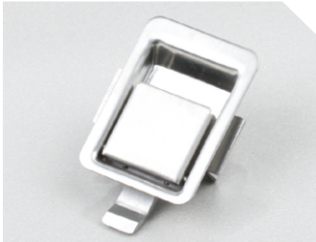


2019-2020

www.shaphil-hardware.com



Shaphil
hardware



Company Introduction

Shaphil is one of your trusted and best solution providers of access control hardware in North America. We supply variety of product lines covering various industrial applications. Shaphil is an official distributor of SHENGJIU Cabinet Lock, CO. (with the global famous brand name “SJ[®]”). Our team is a combination of decades of experience in industrial hardware business, superb expertise in technical and engineering application, and abundant global resource in manufacturing and production. We offer high quality and cost-effective access hardware, including total solutions for product application, quality assurance, engineering supporting (e.g., prototyping, modification, etc.), and on-time door-to-door delivery.

This catalog is a gateway for you to quickly retrieve the basic information of Shaphil products. For special needs, we can also provide prototyping, sampling or modifications based on customers’ design, applications or samples.

For more information, please visit our web site at www.shaphil-hardware.com

or contact us via email
csr@shaphil-hardware.com

or call at: (302) 894-4964

Product Directory

3-6 Cam Latch / Cam Lock

- 90 Degree Cam Rotation
- Fixed and Adjustable Grip Options
- Quick and Easy Actuation



7-14 Compression Latches

- Eliminate Noise and Rattle
- Compress Gaskets
- Fixed and Adjustable Grip Options



15-18 Draw & Rotary Latches

- Co-Planar and Off-Plane Application
- Eliminate Rattles and Compress Gaskets
- Low Closing Actuation Force
- Can Be Hand Drive and Paired with Actuators



19-22 Handle Turn and Lift Turn Latches

- Simply Turn Handle, or Lift Handle and Turn
- Choices of Pre-set Pull-up Compression
- Flush-mounted or large profile to fit application\



23-26 Push To Close Latches

- Fixed and Adjustable Grip Options
- Quick and Easy Actuation
- Slam to close option



27-30 Handles

- Fast Easy Installation
- Concealed And Low Profile Styles



31-34 Hinges

- Provides Added Functionality
- Removal Capability Available
- Concealed And Low-Profile Styles



35-37 Swing Handles & Multipoint Systems

- A Single Actuator Drives Multiple Latching Points
- Apply Compression Pressure To Entire door
- Provide Convenient Solution For Large Door Spans



38-65 Accessories And Selection

Cam Latches / Cam Lock

						
MS705	MS705-3A	MS705-3C	MS705-3E	MS705-3U	MS705-K01	MS714-2
						
MS714-4	MS715	MS722	MS763	MS734	MS761	MS735
						
MS813	MS704-1	MS837	MS844	MS845	MS750	MS812
						
MS801-2	MS803	MS811-4	MS811-5	MS811-6	MS743-T91	MS705-3C-4
						
MS704-T95	MS823	MS705-3J	MS733-T93	MS706	MS809	MS729
						
MS741	MS742	MS754	MS744	MS745-2	MS748	MS760
						
MS303	MS806	MS815-1	MS815-2	MS772	MS824	MS705-3D
						
MS773-T03-B	MS802	MS775	MS714-3	MS739	MS801-1	MS733

For Detail Product Information, Send Request To CSR@shaphil-hardware.com

Cam Latches / Cam Lock

MS705-WW-TX-GH BH



WW - Head Style, See Table

T - Material, 1 - Die Cast Zinc, B - Stainless Steel (Selective)

X - Finish, 1 - Chrome, 5 - Black Powder

GH = Housing Height, 1 = 18 mm, 2 = 28 mm

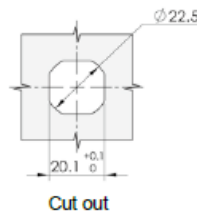
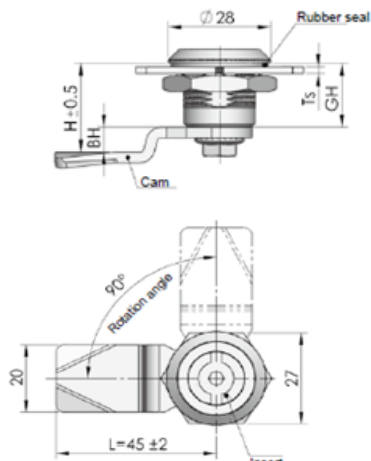
BH = Cam Offset, Grip Range = GH + BH

Head Style										
	WW=01	WW=02	WW=03	WW=04	WW=05	WW=06	WW=07	WW=09	WW=10	WW=14
* T=1, X=1	MS705-01-11-GH BH	MS705-02-11-GH BH	MS705-03-11-GH BH	MS705-04-11-GH BH	MS705-05-11-GH BH	MS705-06-11-GH BH	MS705-07-11-GH BH	MS705-09-11-GH BH	MS705-10-11-GH BH	MS705-14-11-GH BH
* T=1, X=5, GH=1, BH=2	MS705-01-15-12	MS705-02-15-12	MS705-03-15-12	MS705-04-15-12	MS705-05-15-12	MS705-06-15-12	MS705-07-15-12	MS705-09-15-12	MS705-10-15-12	MS705-14-15-12

* Example Of The Part Number Combination

BH	BH=4	BH=2R	BH=0	BH=2	BH=4	BH=6	BH=8	BH=10	BH=12	BH=14
Offset	-4mm	-2mm	0	2mm	4mm	6mm	8mm	10mm	12mm	14mm

BH is CAM offset dimension in mm for selection of grip range. Reference Appendix 3 for cam style and dimension



Application : Insert 90 degree quarter-turn opening or closing.

Default cam :S1B45Y07002 (ZDC)
S1B45Y07022 (SUS)

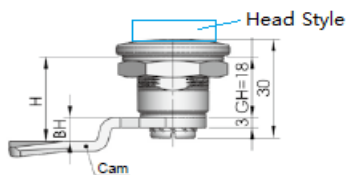
Performance parameter:

Maximum static load:270N

Recommended nut tightening torque:20N.m

Maximum input torque:9N.m

MS705-3WW-TX-BH



WW - Head Style

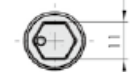
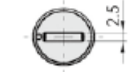
T - Material, 1 - Die Cast Zinc, B - Stainless Steel (Selective)

X - Finish, 1 - Chrome, 5 - Black Powder, 6 - Passivate

GH = Housing Height, 1 = 18 mm, 2 = 28 mm

BH = Cam Offset, Grip Range = GH + BH

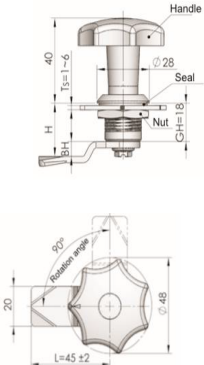
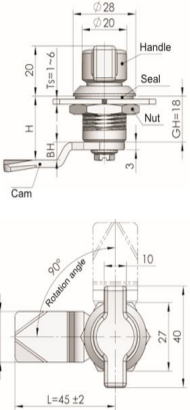
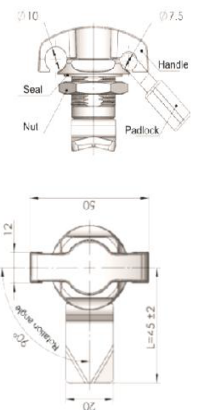
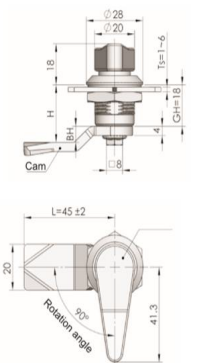
Example of Head Style And Part Number

Example of Head Style And Part Number			
 MS705-3C1-11-BH	WW = C4 Short Knob A = 31 T - 1 X - 5 BH -Cam Offset	 MS705-3E1-15-BH	WW = E1 Key Lock A = 28 T - 1 X - 5
 MS705-3C4-15-BH	WW = C4 Short Knob A = 31 T - 1 X - 5	 MS705-3U1-15-BH	WW = U1 T - Handle A = 31 T - 1 X - 5
 MS705-3J1-B6-BH Hexagon 11 mm, WW- J1		 MS705-3J2-B6-BH WW = C4 Arrow A = 28 T - B X - 6 BH - Cam Offset, See Table	
 MS705-3J3-B6-BH Slot, WW - J3			

A - Head Size, Diameter of Lock Head

Cam Latches / Cam Lock

MS714-W-GH-BH

Handle Style								
W	W = 1	W = 1A	W = 2	W=2A	W=3	W=3A	W=4	W=4A
Housing	ZDC	Plastic	ZDC	Plastic	ZDC	Plastic	ZDC	Plastic
Handle	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
GH =1 = 18	MS714-1-1-BH	MS714-1A-1-BH	MS714-2-1-BH	MS714-2A-1-BH	MS714-3-1-BH	MS714-3A-1-BH	MS714-4-1-BH	MS714-4A-1-BH
GH =2 = 28	MS714-1-2-BH	MS714-1A-2-BH	MS714-2-2-BH	MS714-2A-2-BH	MS714-3-2-BH	MS714-3A-2-BH	MS714-4-2-BH	MS714-4A-2-BH
Style Dimension								

BH = 2R

BH=0

BH=2

BH=4

BH=6

BH=8

BH=10

BH=12

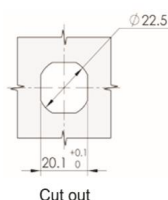
BH=14

BH is CAM offset dimension in mm for selection of grip range. Reference Appendix 3 for cam style and dimension

Default cam : S1B45Y07005

Main material and finish : Pocked black powder coated ZDC housing and handle, white zinc-plated steel cam

Application : Handle 90 degree quarter-turn opening or closing

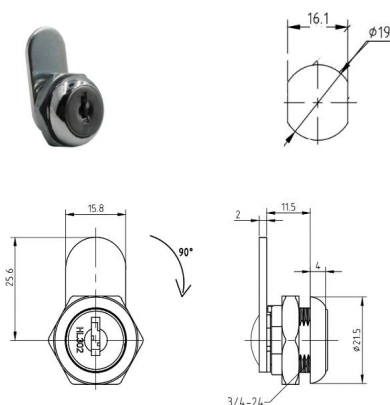
**Performance parameter:**

Maximum static load:250N

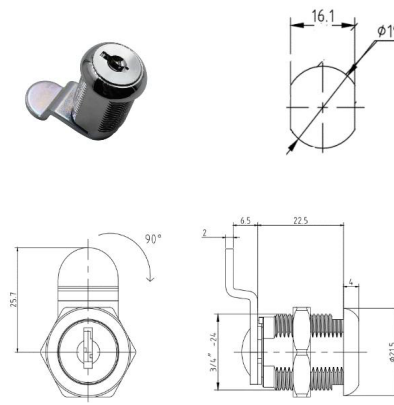
Recommended nut tightening torque:20N.m

Maximum input torque:18N.m

MS743-T91



MS733-T93



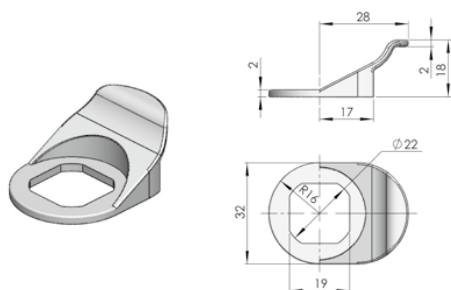
Material: Die -casting housing and stud, steel pawl

Finish: Chrome;

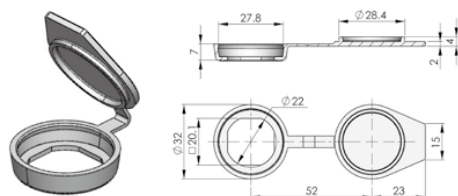
Key: Two keys per set. key code HL302

Cam Latches / Cam Lock

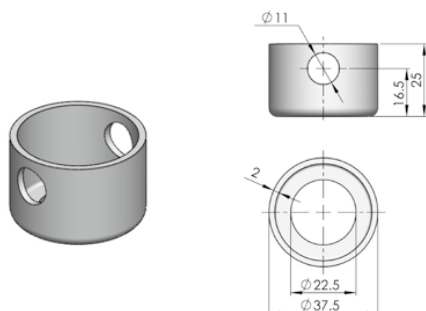
HP001 Handle pull (Optional)



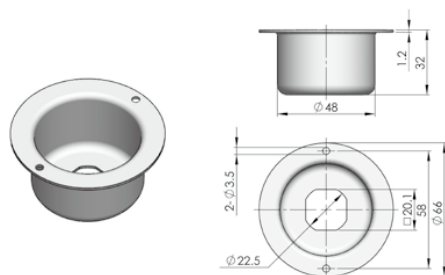
WP002 Water-proof cap (Optional)



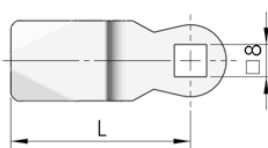
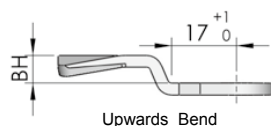
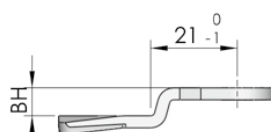
A3001 Stainless steel lock tube (Optional)



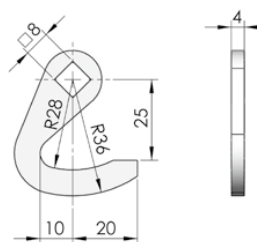
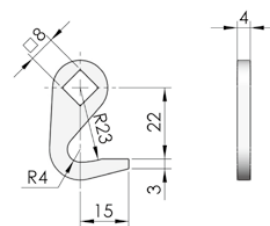
A3002 Carbon steel seat cover (Optional)



Cams (Optional)

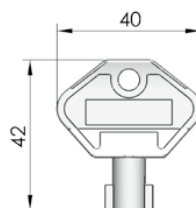


Remark : See S1B cam series on P007

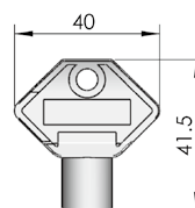


SIB2836H (Hooked cam)

Keys for selection

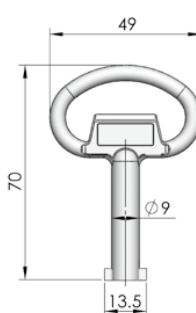


K15-1F

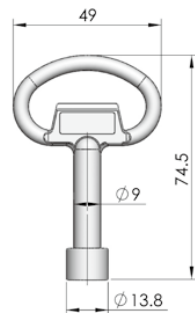


K15-□F Series

Remark: Material is plastic, "□" stands for the model variable.

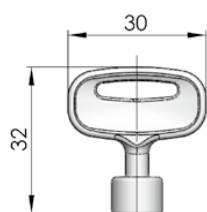


K15-1

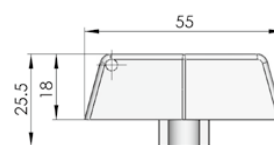


K15-□ Series

Remark: Material is ZDC, "□" stands for the model variable.



K15-05E



K15-01D

Remark: Material is ZDC, "□" stands for the model variable.

Compression Latches

					
MS708	MS712	MS718	MS718-3	MS719	MS723
					
MS726-1	MS726-1A	MS726-2	MS816-1	MS816-2	MS816-3S
					
MS816-4B	MS817	MS818	MS735-4	MS834-5	MS816-1D-1
					
MS719-1U	MS719-1C	MS718-2	MS726-3	MS735	MS861-3
					
MS861-4	MS739	MS864-4	MS982-3A	MS982-3	MS892-1A

For Detail Product Information, Send Request To CSR@shaphil-hardware.com

Compression Latches



Main material and finish : Blue-gray powder coated ZDC housing and insert, white zinc-plated steel cam, PA handle pull

Application: Cam quarter-turn to open or close, with function of locking

Remarks: Optional key K15 series

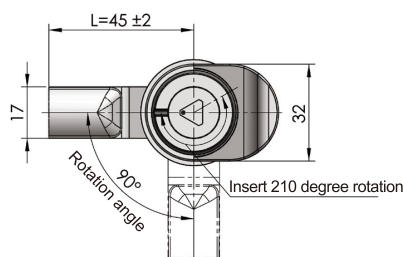
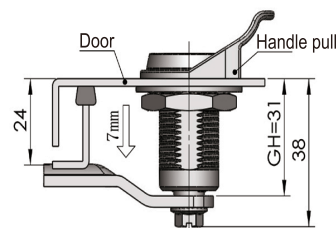
Default cam : S1B45N07016(Unadjustable)
S1M33Y00002(Adjustable Ts=5)

Performance parameter:

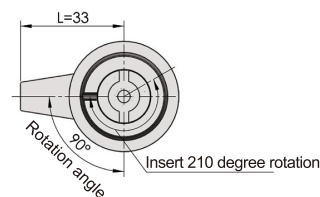
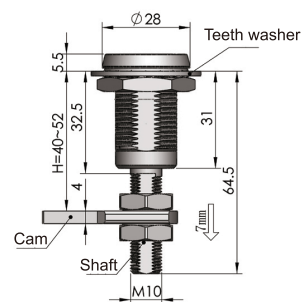
Maximum static load: 300N

Recommended nut tightening torque: 20N.m

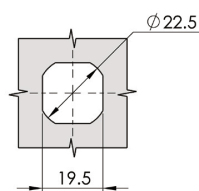
Maximum input torque: 11N.m



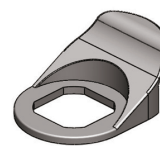
Unadjustable type



Adjustable type



Cut out

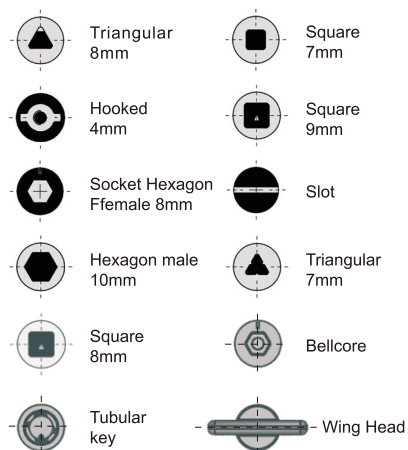


HP001 handle pull (Optional)



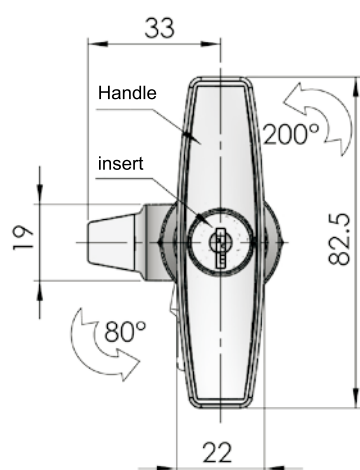
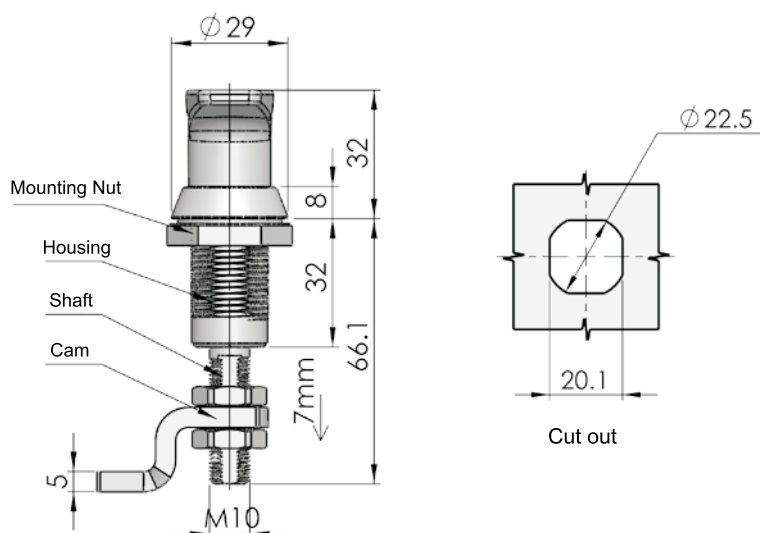
WP002 water-proof cap (Optional)

Remarks : Inserts sketch refers to inserts list 2 on P058

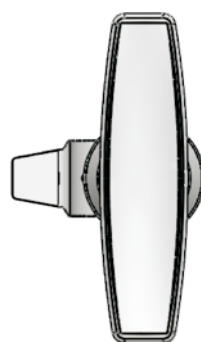


Specification	Unadjustable type Item	Adjustable type Item	KEY
8mm Triangle	MS816-1-1	MS816-1A-1	K15-3
S Hook	MS816-1-2	MS816-1A-2	K15-1
8mm Socket hexagon	MS816-1-3	MS816-1A-3	K15-18
10mm Hexagon	MS816-1-4	MS816-1A-4	K15-19
8mm Square	MS816-1-5	MS816-1A-5	K15-4
7mm Square	MS816-1-6	MS816-1A-6	K15-6
9mm Square	MS816-1-8	MS816-1A-8	K15-4
Slot	MS816-1-9	MS816-1A-9	
7mm Triangle	MS816-1-10	MS816-1A-10	K15-3
Knob Style		MS816-1A-11	
Abnormal	MS816-1-12	MS816-1A-12	
Bellcore		MS816-1A-14	
Tubular		MS816-1A-15	
Short Wing		MS816-1A-17	
Wing Knob Locking		MS816-1D-1	K57

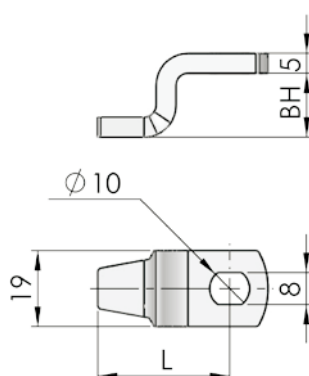
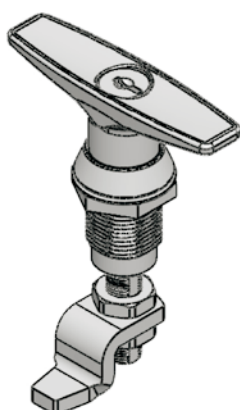
Compression Latches



MS816-1E-1



MS816-1E-2



MS816-1E-1



IP65

Main material and finish : Black pocked coated ZDC housing, handle, insert, zinc-plated steel cam;

Operation: 200° turn to open or close. 120° turn of wing knob causes shaft to pull of approximate 7mm, Then 80° turn causes cam to rotate to achieve lock opening. Locking status as picture shows

Remark: Optional key K16

Performance parameter:

Maximum static load: 300N

Recommended nut tightening torque: 20N.m



K16Key

Item	Specification
MS816-1E-1	with insert
MS816-1E-2	without insert

Compression Latches

MS816-3S-1



MS816-3S-2



Main material and finish: Black painted ZDC housing, insert and handle, white zinc-plated steel cam, PA water-proof cap

Application: Cam Quarter-turn to open or close, with function of locking

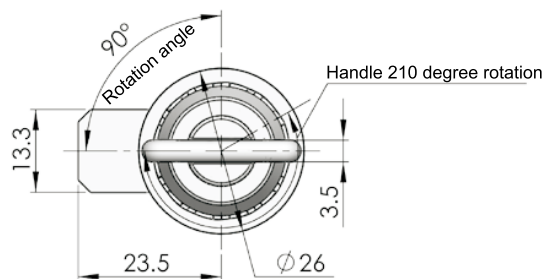
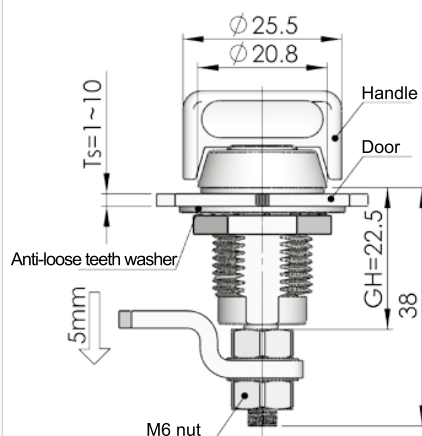
Default cam : S1G23N08005

Performance parameter:

Maximum static load: 360N

Recommended nut tightening torque: 20N.m

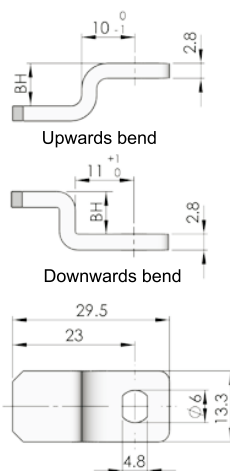
Maximum input torque: 8N.m



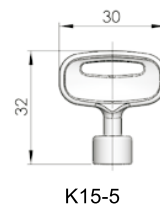
WP004(Optional)



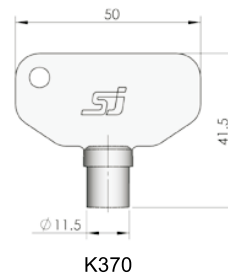
Cam(Optional)



key(Optional)



K15-5



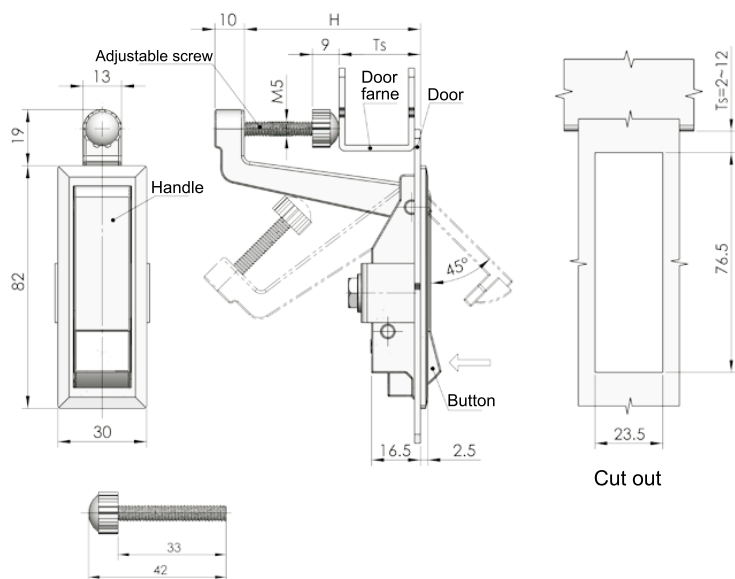
K370

Remark: Please refer to cam list on P009

Specification	Item	Optional key
Handle	MS816-3S-1	
6mm Square	MS816-3S-2	K15-5A
Abnormal	MS816-3S-3	K370
Slot	MS816-3S-4	

Remark: Default cam S1G23N08 (Cutout $\varnothing 6 \times 4.7$)

Compression Latches



Remark: Default adjustable screw, others on request

Specification	Item
H=46.5	MS708-1
H=59.5	MS708-2
H=24	MS708-3

MS708



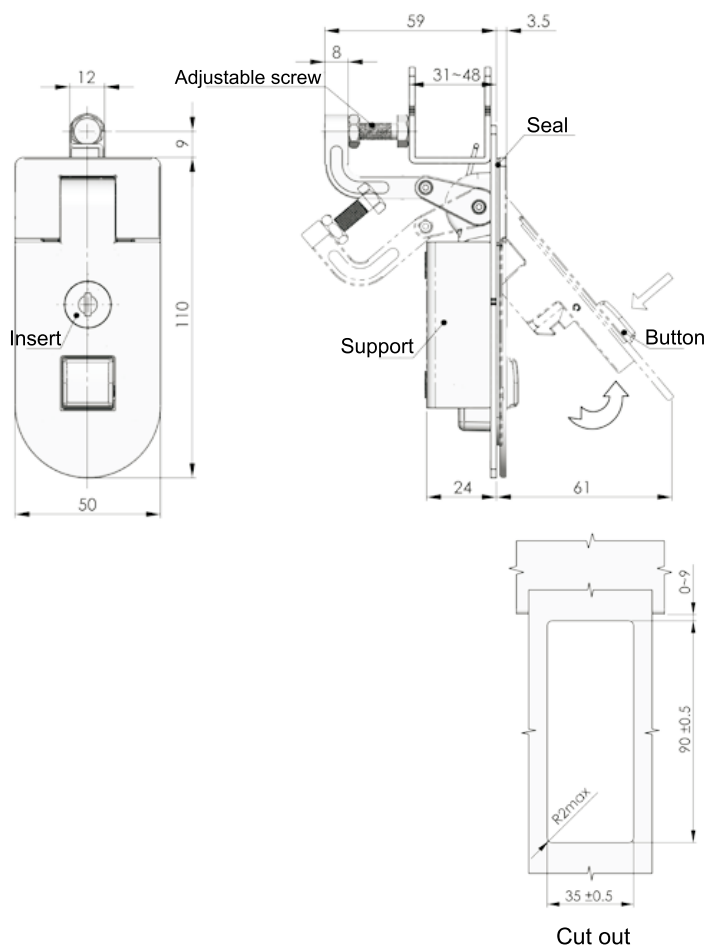
Main material and finish: Sand-blast ZDC housing, handle and button, zinc-plated steel screw

Application: Quick-open design, easy installation. Adjusting screw on cam meets the need of distance control

Performance parameter:

Handle load tension capability: $\leq 285\text{N}$

Maximum static load: 200N



MS718-3



Main material and finish: Black powder coated ZDC housing, handle, insert and button, white zinc plated steel screw

Application: Quick-open, easy assembling, by adjusting screw meets the need of distance control

Remark: Default key K160

Performance parameter:

Handle load tension capability: $\leq 1500\text{N}$

Maximum static load: 290 N

Compression Latches

MS718-3C



IP65

Main material and finish: Bright chrome-plated ZDC housing, handle and button, white zinc-plated support, connection, screw

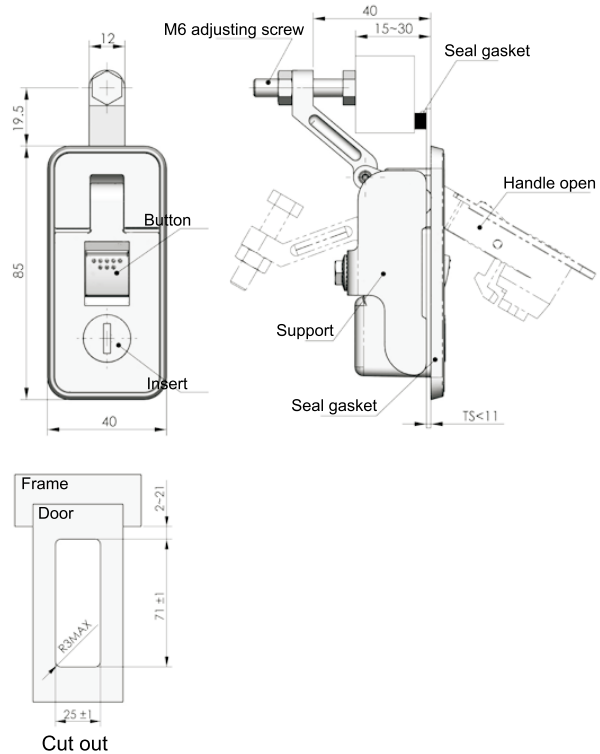
Application: Quick open, easy assembling, adjust nut to fit different H

Remark: Default K650 key

Performance parameter:

Handle load tension capability: $\leq 1300N$

Maximum static load: 290N



MS719-1C



Main material and finish: Black painted ZDC housing, handle, insert and button, white zinc-plated steel screw

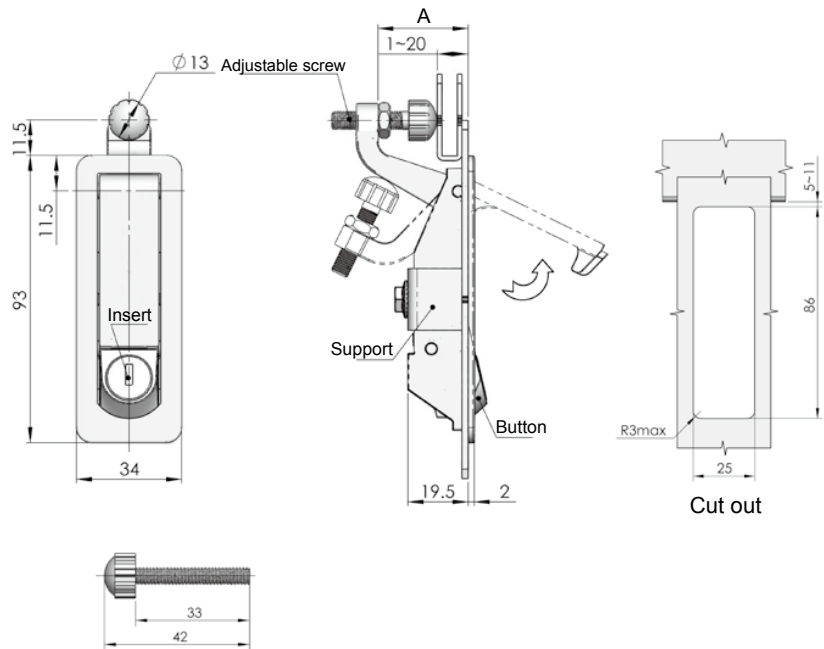
Application: Quick-open, easy assembling, by adjusting screw meets the need of distance control

Remark: Default key K020

Performance parameter: $\leq 1200N$

Handle load tension capability:

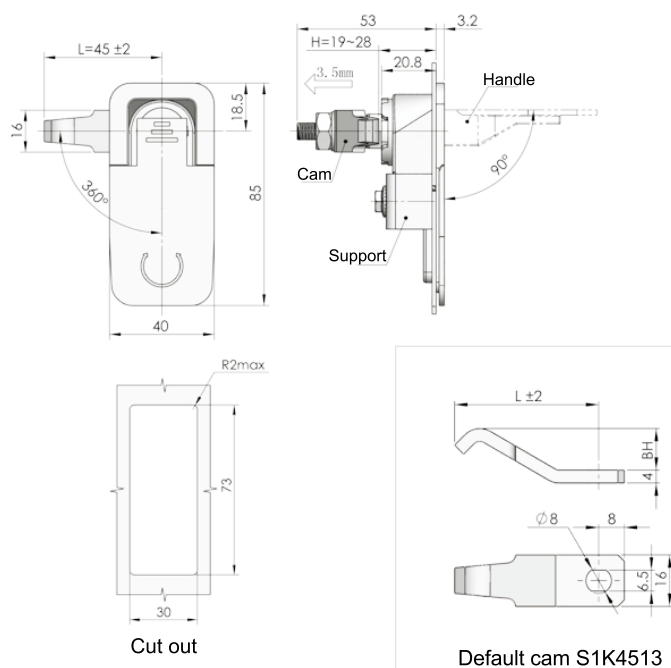
Maximum static load: 200N



Remark: Default adjusting screw, others on request

Specification	A=29	A=50
	Item	Item
With insert	MS719-1C	MS719-2C
Without insert	MS719-1CA	MS719-2CA

Compression Latches



	Black powder coated housing, handle	Bright chrome-plated housing, handle	Nanometer painted housing, handle
Item	MS726-1-B	MS726-1-C	MS726-1-N

MS726-1



Main material and finish: ZDC housing and handle, white zinc plated steel support and cam

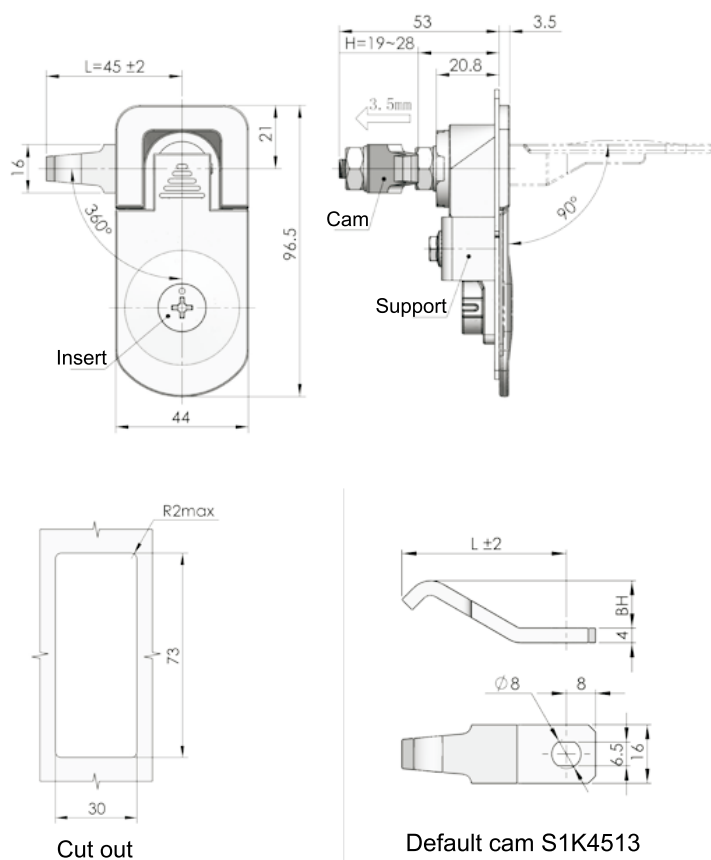
Application: Quick-open, easy assembling. H variable by adjusting nut with the function of telescopic

Default cam: S1K45N13004

Performance parameter:

Handle load tension capability: ≤420N

Maximum static load: 400N



MS726-1A



Sand-spraying



Main material and finish:

and bright chrome-plated ZDC housing, handle and insert, white zinc plated steel support and cam

Application: Quick-open, easy assembling, H variable by adjusting nut with the function of telescopic ≤420N

Default cam: S1K45N13004

Performance parameter:

Handle load tension capability:

Maximum static load: 400N

Compression Latches

MS982-3



MS982-3A



IP65

Material and finish: ZDC housing and handle

Finish : Bright chrome plated

Structure : Pull and turn the handle 90 degree, along with the cam, Closing the door by hitting when the lock is on the close status

Performance parameter:

MS982-3

Handle load torque capability: $\leq 31\text{N.m}$

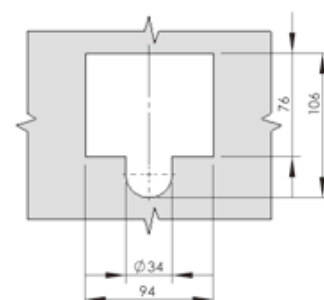
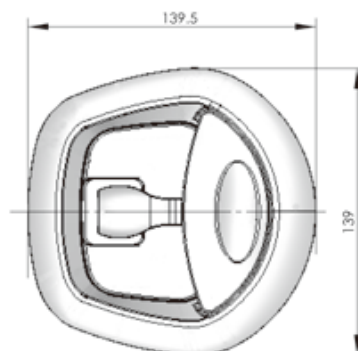
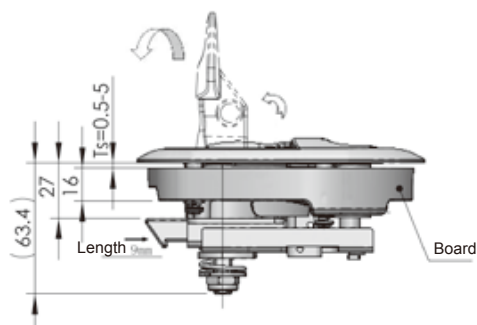
Cam loading capability: $\leq 4000\text{N}$

MS982-3A

Handle load torque capability: $\leq 39\text{N.m}$

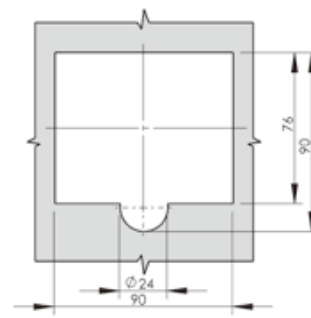
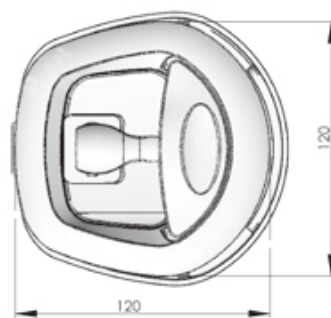
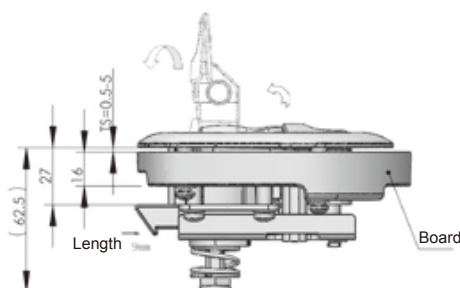
Cam loading capability: $\leq 2000\text{N}$

MS982-3



Cut out

MS982-3A



Cut out

Draw & Rotary Latches

				
DKS	DK601	DK602	DK603	DK3-1625-07
				
DK604	DK605	DK606	DK609	DK603-3
				
DK610	DK611	DK615	DK5-2856	DK617
				
DK618	DK623	DK624	DK634	DK5-2754
				
DK635	DK2-3001	DK639	DK3-1080	DK636-1

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DKS

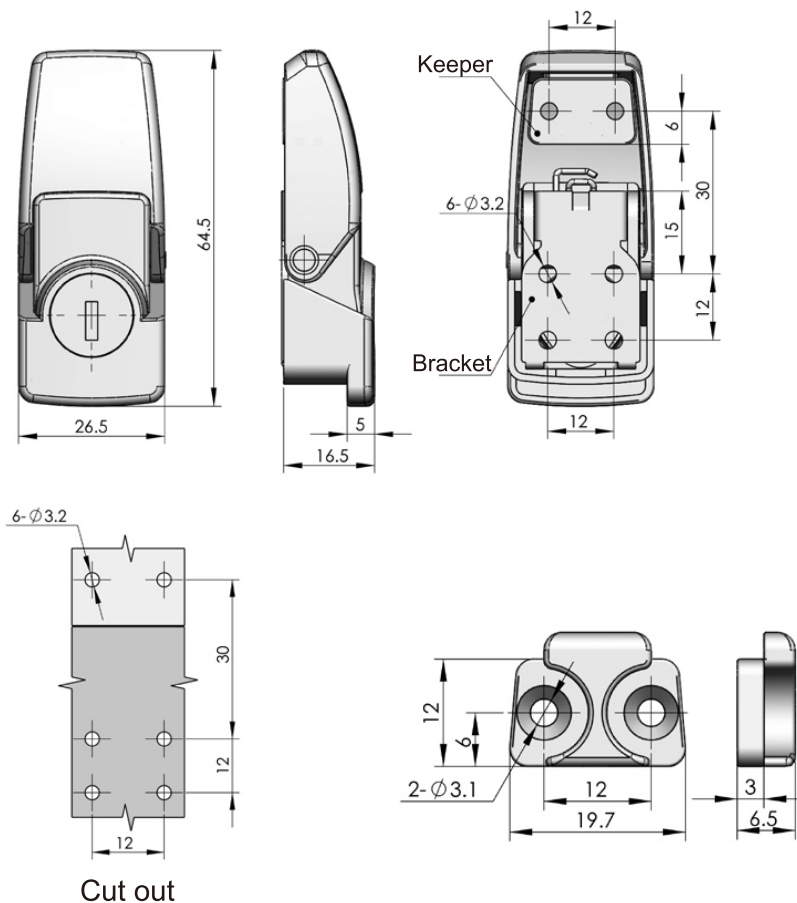
Remark: Optional key K080

[illegible]

W=1 With insert	W=2 Without insert
T = C Chrome Finish	T = B Black Finish

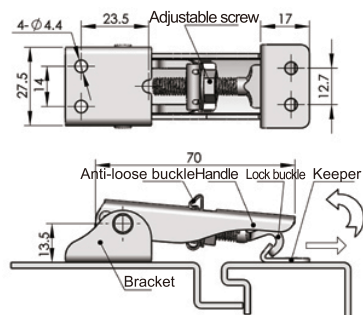
DK604

Remarks: Key K080 for selection

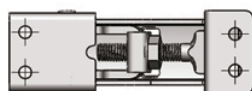


Draw & Rotary Latches

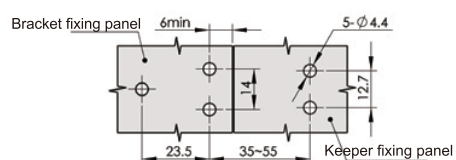
Exposed type



With anti-loose buckle

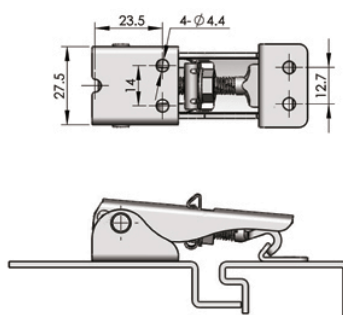


Without anti-loose buckle

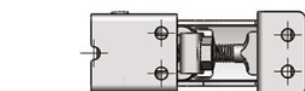


Cut out

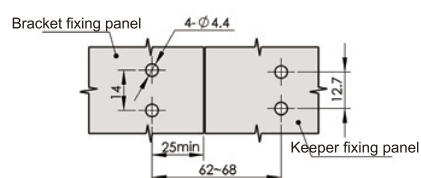
Concealed type



With anti-loose buckle



Without anti-loose buckle



Cut out

DK602



Main material and finish: Electrolysis polished stainless steel or zinc-plated steel

Performance parameter:
Maximum static load: 430N

Specification	Exposed type	
	Stainless steel	Steel
	Model	Model
Without anti-loose hook	DK602-1ES	DK602-1E
With anti-loose hook	DK602-3B-1ES	DK602-3B-1E

Specification	Concealed type	
	Stainless steel	Steel
	Model	Model
Without anti-loose hook	DK602-1HS	DK602-1H
With anti-loose hook	DK602-3B-1HS	DK602-3B-1H

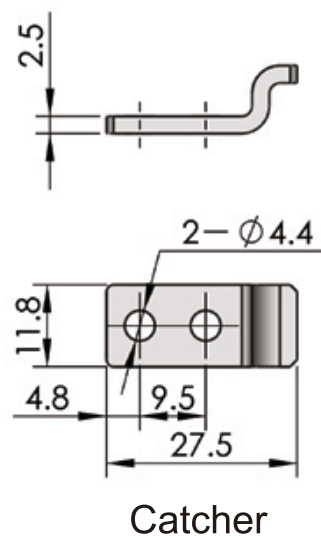
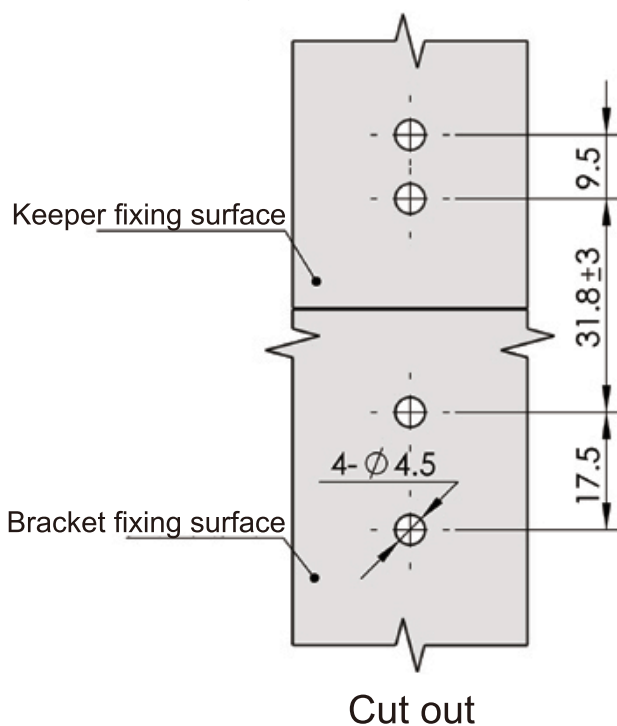
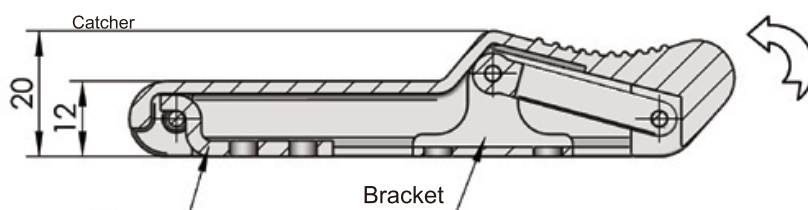
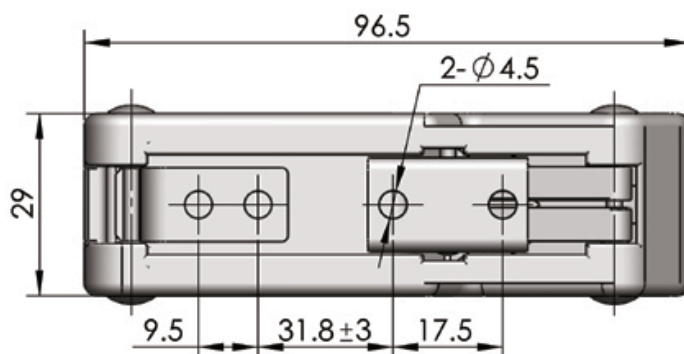
Draw & Rotary Latches

DK609



Main material and finish: Black rubber handle, stainless steel keeper and bracket

Performance parameter:
Maximum static load: 45N



Handle Turn and Lift Turn Latches

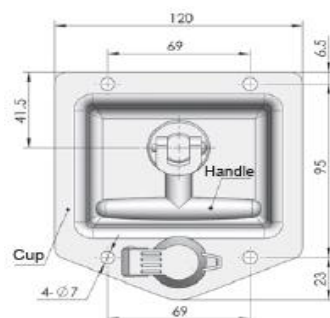
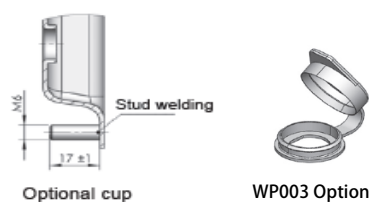
 MS301	 MS324-2	 MS312	 MS710	
 MS723	 MS868	 MS324	 MS737	 MS717-1
 MS887-4	 MS807-1	 MS859	 MS732	 MS842
 MS353	 MS887-1	 MS887-3	 MS856	 MS857

Handle Turn and
Lift Turn Latches

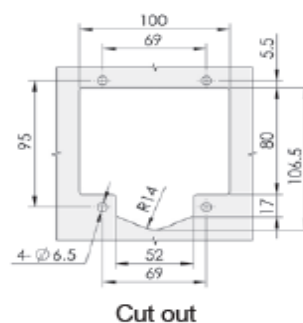
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Handle Turn and Lift Turn Latches

MS85X – W



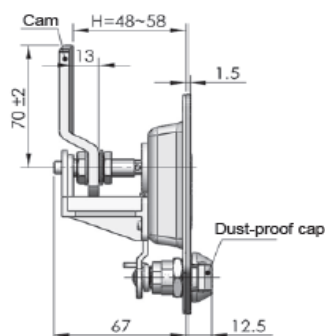
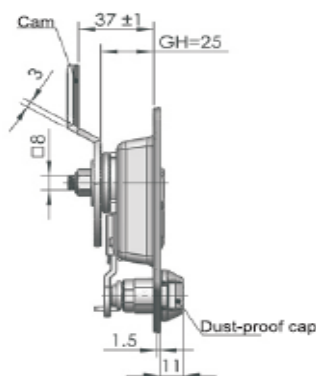
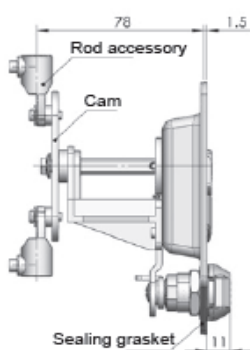
X = 6 Rod Option Deeper Cup
X = 7 Fixed Cam Action
X = 8 Adjustable Cam
W = 1 Hole Type Cup
W = 2 Screw Bolt Type



MS856-1 Hole Type Cup
MS856-2 Screw Bolt Type

MS857-1 Hole Type Cup
MS857-2 Screw Bolt Type

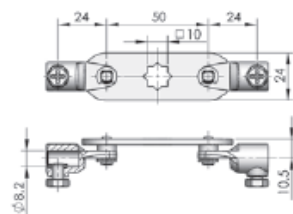
MS858-1 Hole Type Cup
MS858-2 Screw Bolt Type



Main material and finish: Mirror polished stainless steel cup, bright chrome-plated ZDC handle, shaft tube and dust-proof cap, white zinc-plated ZDC bracket, steel cam and shaft

Performance parameter:

Handle load torque capability: $\leq 24\text{N.m}$



Default cam S2C2500



Main material and finish: Mirror polished stainless steel cup, cam and shaft tube, bright chrome-plated ZDC handle, shaft tube and dust-proof cap

Performance parameter:

Handle load torque capability: $\leq 14\text{N.m}$

Cam loading capability: $\leq 510\text{N}$

Default cam: S3B65Y13001

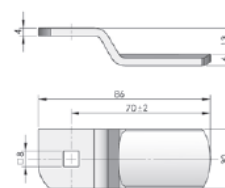
Main material and finish: Mirror polished stainless steel cup and cam, bright chrome-plated ZDC handle, shaft tube and dust-proof cap, white zinc-plated ZDC bracket and steel shaft

Remark: Default key K130

Performance parameter:

Handle load torque capability: $\leq 27\text{N.m}$

Cam loading capability: $\leq 510\text{N}$



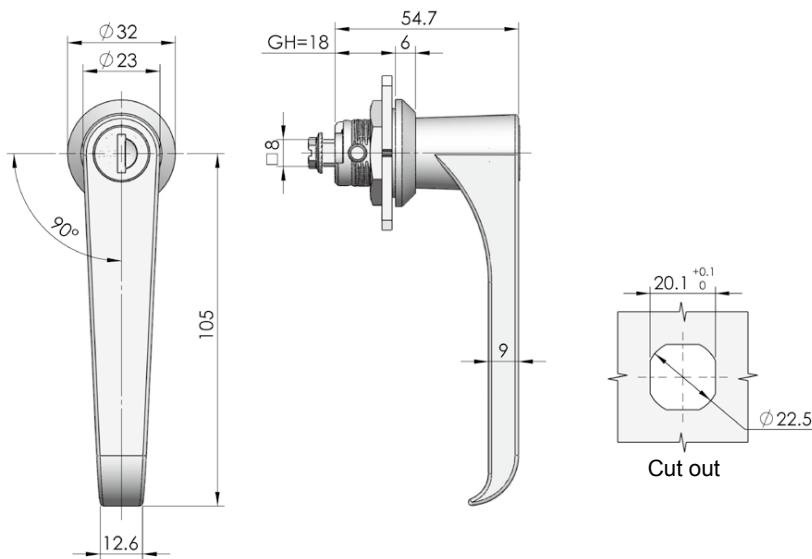
Default cam S1B7013D

Rod Option Deeper Cup

Fixed Cam Action

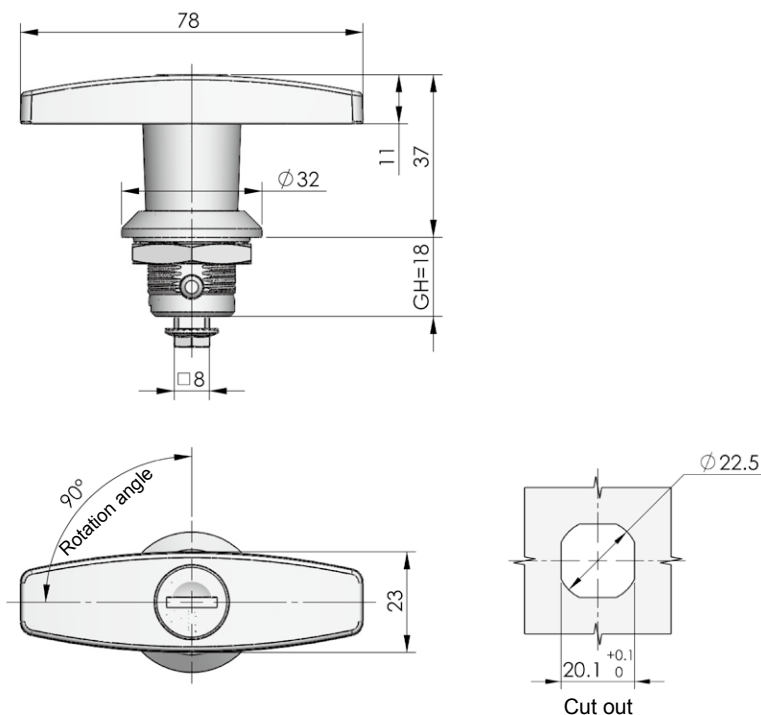
Adjustable Cam

Handle Turn and Lift Turn Latches



MS324-1 Black powder coating ZDC	MS324-1B Stainless steel
-------------------------------------	--------------------------

Remark: Default cam S1B4507 (Square 8*8 cam optional)



MS324-2 With insert	MS324-2A Without insert
---------------------	-------------------------

Remark : Default cam S1B4507 (square 8*8 cam optional)

MS324



RL IP54

Main material and finish : ZDC handle and housing, steel cam

Application : Handle 90 degree rotation opening or closing

Remark : Default key K140

Default cam : S1B45Y07002

Performance parameter:

Maximum static load:230N

Recommended nut tightening torque:20N.m

Maximum input torque:20N.m

MS324-2



RL IP65 3PL

Main material and finish : Black powder coating ZDC housing and handle, white zinc plating steel cam

Application : 90 degree rotation opening or closing

Remark : Default key K140

Default cam : S1B45Y07020

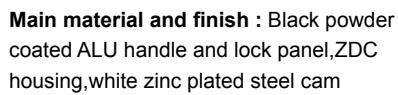
Performance parameter:

Maximum static load:270N

Recommended nut tightening torque:20N.m

Maximum input torque:20N.m

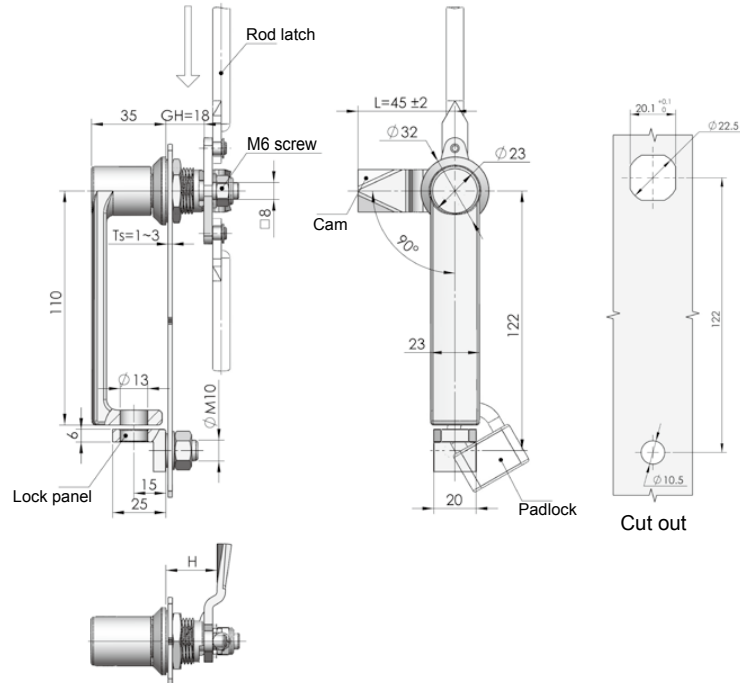
SHENGJIU CABINETS LOCK



Default cam : 2882450603

Performance parameter:

Maximum input torque:20N.m

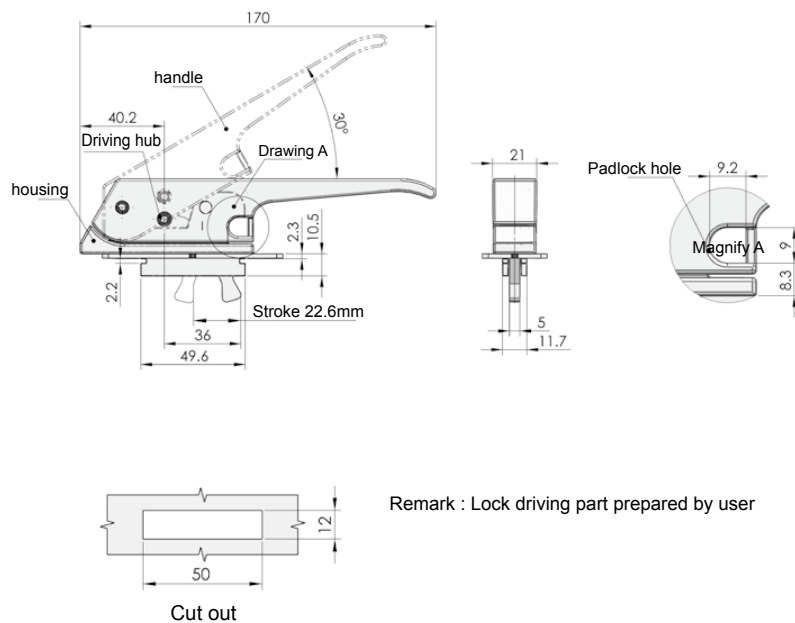


Remark : Default cam DS3B4506 (square 8*8 cam optional)



Application : Handle combines with latch
100N

Handle load tension capability:



Remark : Lock driving part prepared by user

Push To Close Latches

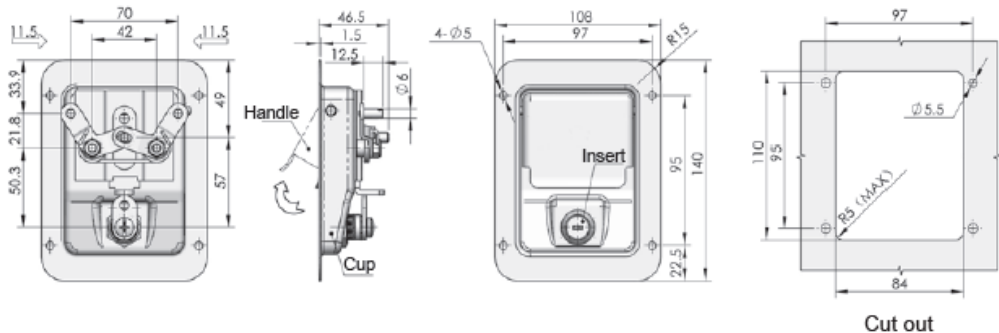
 MS850-1A	 MS850-2	 MS753	 MS825
 MS866-1	 MS866-3	 MS866-4	 MS866-5
 MS866-7	 MS866-8	 MS866-21	 MS866-22
 MS826	 MS866-29	 MS866-28A	 MS866-28

Push To
Close Latches

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Push To Close Latches

MS866-1



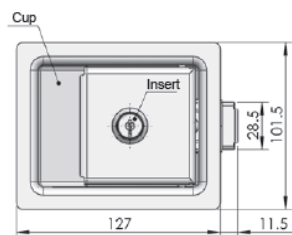
Performance parameter:

Handle load tension capability: $\leq 130N$

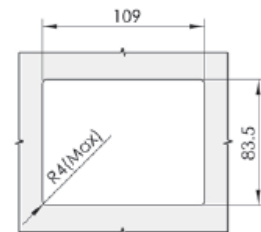
Remark: Default key K082

Main material and finish: Mirror polished stainless steel cup and handle, bright chrome-plated ZDC profile insert, zinc-plated other parts

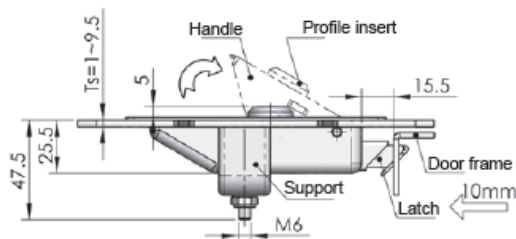
MS866-3-WT



W = 1, with Key Insert
W = A, Without Key Insert
T = 1, Steel
T = S, Satinless Steel



Cut out



Main material and finish: Silk black steel cup, handle and ZDC profile insert, zinc-plated steel latch and support

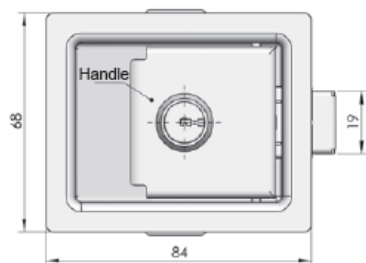
Remark: Default key K160

Performance parameter:

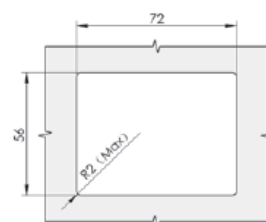
Handle load tension capability: $\leq 160N$

Cam loading capability: $\leq 800N$

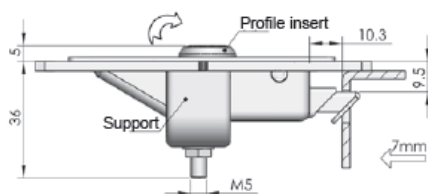
MS866-4-W



W = 1 With Key Insert
W = A Without Key Insert



Cut out



Main material and finish: Silk black steel cup and handle, sand blast and nickle-plated ZDC profile insert, zinc-plated steel latch, support and riveting screw

Remark: Default key K330

Push To Close Latches

MS866 - 5 - W

MS866-5



Main material and finish: Silk black steel cup and handle, nickle-plated ZDC profile insert, zinc-plated steel latch, support and weld screw

Remark: Default key K082

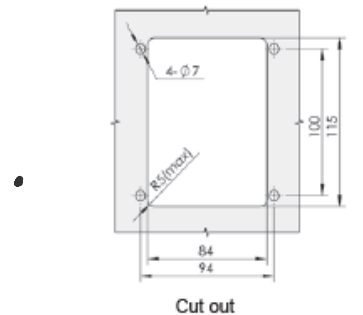
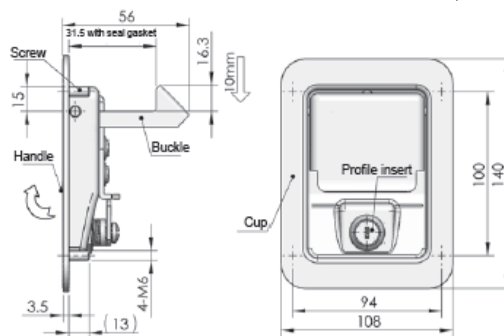
Performance parameter:

Handle load tension capability: ≤145N

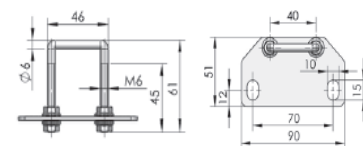
Cam loading capability: ≤800N

W = 1, With Key Insert

W = A, Without Key Insert



Cut out



Pull buckle

MS866 - 8

MS866-8

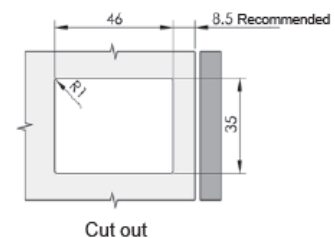
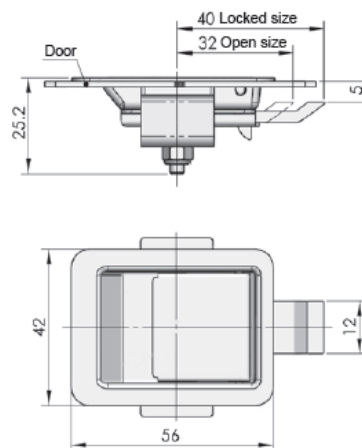


Main material and finish: Wire-drawing polished stainless steel

Performance parameter:

Handle load tension capability: ≤50N

Cam loading capability: ≤200N

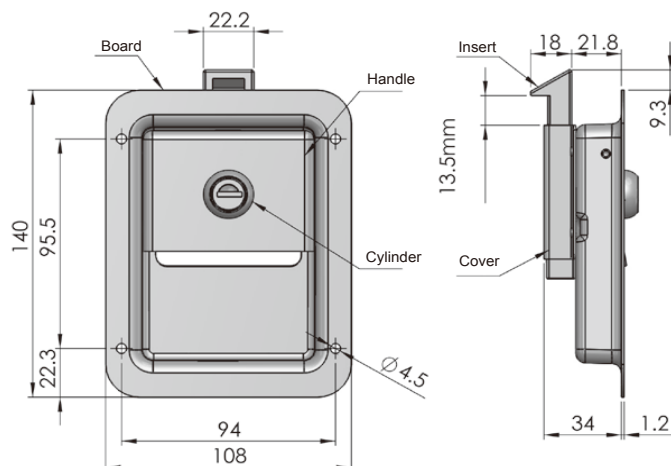


Cut out

MS866 - 26W

W = 1, With Key Insert

W = A, Without Key Insert



MS866-26



Main material: Stainless steel lock body and handle zamak cam, steel cover

Finish: Mirror polished lock body and handle White zinc plated cover and cam

Remark: Optional insert, Key K13

Performance parameter:

Handle load tension capability: ≤180N

Cam loading capability: ≤1000N

Push To Close Latches

MS825



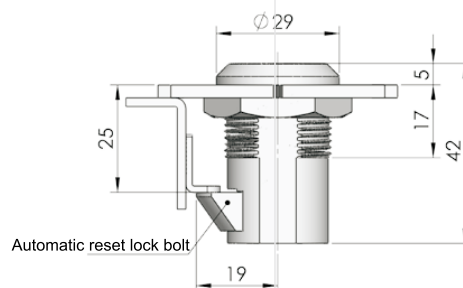
Main material and finish: Bright chrome-plated ZDC housing, insert and lock bolt, white zinc-plated ZDC lock bolt

Application: Automatic reset locked

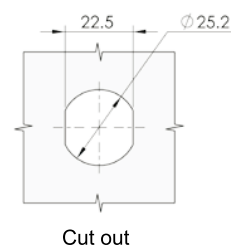
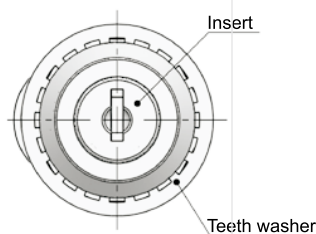
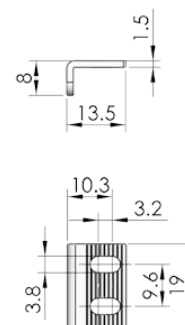
Remark: Default key K160

Performance parameter:

Maximum static load: 320N



Catcher (Optional)



MS826



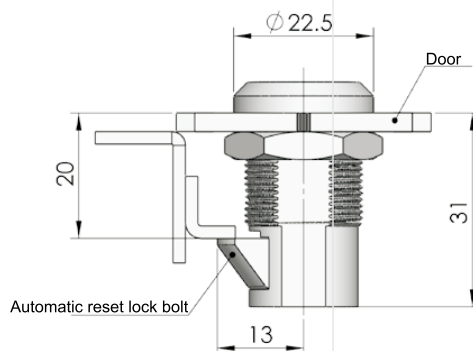
Main material and finish: Bright chrome-plated ZDC housing, insert and lock-tongue, white zinc-plated ZDC lock tongue

Application: Automatic reset locked

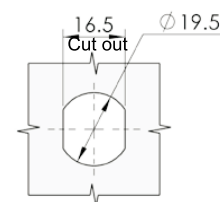
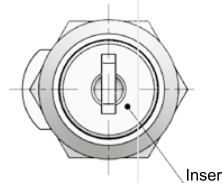
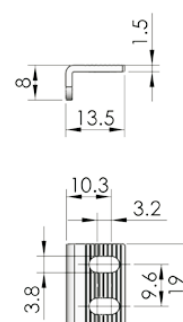
Remark: Default key K160

Performance parameter:

Maximum static load: 340N



Catcher (Optional)



Handles

				
LS 501	LS 502	LS 503	LS 504-1	LS 504-2
				
LS 504-3	LS 505	LS 506	LS 507	LS 508
				
LS 509	LS 510	LS 511	LS 513	LS 515
				
LS 514-1	LS 514-2	LS 514-3-4-5	LS 516	LS 516-2A
				
LS 518	LS 519	LS 520	LS 521	LS 522

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Handles

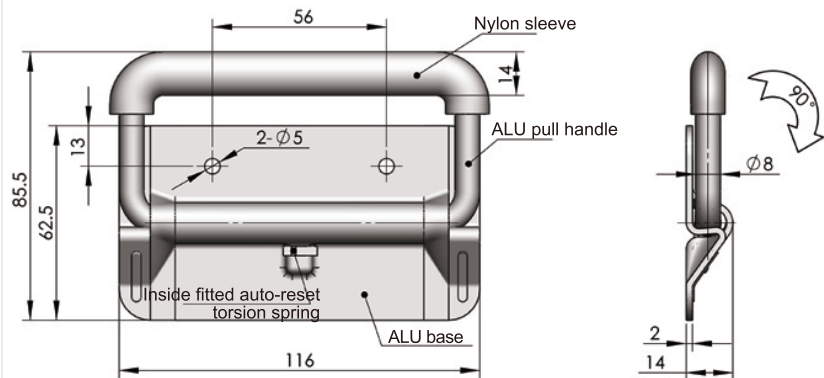
LS504-2



Main material and finish: Oxidation aluminum alloy base and pull handle, rubber sleeve

Performance parameter:

Maximum static load: 840N



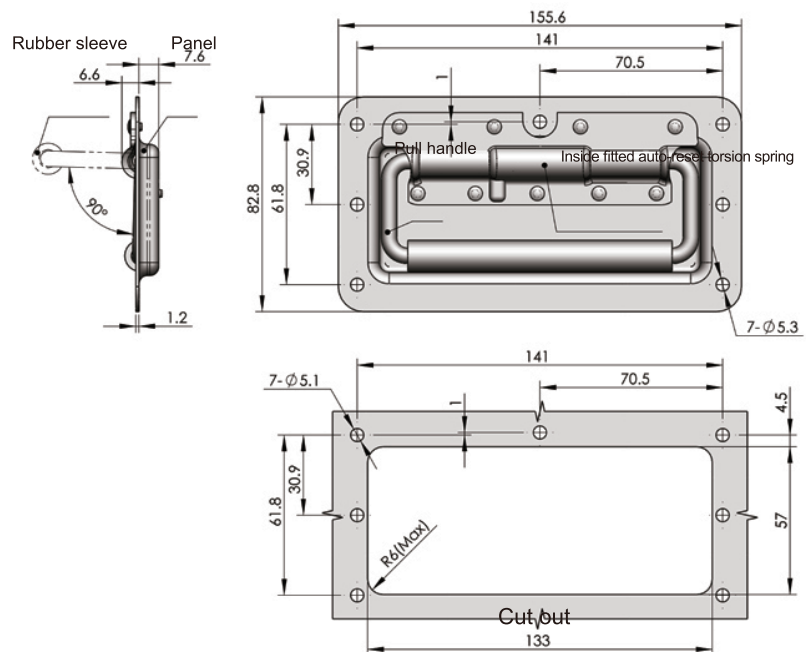
LS504-3



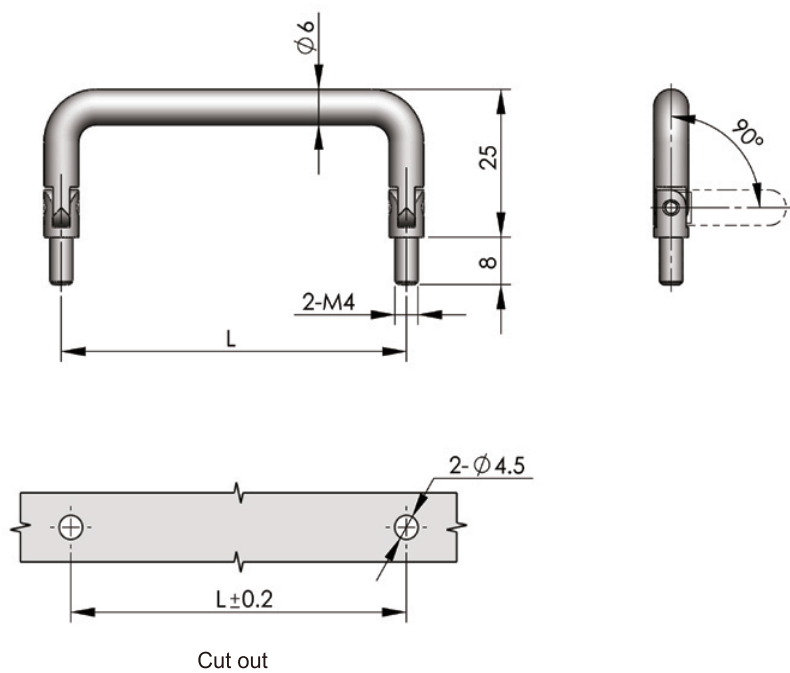
Main material and finish: Silk black powder coated steel base and pull handle, rubber sleeve

Performance parameter:

Maximum static load: 1610N



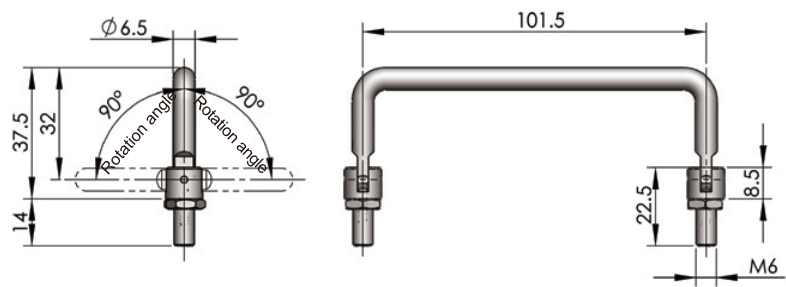
Handles



Main material: Stainless steel or steel

Performance parameter:
Maximum static load: 1200N(L=90)

Specification	Bright chrome-plated steel	Stainless steel
	Model	Model
L=55	LS508-55	LS508-S55
L=60	LS508-60	LS508-S60
L=70	LS508-70	LS508-S70
L=74	LS508-74	LS508-S74
L=84	LS508-84	LS508-S84
L=90	LS508-90	LS508-S90
L=102	LS508-102	LS508-S102
L=122	LS508-122	LS508-S122
L=138	LS508-138	LS508-S138



Main material and finish: Black powder coated steel

Performance parameter:
Maximum static load: 800N

Handles

LS522

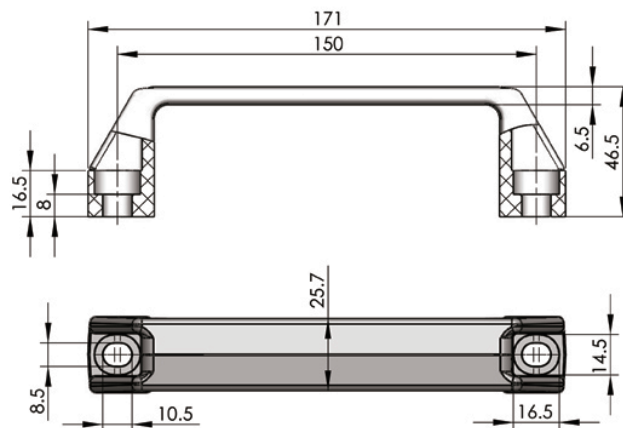


Main material and finish: Black PA

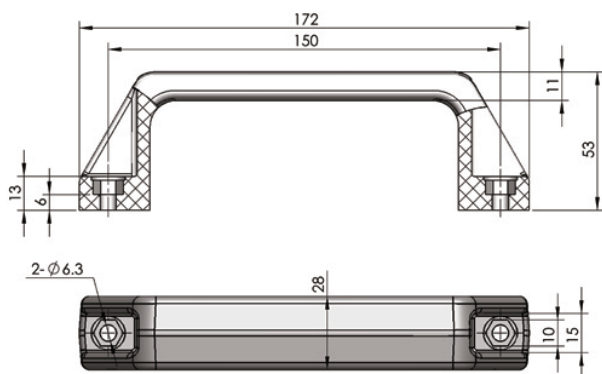
Performance parameter:

Maximum static load: 800N

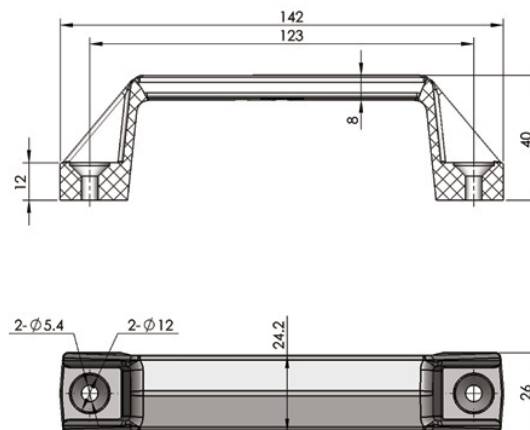
LS522-1



LS522-2



LS522-3



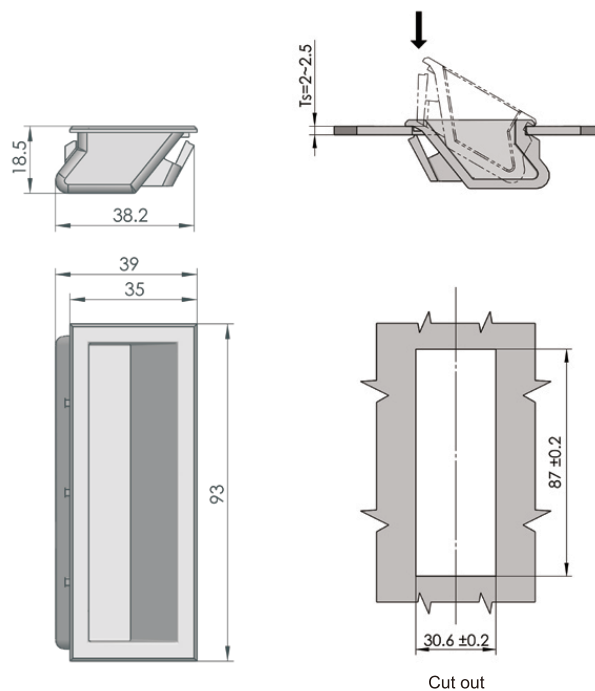
LS537-3



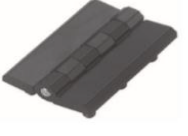
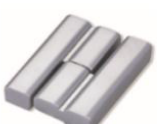
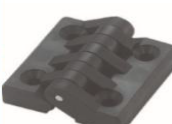
Main material and finish: Black ABS

Performance parameter:

Maximum static load: 400N



Hinges

					
CL 201-1	CL 201-2	CL 201-4	CL 202-1	CL 253-2	CL 226-5A
					
CL 103	CL 104	CL 106	CL 108	CL 123	CL 233
					
CL 109	CL 142	CL 116	CL 272	CL 138	CL 226
					
CL 203-1	CL 203-2	CL 203-3	CL 203-4	CL 204-1	CL 295
					
CL 204-3	CL 204-3F	CL 204-3S	CL 206-2	CL 240-1	CL 226-4A
					
CL 253-4A	CL 299-1-Z	CL 253-6	CL 222	CL 208	CL 238
					
CL 288	CL 209	CL 210	CL 211	CL 212	CL 231-1
					
CL 213-1	CL 213-2	CL 213-3	CL 214	CL 215	CL 282-1

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Hinges

CL201-1



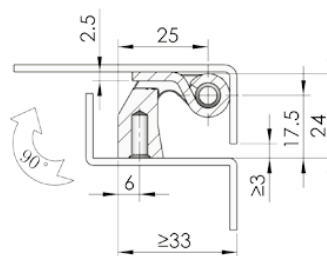
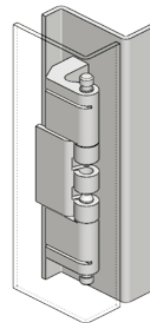
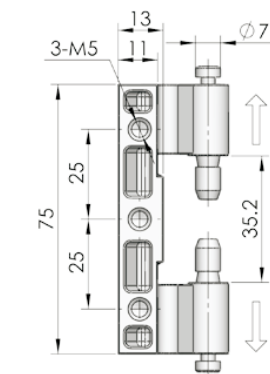
Main material and finish: ZDC hinge, steel pin, accessory

Performance parameter:

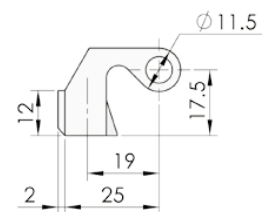
Maximum static load

Radial load: 800N

Axial load: 1500N

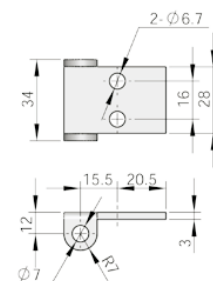


CL201-1



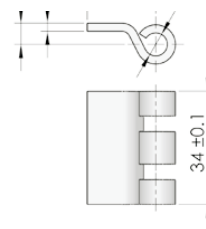
CL201-1A

Remark: ≥size is 3.7, door's open angle is 90 degree.



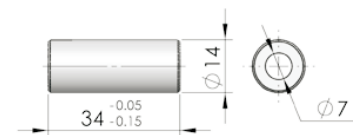
"U" shape accessory

ERP: 3452011001 (white zinc plating)



Claw shape accessory

ERP: 3452011002 (white zinc plating)



Pipe shape accessory

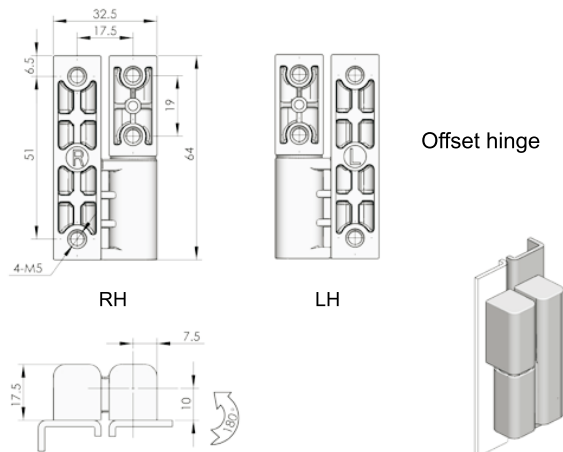
ERP: 3452011013 (white zinc plating)

Specification	CL201-1	CL201-1A	CL201-1B
Black powder coated	CL201Z2A002	CL201Z2A032	
Nanometer painted	CL201Z2B002	CL201Z2B017	
Blast sprayed	CL201Z4D002	CL201Z4D004	
SUS			CL201S4B001

Remark: Accessory is not included in above ERP number, but optional

Hinges

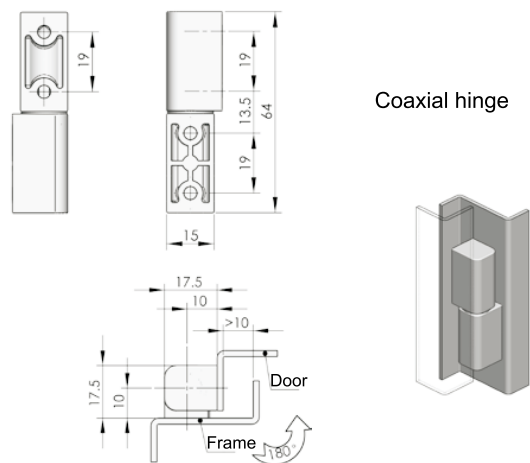
CL203-1



CL203-1



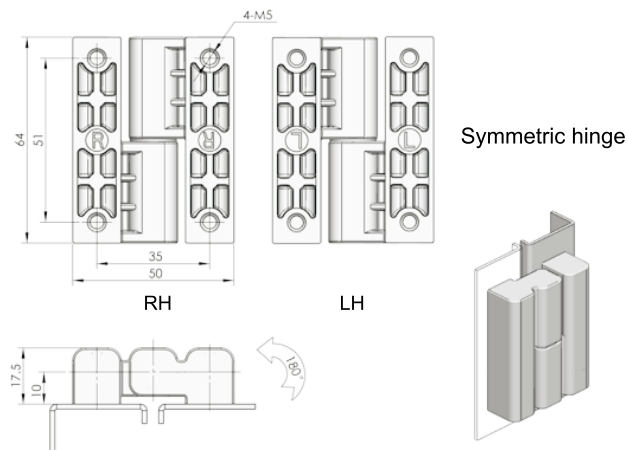
CL203-2



CL203-2



CL203-3



CL203-3



Main material and finish: ZDC hinge PA bushing

Application: Opening degree 180°

Performance parameter:
Maximum static load

Model: CL203-1

Radial load: 490N Axial load: 570N

Model: CL203-2

Radial load: 650N Axial load: 1550N

Model: CL203-3

Radial load: 3300N Axial load: 880N

Specification	Model
Coaxial hinge	CL203-2
Offset left hinge	CL203-1-Z
Offset right hinge	CL203-1-Y
Symmetrical left hinge	CL203-3-Z
Symmetrical right hinge	CL203-3-Y

Hinges

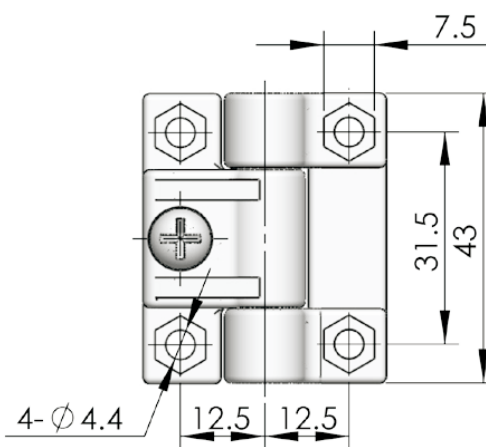
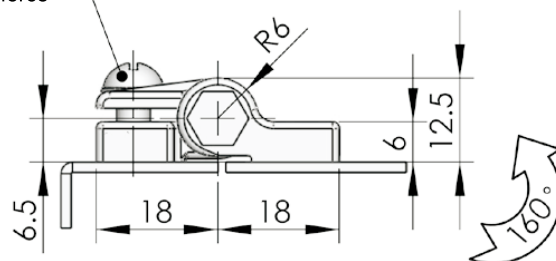
CL272



Main material and finish: Black PA hinge, steel screw, PC shaft

Application: Opening angle 160°

Adjustable screw
Adjust damping force



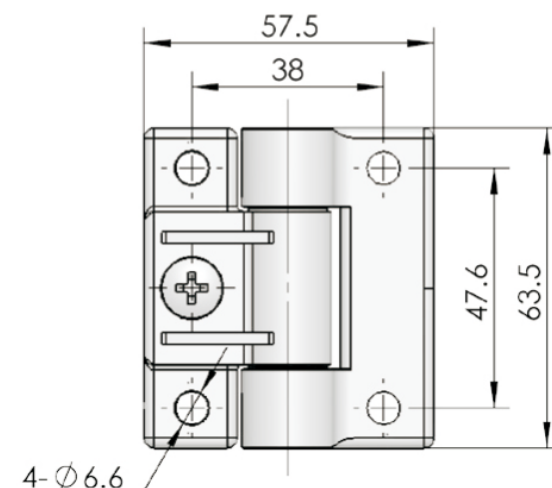
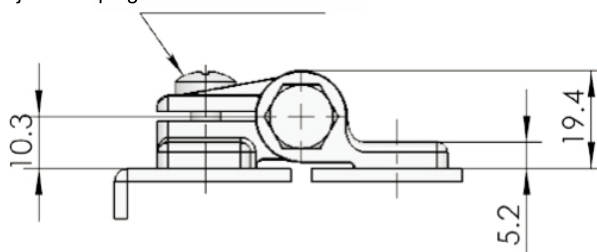
CL272-2



Main material and finish: POM black male and female hinge transparent PC shaft, and Stainless steel adjustable screw and nut.

Application: Maximum rotating angle 165°

Adjustable screw
Adjust damping force



Swing Handles & Multipoint Systems

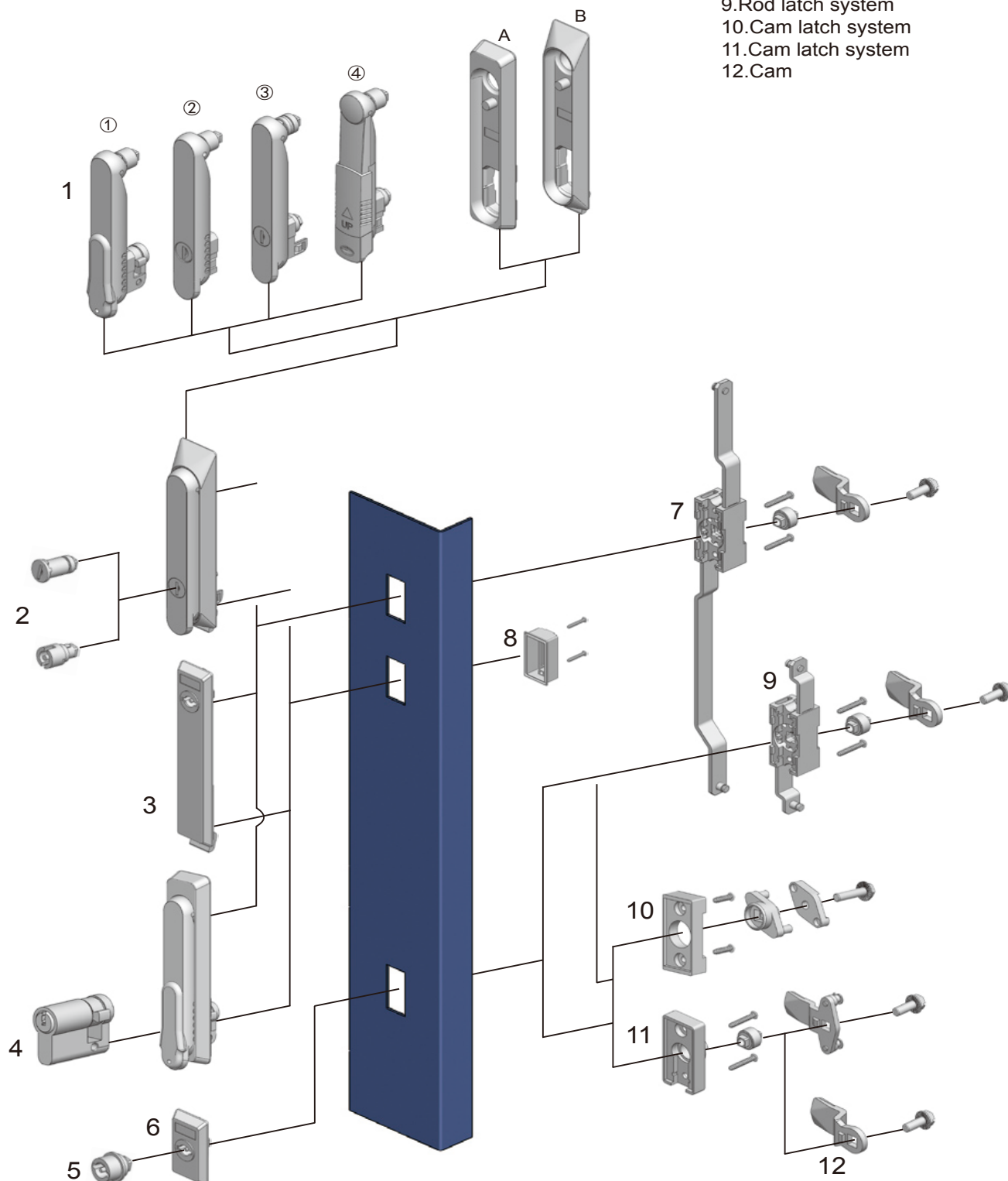
						
MS731-1	MS820	MS820-1A	MS821	MS731-6	MS828	MS829
						
MS830	MS831-1	MS832-1	MS834-1	MS835-1	MS836-1	MS840-1
						
MS846-1	MS848-1	MS840-A	MS840-B	MS840-C	MS848-B	MS848-4A
						
MS875-1	MS875-1A	MS865	MS876	MS851	MS852	MS853
						
MS867	MS855	MS855-3	MS882	MS810-2	MS889	

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Swing Handles & Multipoint Systems

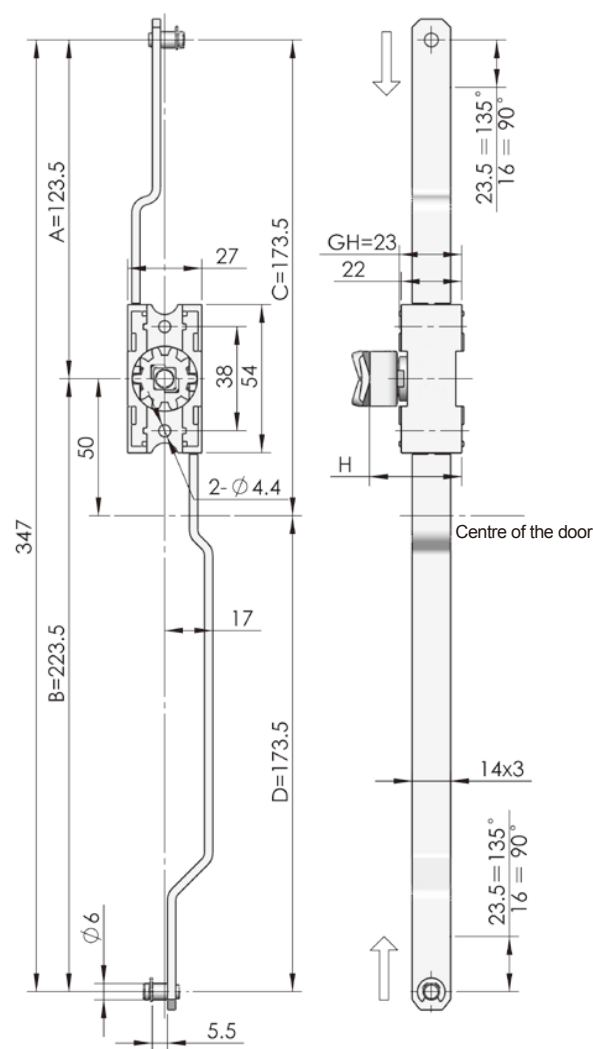
Combination	Item No	
	Rod latch system	Cam latch system
①A	MS840-1A	MS840-2A
①B	MS840-1D	MS840-2D
②A	MS840-1B	MS840-2B
②B	MS840-1E	MS840-2E
③A	MS840-1F	MS840-2F
③B	MS840-1C	MS840-2C
④A	MS848-1B	MS848-2B
④B	MS848-1C	MS848-2C

- 1.Lock-body
- 2.Insert
- 3.Lock-boby
- 4.Profile insert
- 5.Insert
- 6.Board
- 7.Rod latch system
- 8.PA dish
- 9.Rod latch system
- 10.Cam latch system
- 11.Cam latch system
- 12.Cam



Swing Handles & Multipoint Systems

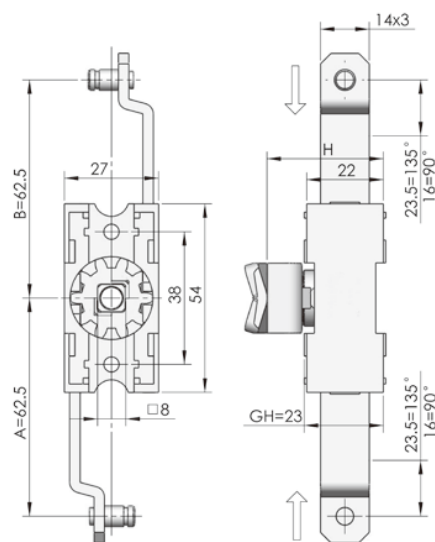
Mb4 Series



Remark: Default rod latch system, closing position, 135 degree rotation angle, default optional cam S1B3500, cam cutout square 8mm. The rod latch system is used for the seal door-outside

Rod latch system	Dm	Ra	A	B	C	D	Specification
Mb43	23.5	135°	123.5	223.5	173.5	173.5	With cam
Mb44	23.5	135°	123.5	223.5	173.5	173.5	Without cam

Mb5 Series



Remark: Default rod latch system, closing position, 135 degree rotation angle, default optional cam S1B3500, cam cutout square 8mm. The rod latch system is used for the seal door-outside

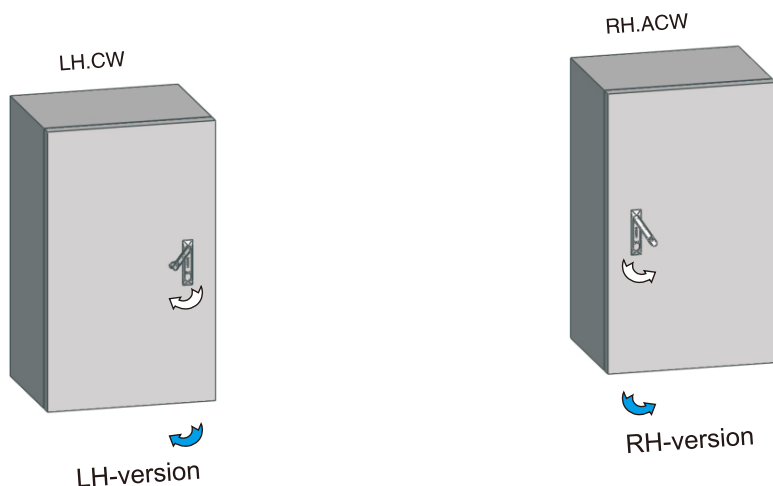
Rod latch system	Dm	Ra	A	B	Specification
Mb51	23.5	135°	62.5	62.5	With cam
Mb52	23.5	135°	62.5	62.5	Without cam

Accessories And Selection

► Explanation of pictograms

	Outside the gasketing		Inside the gasketing		Hinge exposed		Hinge concealed		Hinge half-concealed
	IP-rating IP40		IP-rating IP50		IP-rating IP54		IP-rating IP64		IP-rating IP65
	Tighten		Door RH and LH-version		Door RH-version		Door LH-version		ROHS Application
	Two-point latching		Three-point latching		Alternative point latching		Multipoint latching		Stainless steel

► Explanation of LH and RH version



► Abbreviation

Lock: MS
 Toggle: DK
 Handle: LS
 Door stop: TX
 Hinge: CL
 Rod: LG
 Rod accessories: RG
 Handle pull: HP
 Waterproof cap: WP
 Dustproof cap: DP
 Profile Insert: TC
 Cam: S

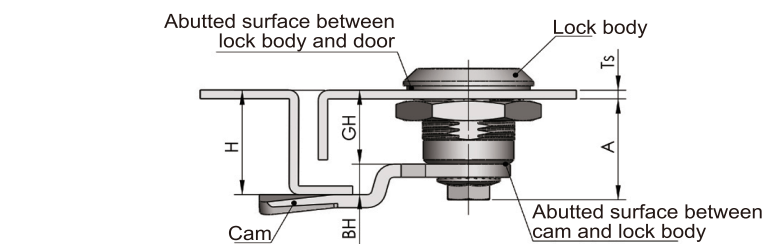
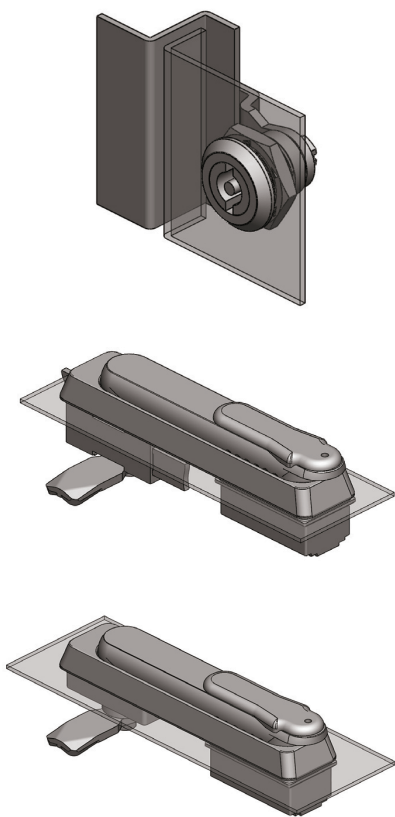
Nut: NT
 Vibration proof screw: SW
 key: K
 Gasket: G
 Pin: P
 Latch: MB
 Thickness: Ts
 Adjustable distance: Ha
 Stop height: H
 Groundwork height: GH
 Bend height: BH
 Left-hand: LH

Right-hand: RH
 Anticlockwise rotation: ACW
 Clockwise rotation: CW
 Stroke: Dm
 Rotation angle: Ra
 Powder coated finish: CS
 Plated finish: CP
 Max-Torque: Tmax
 Max-load: Fmax
 Cold rolled steel: CRS
 Spring steel: Fst
 Stainless steel: SUS

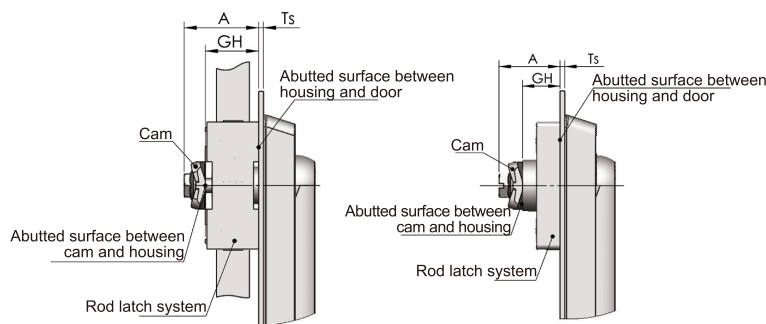
Brass: Br
 Zinc die-casting: ZDC
 Aluminum: ALU
 Polyamide: PA
 Polypropylene: PP
 Acrylonitrile Butadiene
 Styrene: ABS
 Polycarbonate: PC
 Rubber: RB

Accessories And Selection

» H and GH specification



GH: the distance A from the abutted surface between lock body and door to the abutted surface between cam and lock body changes when Ts changes.



GH: the distance A from abutted surface between housing and door to the abutted surface between cam and housing is invariable when Ts changes. GH is measured from inboard door. The product is separable structure in common case. $H=GH+BH$

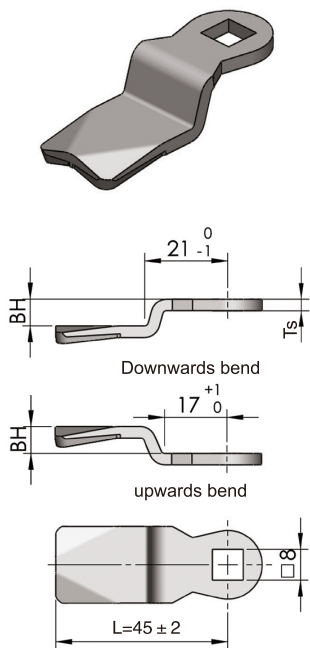
» IP-rating

The IP protection category is characterised by two numerals for protection against contact, foreign objects and water. As defined in IEC60529, the description is following:

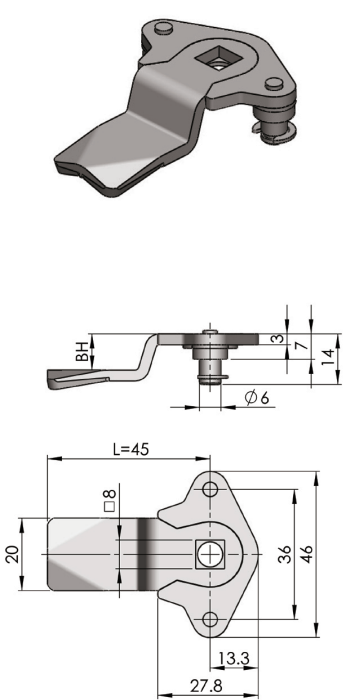
1st numeral	Description	2nd numeral	Description
0	Non-protected	0	Non-protected
1	Protected against solid foreign objects with a diameter of 50mm and greater (such as hand)	1	Protected vertically falling water drops (such as condensation water)
2	Protected against solid foreign objects with a diameter of 12.5mm and greater (such as fingers)	2	Protected vertically falling water drops when the enclosure is tilted up to 15°
3	Protected against solid foreign objects with a diameter of 2.5mm and greater (such as tools or thick wires)	3	Protected against splashing water
4	Protected against solid foreign objects with a diameter of 1mm and greater (such as most wires or screws)	4	Protected against splashing water
5	Dust-protected	5	Protected against water jets
6	Dust-tight	6	Protected against powerful water jets
		7	Protected against the effects of temporary immersion in water
		8	Protected against the effects of continous immersion in water

Accessories And Selection

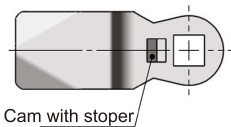
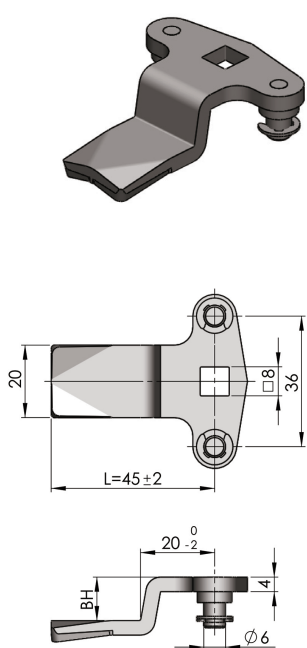
S1B Series



AS3B Series



S3B Series



Remarks: Default thickness 3mm, please specify on request of other material, center distance and thickness. Code prefixed with D stands for cam with stopper.

Remarks: Default thickness 3mm, please specify on request of other material, center distance and thickness. Code prefixed with D stands for cam with stopper.

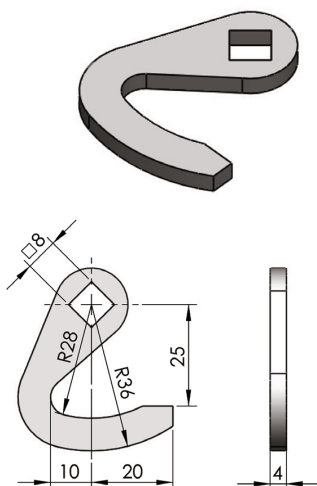
Cam code	BH 瓣糙
S1B45N02	-2
S1B4500	0
S1B4502	2
S1B4504	4
S1B4506	6
S1B4507	7
S1B4508	8
S1B4510	10
S1B4512	12
S1B4514	14
S1B4516	16
S1B4518	18
S1B4520	20

Cam code	BH
AS3B45N02	-2
AS3B4500	0
AS3B4502	2
AS3B4504	4
AS3B4506	6
AS3B4507	7
AS3B4508	8
AS3B4510	10
AS3B4512	12
AS3B4514	14
AS3B4516	16
AS3B4518	18
AS3B4520	20

Cam code	BH
S3B4500	0
S3B4504	4
S3B4508	8
S3B4510	10
S3B4512	12
S3B4514	14
S3B4516	16
S3B4520	20
S3B4522	22

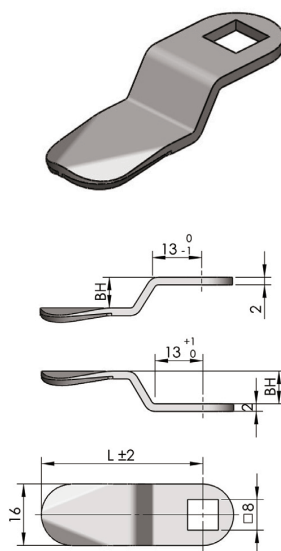
Accessories And Selection

S1B2836H



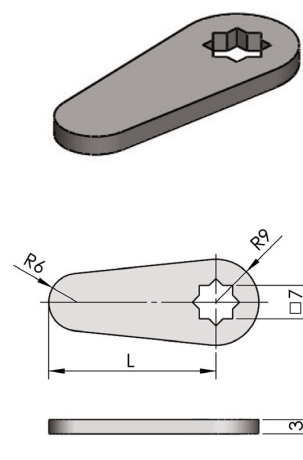
Cam code	Rotation Radius
S1B2836H	28

S1BK Series



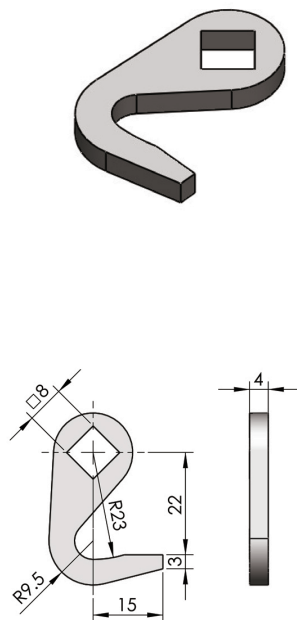
Cam code	澹	i	扭m
S1B33N4K	-4	33	S1B33N04001

S1A Series



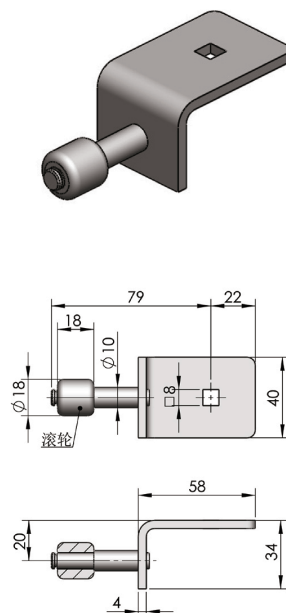
Cam code	澹	i	扭m
S1A3500	0	35	S1A35Y00005
S1A3900	0	39	S1A39Y00001
S1A7200	0	72	S1A72Y00001

S1B2328H



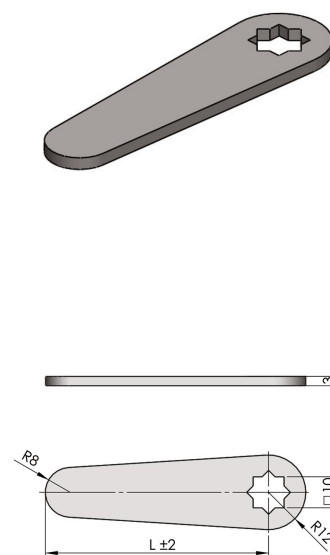
Cam code	Rotation Radius
S1B2328H	23

S1B1179D



Cam code	澹	Material
S1B1179D	11	SUS

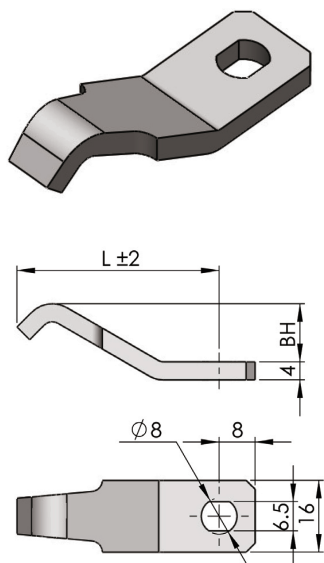
S1C Series



Cam code	澹	i
S1C4000	0	40
S1C6300	0	63
S1C7200	0	72

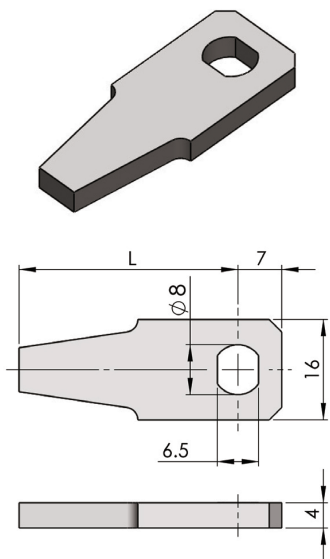
Accessories And Selection

S1K4513



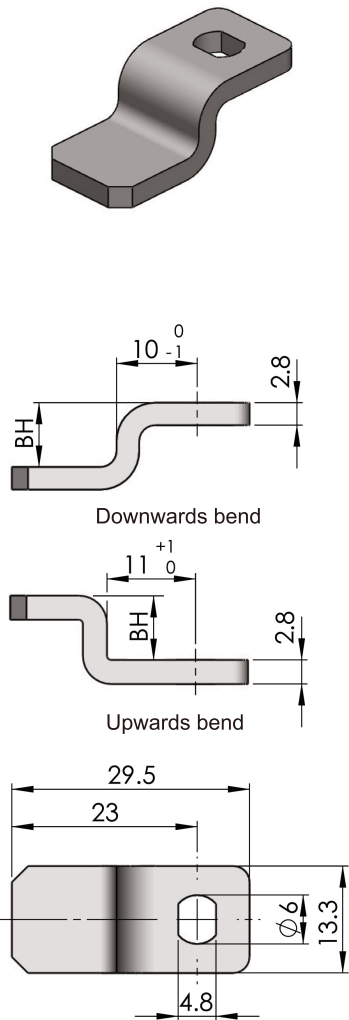
Cam code	澹	i	扭m
S1K4513	-13	45	S1K45N13003

S1K3500

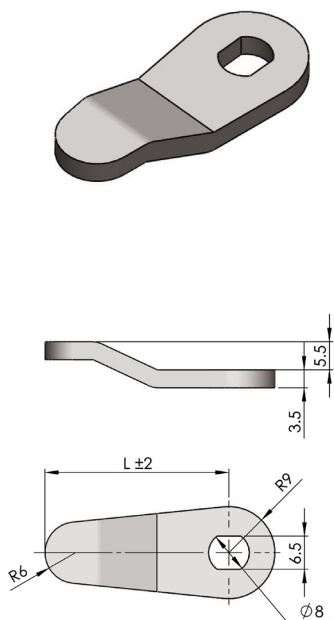


Cam code	澹	i	扭m
S1L3500	0	35	S1K35Y00002

S1G Series

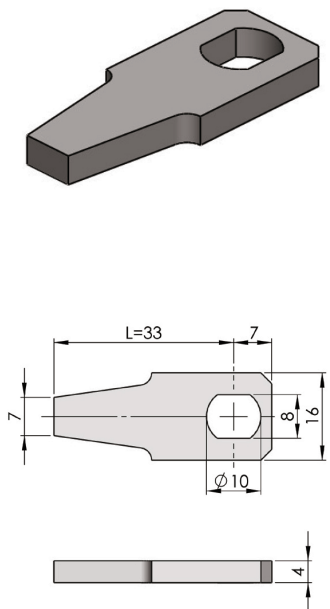


S1K3606



Cam code	澹	i	扭m
S1K36N06	-6	36	S1K36N06001

S1M3300

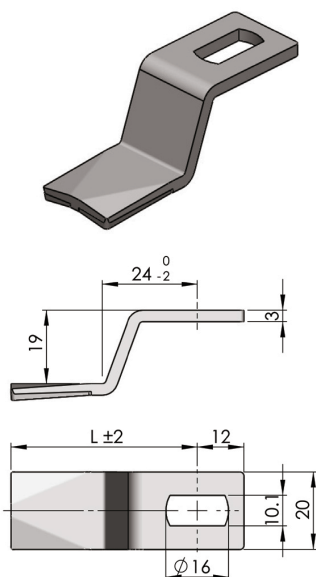


Cam code	澹	i	扭m
S1M3300	0	33	S1M33Y00002

Cam code	澹	i	扭m
S1G2300	0	23	S1G23Y00002
S1G2304	4	23	S1G23Y04002
S1G2308	8	23	S1G23Y08002
S1G2312	12	23	S1G23Y12002
S1G2316	16	23	S1G23Y16002
S1G2320	20	23	S1G23Y20002
S1G2304	-4	23	S1G23N04001
S1G2308	-8	23	S1G23N08005
S1G2312	-12	23	S1G23N12001
S1G2316	-16	23	S1G23N16001
S1G2320	-23	23	S1G23N20005

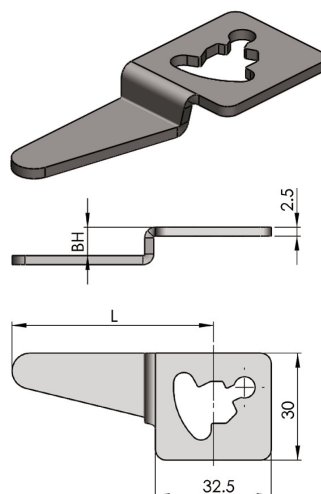
Accessories And Selection

S1H Series



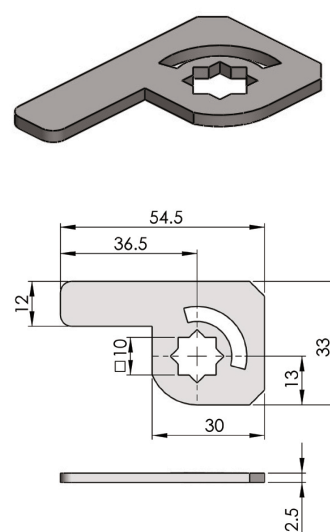
Cam code	滑	i	扭m
S1H4819	19	48	S1H48Y19001

S1D Series(Left)



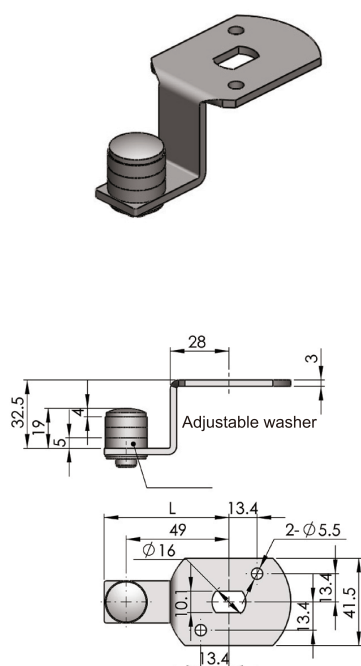
Cam code	滑	i	扭m
S1D5600Z	0	56	S1D56Y00006
S1D5608Z	8	56	S1D56Y08002
S1D5612Z	12	56	S1D56Y12002
S1D5618Z	18	56	S1D56Y18002
S1D5628Z	28	56	S1D56Y28001

S1C3700D



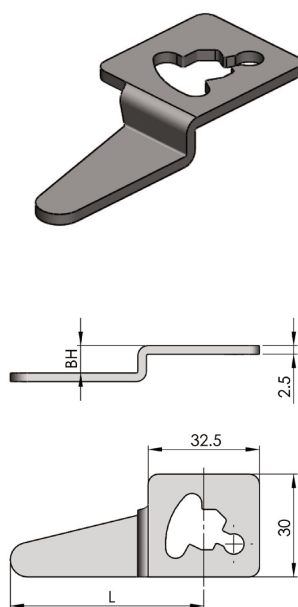
Cam code	滑	i	扭m
S1C3700D	0	36.5	S1C37Y00002

S3H6028



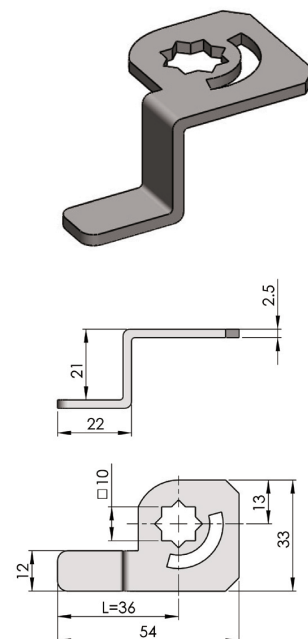
Cam code	滑	i	扭m
S3H6028	13.5/18.5/23.5/28.5	60	S3H60Y28001

S1D Series(Right)



Cam code	滑	i
S1D5600Y	0	56
S1D5608Y	8	56
S1D5612Y	12	56
S1D5618Y	18	56
S1D5628Y	28	56

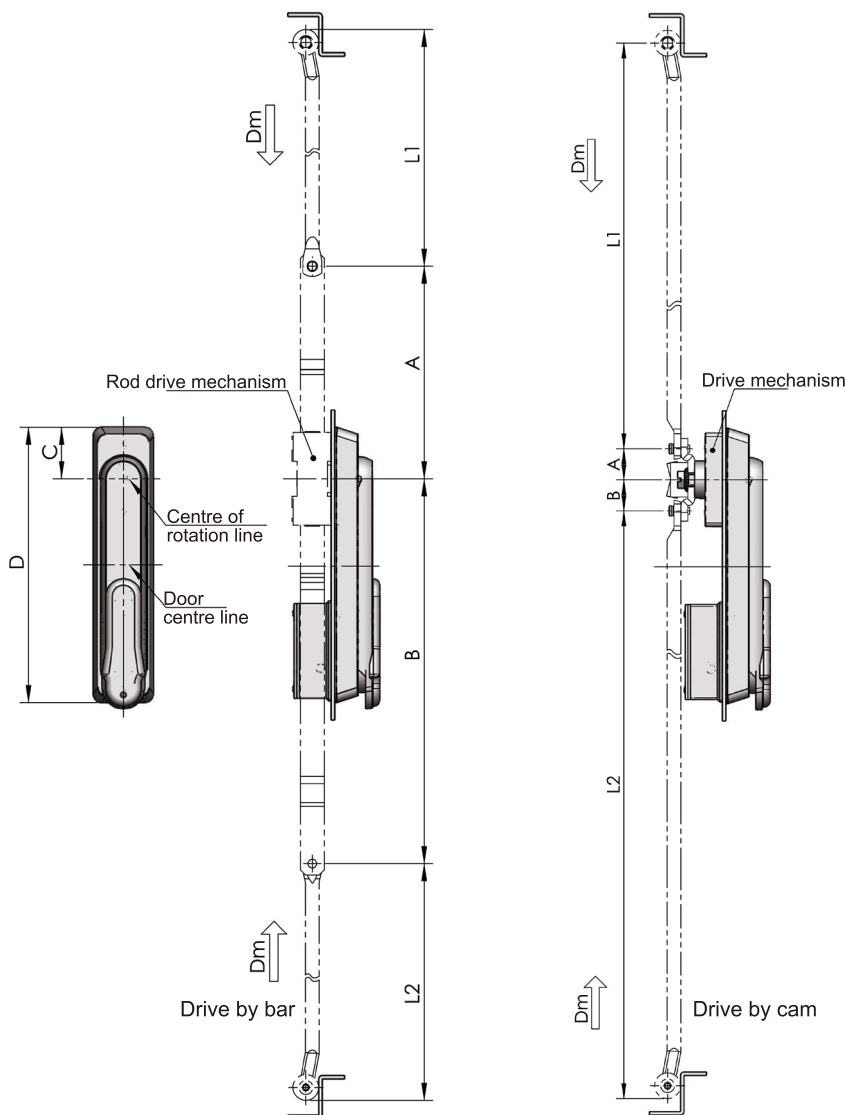
S1C3621D



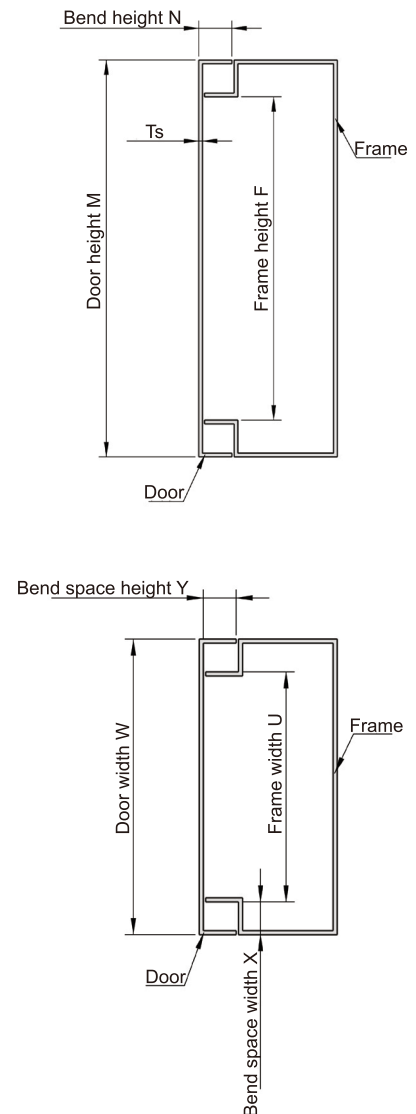
Cam code	滑	i
S1C3621D	21	36

Accessories And Selection

Example of rod-latch application



Cabinet structural sketch



Calculate the length of the rod

Calculation method of coincident length of door center and center line of rotation part

$$L1 = F/2 - A + (Dm - 2)$$

$$L2 = F/2 - B + (Dm - 2)$$

Calculation method of coincident length of door center and center line of lock

$$L1 = F/2 - [A + (D/2 - C)] + (Dm - 2)$$

$$L2 = F/2 - [B - (D/2 - C)] + (Dm - 2)$$

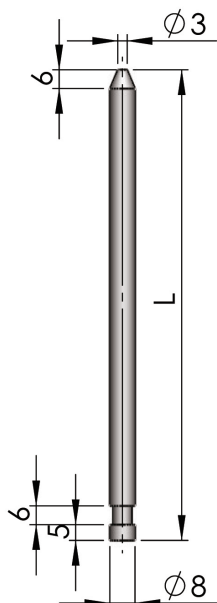
Remark: the effective length of connecting piece should be deducted if a connecting piece is needed for fitting. This calculation method is applicable for those rods with seals fitted inside. Be aware of the actual installation conditions when using the above methods.

Dm: the code of driving distance

F: door frame height

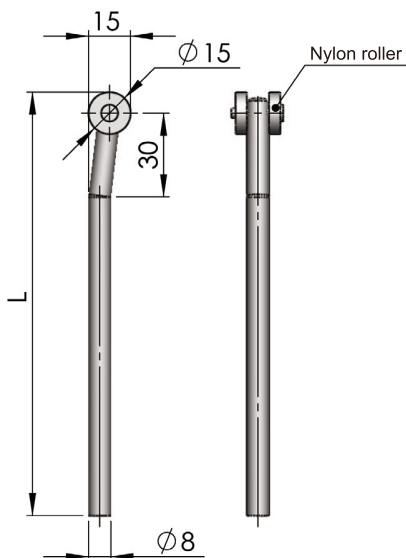
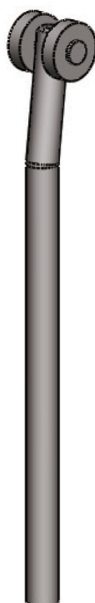
Accessories And Selection

LG001-1



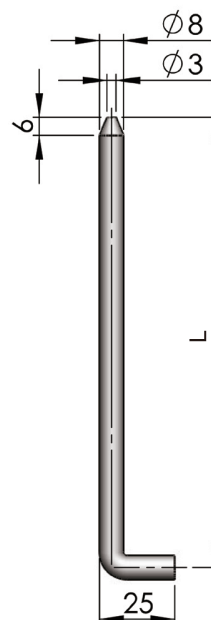
Zinc-plated steel, cone-round rod
Please specify the rod length "L" purchase

LG001-2



Zinc-plated steel, match with PA roller round rod
Please specify the rod length "L" purchase

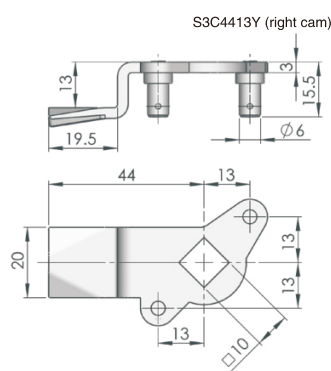
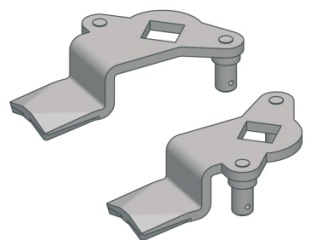
LG001-3



Zinc-plated steel, bend, round rod
Please specify the rod length "L" purchase

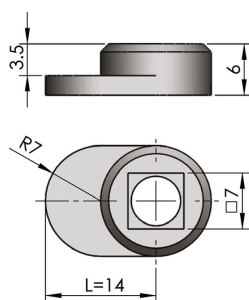
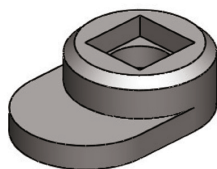
Accessories And Selection

S3C4413 Series



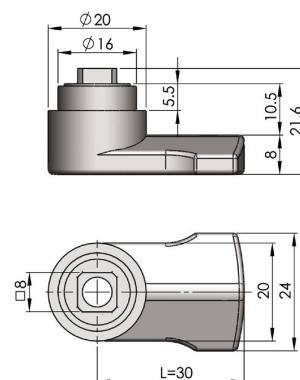
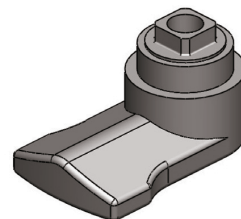
Cam code	BH	L
S3C4413Y	13	44
S3C4413Z	13	44

S1A1403X



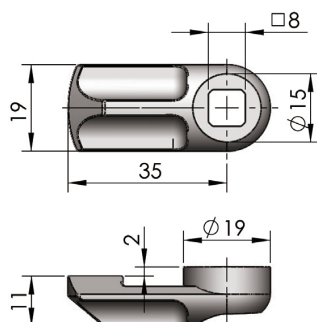
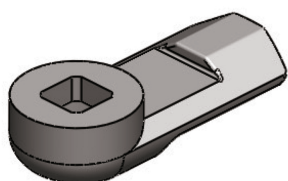
Cam code
S1A1403X

S1B3011D



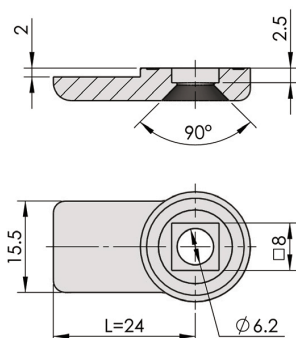
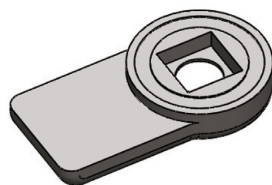
Cam code	L
S1B3011D	30

S1B3502A



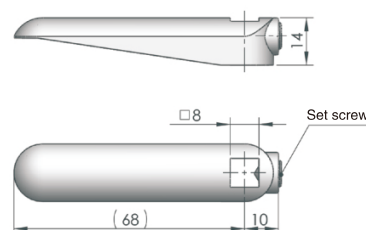
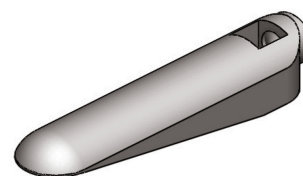
Cam code	滑	i	扭m
S1B3502A	0	35	S1B35Y02001

S1B2402X



Cam code	滑	i	扭m
S1B2402X	2	24	S1B24Y02001

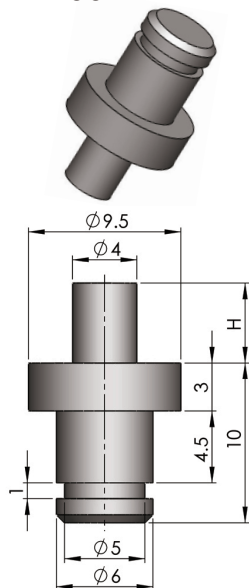
S1B6800X



Cam code	L
S1B6800X	68

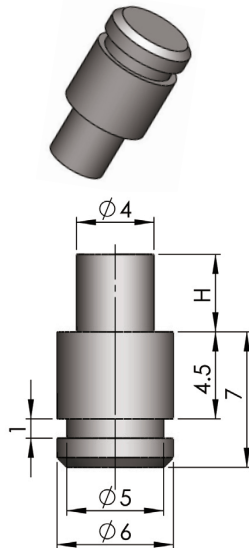
Accessories And Selection

PN0011
PN0012



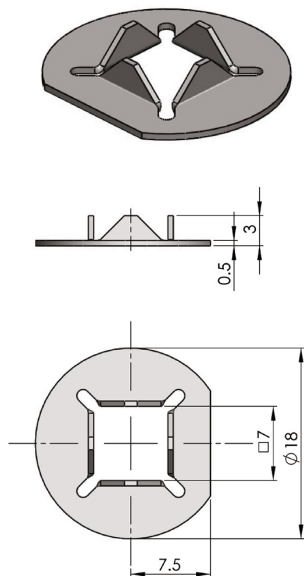
Part code	H	Remarks
PN0011	H=4	Suitable cam thickness 3mm
PN0012	H=5	Suitable cam thickness 4mm

PN0015
PN0016



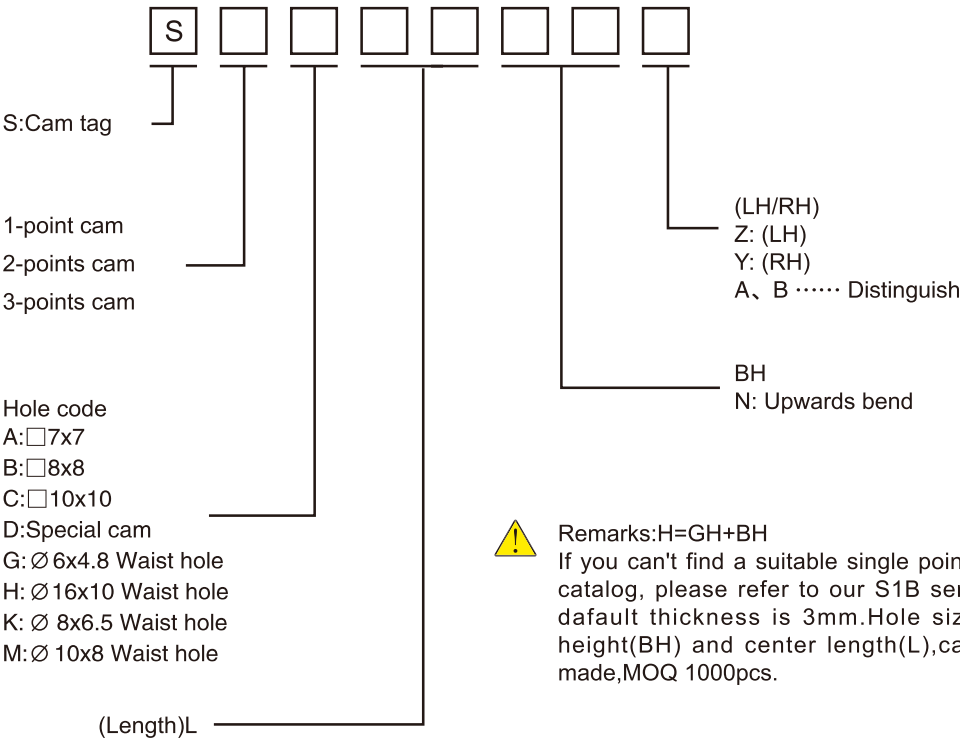
Part code	H	Remarks
PN0015	H=4	Suitable cam thickness 3mm
PN0016	H=5	Suitable cam thickness 4mm

A1001



Change cam cut out 8mm to 7mm

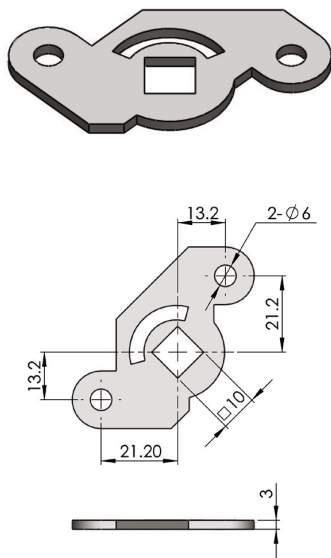
Cam code specification



! Remarks:H=GH+BH
If you can't find a suitable single point cam in our catalog, please refer to our S1B series cam,the dafault thickness is 3mm.Hole size () ,bend height(BH) and center length(L),can be tailer-made,MOQ 1000pcs.

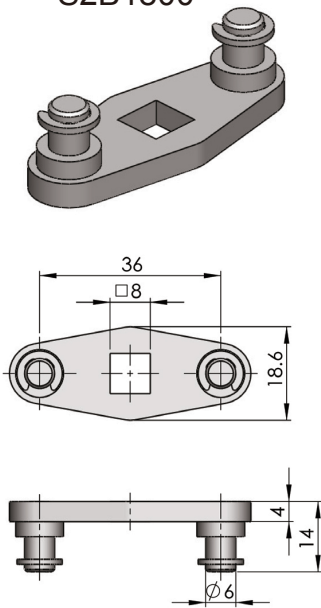
Accessories And Selection

S2C2100



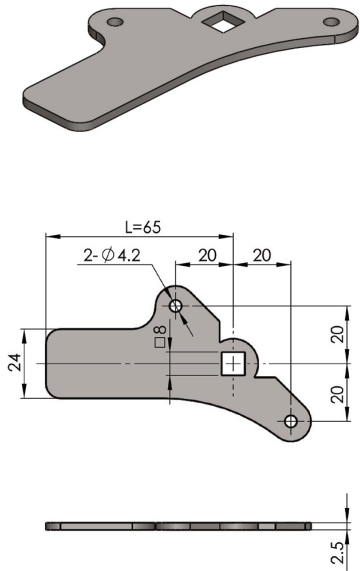
Cam code
S2C2100

S2B1800



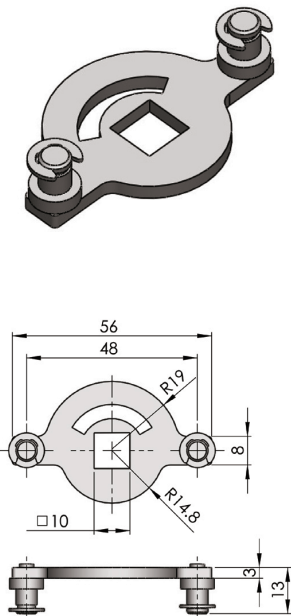
Cam code
S2B1800

S3B6500



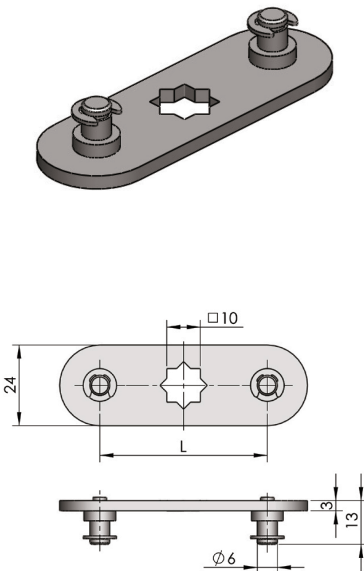
Cam code
S3B6500

S2C2400



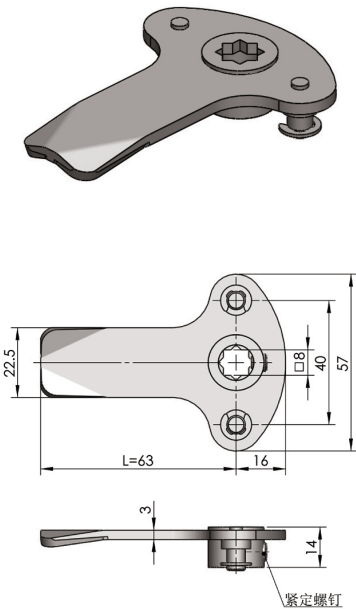
Cam code
S2C2400

S2C Series



Cam code	L
S2C2000	0
S2C2500	25

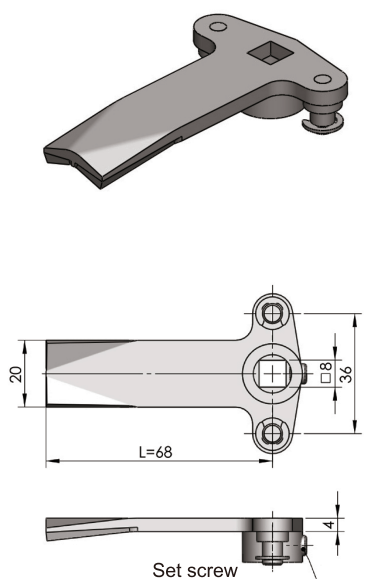
S3B6300A



Cam code	BH	L
S3B6300A	0	63

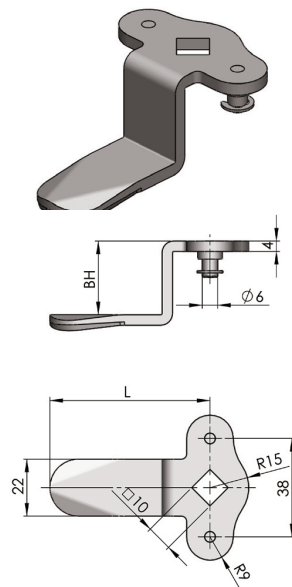
Accessories And Selection

S3B6800A



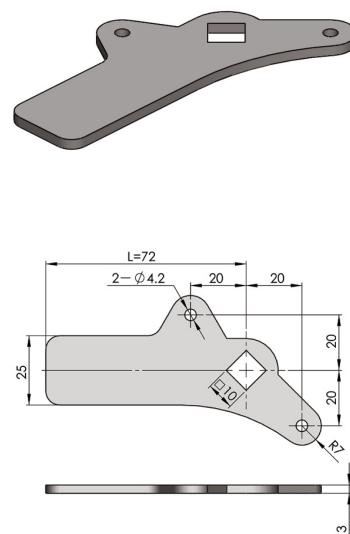
Cam code	BH	L
S3B6800A	0	68

S3C Series



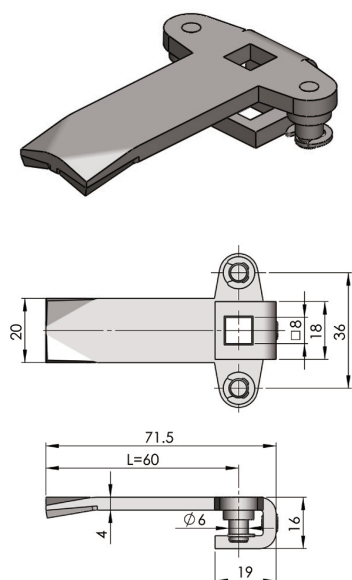
Cam code	BH	L
S3C8600	0	86
S3C6527	27	65
S3C4851	51	48

S3C7200



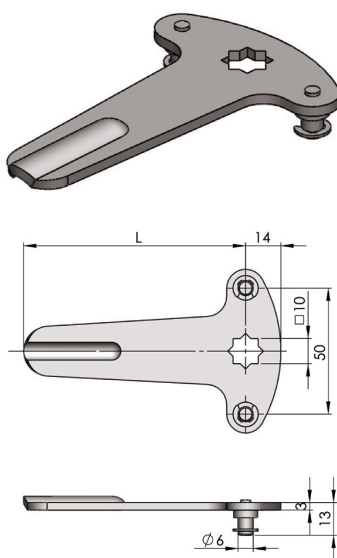
Cam code	BH	L
S3C7200	0	72

S3B6000A



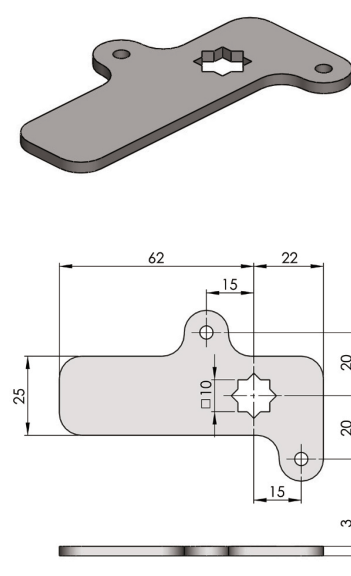
Cam code	BH	L
S3B6000A	0	60

S3C Series

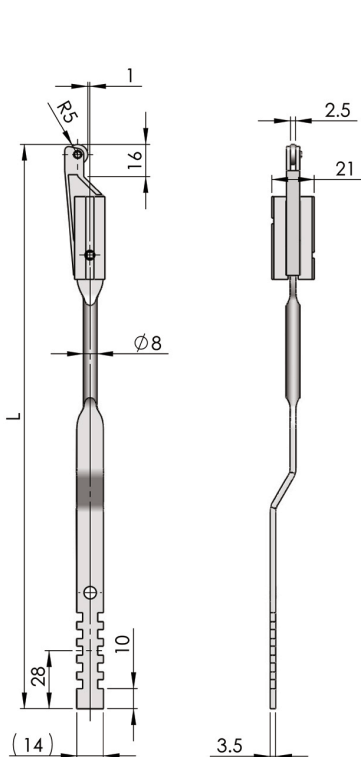


Cam code	BH	L
S3C5000	0	50
S3C7000	0	70
S3C8800	0	88

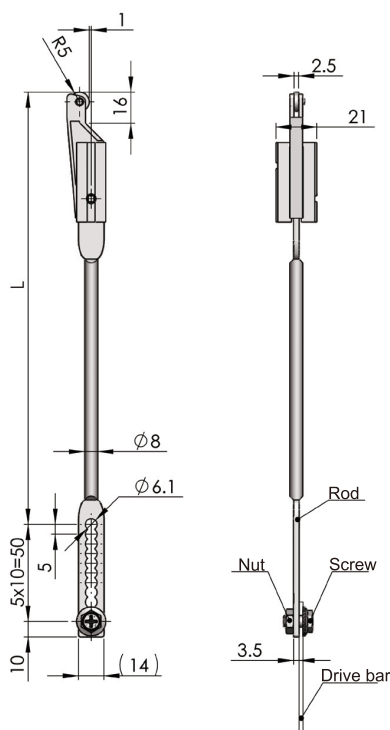
S3C6200



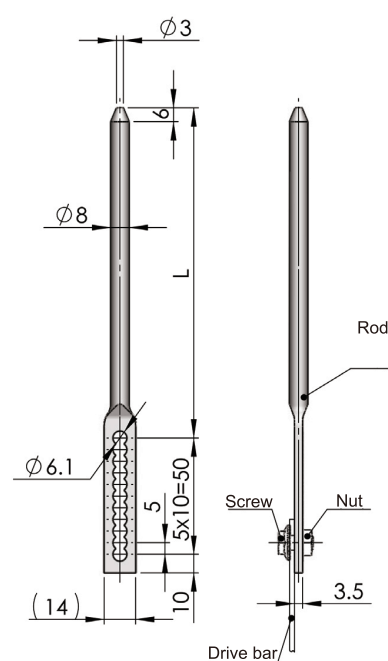
Cam code	BH	L
S3C6200	0	62



Please specify the rod length "L" purchase



Please specify the rod length "L" purchase



Please specify the rod length "L" purchase

A technical drawing of a vertical assembly. It features a long, thin vertical bar. Two identical clamps are attached to the bar, one near the top and one near the bottom. Each clamp consists of a white rectangular block with a circular hole, a white curved bracket, and a black bolt. The bottom section of the bar is bent into a V-shape. A small circular feature is visible on the lower part of the bent section.



Please specify the rod length "L" purchase

Please specify the rod length "L" purchase

Please specify the rod length "L" purchase

Accessories And Selection

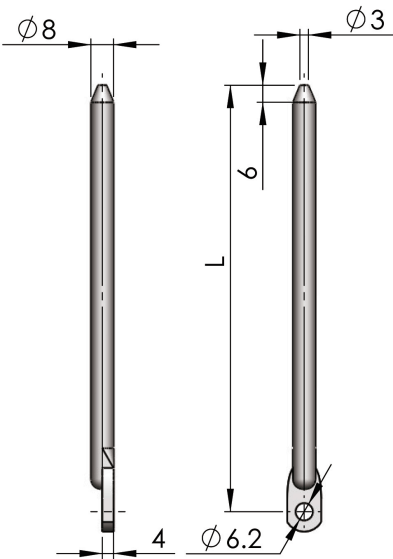
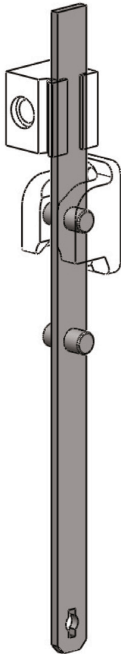
LG007-A



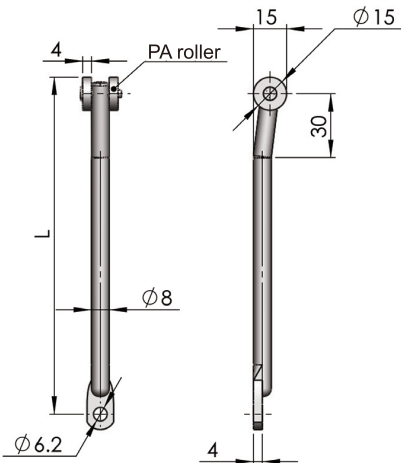
LG007-B



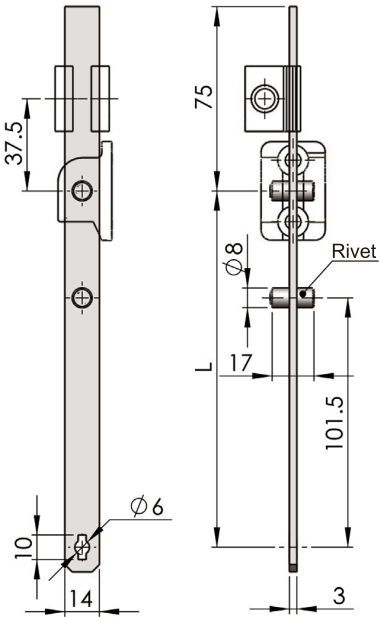
LG010



Zinc-plated steel, cone-round head with hole rod
Please specify the rod length "L" purchase



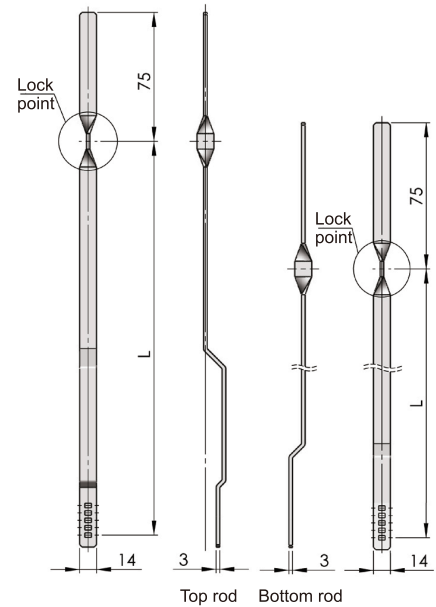
Zinc-plated steel, cone-round head with hole rod; with white PA roller
Please specify the rod length "L" purchase



Zinc-plated steel, flat rod, refer to accessory chart on request of accessories
Please specify the rod length "L" purchase

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LG013-A

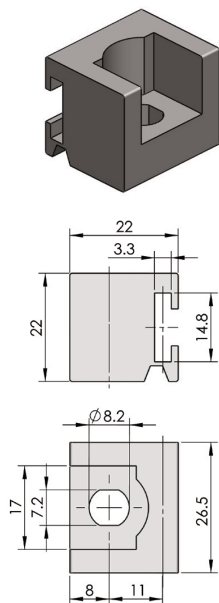


Zinc-plated steel, flat rod, match with RG003-2,
used in MS856

Please specify the rod length "L" purchase

Accessories And Selection

RG001-1

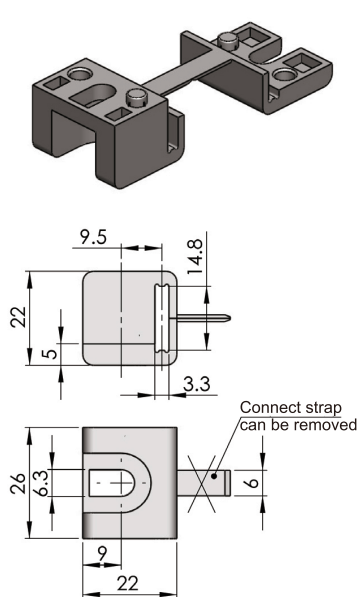


Black PA guide, fix with M6*16~20 weld screw

Material

Black PA

RG001-2

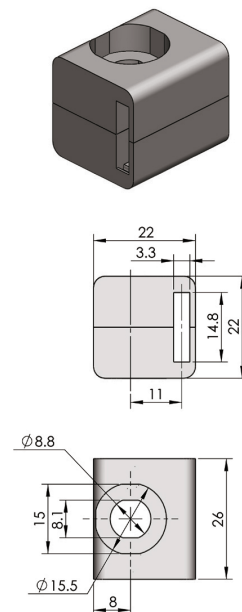


Black PA guide, fix with M6*16~20 weld screw, connect strap can be removed

Material

Black PA

RG001-3

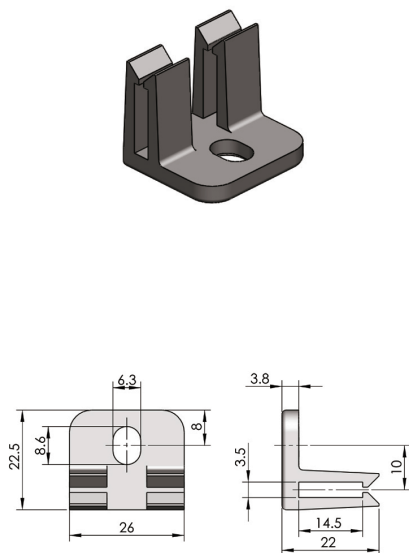


Black PA guide, zinc-plated nut, fix with M6*16~20 weld screw

Material

Black PA

RG001-4

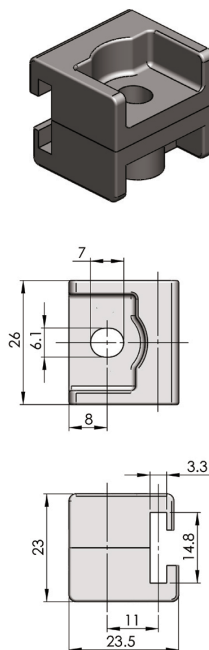


Black PA guide, fix with M6*12 weld screw

Material

Black PA

RG001-5

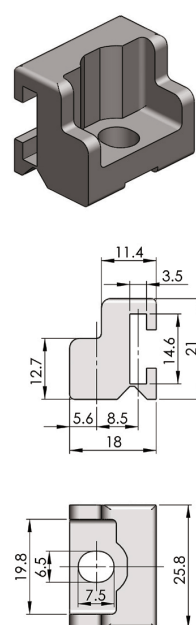


Black PA guide, fix with M6*16~20 weld screw

Material

Black PA

RG001-8

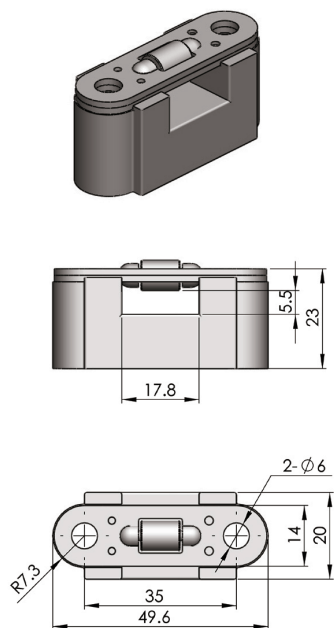


Black PA guide, fix with M6*16~20 weld screw

Material

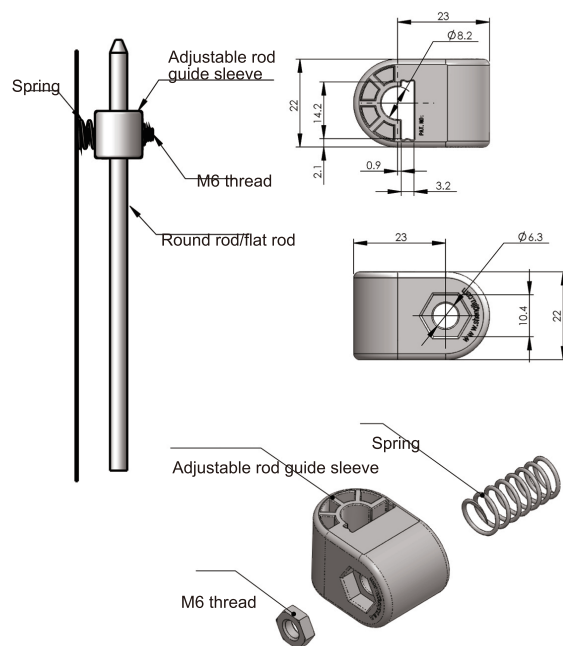
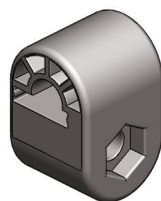
Black PA

RG010



Black PA guide, fix with M6*16~20 weld screw

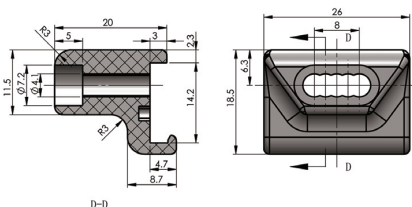
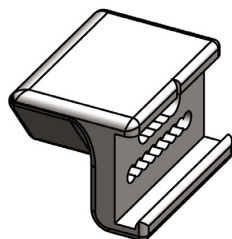
Material	Black PA
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PC guide

Material	PC(White)
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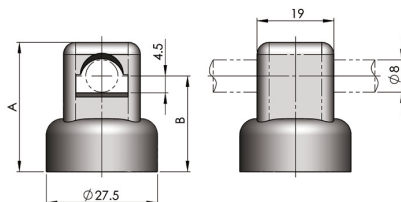
RG001-11



Guide, fix with 3*14 flat rod

𐄌𐄌𐄌𐄌𐄌𐄌	Material
	PA+30%GF(黑色)

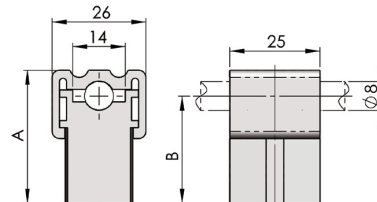
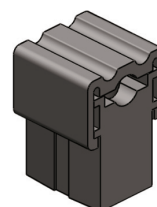
RG002



Black PA guide, nut inside

ERP	A	B	Welding screw specification
1110020001	32	24	M6x16
1110020002	38	30	M6x20
1110020003	42	34	M6x20

RG002-A

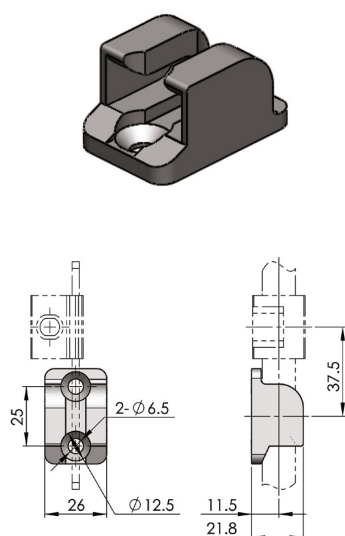


Black PA guide, nut inside, match with flat rod and round rod

ERP	A	B	Welding screw specification
1110021102	32	24	M6x16
1110021103	38	30	M6x20

Accessories And Selection

RG003-1

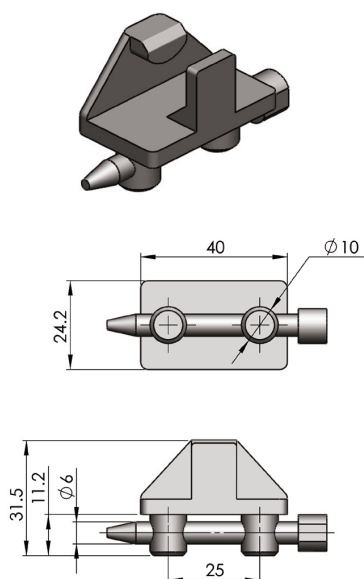


Black ZDC catcher, match with the rod white rivet

Material

ZDC

RG003-2

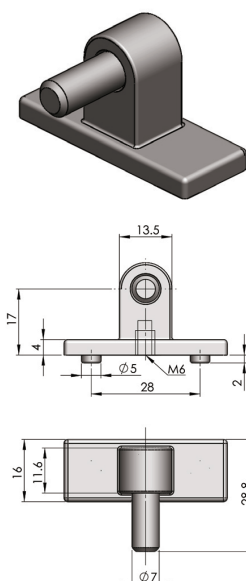


Black ZDC clip catcher, PA pin ,fit with 2MM door

Material

ZDC

RG003-3

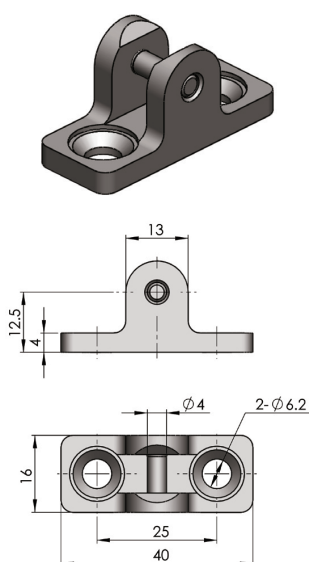


Zinc plated ZDC catcher,Zinc plated steel pin, fixed with M6 screw.

Material

ZDC

RG003-4

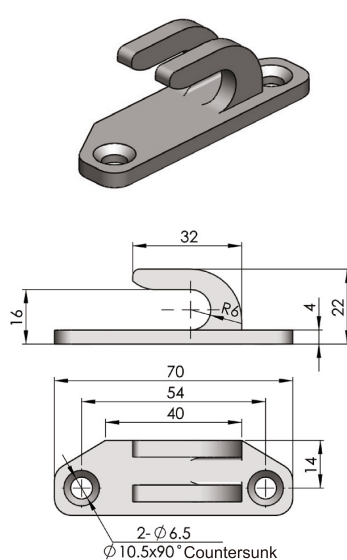


Zinc plated ZDC catcher, stainless steel pin, fixed with M6 screw.

Material

ZDC

RG003-5

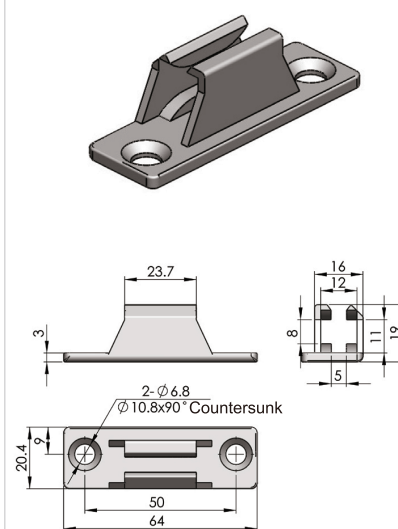


Zinc plated ZDC catcher, fixed with M6 countersunk head screw, match with the rod with roller.

Material

ZDC

RG003-6



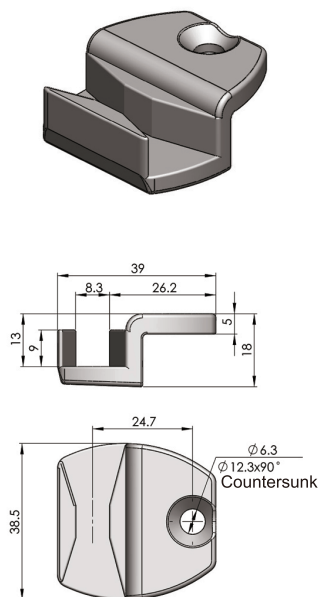
Zinc plated ZDC catcher, fixed with M6 countersunk head screw, match with locking pin flat rod.

Material

ZDC

Accessories And Selection

RG003-7

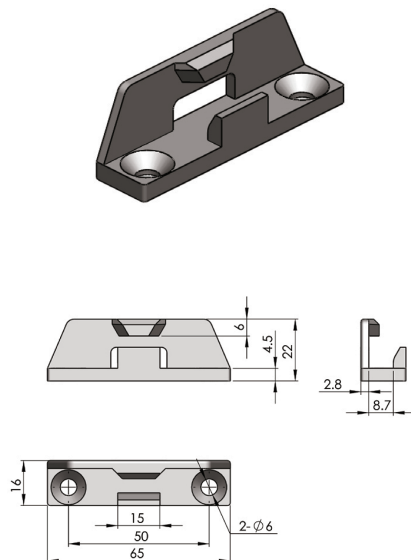


Zinc plated ZDC catcher, fixed with M6 countersunk head screw.

Material

ZDC

RG003-8

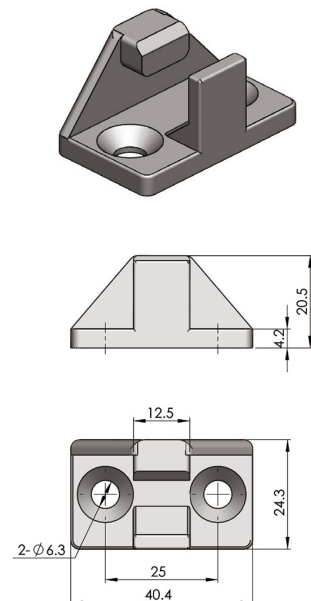


Zinc plated ZDC cassette catcher, fixed with M6 countersunk head screw.

Material

ZDC

RG003-9

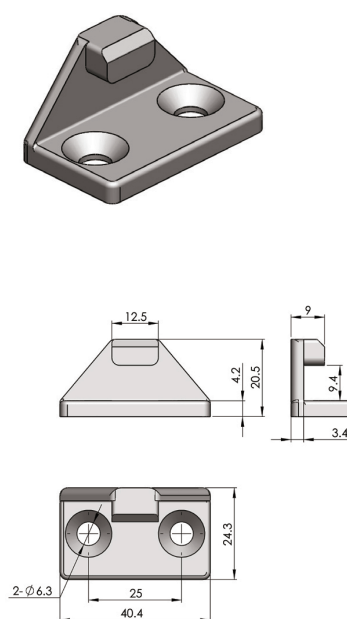


Zinc plated ZDC Cassette fixed buckle, fixed with M6 countersunk head screw.

Material

ZDC

RG003-10

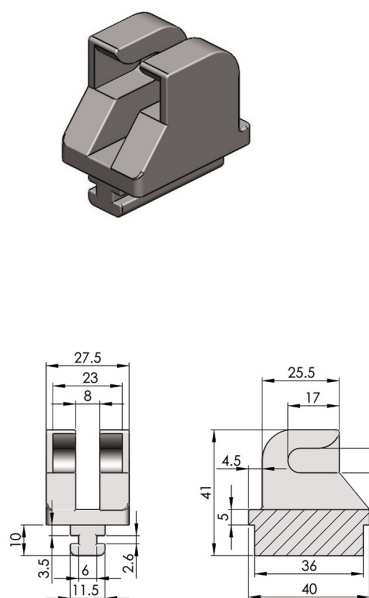


Zinc plated ZDC Cassette fixed buckle, fixed with M6 countersunk head screw.

Material

ZDC

RG003-11

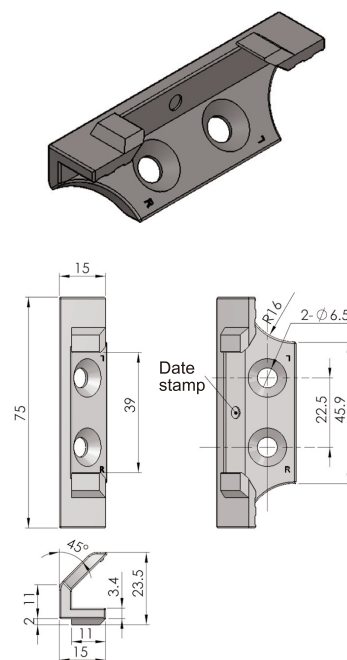


Zinc plated ZDC catcher, fixed with M6 countersunk head screw, match with locking pin flat rod.

Material

ZDC

RG003-14



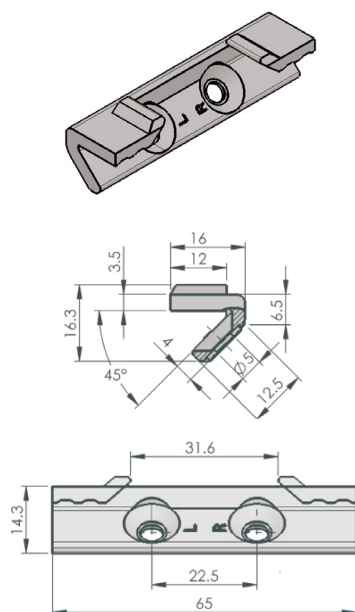
Cam catcher; L and R available

Material

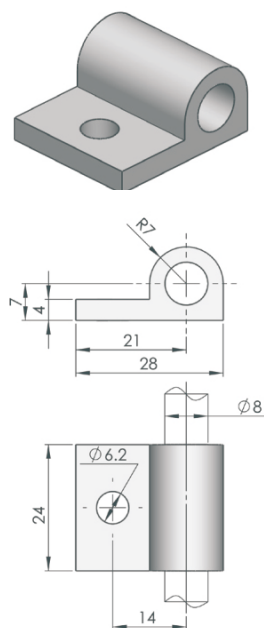
ZDC

Accessories And Selection

RG003-15

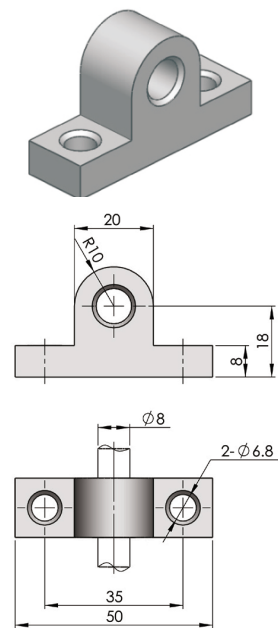


RG004-1



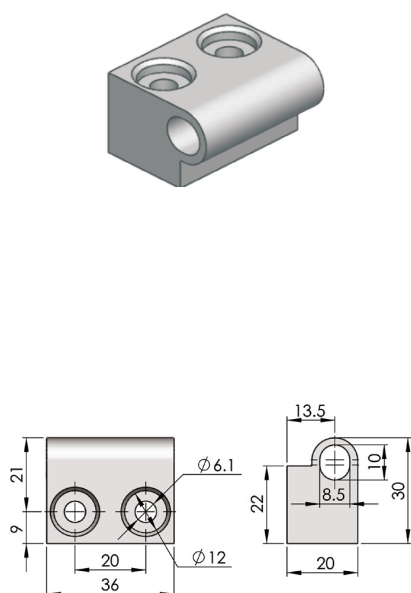
PA guider

RG004-2



PA guider

RG004-3

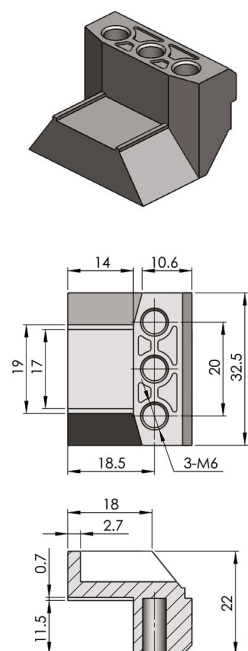


Black ABS guider

Material

ABS

RG005-1

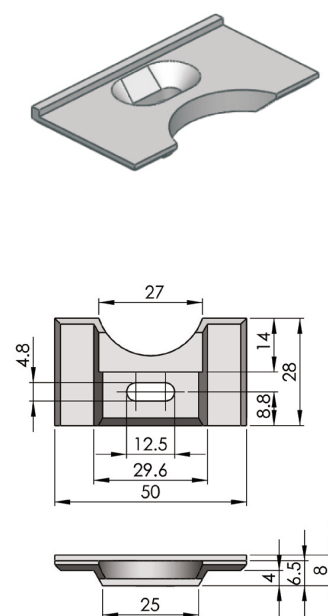


ZDC fix catcher, match with LG002-1/2.

Material

ZDC

RG005-2



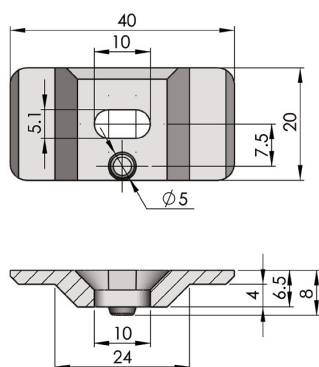
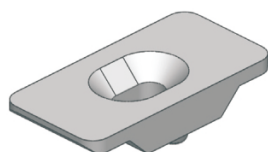
Cam fix fastener, match with S1A1403.

Material

ZDC

Glossary And Selection

RG005-3

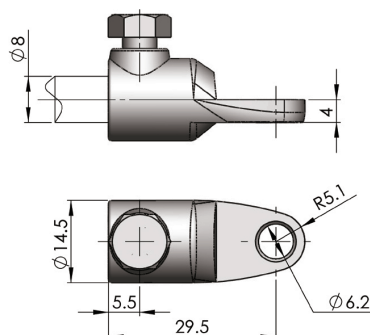
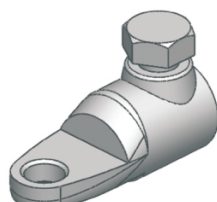


Cam catcher, match with S1A1403.

Material

ZDC

RG006-1

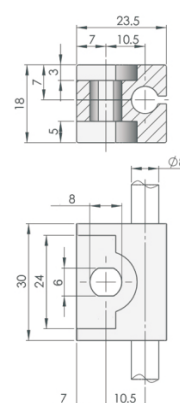
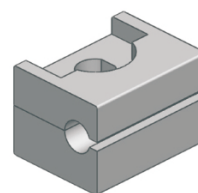


Zinc plated ZDC, connect accessories, Zinc plated steel, M6 set screw.

Material

ZDC

RG006-2

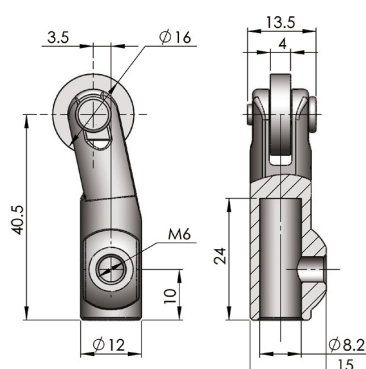
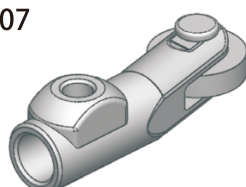


PA guider

Material

Black PA

RG007

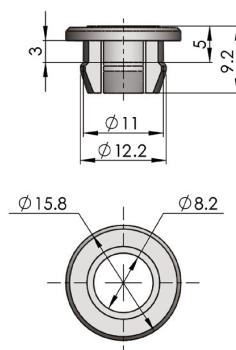


ZDC connect cover, nylon rolle, match with LG001-1 and LG003.

Material

ZDC / PA

RG008

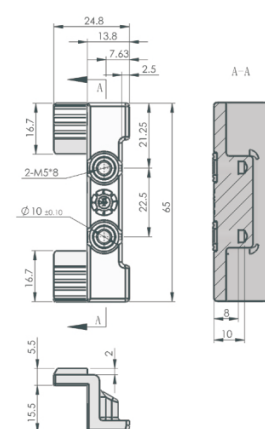
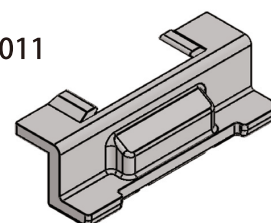


Nylon guide, match with $\phi 8$ mm round rod.

Material

Black PA

RG011



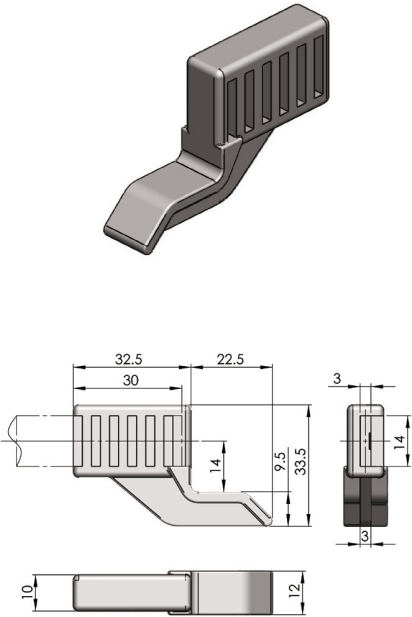
ZDC Guide

Material

ZDC

Glossary And Selection

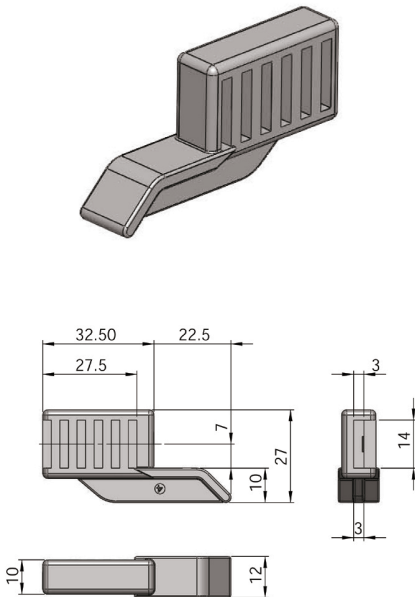
RG003-15



PA guide,match with 3X14 flat rod.

Material	Black PA
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RG004-1



PA guide,match with 3X14 flat rod.

Material	Black PA
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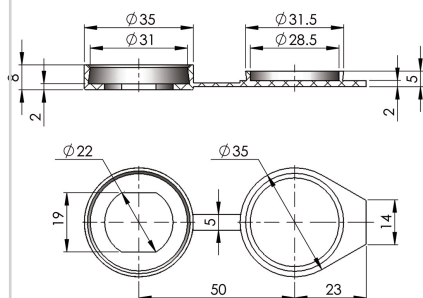
Accessories for rods

Rod guide code	Rod code
RG001-1	LG004、LG005、LG006、LG010
RG001-2	LG004、LG005、LG006、LG010
RG001-3	LG004、LG005、LG006、LG010
RG002	LG001-1、LG001-2、LG001-3、LG003、LG007-A
RG002-A	LG001-1、LG001-2、LG001-3、LG003、LG007-A、LG007-B
RG004-1	LG001-1、LG001-2、LG001-3、LG003、LG007-A
RG004-2	LG001-1、LG001-2、LG001-3、LG003、LG007-A
RG004-3	LG001-1、LG001-2、LG001-3、LG003、LG007-A
RG006-2	LG002-1、LG002-2
RG006-2A	LG001-1、LG001-2、LG001-3、LG003、LG007-A、LG007-B

Rod guide code	Rod code
RG003-1	LG004、LG005、LG010
RG003-2	
RG003-3	
RG005-1	LG002-1、LG002-2
RG005-2	LG002-1、LG002-2
RG006-1	LG001-1、LG001-2

Glossary And Selection

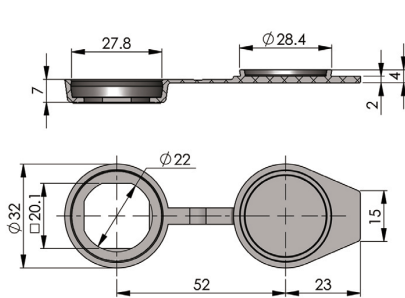
RG005-3



Black PA water-proof cap

Material Black PA

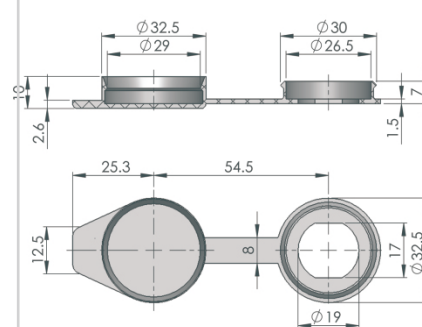
RG006-1



Black PA water-proof cap

Material Black PA

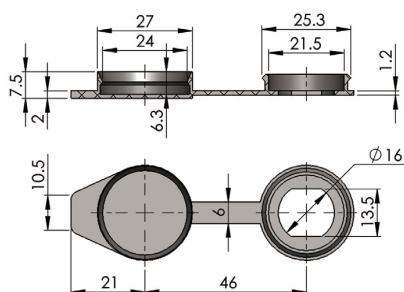
RG006-2



Black PA water-proof cap

Material Black PA

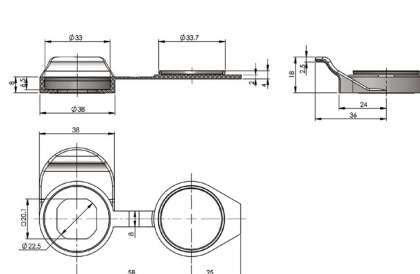
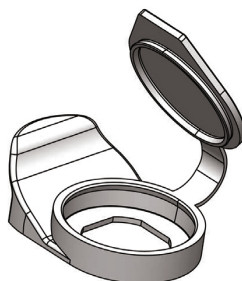
RG003-10



Black PA water-proof cap

Material Black PA

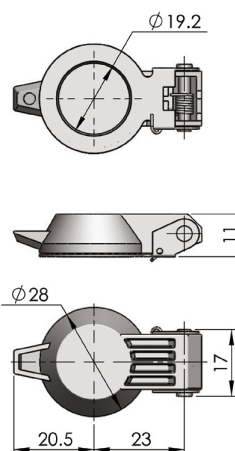
RG003-11



Black PE water proof with handle pull

Material Black PE

RG003-14

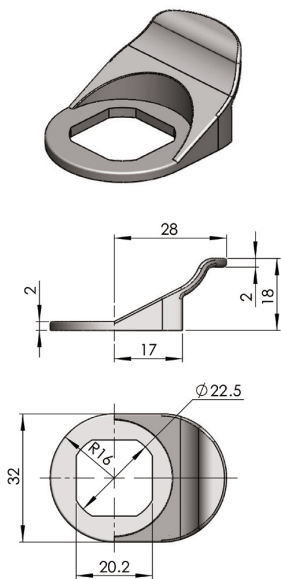


Chrome plated zinc water-tight cap, sus bracket

Material Zinc plated ZDC/SUS

Glossary And Selection

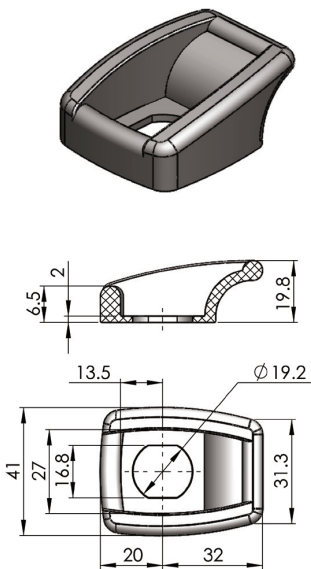
HP001



Black PA handle pull

Material	Black PA
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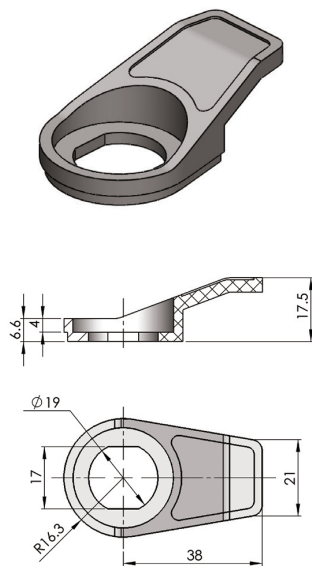
HP001



Black rubber handle pull

Material	RB
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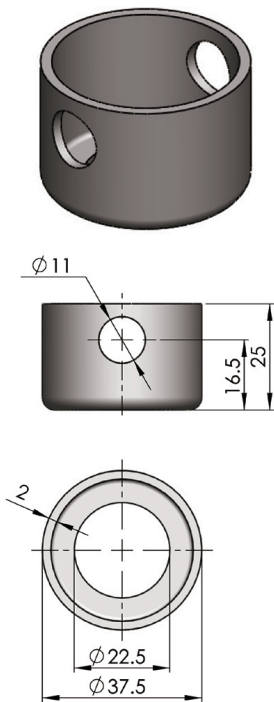
HP001



Black PP handle pull

Material	Black PP
----------	----------

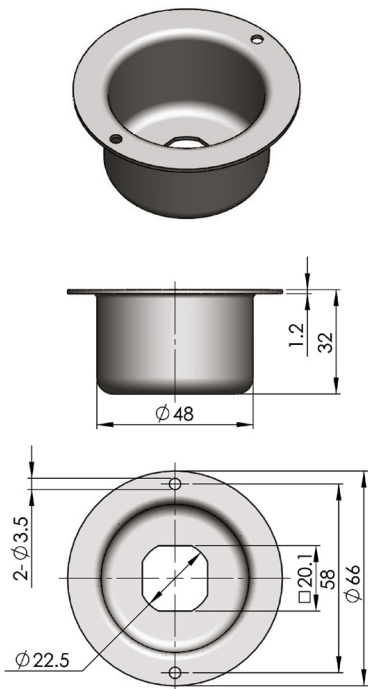
A3001



Cannula

Material	SUS Pocked black powder Q235
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A3002

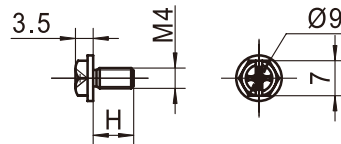


Zinc plated steel seating, applicable for locks similar to MS705

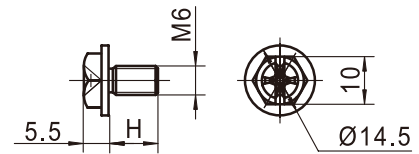
Material	Zinc plated Q235
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Glossary And Selection

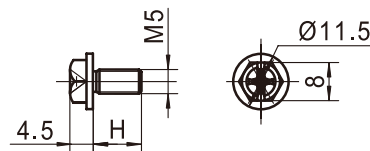
Locking screw



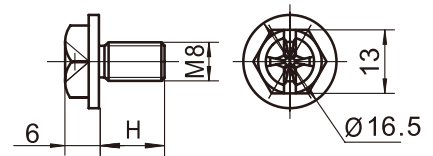
Washer screw size	H
SW4 x 8	8



Washer screw size	H
SW6 x 8	8
SW6 x 10	10
SW6 x 27	27
SW6 x 55	55



Washer screw size	H
SW6 x 5	5
SW6 x 8	8
SW6 x 10	10
SW6 x 12	12



Washer screw size	H
SW8 x 12	12

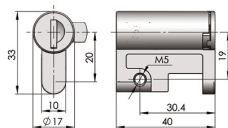
KEY DIFFERENT LIST

Key code	Applicable products model	Key different ifferentantity	Remark
K72-2	MS829	10 Sets	Rod control lock
	MS819, MS828, MS831	200 Sets	
	MS712, MS712-Q, MS713, MS727	200 Sets	Panel lock
K72-3	TC01, TC04, TC05, TC05-2	500 Sets	Cylinder
	MS301, MS304, MS305, MS306, MS307, MS310, MS317		Handle lock
	MS762, MS705-3E		Insert lock
	MS737		Panel lock
	MS820-4, MS830, MS830-8, MS832, MS833, MS835		Rod control lock

Glossary And Selection

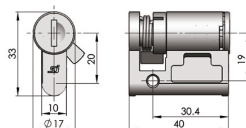
INSERT SERIE

TC01



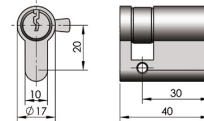
Chrome plated ZDC insert default Key K140, Automatic reset lock tongue.

TC01-2



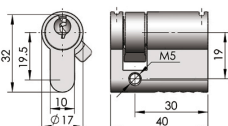
Chrome plated ZDC insert default Key K140, Automatic reset lock tongue.

TC03-1



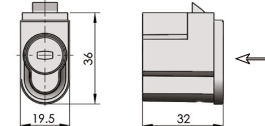
Brass Anti-thief insert on request of safety and special circumstance.

TC03-5



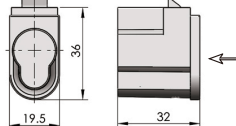
Brass Anti-thief insert on request of safety and special circumstance.

TC04-1



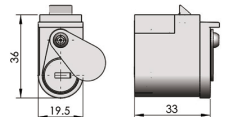
Chrome plated insert, default K140, automatic reset.

TC04-2



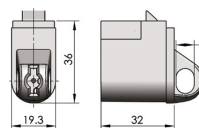
Chrome plated insert, with button, automatic reset.

TC05-1



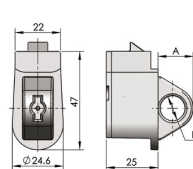
Chrome plated ZDC insert, with stainless steel safety cover and stainless steel screw. default key K140, automatic reset.

TC06-1



Chrome plated ZDC insert, match with padlock, default key K290, automatic reset.

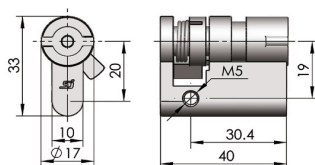
TC06-2



Chrome plated ZDC insert, match with padlock, default key K290.

Model	A	B
TC06-2	17	Ø12
TC06-3	26.5	Ø14
TC06-4	12	Ø8x11

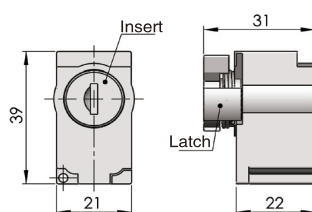
TC02-1



Chrome plated ZDC insert, auto-resilient striking plate, see P061 for insert sets.

Specification	Code	Key Code
Insert insert	Double bit 4mm	TC02-1
	Double bit 3mm	TC02-1A
	Hooked	TC02-2
	Triangular 8mm	TC02-3
	Square 8mm	TC02-4
	Square 8mm with slot	TC02-4A
	Square 6mm	TC02-5
	Square 7mm	TC02-6
	Socket Hexagon	TC02-7
	Slot	TC02-8
	Hexagon	TC02-9
	Thron	TC02-10
	Oblate-type	TC02-11
	Triangular 7mm	TC02-12

TC08

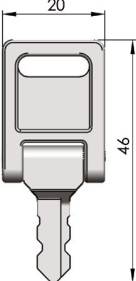
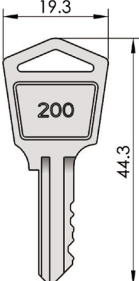
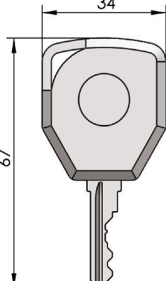
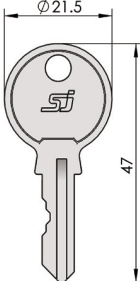
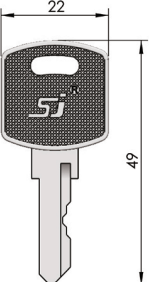
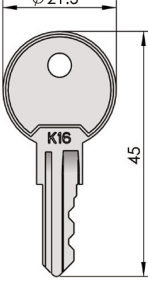
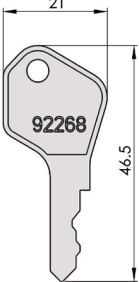
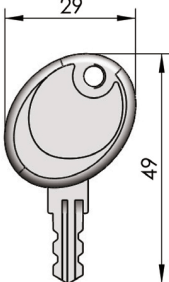
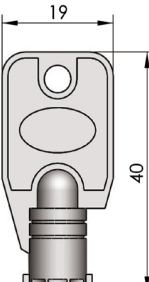
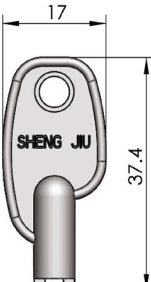
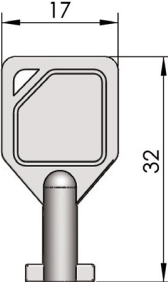
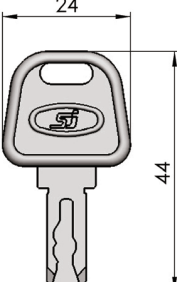
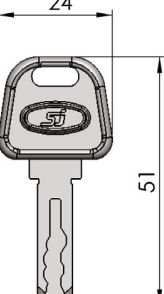


Insert list on P061

Specification	Code	Key Code
Key-type Insert	Anti-thief insert	TC08-A1
Insert insert	Double bit 4mm	TC08-B1
	Double bit 3mm	TC08-B1A
	Hooked	TC08-B2
	Triangular 8mm	TC08-B3
	Square 8mm	TC08-B4
	Square 8mm with slot	TC08-B4A
	Square 6mm	TC08-B5
	Square 7mm	TC08-B6
	Socket Hexagon	TC08-B7
	Slot	TC08-B8
	Hexagon	TC08-B9
	Thron	TC08-B10
	Oblate-type	TC08-B11
	Triangular 7mm	TC08-B12

Glossary And Selection

KEY SERIES

K083 	K110 	K130 	K140(Stainless iron) 
K140(Plastic grip) 	K160 	K280 	K570 
K580 	K590 	K600 	K722 
K723 			

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