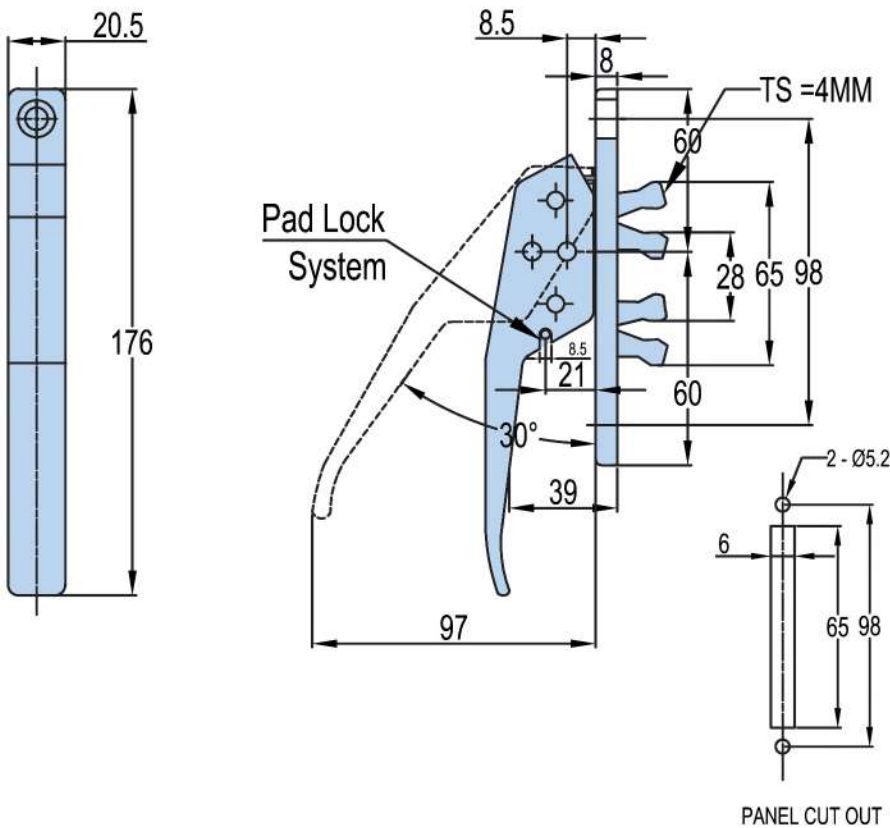


PL021 - 1K    PL021 - 2K



PL021

- Material: Zinc Die Casting
- Finish: Black Powder Coated

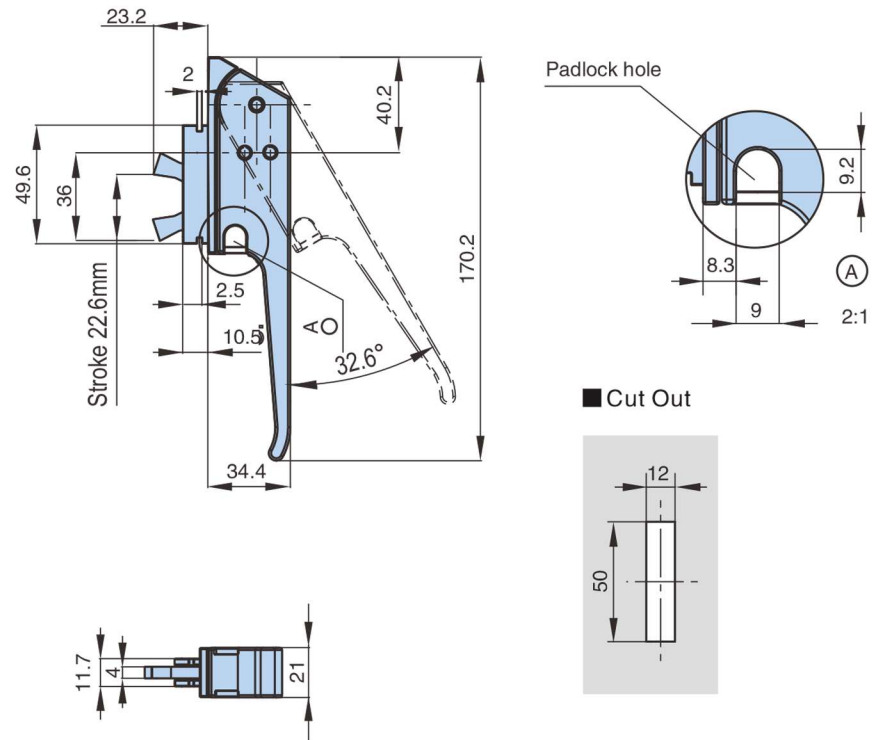


OA - 45 H

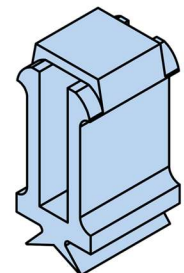
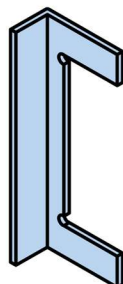
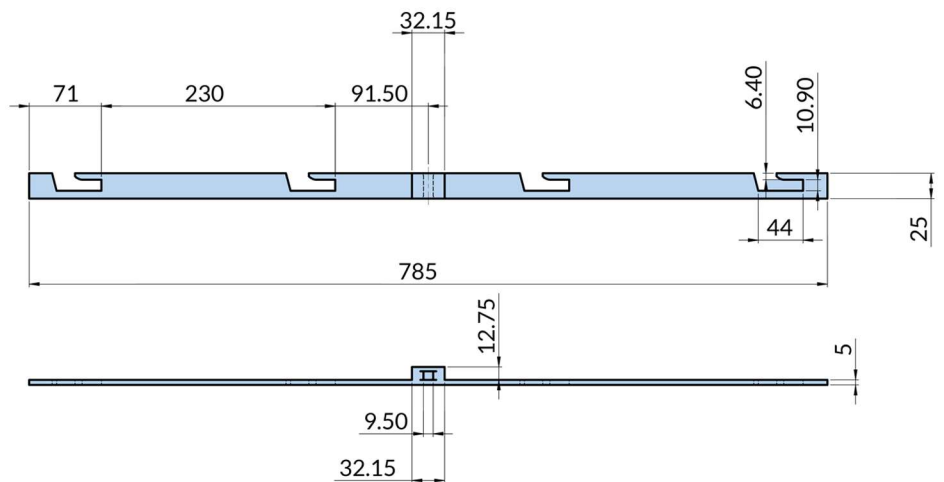
- Material: Aluminum
- Finish: Black Powder Coating.



PL043 - 1

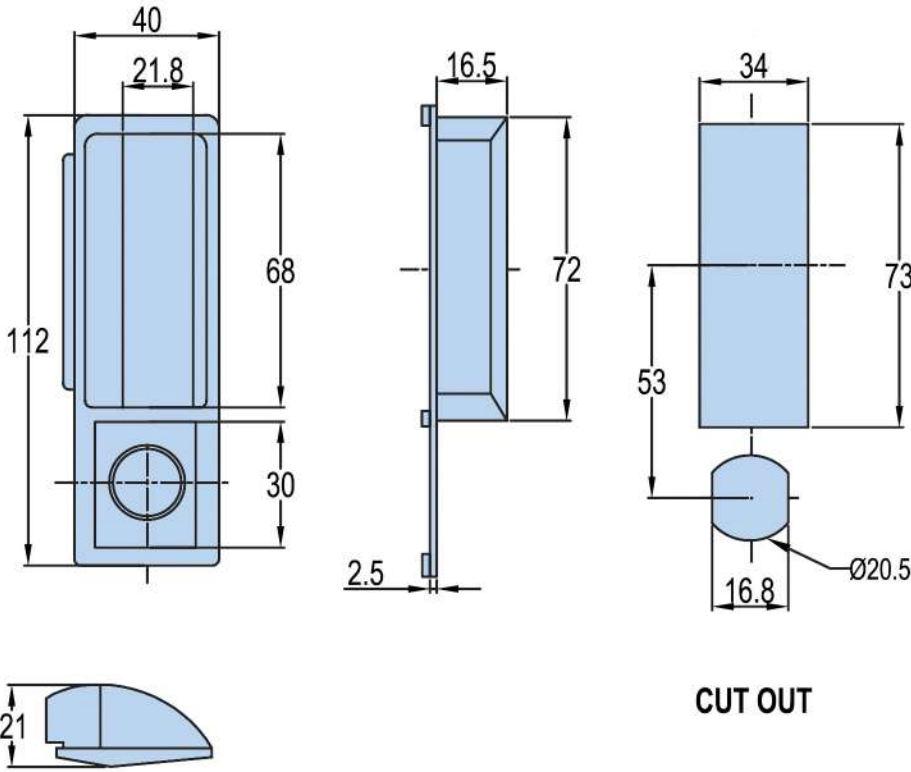


## Rods and Accessories



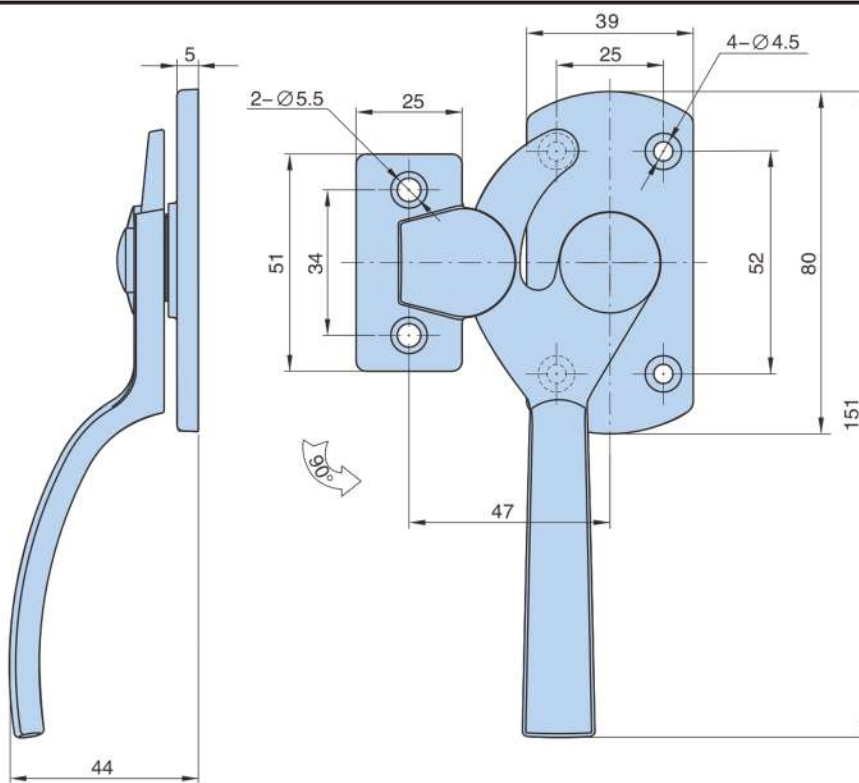
- Material: Zinc die-casting body, steel fixing parts and pin
- Structure: handle, locked by rod. Adjustable 22.6mm,
- Panel thickness: 1~2.5mm





PL - 009 - 1

- Material: ABS
- Finish: Black / Grey



PL029-2R      PL029-2L

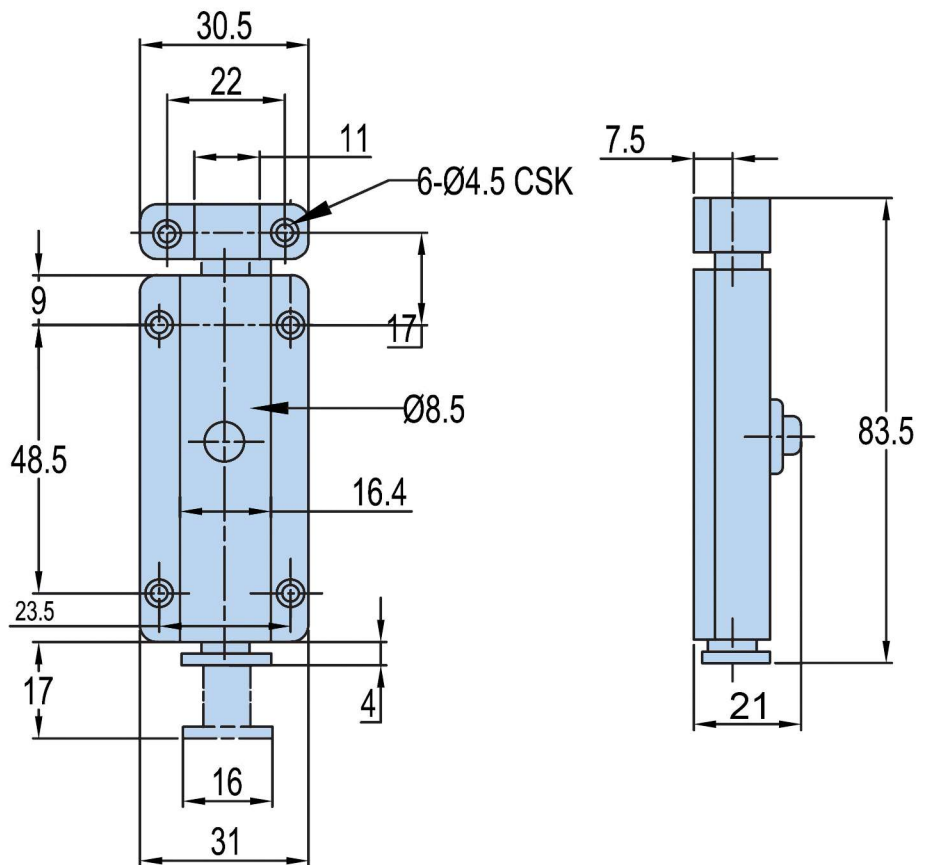
- material: zinc alloy
- Finish: bright chrome plating

Product no.	Weight (g)	Lot
PL029-2L	224	50
PL029-2R		



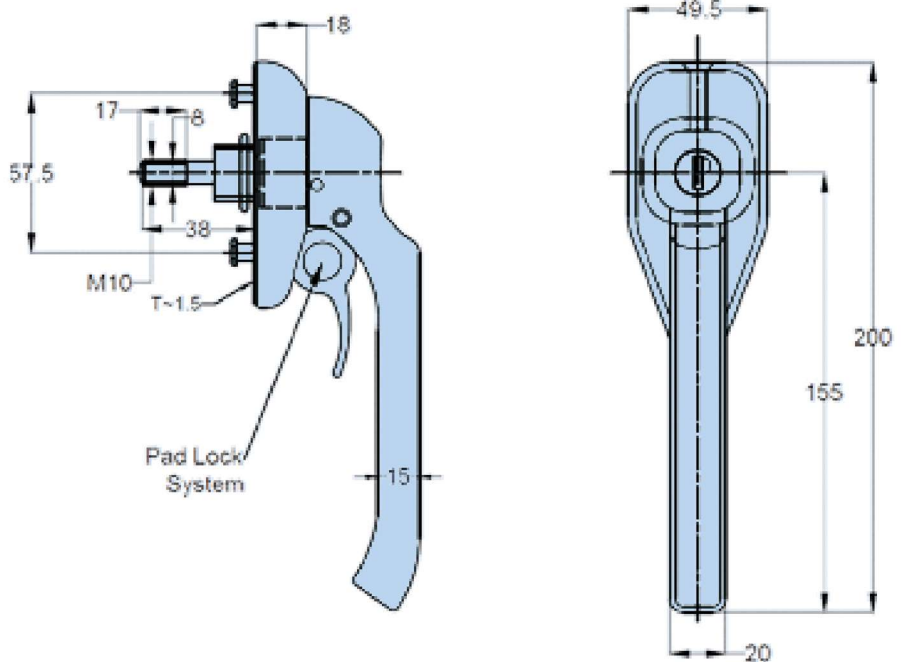
MX - 01

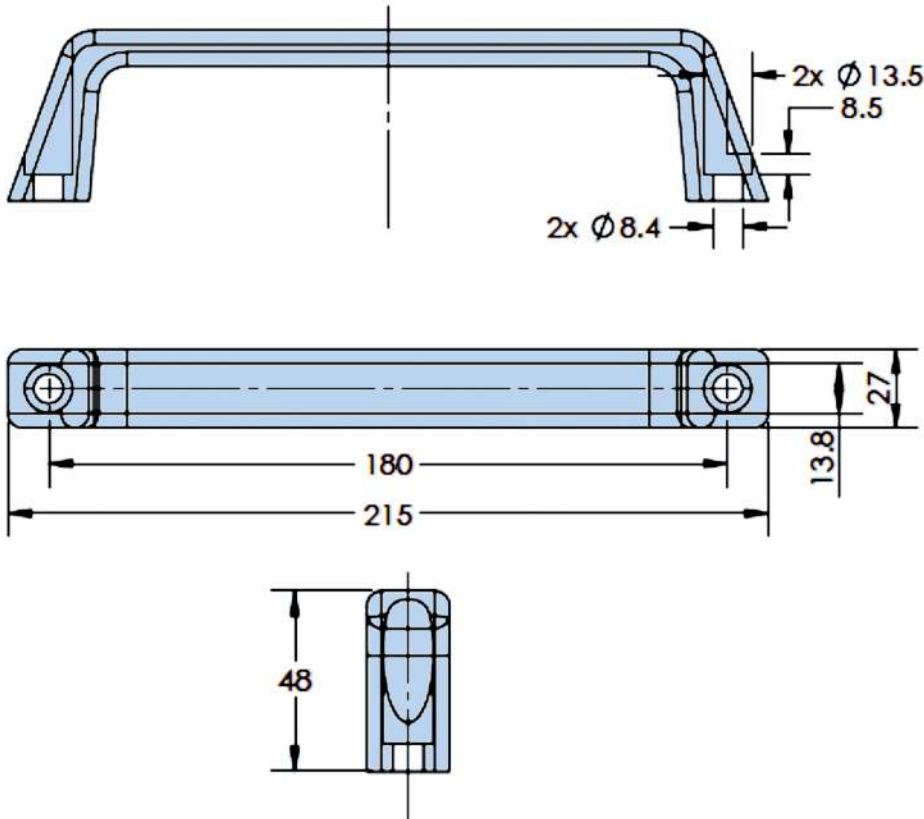
- Material: Zinc Die Casting
- Finish: Chrome Plating



NY 1323

- Material: Zinc Die Casting
- Finish: Black Chrome Plating

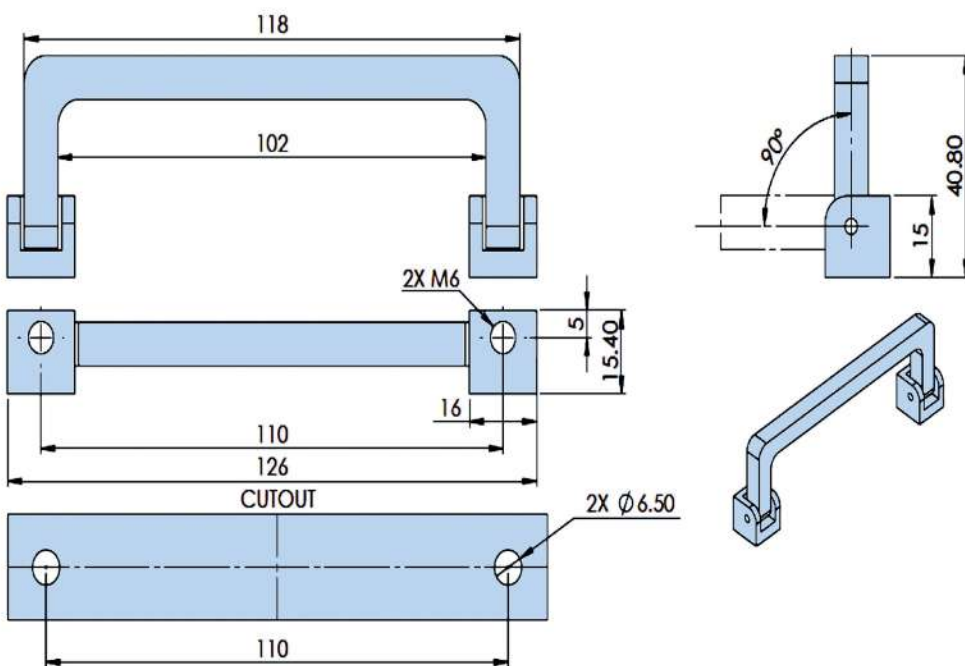




PL - 038

- Material: Aluminium Alloy
- Finish: Black Powder Coating

**Foldable Handle**



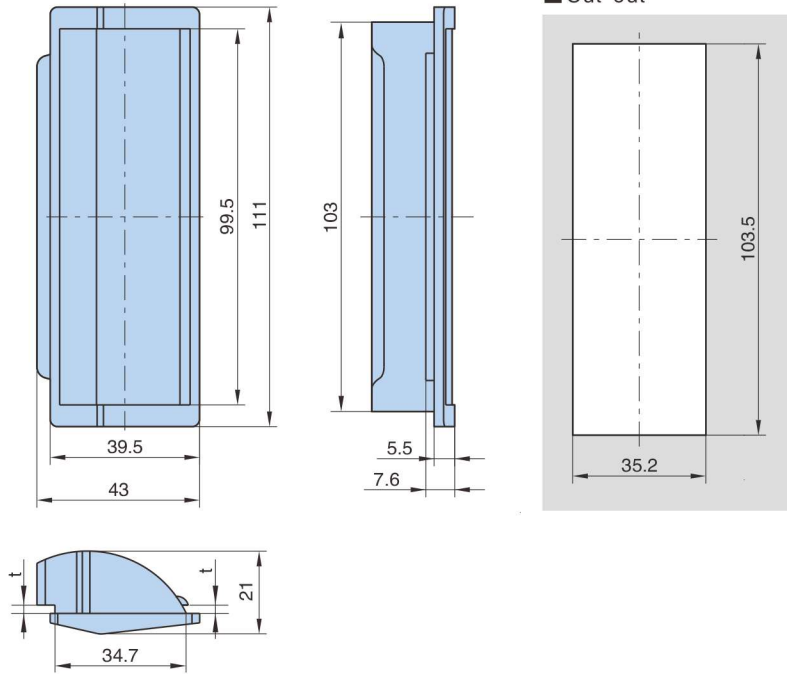
PL - 039

- Material: Zinc Die Casting
- Finish: Pocked Chrome Plating



PL - 012

- Material:ABS
- Finish:Black, gray
- Panel thickness:2mm,1.5mm, 1.2mm

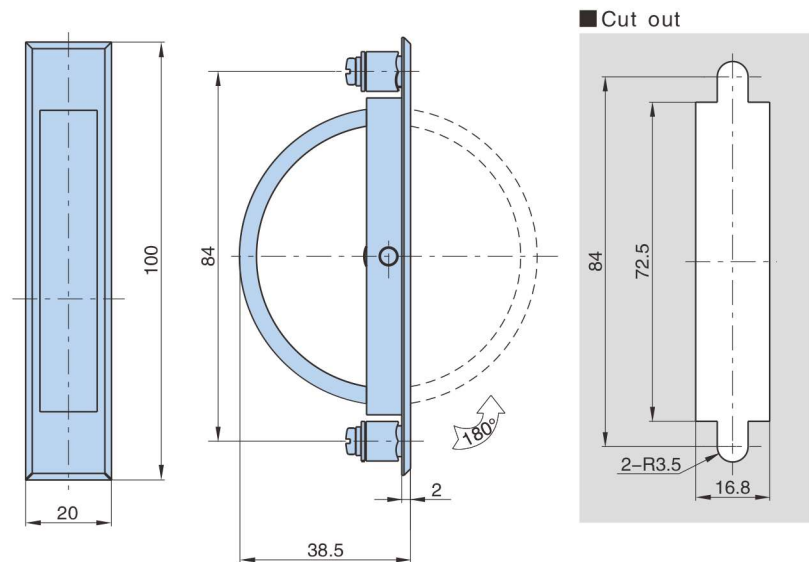


Product no.	Dimensions (t)			Weight (g)	Lot
PL012	2	1.5	1.2	19	400

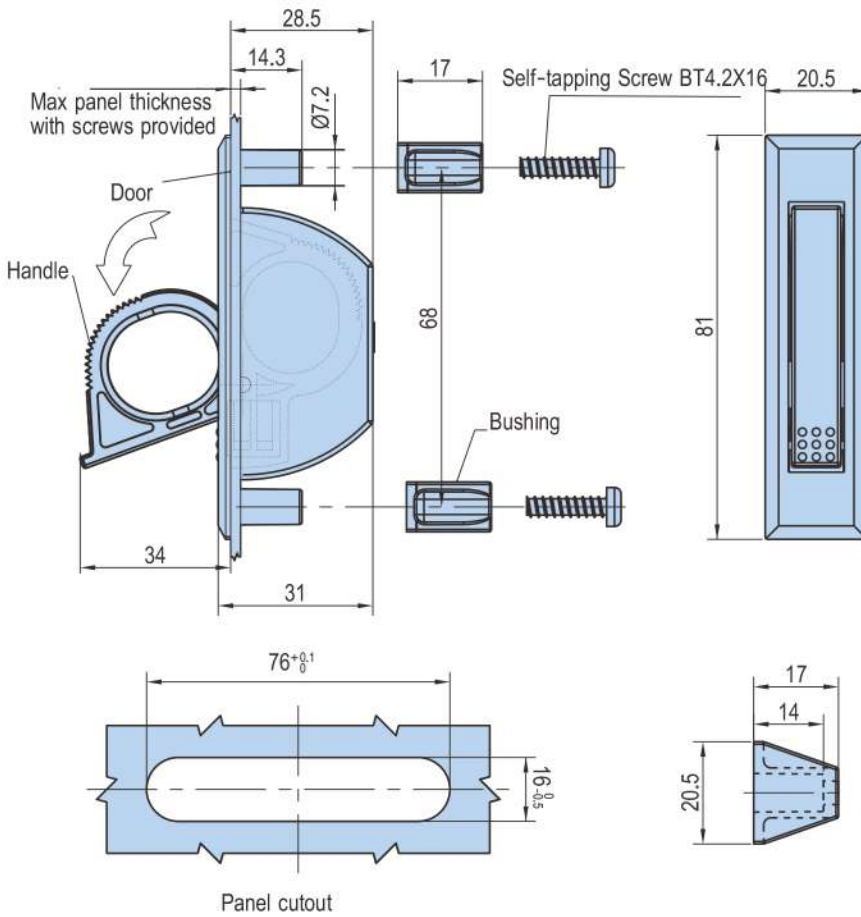


PL - 005

- Material: zinc die-casting
- Finish: Gray chrome plating  
Bright chrome plating  
Black powder coated

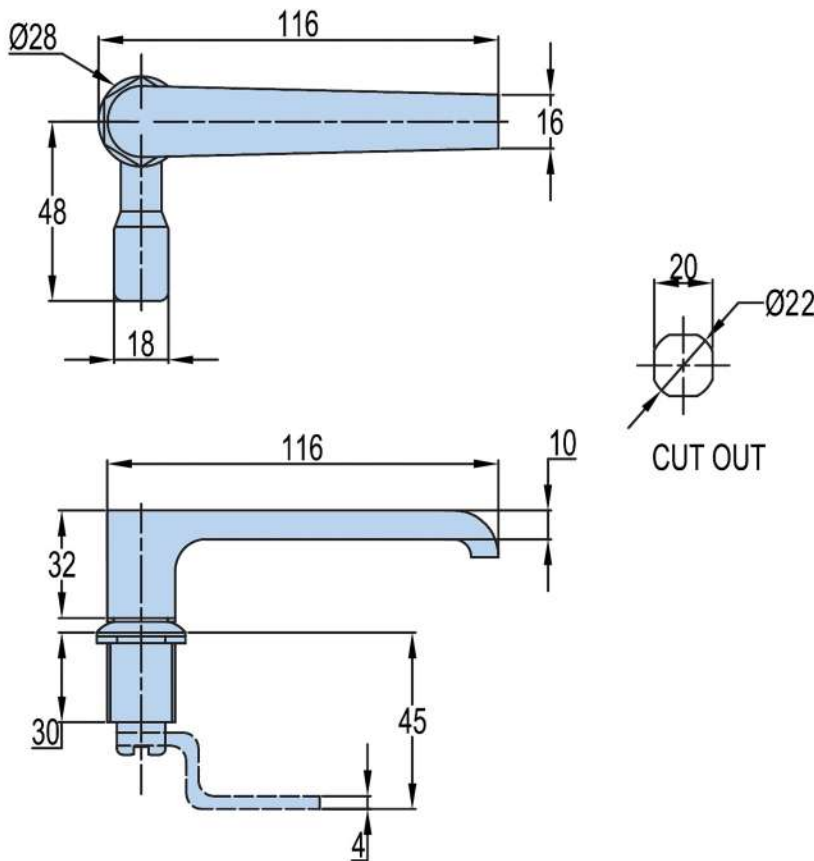


Product no.	Weight (g)	Lot
PL005	90	200



PL - 005 - 2

- Material: PA
- Finish: black sand grain surface.
- Panel thickness: 1~6mm



OA - 17

- Material: Zinc Die Casting, Steel Cam-Blue Plating
- Finish: Black Powder Coating-Handle

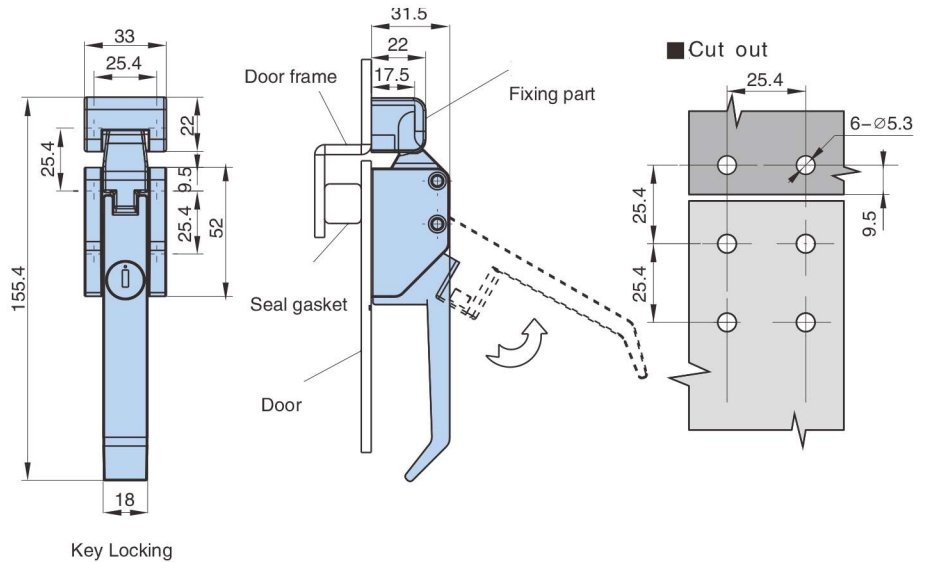


PL 021 - 3 - 1



PL 021 - 3 - 2

- Material: Zinc die-casting
- Finish: Bright chrome plating

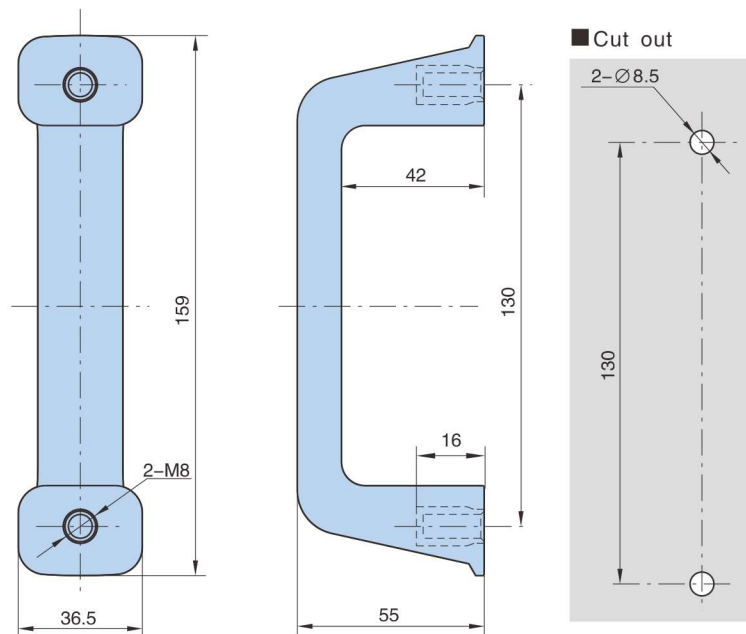


Product no.	Insert types	Weight (g)	Lot
PL 021 - 3 - 1	CH751 Locking		
PL 021 - 3 - 2	Non-locking		

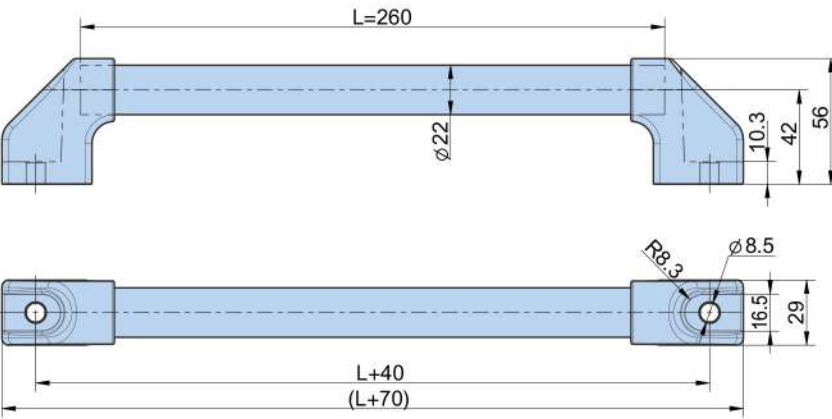


PL 026

- Material: ABS
- Finish: black



Product no.	Weight (g)	Lot
PL026	113	400

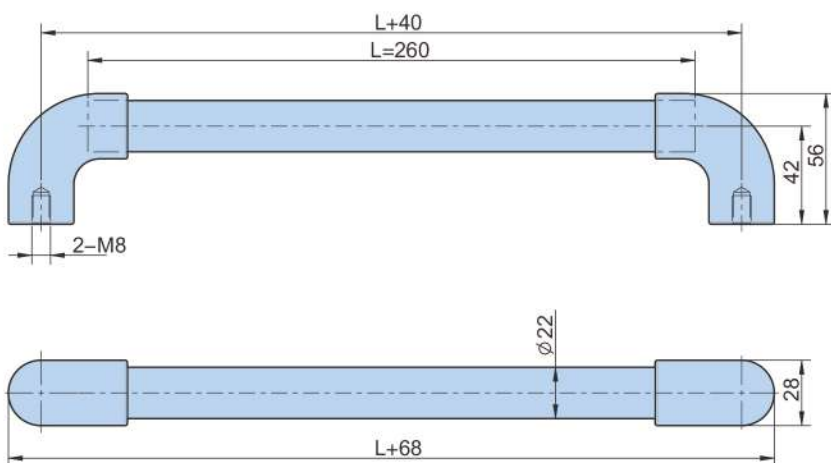


NEW



PL 041 - 1

- Material: PA6 copper insert handle, 6030 aluminum tube
- Finish: coarse fire pattern black handle anodized matte black aluminum tube
- Panel thickness: 1~10mm.



NEW



PL 041 - 2

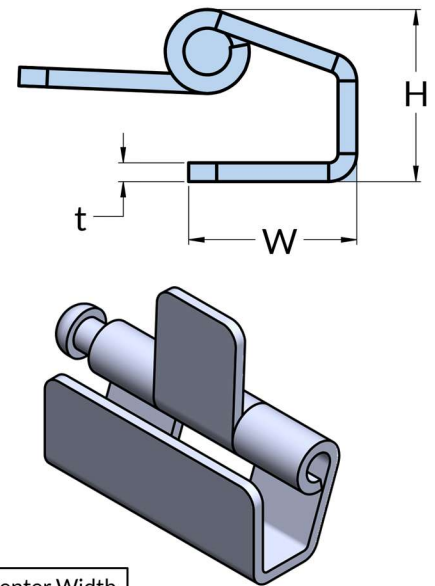
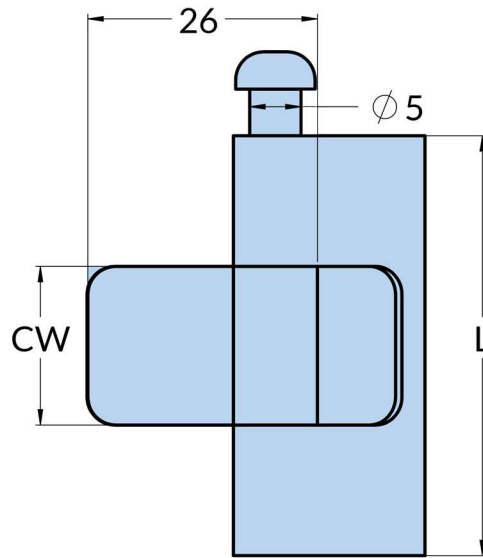
- Material: PA6 copper insert handle, 6030 aluminum tube
- Finish: coarse fire pattern black handle anodized matte black aluminum tube
- Panel thickness: 1~10mm.



HN - 01

- Material: Steel
- Finish: Zinc Blue Plating/Without Plating

Available in Stainless Steel on Request



Part No	Thickness t	Height H	Width W	Length L	Center Width CW
HN01-1	2	23	17	38	13.4
HN01-2	2	22	17	45	17
HN01-3	3	23	18	45	15.30

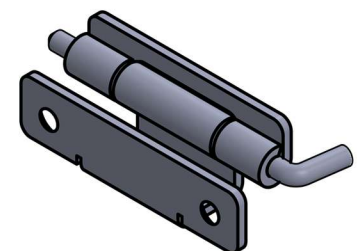
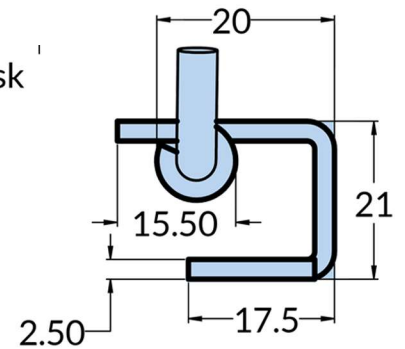
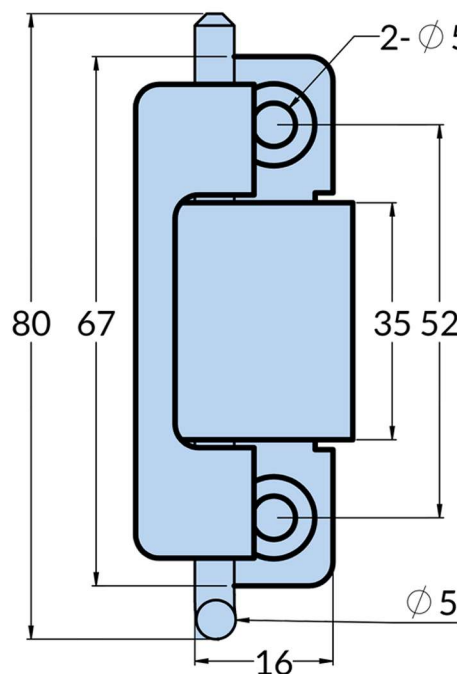


Available in Stainless Steel on Request



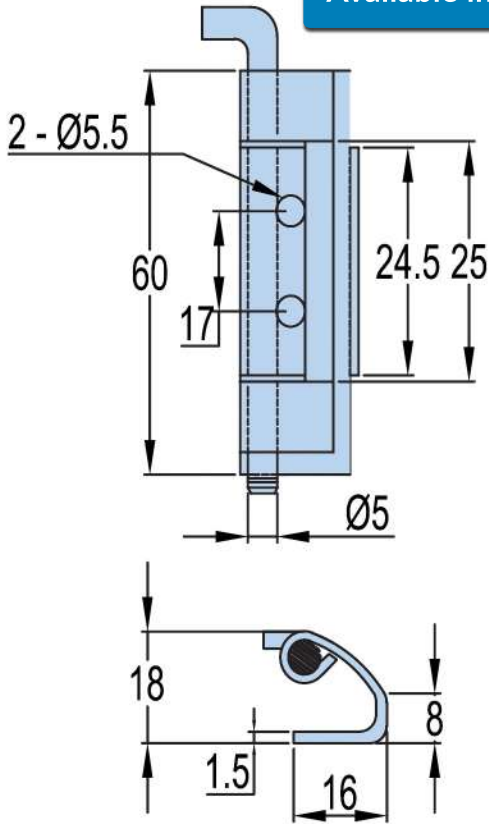
HN - 02

- Material: Steel
- Finish: Zinc Blue Plating

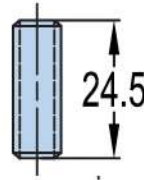
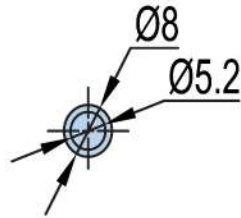




Available in Stainless Steel on Request



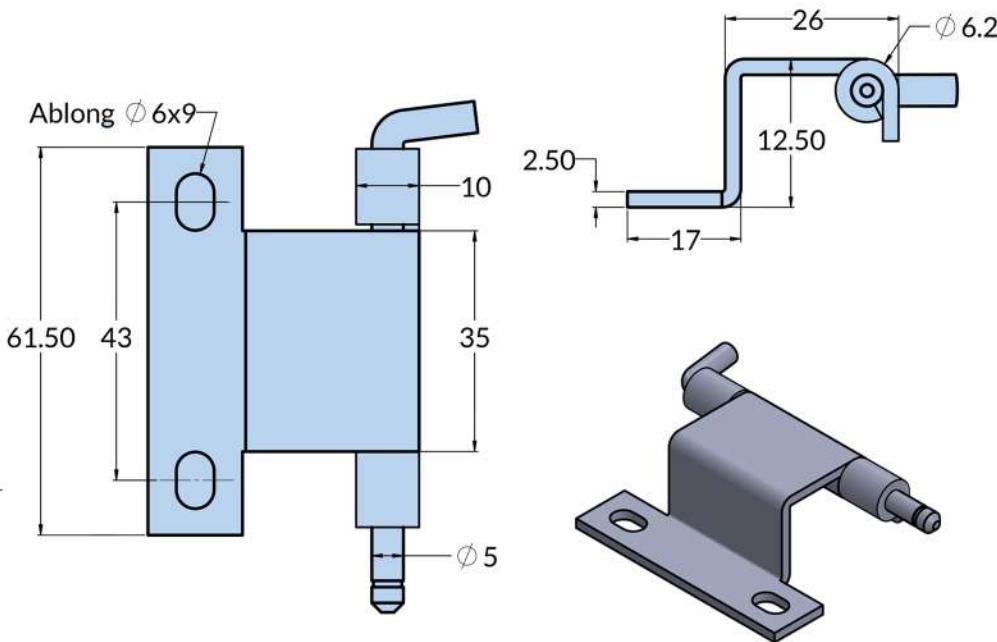
Weld Bush



HN - 03

- Material: Steel
- Finish: Zinc Yellow Plating

Available in Stainless Steel on Request



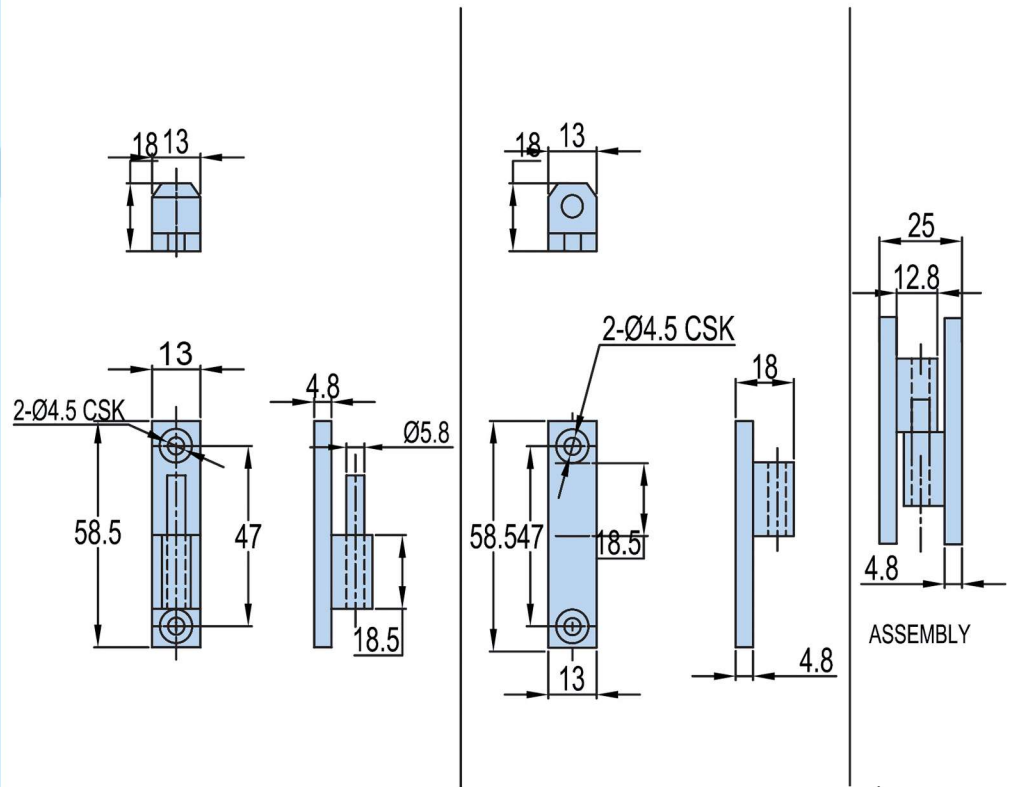
HN - 04

- Material: Steel
- Finish: Zinc Blue Plating



### HN - 05

- Material: Zinc Die Casting
- Finish: Chrome Plating

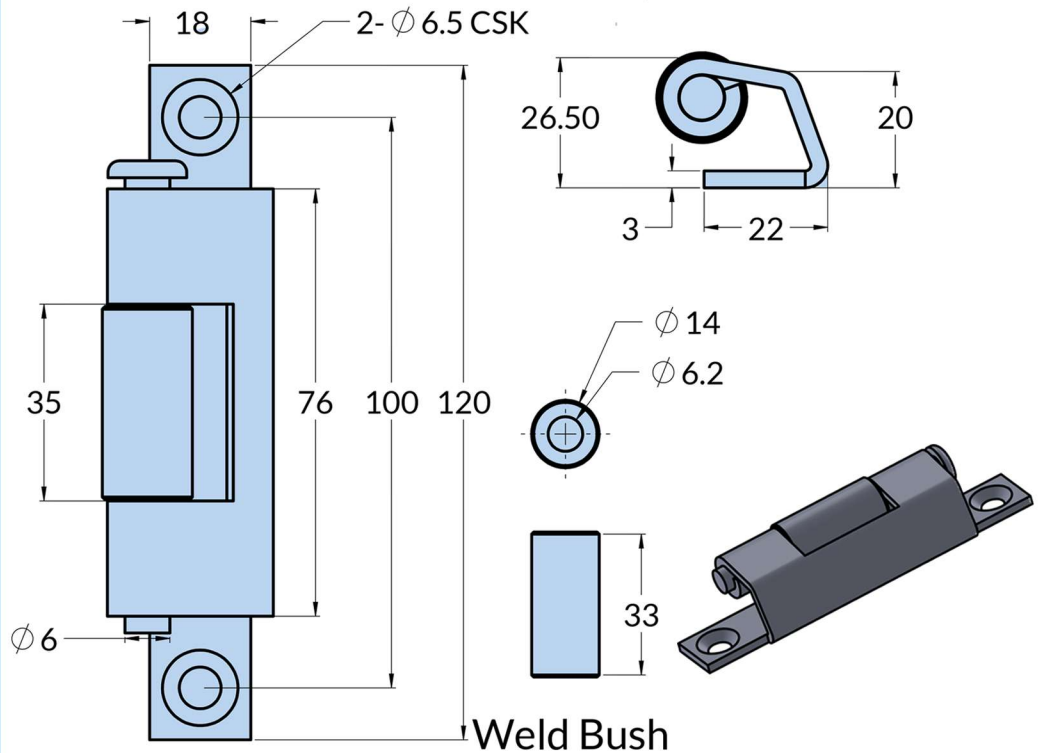


Available in Stainless Steel on Request

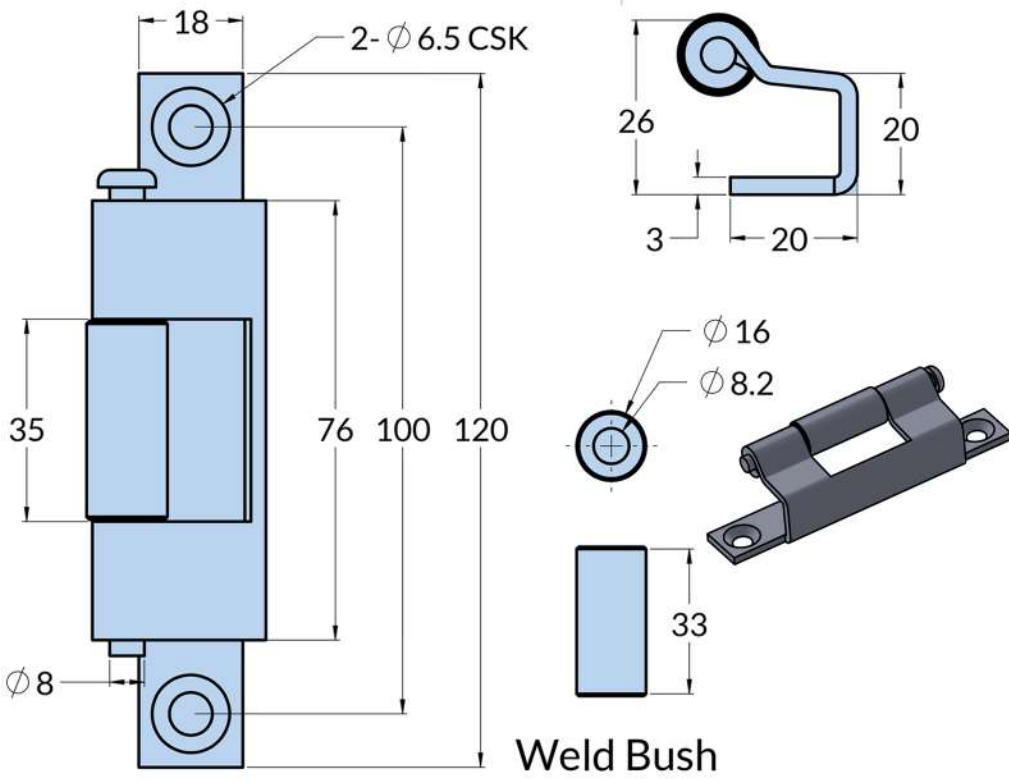


### HN - 06

- Material: Steel
- Finish: Zinc Blue Plating

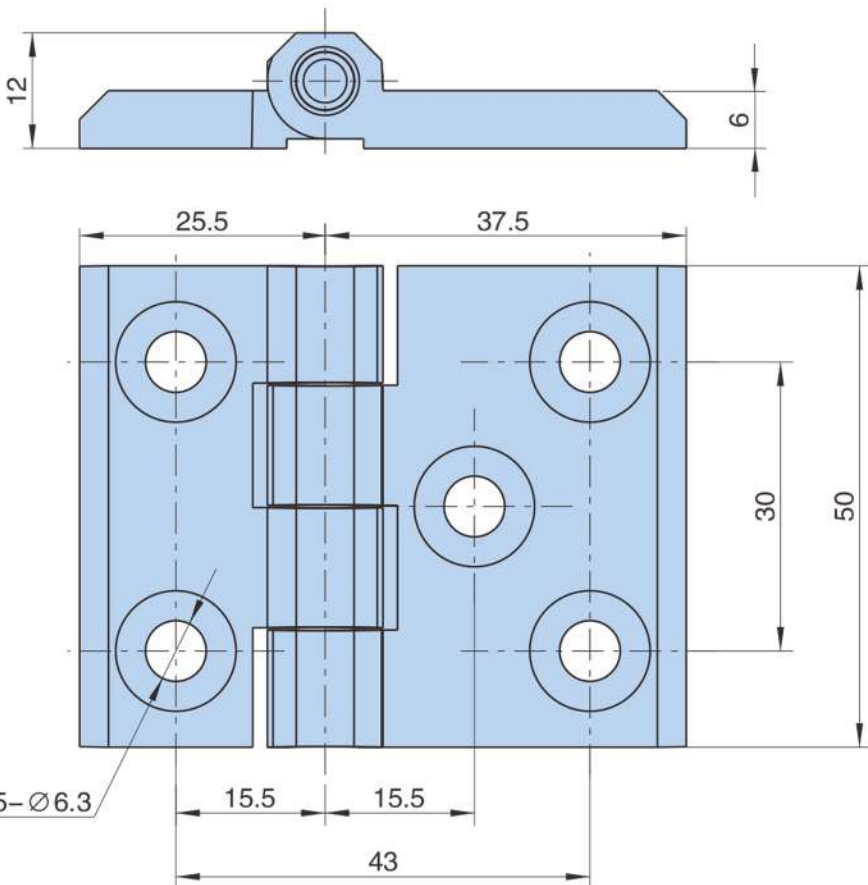


Available in Stainless Steel on Request



HN - 06 A

- Material: Steel
- Finish: Zinc Blue Plating



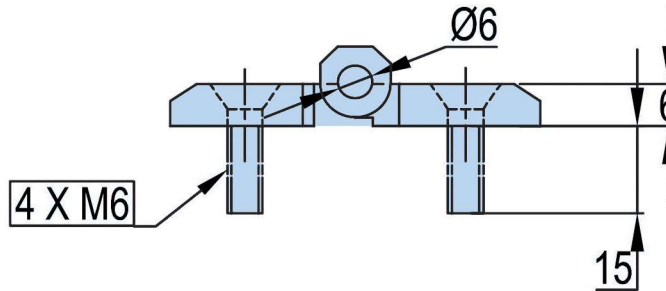
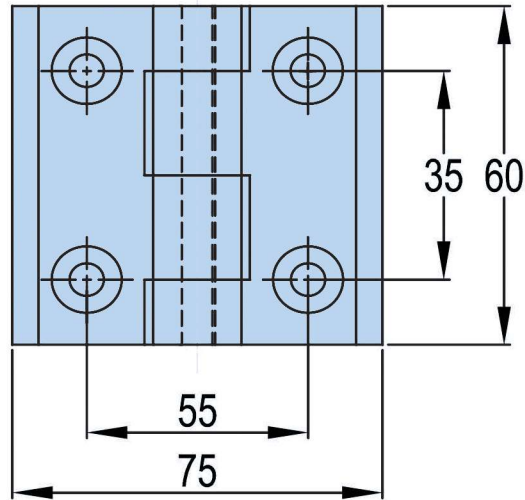
HL050 - 2B

- Material: zinc alloy hinge, A3 for the pin
- Finish: bright chrome
- Function: 180° hinge



HN - 08 A

- Material: Zinc Die Casting
- Finish: Chrome Plating

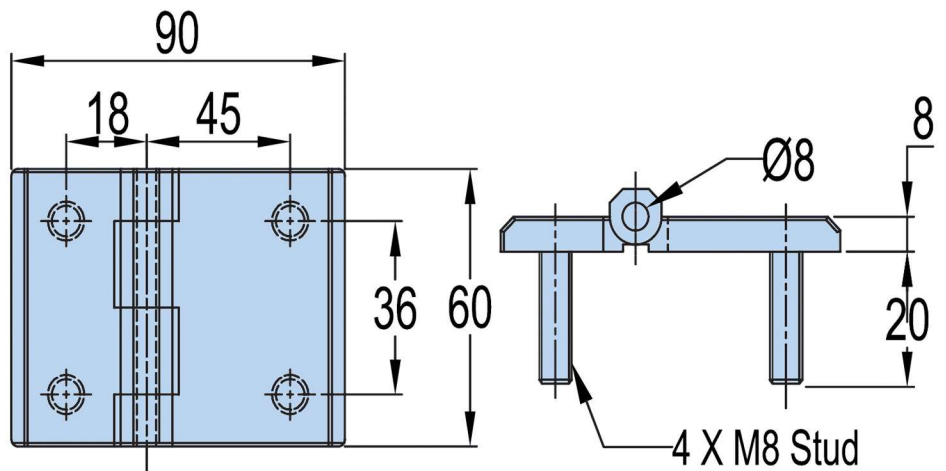


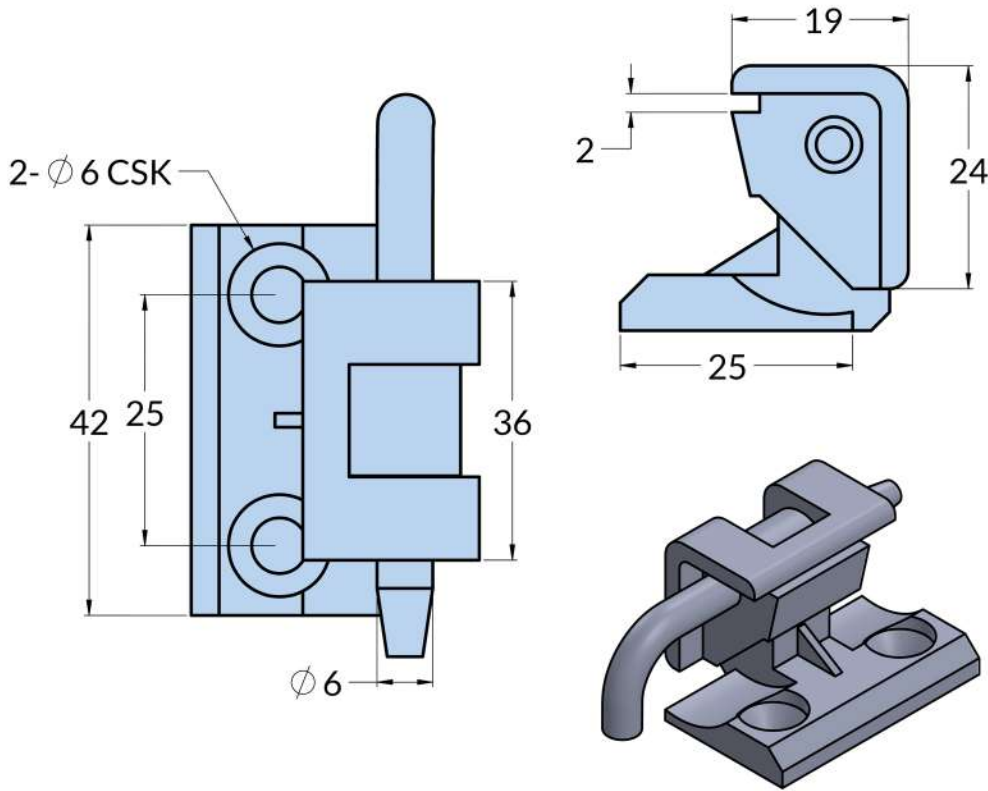
RL



NY 2101

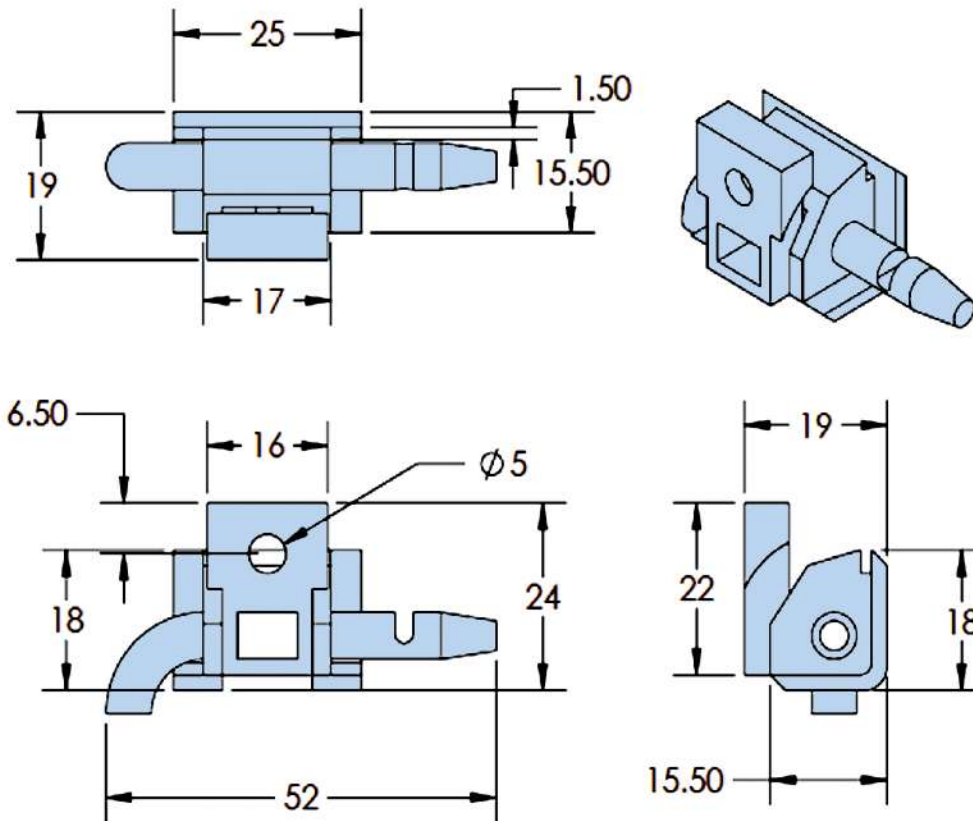
- Material: Zinc Die Casting, Steel Pin(Nickel Plating)
- Finish: Chrome Plating





HN - 10

- Material: Zinc Die Casting, Steel Pin(Nickel Plating)
- Finish: Chrome Plating



HN - 11 A

- Material: Polymide-6- GF - 30

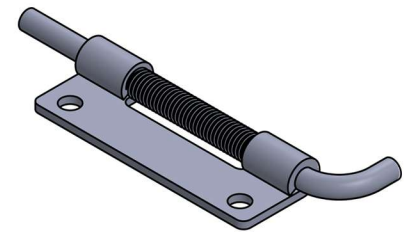
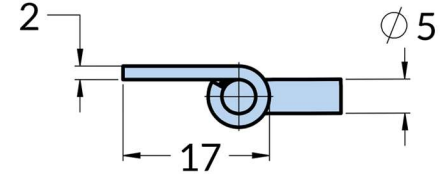
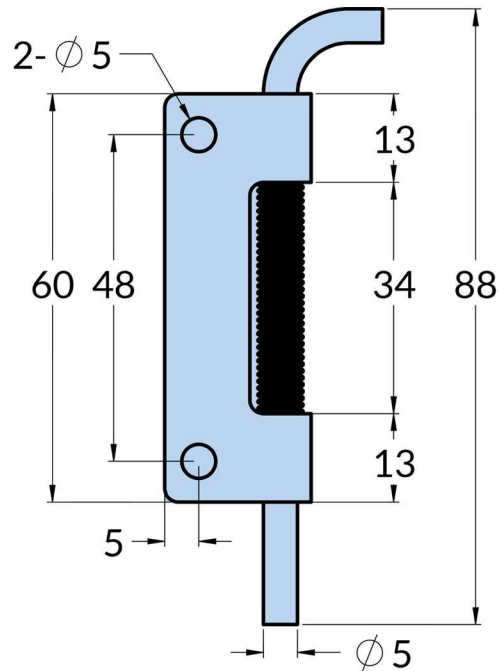


Available in Stainless Steel on Request



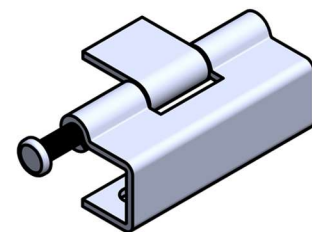
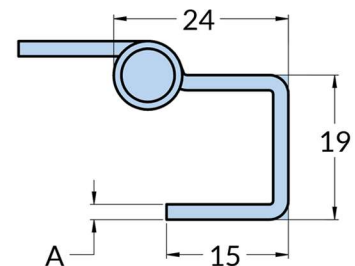
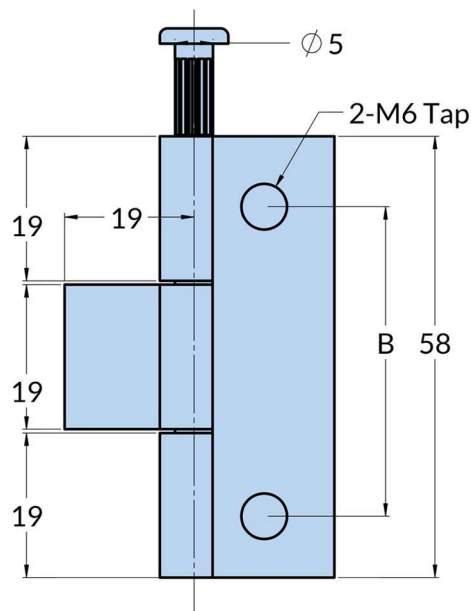
HN - 13

- Material: Steel
- Finish: Zinc Blue Plating/Yellow Plating



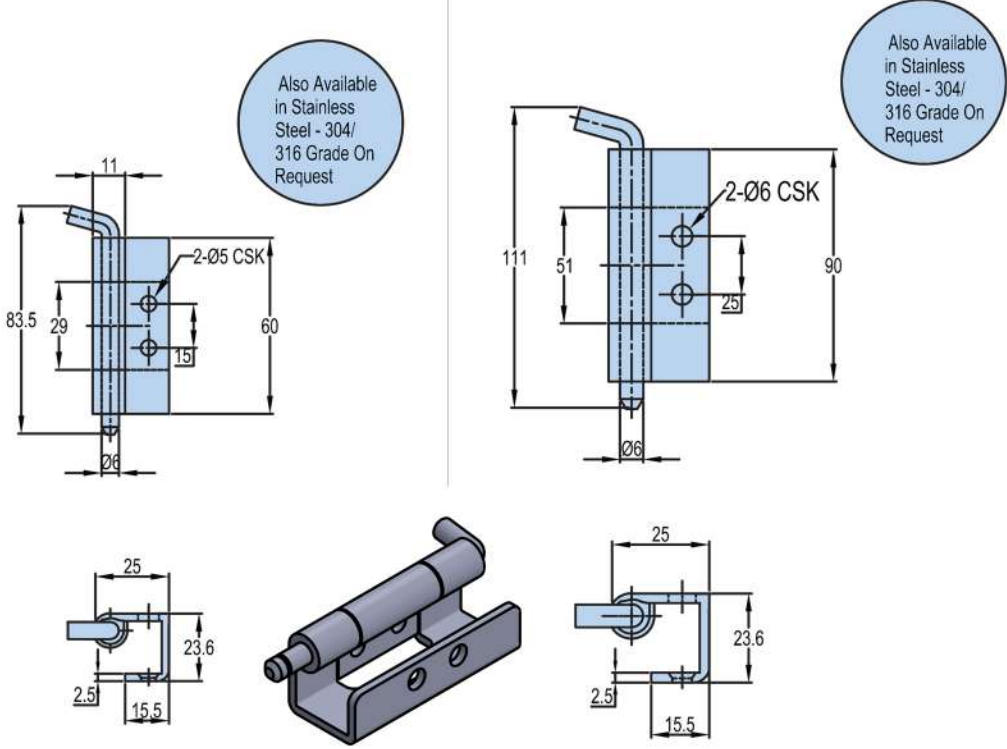
HN - 14

- Material: Steel
- Finish: Zinc Blue Plating/Yellow Plating



Part NO:	A	B
HN-14A	2mm Thickness Without Plating	PLANE
HN-14B	2.5mm Thickness Without Plating	PLANE
HN-14C	2mm Thickness With Zinc Blue Plating	40

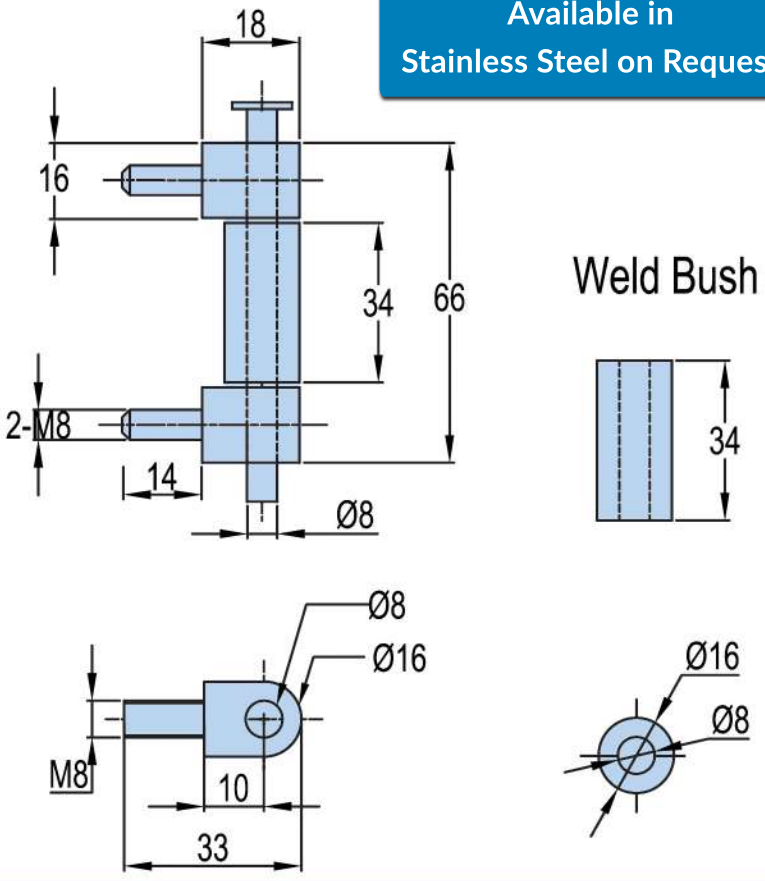
Available in Stainless Steel on Request



HN - 15

- Material: Steel
- Finish: Zinc Blue Plating/Yellow Plating

Available in Stainless Steel on Request



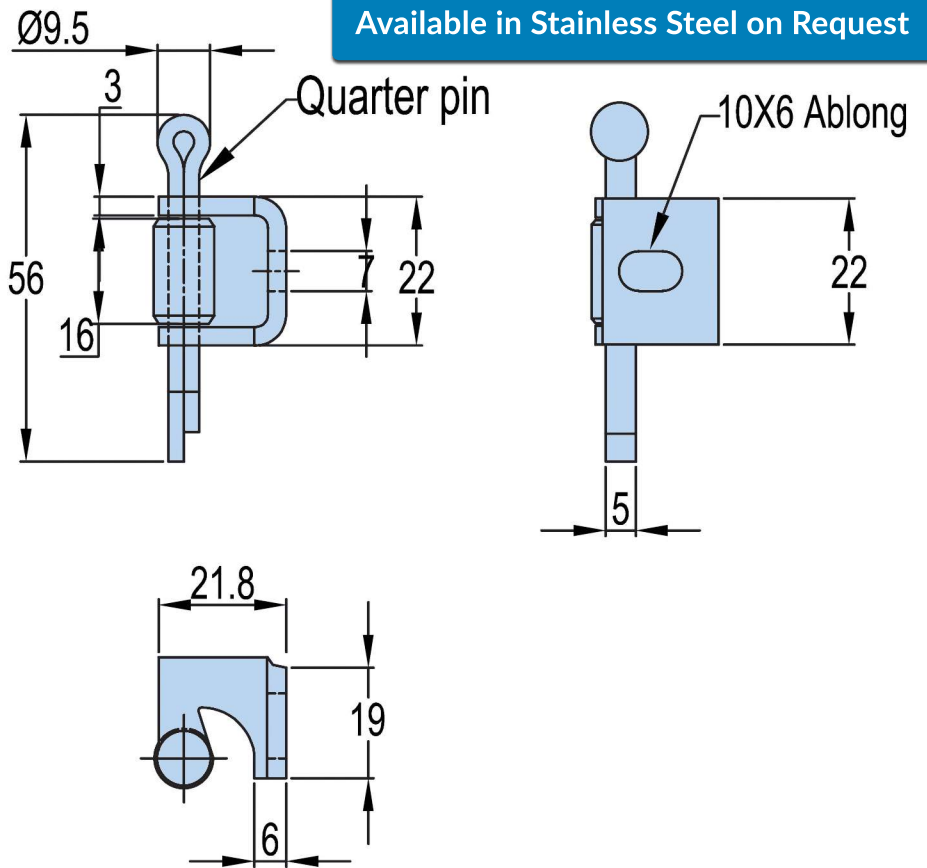
HN - 16

- Material: Steel
- Finish: Zinc Blue Plating



HN - 17

- Material: Steel
- Finish: Zinc Yellow Plating

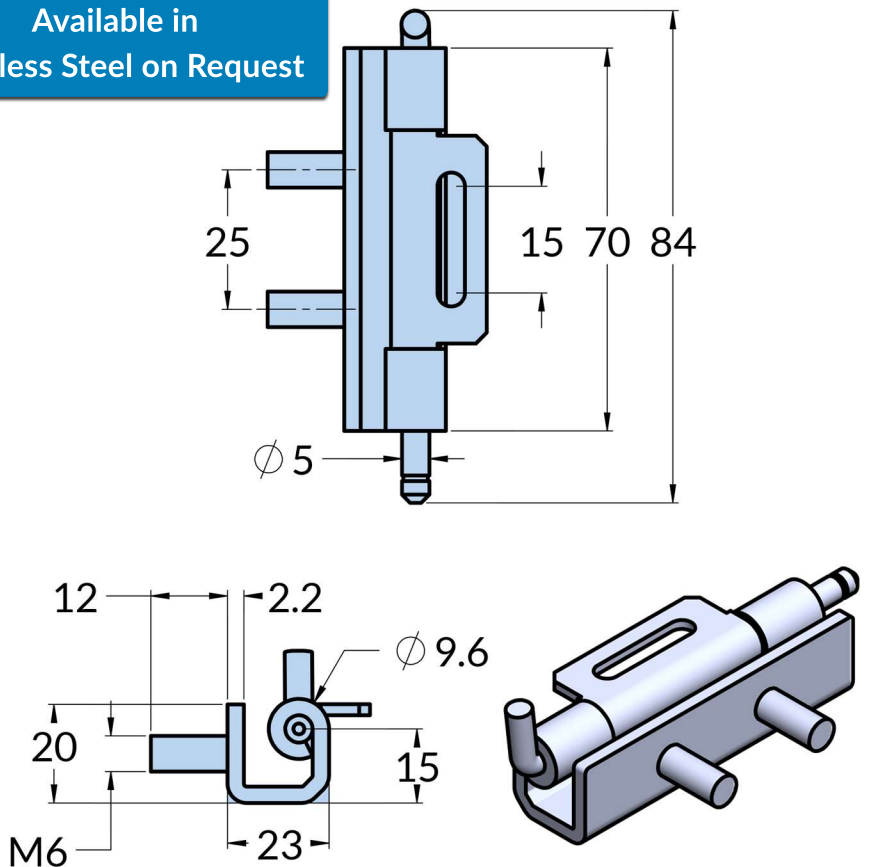


Available in  
Stainless Steel on Request

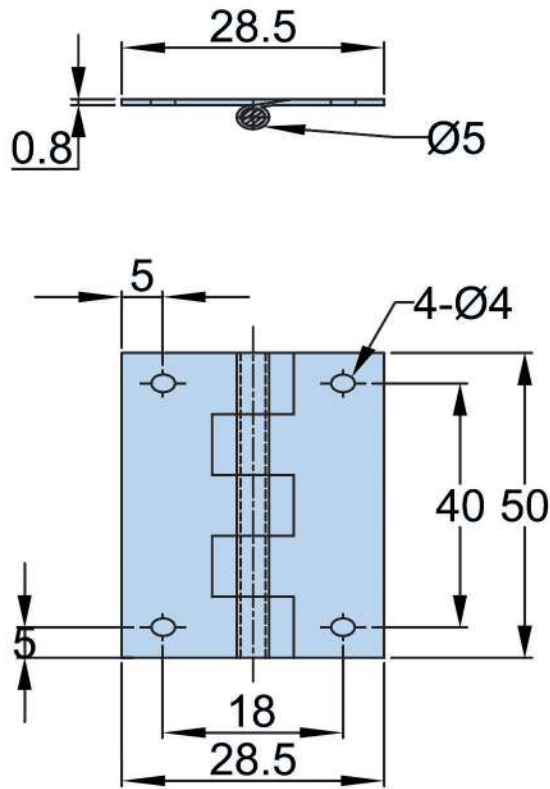


HN - 18

- Material: Steel
- Finish: Zinc Blue Plating



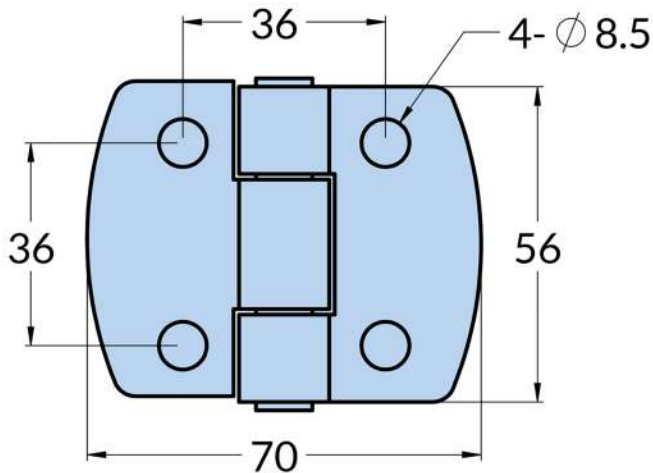




HN - 19

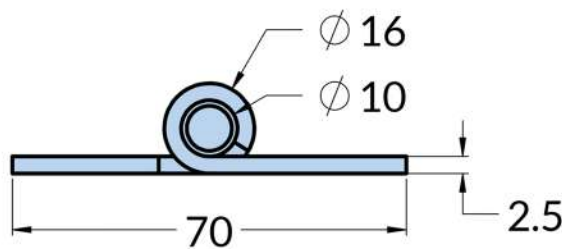
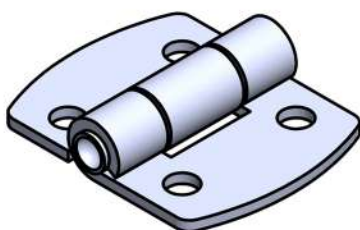
● Material: Satinless Steel

Available in Stainless Steel on Request



HN - 21

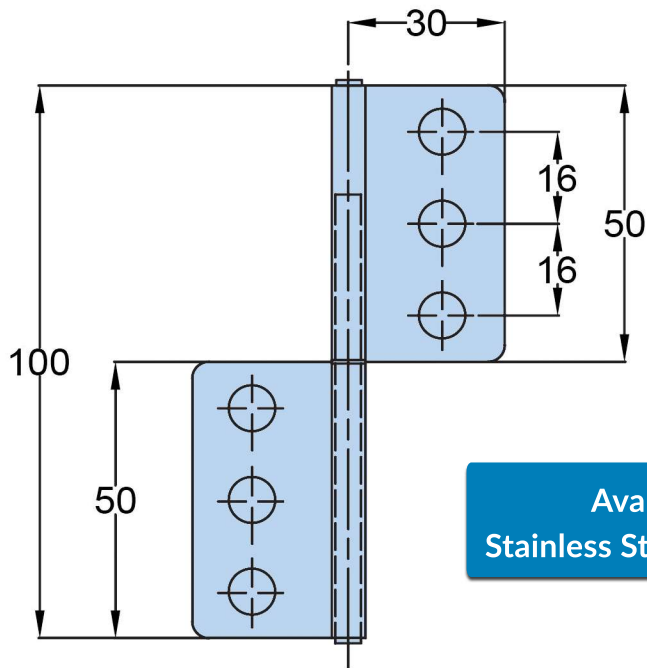
● Material: Satinless Steel



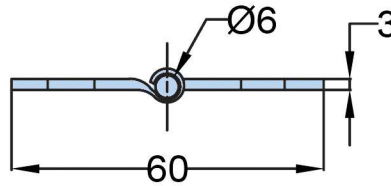


HN - 22

- Material: MS
- Finish: Zinc Yellow Plating



Available in  
Stainless Steel on Request

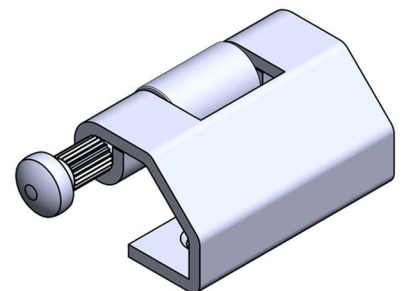
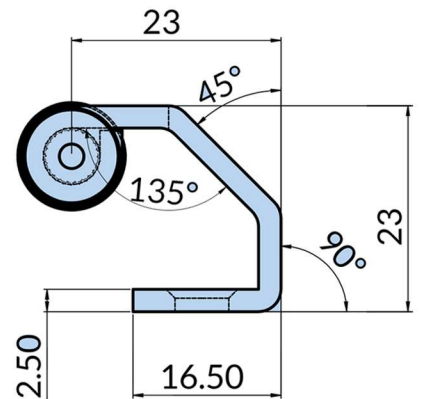
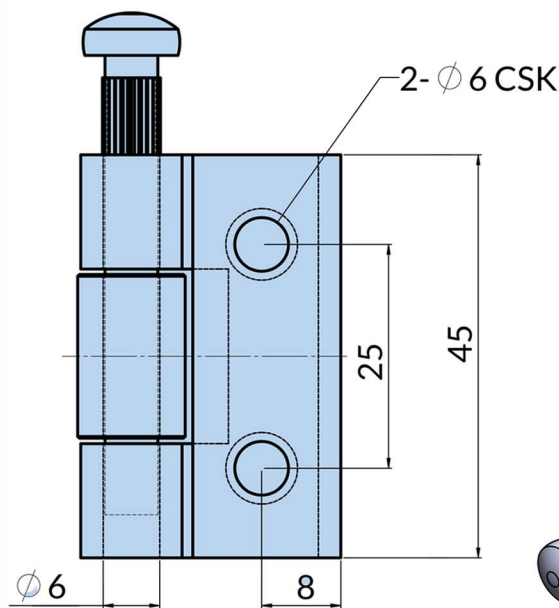


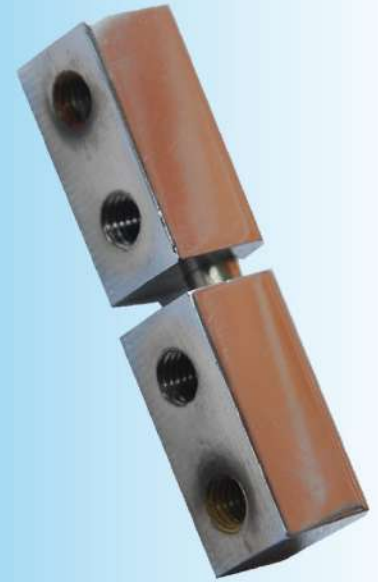
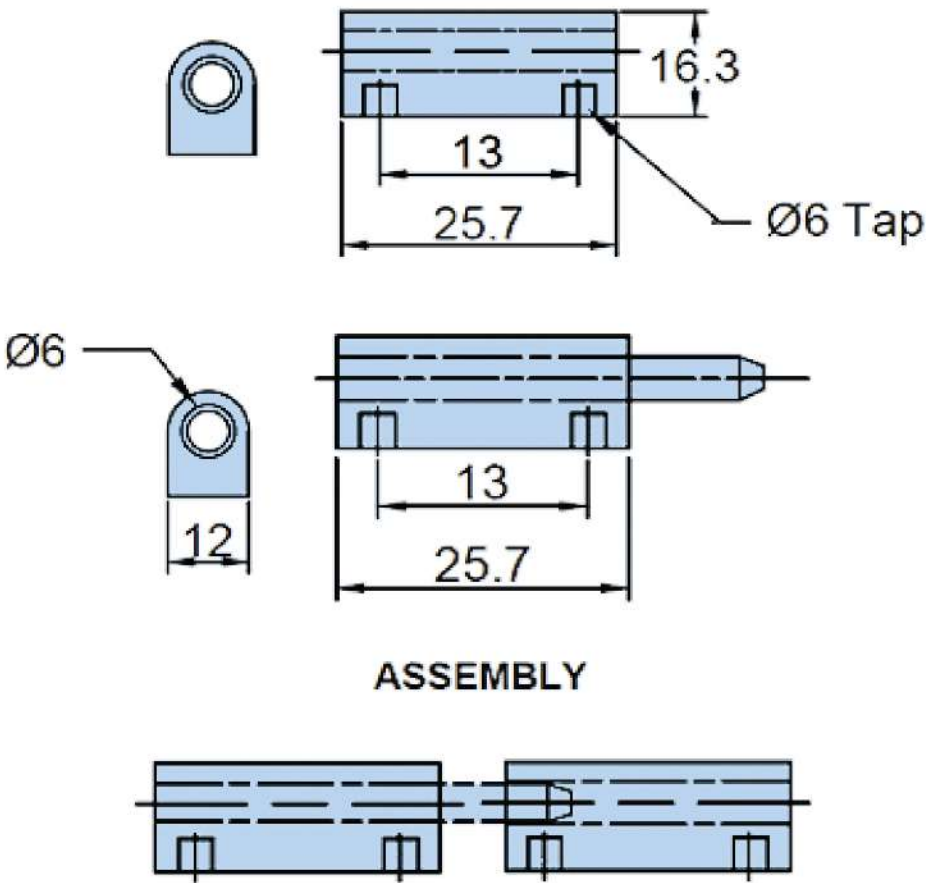
Available in  
Stainless Steel on Request



HN - 23

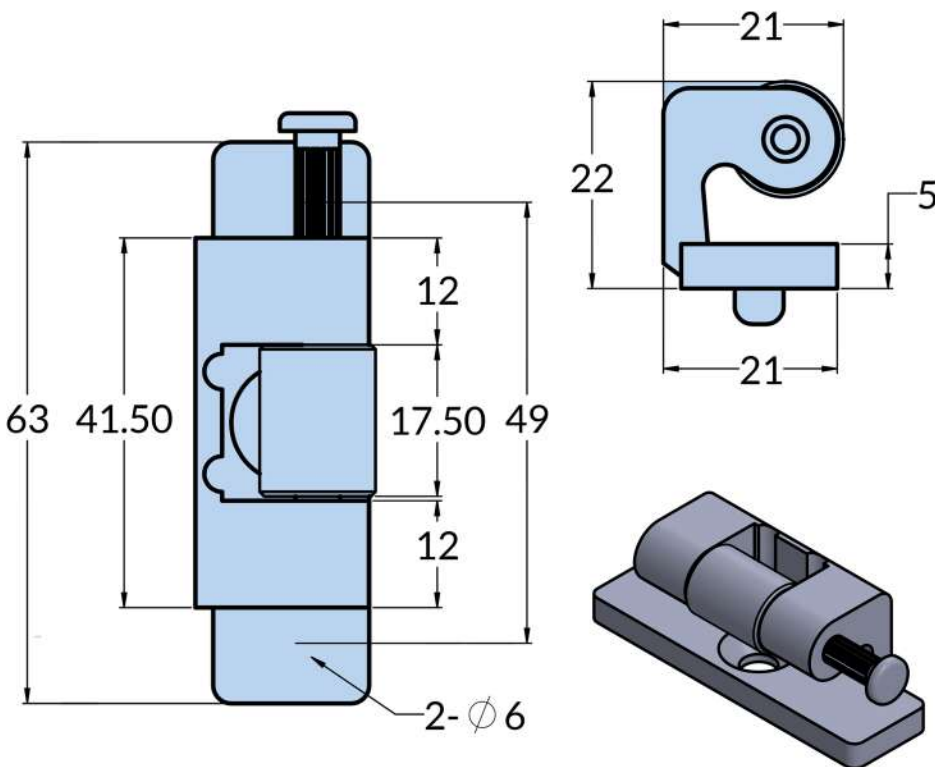
- Material: MS
- Finish: Zinc Blue Plating





HN - 24

- Material: Brass
- Finish: Nickel



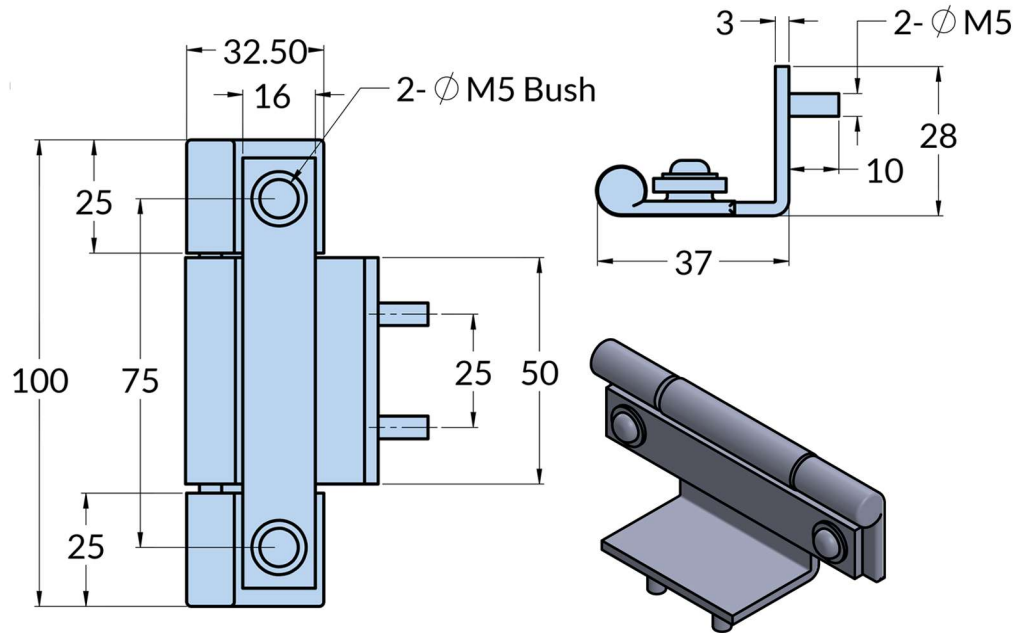
HN - 25

- Material: Zinc Die Casting
- Finish: Chrome Plating



HN - 26

- Material: Steel
- Finish: Black Powder Coating

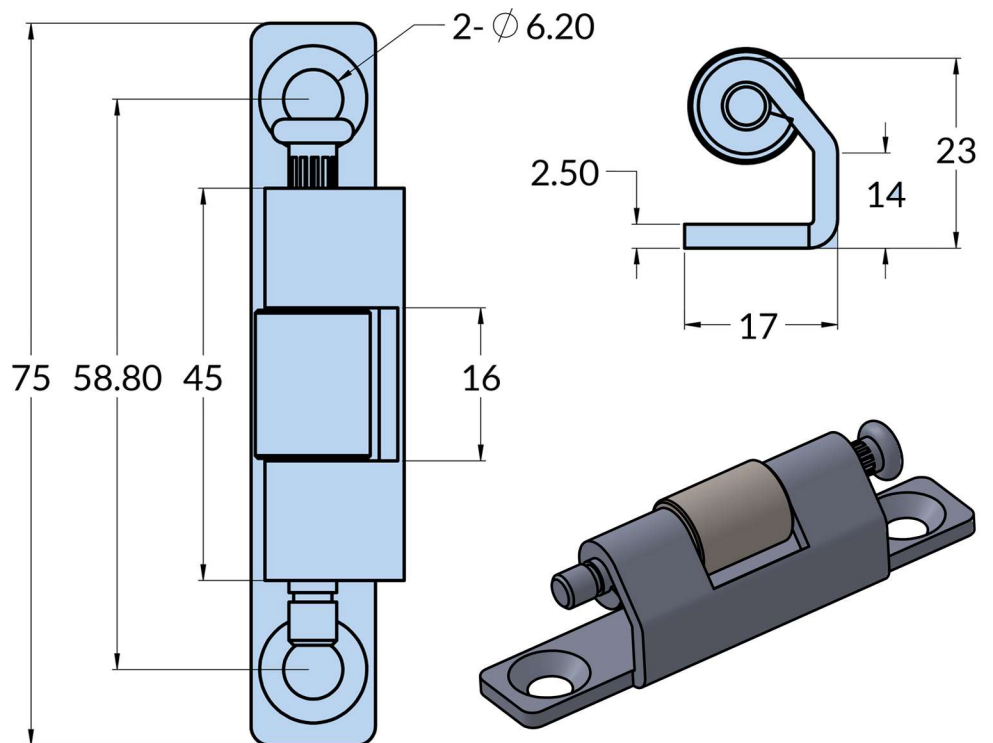


Available in Stainless Steel on Request

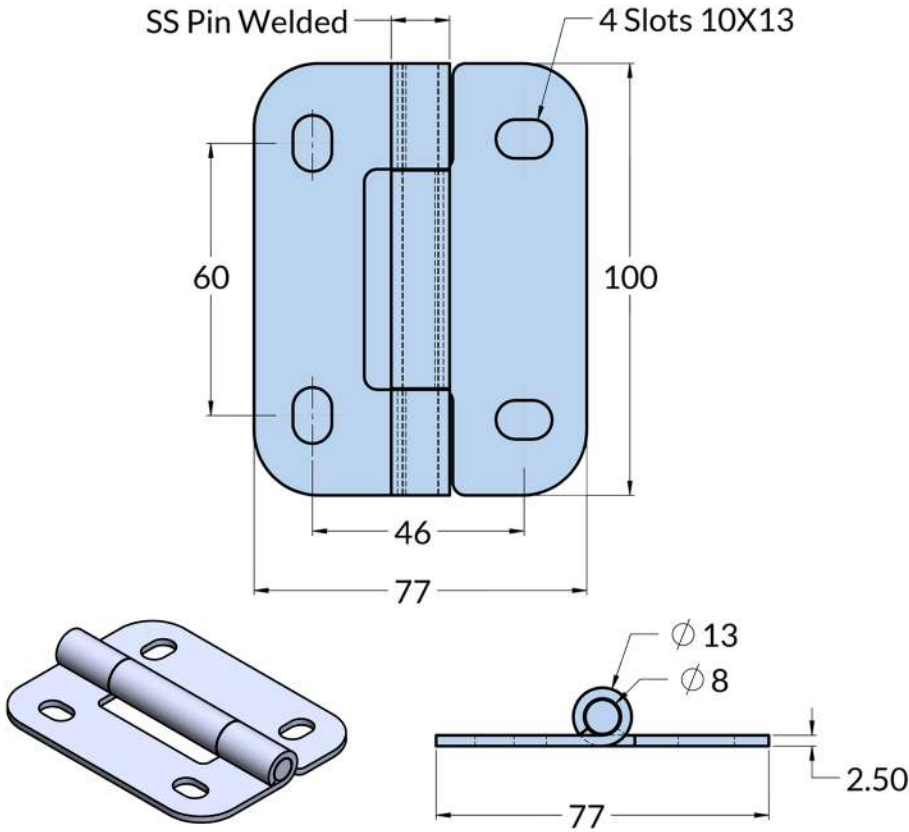


HN - 27

- Material: Steel
- Finish: Zinc Blue Coating/Yellow Plating

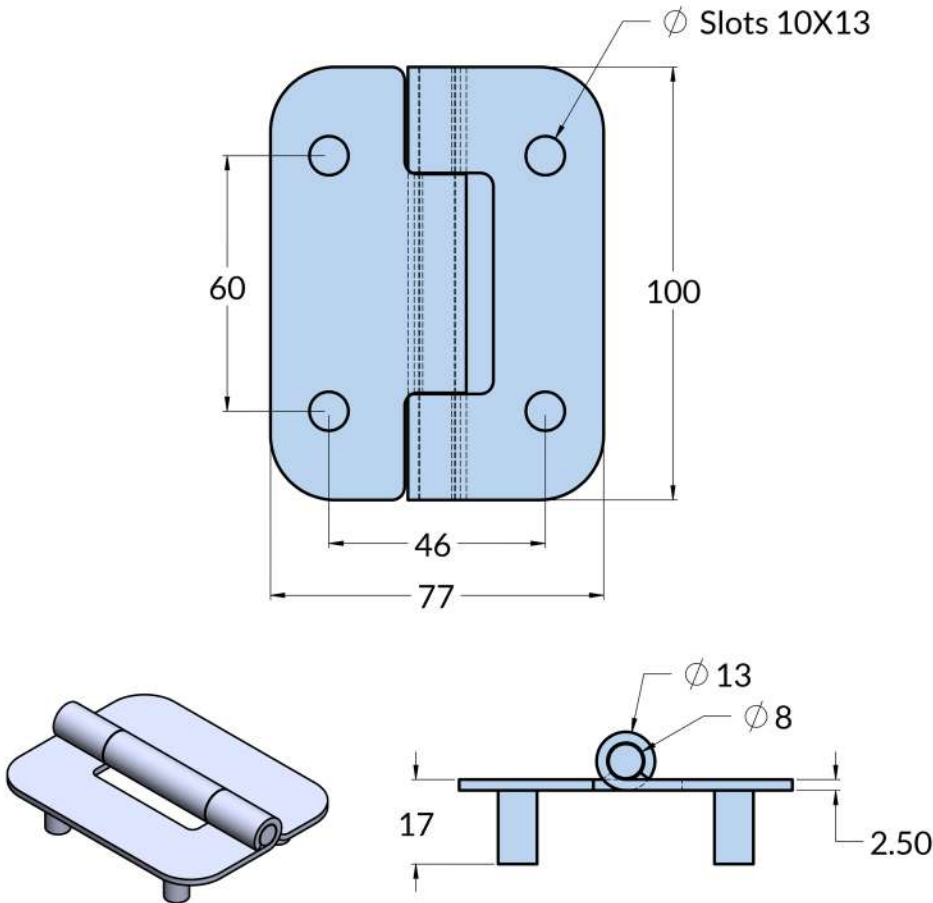


Available in Stainless Steel on Request



HN - 29

- Material: Steel, Pin-Stainless Steel
- Finish: Black Powder Coating



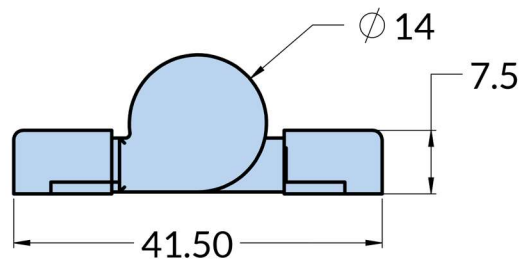
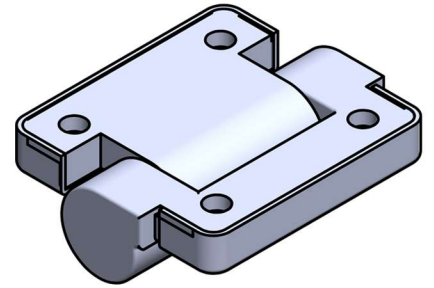
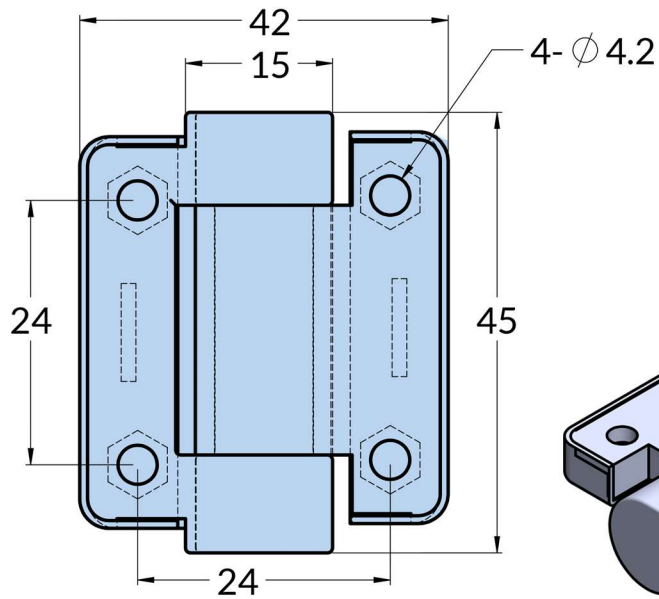
HN - 29 A

- Material: Steel, Pin-Stainless Steel
- Finish: Black Powder Coating



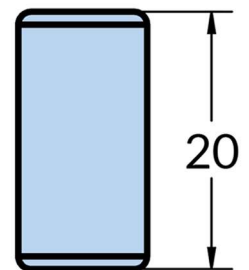
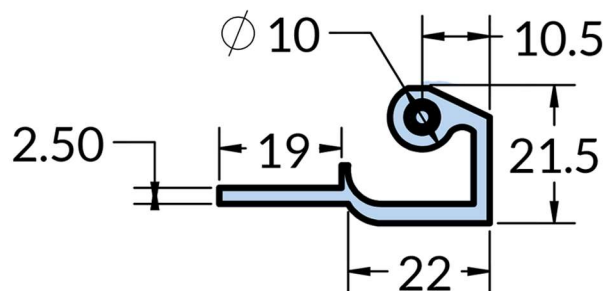
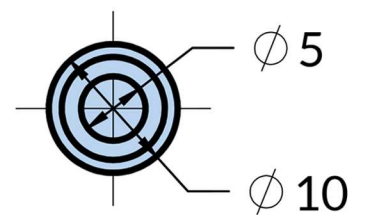
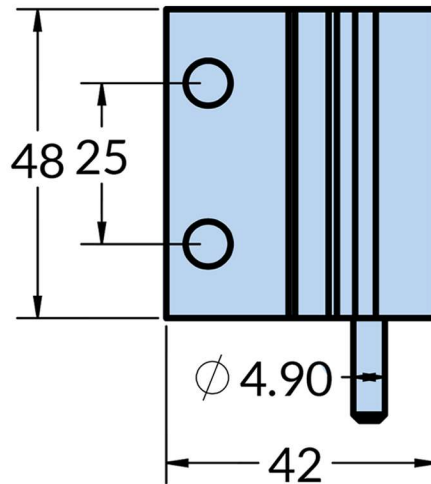
HN - 32

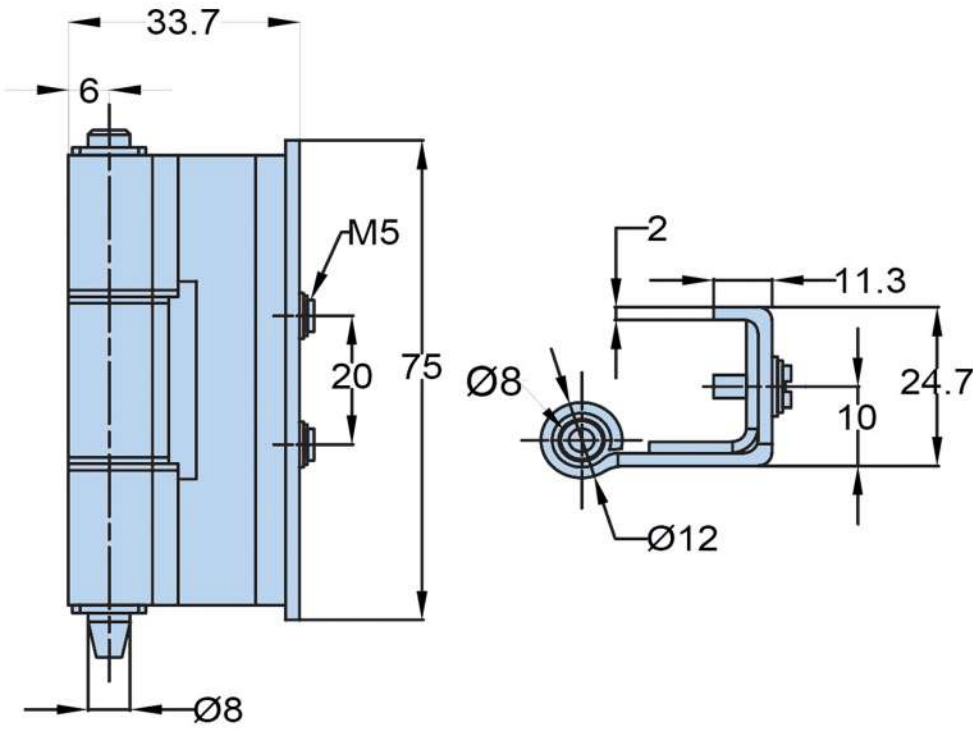
● Material: Polymide - 6 GF -30



HN - 33

● Material: Aluminium Section-Steel  
Weld Bush

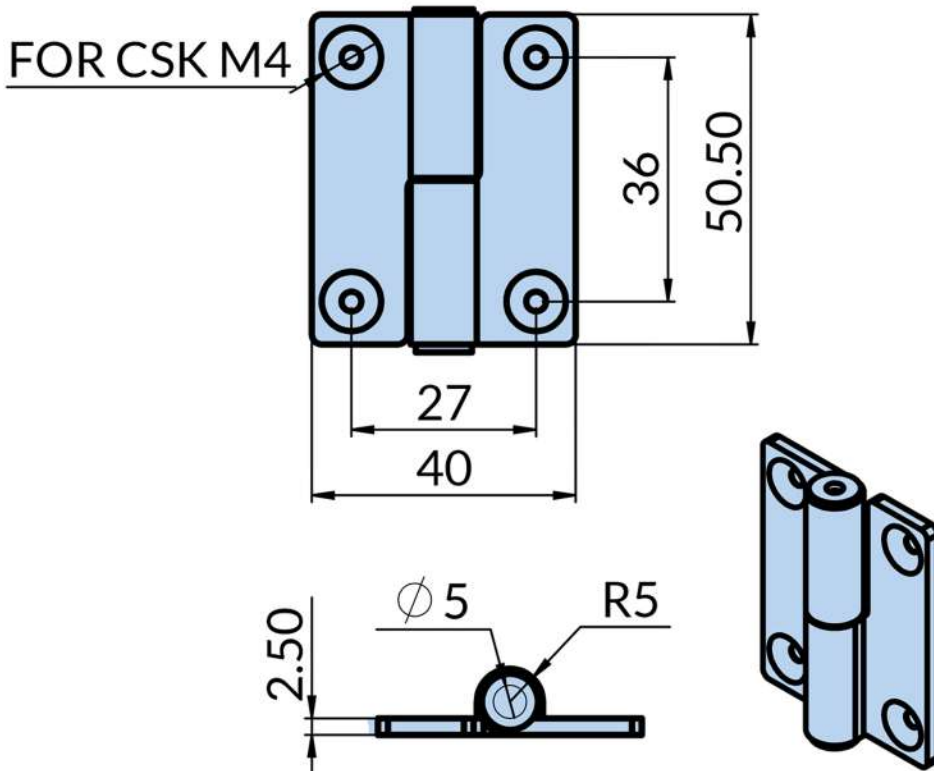




HN - 34

- Material: Steel
- Finish: Zinc Yellow Coating

Available in Stainless Steel on Request



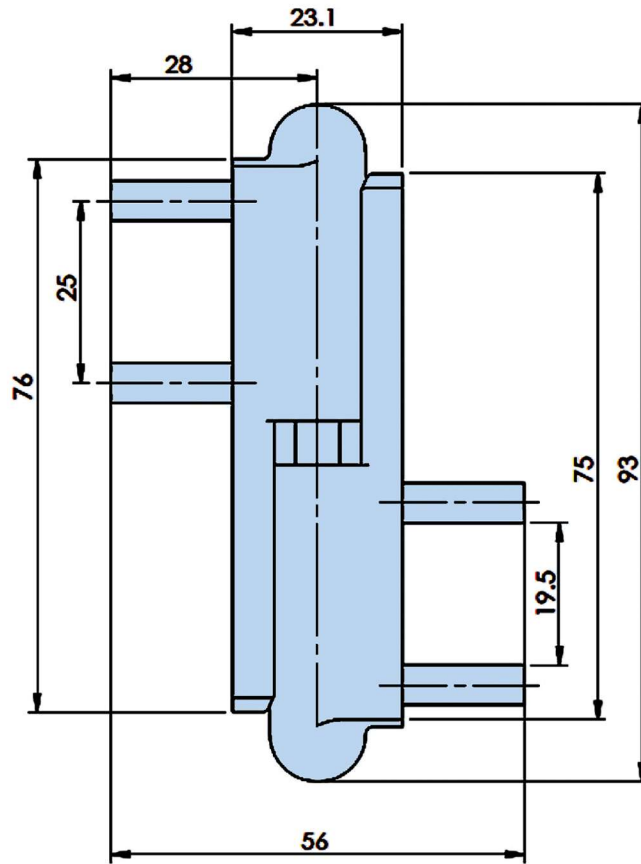
HN - 35

- Material: Steel
- Finish: Zinc Blue/Yellow Plating



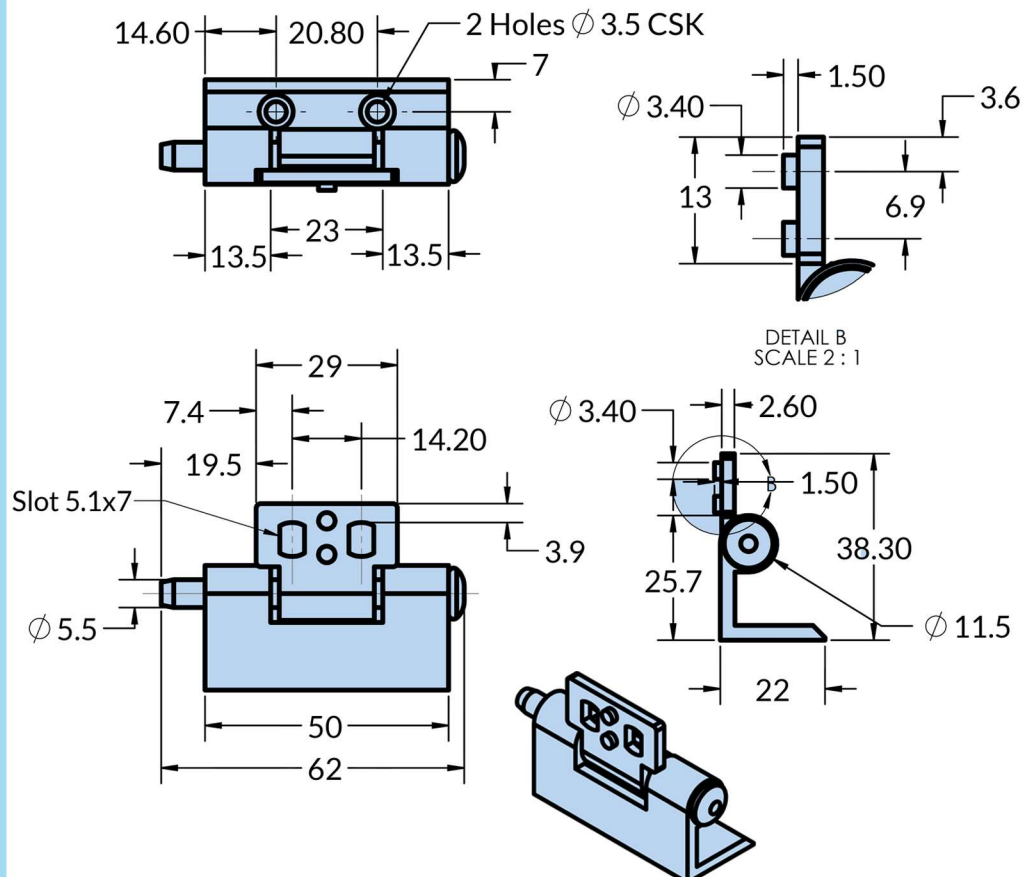
### HN - 36

- Material: Zinc Die Casting
- Finish: Zinc Blue/ Yellow Plating

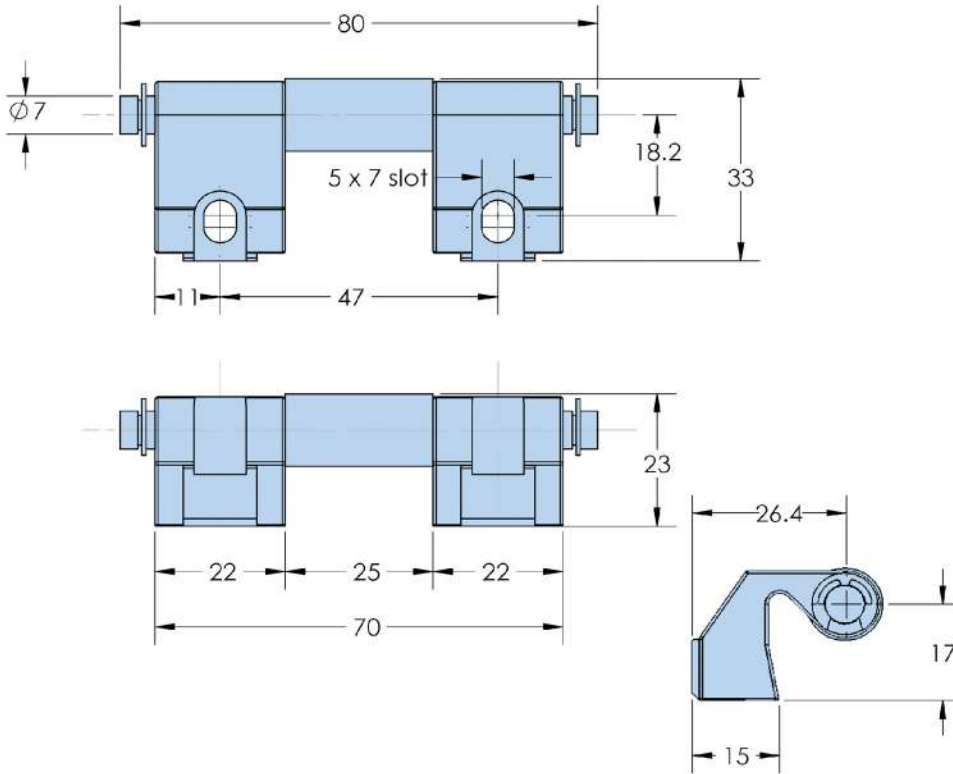


### HN - 37

- Material: Zinc Die Casting
- Finish: Chrome Plating

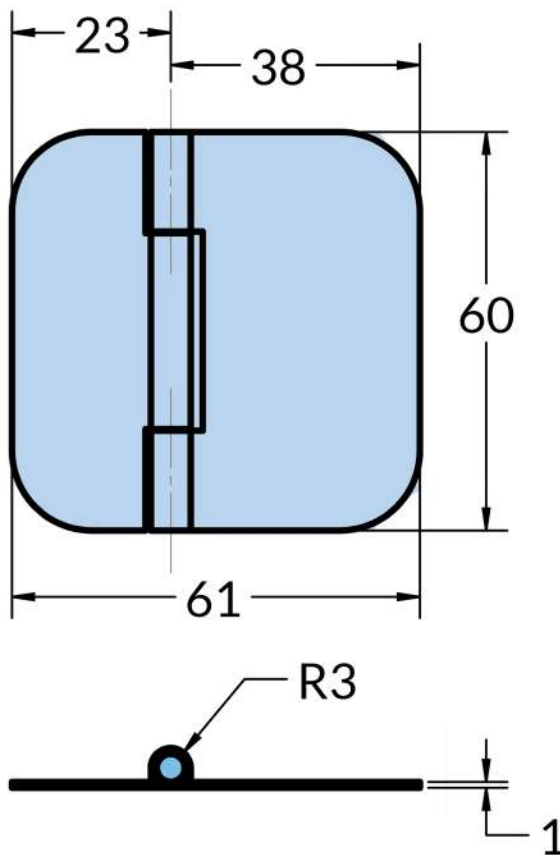






HN - 38

- Material: Zinc Die Casting, Steel Brackets, Steel Pin
- Finish: Sand Blasting

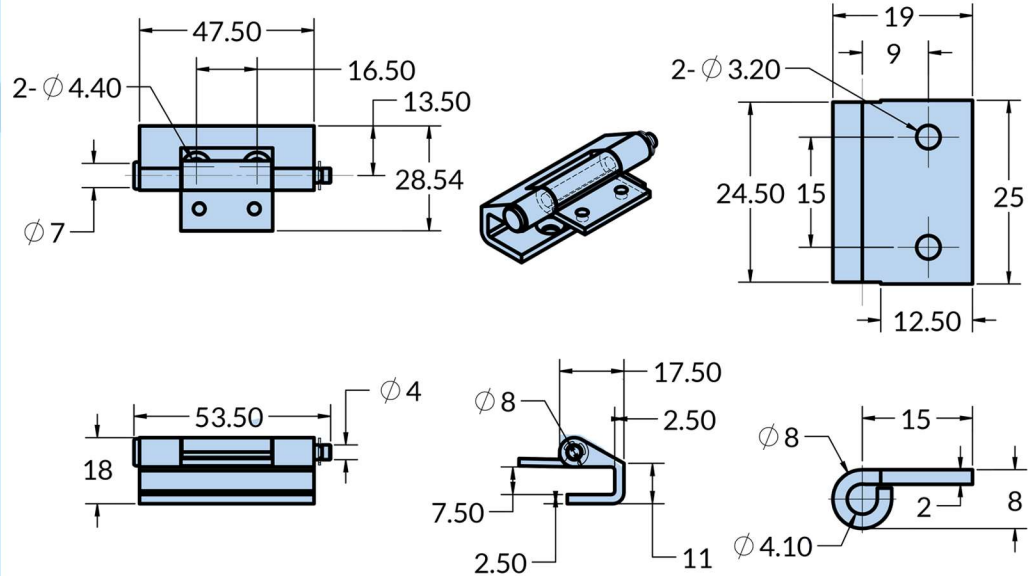


HN - 39

- Material: GI



HN - 40

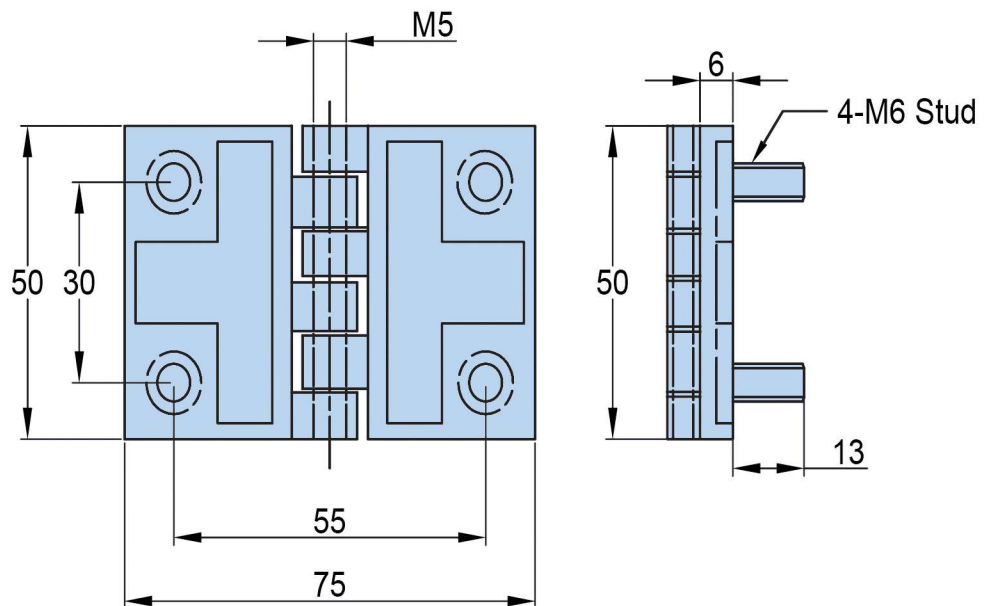


Hinge Assembly

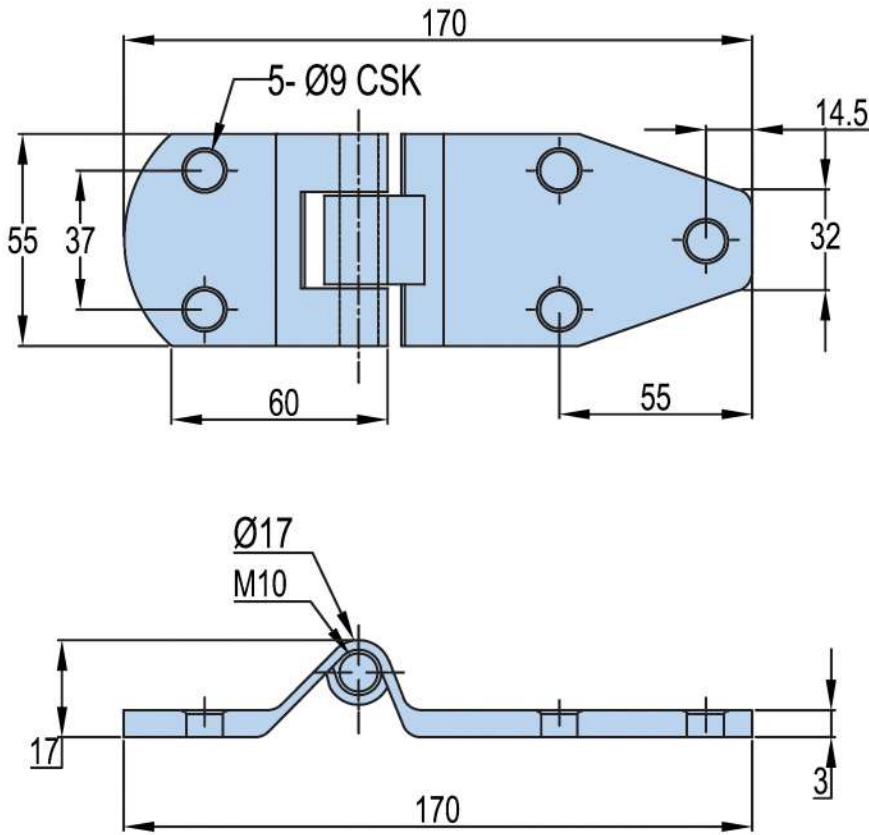
Center Part



CPH - 01



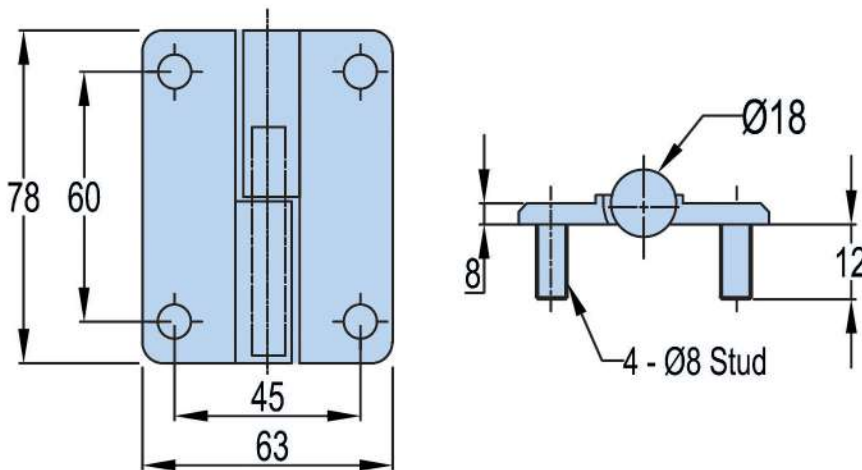
- Material: Zinc Die Casting
- Finish: Black Powder Coating



CPH - 03

- Material: Steel, Also available in Stainless Steel
- Finish: Chrome Plating/Black Powder Coated

Available in LH & RH



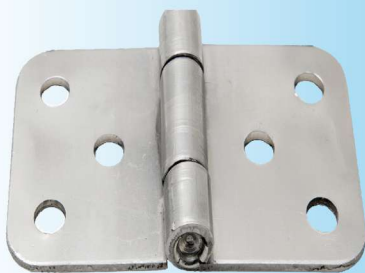
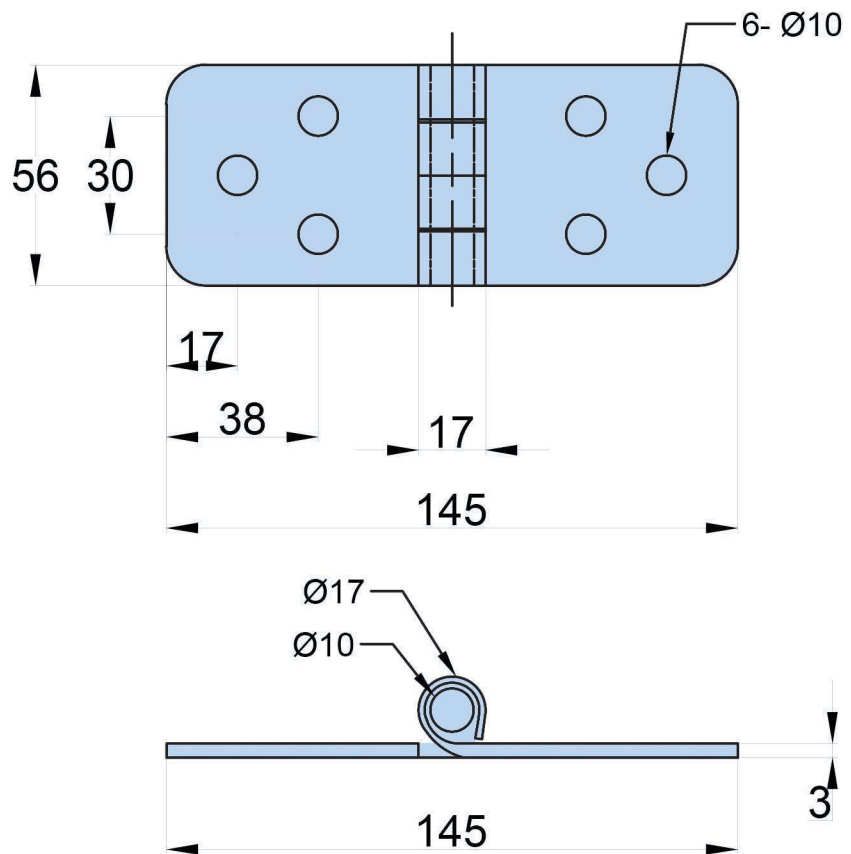
CPH - 04

- Material: Zinc Die Casting
- Finish: Black Powder Coating

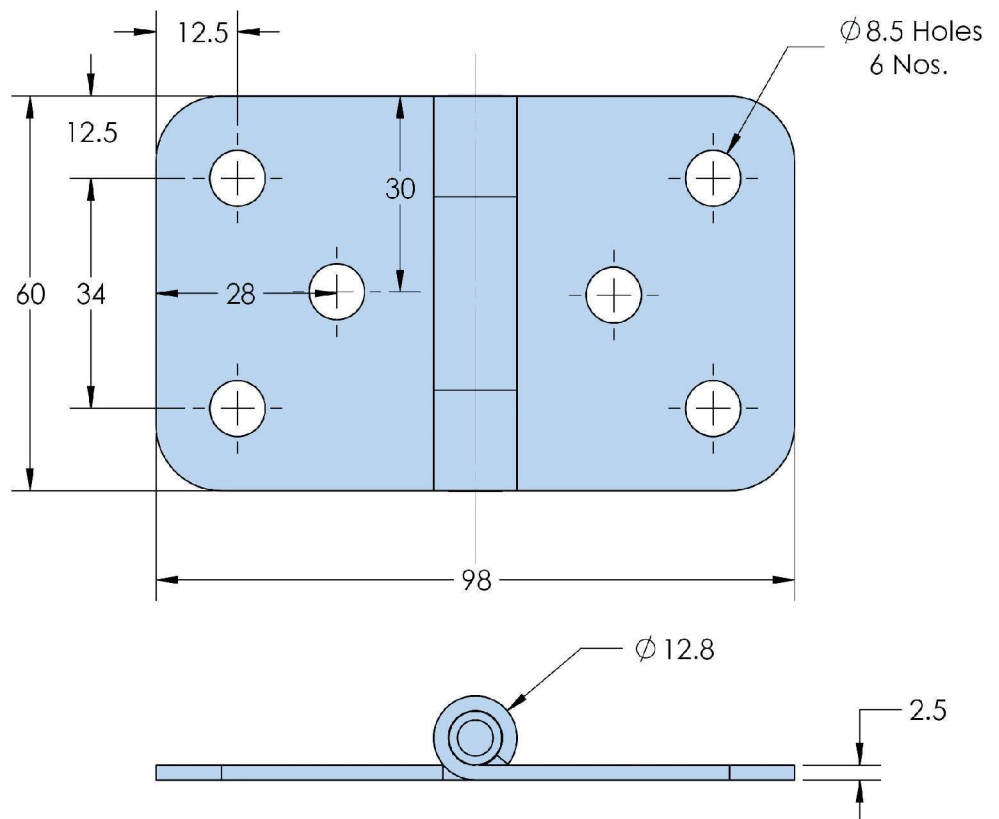


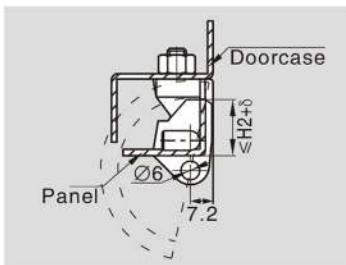
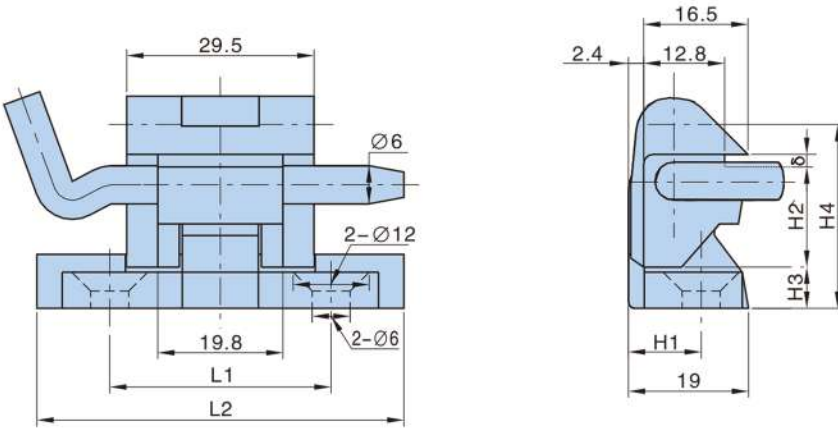
CPH - 05

- Material: Steel
- Finish: Zinc Blue Plating



CPH - 05SSS



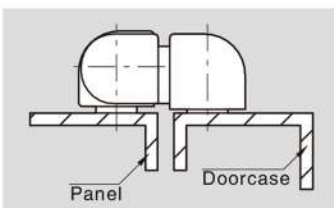
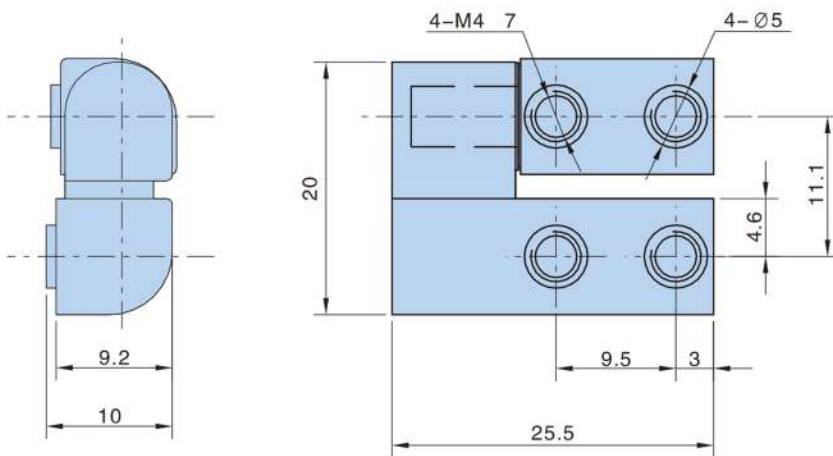


Dimensions							Product Number	Weight (g)	Lot
H1	H2	H3	H4	L1	L2	δ			
11.5	15.8	6.5	29	35	58	2	HL001-1	101	200
10	9.8	4.8	22	25	48	2.2	HL001-2	75	300



HL 001 - 1

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available.
- Finish: Black powder coated
- Remark: 180° hinge.



Product Number		Weight (g)	Lot
Right hinge	HL002R	25	500
Left hinge	HL002L	25	500



HL 002 R



HL 002 L

- Material: Zinc die-casting hinge.
- Finish: Black powder coated
- Remark: 180° hinge



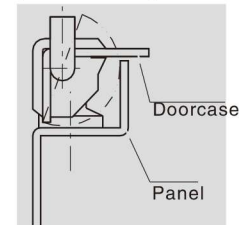
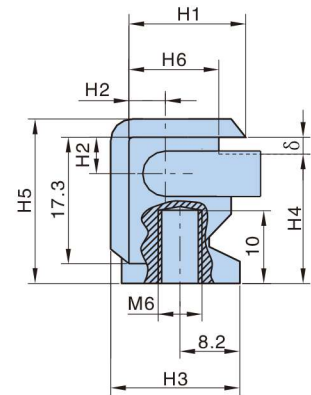
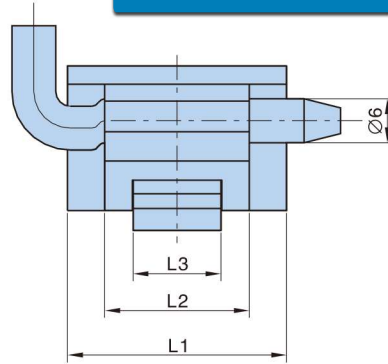
HL 003 - 1

HL 003 - 2

HL 003 - 2S

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Bright chrome plating  
Black powder coated
- Remark: 180° hinge

### Stainless Steel



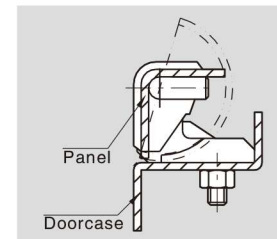
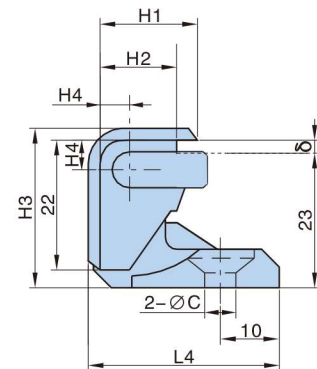
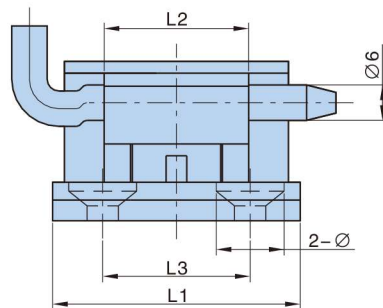
Dimensions											Product Number			
H1	H2	H3	H4	H5	H6	L1	L2	L3	δ		Black powder coated	Bright chrome plating	Weight (g)	Lot
17.2	5.7	18.5	17.7	23	13	40	26.5	16	2.5		HL003- 1.3	HL003- 1.1	67	300
16	5.2	17	16.5	21	12	30	19.5	12	2.3		HL003- 2.3	HL003- 2.1	44	400
16	5.2	17	16.5	21	12	30	19.5	12	2.3		Stainless steel	HL003- 2S	50	400



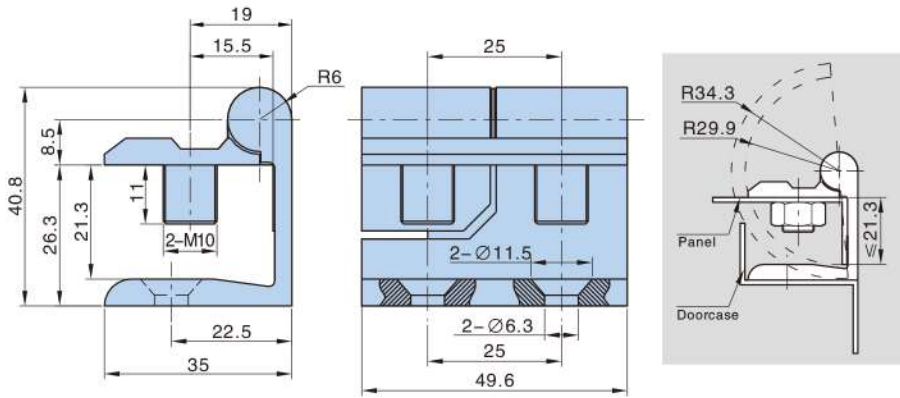
HL 004 - 1

HL 004 - 2

- Material: Zinc die-casting hinge stainless steel and nickel plating steel pin are available
- Finish: Bright chrome plating  
Black powder coated
- Remark: 180° hinge.



Dimensions											Product Number			
H1	H2	H3	H4	L1	L2	L3	L4	ØC	δ	Ø	Black powder coated	Bright chrome plating	Weight (g)	Lot
18	15.5	27.5	5.5	52	40	35	33	6.2	2.3	12	HL004- 1.3	HL004- 1.1	140	200
16	13	27	5.5	42	24.5	25	32.7	5.3	2.2	11.5	HL004- 2.3	HL004- 2.1	135	200
17.5	14	28	6.2	42	25	25	33	6.2	3.2	12	HL004- 3.3	HL004- 3.1	129	200



Product Number											
Left hinge						Right hinge					
fixed hinge with 6.3 counterbore	Weight (g)	Lot	fixed hinge with M10 screw	Weight (g)	Lot	fixed hinge with 6.3 counterbore	Weight (g)	Lot	fixed hinge with M10 screw	Weight (g)	Lot
HL006L - 1	157	150	HL006L - 2	218	150	HL006R - 1	218	150	HL006R - 2	218	150

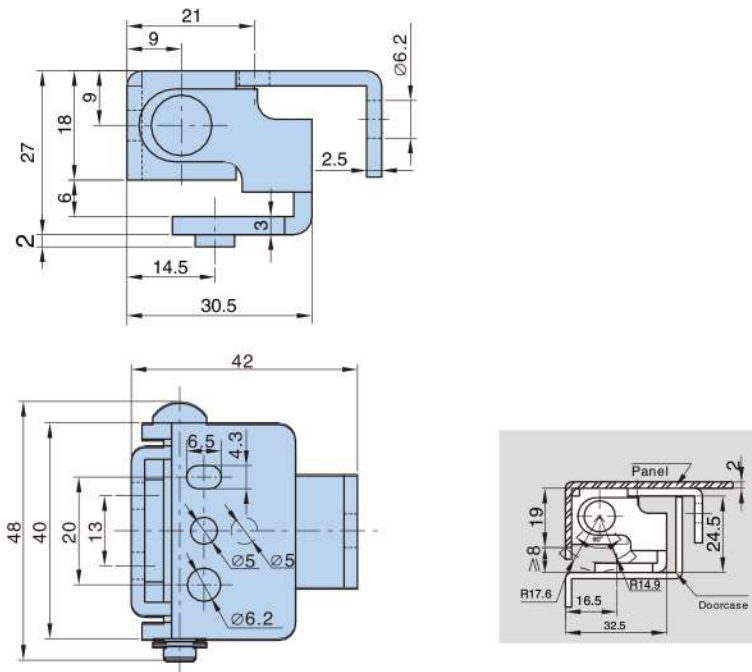


HL 006L - 1



HL 006L - 2

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available, brass washer
- Finish: Matt black, Black powder coated
- Remark: 180° hinge



Product no.	Weight (g)	Lot
HL007- 1	90	200



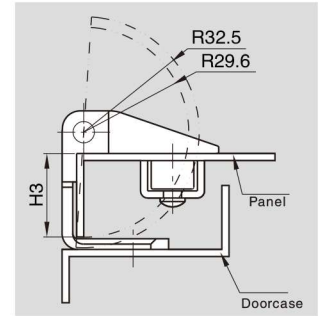
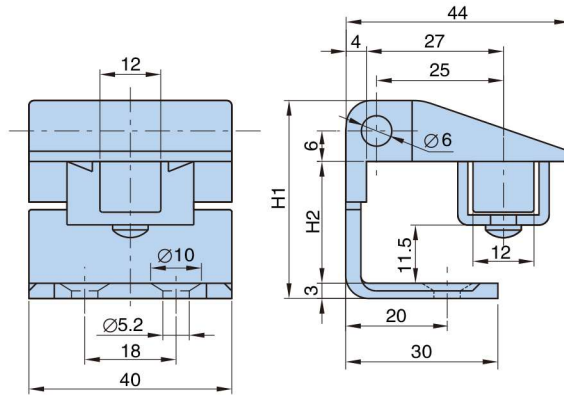
HL 007 - 1

- Material: Zinc plating steel hinge
- Finish: white zinc plating
- Remark: 90° hinge



### HL 008

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available.
- Remark: 180° hinge.



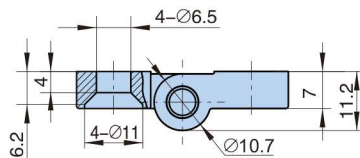
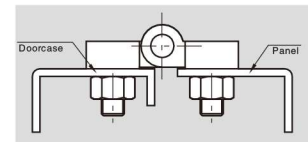
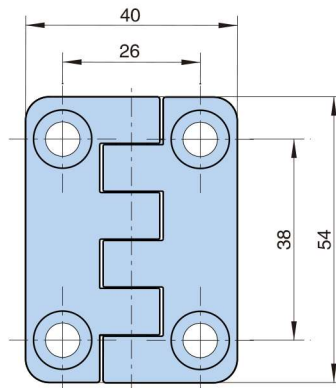
Dimensions			Product Number			
H1	H2	H3	Black powder coated	Gray paint sprayed	Weight (g)	Lot
42	27	26.5	HL008- 1.3	HL008- 1.8	166	150



### HL 009 - 1A

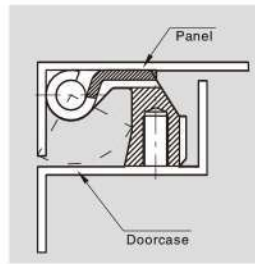
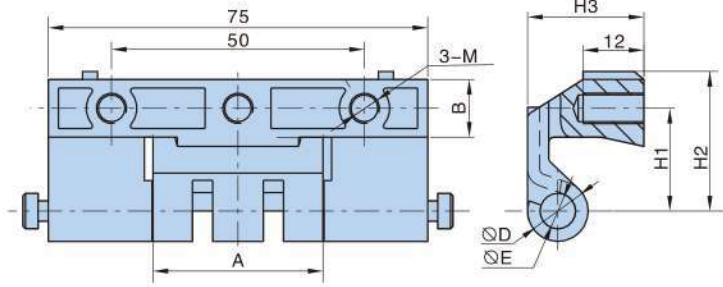


### HL 009 - 2



Product no.	Weight (g)	Lot
HL009- 1A	108	200
HL009- 2	85	250





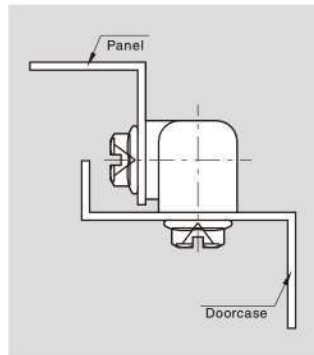
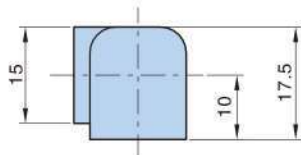
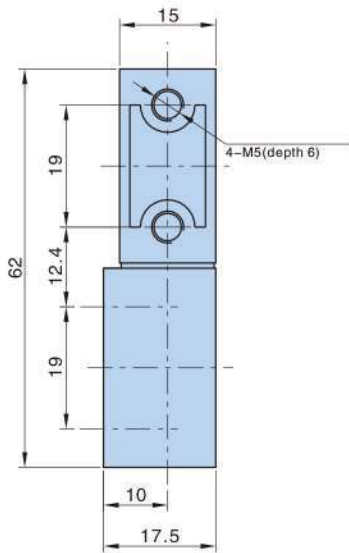
**HL 011 - 1**



**HL 011 - 2**

- Material: Zinc die-casting fixed hinge, Zinc plating moving hinge, nickel plating steel pin are available.
- Remark: 90° hinge

Dimensions								Product Number			
A	B	H1	H2	H3	M	ØD	ØE	H2		Weight (g)	Lot
33.6	11	20.5	28	23.5	6	12	7	Black powder coated	Gray paint sprayed	153	200
33.6	11	20	25.5	20.5	6	12	7	HL011- 1A.3	HL0011- 1A.8	142	200
32	8	16.5	20.5	18	4	9	5	HL011- 2.3	HL011- 2.8	102	300



**HL 018**

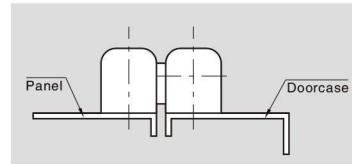
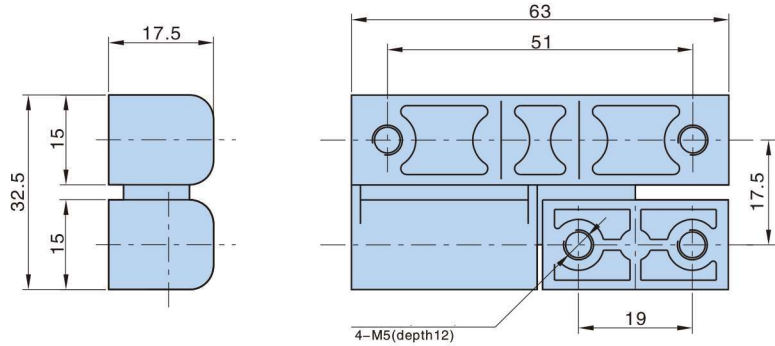
- Material: Zinc die-casting hinge
- Finish: Black powder coated
- Remark: 180° hinge

Product no.	Weight (g)	Lot
HL018- 1	70.5	400



**HL 019R**

- Material: Zinc die-casting hinge
- Remark: 180° hinge



Characteristic	Product no and surface treatment				
	Black powder coated	Gray chrome plating	Matt black powder coated	Weight (g)	Lot
Right hinge	HL019R.3	HL019R.2	HL019R.1	136	200
Left hinge	HL019L.3	HL019L.2	HL019L.1	136	200

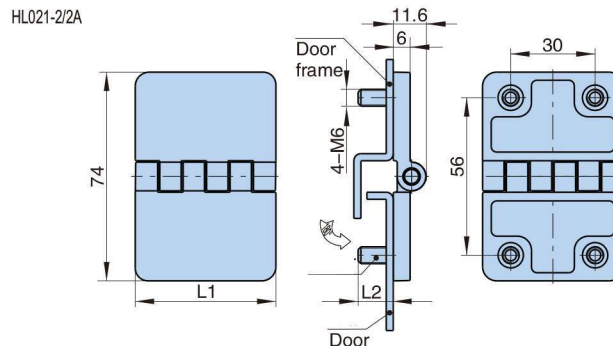
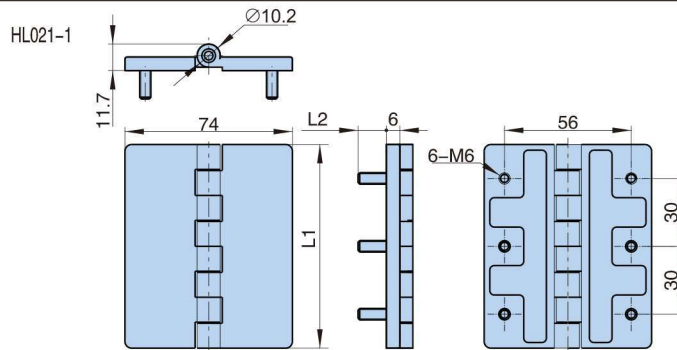


**HL 021 - 1**

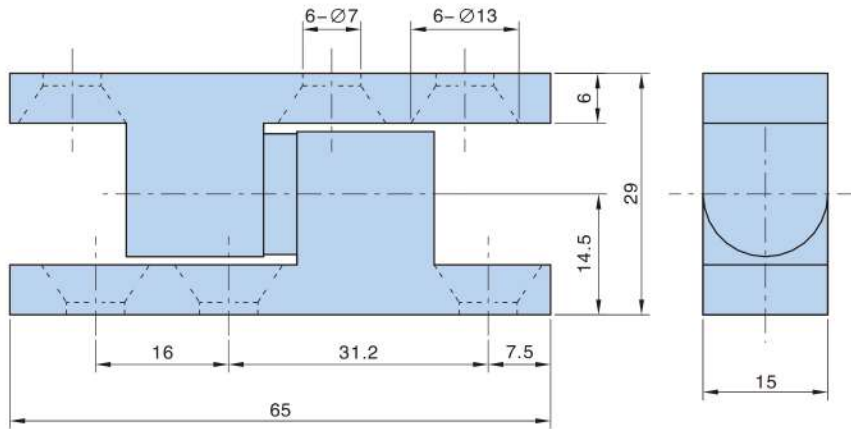


**HL 021 - 2A**  
**HL 021 - 2**

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Black powder coated
- Remark: 180° hinge.



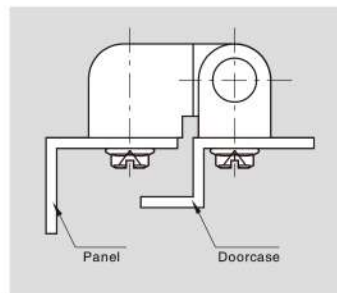
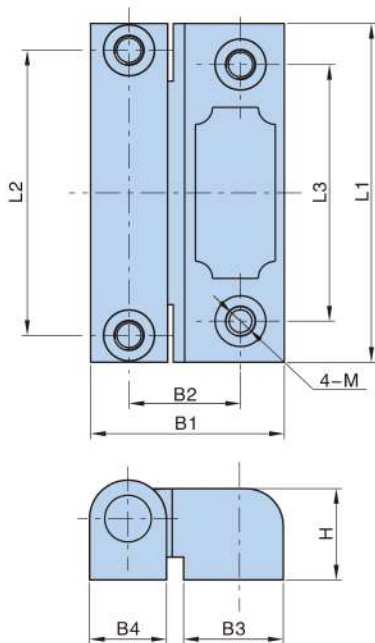
Product no.	Dimensions		Weight (g)	Lot
	L1	L2		
HL021- 1	90	12.5	232	100
HL021- 2	50	12.5	137	200
HL021- 2A	50	12.5	128.7	200



**HL 022**

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Black powder coated
- Remark: 180° hinge

Product no.	Weight (g)	Lot
HL022	106	300



**HL 023 - 1**



**HL 023 - 2**



**HL 023 - 3**

Dimensions										Product Number							
L1	L2	L3	B1	B2	B3	B4	H	M		Without torque				Torque hinge			
										Black powder coated	Gray chrome plating	Weight (g)	Lot	Black powder coated	Gray chrome plating	Weight (g)	Lot
59.5	50	45	34	19.5	17.5	13.5	17.5	5		HL023-1.3	HL023-1.2	165	200	HL023-1Z.3	HL023-1Z.2	165	200
30	22	22	28.5	18.5	15.5	10	13	4		HL023-2.3	HL023-2.2	42.5	400	HL023-2Z.3	HL023-2Z.2	42.5	400
30	22	22	22	13	9	10	13	4		HL023-3.3	HL023-3.2	43	500	HL023-3Z.3	HL023-3Z.2	43	500

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Remark: 180° hinge



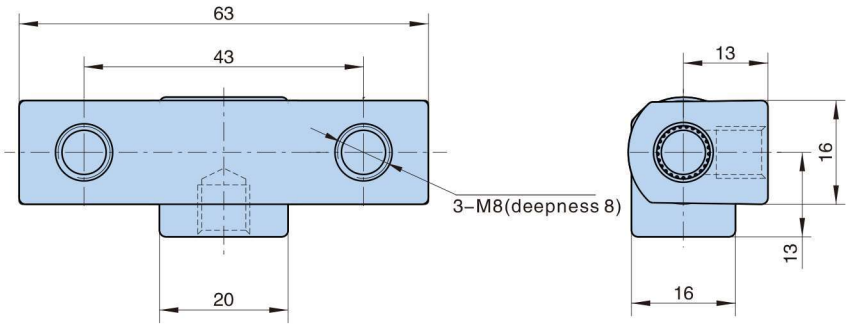
HL 025 - 1



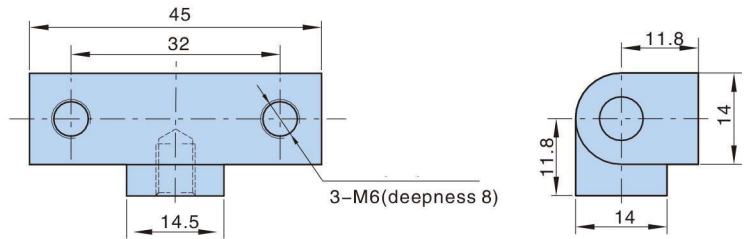
HL 025 - 2

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available, plastic washer.
- Remark: 180° hinge

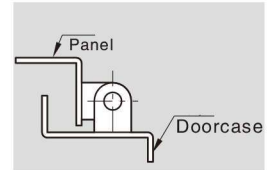
HL025-1



HL025-2



Product Number					
Gray chrome plating	Weight (g)	Lot	Black powder coated	Weight (g)	Lot
HL025- 1.2	127.5	300	HL025- 1.3	127.5	300
HL025- 2.2	68.5	400	HL025- 2.3	68.5	400



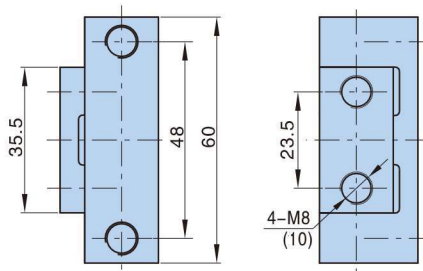
HL 029 - 1



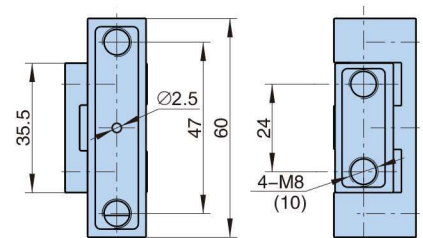
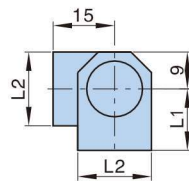
HL 029 - 2

HL 029 - 3

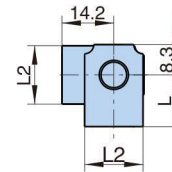
- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Bright chrome plating
- Remark: 180° hinge



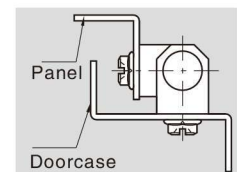
HL029-1/-2

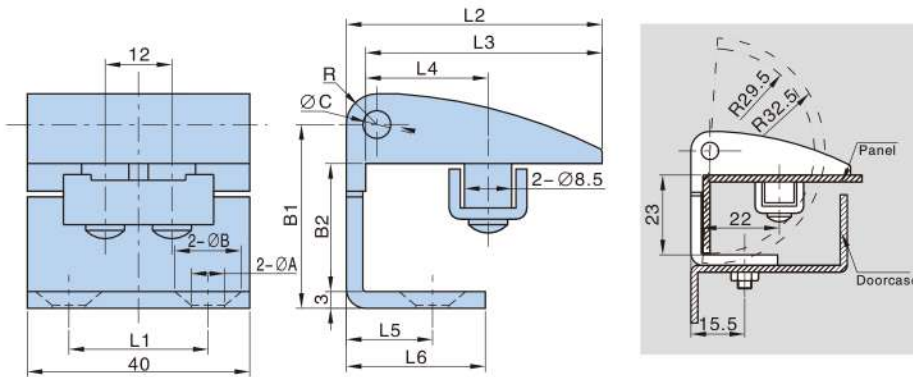


HL029-3



Dimensions		Product Number	Weight (g)	Lot
L1	L2			
20	19.8	HL029- 1	228	150
15	18	HL029- 2	170	150
14.2	16	HL029- 3		

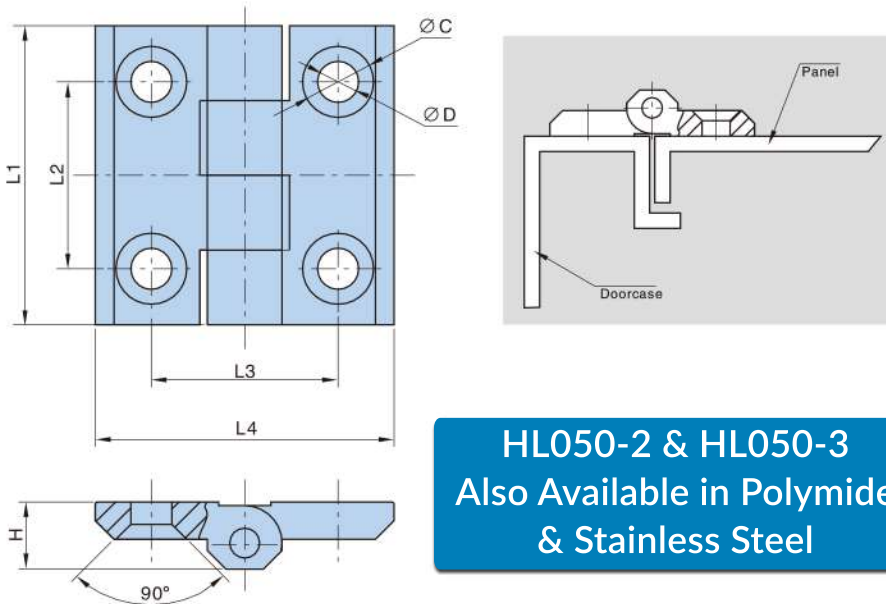




**HL 044 - 1**

Dimensions											Product Number				
L1	L2	L3	L4	L5	L6	B1	B2	ØA	ØB	ØC	R	Black powder coated	Bluish green	Weight (g)	Lot
25	46	42.5	22	15.5	25	34	24.5	6	12	5	5.5	HL044- 1.3	HL044- 1.9	142	200
20	46.3	43.2	22.7	18	25.5	32	22.5	7	11.5	5.1	5	HL044- 1B.3	HL044- 1B.9	126	200
25	46	42.5	20.2	18	25	24.5	15	M6		5.1	5	HL044- 7.3	HL044- 7.9	135	200

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available.
- Remark: 180° hinge



**HL050-2 & HL050-3**  
Also Available in Polymide & Stainless Steel



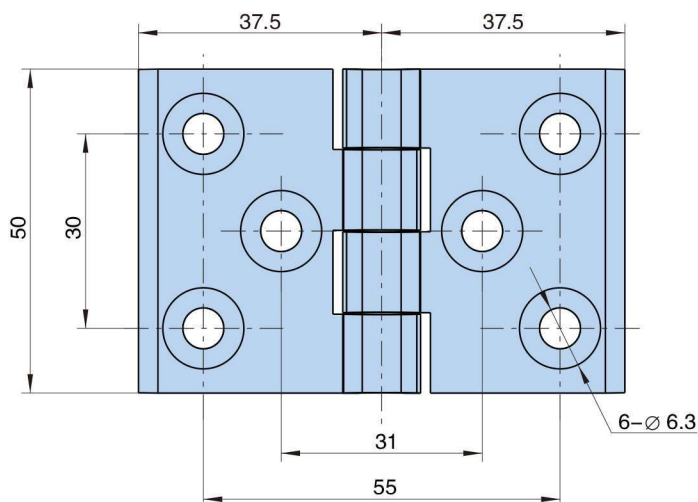
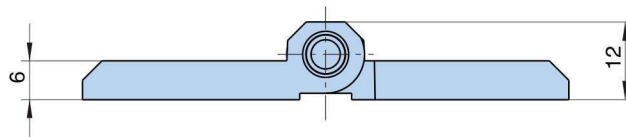
Dimensions								Product Number							
L1	L2	L3	L4	H	ØC	ØD		Black powder coated	Bright chrome plating	Weight (g)	Lot	Stainless steel	Weight (g)	Lot	
60	36	36	60	15	16.5	8.5		HL050- 1.3	HL050- 1.1	142	200	HL050- 1S	168.2	200	
50	30	30	51	12	12.5	6		HL050- 2.3	HL050- 2.1	89.5	400	HL050- 2S	102	200	
40	25	25	40	9	10	5.3		HL050- 3.3	HL050- 3.1	45	500	HL050- 3S	50	500	
50	30	56	76	12	12.5	6.5		HL050- 2G.3	HL050- 2G.1	120.5	200	HL050- 2GS	145	200	
70	40	60	90	15	16.5	8.7		HL050- 1G.3	HL050- 1G.1	350	500				

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Remark: 180° hinge



### HL 050 - 2 A

Material: zinc alloy hinge, A3 for the pin  
Finish: bright chrome  
Function: 180° hinge



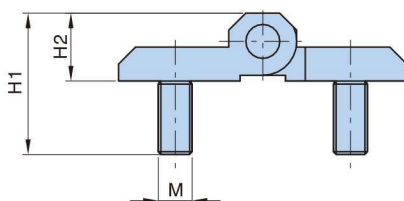
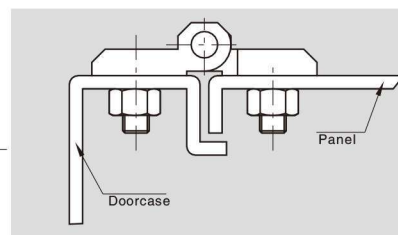
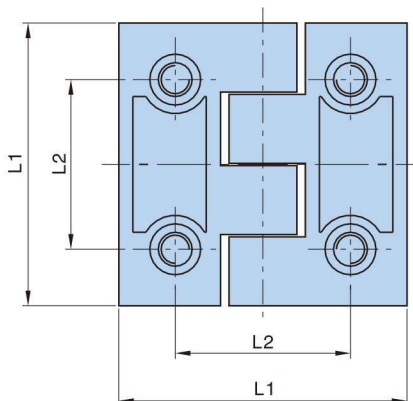
Product no.	Weight (g)	Lot
HL050- 2A	112.9	200



### HL 051 - 1

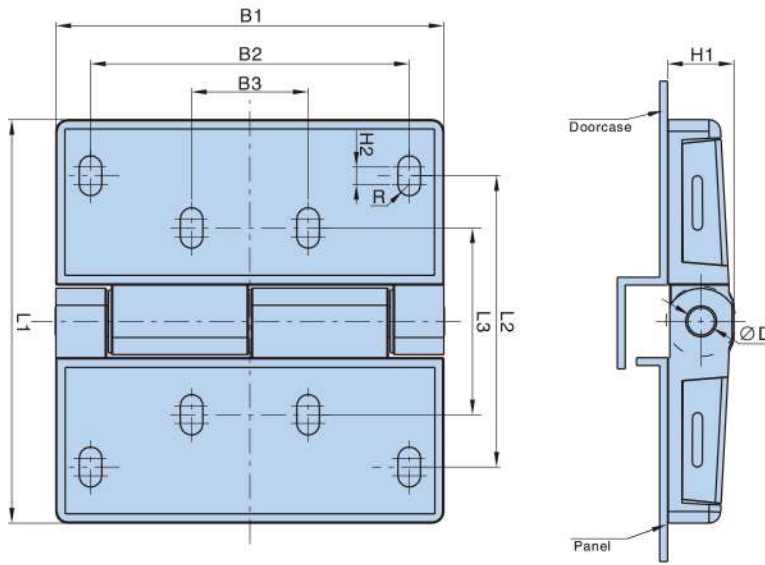


### HL 051 - 2    HL 051 - 3



Dimensions					Product Number		Weight (g)	Lot
L1	L2	H1	H2	M	Black powder coated	Bright chrome plating		
60	36	29	15	8	HL051-1.3	HL051-1.1	208	150
51	30	25	12	6	HL051-2.3	HL051-2.1	119.5	200
40	25	21	9	5	HL051-3.3	HL051-3.1	62	400

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available.
- Remark: 180° hinge



Dimensions										Product Number	Weight (g)	Lot
L1	L2	L3	B1	B2	B3	H1	H2	R	ØD	Matt gray chrome plating		
104	75	48	100	82	30	17	4.5	2.9	18.5	HL058- 1	558	60
86	62	42	80	55	25	14.5	2.8	2.6	15.5	HL058- 2	321	100
63	45.4	30.4	60	40	20	11.5	1.3	2.1	12	HL058- 3	146	200

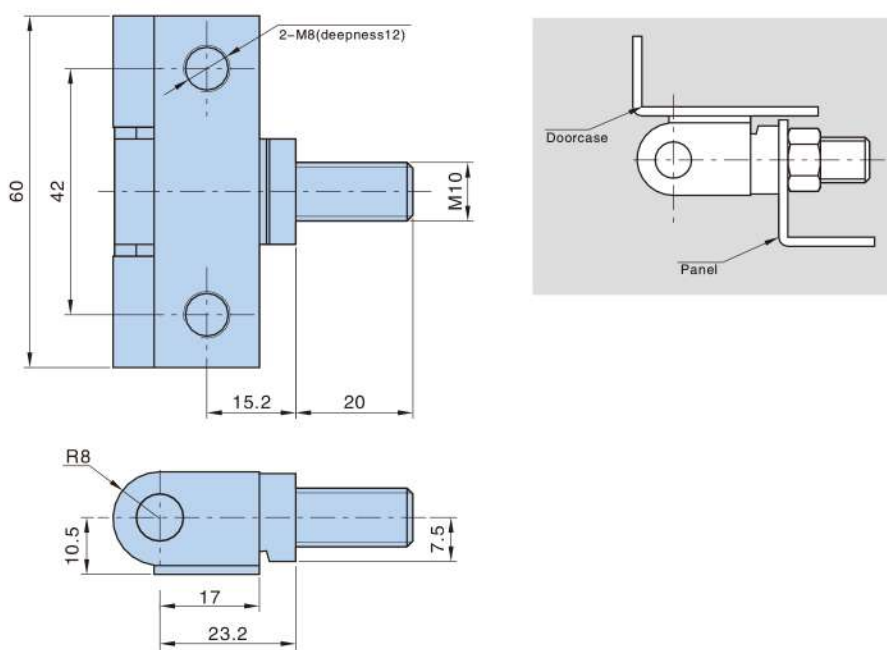


HL 058 - 1

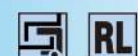


HL 058 - 2

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available, Mirror surface stainless steel cover, brass washer.
- Remark: 180° hinge.



Product Number		Weight (g)	Lot
Right hinge	HL061R	164	200
left hinge	HL061L	164	200



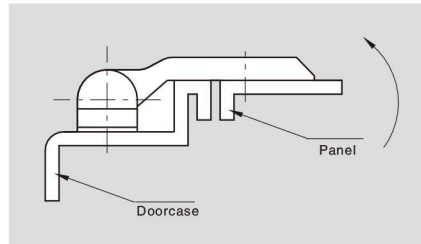
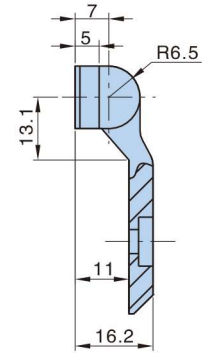
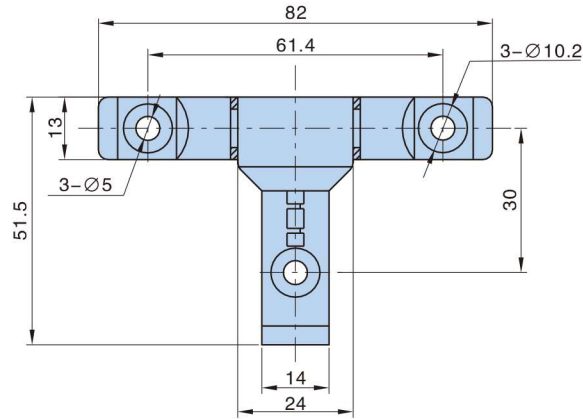
HL 061 R

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Bright chrome plating
- Remark: 180° hinge.



### HL 065

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available, plastic washer
- Finish: Black powder coated
- Remark: 180° hinge

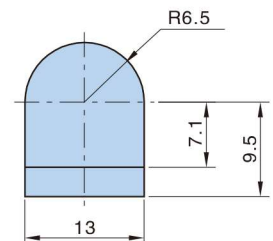
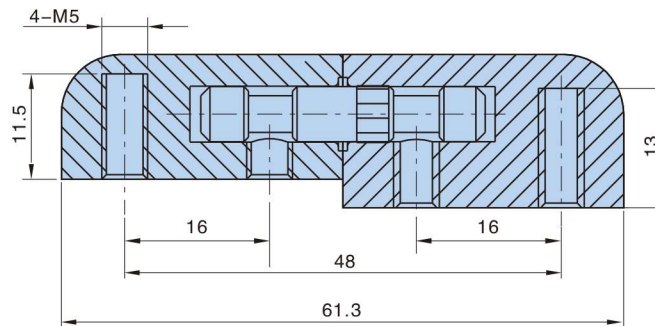


Product no.	Weight (g)	Lot
HL065	73	200



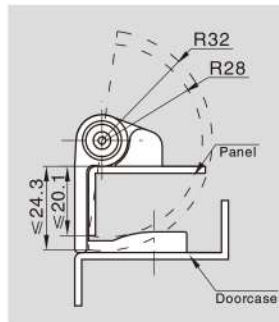
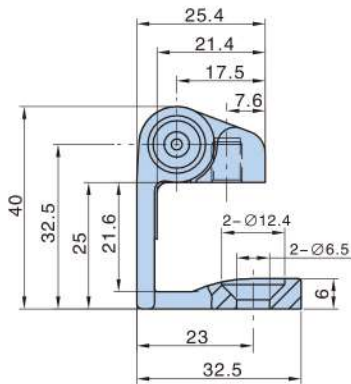
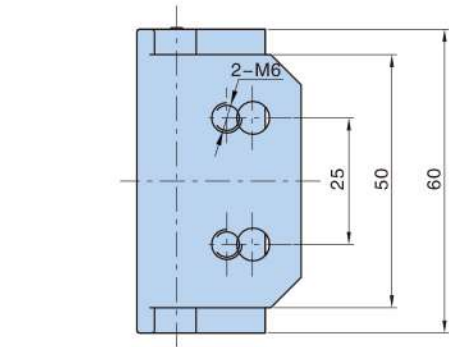
### HL 066

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Bright chrome plating
- Remark: 180° hinge



Product no.	Weight (g)	Lot
HL066	59	500



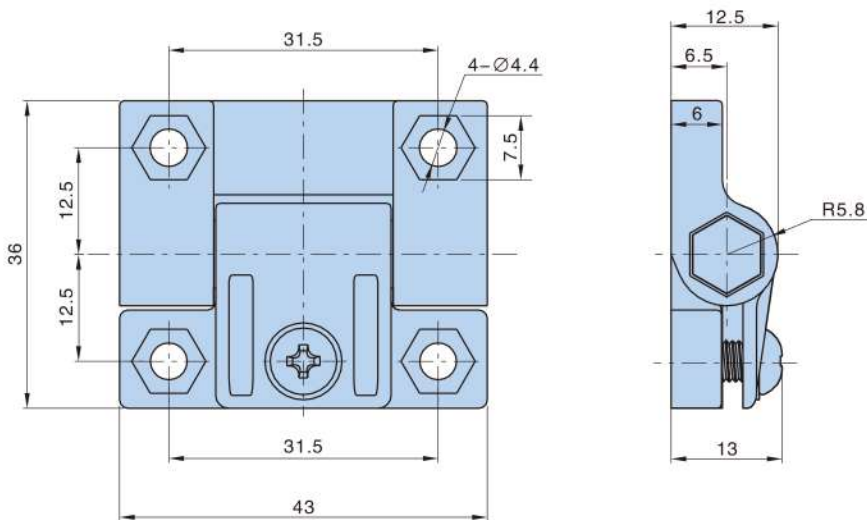


Product no.	Weight (g)	Lot
HL073	181	200



HL 073

- Material: Zinc die-casting hinge, PA-66 pin
- Finish: Matt black
- Remark: 180° hinge.



Product no.	Weight (g)	Lot
HL079	12	2500

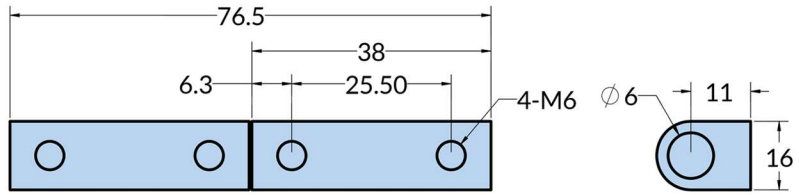


HL 079

- Material: plastic hinge
- Finish: Matt black
- Remark: Adjustable damp 180° torque hinge



**HL 080**

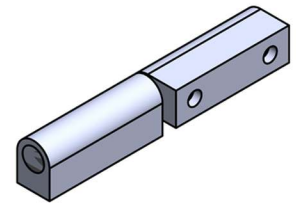
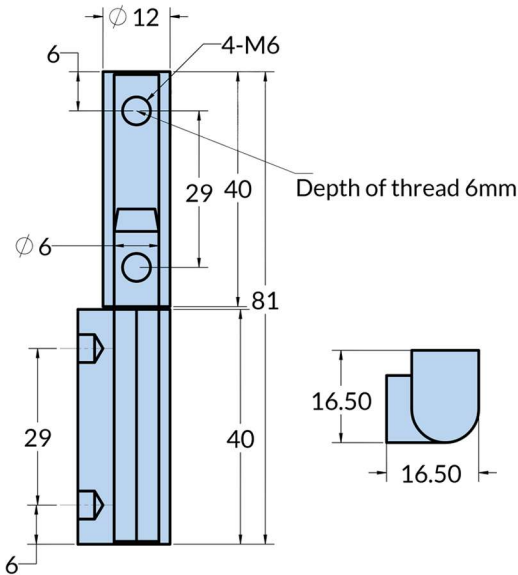


**Stainless Steel**

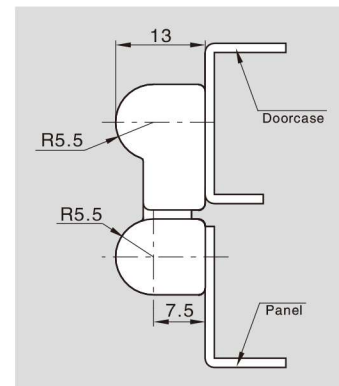
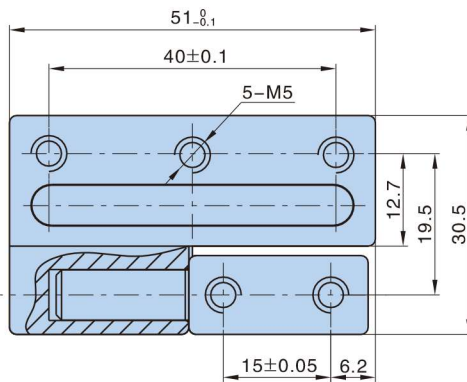


**HL 080 A**

- Material: Stainless steel hinge
- Finish: drawing
- Remark: 180° hinge

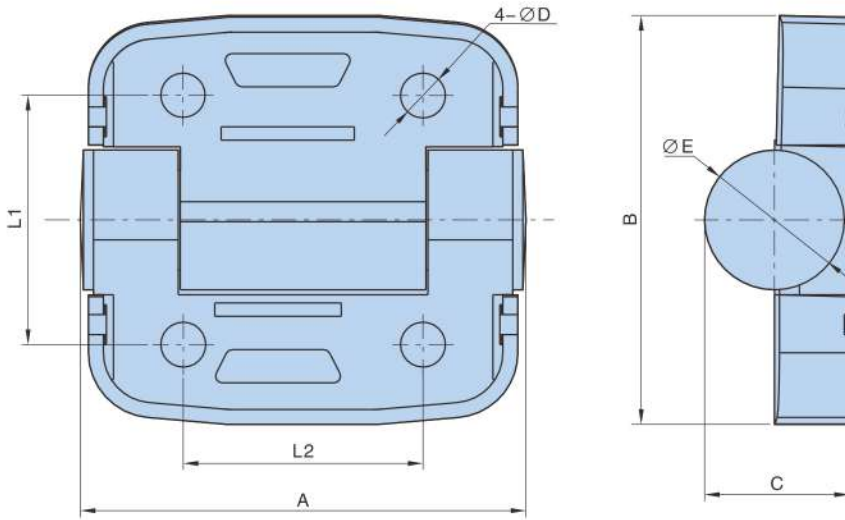


**HL 081**



- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Black powder coated
- Remark: 180° hinge

Product no.	Weight (g)	Lot
HL081	89	200



Dimensions							Product Number	Weight (g)	Lot
A	B	C	ØD	ØE	L1	L2			
62.5	58	20.8	Ø6.5	Ø20	36	36	HL091-1	46	400
44.6	41	14.5	Ø4.5	Ø14	25	24	HL091-2	18	500

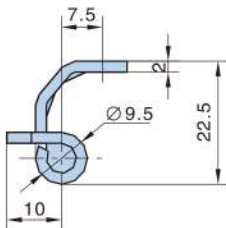
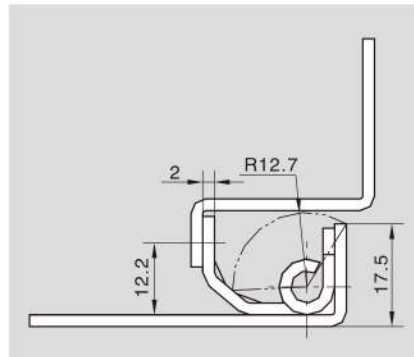
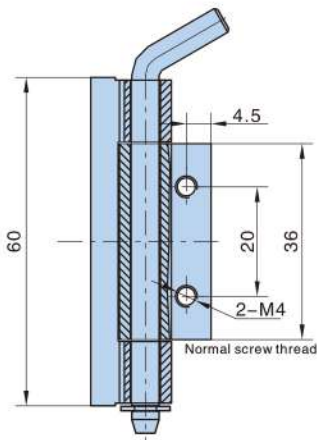


HL 091- 1



HL 091-2

- Material:PA-6 hinge
- Finish:Matt black
- Remark:180° prominent hinge both left and right use



Product Number		Weight (g)	Lot
Zinc plating steel	HL092	53	500
Stainless steel	HL092S	65	500



HL 092

HL 092s

- Material:Zinc plating steel and Stainless steel are available
- Remark:120° hinge



HL 096 - 1

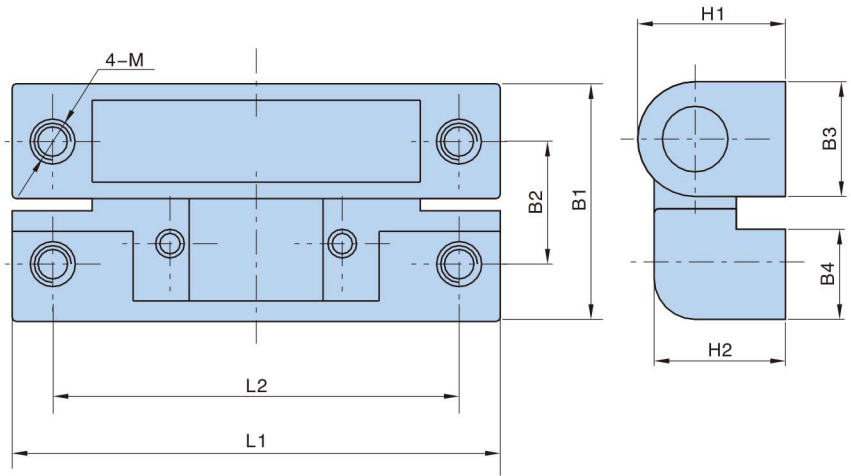


HL 096 - 2



HL 096 - 3

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Remark: 180° hinge



Dimensions									Product Number			
L1	L2	B1	B2	B3	B4	H1	H2	M	Black powder coated	Gray chrome plating	Weight (g)	Lot
59.5	50	29	15	14	11	18	16	5	HL096- 1.3	HL096- 1.2	166	300
50	40	24.5	12.5	12	9.5	15	13	4	HL096- 2.3	HL096- 2.2	82	400
30	22	21.5	12.5	10	9	13	11.5	4	HL096- 3.3	HL096- 3.2	39	500

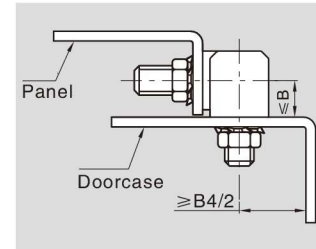
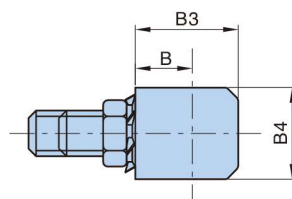
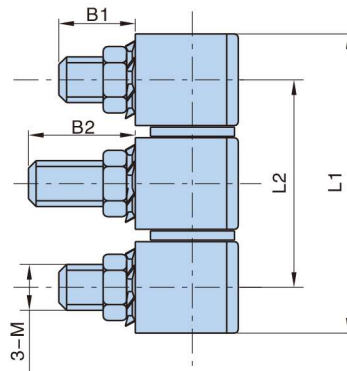


HL 103 - 1

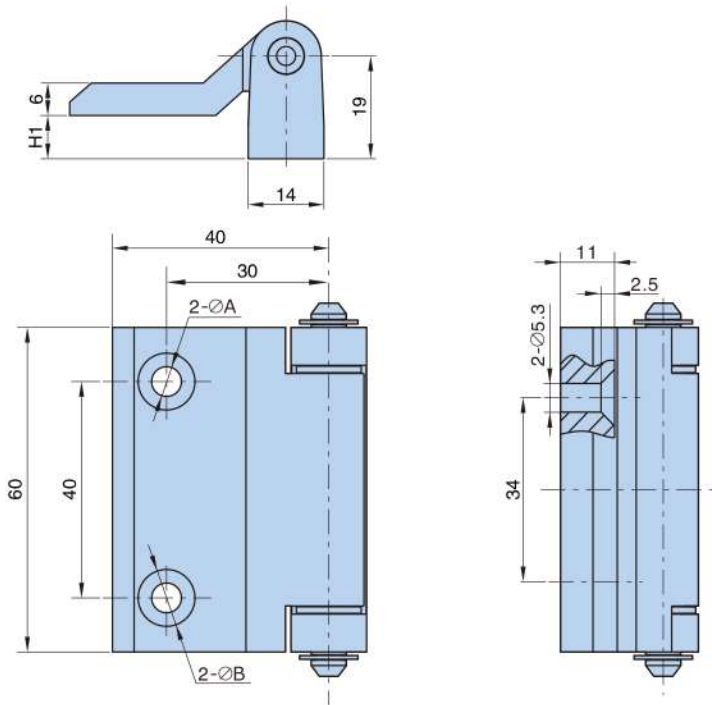


HL 103 - 2

- Material: Mirror surface stainless steel body
- Finish: drawing
- Remark: 180° hinge



Product Number	Dimensions								Weight (g)	Lot
	L1	L2	B	B1	B2	B3	B4	M		
HL103- 1	49	33	10	14	22	18	16	8	135	200
HL103- 2	39	27	7.5	10	14	13.5	12	6	120	200



Product Number	Dimensions			Weight (g)	Lot
	H1	A	B		
HL111- 1- 1	8	5.5	10.5	161	200
HL111- 1A- 1	10	5.3	10.7	166.4	200

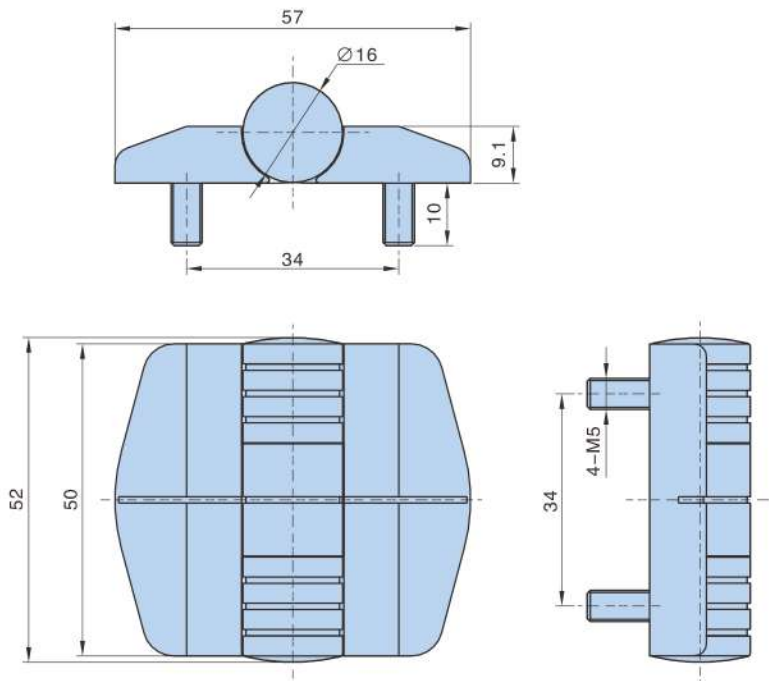


HL 111 - 1



HL 111 - 1A

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Black powder coated, Sandblasting bright chrome plating Pocked chrome plating
- Remark: 180° hinge



Product no.	Weight (g)	Lot
HL045	143	200



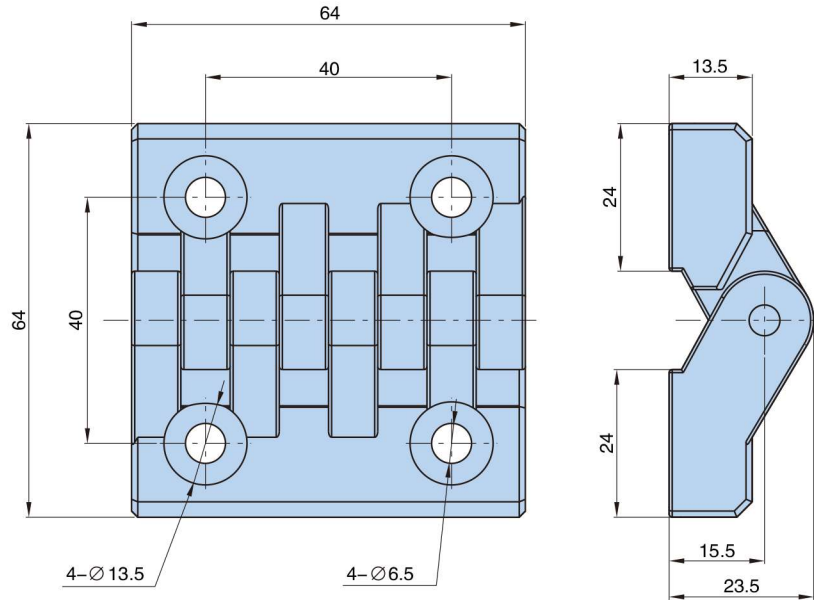
HL 045

- Material: Zinc die-casting hinge, plastic waterproof cap, stainless steel and nickel plating steel pin are available
- Finish: Matt black
- Remark: 165° hinge.



### HL 116

- Material: PA66 hinge, Zinc plating steel pin
- Finish: Matt black

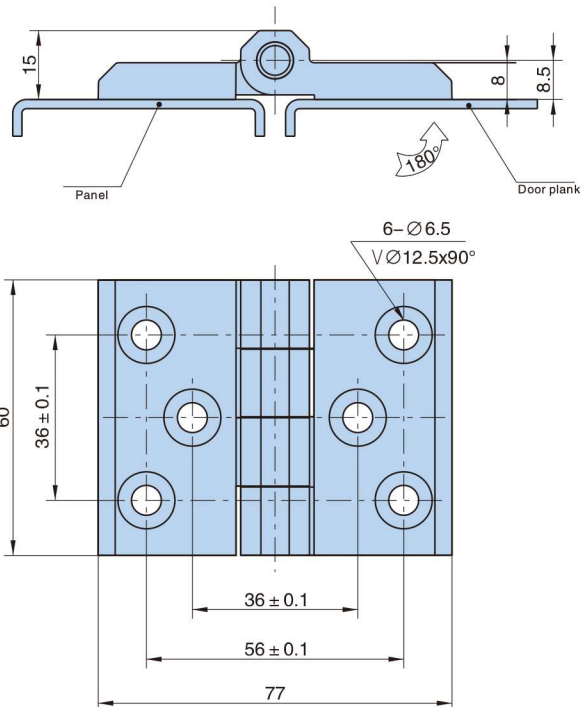


Product no.	Weight (g)	Lot
HL116	60	200



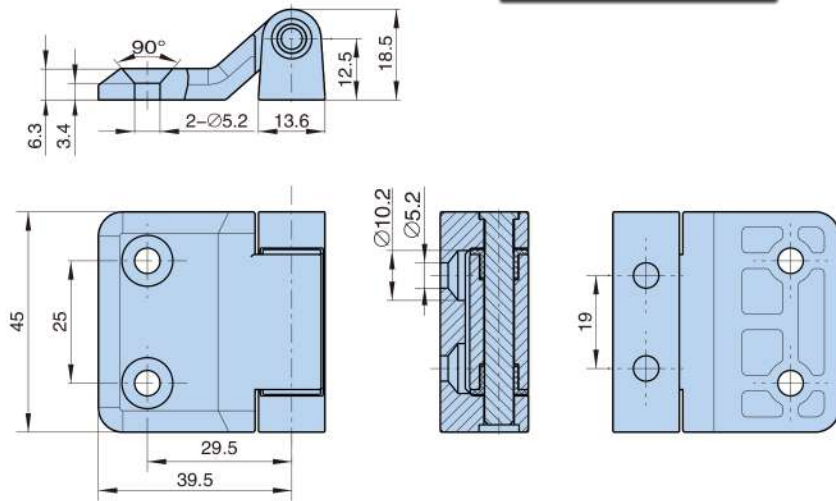
### HL 133S

- Material: Stainless steel hinge and pin
- Finish: drawing
- Remark: 180° hinge



Product no.	Weight (g)	Lot
HL133S	223	200

**Stainless Steel**

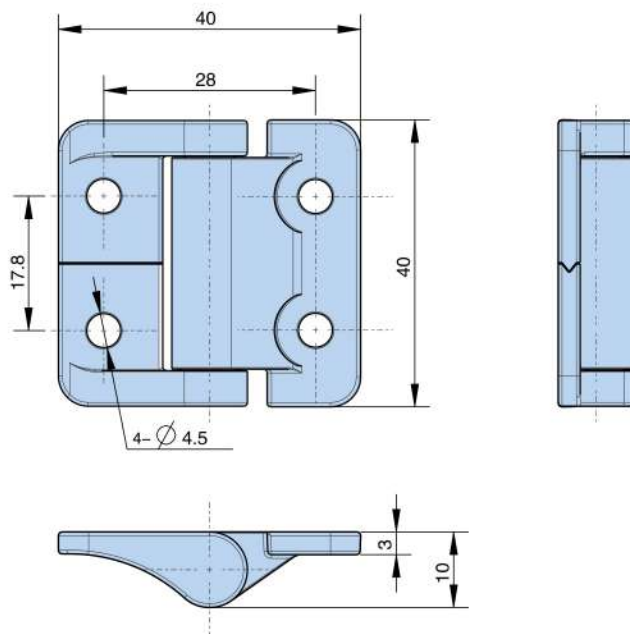


Product no.	Weight (g)	Lot
HL145-1	126	



**HL 145 - 1**

- Material: Stainless steel hing
- Finish: drawing
- Remark: 180° hinge



Product no.	Weight (g)	Lot
HL161-1	40.5	

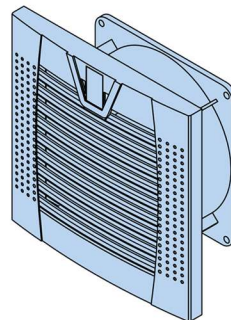


**HL 0161 - 1**

- Material: Zinc die-casting hinge, stainless steel and nickel plating steel pin are available
- Finish: Pocked chrome plating
- Remark: 270° hinge

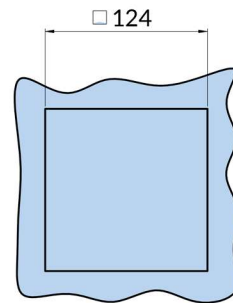
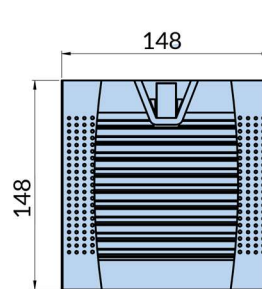
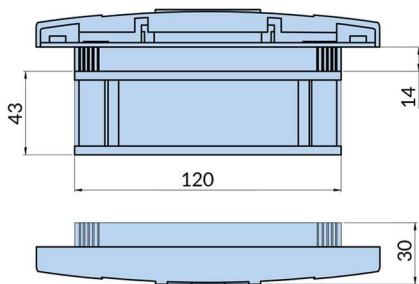


Open & Close Schematic Diagram



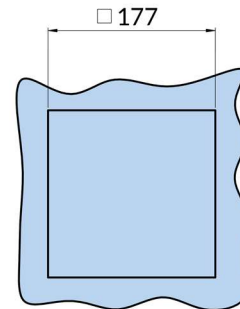
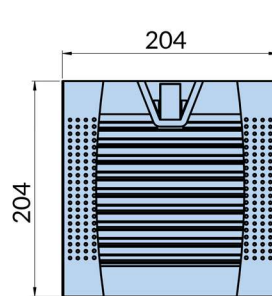
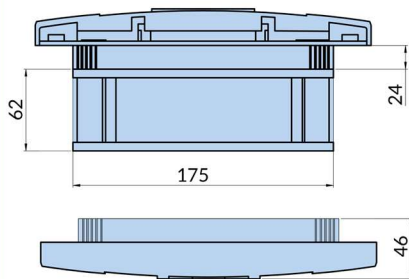
**Model No : LK148**

**Size 148/148 mm**



**Model No : LK204**

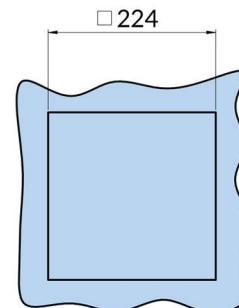
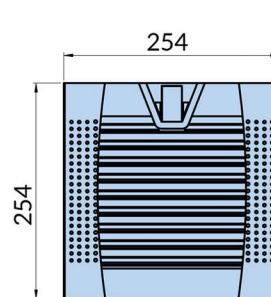
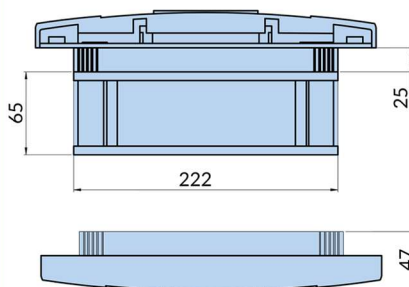
**Size 204/204 mm**



**Model No : LK254**

**Size 254/254 mm**

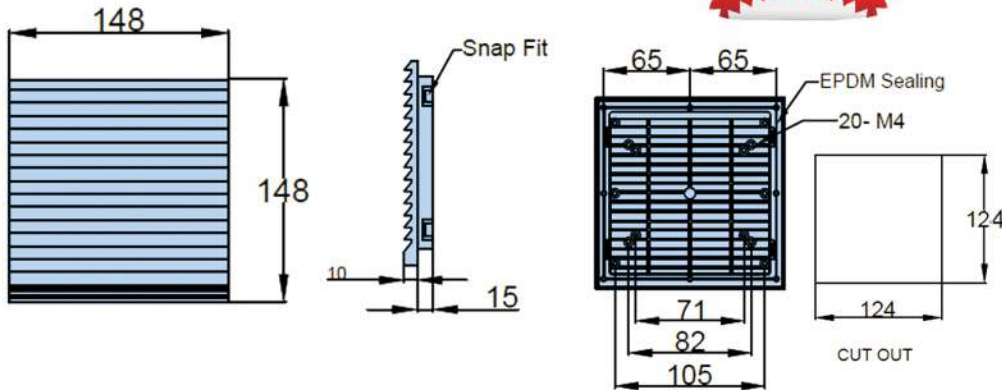
**Fan & Filters**





**Model No: FBL 9803**

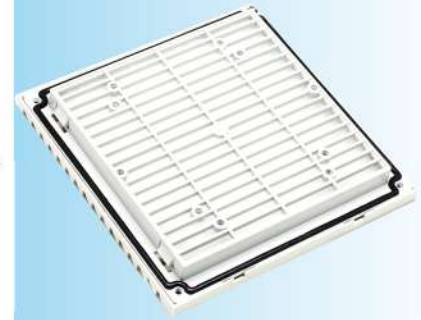
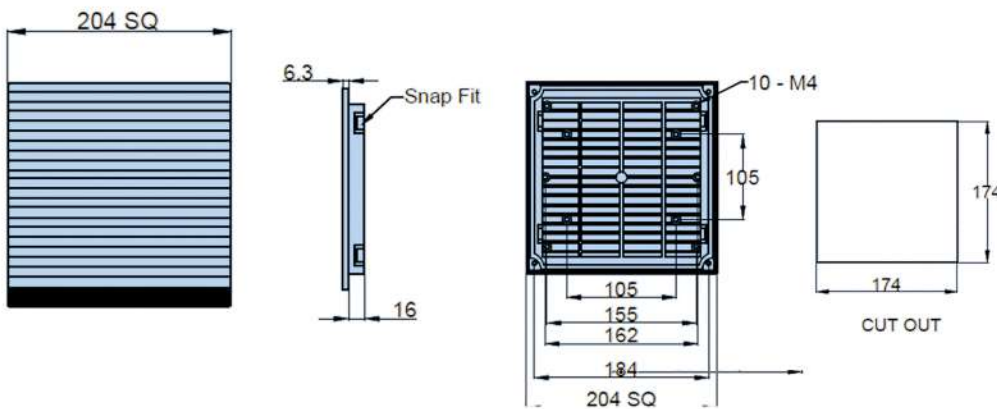
Fans can be mounted directly to the Airvents



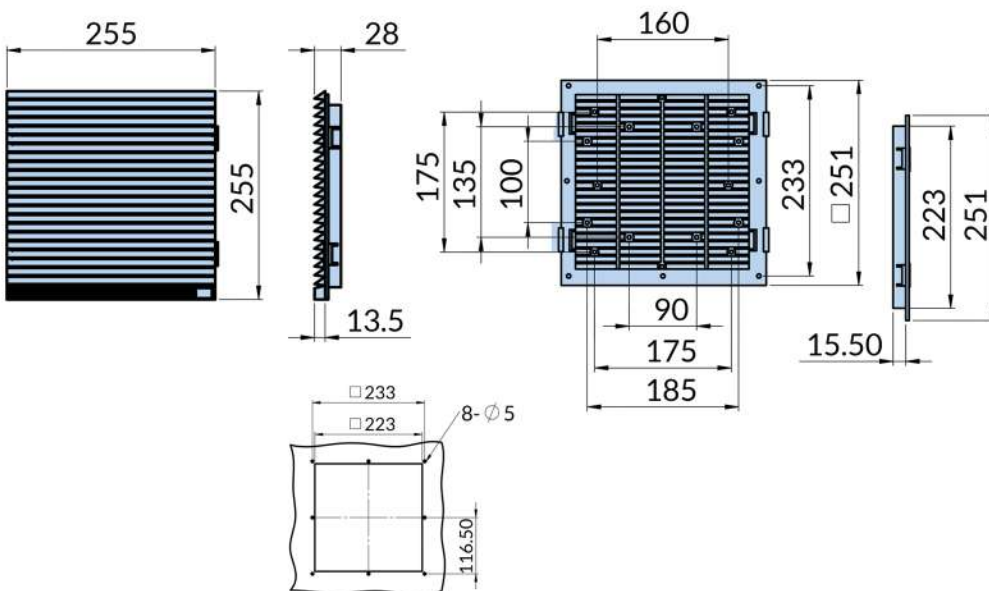
IP 54  Shade RAL 7032 on request



**Model No: FBL 9804**



**Model No: FBL 9805**



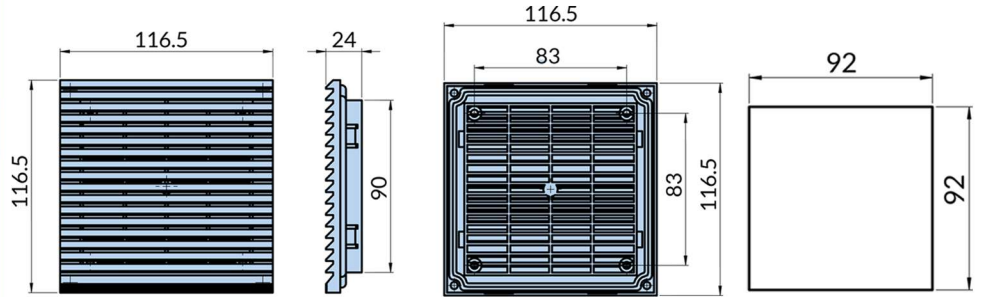
**Fan & Filters**



**NRF - 01 A**

Model No : FKL6621.300

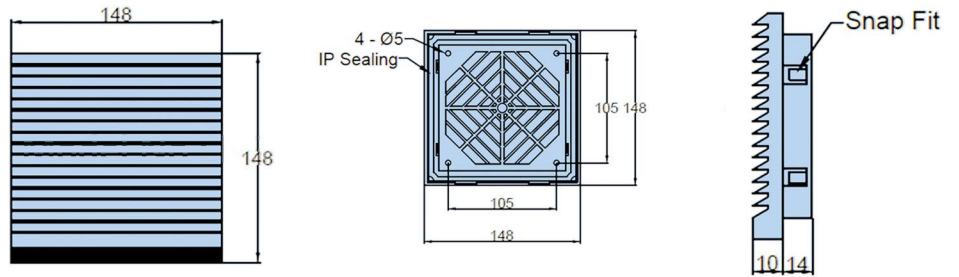
Flat Type



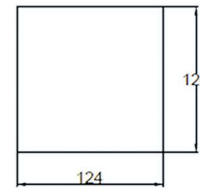
**NRF - 01**

Model No : FKL6622.300

Flat Type



Type FKL6622.300

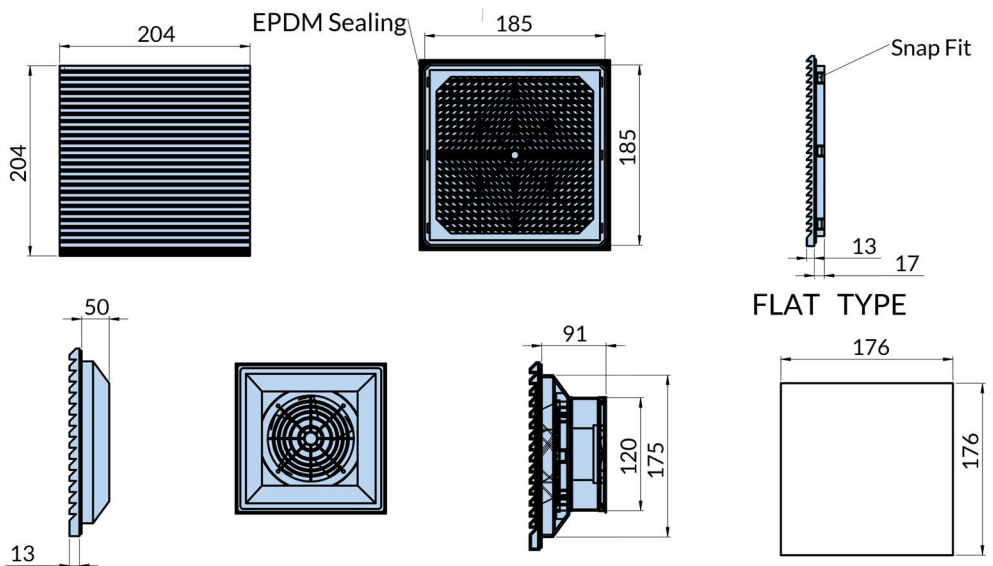


Flat Type

**NRF - 02 A**



Dhoom Type



DOOM TYPE

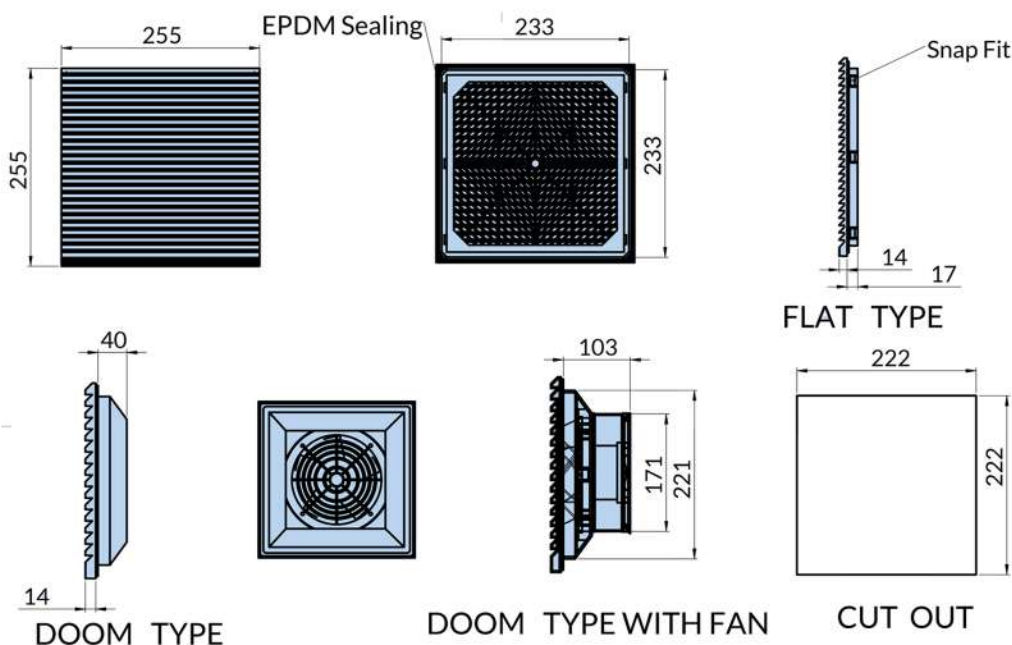
DOOM TYPE WITH FAN

CUT OUT

Part No	Model No	Type	Size of Airvents
NRF - 02	FKL6623.230	Flat	177X177mm
NRF - 02 A	FKL6623.300	Dhoom	177X177mm

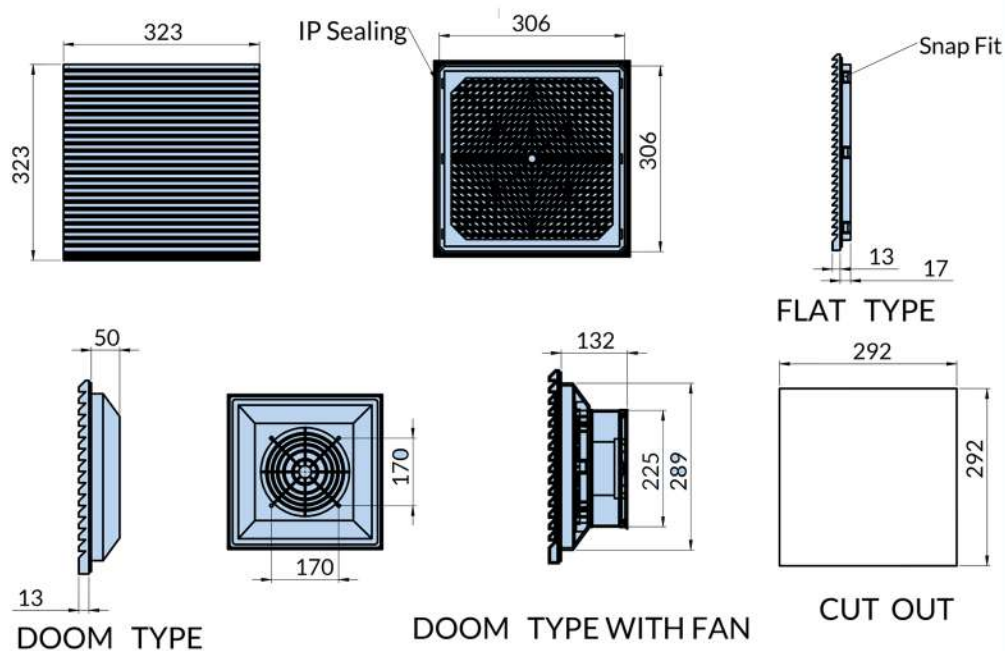
**Fan & Filters**

**NRF - 03 A**



Part No	Model No	Type	Size of Airvents
NRF - 03	FKL6625.230	Flat	224X224mm
NRF - 03 A	FKL6625.300	Dhoom	224X224mm

**NRF - 04 A**



Part No	Model No	Type	Size of Airvents
NRF - 04	FKL6626.230	Flat	292X292mm
NRF - 04 A	FKL6626.300	Dhoom	292X292mm



**Flat Type**



**Dhoom Type**

**Fan & Filters**



Flat Type



Dhoom Type

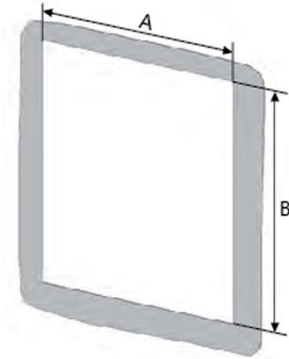
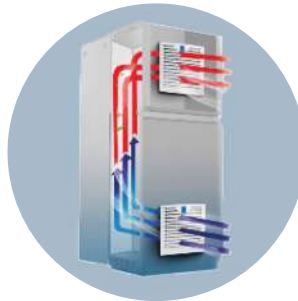
## Fan & Filters

Model No : FF145

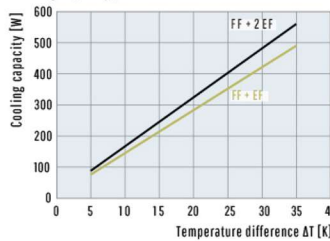
Filter Outer Size : 145 x 145

Cut out : 125 x 125

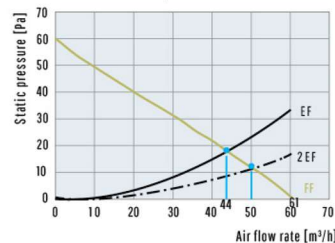
IP-55  
Certified



Cooling capacity performance curves



Characteristics of static pressure



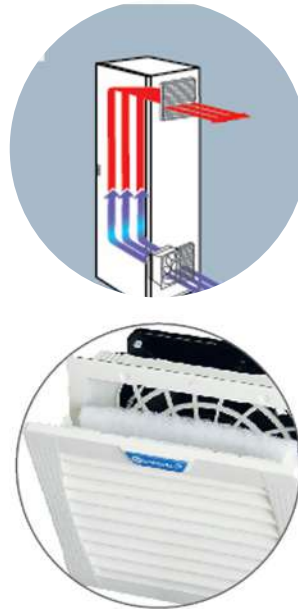
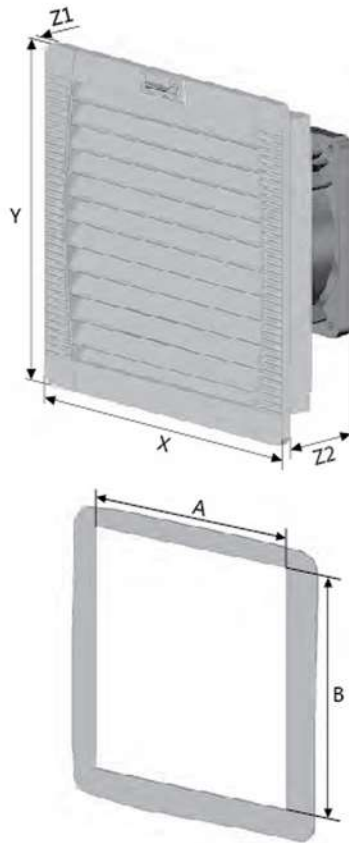
mm	FF145	EF 145
	AC	DC
X	145	145
Y	145	145
Z1	5	5
Z2	70	27
A'	125	125
B'	125	125

<sup>1</sup>for material thickness up to 2mm  
> 1 mm for thickness of material  
> 2 mm ≤ 3 mm

Model FF	Unit	FF145.230	FF145.115	FF145.012	FF145.024	FF145.048
Rated operating voltage/frequency	V/Hz	AC 230 /115, 50/60				
Unimpeded air flow	m³/h			IP54-61-70	IP55-56-64	
Combined air volume	m³/h			IP54-44-52	IP55-40-46	
Rated Power	W	19-14	18-15	5	5	5
Rated current max.	A	0.12-0.10	0.24-0.20	0.42	0.21	0.1
Noise level	dB(A)	44			44	
Type of connection		Terminal row				
Filtration efficiency	%	88				
Filter pad performance level		G3				
Duty cycle	%	100				
Bearing type		sleeve bearing		ball bearing		
Service life	h	37,500	40,000	62,500		
Operating temperature range	°C	-40--+70				
Design		made of injection-moulded thermoplastic, self-extinguishing UL 94 V0				

Filter Outer Size : 202 x 202  
Cut out : 177 x 177

Model No : FF202



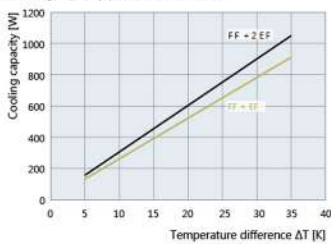
Flat Type



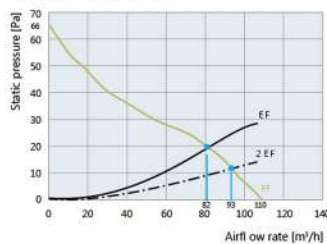
Dhoom Type

Fan & Filters

Cooling capacity performance curves



Kennlinien Statischer Druck



Dimensions

mm	FF 202		EF 202
	AC	DC	
X	202	202	202
Y	202	202	202
Z1	6.5	6.5	6.5
Z2	87	87	30
A <sup>1</sup>	177	177	177
B <sup>2</sup>	177	177	177

<sup>1</sup> for material thickness up to 2mm  
<sup>2</sup> +1 mm for thickness of material > 2 mm ≤ 3 mm

Data		FF 202				
Model	Unit	FF202.230	FF202.115	FF202.012	FF202.024	FF202.048
Rated voltage ±10%	V	AC 50/60			DC	
Unimpeded air flow	m <sup>3</sup> /h	IP54-110/125			IP55-100/110	
Combined air volume	m <sup>3</sup> /h	IP54-82/93			IP55-55/64	
Power	W	19/18	20/20	5	5	5
Current	A	0.12/0.10	0.24/0.20	0.42	0.21	0.1
Noise level	dB(A)	40/40			40	
Type of connection		Terminal row				
Protection level		NEMA type 12 - standard filter				
Filtration efficiency	%	88				
Filter pad performance level		G3				
Duty cycle	%	100				
Bearing type		sleeve bearing			ball bearing	
Service life	h	37,500	40,000	62,500		
Temperature range	°C/°F	-40...+70/-40...+131				
Design		made of injection-moulded thermoplastic, self-extinguishing UL 94 VO				
Colour		RAL 7035, different colours on request				



### Flat Type



### Dhoom Type

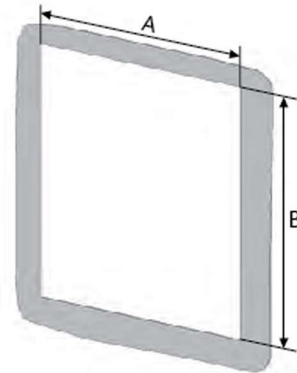
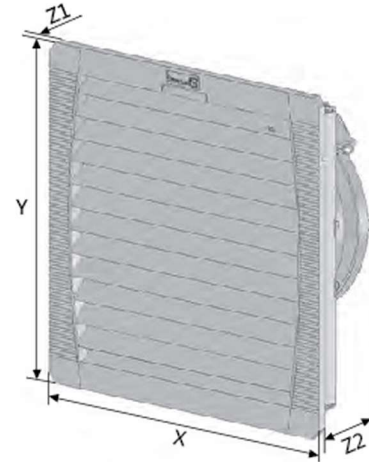
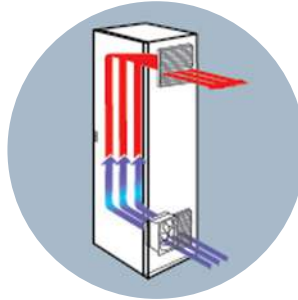
## Fan & Filters

Model No : FF 252

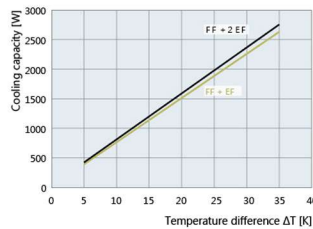
Filter Outer Size : 252 x 252

Cut out : 223 x 223

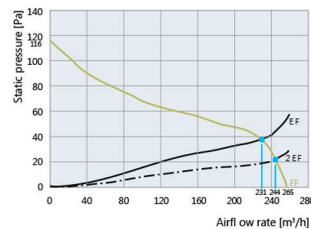
**IP-55  
Certified**



Cooling capacity performance curves



Kennlinien Statischer Druck



Dimensions

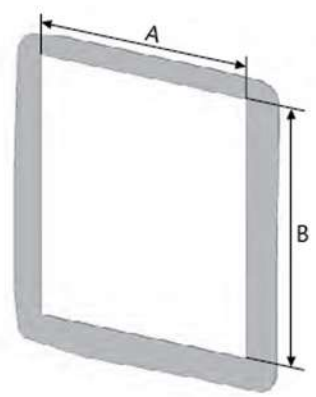
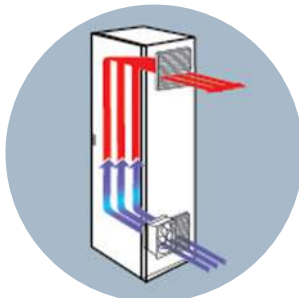
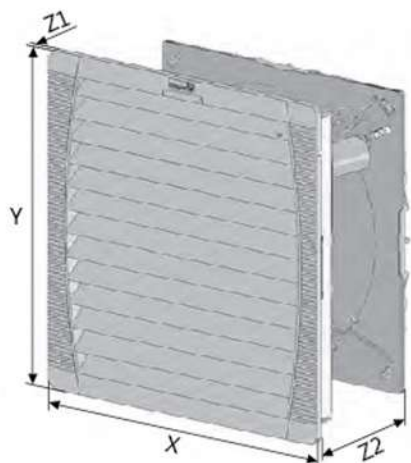
mm	FF252-M	EF 252
X	252	252
Y	252	252
Z1	6.5	6.5
Z2	114	33
A <sup>1</sup>	223	223
B <sup>1</sup>	223	223

<sup>1</sup> for material thickness up to 2mm  
+1 mm for thickness of material > 2 mm ≤ 3 mm

Data		FF 252-M		
Model	Unit	FF252-M.400	FF252-M.230	FF252-M.115
Rated voltage ±10%	V	AC 50/60		
Unimpeded air flow	m <sup>3</sup> /h	IP54-256/292 IP55-233/265		
Combined air volume	m <sup>3</sup> /h	IP54-231/265 IP55-180/207		
Power	W	42/37	37/33	40/40
Current	A	0.16/0.14	0.25/0.20	0.52/0.43
Noise level	dB(A)	42/46		
Type of connection		Terminal row		
Protection level		NEMA type 12 - standard filter		
Filtration efficiency	%	88		
Filter pad performance level		G3		
Duty cycle	%	100		
Bearing type		ball bearing		
Service life	h	40,000		
Temperature range	°C/°F	-40...+70/-40...+131		
Design		made of injection-moulded thermoplastic, self-extinguishing UL 94 VO		
Colour		RAL 7035, different colours on request		

**Filter Outer Size : 320 x 320**  
**Cut out : 291 x 291**

**Model No : FF320**

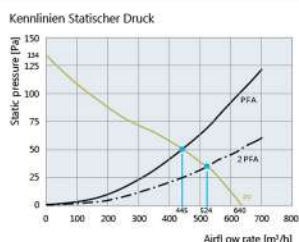
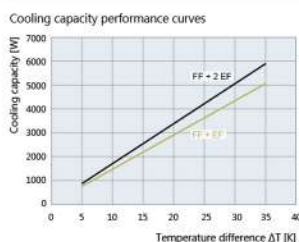


**Flat Type**

**Dhoom Type**



**Fan & Filters**



Dimensions

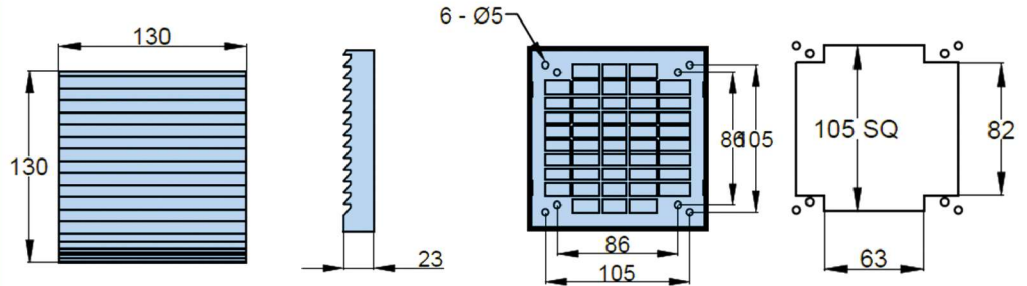
mm	FF 320	EF 320
X	320	320
Y	320	320
Z1	7	7
Z2	162	36
A <sup>1</sup>	291	291
B <sup>2</sup>	291	291

<sup>1</sup> for material thickness up to 2mm  
<sup>2</sup> +1 mm for thickness of material > 2 mm ≤ 3 mm

Data		FF 320	
Model	Unit	FF320.230	FF320.115
Rated voltage ±10%	V	AC 50/60 Hz	
Unimpeded air flow	m³/h	IP54-580/700	IP55-550/670
Combined air volume	m³/h	IP54-490/550	IP55-470/530
Power	W	75/65	
Current	A	0.59/0.47	1.2/1.1
Noise level	dB(A)	59/62	
Type of connection		Terminal row	
Protection level		NEMA type 12 - standard filter	
Filtration efficiency	%	91	
Filter pad performance level		G4	
Duty cycle	%	100	
Bearing type		ball bearing	
Service life	h	40,000	
Temperature range	°C/°F	-40...+70/-40...+131	
Design		made of injection-moulded thermoplastic, self-extinguishing UL 94 VO	
Colour		RAL 7035, different colours on request	

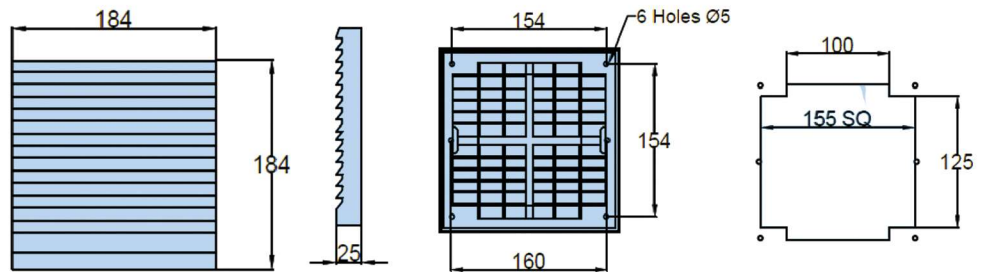
## Model No : NRF 10

Size 130/130 mm



## Model No : NRF 11

Size 184/184 mm

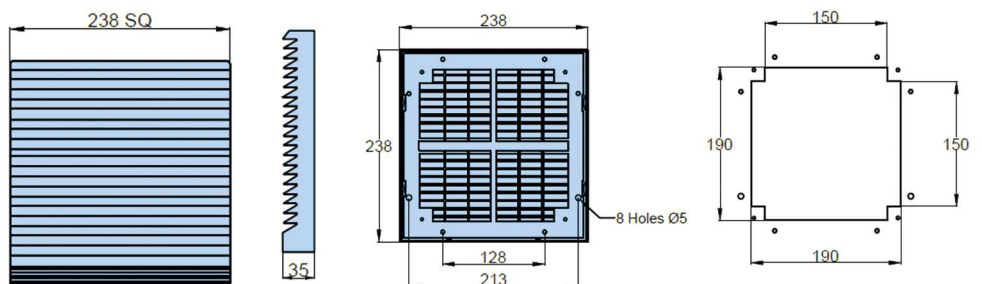


## Model No : NRF 10

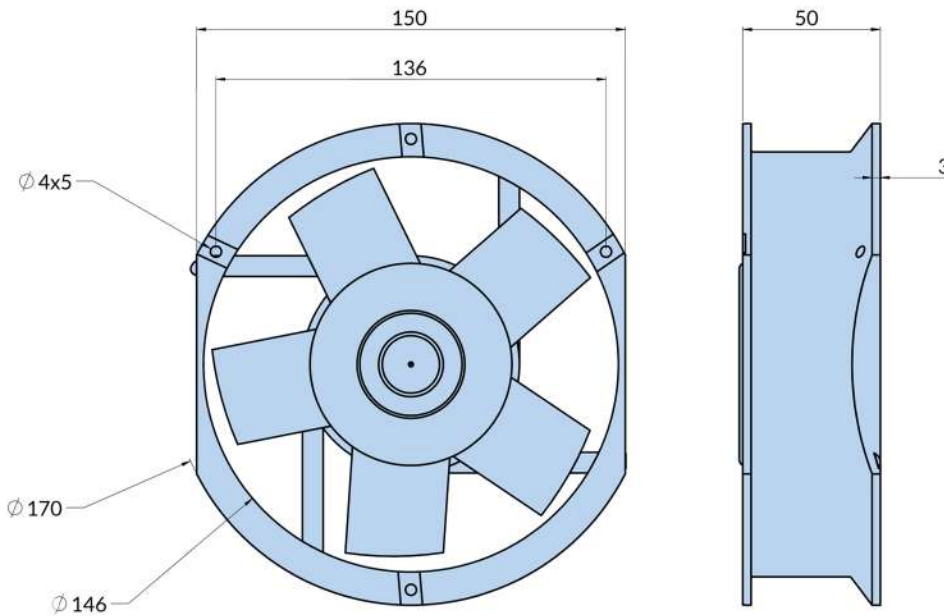
Size 238/238 mm

IP54 FK55

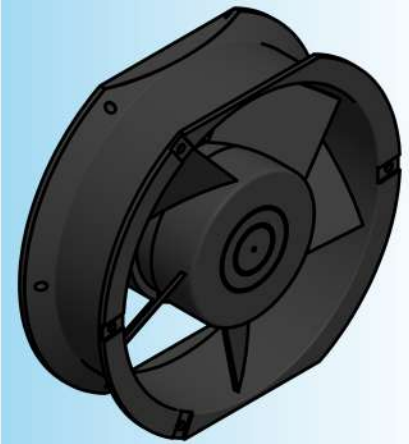
● Material: ABS



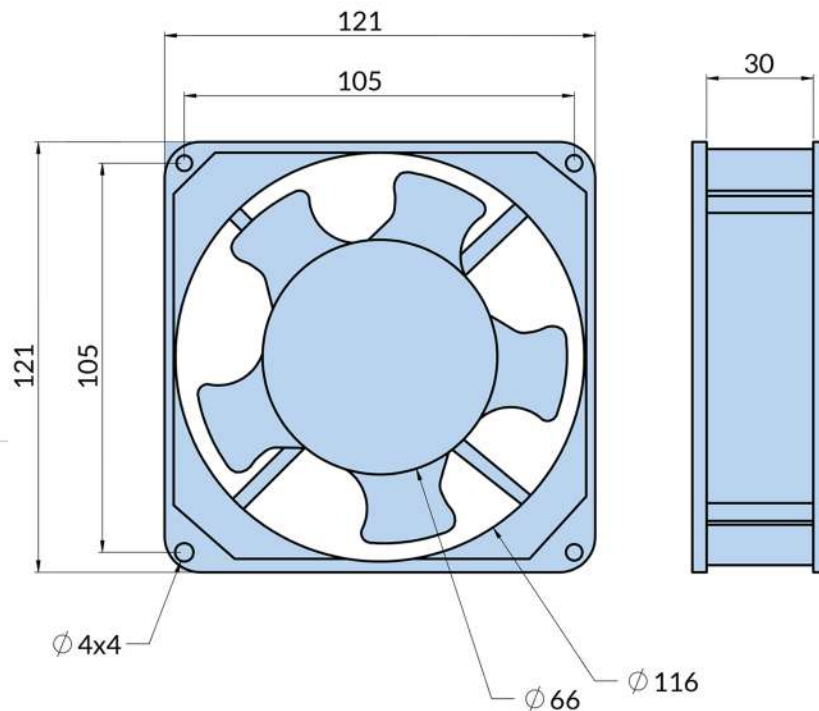




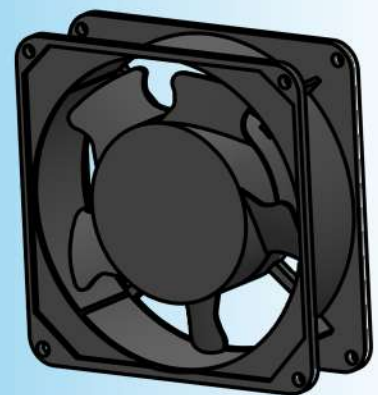
Sizes Available in 3, 4, 6, 8 Inches



Cooling FAN



Sizes Available in 3, 4, 6, 8 Inches



Cooling FAN

- Material: Aluminium Die Casting
- Finish: Black Powder Coated

Key Locks

Panel Locks

Plane Locks

3Point Locks  
(Round & Flat)

Handle &  
Knobs

Hinges

Airvents

Gasketing

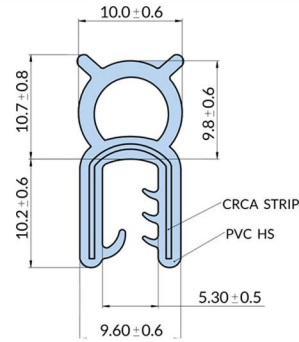
Canopy Locks

Other  
Accessories



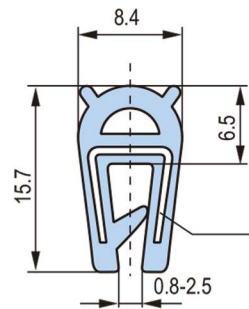
**MFT - 001**

● Material: Black EPDM Sealing Strip



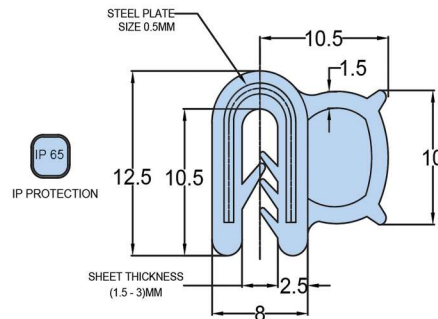
**MFT - 001 A**

● Material: Black EPDM Sealing Strip



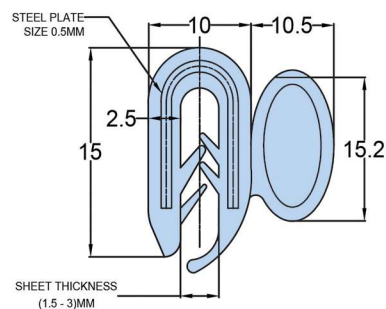
**MFT - 002**

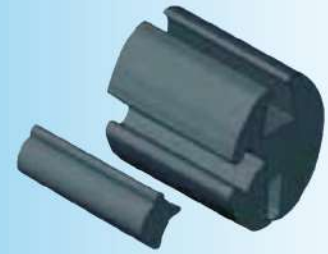
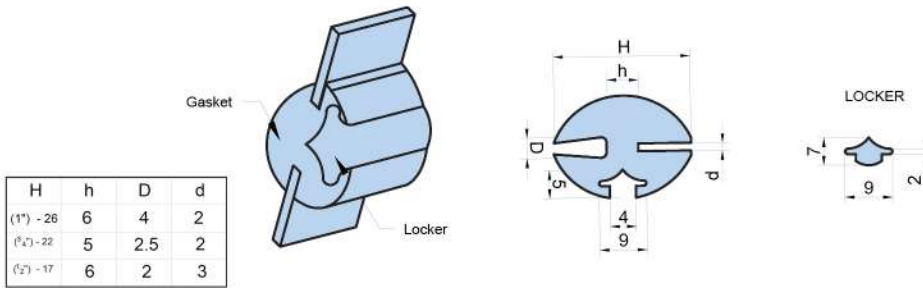
● Material: Black EPDM Sealing Strip



**MFT - 003**

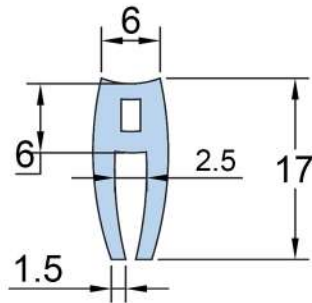
● Material: Black EPDM Sealing Strip





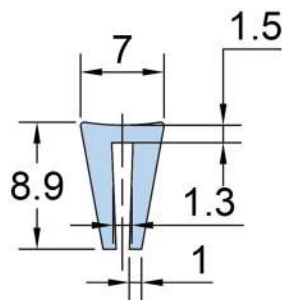
**MFT - 004**

● Material: EPDM/Natural Rubber



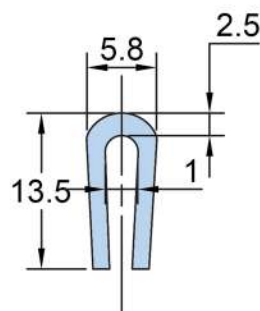
**MFT - 005**

● Material: EPDM



**MFT - 006**

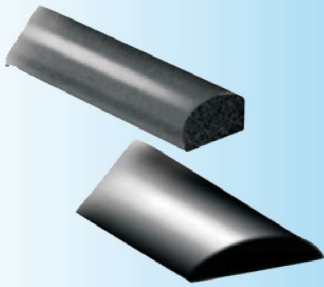
● Material: EPDM



**MFT - 007**

● Material: EPDM

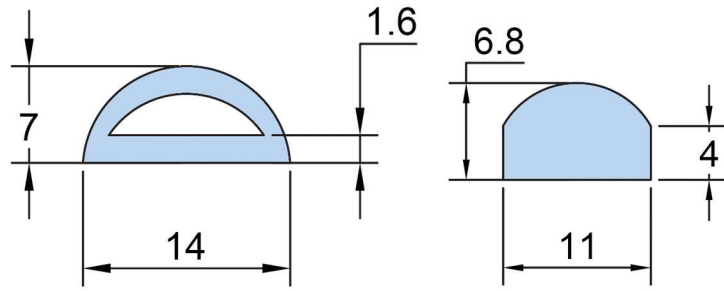
Key Locks



**MFT - 008 & 009**

● Material: EPDM

Panel Locks



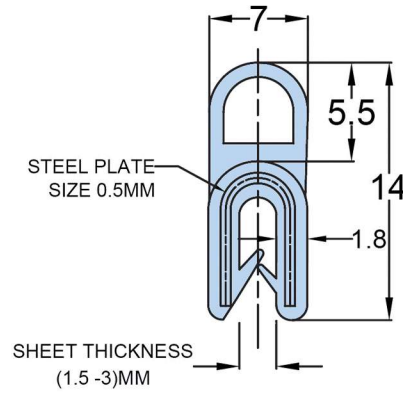
Plane Locks



**MFT - 010**

● Material: Black EPDM Sealing Strip

3Point Locks  
(Round & Flat)



Handle &  
Knobs

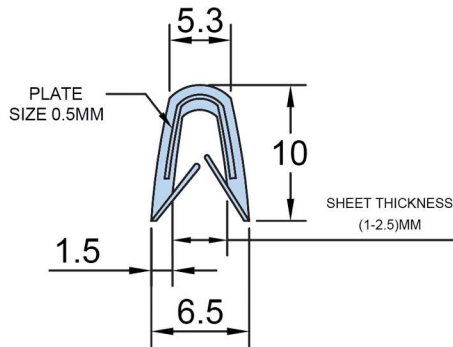
Hinges



**MFT - 011**

● Material: PVC With Steel Spring Core

Airvents



Gasketing

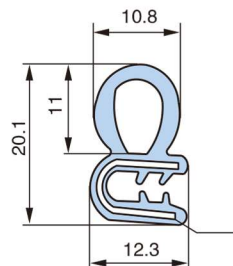
Canopy Locks

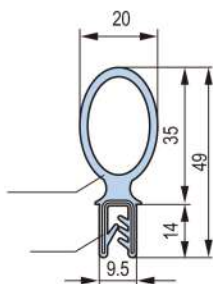
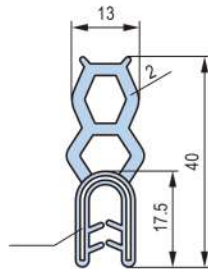
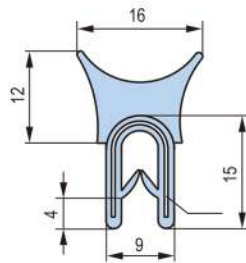
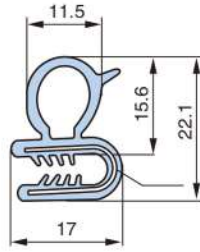


**MFT - 012**

● Material: Black EPDM Sealing Strip

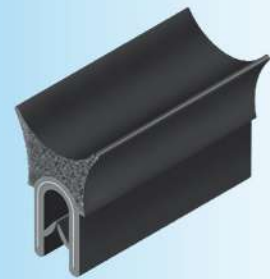
Other  
Accessories





**MFT - 013**

● Material: Black EPDM Sealing Strip



**MFT - 014**

● Material: Black EPDM Sealing Strip



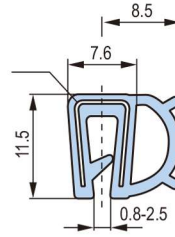
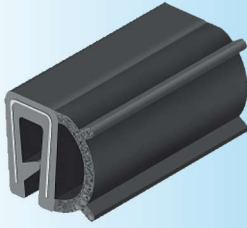
**MFT - 015**

● Material: Black EPDM Sealing Strip



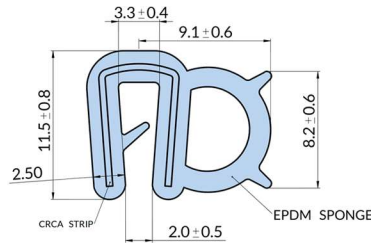
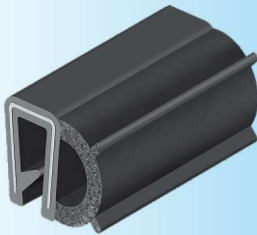
**MFT - 016**

● Material: Black EPDM Sealing Strip



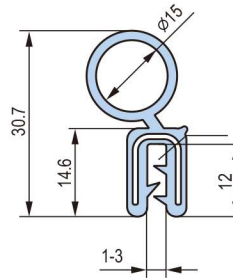
### MFT - 017

- Material: Black EPDM Sealing Strip



### MFT - 018

- Material: Black EPDM Sealing Strip



### MFT - 019

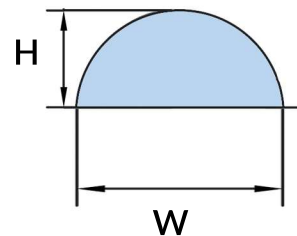
- Material: Black EPDM Sealing Strip



### PUR Foam Gaskets With One Side Self Adhesive

#### Available In Following Sizes

H	W
6	12
7	14
8	16
9	18
10	20



**Flat Type Foam Gasket**

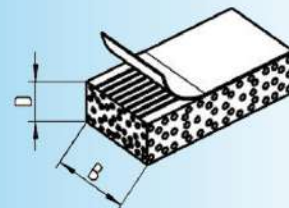
Foam Gasket with single side and Double side adhesive / Crosslink polyethylene foam Gaskets (single & double sided adhesives)

Available in Polyethylene, EPDM, Nitrile, Neoprene on request  
Thickness available : 2mm to 10mm | width 500mm



CL - 01

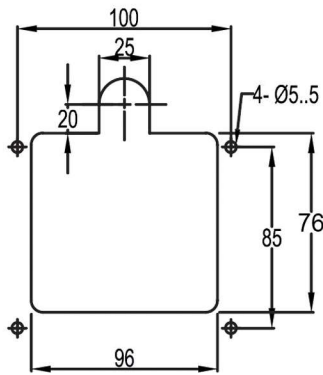
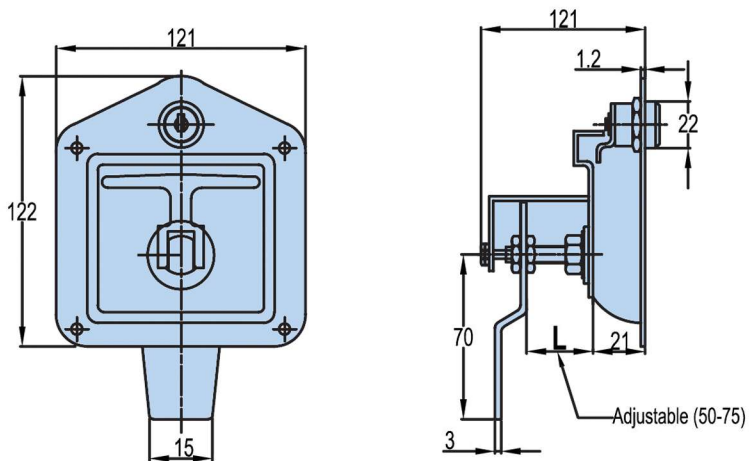
Width B	Depth D	EPDM	CR/Neoprene	XLPE Polyethelne
10	3	7301-1003	7302-1003	7303-1003
	4	7301-1004	7302-1004	7303-1004
	5	7301-1005	7302-1005	7303-1005
15	3	7301-1503	7302-1503	7303-1503
	4	7301-1504	7302-1504	7303-1504
	5	7301-1505	7302-1505	7303-1505
20	3	7301-2003	7302-2003	7303-2003
	4	7301-2004	7302-2004	7303-2004
	5	7301-2005	7302-2005	7303-2005
25	3	7301-2503	7302-2503	7303-2503
	4	7301-2504	7302-2504	7303-2504
	5	7301-2505	7302-2505	7303-2505
25	3	7301-3003	7302-3003	7303-3003
	4	7301-3004	7302-3004	7303-3004
	5	7301-3005	7302-3005	7303-3005





CP - 01

- Material: Zinc Die - Handles, Stainless steel-Body, Steel-Cam.

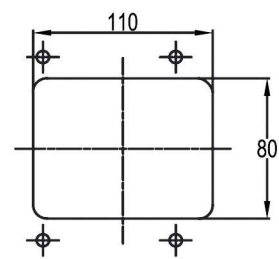
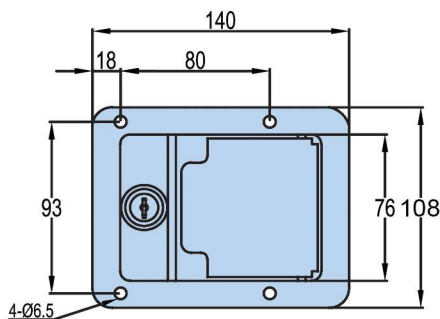


CUT OUT

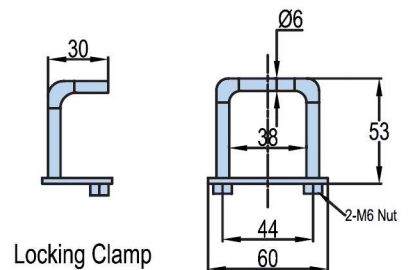
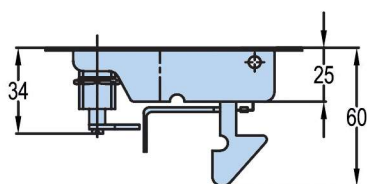


CP - 02

- Material: Stainless Steel, Bracket-Steel.

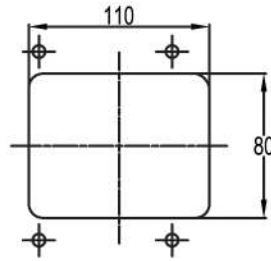
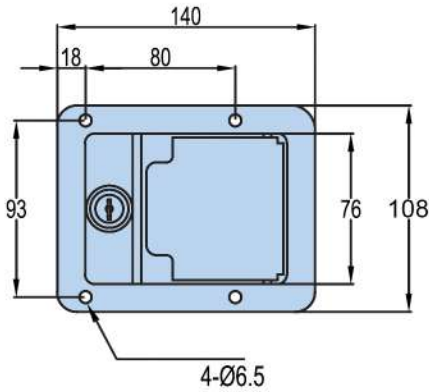


CUT OUT

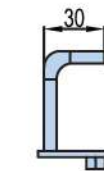
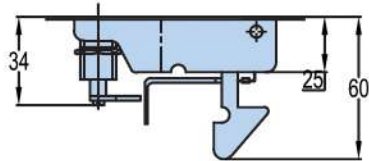


Locking Clamp

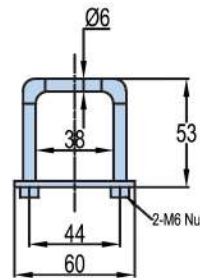




CUT OUT

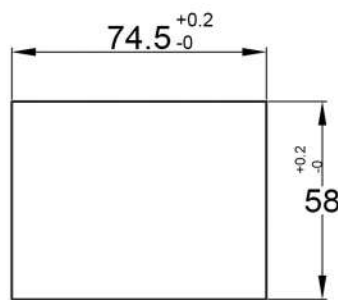
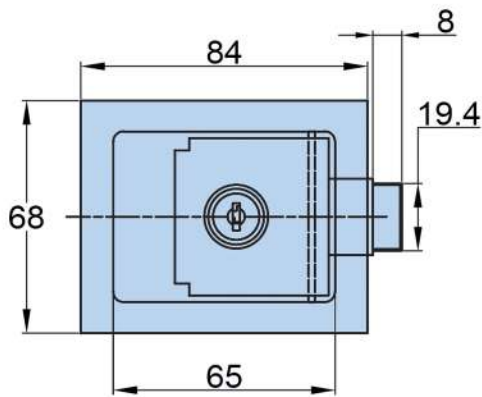


Locking Clamp

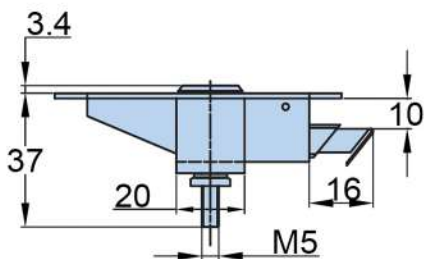


CP - 03

- Material: Steel, Nickel Plating-cam.
- Finish: Black Powder Coating.



CUT OUT



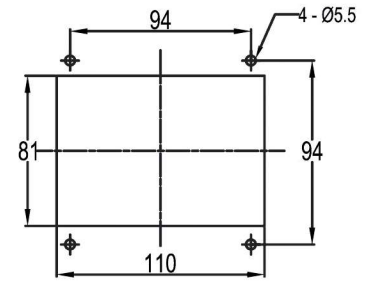
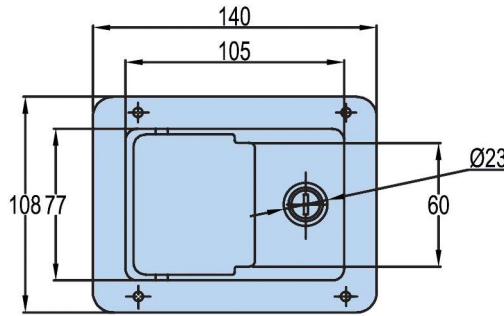
CP - 05 A

- Material: Steel
- Finish: Black Powder Coated

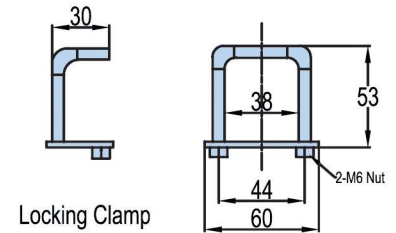
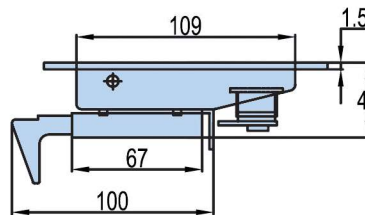


CP - 06

- Material: Steel, Chrome Palting-Handle. Loking Cam-Zinc Die Cast(Chrome Plating)
- Finish: Black Powder Coating



CUT OUT

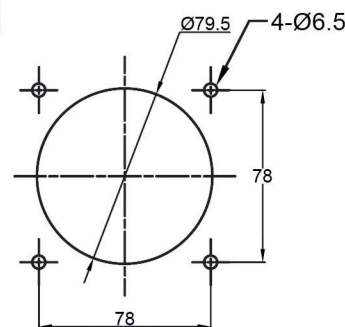
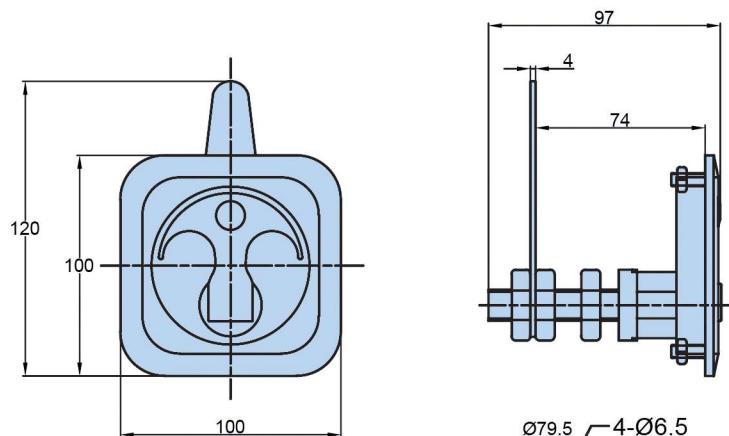


Locking Clamp

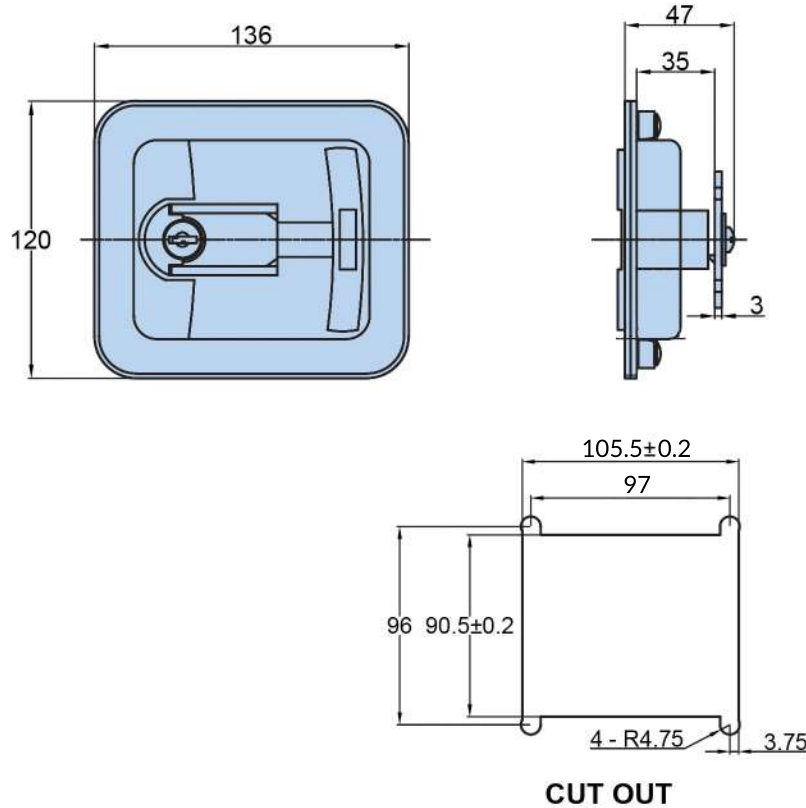


MS 903 - 1

- Material: Zinc Die Casting Handle & Housing, M.S.Zinc Palting Cam
- Finish: Bright Chrome plated.

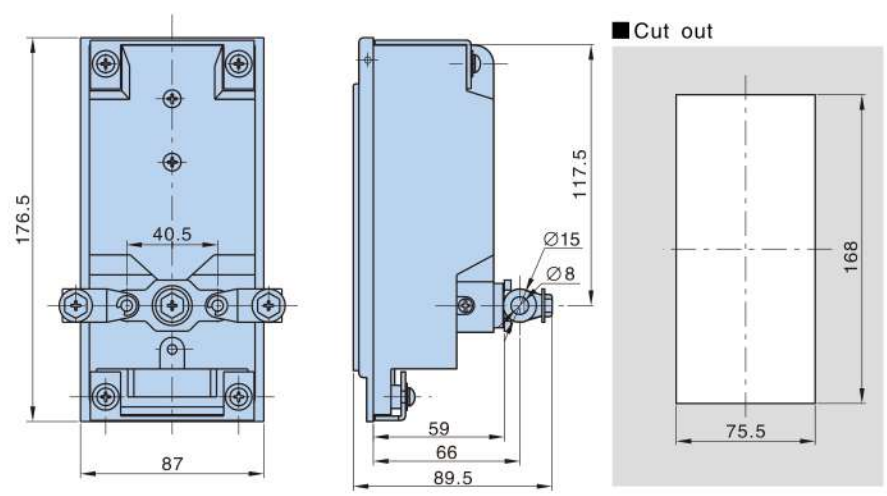


CUT OUT



**MS 904 - 1 - 1**

- Material: PA-6 Handle & Housing, M.S.Zinc Palting Cam.



**MSH - 01**

- Material: Zinc die-casting body
- Zinc plating cam, fixing parts
- Panel thickness: 1~4.5mm
- Finish: Gray or black color

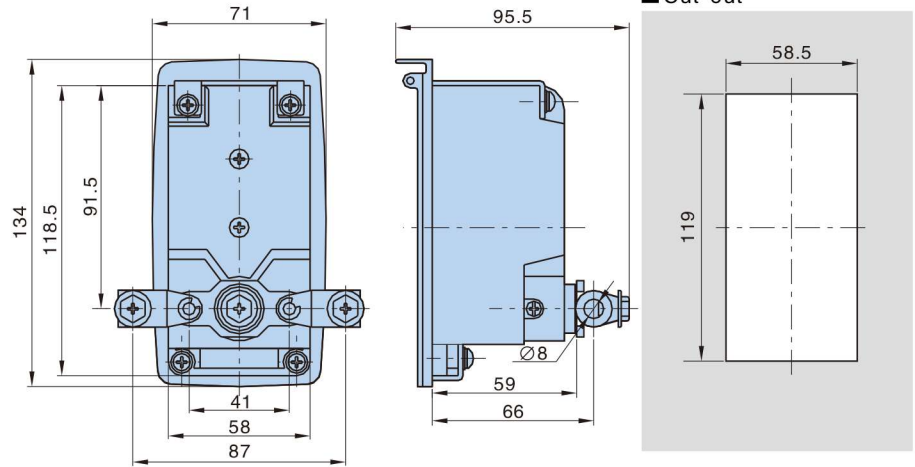
Product Number		Weight (g)	Lot
Black powder coated	MSH- 01.3	896	25
Gray powder coated	MSH- 01.9	896	25



K0200

### MSH - 02

- Material: Zinc die-casting body, Zinc plating cam, fixing parts
- Panel thickness: 1~4.5mm;
- Finish: Gray or black color

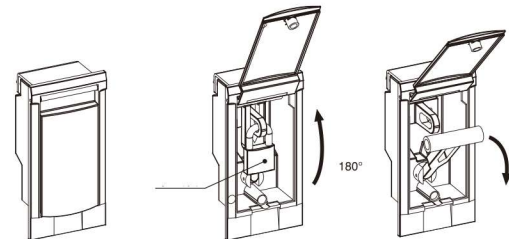
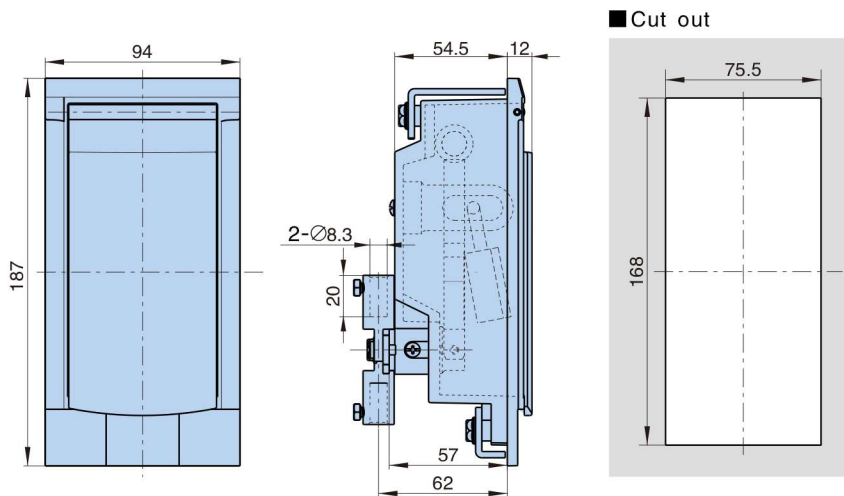


Product Number		Weight (g)	Lot
Black powder coated	MSH- 02.3	957	25
Gray powder coated	MSH- 02.9	957	25



### MSH - 04

- Material: Zinc die-casting body
- Zinc plating cam, fixing parts
- Panel thickness: 1~4.5mm
- Finish: Gray or black color



Product Number		Weight (g)	Lot
Black powder coated	MSH- 04.3	900	25
Gray powder coated	MSH- 04.9	900	25

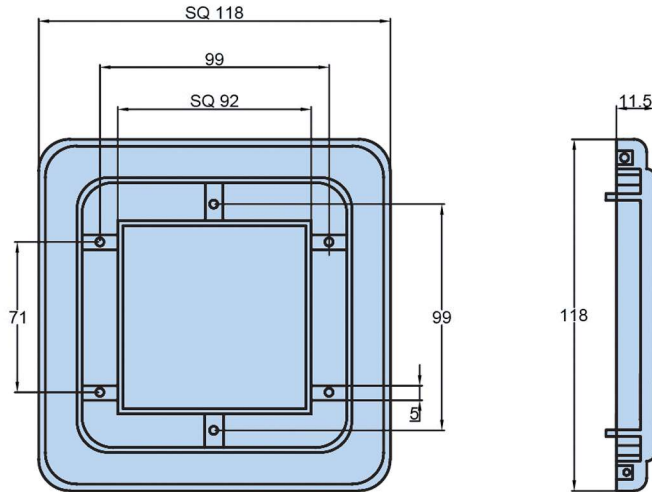
**N-RACK**  
**ACCESSORIES PVT. LTD.**  
An ISO 9001:2008 certified Company

**Industrial Hardware** | embellishing your enclosures....



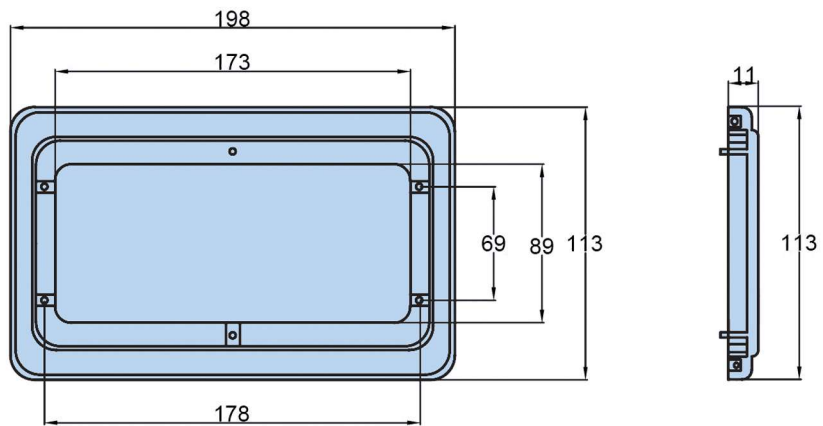
OA - 01

- Material:Crystal/polycarbonate (Engineering)
- Finish: Transparent



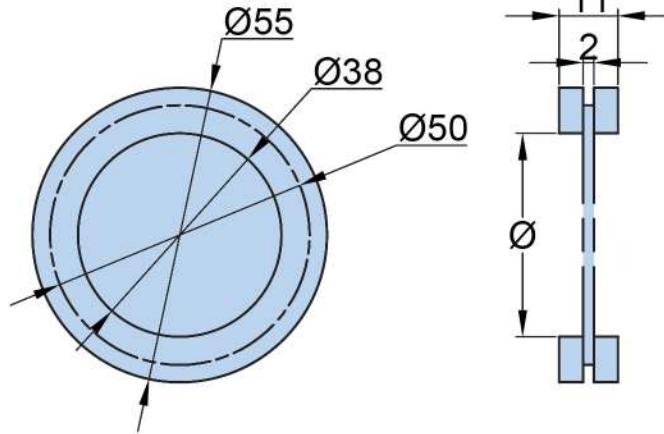
OA - 02

- Material:Crystal/polycarbonate (Engineering)
- Finish: Transparent



AVAILABLE SIZES  
(INCH)

Ø
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.50

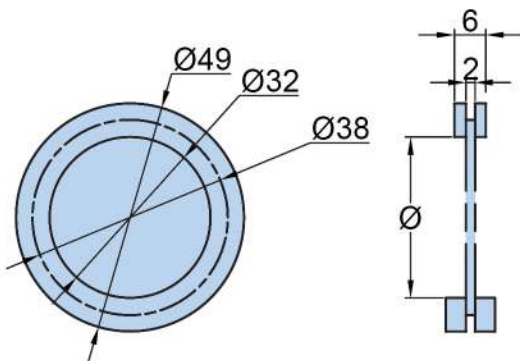


OA - 05

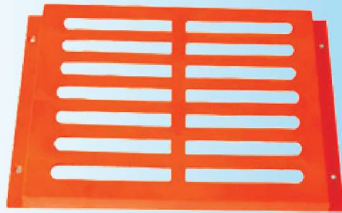
- Material: Natural Rubber
- Finish: Black

AVAILABLE SIZES  
(INCH)

Ø
0.50
0.75
1.00
1.25
1.50
1.75
2.00
2.50

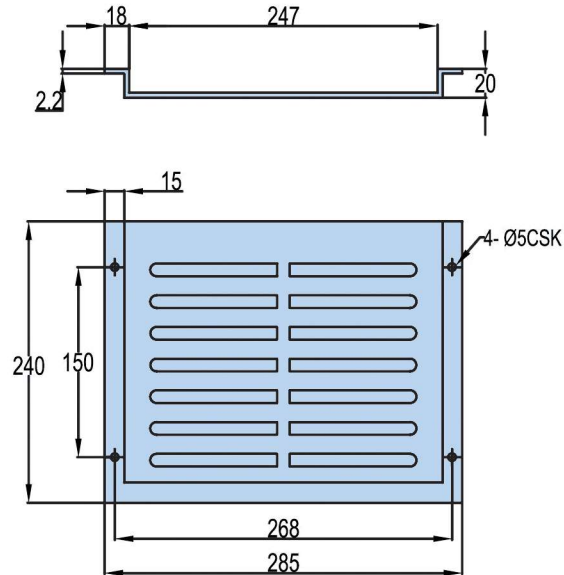


OA - 06



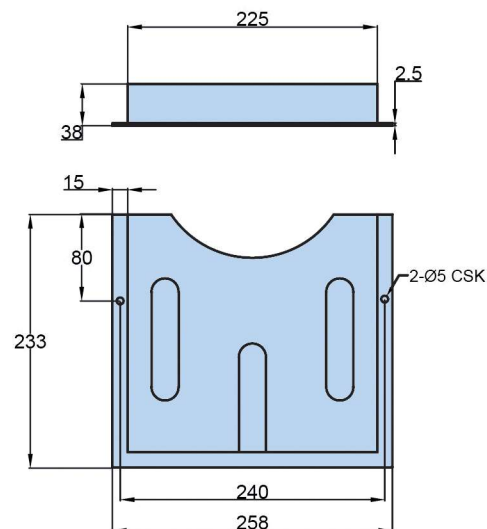
OA - 07

- Colors : Grey & Orange.Rear Side Double sided adhesive Tape.

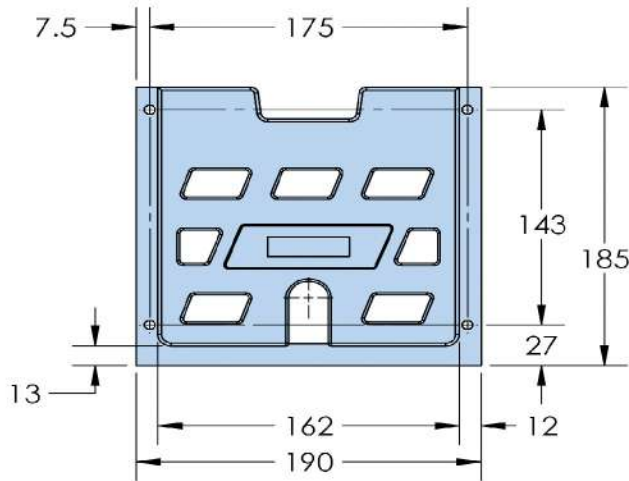
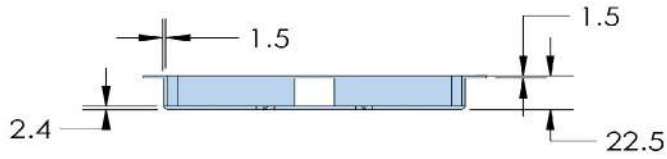


OA - 08

- Material: ABS
- Finish: Grey, RAL 7035

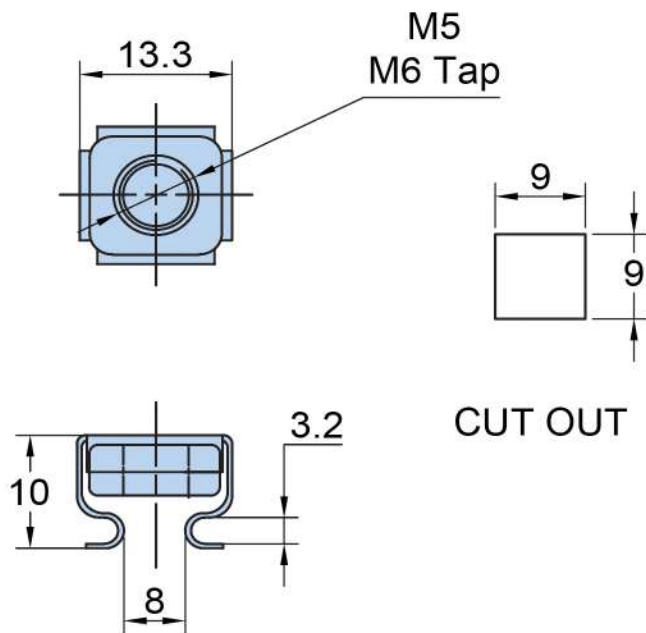






OA - 08A

- Material: ABS
- Finish: Grey, RAL 7035

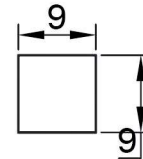
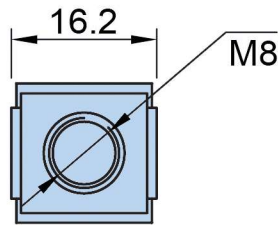


OA - 09

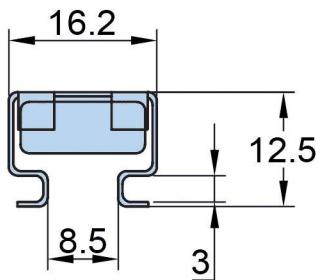


OA - 09 A

- Material: Steel-Nut, Spring Steel-Cage
- Finish: Zinc Blue/Yellow Plating

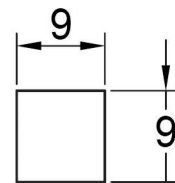
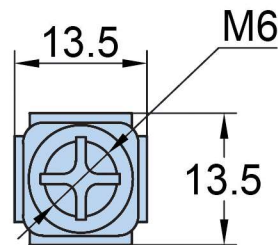


CUT OUT

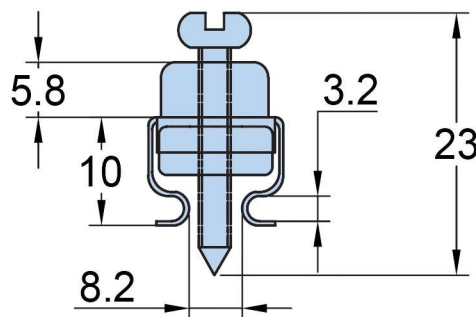


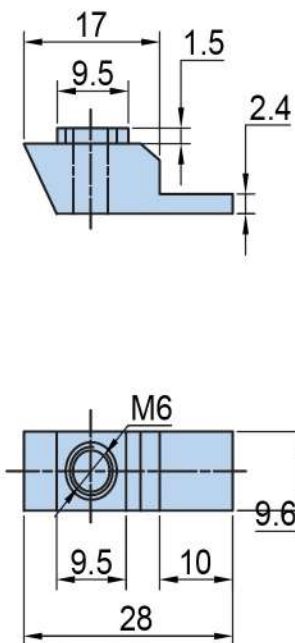
OA - 09 B

- Material: Steel-Nut, Spring Steel-Cage
- Finish: Nickel Plating



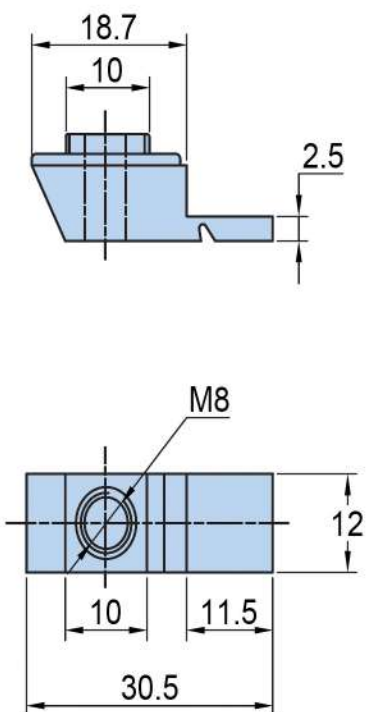
CUT OUT





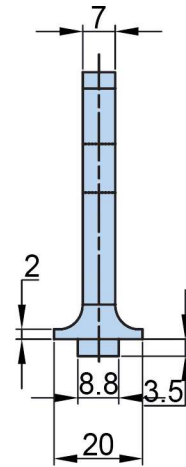
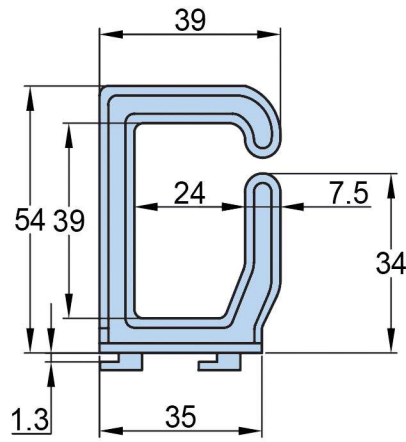
OA - 10

- Material: Zinc Die Casting
- Finish: Zinc Blue Plating



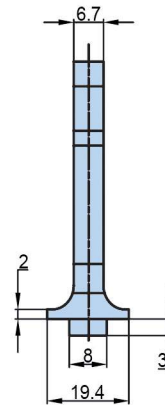
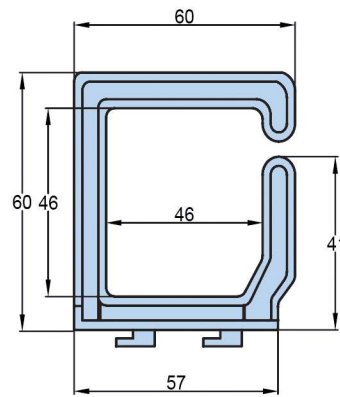
OA - 10 A

- Material: Zinc Die Casting
- Finish: Zinc Blue Plating



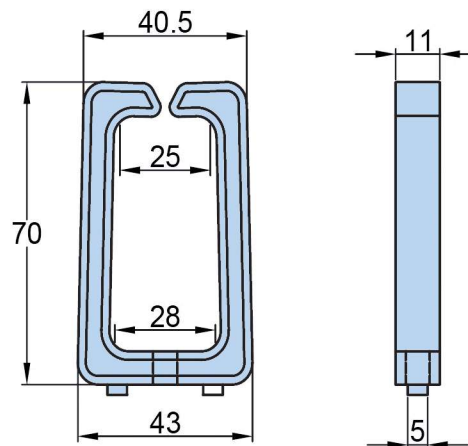
### OA - 11

- Material: ABS
- Finish: Black



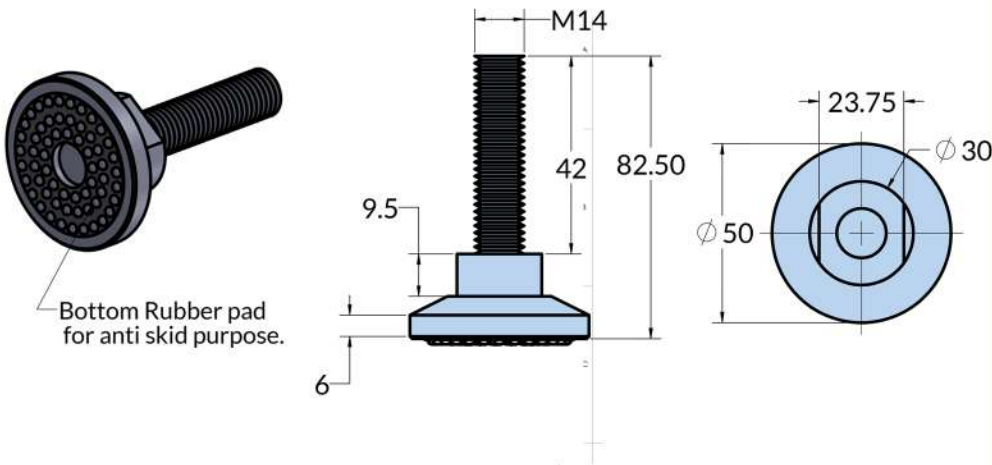
### OA - 11 A

- Material: ABS
- Finish: Black



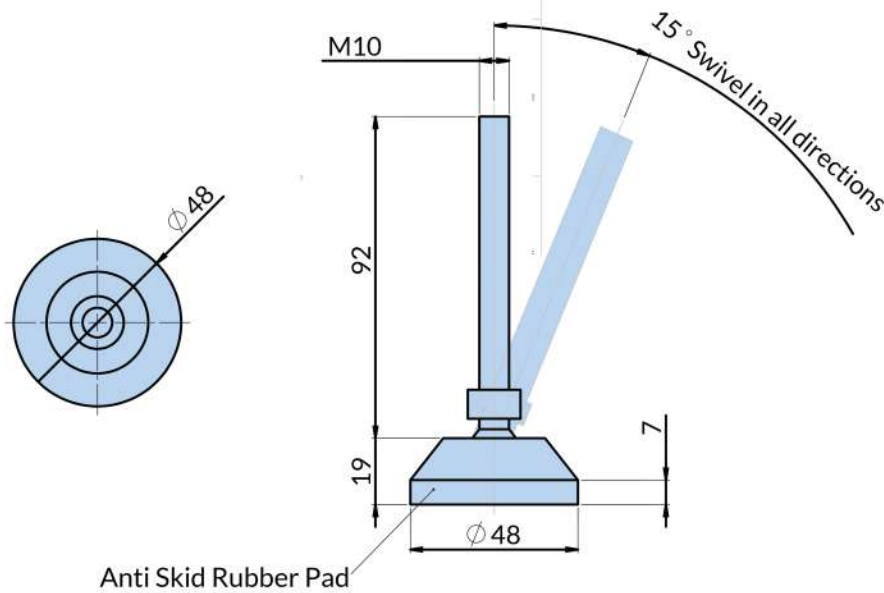
### OA - 12

- Material: PA 6
- Finish: Black



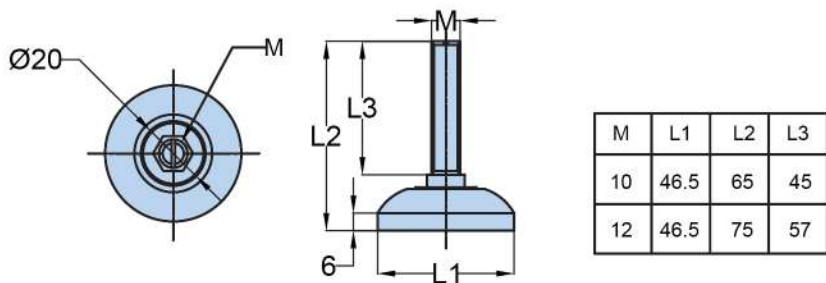
**OA - 13**

- Material: Steel
- Finish: Zinc Blue/Yellow



**OA - 13 A**

- Material: Steel-Bolt, PA6-Base
- Finish: Zinc Blue Plating



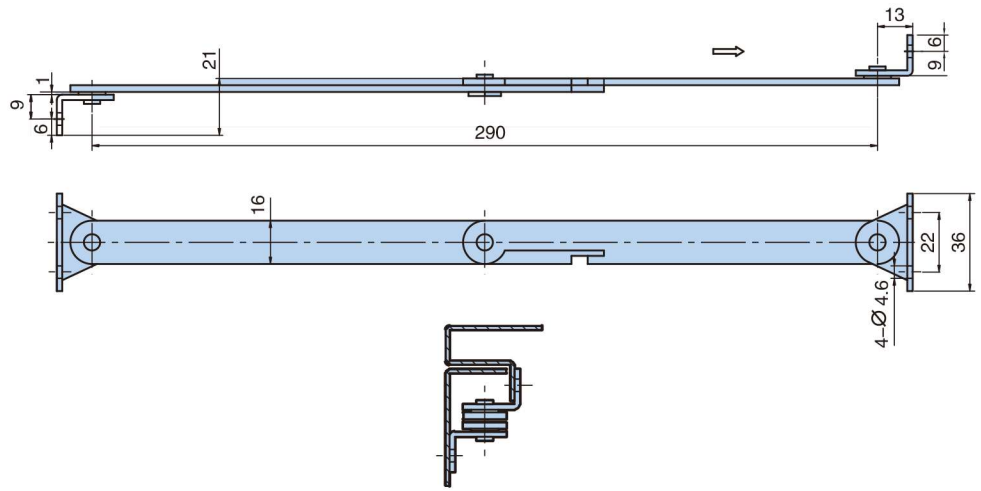
**OA - 13 AB**

- Material: Nylon 6 Unfilled Black-Base, Steel-Bolt
- Finish: Black Powder Coated

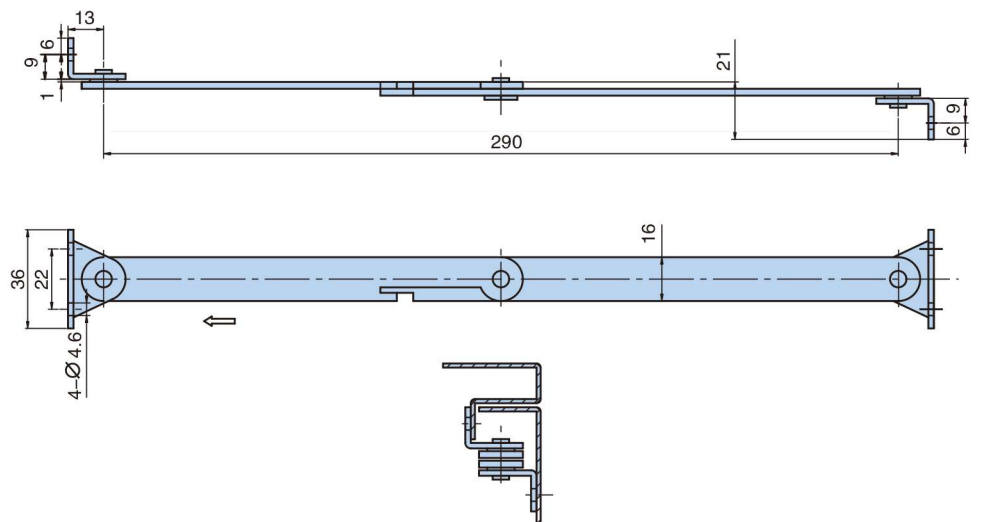


**XW04**

● Material: Zinc plating steel/SUS304

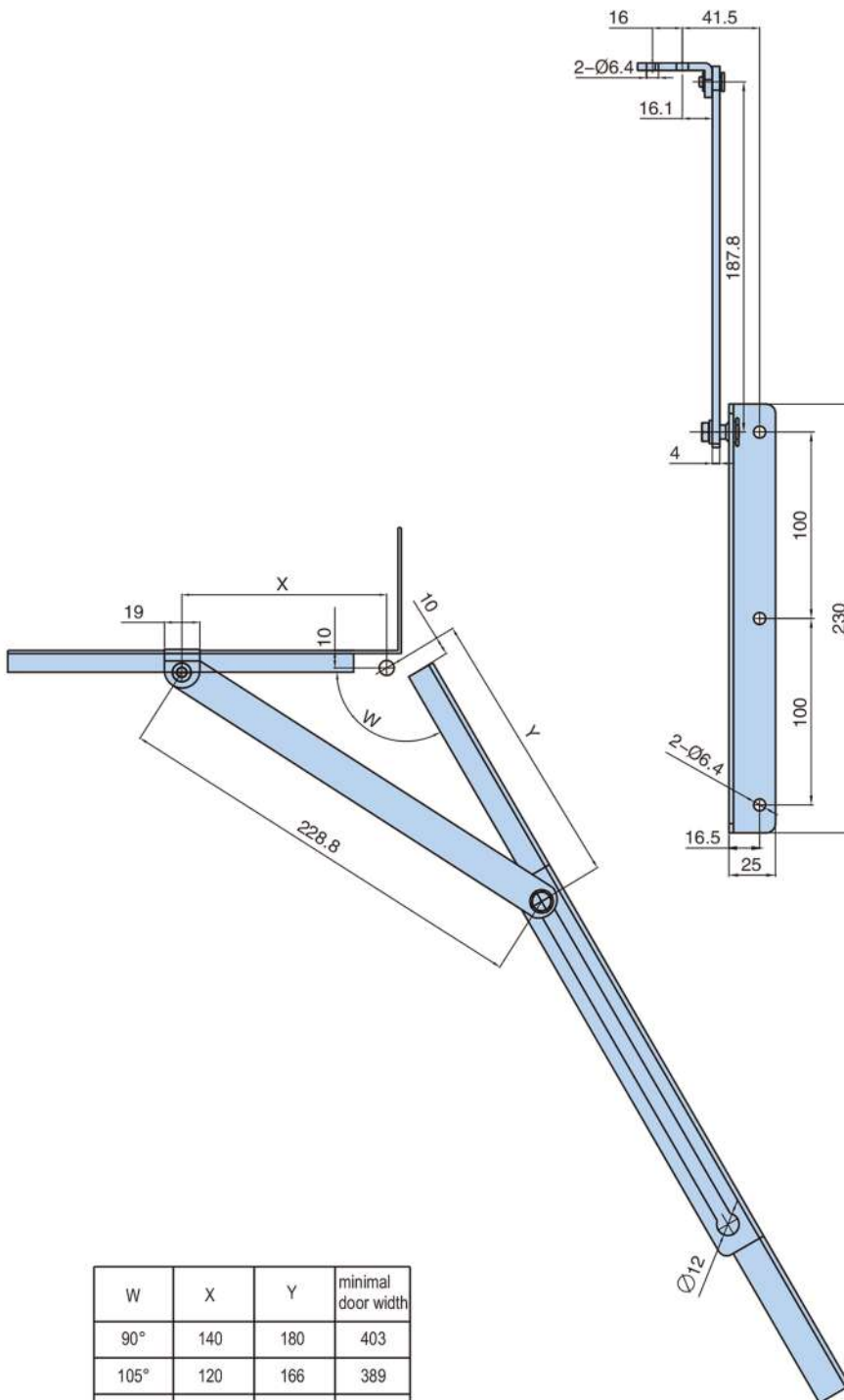


Left opening

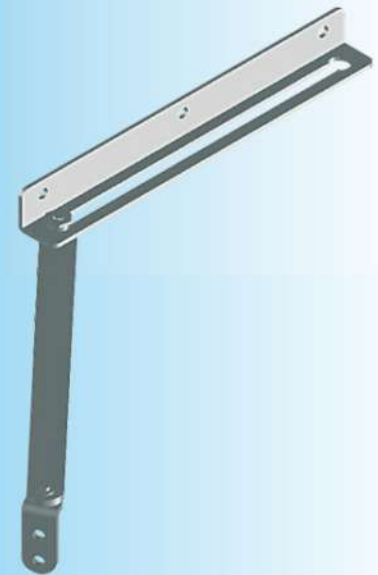


Right opening

Product Number		Weight (g)	Lot
XW04- 1L	Zinc plating steel		
XW04- 1R			
XW04- 1S L	304 SUS 304		
XW04- 1S R			



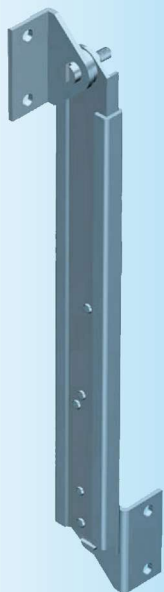
W	X	Y	minimal door width
90°	140	180	403
105°	120	166	389
120°	110	150	373
135°	100	146	369



XW - 09

● Material: Zinc plating steel

Product Number		Weight (g)	Lot
XW09- 1	Zinc plating steel		
XW09- 1S	304 SUS 304		



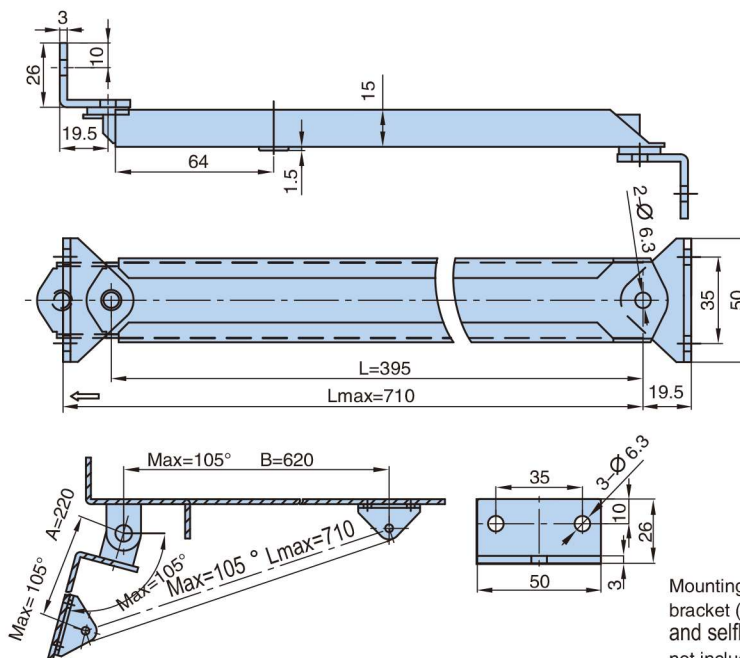
XW10 - 1



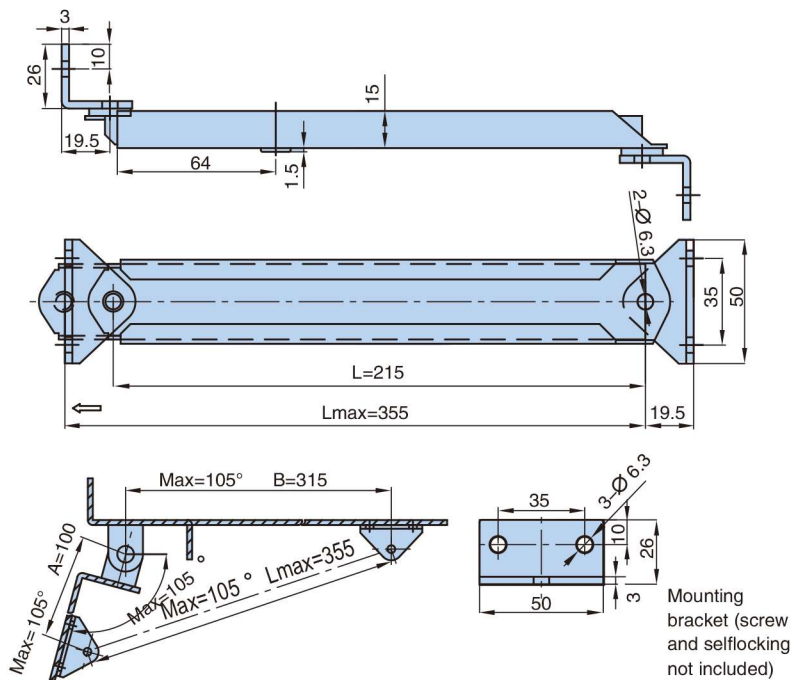
XW10 - 2

● Material: Zinc plating steel

Long size

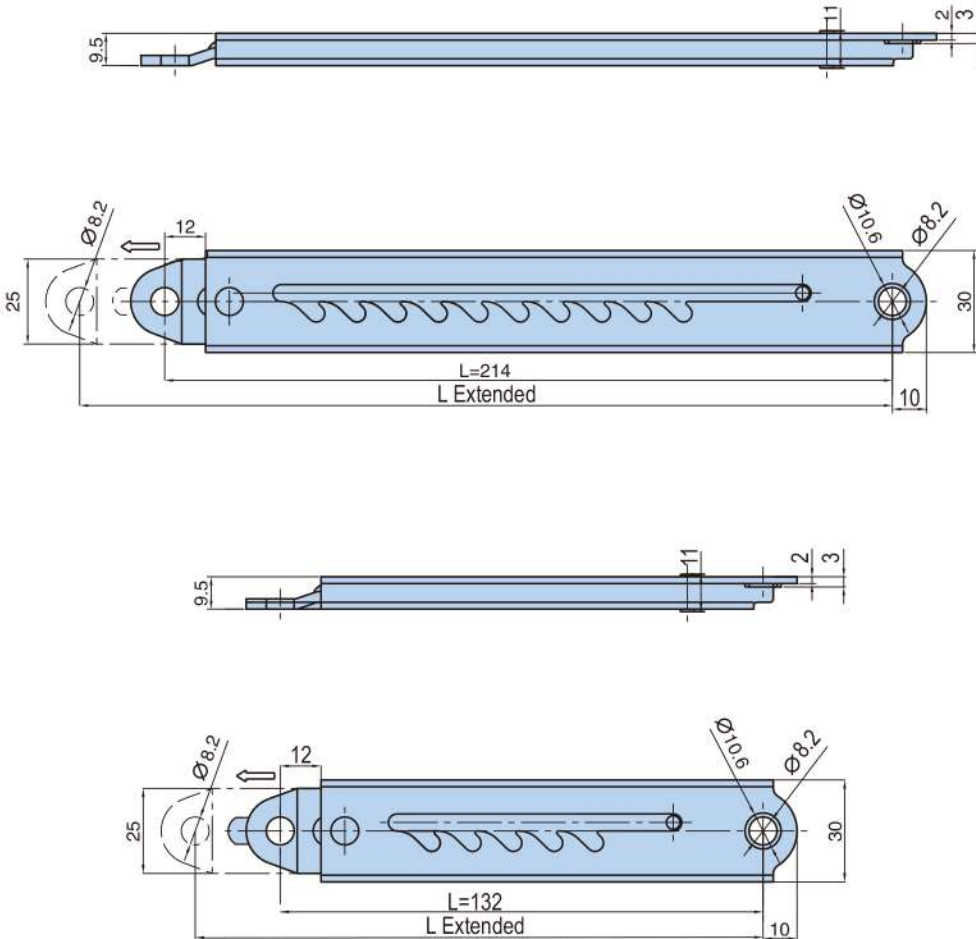


Short size



	Product Number		Weight (g)	Lot
Long size	XW10- 1	Zinc plating steel		
Short size	XW10- 2	Zinc plating steel		



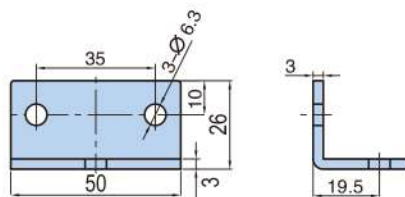


XW11 - 1



XW11 - 2

Stop	Long size L Extended	Short size L Extended
1.	234.5	164
2.	248	177
3.	261	189.5
4.	274.5	202
5.	288	214.5
6.	301	
7.	314.5	
8.	327	
9.	340.5	
10.	354	



Mounting bracket (screw and selflocking not include)  
Note: The cover stay is sold with mounting bracket and related accessories together as standard.

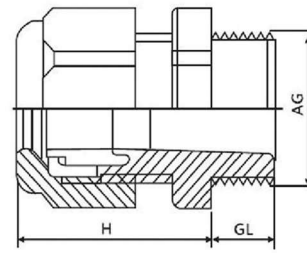
Product Number		Stops q.ty	Weight (g)	Lot
Long size	XW11 - 1	10		
Short size	XW11 - 2	5		

● Material: Zinc plating steel



OA - 14

- Material: Nylon
- Finish: Black/Grey



Type	AG(PG)	⌀ mm	H mm	GL mm	⌀ mm
YE-PG7	PG7	3-6.5	21	8	15
YE-PG9	PG9	4-8	22	8	19
YE-PG11	PG11	5-10	25	8	22
YE-PG13.5	PG13.5	4-8	27	9	24
YE-PG13.5	PG13.5	5-10	27	9	24
YE-PG13.5	PG13.5	6-12	27	9	24
YE-PG16	PG16	10-14	28	10	27
YE-PG18	PG18	12-16	29	11	27
YE-PG19	PG19	12-16	29	11	27
YE-PG21	PG21	13-18	31	11	33
YE-PG25	PG25	14-21	32	12	36
YE-PG27	PG27	15-23	33	12	38
YE-PG29	PG29	18-25	39	11	42
YE-PG36	PG36	22-32	48	13	53
YE-PG42	PG42	32-38	48	13	60
YE-PG48	PG48	37-44	49	14	65
YE-PG63	PG63	40-50	95	29	75



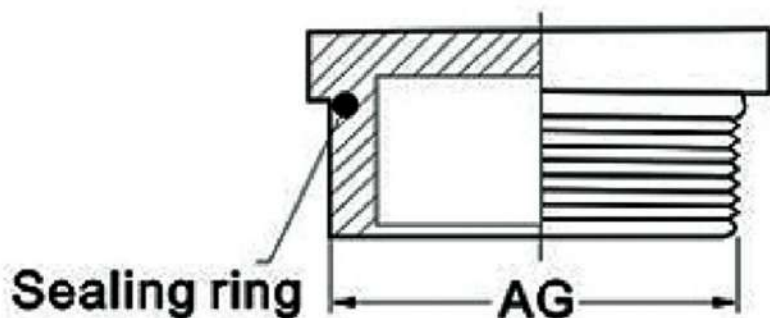
OA - 14 A

- Material: Brass



### AVAILABLE SIZE

M 12	PG 7
M 16	PG 9
M 20	PG 11
M 25	PG 13.5
M 32	PG 16
M 40	PG 21
M 50	PG 29
M 63	PG 36
	PG 42
	PG 48



Type	AG(mm)	GL(mm)	D(mm)
PG7	12.5	9.5	16.5
PG9	15.2	9.5	19.2
PG11	18.6	10	22.6
PG13.5	20.4	11	24.4
PG16	22.5	11	26.5
PG21	28.3	11	32.3
PG29	37	12	33
PG36	47	12	53
PG42	54	12	60
PG48	59.3	12	65.3
M12×1.5	12	9.5	16
M16×1.5	16	10	20
M18×1.5	18	11	22
M20×1.5	20	11	24
M22×1.5	22	11	26
M25×1.5	25	11	29
M27×1.5	27	11	33
M32×1.5	32	11	38
M40×1.5	40	12	46
M50×1.5	50	12	56
M63×1.5	63	12	69



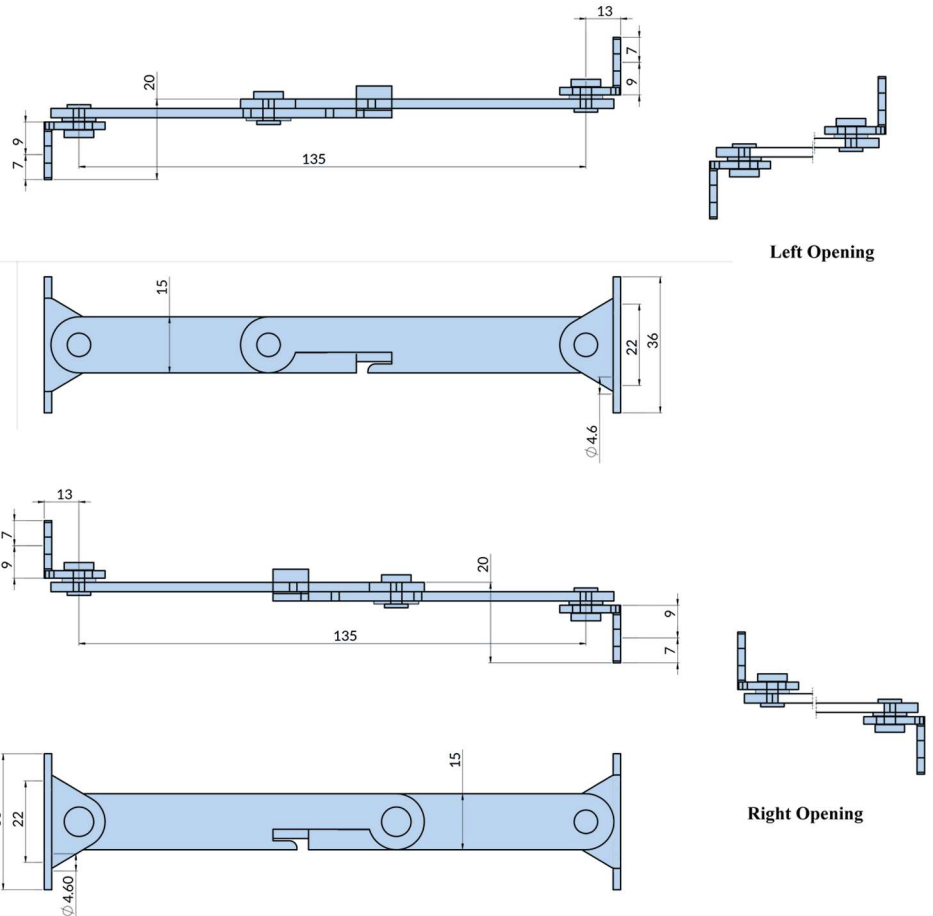
OA - 14 AB

● Material: Nylon



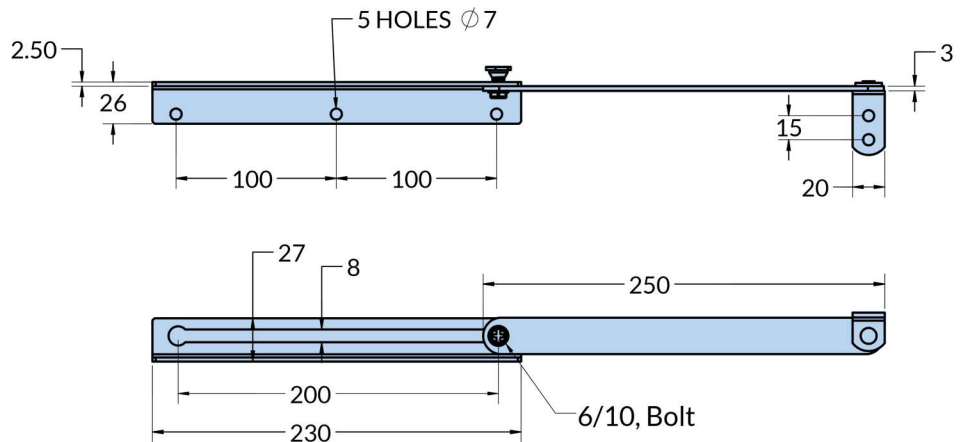
**OA - 15 A**

- Material: Steel
- Finish: Nickel Plating

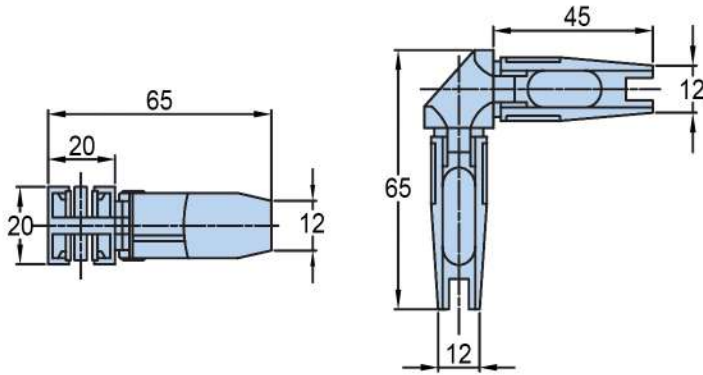


**OA 16**

- Material: Steel
- Finish: Zinc Blue Plating

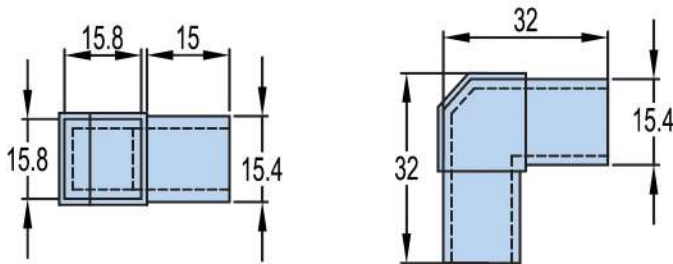


Available in Steel and Stainless Steel on request



**OA - 19**

- Material: Zinc Die Casting
- Finish: Zinc Blue Plating



**OA - 20**

- Material: PA 6
- Finish: Black

Length (L) On Request

AVAILABLE SIZE

M3
M4
M5
M6
M8
M10

Available in Steel and Stainless Steel on request



**OA - 21**



### OA - 22

- Material: Steel (Stainless on Request)
- Finish: Copper Plating



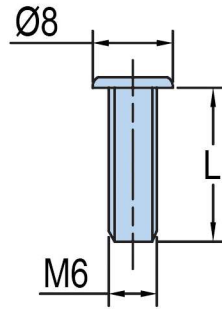
### OA - 23

- Material: Steel (Stainless on Request)
- Finish: Zinc Blue Plating



### OA - 23 A

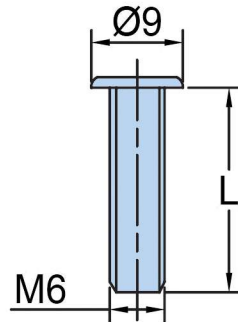
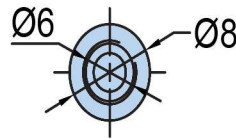
- Material: Steel (Stainless on Request)
- Finish: Zinc Blue Plating



Length (L) on Request

AVAILABLE SIZE

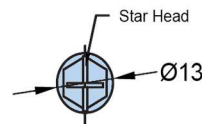
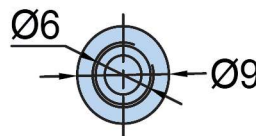
M4
M5
M6
M8



Length (L) On Request

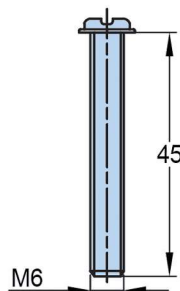
AVAILABLE SIZE

M3
M4
M5
M6
M8

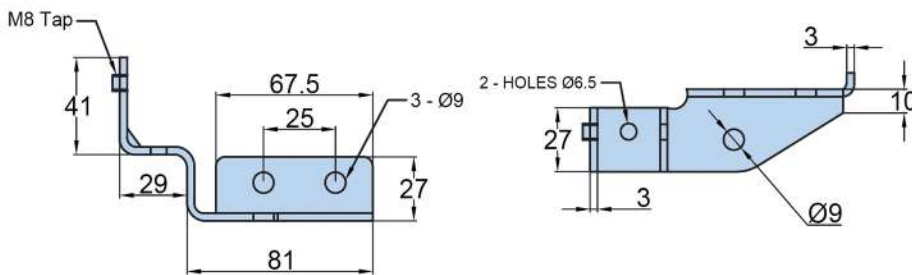
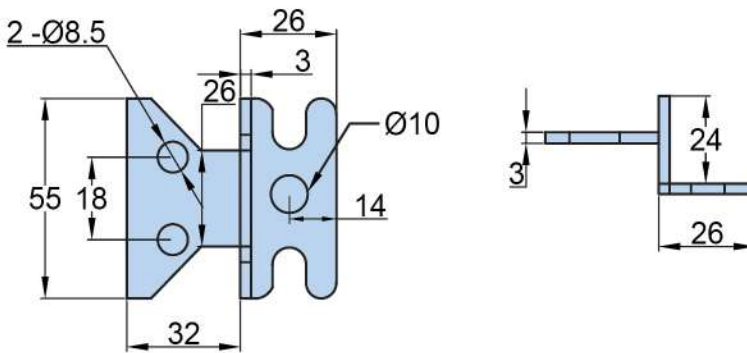
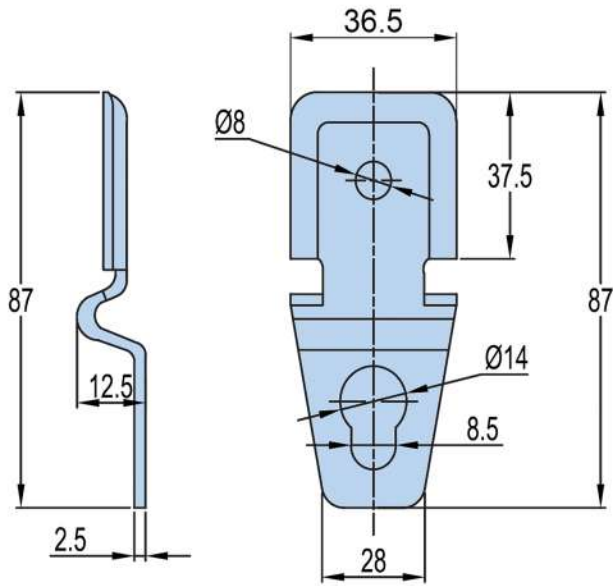


Length (L) On Request

AVAILABLE SIZE



M3
M4
M5
M6
M8



**OA - 24**

- Material: Steel
- Finish: Zinc Blue/yellow Plating



**OA - 24 A**

- Material: Steel
- Finish: Zinc Blue/yellow Plating



**OA - 25**

- Material: Steel
- Finish: Zinc Blue/yellow Plating

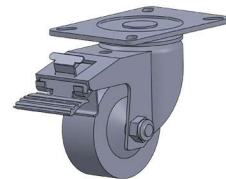


### OA - 26








- Material: Zinc Die Casting
- Finish: Chrome Plating



### Without Brake



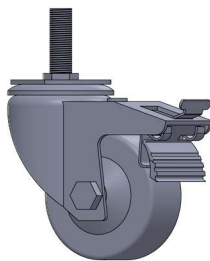
### With Brake

Model Number	 MM	 MM	Wheel	 KG	 MM	 MM	 MM	 Oblong Size MM
OA-26-1	50	23	PVC	60	74	61x51	45x35	7.80x5.80
OA-26-2	60	25	PVC	80	86	75x55	52x38	9.80x6.30
OA-26-3	75	28	PVC	100	100	75x55	52x38	9.80x6.50
OA-26-4	74	31	NYLON	175	100	75x55	52x38	9.80x6.30
OA-26-5	100	31	NYLON	220	128	75x55	52x38	9.80x6.30

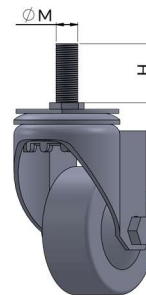


### OA - 26 A

- Material: Zinc Die Casting
- Finish: Chrome Plating



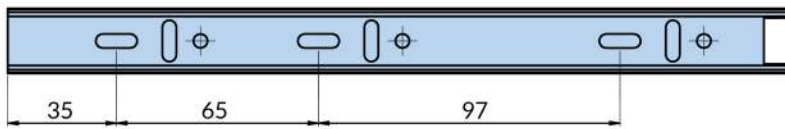
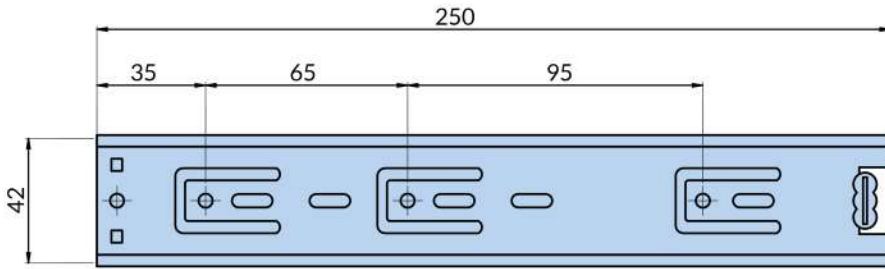
### With Brake



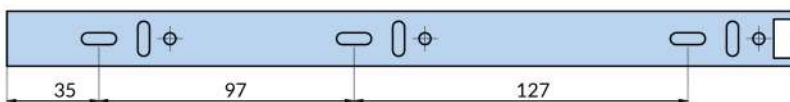
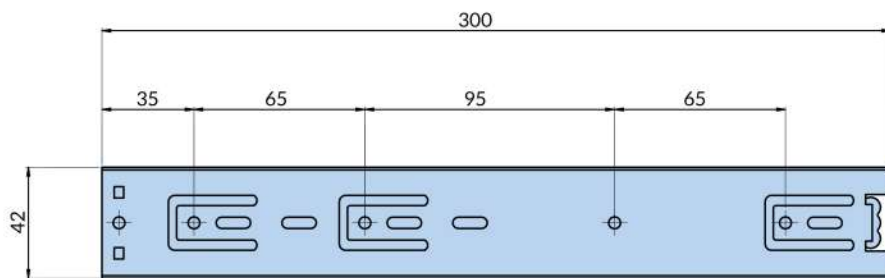
### Without Brake

Part Number	 MM	 MM	Wheel	 KG	 MM	$\varnothing$ M	H
OA-26-A-50	50	21	PVC	60	75	M10	25
OA-26-A-60	60	25	PVC	80	85	M10	30
OA-26-A-75	75	27.50	NYLON	100	100	M10	30
OA-26-A-80	80	30	PVC	125	108	M10	30





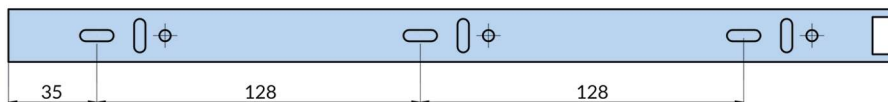
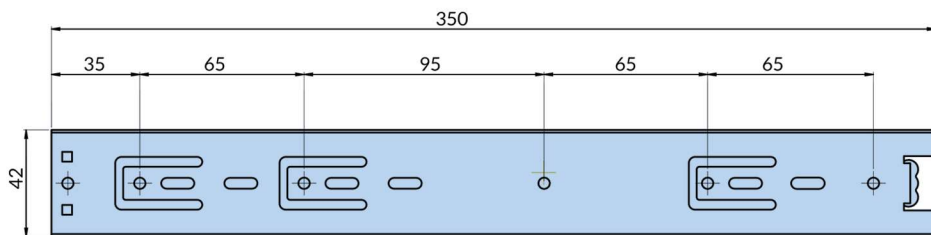
10" SLIDER



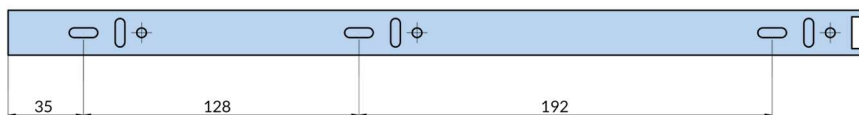
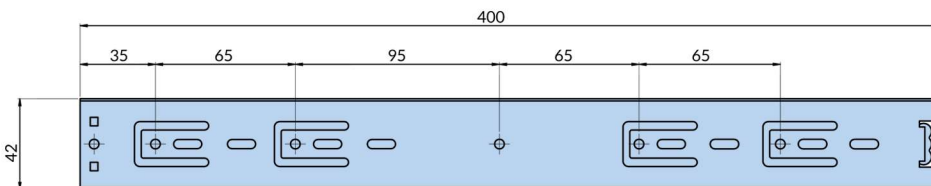
12" SLIDER

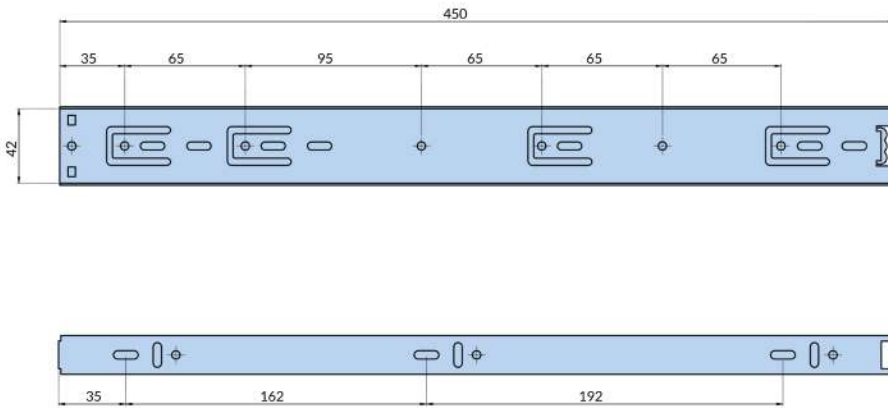


14" SLIDER

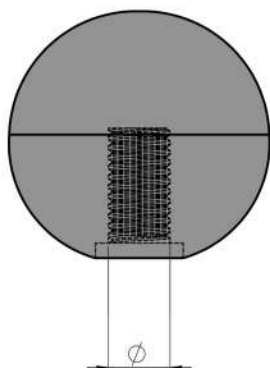
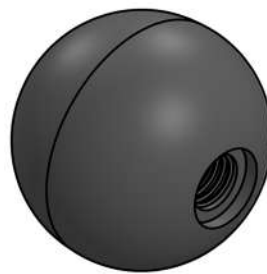
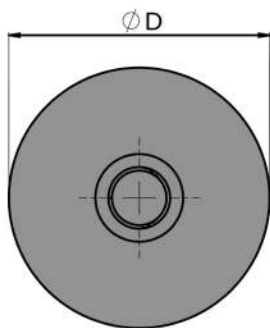


16" SLIDER





18" SLIDER



Part No	$\phi$	$\phi D$
OA 31.1	M10	40
OA 31.2	M8	30
OA 31.3	M6	25



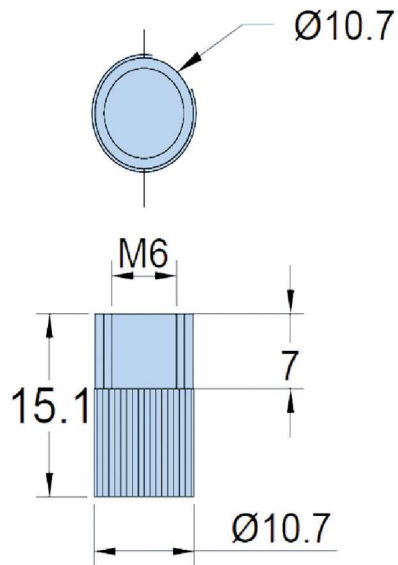
OA - 31

- Material: Zinc Die Casting
- Finish: Black Powder Coated



### OA - 36

- Material: Steel
- Finish: Zinc Blue Plating



Stainless Steel  
On Request

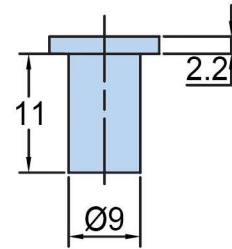
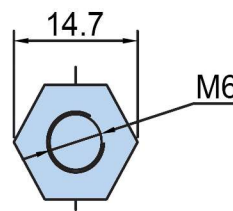
Available Size

M5
M6
M8
M10



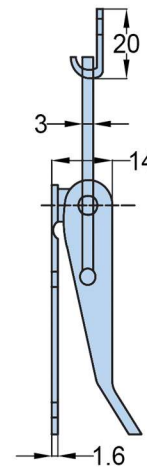
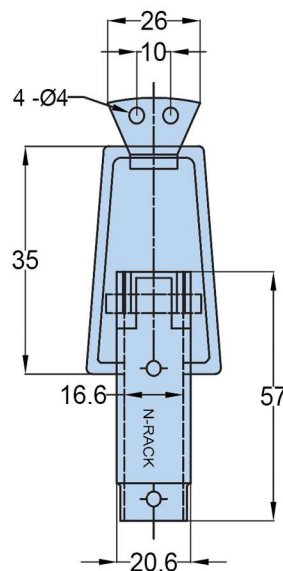
### OA - 38

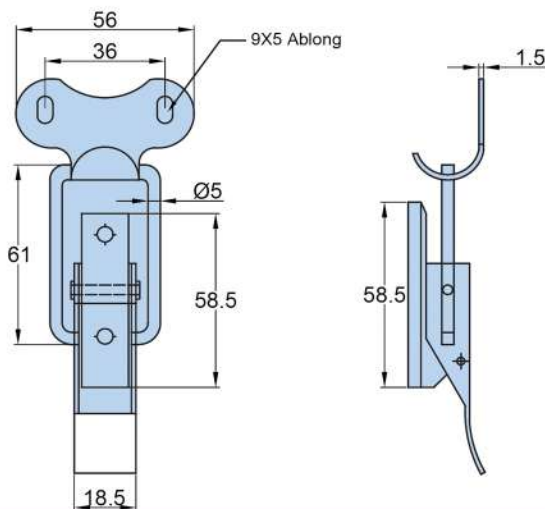
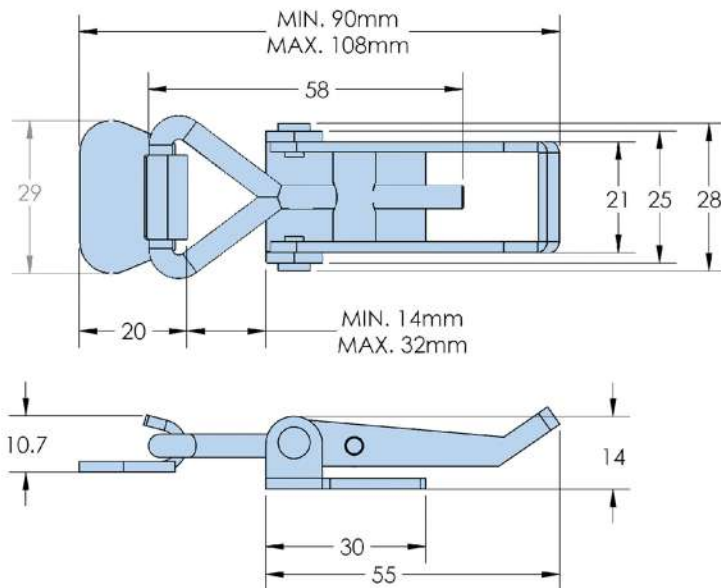
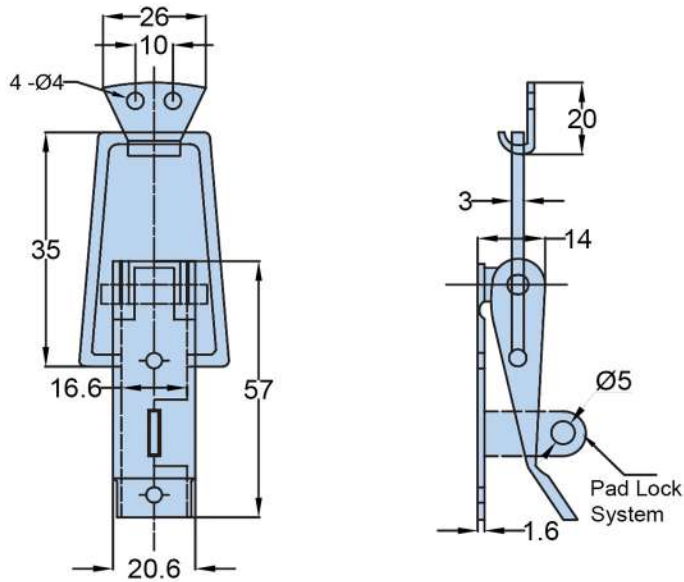
- Material: Steel
- Finish: Zinc Blue Plating



### OA - 39 A

- Material: Steel (Stainless Steel on request)
- Finish: Chrome Plating





**OA - 39 AB**

- Material: Steel (Stainless Steel on request)
- Finish: Chrome Plating



**OA - 39 C**

- Material: Steel
- Finish: Zinc Blue



**OA - 40 A**

- Material: Steel (Stainless Steel on request)
- Finish: Zinc Yellow/Blue Plating



**OA - 40 AB**

- Material: Stainless Steel



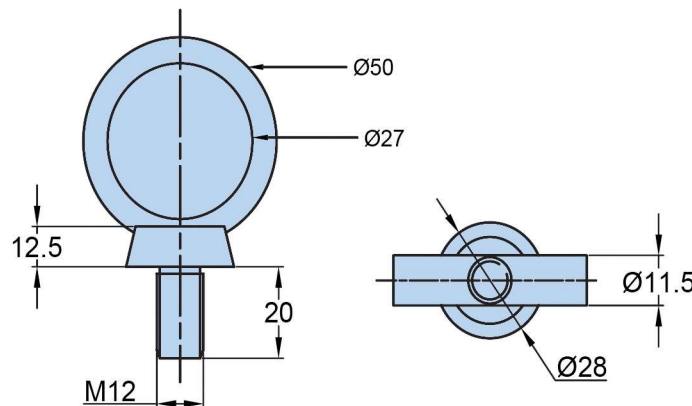
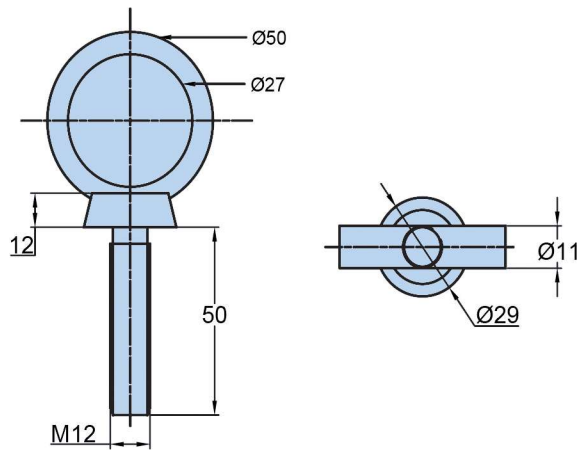
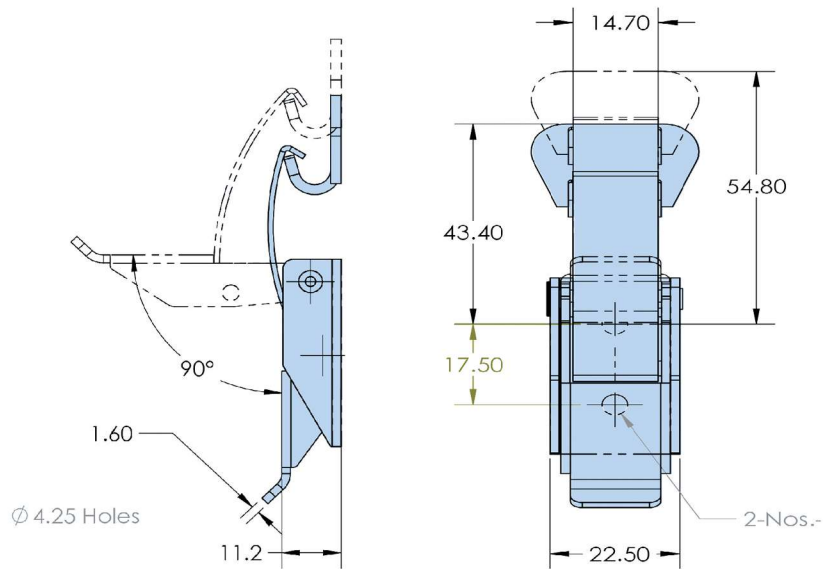
**OA - 41 A**

- Material: Steel Forged, Stainless Steel on request
- Finish: Zinc Yellow/Blue Plating



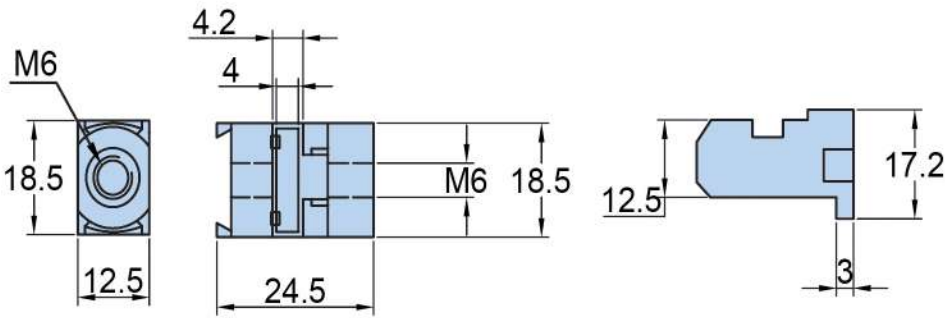
**OA - 42 A**

- Material: Steel Forged, Stainless Steel on request
- Finish: Zinc Yellow/Blue Plating



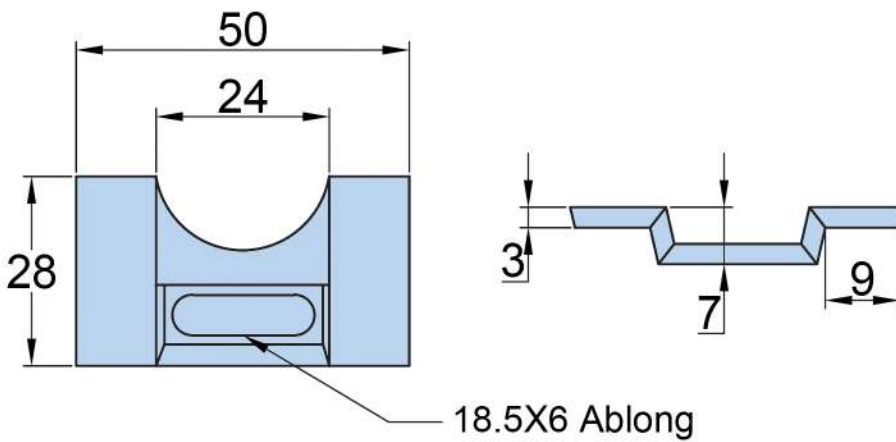
Available On Request

M10
M12
M16
M20
M22



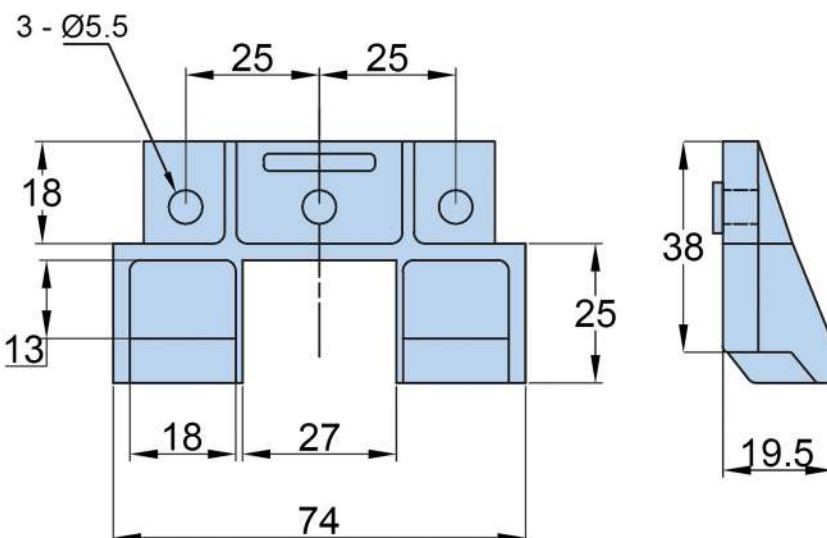
**OA - 43**

- Material: Steel Nut, Zinc Die Casting Body
- Finish: Sand Blasting



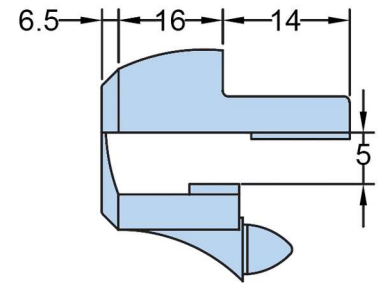
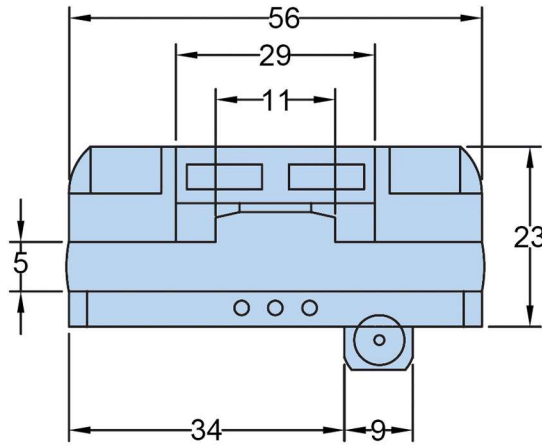
**OA - 44**

- Material: Zinc Die Casting
- Finish: Sand Blasting



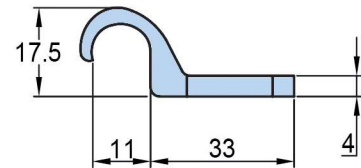
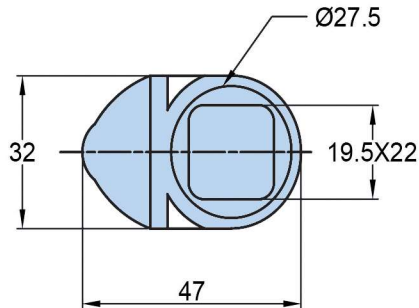
**OA - 45**

- Material: Zinc Die Casting
- Finish: Sand Blasting



OA - 45 A

- Material: NATural Rubber



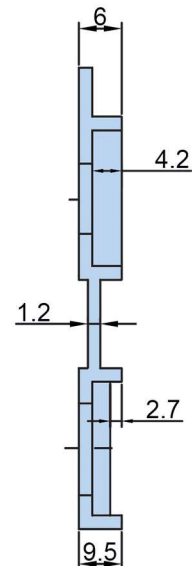
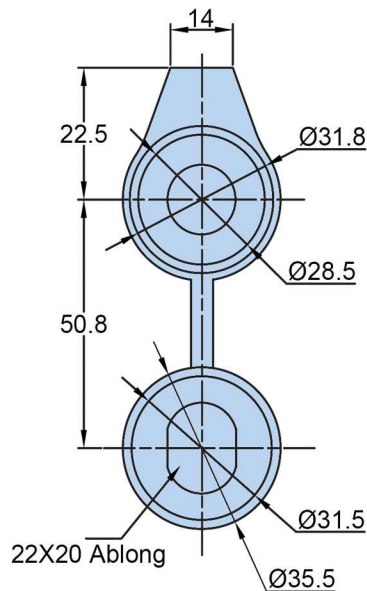
OA - 46

- Material: PA 6 GF-30

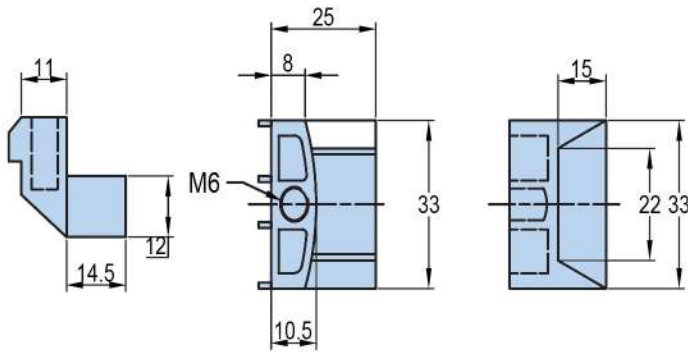


OA - 46 AB

- Material: Elastoplastic

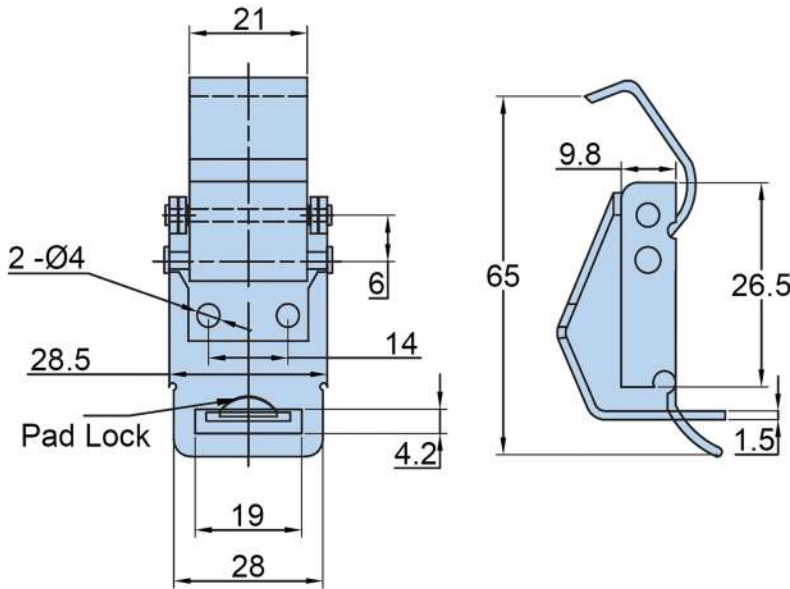






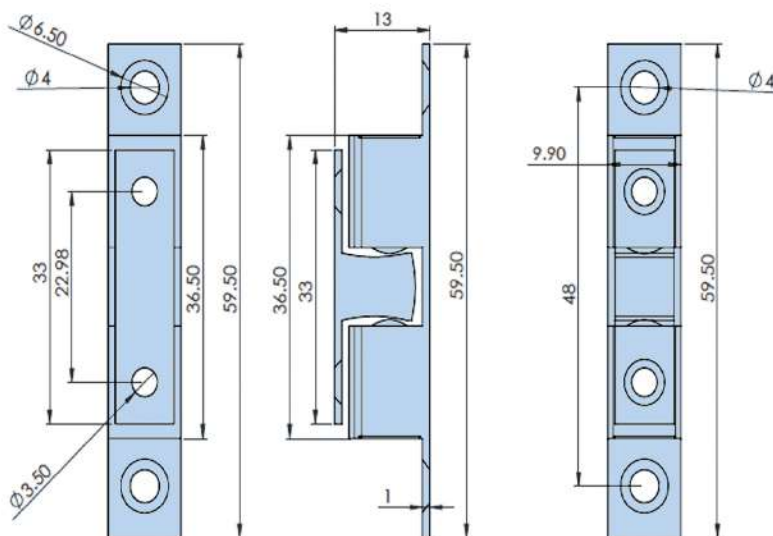
**OA - 47**

- Material: Zinc Die Casting
- Finish: Sand Blasting



**OA - 48**

- Material: Stainless Steel/Spring Steel



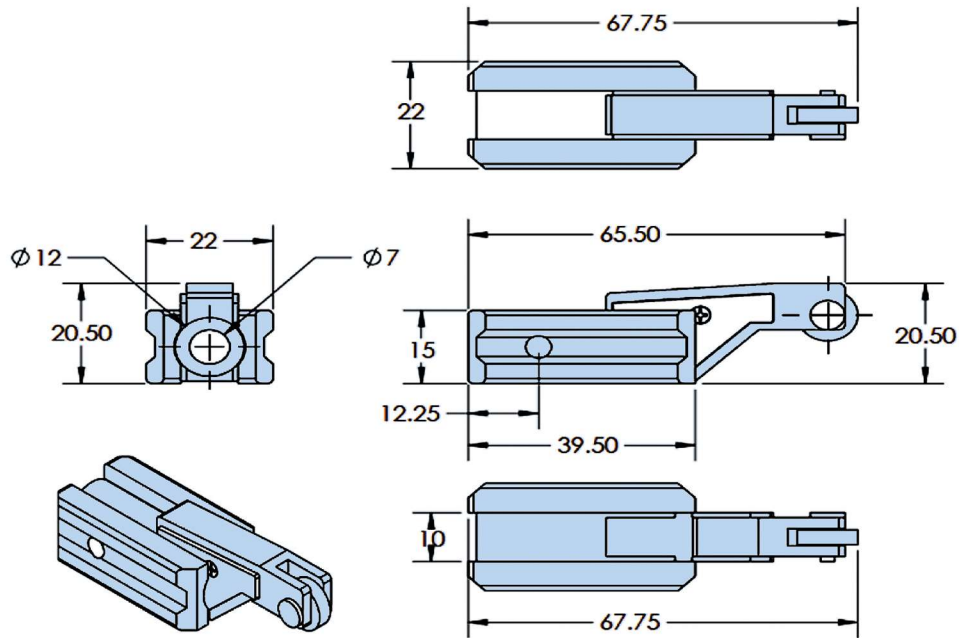
**OA - 49**

- Material: Brass



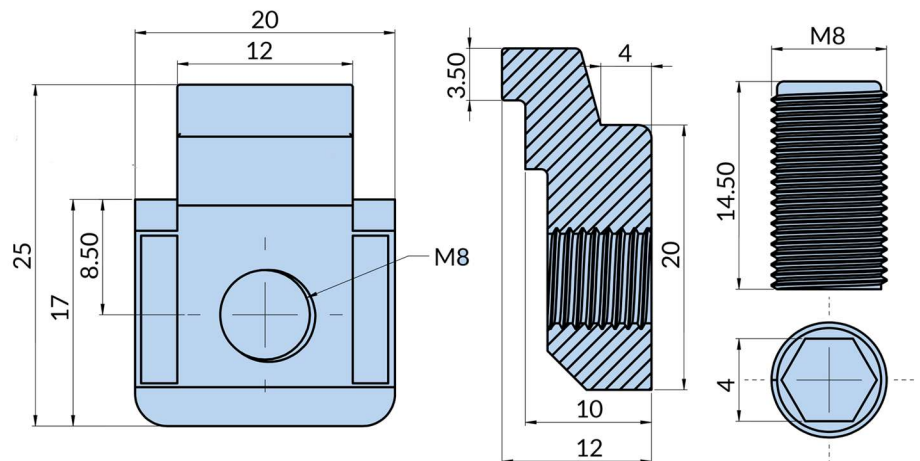
OA - 50

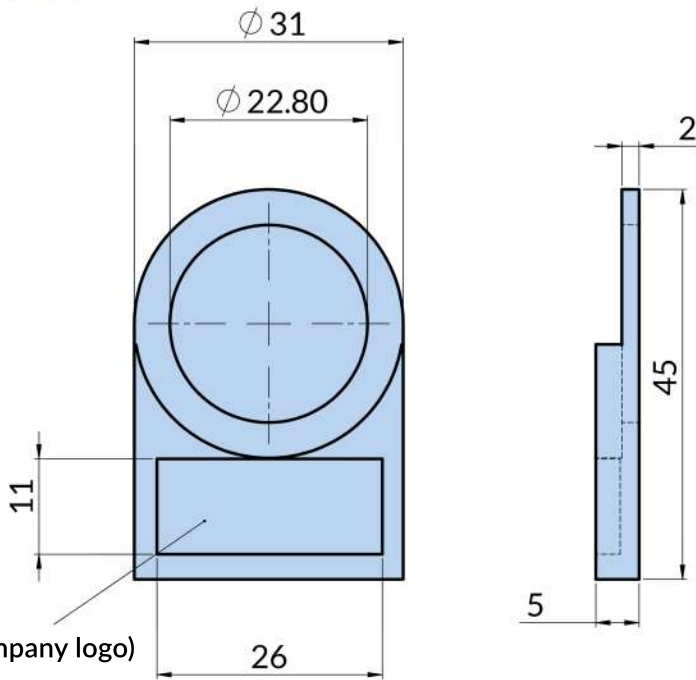
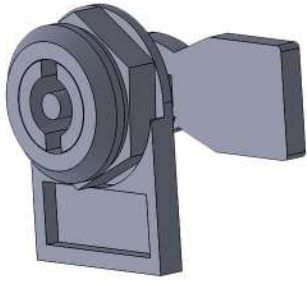
- Material: Zinc Die Casting Body/  
ABS Plastic Parts



PS 009

- Material: Zinc Die Casting
- Finish: Chrome Plating



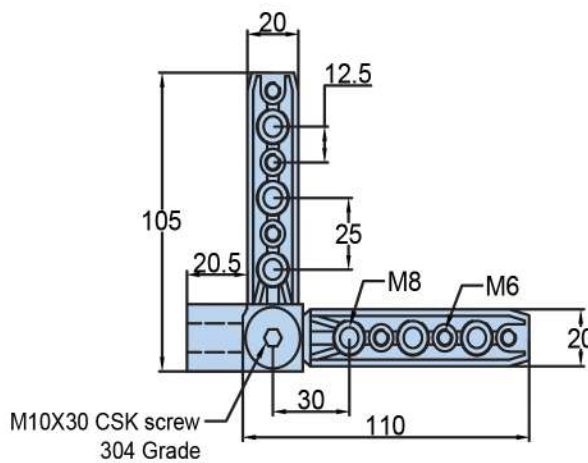
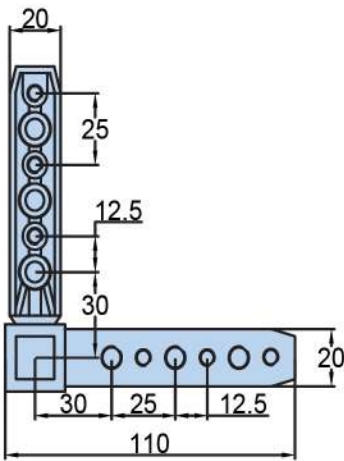


Naming Board  
(For using your company logo)



OA - 52

- Material: Zinc Die Casting
- Finish: Black Powder Coated



M10X30 CSK screw  
304 Grade



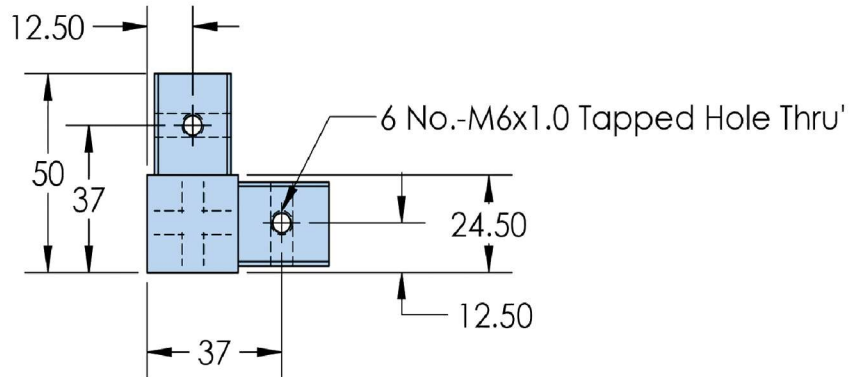
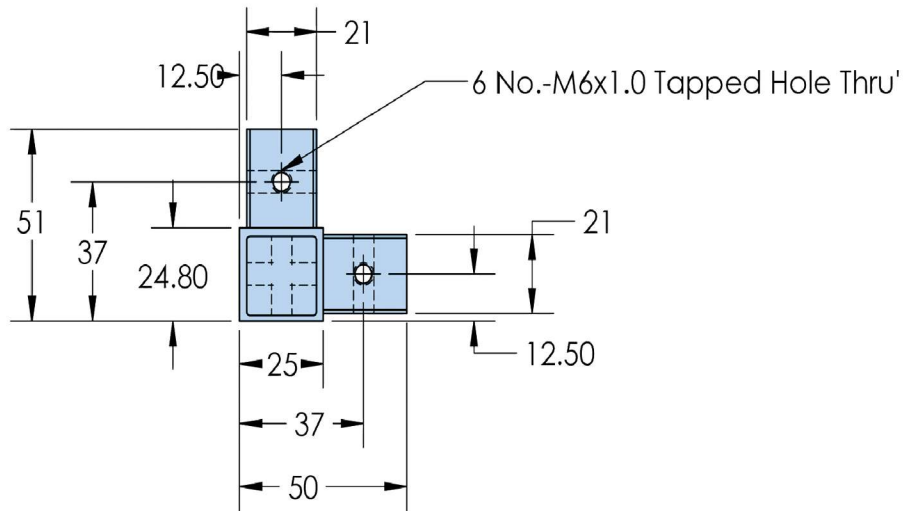
ST - 01 LH/RH

- Material: Zinc Die Casting



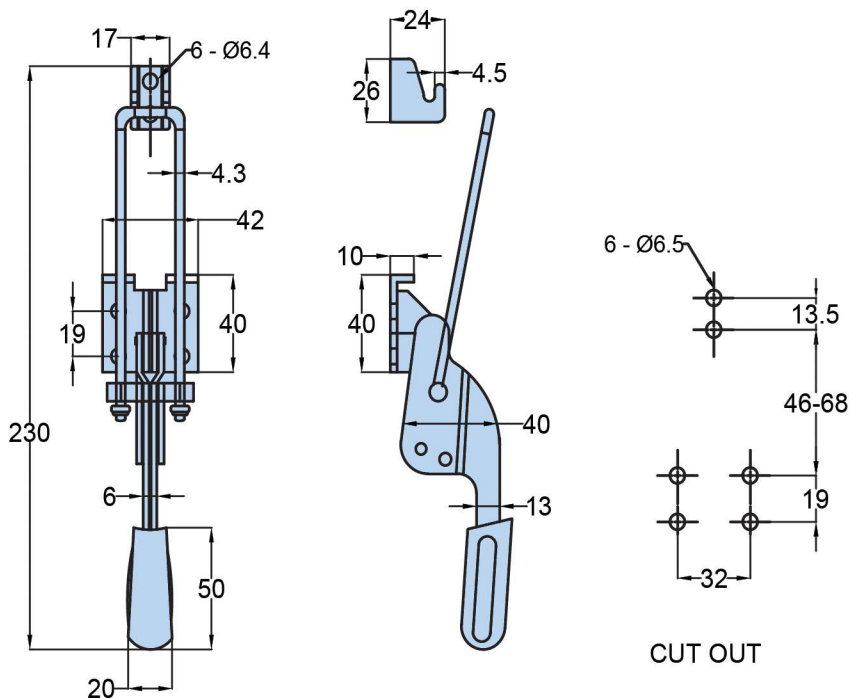
ST - 02

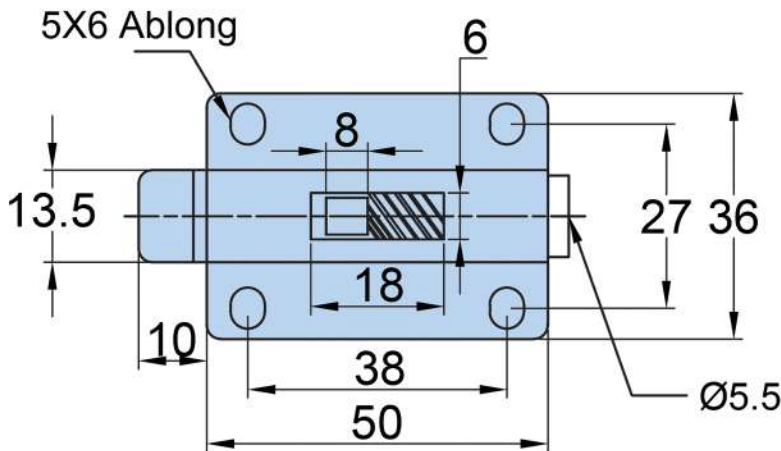
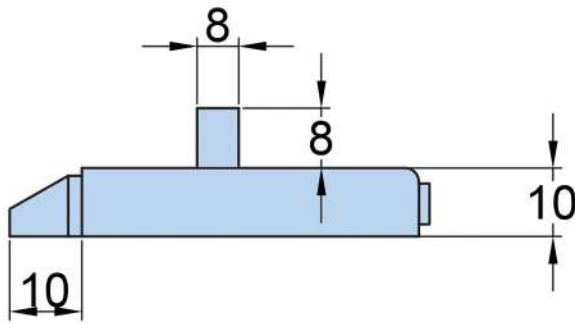
● Material: Aluminium Die Casting



DK - 102

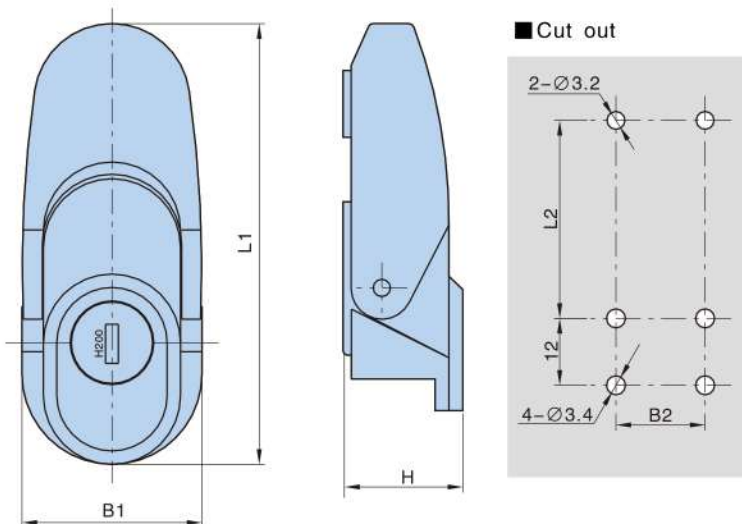
● Material: Steel  
● Finish: Zinc Die Casting





MX - 03

- Material: Steel & Zinc Die Casting
- Finish: Zinc Blue Plating



■ Cut out



- Material: Zinc-die casting body
- Finish: Bright chrome plating, Gray chrome plating, Black powder coated
- panel thickness: 1-4mm

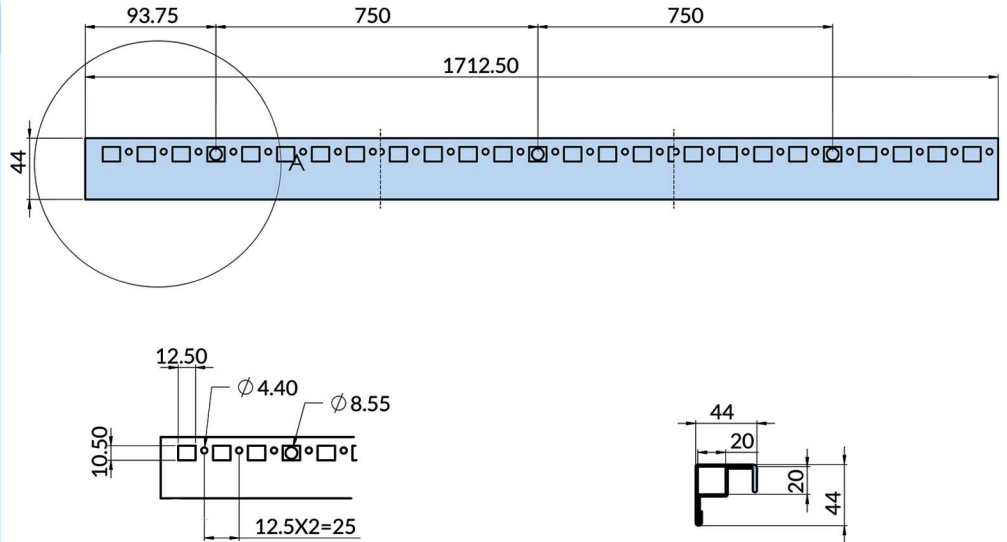
Dimensions					Product Number					
L1	L2	B1	B2	H	With key	Weight (g)	Lot	w/o key	Weight (g)	Lot
80	35.5	32.5	16	21.5	DKS - 1 - 1.1	126.5	200	DKS - 1 - 2.1	117.5	200
65	30	26.5	12	17.5	DKS - 2 - 1.1	69	250	DKS - 2 - 2.1	63.5	250



PS 040

- Material: Zinc Die Casting
- Finish: Chrome Plating

## 9 Folded Profile



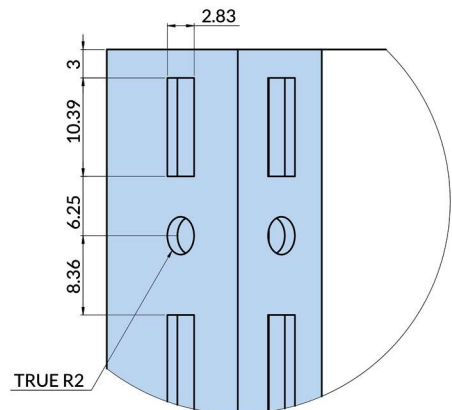
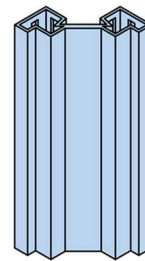
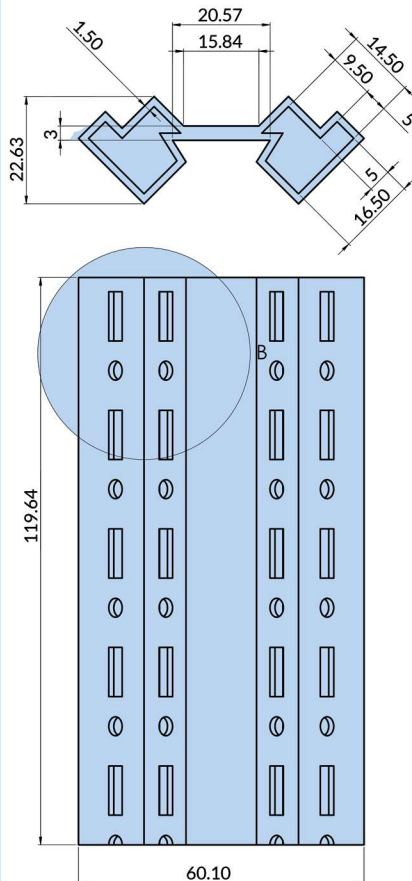
DETAIL A  
SCALE 1 : 2



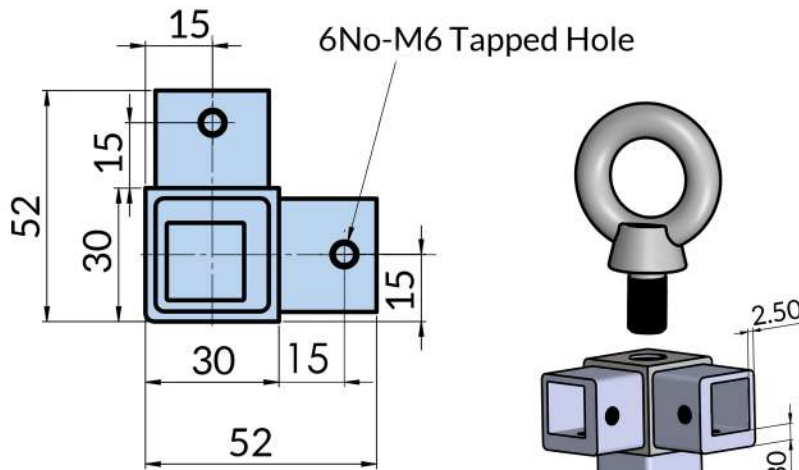
TS - 092

- Material: Zinc Die Casting
- Finish: Chrome Plating

## 16 Folded Profile

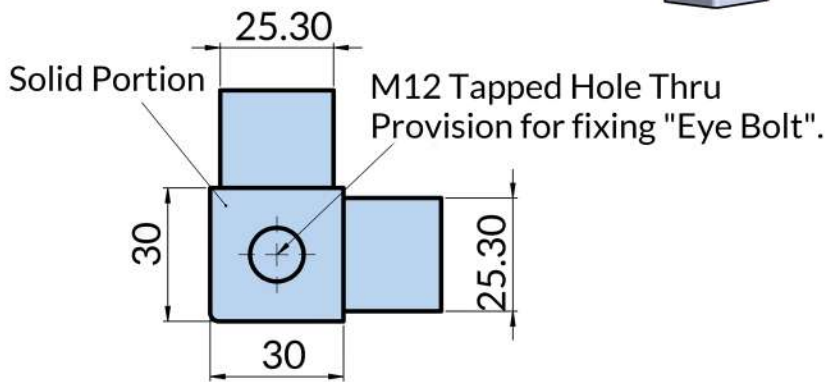


DETAIL B  
SCALE 4 : 1

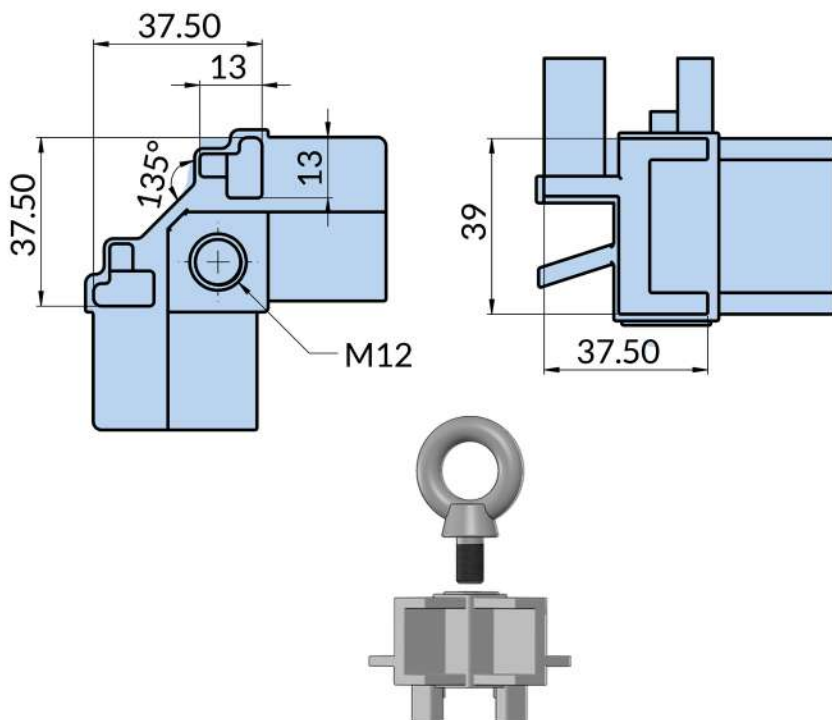


ST - 03

- Material: Zinc Die Casting
- Finish: Black Powder Coated



**Corner Block For  
16 Folded Profile**



ST - 04

- Material: Zinc Die Casting
- Finish: Black Powder Coated

# CHARACTERISTIC SIGN



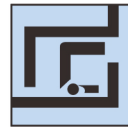
INSIDE THE GASKETING



OUTSIDE THE GASKETING



PROMINENT HINGE



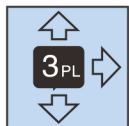
CONCEALED HINGE



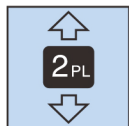
CASSETTE HINGE



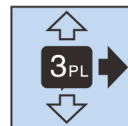
COMPRESSION



3 POINT LOCKING SYSTEM



2 POINT LOCKING SYSTEM



CHANGEABLE POINT LOCKING SYSTEM



IP PROTECTION IP54



IP PROTECTION IP64



IP PROTECTION



RH DOOR



LH DOOR



RH DOOR OR LH DOOR



EPDM PUR-FOAMED SEAL



STAINLESS STEEL



UNIQUE KEY ON REQUEST



STAINLESS STEEL



PADLOCKABLE



WATERPROOF



NEW PRODUCTS




**NOTES**


A large grid of dashed lines for taking notes, occupying most of the page below the 'NOTES' header.




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