

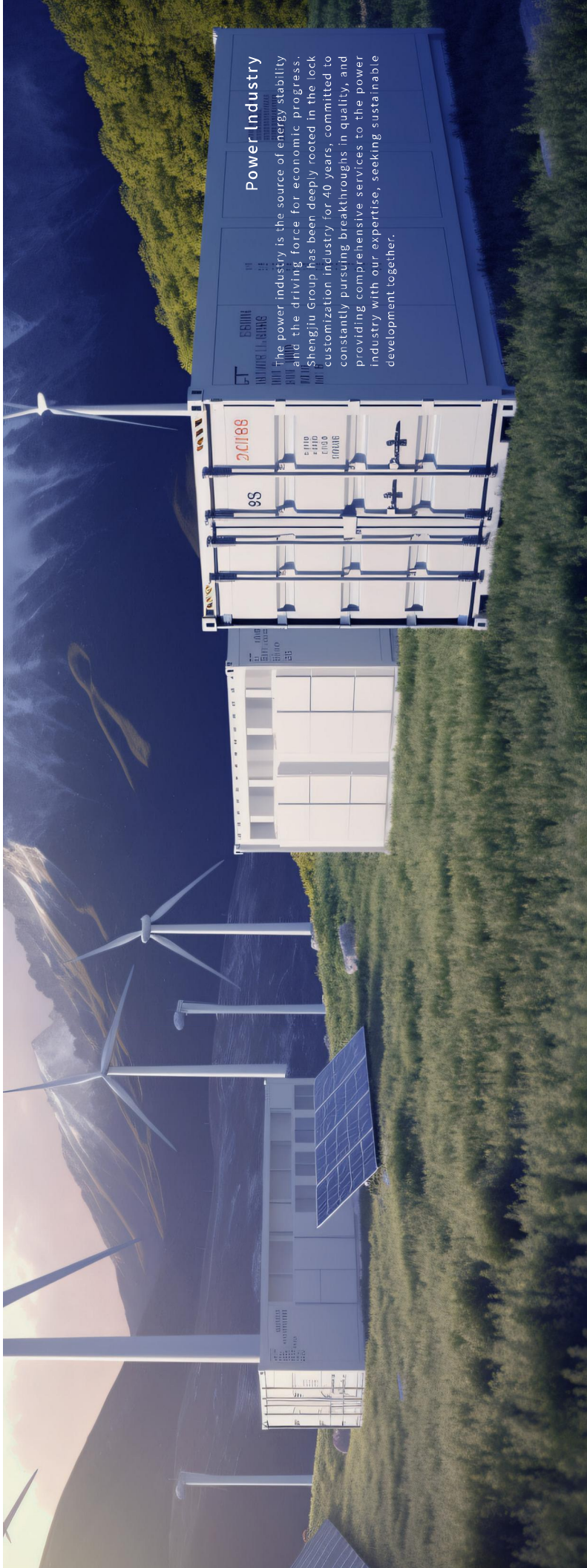


ISO9001//ISO14001 IRIS TS16949



CATALOGUE SHENGJIU TECHNOLOGY CO.,LTD.





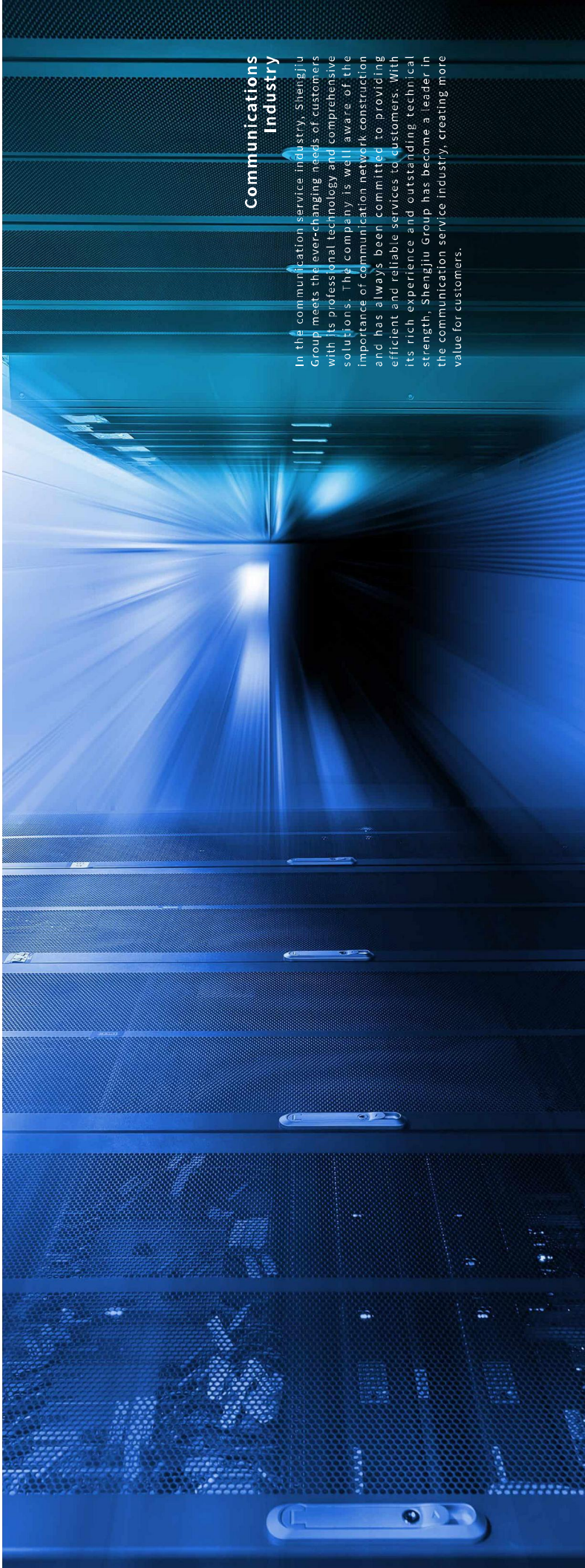
Power Industry

The power industry is the source of energy stability and the driving force for economic progress. Shengjiu Group has been deeply rooted in the lock customization industry for 40 years, committed to constantly pursuing breakthroughs in quality, and providing comprehensive services to the power industry with our expertise, seeking sustainable development together.

New Product

				
P291	P308	P309	P038	P038
CL132-6-L-F	CL1181-1B	CL1186-1D	MS341-1	MS341-1
				
P039	P203	P251	P266	
MS887-3F-2D	MS921-Y	LS506-S100-1D	LS539-2	

			
P342	P382	P392	P065
CL220-8	CL261-2-1D	CL283-12-1	MS705-3A-1
			
P195	P198	P026	P027
MS867-3	MS867-14-1D	L-32-1D	FA0047



Communications Industry

In the communication service industry, Shengjiu Group meets the ever-changing needs of customers with its professional technology and comprehensive solutions. The company is well aware of the importance of communication network construction and has always been committed to providing efficient and reliable services to customers. With its rich experience and outstanding technical strength, Shengjiu Group has become a leader in the communication service industry, creating more value for customers.

New Product



P281
CL1111-4D-F



P282
CL1111-5D-F



P300
CL1153-4-2D



P347
CL2276-2A-N



P084
MS758-5-Z



P107
MS816-1-1F-Y



P153
MS892-6



P164
MS828-A-F



P183
MS840-14



P204
MS999

Company Profile

System Certification

Shengjiu has consistently adhered to an international standard management system to ensure full compliance with quality requirements. The company has currently obtained all necessary certifications.

- RoHS certification
- TUV certification
- ul certification
- CNAS certification
- Zhejiang Manufacturing Certification
- IATF16949:2016
- ISO9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO-TS 22163:2017

Shengjiu Group, established in 1984, is a technologically eco-friendly enterprise dedicated to providing excellent cabinet lock and cooling solutions for the global industrial sector. Driven by innovation, Shengjiu continuously advances technological research and development, creating a range of efficient, energy-saving, and environmentally friendly core products.

Shengjiu offers a range of products including cabinet lock systems, Intelligent electronic lock, DC fans, and heat sinks. Their product lines encompass industrial cabinet locks, smart IoT locks, hinges, handles, Gasket, DC fans, heat sinks, and thermal modules. These products are widely used across various industries and fields such as machinery, electric power, 5G communications, and new energy. Not only do these products demonstrate outstanding performance, but they also earn customers' trust and praise through innovative design and exceptional quality.

As a global enterprise with nearly 2,000 employees, Shengjiu has established 8 branches and over 60 channel partners, with a service network covering more than 100 countries and regions worldwide. This extensive network enables Shengjiu to promptly respond to customer needs, providing professional solutions and high-quality services. Shengjiu

has set up three major R&D centers in Ningbo, Dalian, and Dongguan, with over 300 patents across various categories. These centers provide strong technical support, driving product upgrades and innovations. Shengjiu Laboratories have capabilities in 55 types of testing across five categories: physical performance, environmental adaptability, electrical performance, physical and chemical analysis, and precise dimensional measurement. The laboratories are accredited with CNAS, UL, and TUV certifications, ensuring scientific basis for product development and guaranteeing the reliability and quality of Shengjiu products.

Looking ahead, Shengjiu Group will continue to uphold its core values of "integrity, cooperation, respect, and accountability," while further developing its industrial cabinet lock and industrial cooling sectors. Shengjiu will actively expand its core business scope, driving rapid company growth with leading technology, efficient management, and a continuous spirit of innovation. Shengjiu is committed to building an international specialized industrial group with a rational product structure, leading technology, efficient management, and competitive advantages. We firmly believe that through continuous innovation and development, we will better serve our global customers and achieve sustainable development goals, while returning the trust and support shown to Shengjiu.



90000 m²
90,000 m²
factory area



100+
Presence in 100+
countries and
regions



300+
300+ patents



2012+
Over 2 billion
cumulative shipments of
cabinet lock



312+
Over 200 million
cumulative shipments of
cooling products



15+
Over 10000 have
cooperated
Number of customers

Development History

1984

In 1984, Mr. Yao Jinming founded Dayin Hardware Machinery Factory, marking the beginning of Shengjiu Technology's entrepreneurial journey

1988-1998

With an annual output value exceeding 1 million, the company independently develops cabinet lock products and manufactures high-quality cabinet lock accessories, while strengthening its quality management.

Establish Shanghai Shengjiu Cabinet Lock Co., Ltd. and register the "Shengjiu" brand

1999-2003

The first batch of communication cooling fans from Shengjiu has been officially launched on the market

The First Management Transformation - Introducing the ISO9000 Quality Management System at Ningbo Shengjiu

Cabinet Lock Co., Ltd. was established with Mr. Yao Chunliang as the General Manager

The first agent conference was held, providing strong support for the agent channel strategy

2004-2008

Developing high-end nano spraying technology for cabinet lock products, pioneering the industry

The ERP system was officially launched, marking the beginning of information management.

The "SJ" international trademark has been successfully registered, and Shengjiu has entered the international market with an annual output value exceeding 100 million yuan

The first domestic branch was established in Shenzhen, and "Shengjiu" was recognized as a well-known trademark in China

2009-2019

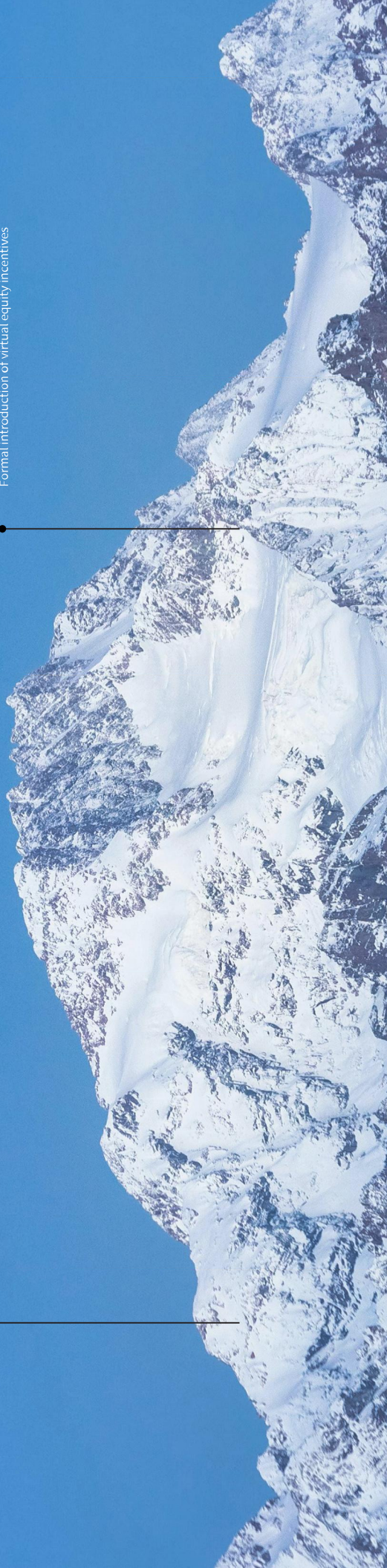
Led the development of the national standard "GB/T2593-2010 Mechanical Door Locks for Electrical and Electronic Equipment Cabinets"

Led the formulation of the national standard "GB/T31844-2015 Electrical and Electronic Equipment Cabinet Hinges", established a smart grid project department, and entered the smart grid industry

2020-2024

Ningbo Shengjiu Cabinet Lock Co., Ltd. was renamed Ningbo Shengjiu Technology Co., Ltd

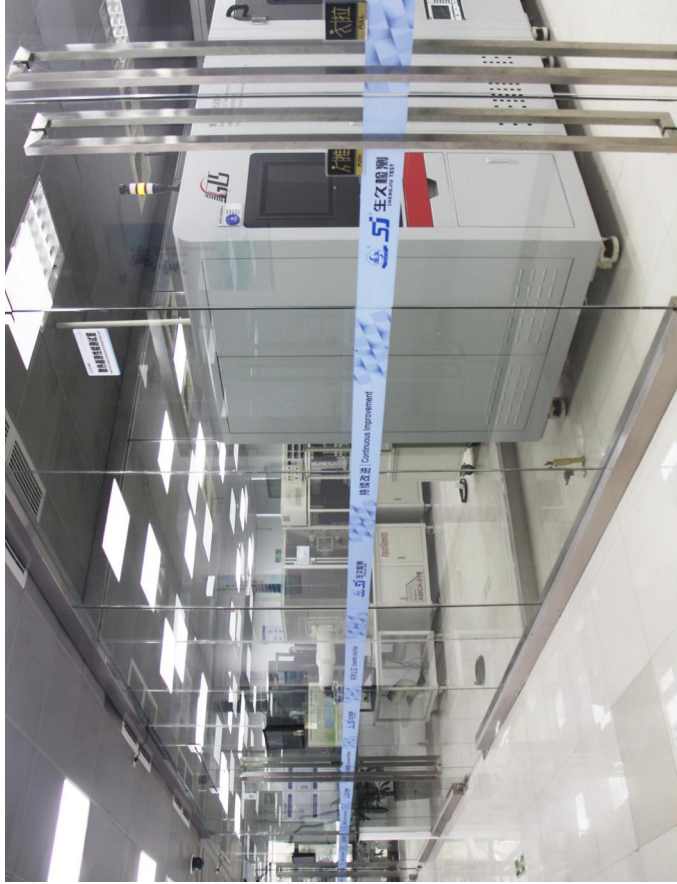
Formal introduction of virtual equity incentives



Testing Center

After years of development, the laboratory now boasts more than 120 sets of various testing instruments and equipment, with fixed assets exceeding 50 million yuan. It has facilities such as EMC testing, environmental simulation testing, material composition testing, material physical performance testing, power related basic performance testing, safety testing, etc., covering the testing and testing of locks, hinges, and fans; The laboratory spans over 800 square meters, and its size, specifications, and experimental capabilities have reached an advanced level within the industry. We provide reliable technical parameters for customer product development and production, e ensuring product compliance and delivering satisfactory technical services.

Establish a management system and standardize workflow in accordance with the requirements of CNAS-CL01:2018 (ISO/IEC 17025:2017), following the quality policy of "scientific fairness, accuracy and efficiency, service first, and continuous improvement".



Detection Score

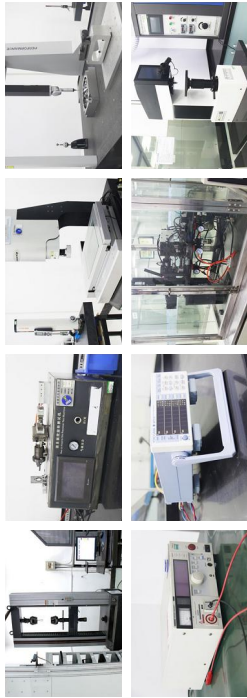
Product weather resistance testing

Salt spray test, UV light tolerance test, high and low temperature alternating humidity and heat test



Mechanical performance testing and equipment

Tensile test: testing the tensile strength of products and materials
Impact test: testing the impact resistance of products and materials
Image measuring instrument: Provides precise mapping of products and holographic analysis of materials
Intelligent electrolytic thickness gauge, hardness tester, spring tension and compression testing machine, spring torque testing machine, vibration testing machine, various mechanical fatigue testing machines



Physical and chemical analysis testing

Atomic absorption spectrophotometer: Analyzes material composition and detects toxic and harmful heavy metals in accordance;

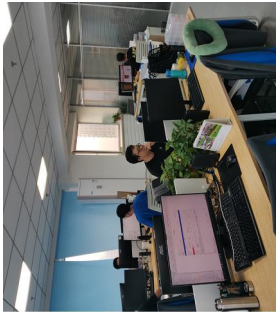
with the EU RoHS directive,UV visible spectrophotometer: Detects hexavalent chromium content.



Design & Mold



Ningbo R&D



Dalian R&D



Dongguan R&D



Mold workshop



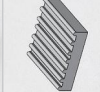
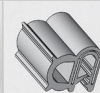
Spray painting workshop

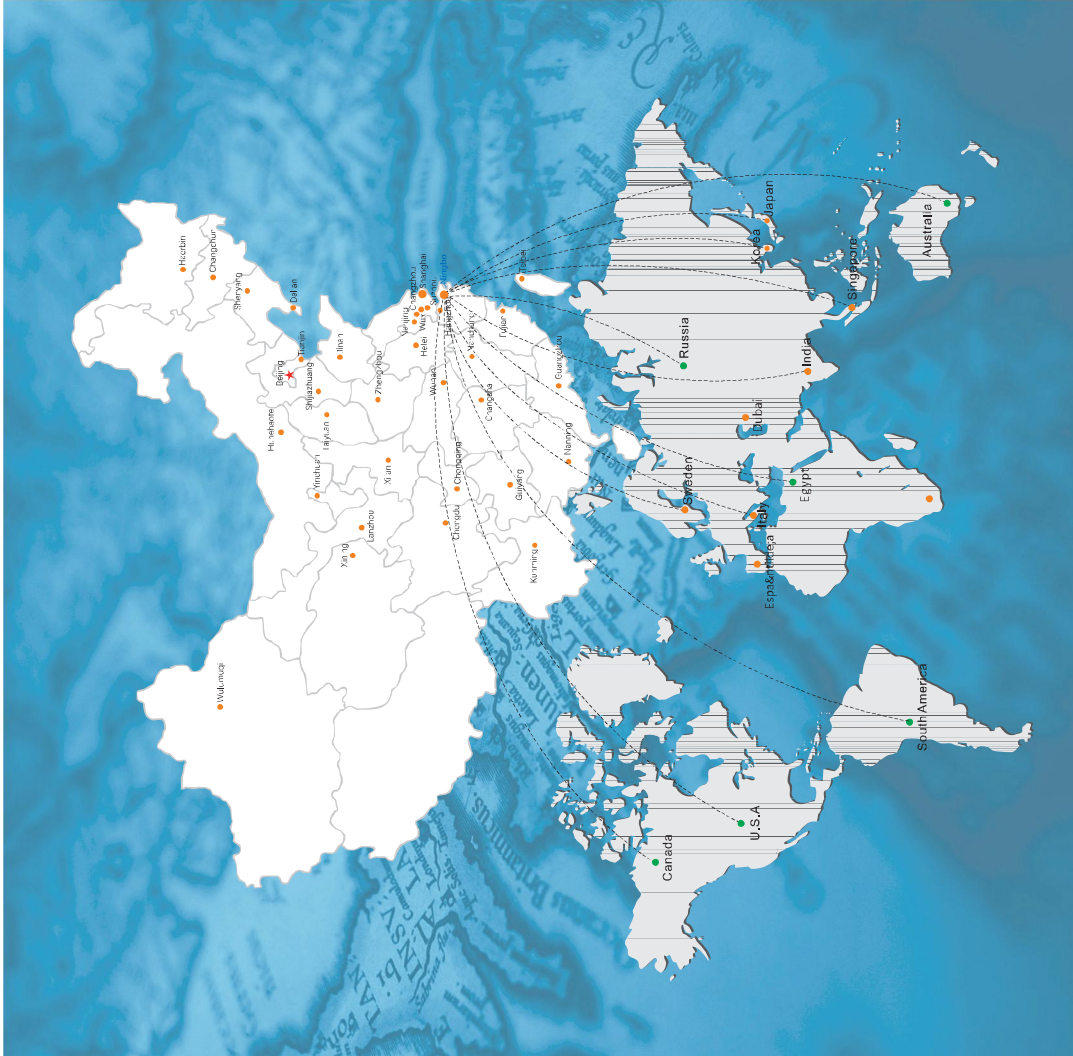
Nano Spraying

1	High temperature resistance	150°C-180°C
2	Low temperature resistance	-40°C
3	Hardness	GB/T6739-96 Chinese Pencil 5-6H
4	Impact strength	GB/T1732-93 No cracking or peeling (50kg, cm)
5	Resistant to boiling water	No abnormalities were found after soaking at 100°C for 60 minutes
6	Acid resistance	No abnormalities were observed after soaking in a 5% hydrochloric acid solution for 200 hours
7	Alkali resistance	No abnormalities were observed after soaking in a 5% caustic soda solution for 200 hours
8	Salt spray resistance	Corrosion resistance meets GB/T105-1997 500 hour neutral salt spray test
9	Environmental friendliness of the product	Compliant with the EU RoHS Directive requirements.
10	Yellowing resistance	No color difference after 60 minutes of drying at 180 °C
11	Weathering resistance	GB/T4522-93 E<2 (ASTMG-53) QUV2000 hours
12	Bending test	GB11185-89 3MM Keep normal
13	Coating thickness	GB1764-79 40-60um

Nano spraying concept: Nanotechnology is one of the most cutting-edge scientific technologies in modern physics. Nano spraying applies this technology in engineering, creating a dense nano-coating on the surface of an object. The coating contains high hardness, high corrosion resistance nanomaterials, which can provide various colors and gloss, making it an environmentally friendly, economical, and durable surface treatment. Nanocoatings are not sacrificial coatings and do not provide sacrificial protection. Surface scratches may cause erosion of raw materials, but their excellent acid resistance, salt alkali resistance, high hardness, and high stability can to some extent replace electroplating treatment. Compared to ordinary surface treatments, it offers superior performance and can be sprayed in various colors, in specific quantities, based on requirements.

Shengjiu pays focuses on every detail and humanized design of the product, ensuring its quality while achieving the simplest operating method with the most reasonable structure. Mold is the most important link in achieving a product from concept to reality, and it is also one of the key factors in ensuring product quality. Our CNC machining center, CNC engraving machine, COMW/EB2000 electric pulse machine and other equipment, as well as experienced mold designers, make our products faster and more excellent from design to production.

Characteristic explain	Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket	Index
List of contents												www.shengjiuglobal.com
												
												
												
	Accessories P003	Handle lock P028	Cylinder lock P050	Plane lock P119	Rod control lock P154	Panel lock P206	Toggle and hook P224	Handles P246	Door stop P269	Hinge P276	Seal gasket P400	



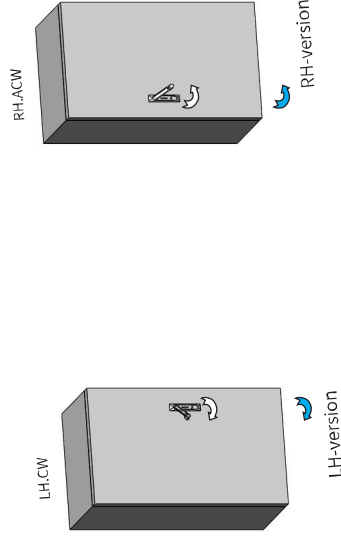
A STRONG SALES NETWORK

With the continued business expansion, Shengjiu has 7 companies which located in city of Beijing, Shanghai, Shenzhen, Wuhan, Qingdao, Ningbo and UAE. It's excellent quality high reputation, prompt service have won trust and favorable comments from a number of clients, and thus build up a reliable brand of Shengjiu(SJ). We own 26 distributors in domestic and 9 distributors in Singapore, Japan, Korea, India, Sweden, Germany, Spain, South Africa, and Italy. That make Shengjiu a strong sales network to service for our valuable clients.

Explanation of pictograms

IP40	IP50	IP54	IP64	IP65
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

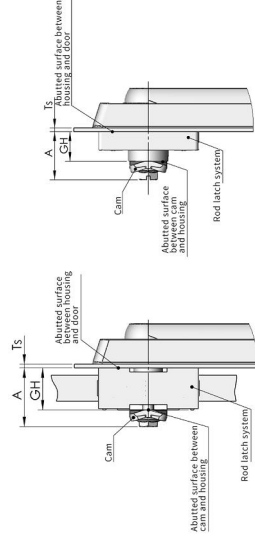
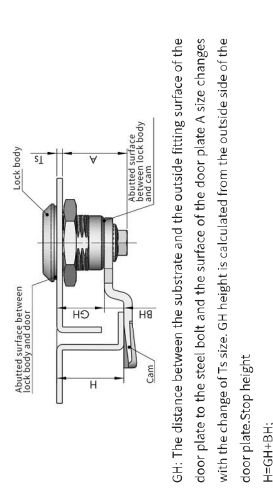
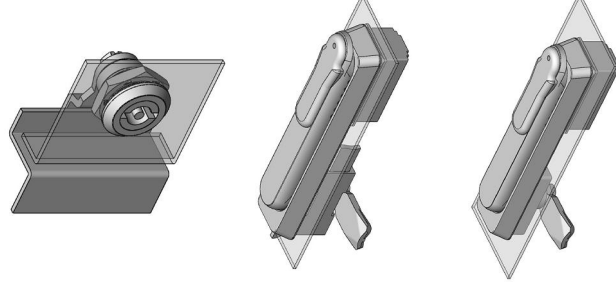
Explanation of LH and RH version



Abbreviation

Lock: MS	Key: K	Counterclockwise rotation: CW	Aluminum: ALU
Toggle: DK	Gasket: G	Retracting stroke: Dm	Polyamide: PA
Handle: LS	Pin: P	Rotate angle: Ra	Polypropylene: PP
Door stop: TX	Multipoint linear actuator: MB	Painted: CS	Styrene: ABS
Hinge: CL	Thickness: Ts	Electroplate: CP	Polycarbonate: PC
Rod: LG	Adjustable distance: Ha	Max. working torque: Tmax	Rubber: RB
Rod Accessory: RG	Step Height: H	Max. working Load: Fmax	
Pull Tab: HP	Main body height: GH	Cold drawn steel: CNS	
Sealing Cover: WP	Cam Bend height: BH	Spring steel: Fst	
Dustproof Cover: DP	Left door type: Z	Stainless steel: SUS	
Profile Insert: TC	Right door type: Y	Brass: Br	
Cam: S	Clockwise rotation: ACW	Zinc alloy: ZDC	

Hand GH specification



GH: The distance between the matrix and the inner fitting surface of the door plate and the steel bolt and the considerate joint surface of the lock A size does not change with the change of Ts size. GH height is calculated from the inner side of the door plate. In general, the product has two separable structures. Stop height H=GH+H; H=GH+H+L; H=GH+H+L+L.

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	Protect objects bigger than 50mm (e.g. us)	1	Protect vertically falling water drops (such as condensation water)
2	Protect objects bigger than 12mm (e.g. finger)	2	Protect vertically falling water drops when the enclosure is tilted up to 15°
3	Protect objects bigger than 2.5mm (e.g. wires)	3	Protected against splashing water
4	Protect objects bigger than 1.0mm (e.g. wire or stick)	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 temporary immersion in water

S1K3606

Cam code	BH	L	ERP
S1K36N06	-6	36	S1K36N06001

S1M3300

Cam code	BH	L	ERP
S1M3300	0	33	S1M33Y00002

S1D Series (Left)

Cam code	BH	L	ERP
S1'D5600Z	0	56	S1D56Y00002
S1'D560Z	8	56	S1D56Y08002
S1'D5612Z	12	56	S1D56Y12002

S2B1800			ERP
	Cam code S2B1800 two-point steel bolt component	2892180009	

Technical drawing of the S3B6500 cam. The drawing includes a side view, a top view, and a cross-section view. The side view shows a cam profile with a central slot and two side slots. The top view shows the cam's footprint with dimensions: total width 24, two 20mm segments, and a central 4.2mm slot. The cross-section view shows a 2.5mm thickness. The cam is labeled S3B6500.

Technical drawing of the S2C2400 component, showing a perspective view and two cross-sectional views with dimensions.

Dimensions:

- Overall width: 56
- Overall height: 48
- Top hole diameter: 8
- Bottom hole diameter: 8
- Central hole diameter: 10
- Top hole offset from center: 13
- Bottom hole offset from center: 13
- Top hole radius: R1.9
- Bottom hole radius: R14.8

Cam code	BH	L	ERP
S3H6028	13.5/18.5/23.5/28.5	60	S3H60CY2801

S1D Series (Right)

Cam code	BH	L	ERP
S1D5600Y	0	56	S1D56Y00000
S1D5608Y	8	56	S1D56Y08005
S1D5612Y	12	56	S1D56Y12005
S1D5618Y	18	56	S1D56Y18005
S1D5628Y	28	56	S1D56Y28005

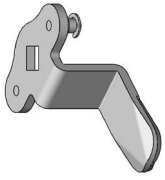
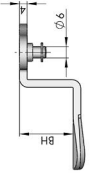
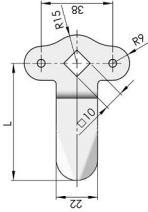
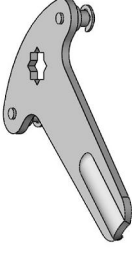
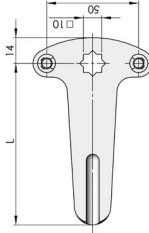
S2C Series

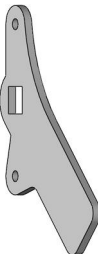
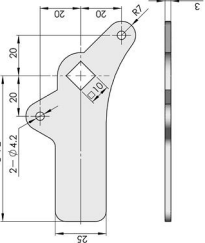
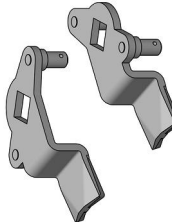
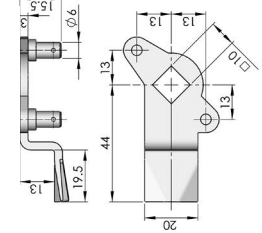
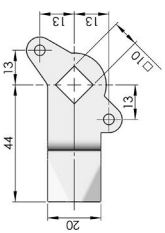
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S2C2000	23	40	2893200002
S2C2500	24	50	2893250004

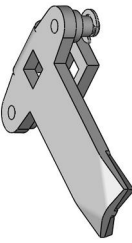
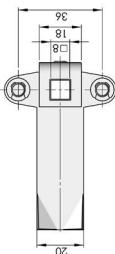
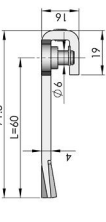
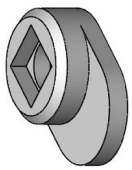
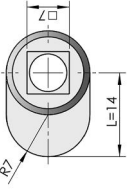
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S3BG300A	0	63	2682630024

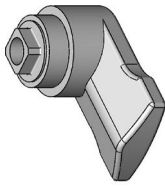
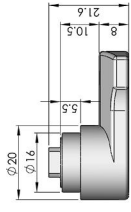
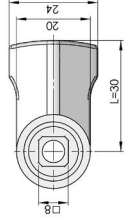
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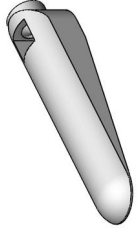
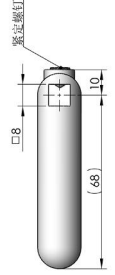
Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
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S3C Series				Cam code	BH	L	ERP
				S3C6527	27	65	2883652704
S3C Series				Cam code	BH	L	ERP
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				S3C7000	0	70	2883700042
				S3C8800	0	88	2883880001

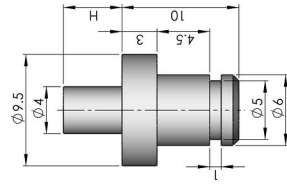
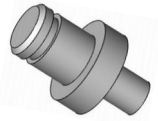
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S3C4413 Series				Cam code	BH	L	ERP
				S3C4413Z	13	44	2883441302

S3B6000A				Cam code	BH	L	ERP
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S1A1403X				Cam code			ERP
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S1B3011D				Cam code	L	ERP
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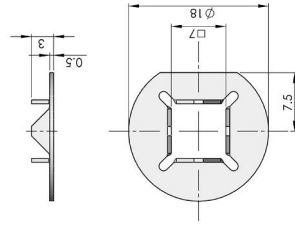
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PN0011
PN0012



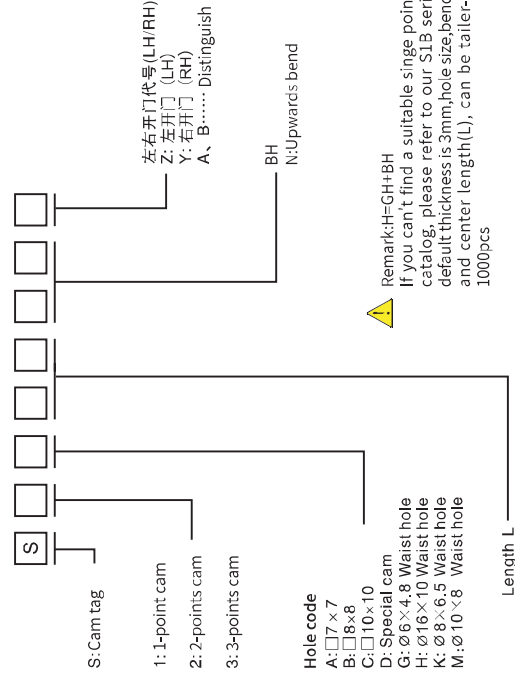
Part code	H	Remark	ERP
PN0011	H-4	Suitable cam thickness 3mm	35800110019
PN0012	H-5	Suitable cam thickness 4mm	35800120029

A1001

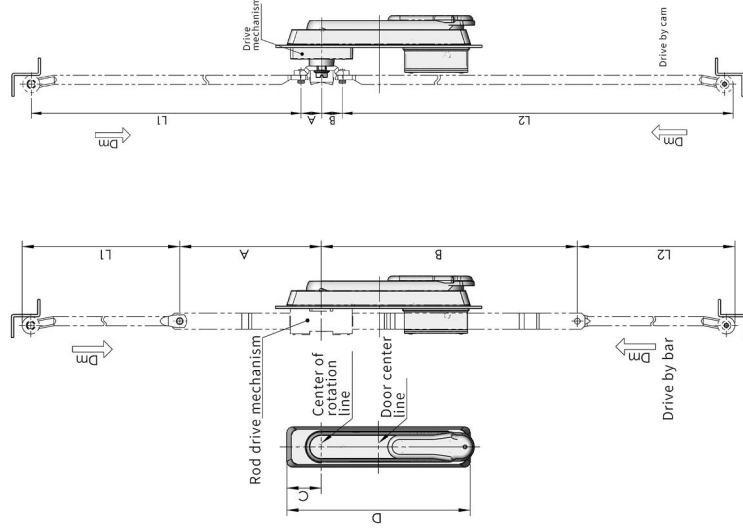


Change cam cut out 8mm to 7mm

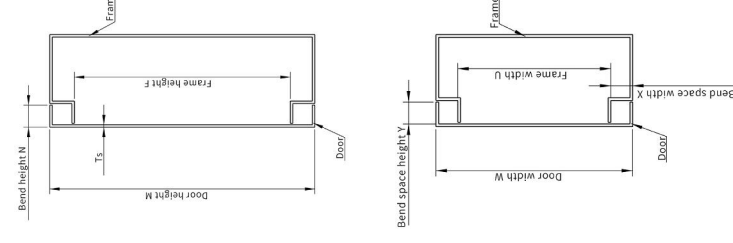
Cam code specification



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 rotation part:

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

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

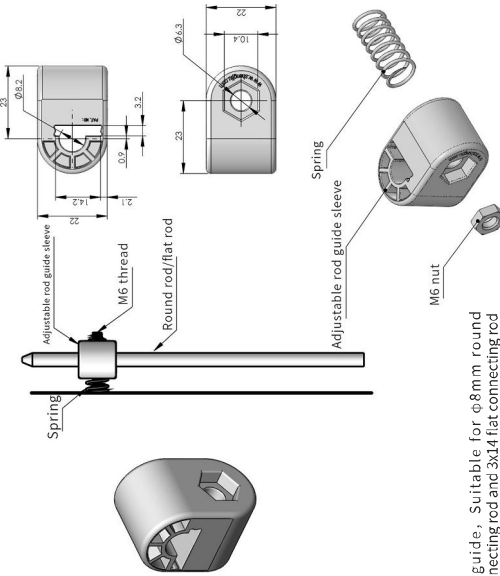
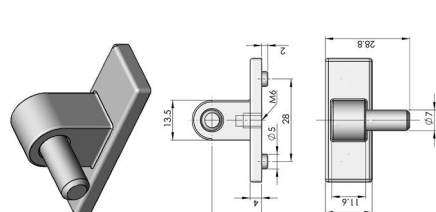
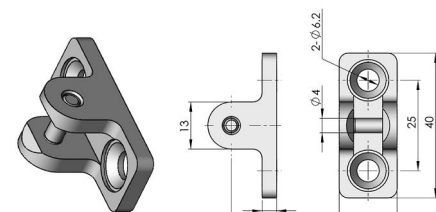
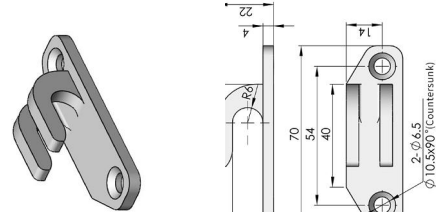
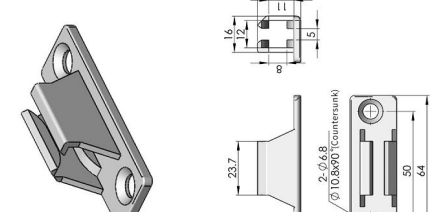
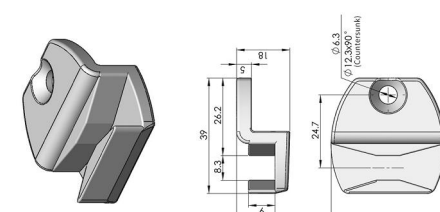
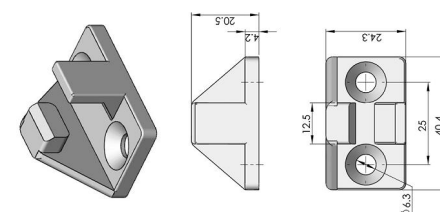
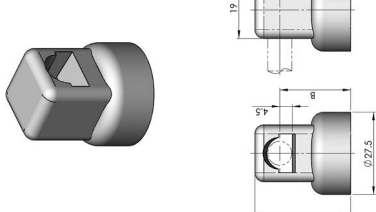
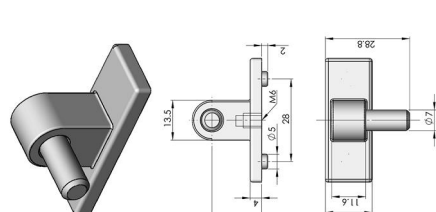
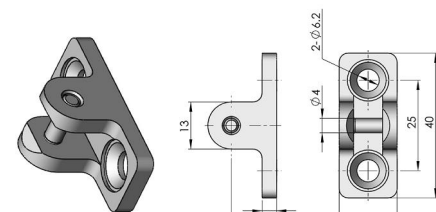
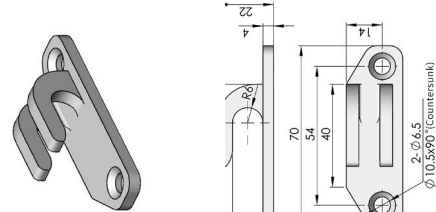
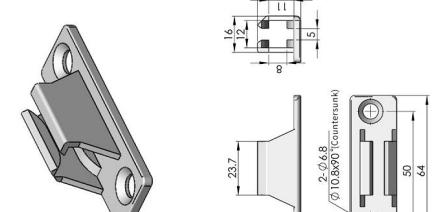
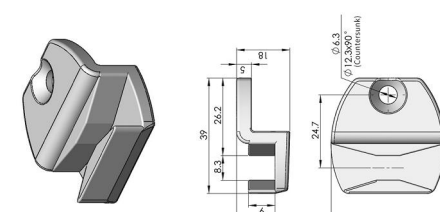
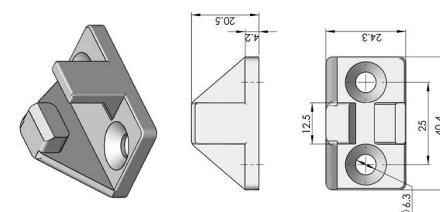
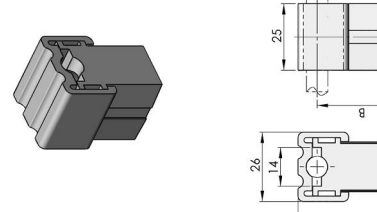
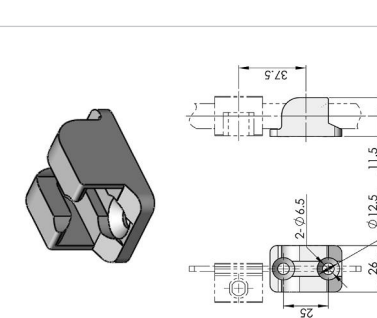
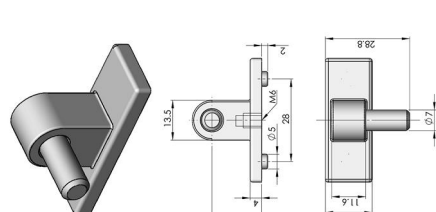
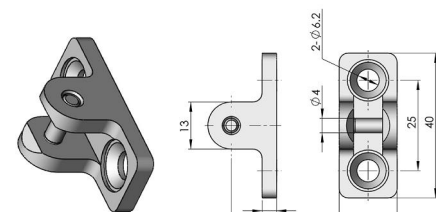
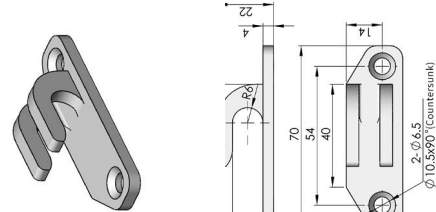
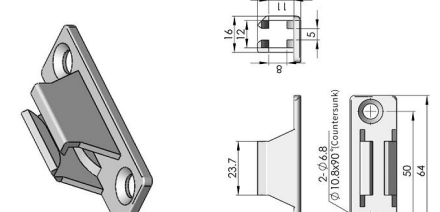
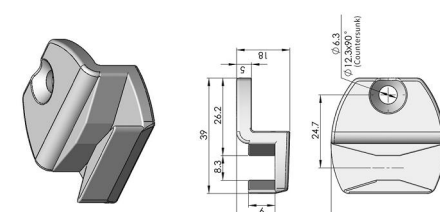
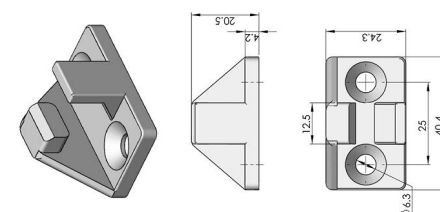
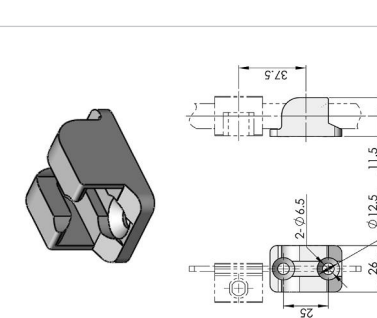
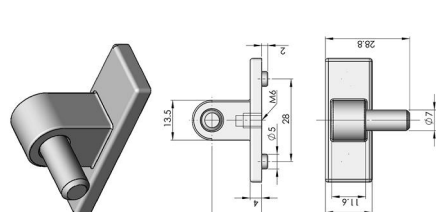
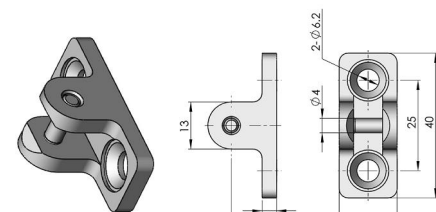
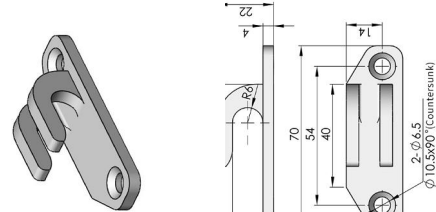
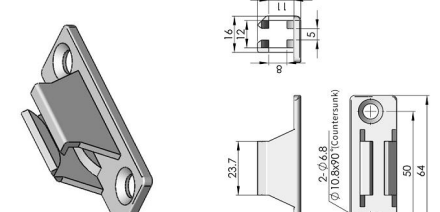
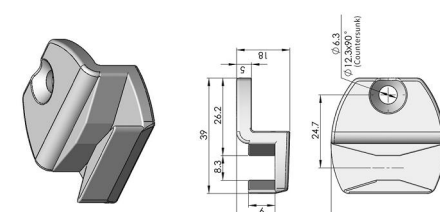
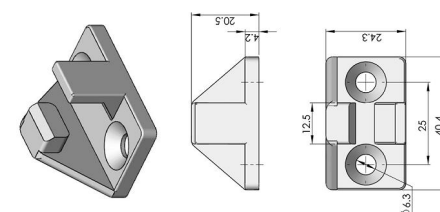
Note: If there is a connector (such as LG002-1), the effective length of the connector shall be subtracted; The calculation method is suitable for calculating the length of the connecting rod installed in the sealing strip. The calculation method is for reference only. The actual installation condition of the connecting rod should be considered when using.

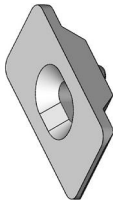
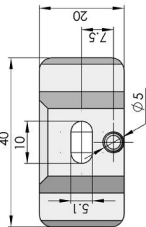
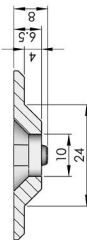
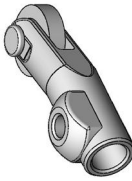
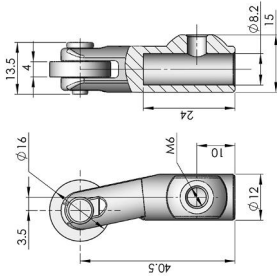
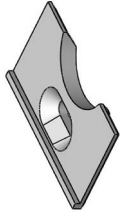
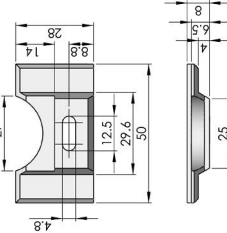
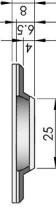
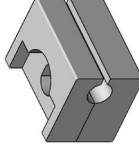
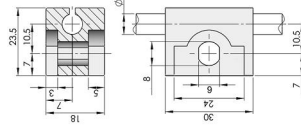
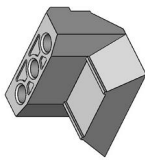
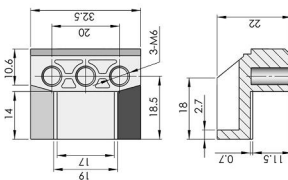
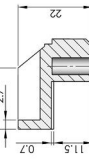
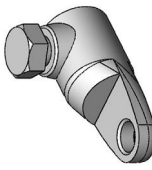
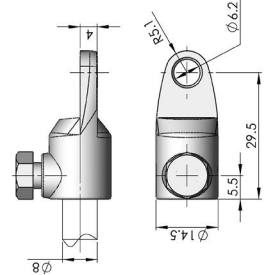
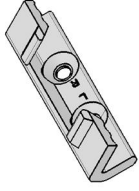
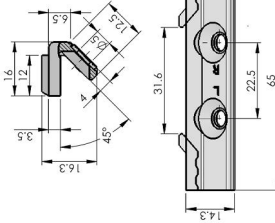
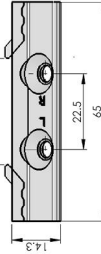
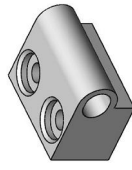
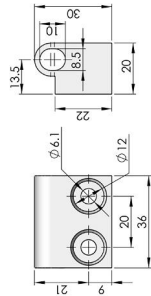
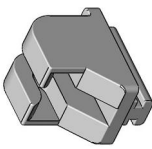
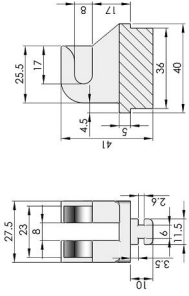
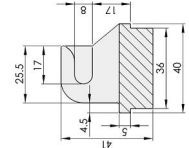
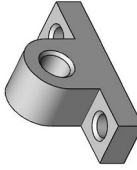
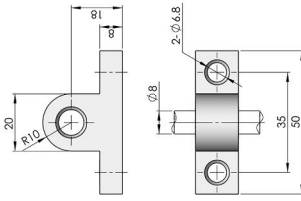
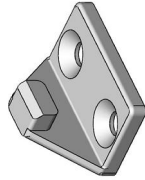
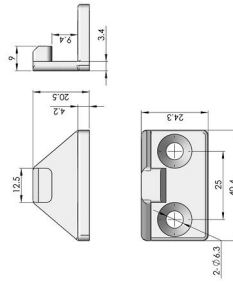
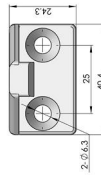
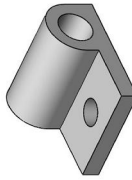
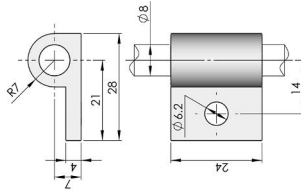
Dm: The code of driving distance

F: Door frame height

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LG001-1			Zinc-plated steel cone-round rod ERP LG001F3D0000416 Note: Please specify length of connecting rod "L" when ordering							
LG001-2			Zinc-plated steel match with PA roller round rod ERP LG001F3D0000004 Note: Please specify length of connecting rod "L" when ordering							
LG002-2-1			Note: Fixed with screws and flat drive strips, the connecting rod can be adjusted in length by changing the fixing holes; each hole movement can adjust 5mm Galvanized steel adjustable fixed connecting rod, zinc alloy connector, PA roller, external installation of sealing strip; please refer to the attachment diagram for accessory selection 物料号 ERP LG002F3D0000002 Note: Please specify the length "L" of the connecting rod when ordering							
LG003			Note: Screw and flat drive bar are connected and fixed. The length of the connecting rod can be adjusted by changing the fixed hole. Adjustable 5mm for each hole moved. Zinc-plated steel adjustable round rod. ERP LG003F3D0000226 Note: Please specify length of connecting rod "L" when ordering							

[illegible]

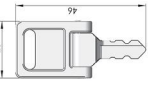
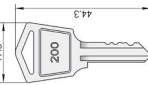
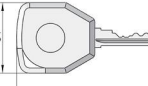
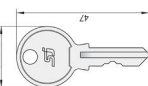
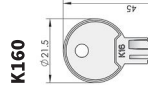
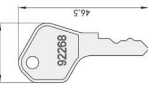
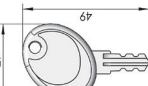
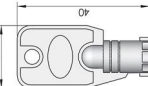
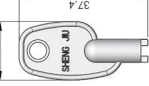
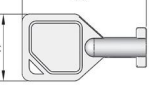
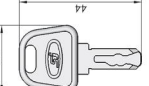
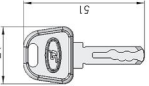
Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket																																																
RG010		PA guide, Suitable for ø8mm round connecting rod and 3x14 flat connecting rod <table><tr><th>ERP</th><th>Material</th></tr><tr><td>111010001</td><td>Black PA</td></tr></table>	ERP	Material	111010001	Black PA		Zinc plated ZDC catcher, zinc plated steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030003</td><td>ZDC</td></tr></table>	ERP	Material	1110030003	ZDC		Zinc plated ZDC catcher, stainless steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030004</td><td>ZDC</td></tr></table>	ERP	Material	1110030004	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030005</td><td>ZDC</td></tr></table>	ERP	Material	1110030005	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030006</td><td>ZDC</td></tr></table>	ERP	Material	1110030006	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030007</td><td>ZDC</td></tr></table>	ERP	Material	1110030007	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030009</td><td>ZDC</td></tr></table>	ERP	Material	1110030009	ZDC																
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1110030007	ZDC																																																									
ERP	Material																																																									
1110030009	ZDC																																																									
RG002		Black PA guide, nut inside <table><tr><th>ERP</th><th>A</th><th>B</th><th>Welding screw size</th><th>Material</th></tr><tr><td>1110020001</td><td>32</td><td>24</td><td>M6x16</td><td rowspan="3">ZDC</td></tr><tr><td>1110020002</td><td>38</td><td>30</td><td>M6x20</td></tr><tr><td>1110020003</td><td>42</td><td>34</td><td>M6x20</td></tr></table>	ERP	A	B	Welding screw size	Material	1110020001	32	24	M6x16	ZDC	1110020002	38	30	M6x20	1110020003	42	34	M6x20		Zinc plated ZDC catcher, zinc plated steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030003</td><td>ZDC</td></tr></table>	ERP	Material	1110030003	ZDC		Zinc plated ZDC catcher, stainless steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030004</td><td>ZDC</td></tr></table>	ERP	Material	1110030004	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030005</td><td>ZDC</td></tr></table>	ERP	Material	1110030005	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030006</td><td>ZDC</td></tr></table>	ERP	Material	1110030006	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030007</td><td>ZDC</td></tr></table>	ERP	Material	1110030007	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030009</td><td>ZDC</td></tr></table>	ERP	Material	1110030009	ZDC		
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RG002-A		Black PA guide, nut inside, match with flat rod <table><tr><th>ERP</th><th>A</th><th>B</th><th>Welding screw size</th><th>Material</th></tr><tr><td>1110021102</td><td>32</td><td>24</td><td>M6x16</td><td rowspan="2">ZDC</td></tr><tr><td>1110021103</td><td>38</td><td>30</td><td>M6x20</td></tr></table>	ERP	A	B	Welding screw size	Material	1110021102	32	24	M6x16	ZDC	1110021103	38	30	M6x20		BlackZDC clip catcher, PA pin; suitable for Zimm door plate <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030002</td><td>ZDC</td></tr></table>	ERP	Material	1110030002	ZDC		Zinc plated ZDC catcher, zinc plated steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030003</td><td>ZDC</td></tr></table>	ERP	Material	1110030003	ZDC		Zinc plated ZDC catcher, stainless steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030004</td><td>ZDC</td></tr></table>	ERP	Material	1110030004	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030005</td><td>ZDC</td></tr></table>	ERP	Material	1110030005	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030006</td><td>ZDC</td></tr></table>	ERP	Material	1110030006	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030007</td><td>ZDC</td></tr></table>	ERP	Material	1110030007	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030009</td><td>ZDC</td></tr></table>	ERP	Material	1110030009	ZDC
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RG003-1		BlackZDC clip catcher, PA pin; suitable for Zimm door plate <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030002</td><td>ZDC</td></tr></table>	ERP	Material	1110030002	ZDC		Zinc plated ZDC catcher, zinc plated steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030003</td><td>ZDC</td></tr></table>	ERP	Material	1110030003	ZDC		Zinc plated ZDC catcher, stainless steel pin; fix with M6 screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030004</td><td>ZDC</td></tr></table>	ERP	Material	1110030004	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030005</td><td>ZDC</td></tr></table>	ERP	Material	1110030005	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030006</td><td>ZDC</td></tr></table>	ERP	Material	1110030006	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030007</td><td>ZDC</td></tr></table>	ERP	Material	1110030007	ZDC		Zinc plated ZDC catcher, fix with M6 countersunk head screw, match with the rod with roller <table><tr><th>ERP</th><th>Material</th></tr><tr><td>1110030009</td><td>ZDC</td></tr></table>	ERP	Material	1110030009	ZDC																
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Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket		
RG005-3				Cam catcher; match with SIA1403	ERP 1110050003	Material Zinc material	RG007			ZDC connect cover, nylon roller, match with LG001-L, LG003	ERP 1110070001	Material Zinc material/PA
	RG005-2				Cam catch; match with SIA1403;	ERP 1110050002		Material Zinc material	RG006-2			PA guide
RG005-1					ZDC catcher; match with LG002-1/2;	ERP 1110050001	Material Zinc material	RG006-1				Zinc plated ZDC connect accessories, Zinc plate M6 screw
	RG003-15					ERP 2240030001	Material Zinc material		RG004-3			Black ABS guide
RG003-11					Zinc plated ZDC catcher; fix with board,match with locking pin flat rod	ERP 1110030012	Material ZDC	RG004-2				PA guide
	RG003-10				Zinc plated ZDC catcher;fix with M6 countersunk head screw	ERP 1110030010	Material ZDC		RG004-1			PA guide

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
WP003			ERP	Material						
			1150030001	Black PA						
WP002			ERP	Material						
			1150020001	Black PA						
WP001			ERP	Material						
			1150010001	Black PA						
RG015-2			ERP	Material						
			1110150002	Black PA						
RG015			ERP	Material						
			1110150001	Black PA						
RG008			ERP	Material						
			1110080001	Black PA						
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-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								
WP007				ERP	Material					
	1150070001			Black PE						
HP001				ERP	Material					
				1150030001	Black PA					

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
HP003										
Black PP handle pull										
Screw										
A3001										
A3002										
A3003										
Zinc plated steel seating, application for locks similar with MS705										
ERP										
Q235(Zinc plated)										
M6 x 8										
M6 x 10										
M6 x 27										
M6 x 55										
H										
Ø14.5										
M6										
H										
Ø16.5										
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Key Series

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

Unique key list

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

Door Stopper Series

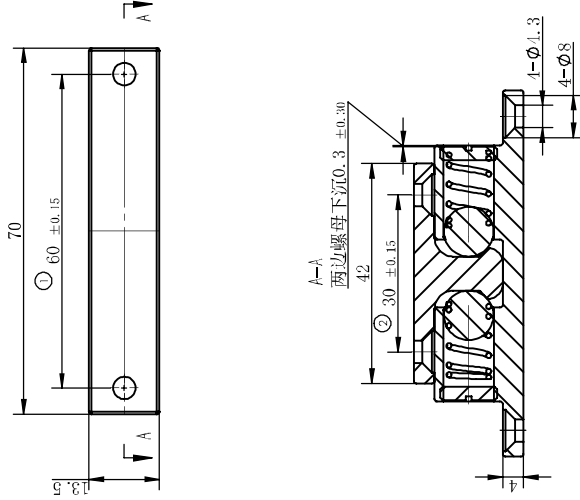
L-32-1D



New

Specification

Material: Main body made of zinc alloy
Surface Treatment: Bright chrome plating
Performance Details
Recommended Pull Force:
Approximately 8.5 kg



ERP 1110320001

Lock Core Series

FA0047



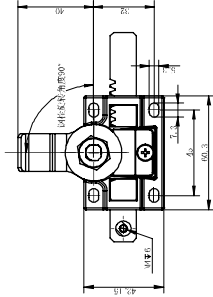
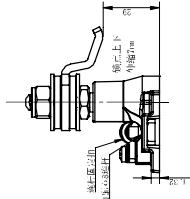
New

Specification

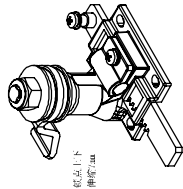
Material: Zinc alloy base, SUS304 wire
Surface treatment: Base with high salt spray resistance black, wire passivation
Note: The product meets neutral salt spray 2H, damp heat 22H as a cycle, alternating salt spray for 720H

Performance Details

Mechanical performance requirements
 (room temperature):
 Rack can withstand tension: $\leq 700N$
 Wire load capacity: $\leq 500N$



FA0047-Z 锁扣组件



FA0047-Y 锁扣组件

Part number	ERP
FA0047-Z Lock Buckle Component	1170470001
FA0047-Y Lock Buckle Component	1170470002

HANDLE LOCK SERIES

 MS301	 MS304	 MS305	 MS306	 MS307
 MS308	 MS310	 MS312	 MS313	 MS314
 MS315	 MS316	 MS317	 MS319	 MS320
 MS324	 MS353	 MS807-1	 MS842	 MS859
 MS868	 MS887-1	 MS887-2	 MS887-3	 MS887-4

MS301-1



MS302-1



MS302-2



Specification

Material: Zinc alloy housing, handle, steel cam, button, shaft, ABS cover
Finish: Chrome plated housing, handle, white zinc, plated cam, button, shaft
Application: Quarter-turn opening or closing
Remark: Default key K050

Default cam: S1H48Y19002

Performance Details

Max static load: 220N
Screw tightening torque: 20N.m
Max torque: 15N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

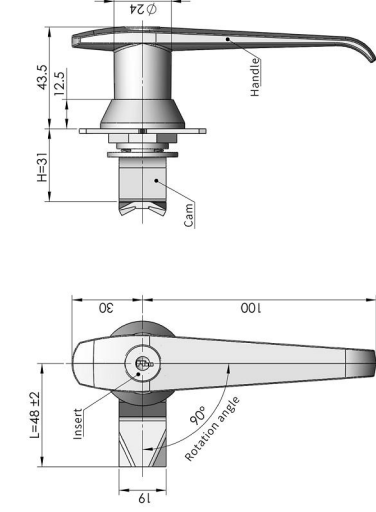
Handles

Door stop

Hinge

Seal gasket

MS304



Remark: cut out, left and right adjustment, cam refer to MS301

Specification	Part number	ERP
with lock core	MS304	MS304Z3A050008



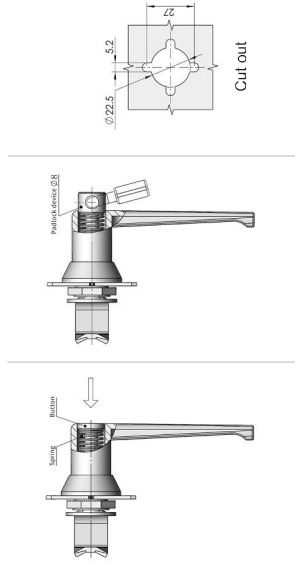
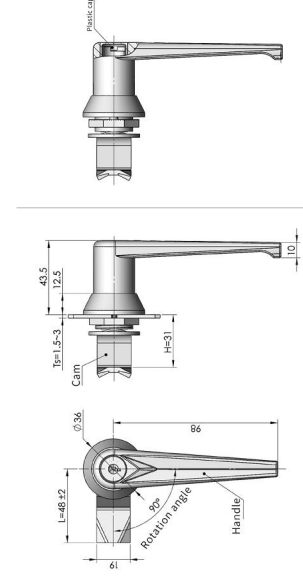
Specification

Material: Zinc alloy handle, housing, steel cam
Finish: Chrome plated handle, housing, white zinc plated cam
Application: Quarter-turn opening or closing
Remark: Default key K050

Default cam: S1H48Y19002

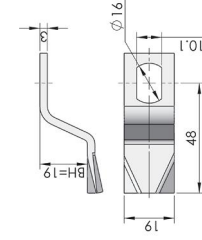
Performance Details

Max static load: 220N
Screw tightening torque: 20N.m
Max torque: 15N.m

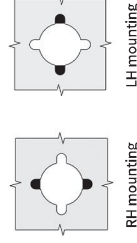


Cut out

Cam S1H4819 (Optional)



Remark: shadow part is positioning status for the housing on frame
Handle rotate right to open with vertical positioning
Handle rotate left to open with horizontal positioning



Specification	Part number	ERP
With lock core	MS301-1	MS301Z3A050008
Without lock core	MS301-2	MS301Z3A000001
With button	MS302-1	MS302Z3A000001
With padlock	MS302-2	MS302Z3A000008

Remark: Default cam S1H4819

MS306



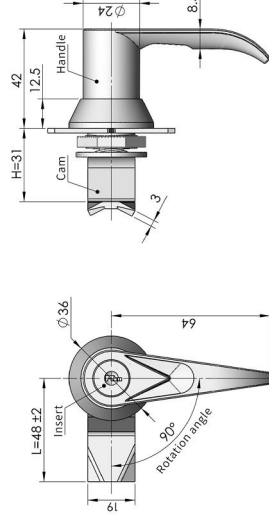
Specification

Material: Zinc alloy handle, housing, steel cam, button, pin
Finish: Chrome plated handle, housing, button, pin, white zinc plated cam
Application: Quarter-turn opening or closing
Remark: Default key K050

Default cam: S1H48Y19002

Performance Details

Max static load: 220N
Screw tightening torque: 20N.m
Max torque: 15N.m



Remark: cut out, left and right adjustment, cam refer to MS301

Specification	Part number	ERP
with lock core	MS306-1	MS306Z3A050005
without lock core with button	MS306-2	MS306Z3A000007
	MS306-3	MS306Z3A000002

Remark: Default cam S1H4819

MS307



RL **IP54**

Specification

Material: Zinc alloy handle, housing, steel cam
Finish: Chrom plated handle, housing, White zinc plated steel
Application: Quarter-turn opening or closing
Remark: Default key K050

Default cam: S1H48Y19002

Performance Details

Max.static load: 220N
Screw tightening torque: 20N.m
Max.torque: 15N.m

MS308-2



RL **IP54**

Specification

Material: Zinc alloy handle, housing, steel cam
Finish: Chromed plated handle, housing, zinc plated cam white
Application: Quarter-turn opening or closing
Remark: Nokey, cut out same to MS308

Performance Details

Max.static load: 220N
Screw tightening torque: 20N.m
Max.torque: 15N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

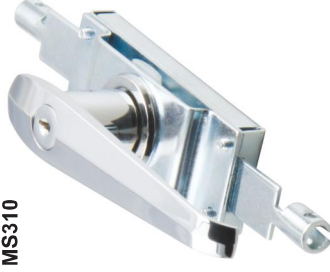
Handles

Door stop

Hinge

Seal gasket

MS310



R **L**

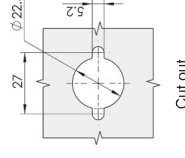
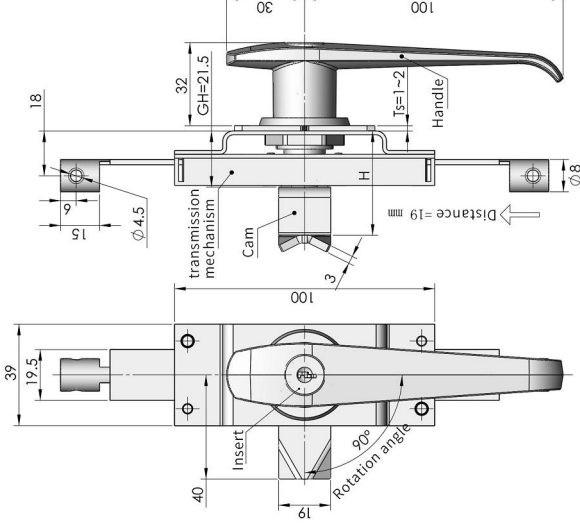
Specification

Material: Zinc alloy handle, housing, steel cam, multipoint linear actuator
Finish: Bright chrome plated handle, housing, white zinc plated cam, multipoint linear actuator
Application: Handle rotate 90 degree combine with multipoint linear actuator and cam
Remark: Default key K050

Default cam: S1C42Y24001

Performance Details

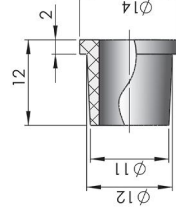
Screw tightening torque: 20N.m
Max.torque: 15N.m



ERP MS310Z3A050002

Remark: Default cam S1C4224

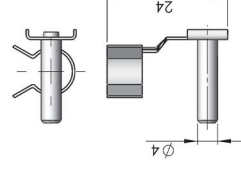
Plastic cover(Optional)



ERP

3593100001

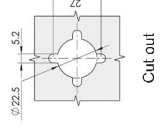
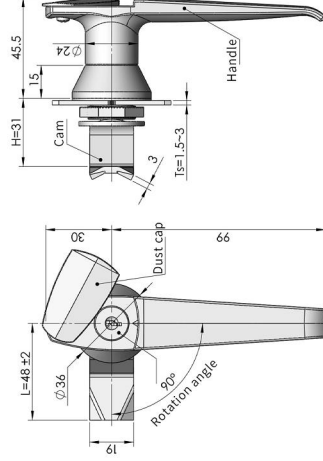
Rod fixing cover(Optional)



ERP

3433100001

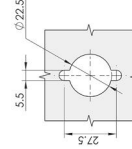
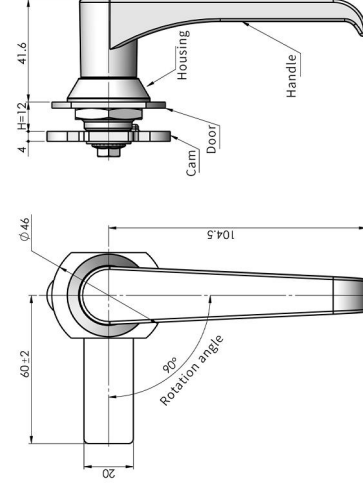
Remark: left and right adjustment and cam optional refer to MS301



ERP

MS207Z3A050011

Remark: Default cam S1H4819



ERP

MS308Z3A000004

MS313



R L

Specification

Material: Zinc alloy handle, housing, lock core, steel pin
Finish: Bright chrome plated handle, housing, lock core, white zinc plated pin
Application: Quarter-turn opening or closing
Remark: Default key K280

Performance Details

Handle load tension capacity: 1750 N
Screw tightening torque: 20N.m
Max torque: 15N.m

MS314



RL

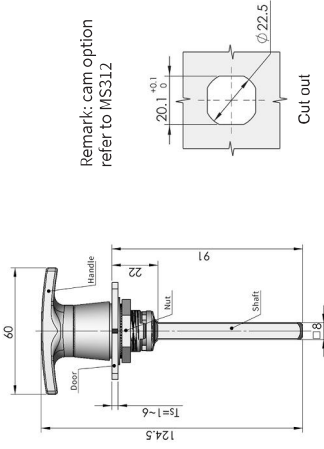
Specification

Material: Zinc alloy handle, housing, lock core, steel pin
Finish: Bright chrome plated handle, housing, lock core, white zinc plated pin
Application: Quarter-turn opening or closing
Remark: Default key K280

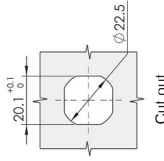
Performance Details

Handle load tension capacity: 1750 N
Screw tightening torque: 20N.m
Max torque: 15N.m

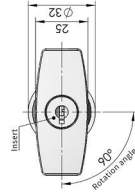
MS312



Remark: cam option refer to MS312



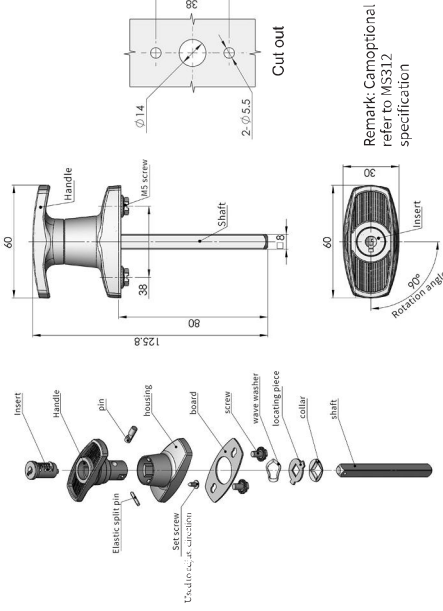
Cut out



Rotation angle

Specification	Part number	ERP
With lock core	MS313-1	MS313Z3A280005
Without lock core	MS313-2	MS313Z3A000005

Remark: cam is not included in above ERP



Remark: Cam optional refer to MS312 specification

Specification	Part number	ERP
With lock core	MS314-1	MS314Z3A280006
Without lock core	MS314-2	MS314Z3A000005

Remark: cam is not included in above ERP

MS315



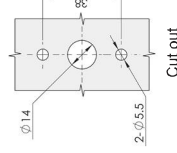
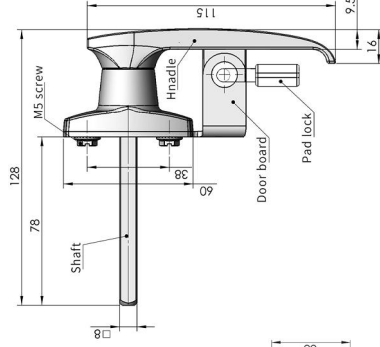
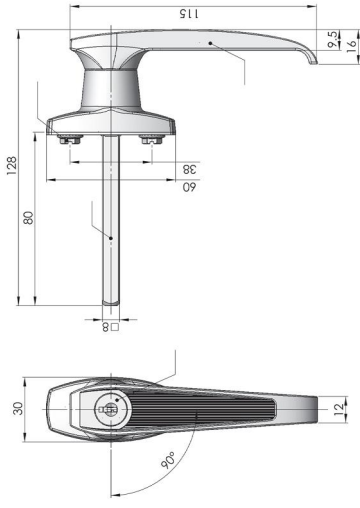
RL

Specification

Material: Zinc alloy handle, housing, lock core, steel pin, stainless steel fix plate
Finish: Bright chrome plated handle, housing, lock core, white zinc plated pin
Application: Quarter-turn opening or closing
Remark: Default key K280

Performance Details

Handle load tension capacity: 780 N
Screw tightening torque: 5N.m
Max torque: 15N.m



Cut out

Remark: optional cam refer to MS312 left and right adjusted via screw positioning refer to MS314

Specification	Part number	ERP
With lock core	MS315-1	MS315Z3A280005
Without lock core	MS315-2	MS315Z3A000005
Without lock core, with padlock RH	MS315-2A-Y	MS315Z3A000012
Without lock core, with padlock LH	MS315-2A-Z	MS315Z3A000013

Remark: cam is not included in above ERP

MS317



RL IP54

Specification

Material: Zinc alloy handle, housing, lock core steel cam, teeth washer
Finish: Bright chrome plated
Application: 60 degree rotation opening or closing
Remark: Default key K050

Default cam: S1B45Y00002

Performance Details

Handle load tension capacity: 140 N
Screw tightening torque: 20N.m
Max.torque: 15N.m

MS317-1A



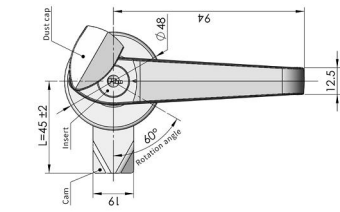
RL IP65

Specification

Material: Zinc alloy handle, housing, dust cap, lock core steel cam
Finish: Bright chrome plated
Application: 60 degree rotation opening or closing
Remark: Default key K110

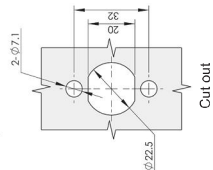
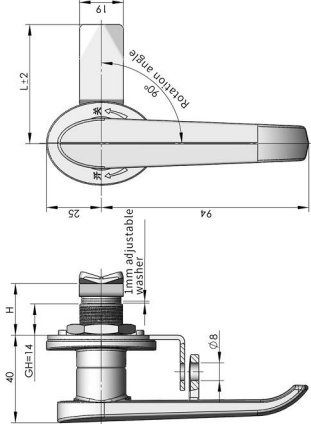
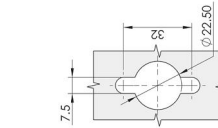
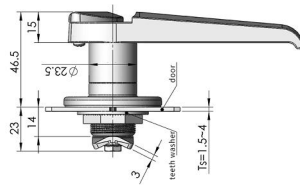
Performance Details

Max.static load: 220N
Screw tightening torque: 20N.m
Max.torque: 15N.m



View of left rotation opening

View of right rotation opening



ERP MS317Z3A050011
Remark: Default cam S1B4500

ERP MS322ZB000003
Remark: Default cam S1B5406(Optional □8x8 cam)

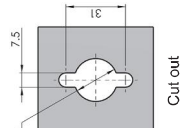
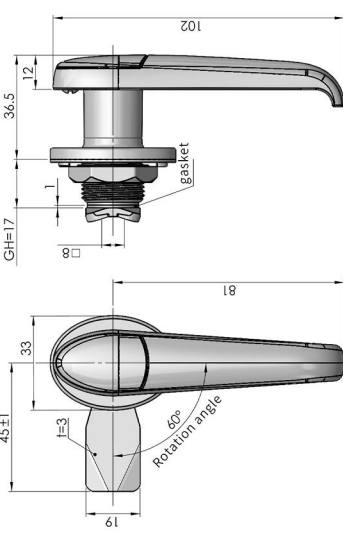
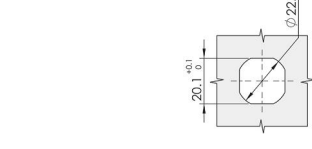
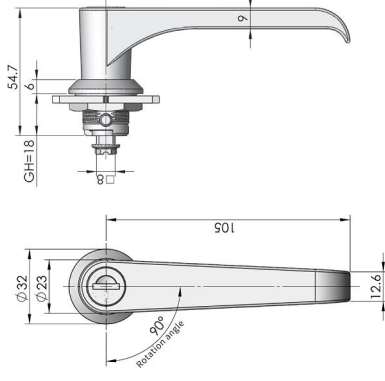
Remark: adjustment of GH via changing the position and the cam position

ERP MS317Z3A011001

MS324-Zinc alloy powder coated(black)

ERP MS324Z1A140010

Remark: Default cam S1B4507(optional □8x8 cam)



MS322-2



L IP65 3PL

Specification

Material: Zinc alloy housing, handle, steel padlock base cam
Finish: Nano meter housing, handle, white zinc plated padlock base cam
Application: Quarter-turn opening or closing, padlock available

Default cam: S1B54Y06001

Performance Details

Max.static load: 220N
Screw Tightening torque: 20N.m
Max.torque: 15N.m

MS324



RL IP54

Specification

Material: Zinc alloy handle, housing, steel cam
Application: Quarter-turn opening or closing
Remark: Default key K140

Default cam: S1B45Y07019

Performance Details

Max.static load: 230N
Screw tightening torque: 20N.m
Max.torque: 20N.m

MS324-2



Specification

Material: Zinc alloy handle and housing, steel cam
Finish: Powder coated (black) housing and handle, zinc plated cam
Application: Quarter-turn opening or closing
Remark: Default key: K140

Default cam: S1B45Y07020

Performance Details

Max. static load: 270N
Screw tightening torque: 20N·m
Max. torque: 20N·m

MS324-3



Specification

Material: Zinc alloy handle, housing, lock core and pin
Finish: Painted (black) housing and handle, bright chromed, lock core
Application: Handle turn 180 degree, handle bounce up and could rotation 360 degree
Remark: Default key: K58-3

Performance Details

Max. static load: 270N
Max. torque: 20N·m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS341-1



New

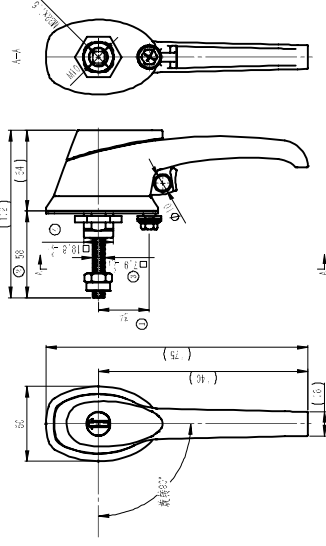
MS341-2



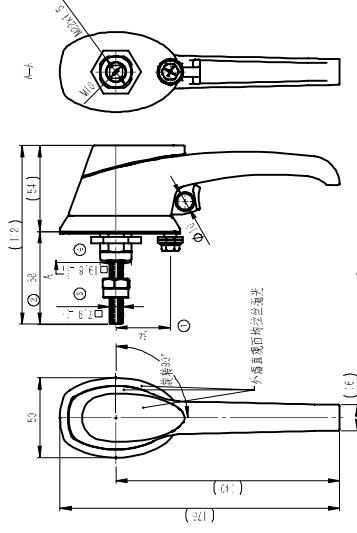
New

Specification

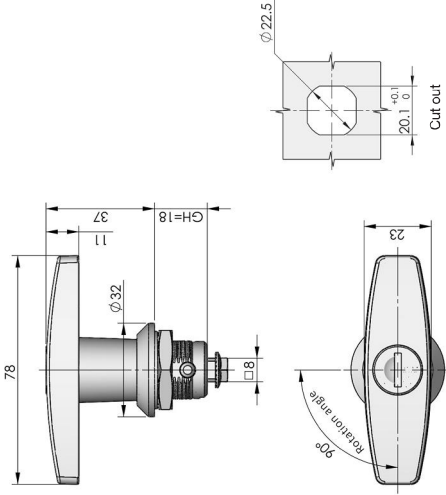
Material: SUS304
Surface treatment: brushed polishing
Locking method: rotary handle lock
Performance Details
Handle carrying torque: 35N·m
Handle bearing tension: 500N
Lock core failure torque: 8N·m



MS341-1

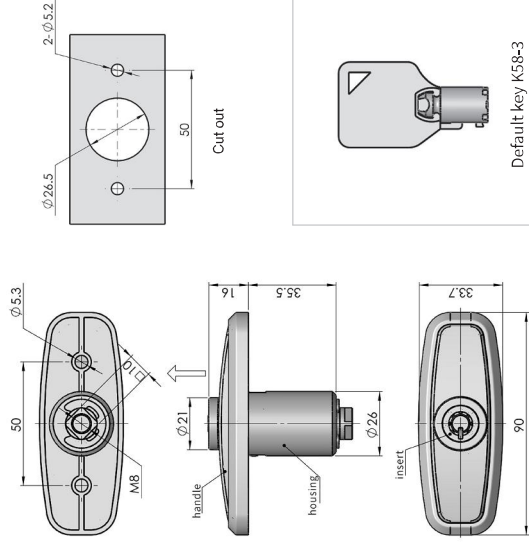


MS341-2



ERP	MS324-2 With lock core	MS324-2A Without lock core
	MS324Z1A140040	MS324Z1A000002

Remark: Default cam: DS1B4507 (Optional □8x8cam)



Default key: K58-3

ERP MS324Z2AE04007

Remark: Default cam: S1C7200

MS887-3F-2D



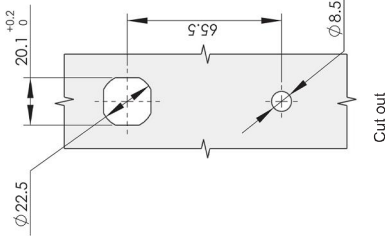
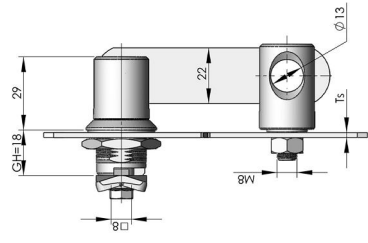
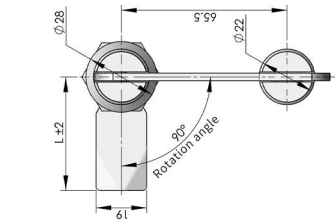
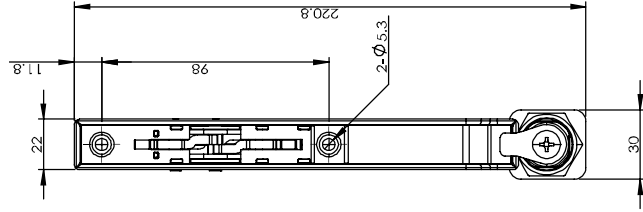
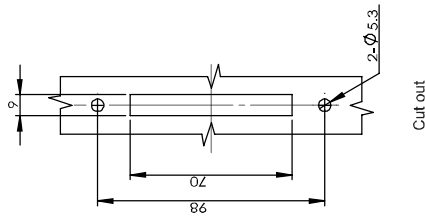
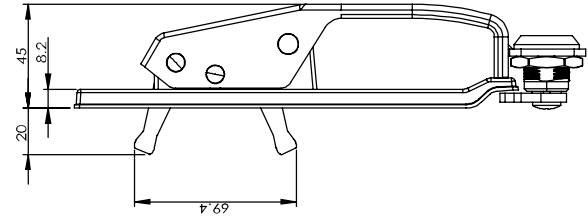
New

Specification

Material: Carbon steel base, handle
Surface treatment: spray black light
Note: Comes with K14 key

Performance Details

Handle bearing tension: 400



ERP MS887F1A140001

ERP MS351S4C000001

Remark: Default cam DS1B4500 (Optional L8x8 cam)

MS351



RL

IP54

INOX
AISI
316

Specification

Material: Stainless steel
Finish: Vibration grinding
Application: Quarter-turn opening or closing, padlock available

Default cam: S1B45Y00027

Performance Details

Max static load: 270N
Screw tightening torque: 20N.m

MS807-1



MS807-2



MS807-3



R L IP54

Specification

Material: Zinc alloy handle, housing, lock core and dust cap steel cam teeth washer and pin
Finish: White zinc plated cam
Application: cam adjustable
Remarks: Default key K050

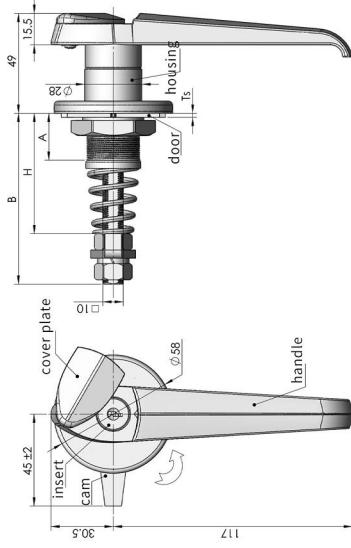
Default cam: S1C45Y00003(steel)

S1C45Y00004(stainless steel)

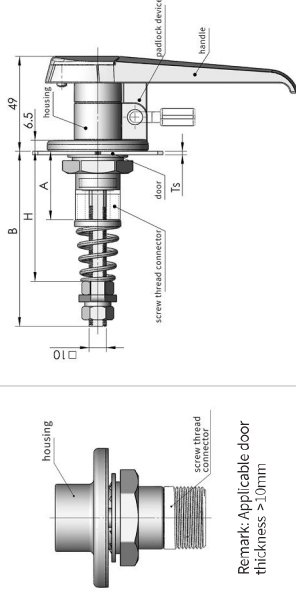
Performance Details

Max.static load: 242N
Screw tightening torque: 30N.m
Max.torque: 23N.m

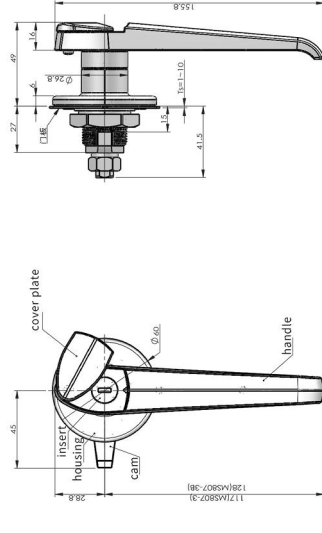
Default Key



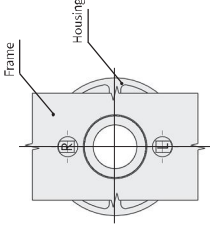
MS807-1



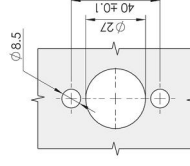
MS807-2



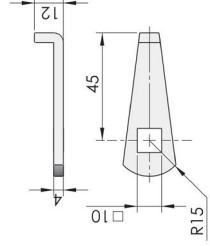
MS807-3



Remark: Posi levetioned via 180 rotation of housing to achieve RH and LH. A frame above is the back view after mounted on the frame



Cut out



Remark: cam cut out 10, other cam options refer to cam list on P007-P013

Specification	MS807-1 Series			
	Bright chrome plated housing, handle, cap	ERP	Stainless housing, handle, cap	ERP
A=23 B=83 H=45~58	MS807-1	MS807Z3A050029	MS807-1-B	MS807S4A050010
	MS807-1-Y	MS807Z3A050036		
	MS807-1-Z	MS807Z3A050039		
A=40 B=103 H=52~75	MS807-1-D1	MS807Z3A050002		
	MS807-1-V1	MS807Z3A050005		
	MS807-1-Z1	MS807Z3A050008		
A=63 B=103 H=75~80	MS807-1-D2	MS807Z3A050003	MS807-1-B-2	MS807S4A050012
	MS807-1-Y2	MS807Z3A050006		
	MS807-1-Z2	MS807Z3A050009		
Specification	MS807-2 Series			
	Bright chrome plated housing, handle, cap	ERP	Stainless housing, handle, cap	ERP
A=23 B=83 H=45~58	MS807-2	MS807Z3A050011	MS807-2-B-Y	MS807S4A050001
	MS807-2-Z	MS807Z3A050010	MS807-2-B-Z	MS807S4A050019
Specification	MS807-3 Series			
	Bright chrome plated housing, handle, cap	ERP	Stainless housing, handle, cap	ERP
A=23 B=83 H=45~58	MS807-3	MS807Z3A050017	MS807-3-B	MS807S4A050003
	MS807-3-Y	MS807Z3A050018	MS807-3-B-Y	MS807S4A050024
	MS807-3-Z	MS807Z3A050019	MS807-3-B-Z	MS807S4A050025

MS842



Specification

Material: Zinc alloy handle and housing, steel cam
stainless steel fix plate
Finish: Powder coated (black) handle and housing,
white zinc plated cam
Application: Quarter-turn opening or closing, padlock
available

Default cam: S1B45Y07002 (white zinc
plated) S1B45Y07022 (stainless steel)

Performance Details

Max static load: 270N
Screw tightening torque: 20N.m
Max torque: 25N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS859



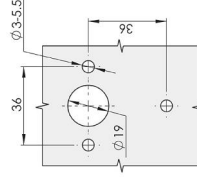
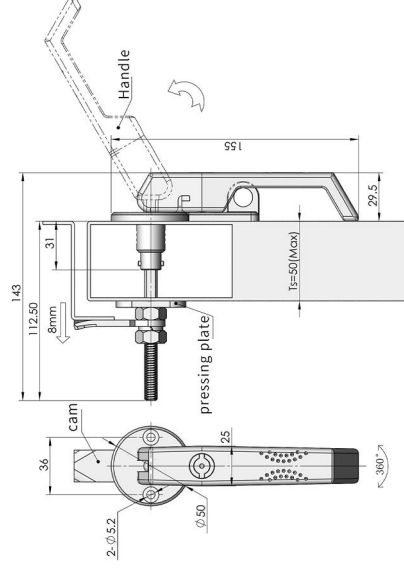
Specification

Material: PA handle, zinc alloy housing and lock core,
steel cam
Finish: Powder coated (black) housing, bright chrome
plated lock core, white zinc plated pin
Application: Lock via rotating handle 360 degree
Remarks: Optional key K15 series

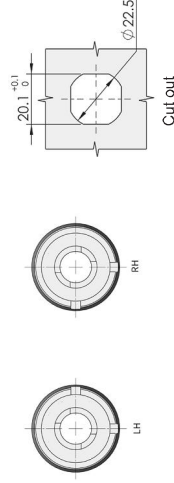
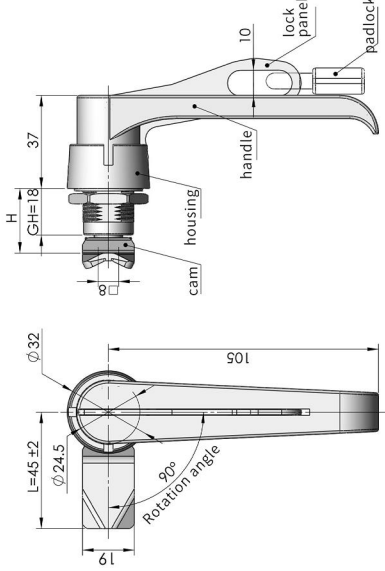
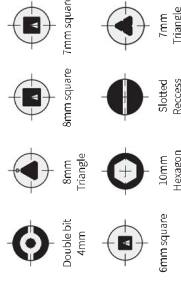
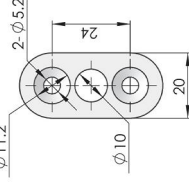
Default cam: S1B45Y00005 (TS=4)

Performance Details

Handle load tension capacity: 105N
Max static load: 220N
Max torque: 20N.m



Press Plate (Accessory)



Specification	Part number	ERP
Zinc alloy	MS842	MS842Z1B000003
Stainless steel	MS842-1B	MS842S4B000001

Remark: Default cam S1B4507 (Optional □ 8x8cam)

Specification	Part number	ERP
Double bit lock core	MS859-1-1	MS859Z1BT01001
8mm triangle lock core	MS859-1-2	MS859Z1BT04001

Remark: Default cam S1B4500 (Optional | 18x8cam)

MS868



Specification

Material: ALU handle, fixing plate, zinc alloy housing, steel cam
Finish: Powder coated (black) handle, fixing plate, housing white zinc plated cam
Application: Quarter-turn opening or closing, padlock available

Default cam: 2882450603

Performance Details

Max. static load: 270N
 Max. torque: 20N.m

MS887-1



Specification

Material: Zinc alloy housing and handle, steel cam
Finish: Powder coated (black) housing, handle white zinc plated cam
Application: Handle combines with latch

Performance Details

Handle load tension capacity: 100N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS887-2

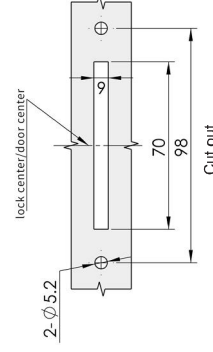
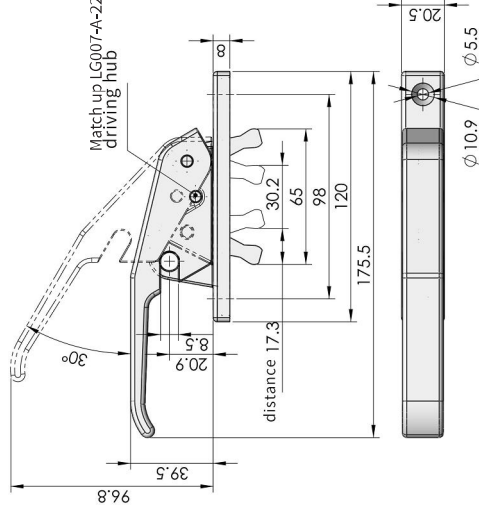


Specification

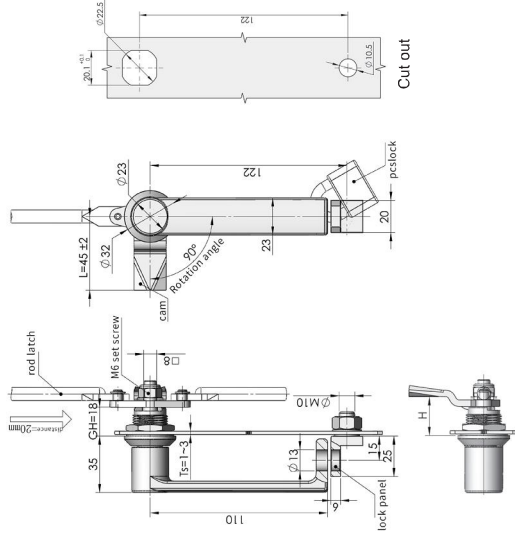
Material: ALU housing and handle, steel cam
Finish: Powder coated (blue grey) housing and handle white zinc plated cam
Application: Handle combines with latch

Performance Details

Handle load tension capacity: 100N

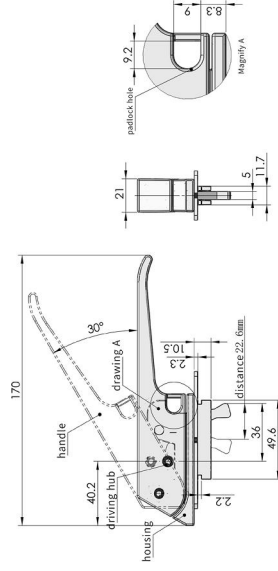


Remark: Lock driving part designed by user

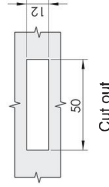


ERP MS868Z1A000001

Remark: Default key DS3B4506 (Optional L8x8cam)



Remark: Lock driving part designed by user



ERP

MS887Z1A000001

ERP

MS887A1D000001

MS887-3



Specification

Material: Zinc alloy housing, handle, and lock core
Finish: Powder coated (blue grey RAL 7012)
Application: Handle combines with latch rod system is just for reference, generally designed by user
Remark: Optional key K15 series

Performance Details

Handle load tension capacity: 1350N

MS887-3F

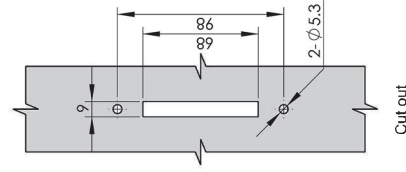
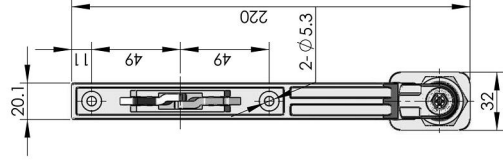
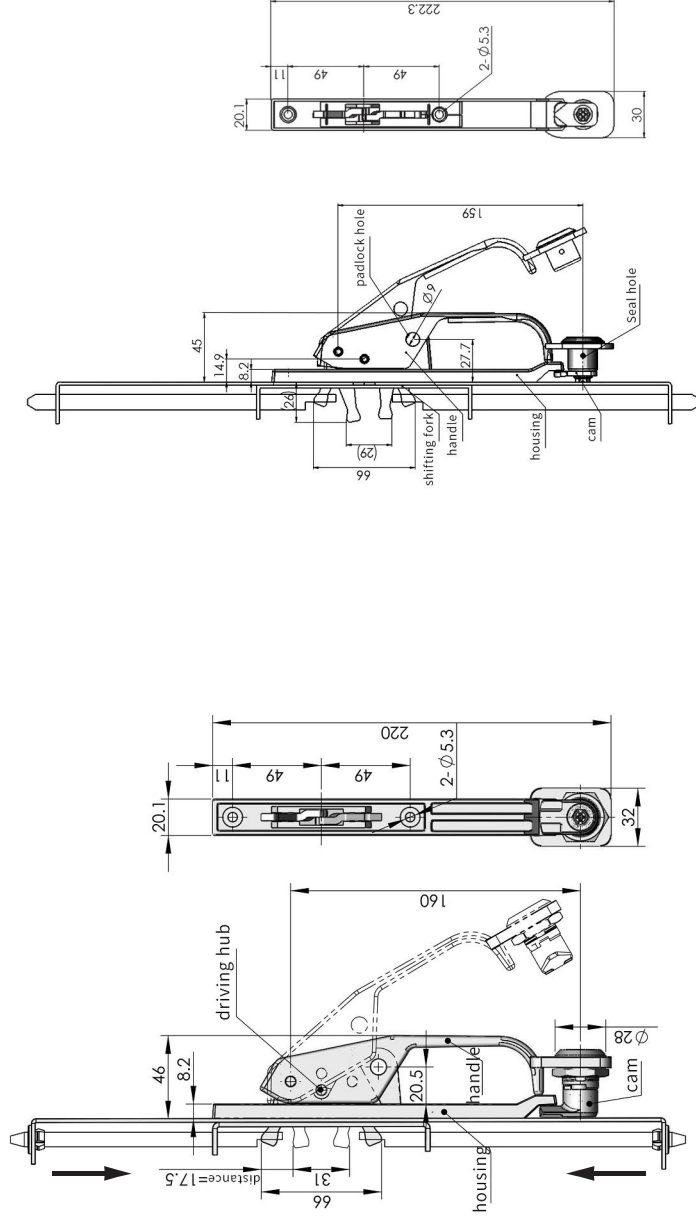


Specification

Material: Steel housing, handle
Finish: Powder coat (DE77780)
Application: Handle combines with latch, rod system on sketch is just for reference only, generally designed by users

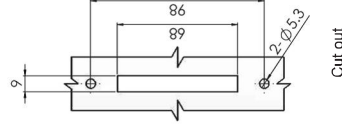
Performance Details

Handle load tension capacity: 300N

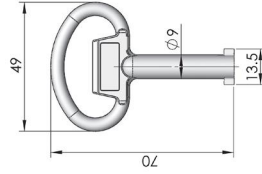


Cut out

Select K15 series key according to different types of inserts



Cut out



MS887F2DT02001

ERP

3290151001

ERP

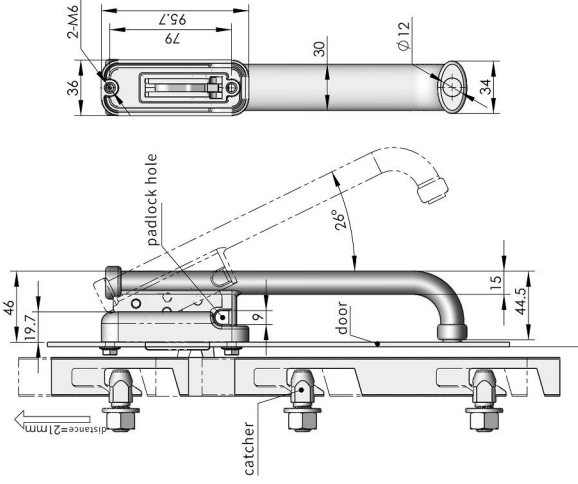


Specification

Material: Zinc alloy housing, handle
Finish: Powder coat (blue grey RAL 7012)
Application: Handle combines with latch, rod system on sketch is just for reference only, generally designed by users

Performance Details

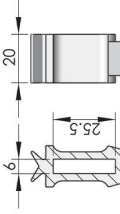
Handle load/tension capacity: 1800N



ERP MS887Z1D0000001

ERP MS887Z1D0000001

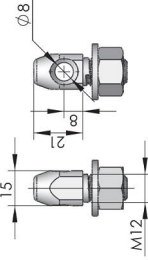
PA Guider (Optional)



ERP 1180006001

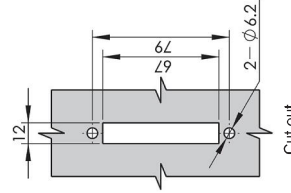
ERP 1180006001

Catcher (Optional)



ERP	1180005001
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ERP	1180005001
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CAM LATCHES/LOCKS

	MS714-3		MS739		MS801-1		MS816-3S		MS733		MS802		MS826		MS772
	MS714-2		MS735		MS812		MS816-2		MS729		MS760		MS825		MS767
	MS705-K01		MS761		MS750		MS816-1		MS809		MS748		MS824		MS754
	MS705-3U		MS734		MS845		MS811-6		MS706		MS745-2		MS815-3		MS753
	MS705-3E		MS763		MS844		MS811-5		MS822		MS744		MS815-2		MS735-4
	MS705-3C		MS722		MS837		MS811-4		MS816-4B		MS743		MS815-1		MS775
	MS705-3A		MS715		MS704-1		MS803		MS823		MS742		MS806		MS330
	MS705		MS714-4		MS813		MS801-2		MS817		MS741		MS804		MS303

Summary listing of instrumental lock core for MS705 series

		4mm Double Bit
		3mm Double Bit
		Hooked 4mm
		8mm Triangle
		8x8mm Square
		8x8 Square with slot
		6x6mm Square
		7x7mm Square
		10mm Hexagon
		Slotted Recess

Summary list of instrumental lock core for MS816-1/MS816-1A/ series

		11mm Hexagon
		Thorn
		Flat Cylinder
		7mm Triangle
		9mm Triangle
		Heptagon
		10mm Triangle with circle
		Concave with slot
		Hexagon female with pin
		8mm Triangle
		Hooked 4mm
		8mm Hexagon
		Hexagon male 10mm
		4x4mm Square
		7x7mm Square
		9x9mm Square
		Slotted recess
		7mm Triangle
		9mm Trapeziod square

MS705



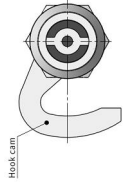
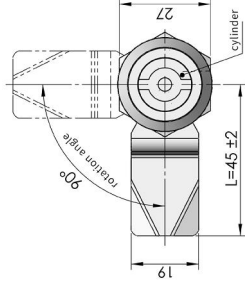
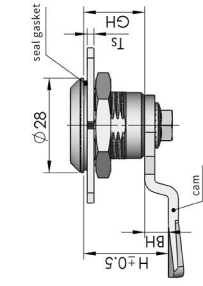
RL **IP54**

Specification

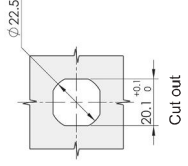
Application: 90 degree opening and closing
Cam ERP: S1B45Y07002 (White zinc plated steel) S1B45Y07022 (Stainless steel)

Performance Details

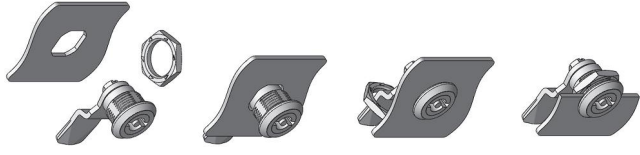
Max static load: 270N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m



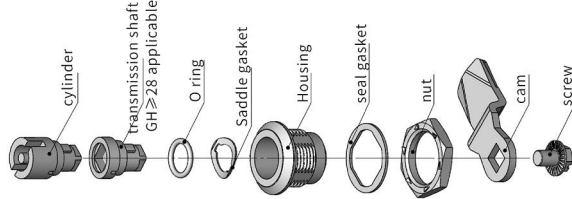
Remarks: Hooked cam, Ba=90°, suit for push-pull type cabinet doors



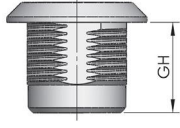
Assembling sketch



Exploded view



Housing

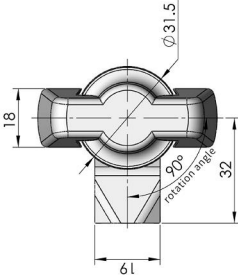
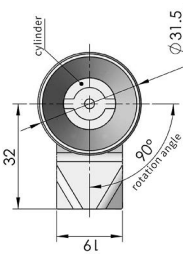
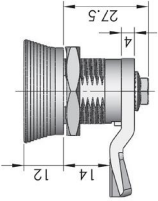
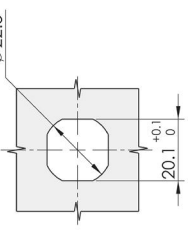
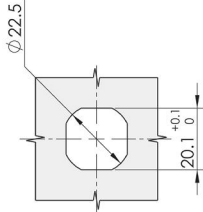
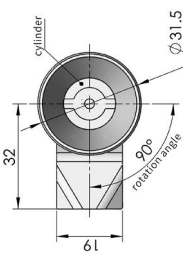
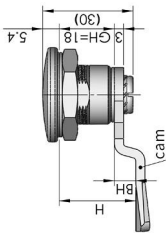
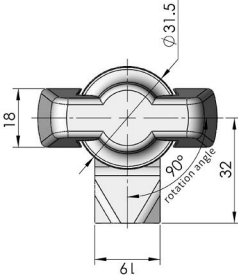
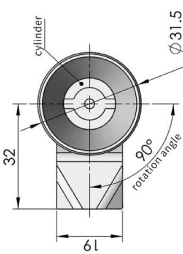
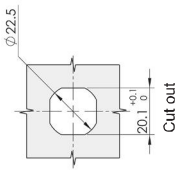
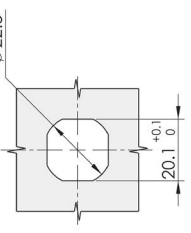
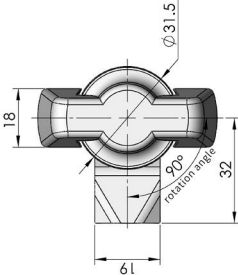
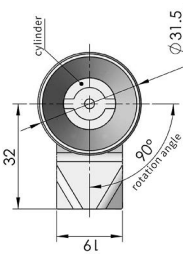
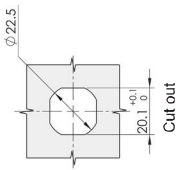
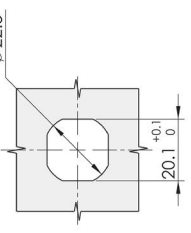
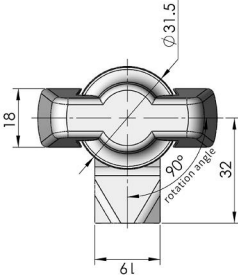
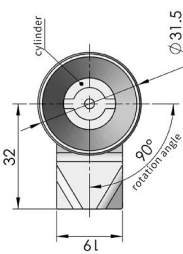
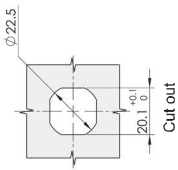
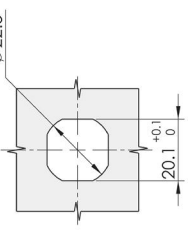
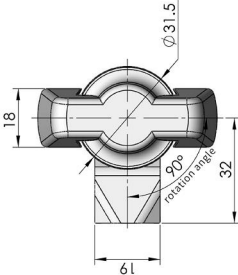
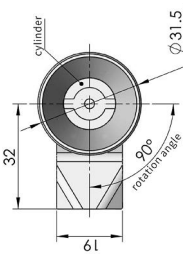
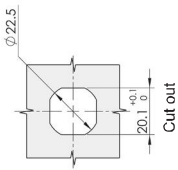
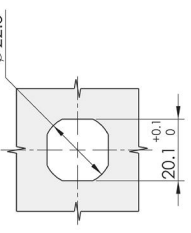
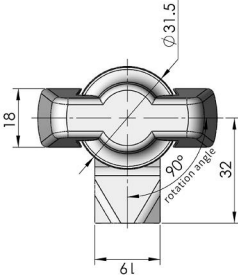
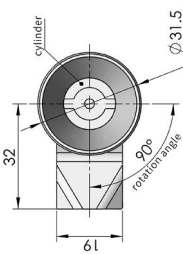
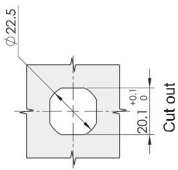
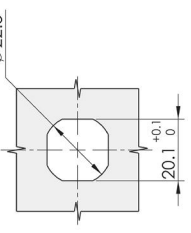
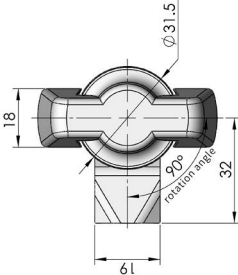
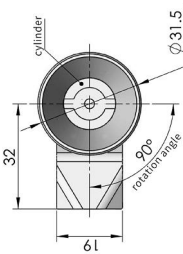
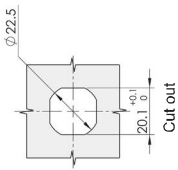
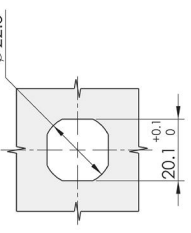
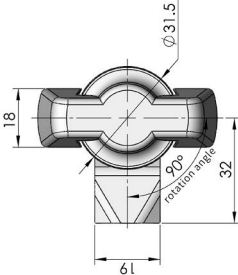
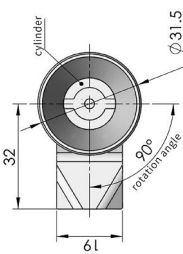
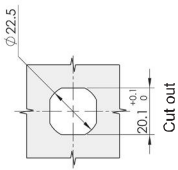
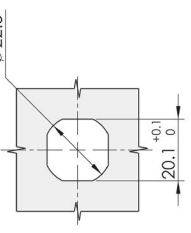
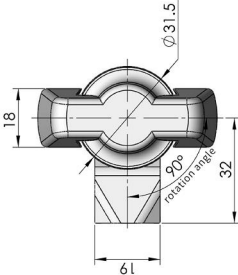
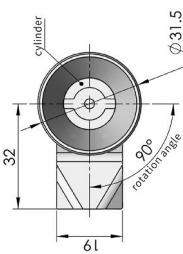
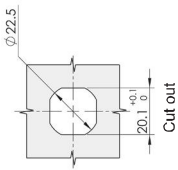
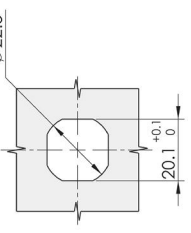
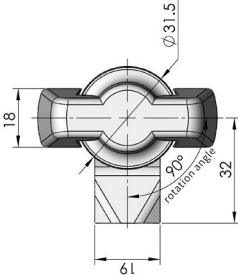
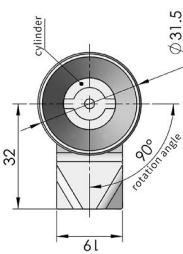
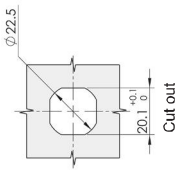
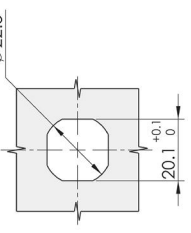
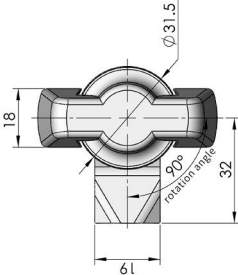
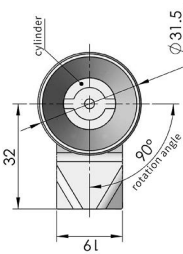
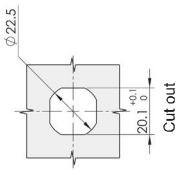
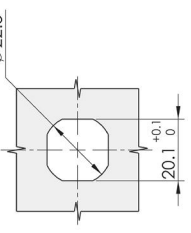
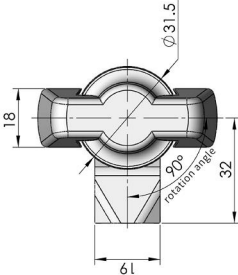
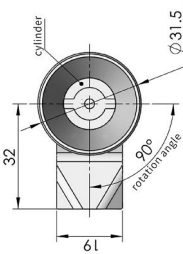
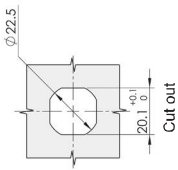
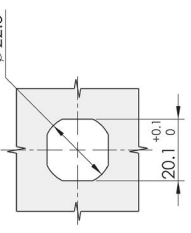
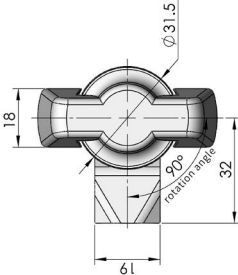
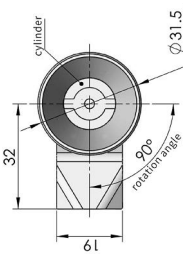
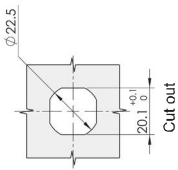
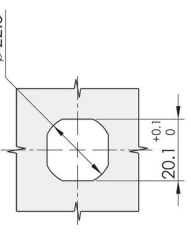
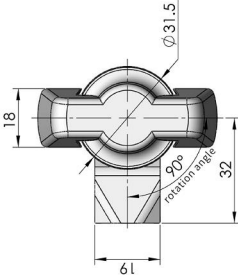
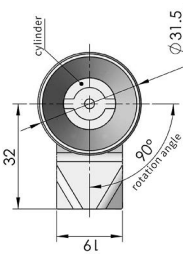
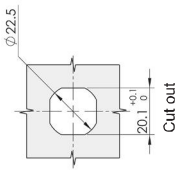
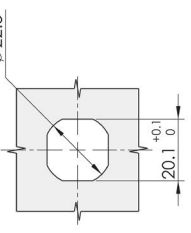
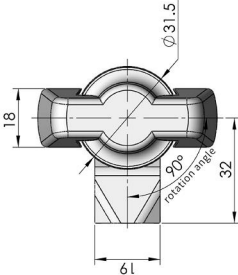
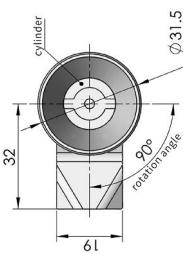
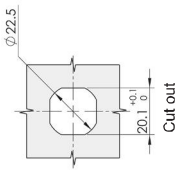
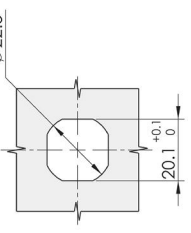
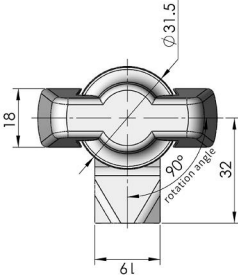
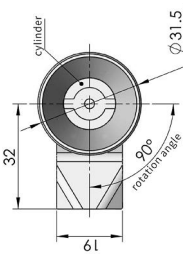
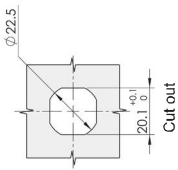
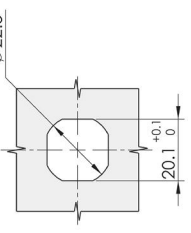
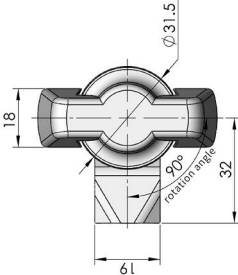
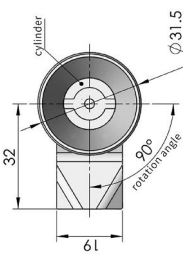
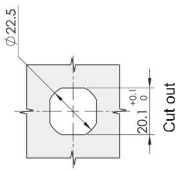
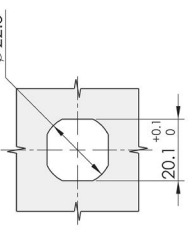
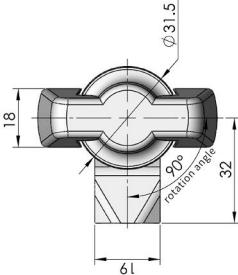
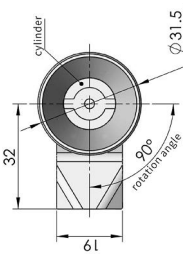
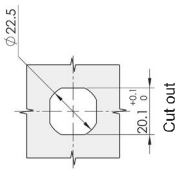
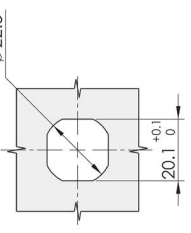
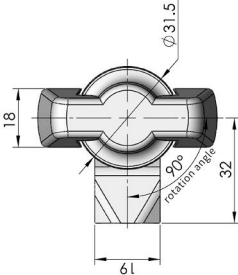
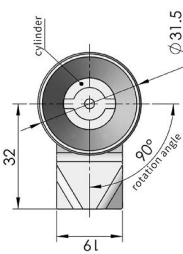
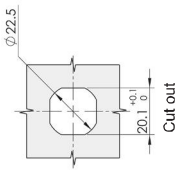
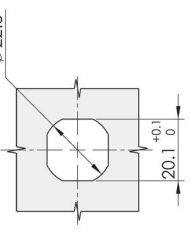
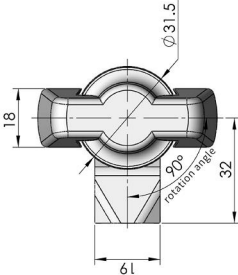
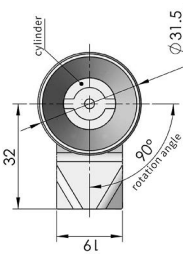
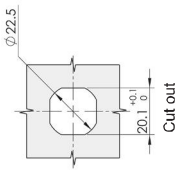
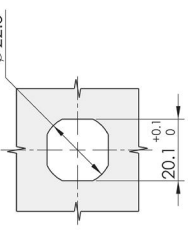
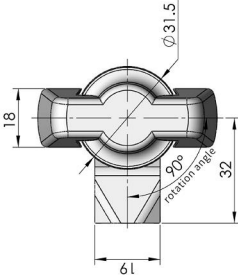
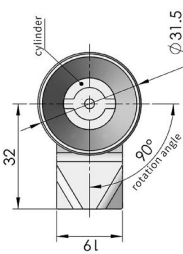
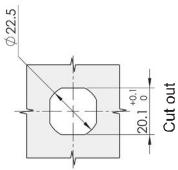
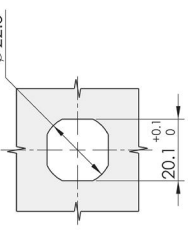
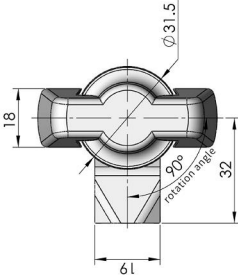
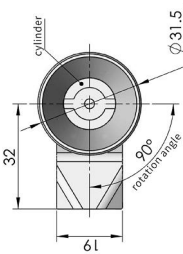
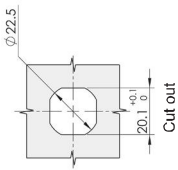
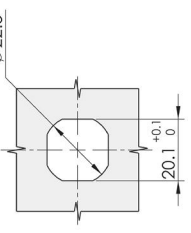
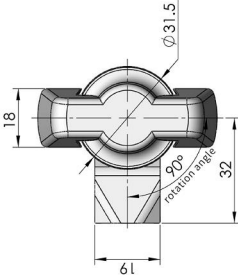
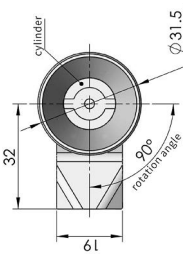
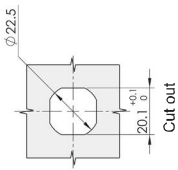
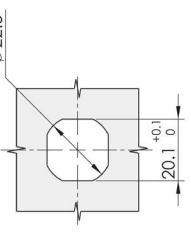
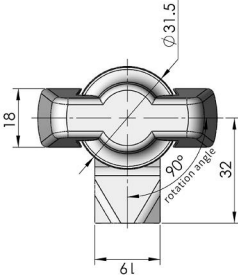
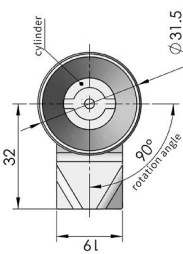
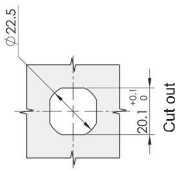
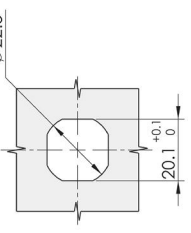
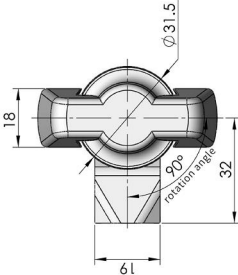
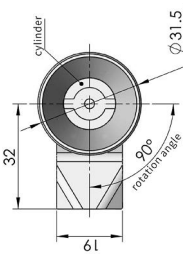
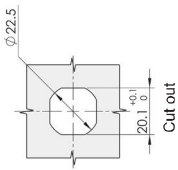
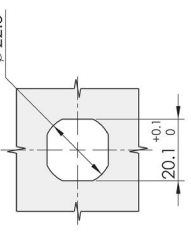
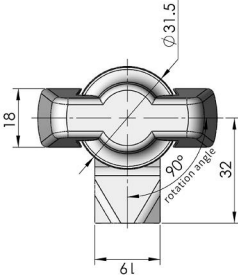
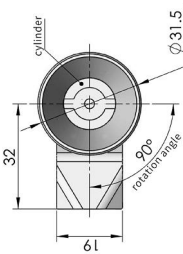
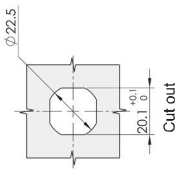
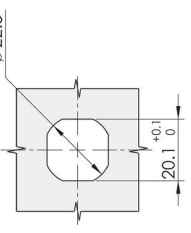
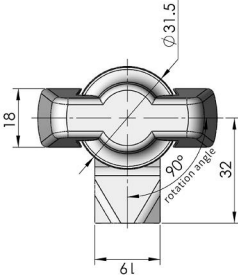
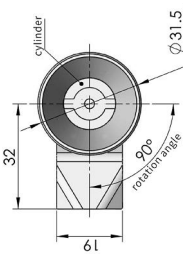
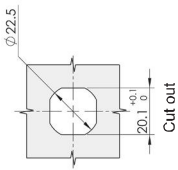
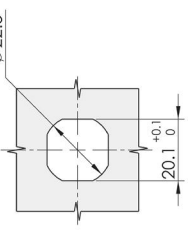
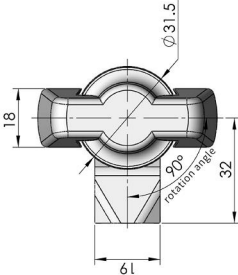
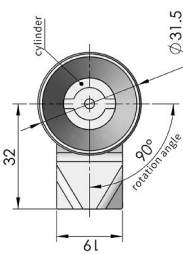
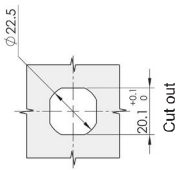
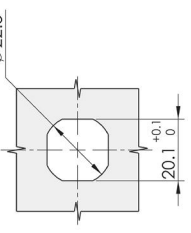
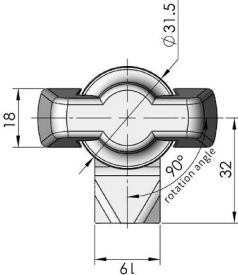
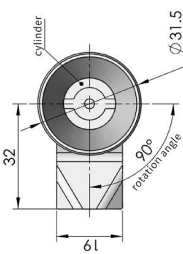
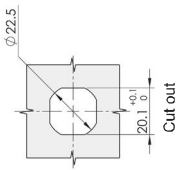
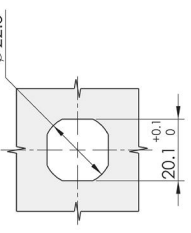
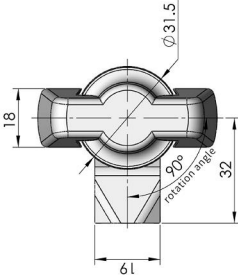
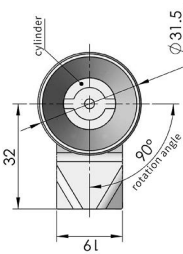
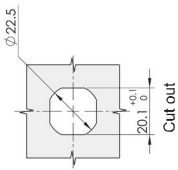
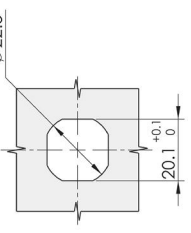
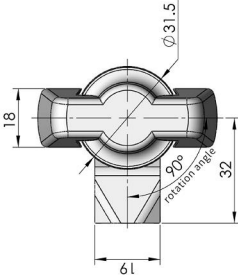


Specification	Housing GH=18			
	Zinc alloy housing and bright chrome lock core	Stainless steel housing and lock core	Black-rying housing and bright chrome zinc alloy lock core	ERP
4mm Double bit	MS705-1	MS705Z3AT02032	MS705S00T02008	MS705-1S
3mm Double bit	MS705-1A	MS705Z3AT01007		
Hooked 4mm	MS705-2	MS705Z3AT03034	MS705S00T03005	
8mm Triangle	MS705-3	MS705Z3AT04041	MS705S00T04008	
8x8 Square	MS705-4	MS705Z3AT07021	MS705S00T07007	
8x8 Square with recess	MS705-4A	MS705Z3AT08001		
6x6 Square	MS705-5	MS705Z3AT05008		MS705-5
7x7 Square	MS705-6	MS705Z3AT06010		
10mm Hexagon	MS705-7	MS705Z3AT09025		
Socketed recess	MS705-8	MS705Z3AT10012		
11mm Hexagon male	MS705-9	MS705Z3AT11003		
Thorn	MS705-10	MS705Z3AT12005		MS705-10
7mm Triangle	MS705-12	MS705Z3AT14014		
9mm Triangle	MS705-13	MS705Z3AT15009		MS705-13
Inside hexagon with pin	MS705-18	MS705Z3AT24001		

	Housing GH=28		Housing GH=36	
	Zinc alloy housing, bright chrome plated lock core	ERP	Zinc alloy housing, bright chrome lock core	ERP
4mm Double bit	MS705-2M-1	MS705Z3AT02088	MS705-3M-1	MS705Z3AT02077
3mm Double bit	MS705-2M-1A	MS705Z3AT01026		
Hooked 4mm	MS705-2M-2	MS705Z3AT03022	MS705-3M-2	MS705Z3AT03015
8mm Triangle	MS705-2M-3	MS705Z3AT04027	MS705-3M-3	MS705Z3AT04096
8x8 Square	MS705-2M-4	MS705Z3AT07017	MS705-3M-4	MS705Z3AT07035
8x8 Square with recess	MS705-2M-4A	MS705Z3AT08002		
7x7 Square	MS705-2M-5	MS705Z3AT06009		
10mm Hexagon	MS705-2M-8	MS705Z3AT10002	MS705-3M-7	MS705Z3AT09054
Socketed recess	MS705-2M-11	MS705Z3AT13002		
Flat Cylinder				

Remarks: Default cam S1B4507 (cut out 8x8)

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
HP001 Pulltab(Optional) WP002 Water-proofcap(Optional) A3001 Stainless steel lock tube(Optional) A3002 Carbon steel seat cover(Optional) Cam(Optional) Keys for selection Remarks: Material is plastic, "□" stands for the model variable MS705Z3AT02070 MS705Z3AT04099 MS705Z3AT10004 ERP 4mm Double bit 8mm Triangle Slotted recess Part number MS705-H62-1 MS705-H62-3 MS705-H62-8 4mm Double Bit 4mm Double Bit Hooked 4mm 8mm Triangle 8x8mm Square Heptagon 10mm Triangle with circle Concave with salt Hexagon female with pin Lock core Specification 4mm Double Bit 4mm Double Bit Hooked 4mm 8mm Triangle 8x8mm Square Heptagon 10mm Triangle with circle Concave with salt Hexagon female with pin Accessories Handle lock Cylinder lock Plane lock Rod control lock Panel lock Toggle and hook Handles Door stop Hinge Seal gasket										

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
MS705-K  RL IP54 Specification Material: Zinc alloy handle, housing, lock core, and steel cam Finish: Powder coated (malachite green) handle, housing, and lock core; white zinc plated cam Application: 90 degree opening and closing Remarks: Optional key K15-1 Cam ERP: S1B32N04002 Performance Details Max static load: 210N Max torque: 15Nm Recommended nut tightening torque: 20Nm		MS705-K01  MS705-K02  MS705-K  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-3C  RL IP54 Specification Material: Zinc alloy housing, lock core, and cam Finish: Sand blasting, chrome plated housing, white zinc plated cam Application: Quarter-turn opening or closing Cam ERP: S1B45Y02002 Performance Details Max static load: 270N Max torque: 6Nm Recommended nut tightening torque: 20Nm		MS705-4K01  MS705-4K02  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D  R L Specification Material: Zinc alloy housing, lock core and cam Finish: Bright chrome plated housing, lock core and cam Application: Quarter-turn opening or closing, with function of closing Remarks: Keys options K15 Performance Details Max static load: 270N Max torque: 9Nm Recommended nut tightening torque: 20N.m		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D  R L Specification Material: Zinc alloy housing, lock core and cam Finish: Bright chrome plated housing, lock core and cam Application: Quarter-turn opening or closing, with function of closing Remarks: Keys options K15 Performance Details Max static load: 270N Max torque: 9Nm Recommended nut tightening torque: 20N.m		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02  MS705-1W-2D  MS705-3C  MS705-1W-2D Left cam MS705-1W-2D Right cam ERP MS705Z3AT02020 MS705Z3AT02018								
MS705-1W-2D 		MS705-4K01  MS705-4K02								

MS705-3A



Specification

Material: Zinc alloy housing, lock core, dust-proof cover, steel cam
Finish: Sand blasting, chrome plated housing, lock core and dust cover; white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Optional key K15

Cam ERP: S1B45Y07002 (White zinc plated steel)

Performance Details

Max static load: 270N
 Max torque: 9N.m
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

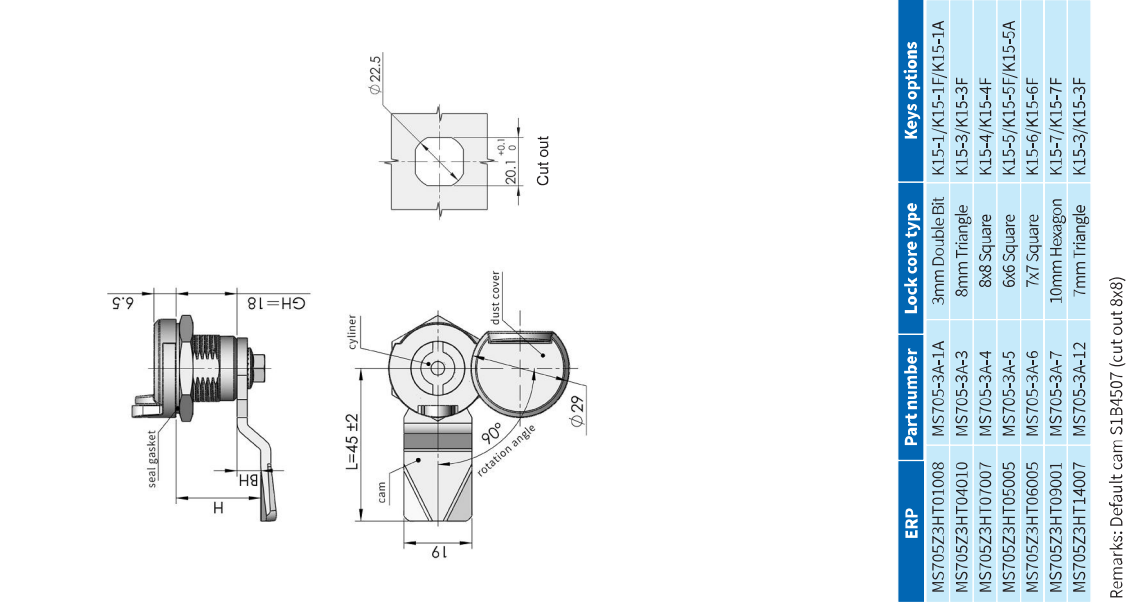
Toggle and hook

Handles

Door stop

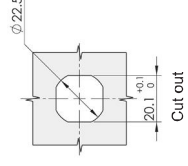
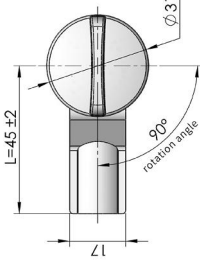
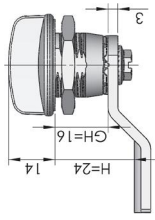
Hinge

Seal gasket



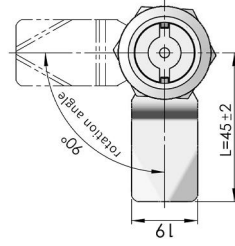
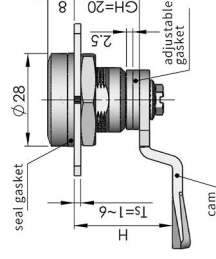
ERP	Part number	Lock core type	Keys options
MS705Z3HT01008	MS705-3A-1A	3mm Double Bit	K15-1/K15-1F/K15-1A
MS705Z3HT04010	MS705-3A-3	8mm Triangle	K15-3/K15-3F
MS705Z3HT07007	MS705-3A-4	8x8 Square	K15-4/K15-4F
MS705Z3HT05005	MS705-3A-5	6x6 Square	K15-5/K15-5F/K15-5A
MS705Z3HT06005	MS705-3A-6	7x7 Square	K15-6/K15-6F
MS705Z3HT09001	MS705-3A-7	10mm Hexagon	K15-7/K15-7F
MS705Z3HT14007	MS705-3A-12	7mm Triangle	K15-3/K15-3F

Remarks: Default cam S1B4507 (cut out 8x8)



ERP MS705Z1A000009

Remarks: Default cam S1V4508



ERP MS705Z2AT01018

Remarks: Default cam S1B4507 (cut out 8x8)

MS705-3D



Specification

Material: Zinc alloy housing, lock core, steel cam
Finish: Black painted housing and lock core; white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Optional key K15-1A

Cam ERP: S1B45Y07002

Performance Details

Max static load: 270N
 Max torque: 9N.m
 Recommended nut tightening torque: 20N.m



HP001 Pull tab (Optional)

MS705-3E



RL

Specification

Material: Zinc alloy housing, steel cam
Finish: Black powder coated housing, white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Default key K140

Cam ERP: S1B45Y07005

Performance Details

Max static load: 220N
Recommended nut tightening torque: 20N.m

MS705-3J



IP55

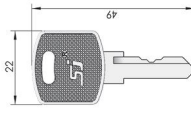
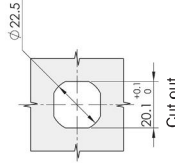
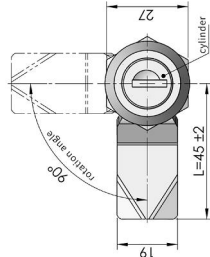
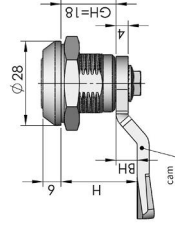
Specification

Material: Steel housing, lock core nut, screw and cam
Application: Lock core quarter-turn opening or closing
Remarks: Three lock core options

Cam ERP: S1B45Y07002

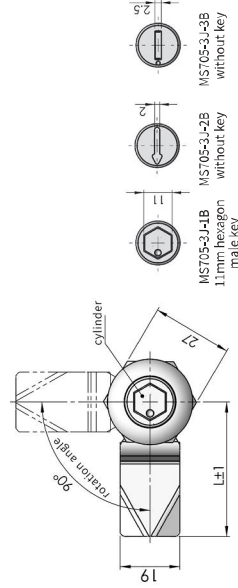
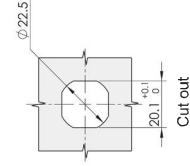
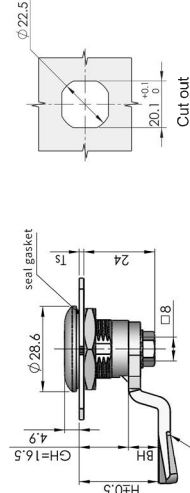
Performance Details

Max static load: 220N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m



Specification	Part number	ERP
Zinc alloy housing, lock core (RH-rotation)	MS705-3E	MS705Z1A140026
Zinc alloy housing, lock core (LH-rotation)	MS705-3E-2	MS705Z3A140011
PA housing, lock core (RH-rotation)	MS705-3E-F	MS705N00140007

Remarks: Default cam S1B4507 T=4 (cut out 8x8)



ERP	MS705-3J-1B	MS705-3J-2B
	MS705S4A109001	MS705S4A132004

Remarks: Default cam S1B4507 T=4 (cut out 8x8)

MS705-3P



RL

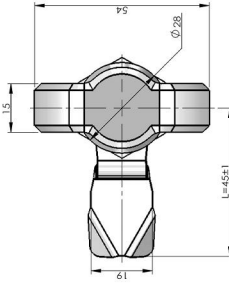
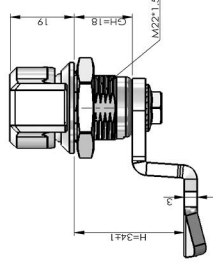
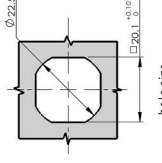
Specification

Material: Stainless steel 316 rotary knob, housing nut
Finish: Black matte painted rotary knob
Application: Quarter-turn opening or closing, with damping

Cam ERP: S1B45Y16006

Performance Details

Max static load: 270N
Recommended nut tightening torque: 20N.m



Part number	ERP
MS705-3P	MS705Z1A000092

MS705-8G



IP55

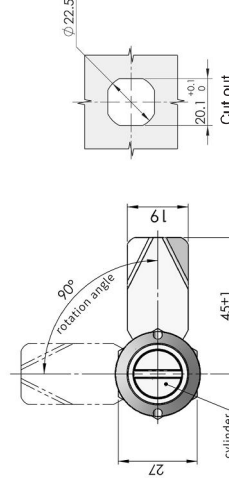
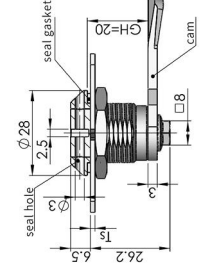
Specification

Material: Zinc alloy housing, lock core, nut, steel cam
Finish: Bright chrome plated housing and lock core, white zinc plated cam
Application: Quarter-turn opening or closing

Cam ERP: S1B45Y00002

Performance Details

Max static load: 270N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m



ERP	MS705Z3AT10030
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Remarks: Default cam S1B4500 (cut out 8x8)

MS714-1



MS714-2



Specification

Material: Zinc alloy housing or PA housing, PA handle, steel cam
 Finish: Powder coated (black matte) zinc alloy housing, white zinc plated cam
 Application: Handle quarter-turn opening or closing
Cam ERP: S1B45Y07002

Performance Details

Max static load: 220N
 Max torque: 9N.m
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS714-3

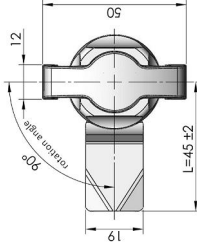
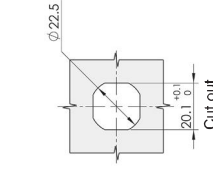
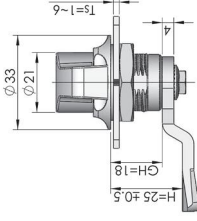
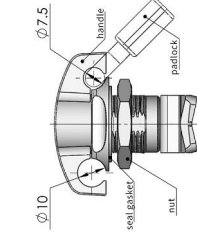


Specification

Material: Zinc alloy housing, handle, steel cam
 Finish: Picked black powder coated housing, handle, white zinc plated cam
 Application: Handle quarter-turn opening or closing
Cam ERP: S1B45Y07005

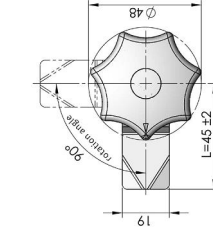
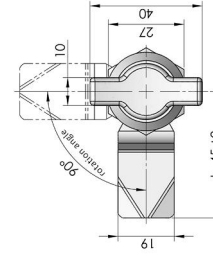
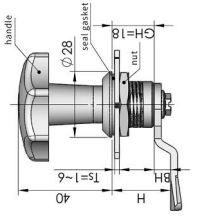
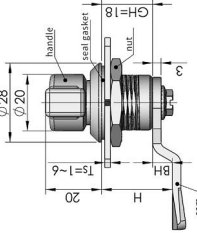
Performance Details

Max static load: 250N
 Max torque: 18N.m
 Recommended nut tightening torque: 20N.m



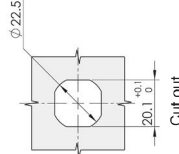
ERP MS714Z1B000007

Remarks: Default cam S1B4507 T=4 (cut out 8x8)



MS714-2 Series

MS714-1 Series



MS714-4



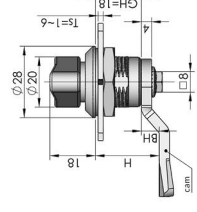
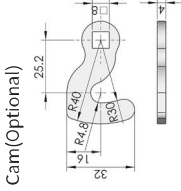
Specification

Material: Zinc alloy housing, handle, steel cam
 Finish: Picked black powder coated housing, handle, white zinc plated cam
 Application: Handle quarter-turn opening or closing
Cam ERP: S1B45Y07005

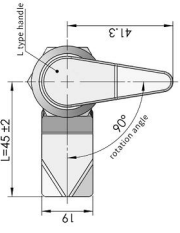
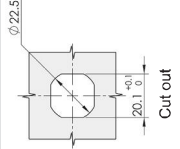
Performance Details

Max static load: 250N
 Max torque: 18N.m
 Recommended nut tightening torque: 20N.m

Cam(Optional)



ERP S1B30Y40001



Specification	Part number	ERP	Part number	ERP
Pickled powder coated black metal alloy housing, PA housing	MS714-1	MS714Z1A000061	PA housing and handle	MS714N00000099
GH=18	MS714-1	MS714Z1A000061		
GH=28	MS714-2	MS714Z1A000013		

Remarks: Default cam S1B4507 T=4 (cut out 8x8)

Specification	Knob		PA housing and handle	
	Part number	ERP	Part number	ERP
GH=18	MS714-1-1	MS714Z1A000020		
GH=36	MS714-1-3	MS714Z1A000003		
GH=62	MS714-1-4	MS714Z1A000004		

Specification	Handle		PA housing and handle	
	Part number	ERP	Part number	ERP
GH=18	MS714-2-1	MS714Z1A000040		
GH=28	MS714-2-2	MS714Z1A000053		
GH=36	MS714-2-3	MS714Z1A000054		

Remarks: Default cam S1B4507 (cut out 8x8)

MS715

RL

IP54

Specification

Material: Zinc alloy housing or PA housing, zinc alloy handle, steel cam

Finish: Bright chrome plated housing, handle, white zinc plated cam

Application: Handle quarter-turn rotation opening or closing

Cam ERP: **S1B45Y07002**

Performance Details

Max static load: 220N

Max torque: 11N.m

Recommended nut tightening torque: 20N.m



MS715-1

Part number

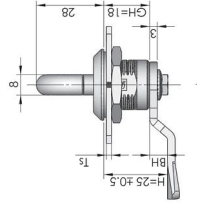
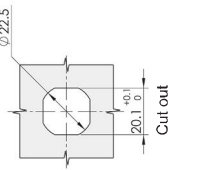
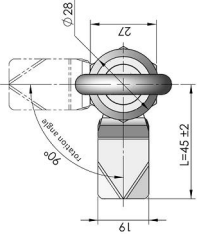
MS715-1-1

Specification

Bright chrome plated zinc alloy housing, handle

ERP

MS715Z3A00005

ERP

MS727Z3AT01009

MS721

RL

IP54

Specification

Material: Zinc alloy housing, steel cam, lock core

Finish: Bright chrome plated

Application: 120 degree rotation opening or closing

Cam ERP: **S1W51Y00001**

Performance Details

Max static load: 220N

Recommended nut tightening torque: 20N.m



MS721Z3AT01004

Part number

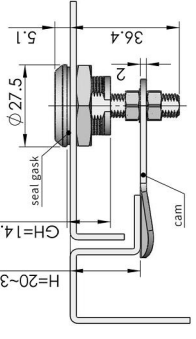
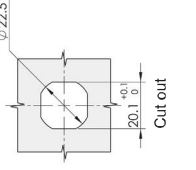
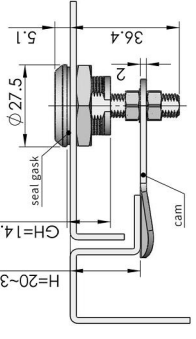
MS721Z3AT01004

Specification

Default cam S1W5100 (cut out φ 8x6)

ERP

MS721Z3AT01004

ERP

MS729Z3A420002

MS729-1

Part number

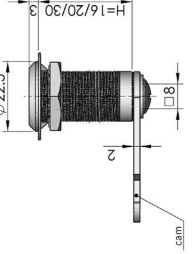
MS729Z3A420002

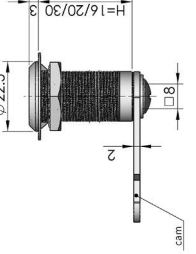
Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-2

Part number

MS729Z3A420002

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-3

Part number

MS729Z3A420017

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420017





ERP

MS729Z3A420017

MS722

RL

IP54

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Packed black powder coated housing, handle, white zinc plated cam

Application: Quarter-turn opening or closing

Remarks: Optional key K15-1

Cam ERP: **S1B45Y07002**

Performance Details

Max static load: 220N

Recommended nut tightening torque: 20N.m



MS729-1

Part number

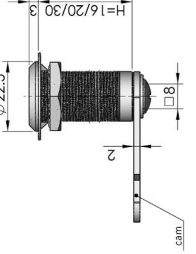
MS729Z3A420002

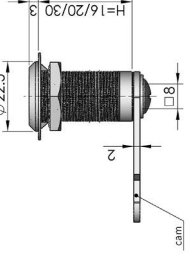
Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-2

Part number

MS729Z3A420002

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-3

Part number

MS729Z3A420017

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420017





ERP

MS729Z3A420017

MS729-1

Part number

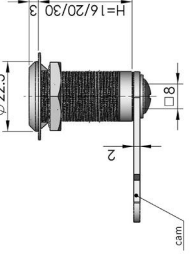
MS729Z3A420002

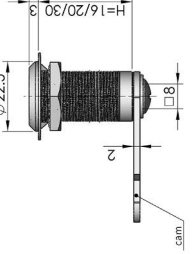
Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-2

Part number

MS729Z3A420002

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420002





ERP

MS729Z3A420002

MS729-3

Part number

MS729Z3A420017

Specification

Default cam S1B4507 (cut out 8x8)

ERP

MS729Z3A420017





ERP

MS729Z3A420017

069

070

MS733



Specification

Material: Zinc alloy housing, lock core: steel cam
Finish: Bright chrome plated housing, lock core, white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Default key K430

Cam ERP: S1B33Y00005

Performance Details

Max static load: 220N
Recommended nut tightening torque: 20N.m

MS734



Specification

Material: Zinc alloy housing, lock core: steel cam
Finish: Bright chrome plated housing, lock core, white zinc plated cam
Application: Handle quarter-turn rotation opening or closing, with function of closing
Remarks: Optional key K15-10

Cam ERP: S1B45Y00002

Performance Details

Max static load: 270N
Max torque: 8N.m
Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS735-2

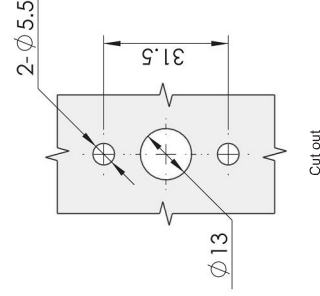
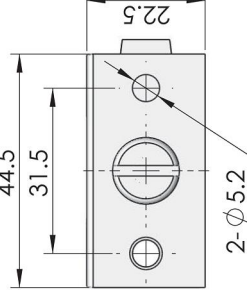
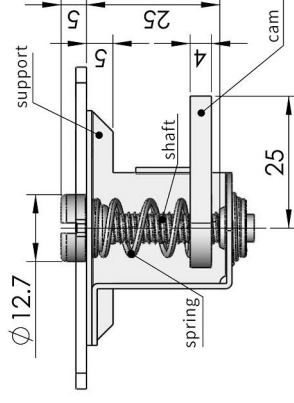


Specification

Material: Steel lock body
Finish: Trivalent zinc plated steel lock body
Application: 90 degree opening or closing, with function of locking
Cam ERP: S1S25Y00001

Performance Details:

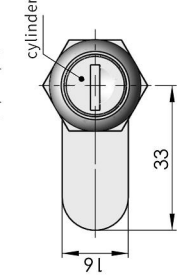
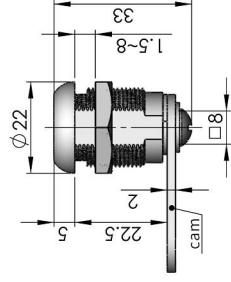
Max static load: 160N
Max torque: 11 N.m



ERP

MS735F3E00001

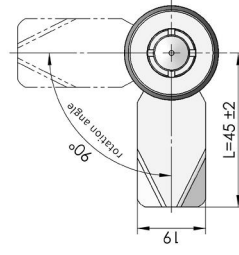
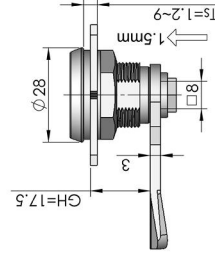
Remarks: Default cam S1S2500



ERP

MS733Z3A430009

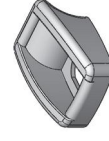
Remarks: Default cam S1B3300



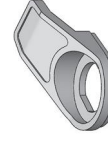
ERP

MS734Z3AT12001

Remarks: Default cam S1B4500(cut out 8x8)



HP002 Pulltab(Optional)



HP003 Pulltab(Optional)

MS743



IP 40

Specification

Material: Zinc alloy housing, steel cam
Finish: Bright chrome plated housing, white zinc plated cam
Application: 180 degree opening and closing
Remarks: Default key K282

Default cam: S1B30Y00006

Performance details:

Max static load: 140 N
Recommended nut tightening torque: 20N.m

MS744



RL IP 40

Specification

Material: Zinc alloy housing, steel cam
Finish: White zinc plated housing and cam
Application: 90 degree opening and closing
Remarks: Default key K160

Default cam: S1B20Y00001

Performance details:

Max static load: 130 N
Recommended tightening torque: 20N.m

MS744-3



IP 40

Specification

Material: Zinc alloy lock core, housing and steel cam
Finish: White zinc plated housing and cam
Application: 90 degree opening or closing
Remarks: Default key K28-5

Performance details:

Max static load: 140N
Recommended nut tightening torque: 20N.m

MS745-1



RL IP 40

Specification

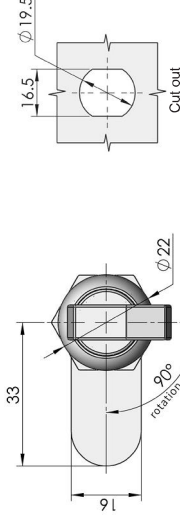
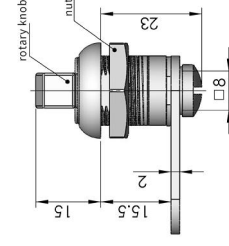
Material: Zinc alloy housing, steel cam
Finish: Bright chrome plated housing, white zinc plated cam
Application: 90 degree opening and closing
Remarks: Default key K080

Default cam: S1B33Y00005

Performance details:

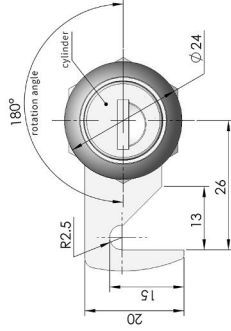
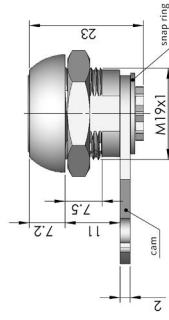
Max static load: 160 N
Max torque: 10N.m (Rotation type)
Recommended nut tightening torque: 20N.m

MS745-2



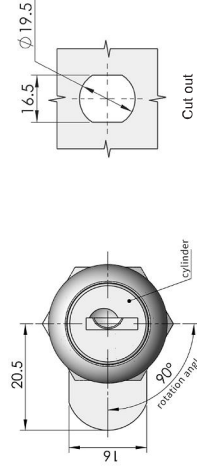
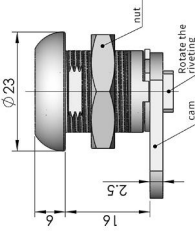
Specification	Part number	ERP
With lock core	MS745-1	MS745Z3A080001
Knob	MS745-2	MS745Z3A000001

Remarks: Default cam S1B3300



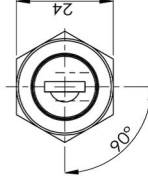
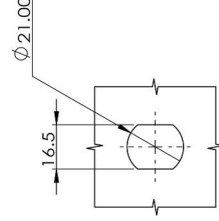
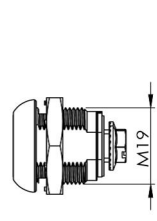
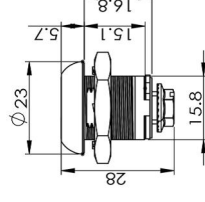
ERP MS743Z3A282001

Remarks: Default cam S1B3000



ERP MS744Z3D160002

Remarks: Default cam S1B2000 (cut out 8x8)



ERP MS744Z3A280002

MS754



Specification

Material: Zinc alloy housing, lock core, steel cam
 Finish: Bright chrome plated housing, white zinc plated lock core cam
 Application: Quarter-turn rotation opening or closing, without function of locking
 Remarks: Optional key K15-3F

Default cam: S1B45Y02005

Performance details:

Max static load: 270 N
 Max torque: 10 N.m
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

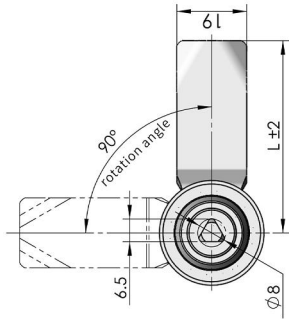
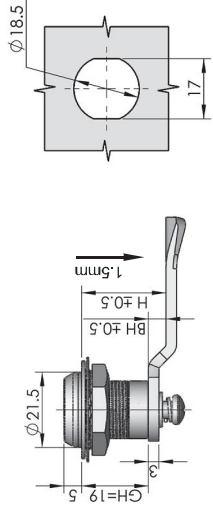
Toggle and hook

Handles

Door stop

Hinge

Seal gasket

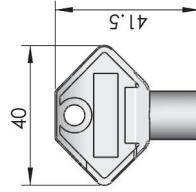


Cut out

ERP MS754Z3AT02001

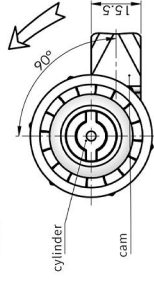
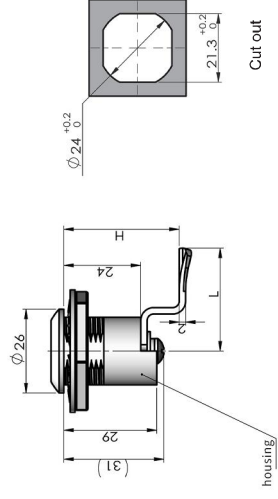
Remarks: Default cam S1B4502 (cut out 8x8)

Keys options



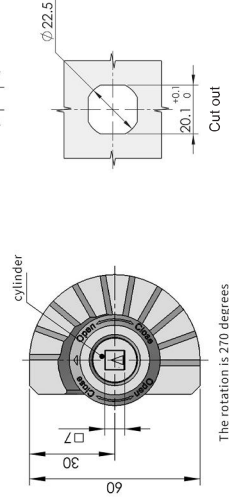
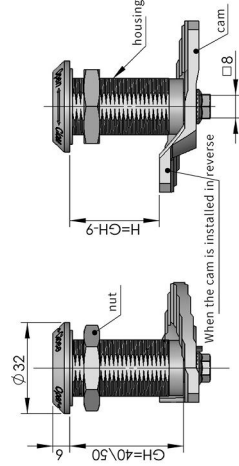
ERP

3290153005



Cut out

item	H	L	cam	ERP
2	36	32	S1A32Y12001	MS755Z1BT01005
1	43	34	S1A34Y19001	MS755Z1BT01006



The rotation is 270 degrees

Part number	ERP
MS756-H40	MS756Z3AT06006
MS756-H50	MS756Z3AT06007

MS756



Specification

Material: Zinc alloy housing, lock core, cam
 Finish: Chrome zinc alloy lock core, housing, cam
 Application: Lock core 270 degree opening
 Remarks: Optional key K15, cam can be installed opposite

Performance details:

Max static load: 300N
 Max torque: 9N.m
 Recommended nut tightening torque: 20N.m

MS755



Specification

Material: Zinc alloy handle, housing, steel cam
 Finish: Pocked lock core, housing, color zinc plated cam
 Application: Quarter-turn rotation opening or closing

Performance details:

Max static load: 200N
 Max torque: 9N.m
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS760-5A



Specification

Material: Zinc alloy housing, steel cam
Finish: Nickel plated housing, white zinc plated cam
Application: Quarter-turn opening or closing, drive the cam to open or lock
Keyed differently: 1800 groups
Remarks: Default key K08-6

Performance details:

Cam torque: ≤500N
Key torque: ≤2N.m

MS760-6



Specification

Material: Zinc alloy housing, lock core, connection, Q235 lock shell
Finish: Nickel plated
Application: Lock core 85 degree rotation, drive the connection and the cam bounces or recovers to open or lock
Keyed differently: 1800 groups
Remarks: Default key K108-6

Performance details:

Cam torque: ≤300N
Key torque: ≤2N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS761

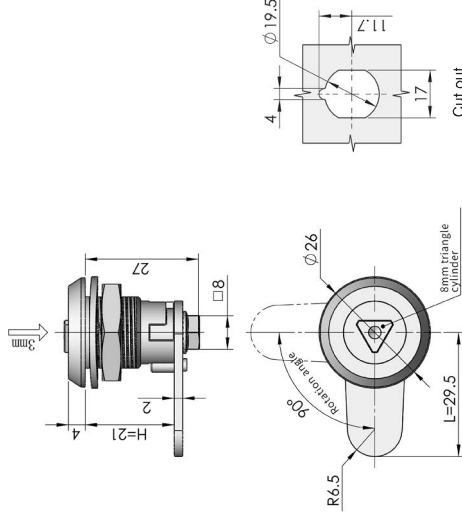


Specification

Material: Zinc alloy housing, steel lock core, cam
Finish: Bright chrome plated housing, lock core white zinc plated cam
Default cam: S1B29Y00005

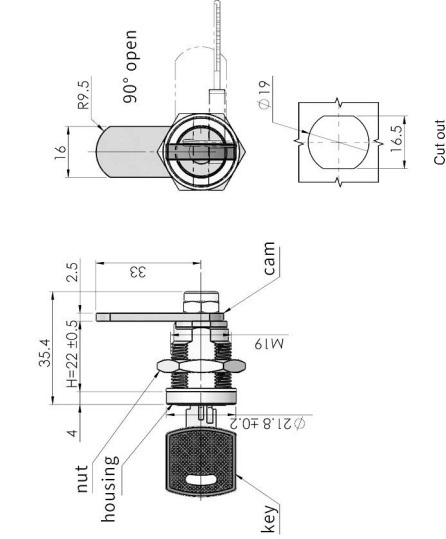
Performance details:

Max static load: 92 N
Max torque: 6 N.m
Recommended nut tightening torque: 20N.m



ERP MS761Z3AT04001

Remarks: Default cam S1B2900



Specification ERP

Without seat MS760Z3G080001

With seat MS760Z3G080002

MS762

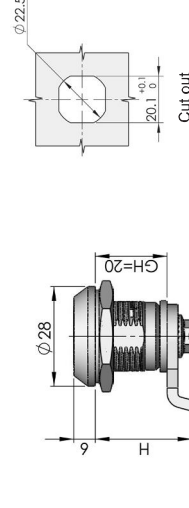


Specification

Material: Zinc alloy housing, lock core; steel cam
Application: Bright chrome plated housing, white zinc plated cam
Application: Lock core quarter-turn opening or closing
Remarks: Default key K160
Cam ERP: S1B45Y07002

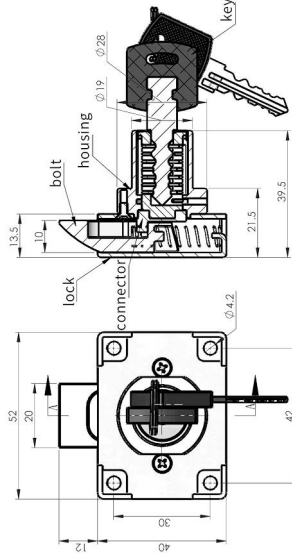
Performance details:

Max static load: 270N



ERP MS762Z3A160044

Note: Default cam S1B4570 (optional 8x8 cam)



ERP MS760F3G080001

[illegible]

MS769-3

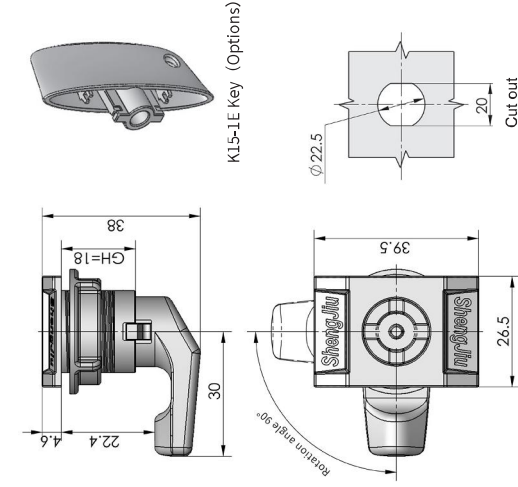


IP55

Specification

Material: Plastic housing, cam, nut
Application: Quarter-turn opening or closing

Performance details:
Max static load: 50N



ERP

MS769N00T01001

MS772

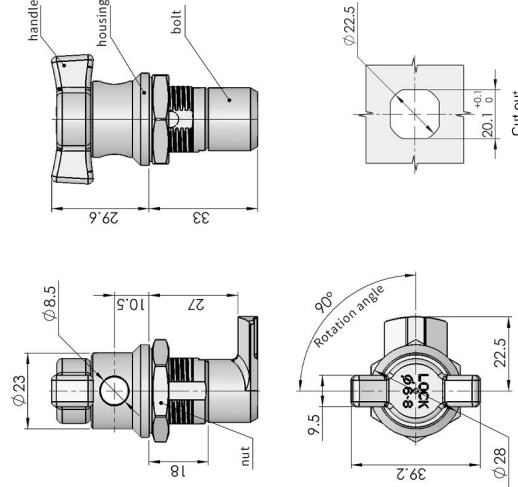


RL IP54

Specification

Material: Zinc alloy housing, handle, cam, nut
Finish: Powder coated blue grey
Application: Quarter-turn opening or closing

Default cam: S1B45Y02015
Performance details:
Max static load: 970N
Recommended nut tightening torque: 20N.m



ERP

MS772Z1D000001

Remarks: Default cam S1B4502 T=4 (cut out 18x8)

MS773

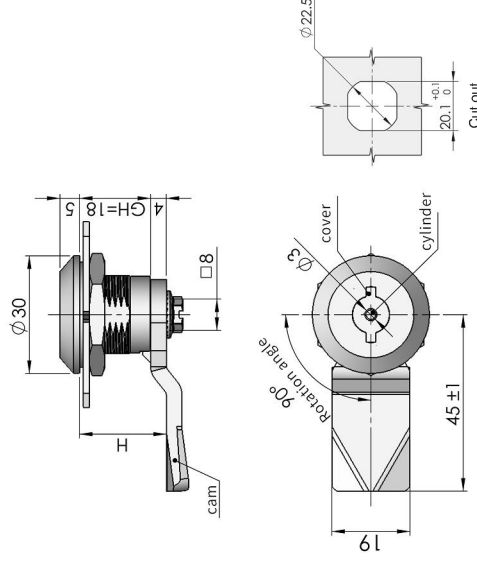


RL IP55

Specification

Material: Zinc alloy housing, lock core, dust-proof cover, nut, steel cam and screw
Finish: Chrome plated housing, cap, key, zinc plated lock core, cam

Default cam: S1B45Y04008
Performance details:
Max static load: 270N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m



ERP

MS773Z3AT01010

Remarks: Default cam DS1B4504 T=4 (cut out 8x8)

MS773-3

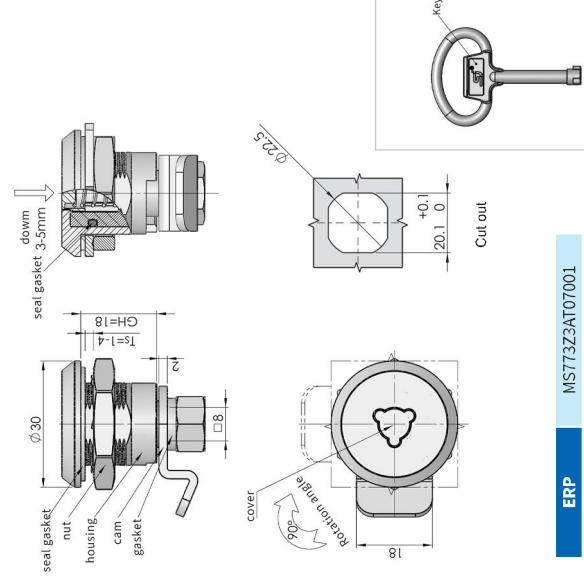


IP55

Specification

Material: Zinc alloy housing, lock core, cap, steel cam
Finish: Bright chrome plated housing cap, key; white zinc plated lock core, cam

Application: The key presses down the cap to turn the lock core to open or lock
Performance details:
Max static load: 200N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m



ERP

MS773Z3AT07001

MS773-4



IP55

Specification

Material: Zinc alloy housing, lock core, nut, cap, steel cam
Finish: Bright chrome plated housing, lock core, cap; white zinc plated nut, cam
Application: Press cap rotated lock core 90 degree to open or close

Performance details:

Max static load: 270N
Max torque: 9N.m
Recommended nut tightening torque: 20N.m

MS773-5



Specification

Material: Zinc alloy housing, steel cam
Finish: Bright chrome plated housing, white zinc plated cam
Application: Lock core 90 degree rotation opening or closing

Remarks: Default key K15

Cam ERP: S1B45Y04027

Performance details:

Max static load: ≤270N
Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS775



RL IP40

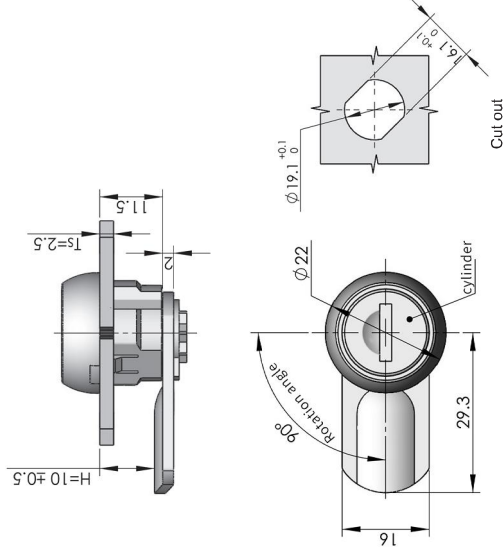
Specification

Material: Black PC housing; zinc alloy lock core; steel cam
Finish: White zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Default key K480

Default cam: S1B29Y04002

Performance details:

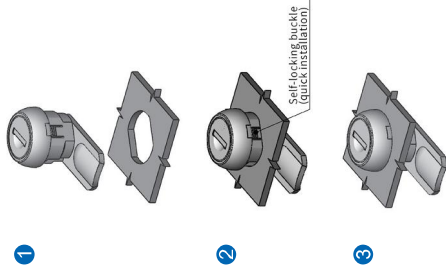
Max static load: 240 N



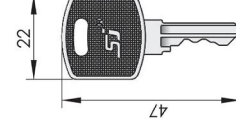
ERP MS775N00048001

Remarks: Default cam S1B2904 (Optional I 18x8)

Installation instruction



Default key



MS802



Specification

Material: Zinc alloy housing, handle, steel cam
Finish: Bright chrome plated housing, lock core; white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Default key K050
Cam ERP: S1B45Y02001 (TS=2)
Performance details:
Max static load: 100 N
Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

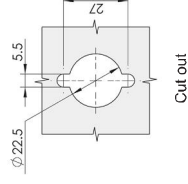
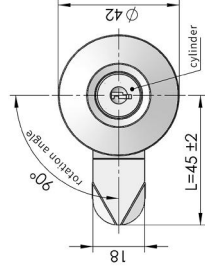
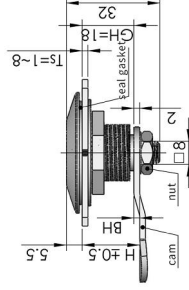
Handles

Door stop

Hinge

Seal gasket

MS804

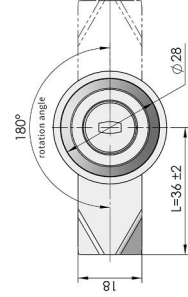
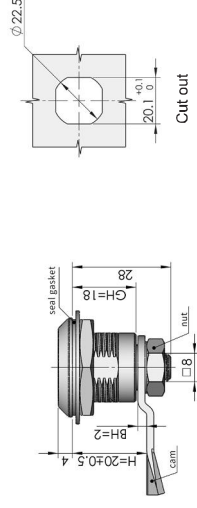


ERP

MS804Z3A050008

Remarks: Default cam S1B4502 (cut out 8x8)

MS805



ERP

MS805Z2A040005

Remarks: Default cam S1B3602 TS-2 (cut out 8x8)

MS803



Specification

Material: Zinc alloy housing, handle; steel cam
Finish: Bright chrome plated housing, handle; white zinc plated cam
Default cam: S1K27Y02001
Performance details:
Max static load: 91 N
Max torque: 41N.m
Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS806



Specification

Material: Zinc alloy housing, lock core: steel cam
 Finish: Bright chrome plated housing, white zinc plated cam
 Application: Quarter-turn opening or closing
 Remarks: Default key K220
Default cam: S1G29Y00001
Performance details:
 Max static load: 120N
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

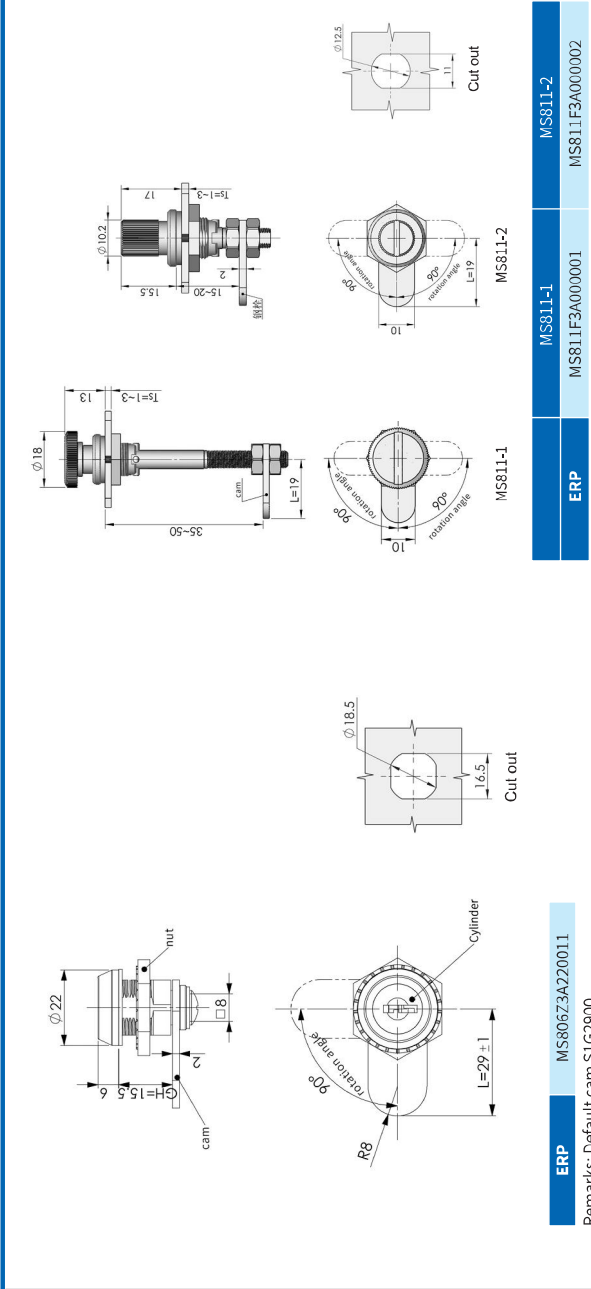
Toggle and hook

Handles

Door stop

Hinge

Seal gasket



ERP	MS806Z3A220011
-----	----------------

Remarks: Default cam S1G2900

ERP	MS811F3A000001
-----	----------------

Remarks: Default cam S1W1900 (cut out $\phi 6 \times 4.5$)

ERP	MS811F3A000001
-----	----------------

Remarks: Default cam S1W1900 (cut out $\phi 6 \times 4.5$)

MS811-1

MS811-2

RL

Specification

Material: Steel housing, handle, cam
 Finish: Bright chrome plated housing, handle; white zinc plated cam
 Application: Quarter-turn rotation opening or closing
Default cam: S1W19Y00002
Performance details:
 Max static load: 140N

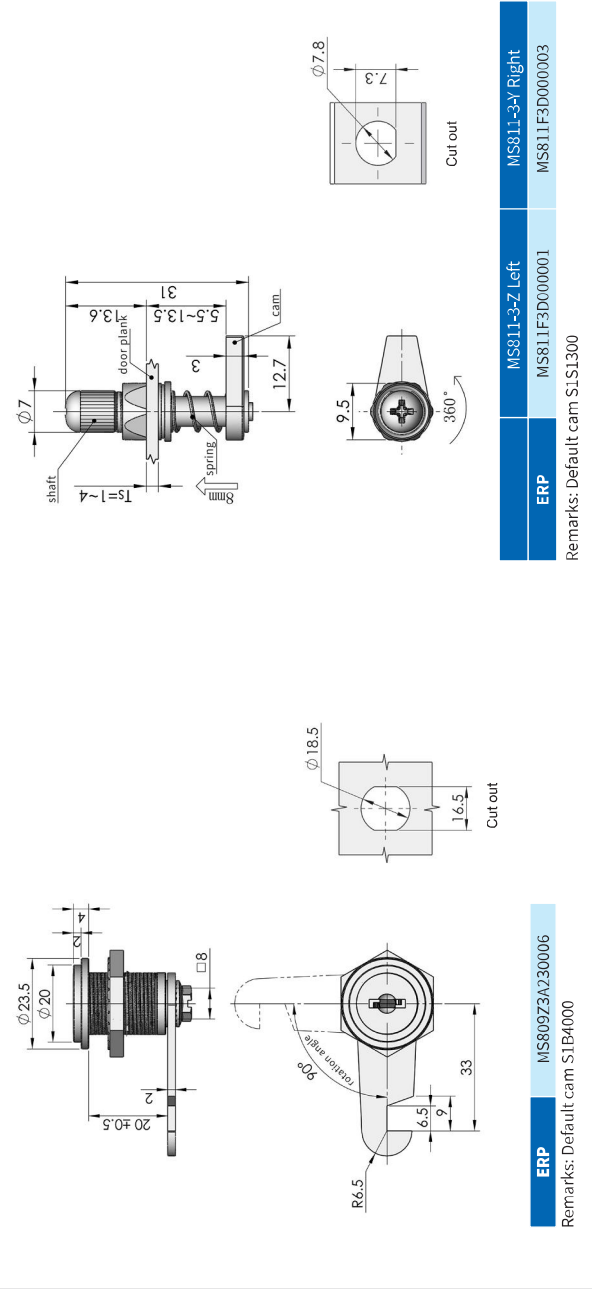
MS809



RL

Specification

Material: Zinc alloy housing, lock core: steel cam
 Finish: Bright chrome plated housing, lock core, white zinc plated cam
 Application: Quarter-turn opening or closing
 Remarks: Default key K230
Cam ERP: S1B40Y00004
Performance details:
 Max static load: 140N
 Recommended nut tightening torque: 20N.m



ERP	MS809Z3A230006
-----	----------------

Remarks: Default cam S1B4000

ERP	MS811F3D000001
-----	----------------

Remarks: Default cam S1S1300

ERP	MS811F3D000001
-----	----------------

Remarks: Default cam S1S1300

MS811-3

RL

Specification

Material: Steel housing, handle, cam
 Finish: Trivalent zinc plated
 Application: Handle 360 degree rotation opening or closing, with function of locking
Default cam: S1S13Y00001
Performance details:
 Max static load: 180N

MS811-4



Specification

Material: Zinc alloy housing, steel cam, shaft
Finish: White zinc plated
Application: Quarter-turn opening or closing, with function of locking

Default cam: S1S25Y00002

Performance details:

Max static load: 210N

Max torque: 11 N.m

Recommended nut tightening torque: 20N.m

MS812-1



Specification

Material: Zinc alloy housing, cover, steel cam
Finish: Bright chrome plated housing, white zinc plated cam
Application: Quarter-turn opening or cover, closing, with function of locking

Default cam: S3C86Y00002

Performance details:

Max static load: 110N

Max torque: 11 N.m

Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

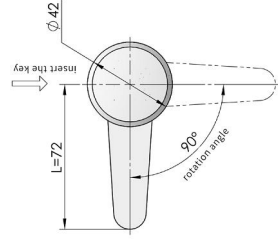
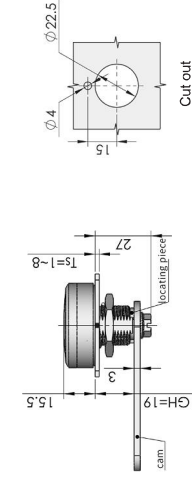
Toggle and hook

Handles

Door stop

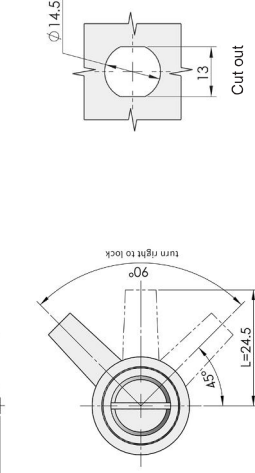
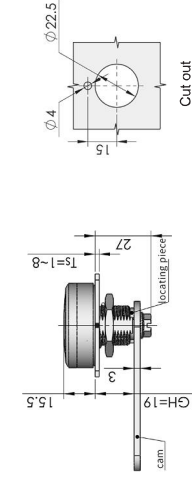
Hinge

Seal gasket



ERP MS812Z3A000011

Remarks: Default cam S1B7200(cut out 8x8)

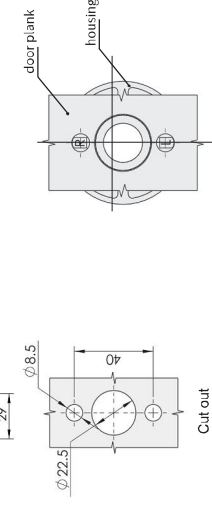
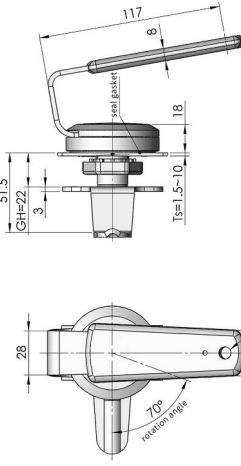


ERP MS811Z3D0000008

MS811-4-Z Left

MS811-4-Y Right

Remarks: Default cam S1S2500



ERP MS812Z3A0000006

Remarks: Default cam S3C8600 (Options cut out 10x10)

Remarks: Housing rotate 180° for installing, the picture shows the product and panel after installing

MS812-2



Specification

Material: Zinc alloy housing, cover, steel cam
Finish: Bright chrome plated housing, cover; white zinc plated cam
Application: Quarter-turn opening or closing

Default cam: S1B72Y00001

Performance details:

Max static load: 240N

Remarks: change direction device and cam to realize left or right opening



Tool keys



MS813-5B



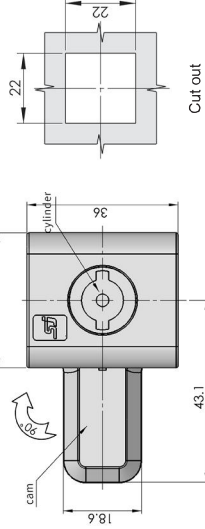
Specification

Material: Stainless steel housing, lock core, zinc alloy cam, screw; steel support
Finish: Mirror polished
Remarks: Optional key K15

Default cam: S1A44Y06001

Performance details:

Max static load: 580N



ERP MS813S4AT01001

Remarks: Default cam S1A4406

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS813



MS813-B



Specification

Material: Zinc alloy housing, lock core, cam
Finish: Powder coated (yellow-gray)/housing: bright chrome plated lock core; white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Optional key K15-1

Performance details:
Max static load: 580N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

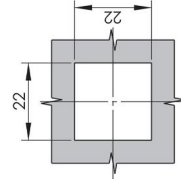
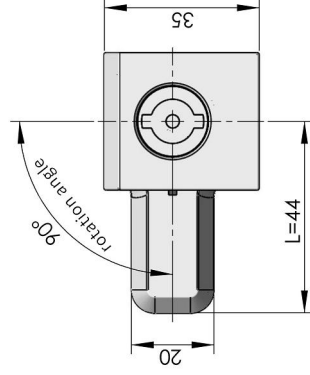
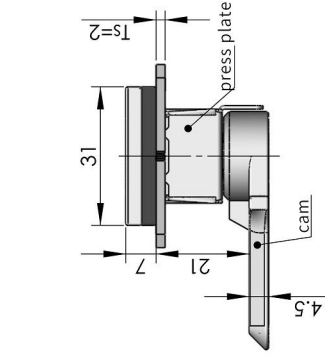
Toggle and hook

Handles

Door stop

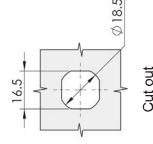
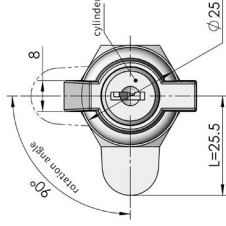
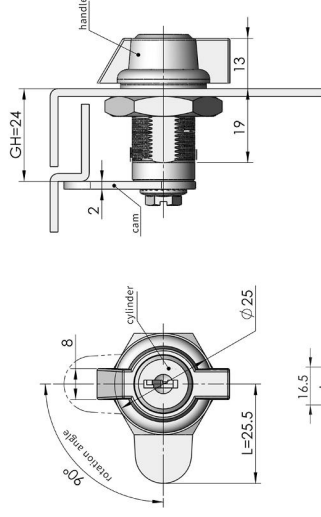
Hinge

Seal gasket



Cut out

Specification	Part number	ERP
Zinc alloy	MS813	MS813Z1.ET01003
Full S.S.	MS813-B	MS813S4AT01002



ERP MS815Z2A240001

Remarks: Default cam S1B2600 (cut out 8x8)

MS815-1



Specification

Material: Zinc alloy housing, handle, lock core; steel cam
Finish: Painted (black matte) housing, cam; white zinc plated cam
Application: Quarter-turn opening or closing
Remarks: Default key K240

Default cam: S1B26Y00001
Performance details:
Max static load: 270N
Recommended nut tightening torque: 12N.m

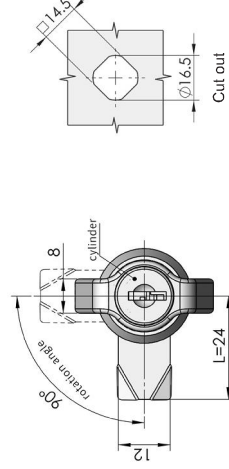
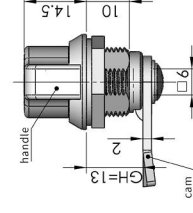
MS815-2



Specification

Material: Zinc alloy housing, lock core, steel cam
Finish: Black painting housing, handle; white zinc plated cam
Application: Quarter-turn rotation opening or closing
Remarks: Default key K170

Default cam: S1V24Y00002
Performance details:
Max static load: 270N
Recommended nut tightening torque: 12N.m



Cut out

ERP MS815Z2A170002

Remarks: Default cam S1V2400

MS815-3

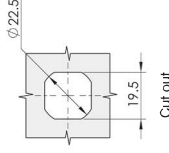
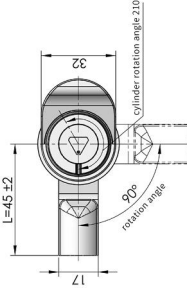
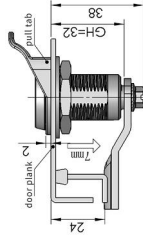
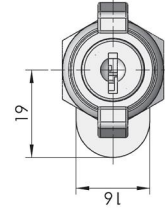
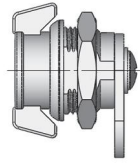
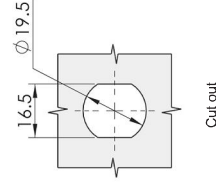
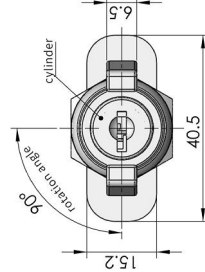
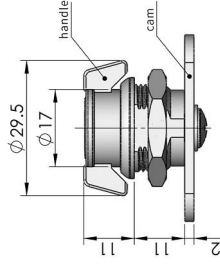


Specification

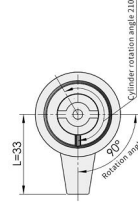
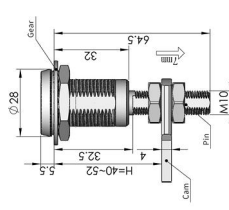
Material: Zinc alloy housing, lock core; steel cam
Finish: Black painted housing, handle; white zinc plated cam
Application: Quarter-turn rotation opening or closing

Performance details:

Max static load: 250N
Recommended nut tightening torque: 20N.m



Remarks: Lock core refers to list on P062



lock coreSpecification	Unadjustable		Adjustable	
	Part number	ERP	Part number	ERP
2mm Triang lock core	M581 G-1-1	M5816Z1D704009	M581 G-1A-1	M5816Z1D704015
2mm Slab lock core	M581 G-1-2	M5816Z1D703007	M581 G-1A-2	M5816Z1D703010
2mm Hexagon lock core	M581 G-1-3	M5816Z1D774004	M581 G-1A-3	M5816Z1D774005
17x8mm lock core	M581 G-1-5	M5816Z1D707001	M581 G-1A-5	M5816Z1D707003
17x7mm lock core	M581 G-1-6	M5816Z1D706001	M581 G-1A-6	M5816Z1D706003
lock core lock core	M581 G-1-9	M5816Z1D711001	M581 G-1A-9	M5816Z1D711003
2mm Triang lock core	M581 G-1-10	M5816Z1D714002	M581 G-1A-10	M5816Z1D714003
2mm Slab lock core	M581 G-1-12	M5816Z1D717001	M581 G-1A-12	M5816Z1D717004

Specification	Part number	ERP
Type B	MS8153-B	Black painted housing
		Bright chrome-plated housing
		MS8157A170004
		MS8157B170004

Remarks: cam cut out Ø7x5.5

MS816-1



MS816-1A



Specification

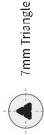
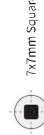
Material: Zinc alloy housing, lock core; steel cam, PA pull tab
Finish: Powder coated (blue gray)/housing, lock core; white zinc plated cam
Application: Cam quarter-turn opening or closing, with function of locking

type)

Ts=5)

Performance details:

Max static load: 300N
Max torque: 11N.m
Recommended nut tightening torque: 20N.m



MS816-3S-1



MS816-3S-2



Specification

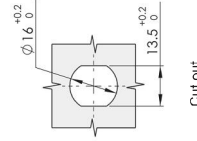
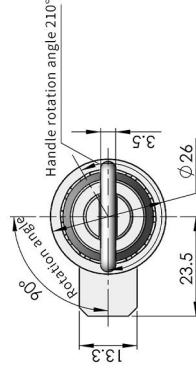
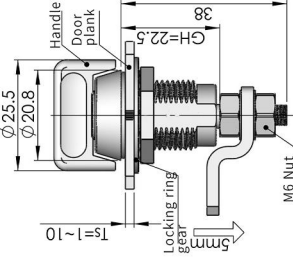
Material: Zinc alloy housing, lock core, handle; steel cam, PA water-proof tap
Finish: Black painting housing, lock core, handle; white zinc plated cam
Application: Cam quarter-turn opening or closing, with function of closing

Cam ERP: S1G23N08005

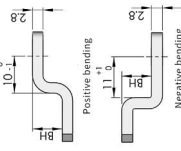
Performance details:

Max static load: 360N
Max torque: 8N.m
Recommended nut tightening torque: 20N.m

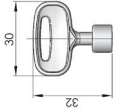
WP004(Optional)



Cam (Optional)



Key

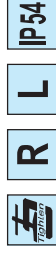


Remarks: Please refer to cam list on P009

Lock core Specification	Part number	ERP	Keys options
Handle lock core	MS816-3S-1	MS816ZTA000001	
6x6mm lock core	MS816-3S-2	MS816ZTA05001	K15-5A

Remarks: Default cam S1G23N08 (cut out Ø6x4.7)

MS816-4B



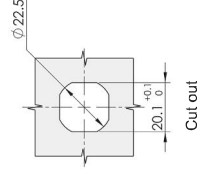
Specification

Material: Stainless steel housing, lock core, cam; steel shaft
Finish: Natural stainless steel
Application: Cam 90 degree quarter-turn opening or closing, with function of closing
Remarks: Optional key K15 series

Default cam: S1M44N06001

Performance details:

Max static load: 590N
Max torque: 11N.m
Recommended nut tightening torque: 30N.m



Cut out



HP001 Pull tab (Options)



WP002 Water-proof cap (Optional)

ERP MS816S00107023

Remarks: Default cam S1M44N06 (cut out Ø10x8)

MS816-4D-4/5

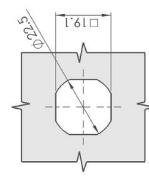


Specification

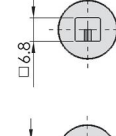
Material: Zinc alloy lock core, housing; steel shaft; stainless steel tooth ring, cam, nut
Finish: Chrome plated housing, lock core; white zinc plated shaft
Application: Lock core aligns with the indicator mark on housing when in lock position; lock core twists 195° anti-clockwise when opening; 120° turn causes shaft to pull of 6.4mm, then 75° turn causes cam to rotate to achieve lock opening

Performance details:

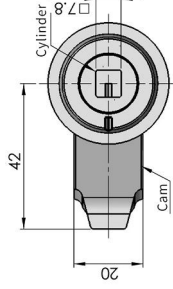
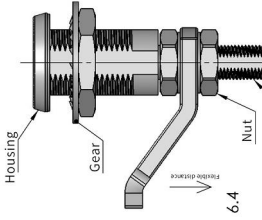
Max static load: 300N
Max torque: 11N.m
Recommended nut tightening torque: 20N.m



Cut out



8X8 square lock core
7X7 square lock core
MS816-4D-4
lock core MS816-4D-5



Type	ERP	MS816-4D-4	MS816ZTA07015
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MS817



Specification

Material: Zinc alloy housing, lock core; steel cam
Finish: Black painted housing, chrome plated lock core; white zinc plated cam
Application: Cam quarter-turn opening or closing, with function of closing
Remarks: Optional key K15 series

Cam ERP: S1B45N07001(Unadjustable type)
S1M33Y00002(Adjustable type
Ts=5)

Performance details:

Max static load: 190N
 Max torque: 6N.m
 Recommended nut tightening torque: 20N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS823-1



MS823-1A



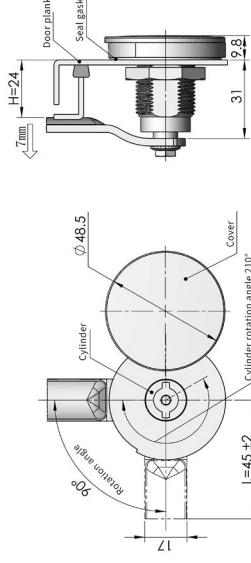
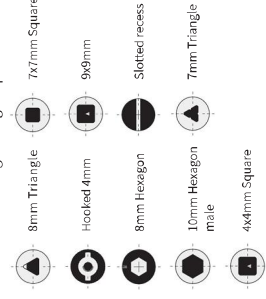
Specification

Material: Zinc alloy housing, lock core; steel cam
Finish: Bright chrome plated housing, lock core; white zinc plated cam
Application: Cam quarter-turn rotation opening or closing
Remarks: Optional key K15 series

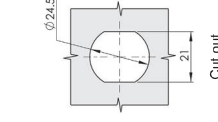
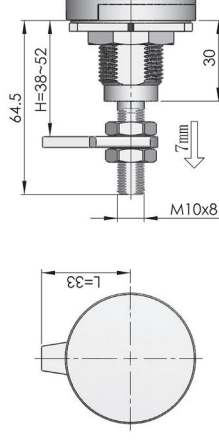
Cam ERP: S1B45N070016 (Unadjustable type)
S1M33Y00002(Adjustable type
Ts=5)

Performance details:

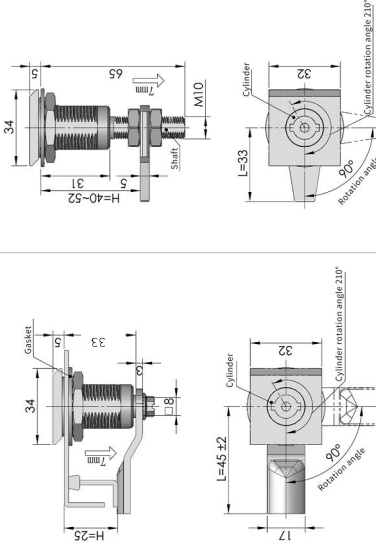
Max static load: 100N
 Recommended nut tightening torque: 12N.m



Non adjustable

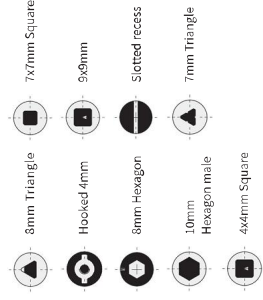
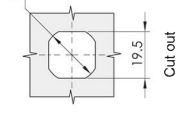


Cut out



Adjustable type

Unadjustable type



Remarks: Lock core refers to list P062

lock core specification	Part number	Unadjustable type ERP	Specification
8mm Triangle	MS823-1	MS823AT04001	K15-3, K15-3F
8mm Hexagon	MS823-3	MS823AT24001	K15-3, K15-3F
10mm Hexagon male	MS823-5	MS823AT10001	K15-4, K15-4F
4x4mm Square	MS823-9	MS823AT10001	K15-4, K15-4F

lock core specification	Non-adjustable Part no	ERP	Adjustable Part no	ERP	Specification
8mm Triangle	MS817-1	MS817ZAT04001	MS817-2A	MS817ZAT03002	K15-3, K15-3F
Hooked type	MS817-2	MS817ZAT03001			K15-1
8mm Hexagon	MS817-3	MS817ZAT124001			K15-3, K15-3F
10mm Hexagon male	MS817-4	MS817ZAT25003			K15-4, K15-4F
4x4mm Square	MS817-5	MS817ZAT107001	MS817-5A	MS817ZAT106001	K15-4, K15-4F
	MS817-6	MS817ZAT106001			K15-6, K15-6F

MS822



Specification

Material: Zinc alloy housing, handle; steel cam, lock core

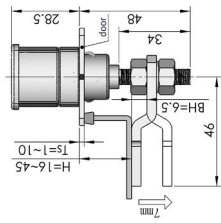
Finish: White zinc plated shaft; cam

Application: Quarter-turn opening or closing, with function of closing

Default cam: S1K46V07001

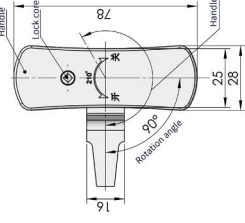
Performance details:

Max static load: 140N

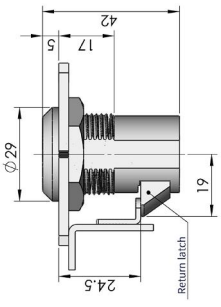


MS822Z1A000004

Remarks: Default cam S1K4607 (cut out Ø8x6.5)

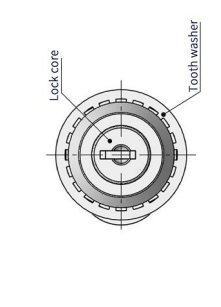


ERP



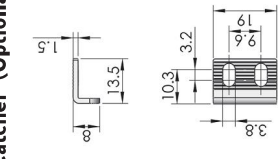
MS825Z3A160001

ERP



ERP

Catcher (Optional)



Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, white zinc plated cam

Application: Automatic reset locked

Remarks: Default key K160

Performance details:

Max static load: 320N

MS825



Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, white zinc plated cam

Application: Automatic reset locked

Remarks: Default key K160

Performance details:

Max static load: 320N

MS824



Specification

Material: Zinc alloy housing, lock core; steel cam

Finish: Bright chrome plated housing, white zinc plated cam

Application: 180 degree rotation opening or closing

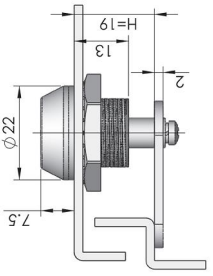
Default cam: S1V27Y000001

Performance details:

Max static load: 70N

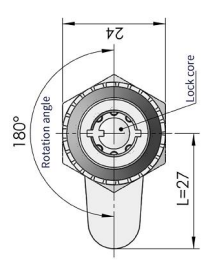
Max torque: 5N.m

Recommended nut tightening torque: 20N.m

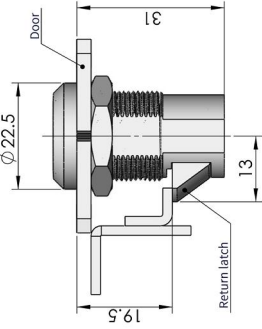


MS824Z3A000001

Remarks: Default cam S1V2700

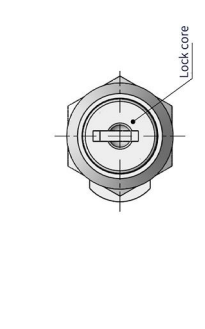


ERP



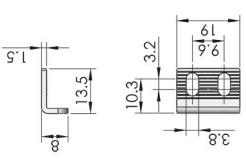
MS826Z3A160001

ERP



ERP

Catcher (Optional)



Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, white zinc plated cam

Application: Automatic reset locked

Remarks: Default key K160

Performance details:

Max static load: 340N

MS826



Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, white zinc plated cam

Application: Automatic reset locked

Remarks: Default key K160

Performance details:

Max static load: 340N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Pan lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS826-8D

IP55

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826-15

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

MS844Z3A000001

Specification

Material: Zinc alloy housing, handle, steel cam

Finish: Bright chrome plated housing, handle; white zinc plated cam

Application: Quarter turn rotation opening or closing

Default cam: S1W16Y00001

Performance details:

Max static load: 180N

MS826Z3A000005

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome+ varnish brush housing and lock core, white zinc plated cam; 120 hours salt-spray test

Performance details:

Max static load: 340N

MS826Z3A000001

Specification

Material: Zinc alloy housing, lock core, cam

Finish: Bright chrome plated housing, handle, steel cam

Application: Automatic reset locked

Remarks : Default key K72-3, can meet 500 groups keyed differently

Performance details:

Max static load: 800N

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Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
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MS845-1



MS845-3



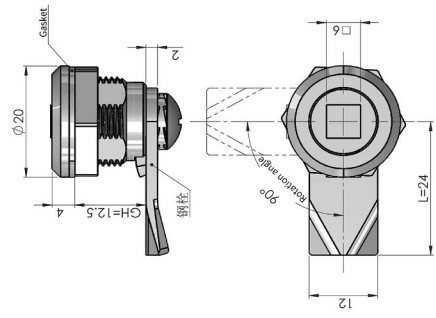
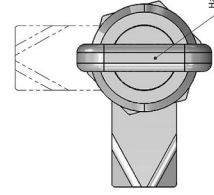
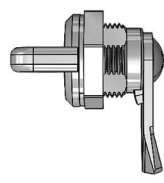
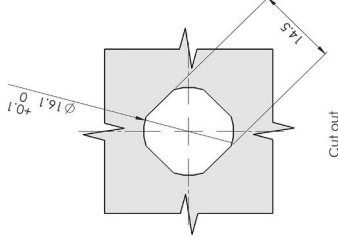
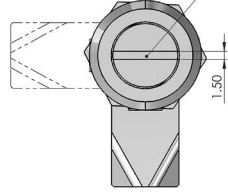
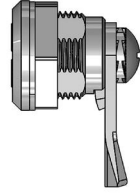
Specification

Material: Zinc alloy housing, lock core/steel cam
Finish: Plastic(black matte) housing, lock core; white zinc plated cam
Application: Quarter-turn opening or closing

Default cam: S1V24Y00001

Performance details:

Max static load: 220N



Specification	Part number	ERP
6X6 Square	MS845Z3A105001	
Slotted recess	MS845Z1A10007	
handle type	MS845Z1A000013	

Remarks: Default cam S1V2400 (cut out6x6)

MS845-5



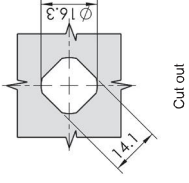
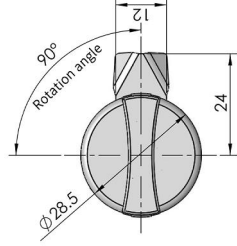
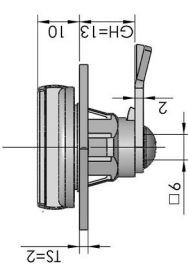
Specification

Material: Nylon housing, handle
Finish: White zinc plated steel screw
Remarks: Fast installed housing, cam DSIV serial optional

Cam ERP: S1V24Y00001

Performance details:

Max static load: 220N



ERP

MS845N000000001

Remarks: Default cam S1V2400

MS845-7B

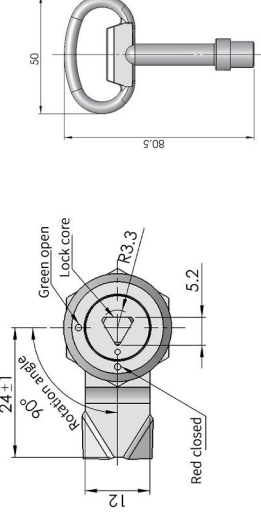
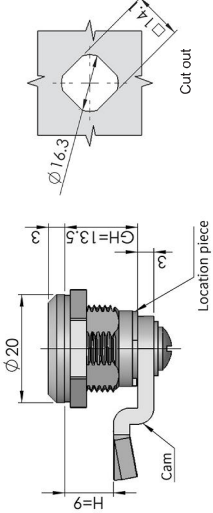


Specification

Material: Stainless steel housing, lock core/positioning device, cam
Application: 90° rotation, positioned by positioning device. Positioning device is adjustable to realize left hand rotation and right hand

Performance details:

Max static load: 270N

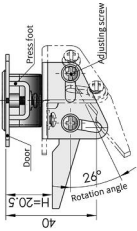
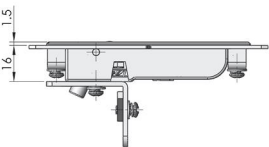
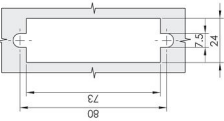
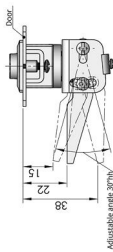
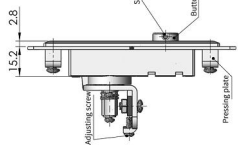
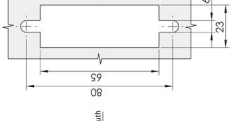


ERP

MS845S00T30001

PLANE LOCK SERIES

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
MS703  Specification Material: Zinc alloy lock body and steel cam Finish: Bright chrome plated lock body and white zinc plated cam Application: Quick open,easy assembling,by adjusting the cam screw to change the H and L of cam. Performance details: Handle bearing capacity : ≤350N Max static load: 350N			MS707  Specification Material: Zinc alloy housing and lock core, steel cam. Finish: Blast spraying and nickel plated housing, handle and button, white zinc plated cam. Application: Quick open,easy assembling,by adjusting the cam screw to change the H and L of cam. Performance details: Handle bearing capacity : ≤900N Max static load: 350N							
   Cut out Specification Part Number ERP Cam opening from left rotation MS703-Z MS703Z3A000001 Cam opening from right rotation MS703-Y MS703Z3A000003			   Cut out Specification Part number ERP With lock core MS707 MS707Z3D000001 With lead sealable button MS707 MS707Z3D000003 MS707Z3D000002 MS707Z3D000004							

MS708



Specification

Material: Zinc alloy housing, handle and button, steel screw
Finish: Sand-blast and bright chrome plated housing, handle and button, white zinc plated screw.
Application: Quick-open, easy assembling, adjusting screw to meet the need of distance control.

Performance details:

Handle bearing capacity: $\leq 285\text{N}$
 Max static load: 200N

MS710



Specification

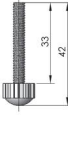
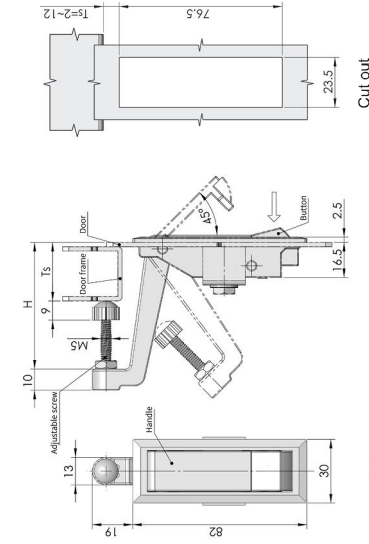
Material: Zinc alloy housing, handle and lock core, steel support and cam
Finish: Nanometer painted housing and handle, white zinc plated support and cam
Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on.

Remarks: Default Key K010

Default cam: S3C62Y00004

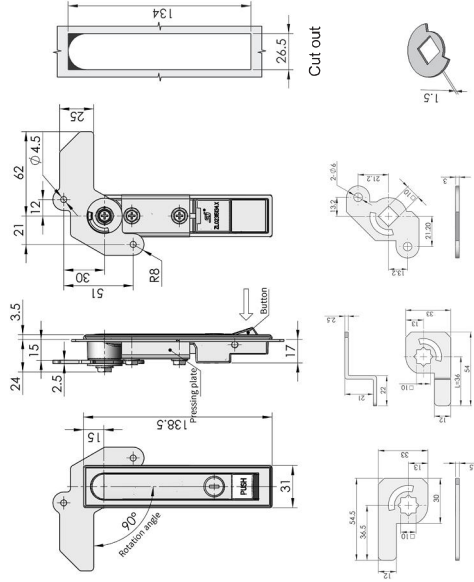
Performance details:

Handle tension capability: $\leq 220\text{N}$
 Handle torque capability: $\leq 11\text{N.m}$
 Max static load: 380N



Remark: Default adjustable screw, others on request;

Specification	Part number	ERP
H=46.5	MS708-1	MS708Z3H000002
H=59.5	MS708-2	MS708Z3H000004
H=24	MS708-3	MS708Z3H000006



Remarks: Change the fitting position of position device/cam to adjust the height, the thickness of the position device is 1.5mm. Change the fitting direction to suit RH or LH application

Optional cam S3C2100

Optional cam S3C3700D

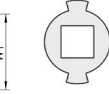
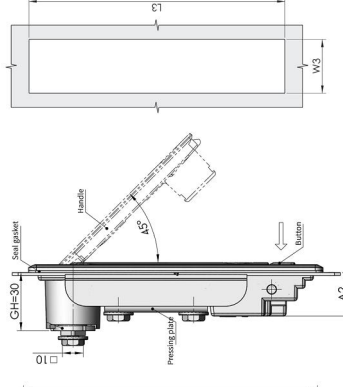
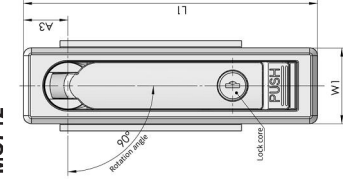
Optional cam S3C3821D

Remarks: Optional cam refer to drawings

ERP MS710Z2B010007

Remarks: The default cam is S3C6200D

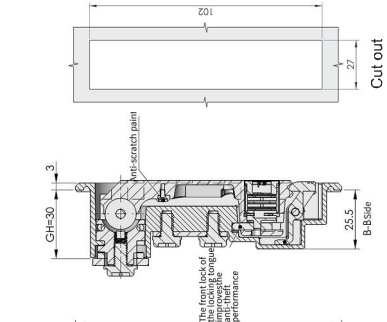
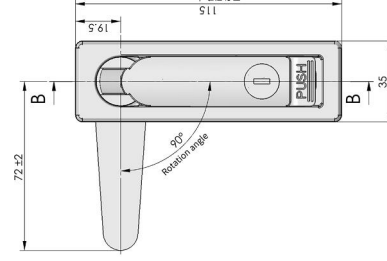
MS712



Remark: Change the fitting position or angle of position device and cam to realize LH or RH application

Part Number	ERP	L1	L3	W3	GH	A2	A3	cam	Default key
MS712	MS712Z2B040024	149	139.5	38	29.5	30	22	22.5	S1C7200 K040
MS712-2A	MS712Z2B110017	132	124	33.5	27.5	30	22	17	S1C7200 K110
MS712-3A	MS712Z2B110015	92	84	33.5	27.5	30	22	17	S1C7200 K110
MS713	MS713Z2B090046	110	102	33.5	27	30	22	17	S1C6200 K090

MS713-Q



ERP MS713Z2B090010

Remarks: The default cam is S1C7200

MS712
MS713



MS713-Q



Specification

Material: Zinc alloy housing, handle and lock core, steel support and cam
Finish: Nanometer painted housing and handle, white zinc plated support and cam
Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on

Remarks: The default key of MS713-Q is K040

ERP of cam: S1C72Y00002(default)

Performance details:

MS712: Handle bearing capacity: $\leq 690\text{N}$
 Handle torque capacity: $\leq 42\text{N}$
 MS713: Handle bearing capacity: $\leq 510\text{N}$
 Handle torque capacity: $\leq 40\text{N}$
 Max static load: 265N

MS717-1



Specification

Material: Zinc alloy housing and handle, steel support and cam.

Finish: Black painted housing and handle, white zinc plated support and cam

Application: Quick-open, easy assembling, H variable through cam bending

ERP of Cam: S1B73Y000001(default)

Performance details:

Handle bearing capacity: $\leq 140N$

Handle torque capacity: $\leq 17N.m$

Max static load: 150N

MS717-2



Specification

Material: Zinc alloy housing and handle, steel support and cam

Finish: Black painted housing and handle, white zinc plated support and cam

Application: Quick-open, easy assembling, H variable through cam bending.

ERP of Cam: S1B73Y000001(default)

Performance details:

Handle bearing capacity: $\leq 125N$

Handle torque capacity: $\leq 17N.m$

Max static load: 150N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

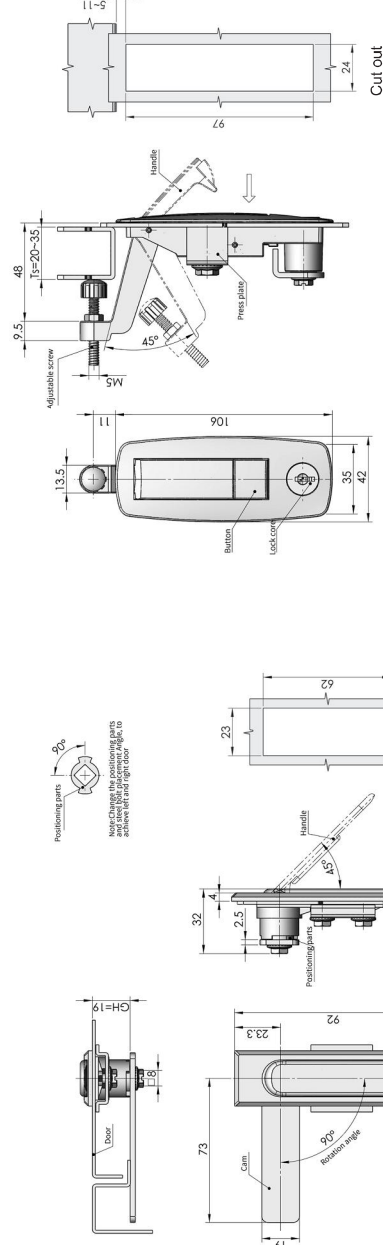
Handles

Door stop

Hinge

Seal gasket

MS718



Specification

Material: Zinc alloy housing, handle, lock core and button, Steel screw

Finish: Black powder coated (black matte) housing, handle and button, white zinc plated screw.

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

Remarks: Default key K1.80

Performance details:

Handle bearing capacity: $\leq 750N$

Max static load: 200N

Remarks: Default adjusting screw, Others on request;

ERP

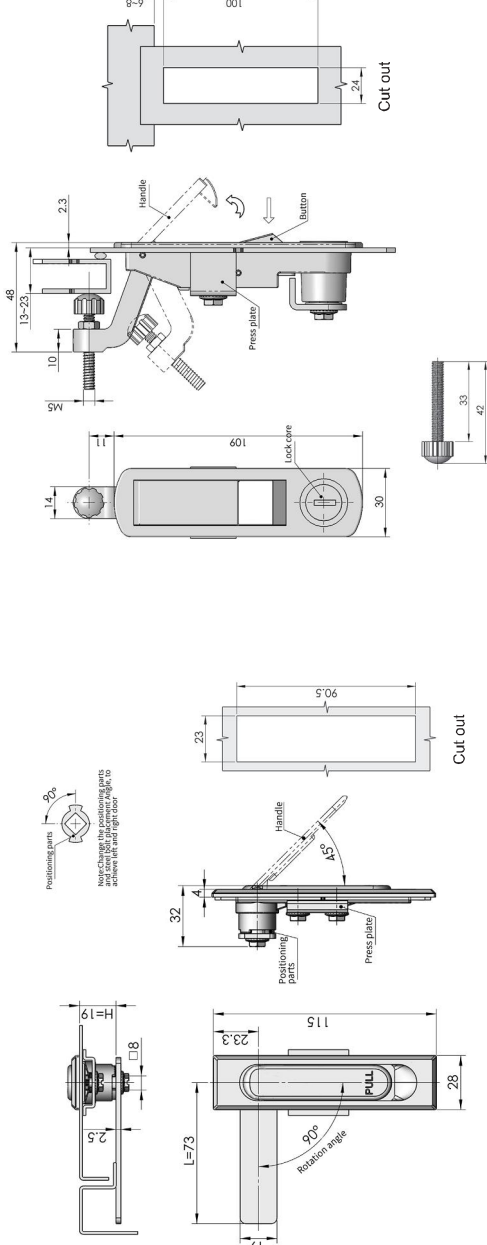
MS718Z1A180001

Remarks: Default cam is S1B7300 (rhombic hole)

ERP

MS717Z2A000002

MS718-2



Specification

Material: Zinc alloy housing, handle, lock core and button, Steel screw

Finish: Black powder coated (black matte) housing, handle and button, white zinc plated screw.

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

Remarks: Default key K1.60

Performance details:

Handle bearing capacity: $\leq 540N$

Max static load: 200N

Remarks: Default adjusting screw, Others on request;

ERP

MS718Z1A160016

Remarks: Default cam is S1B7300 (rhombic hole)

ERP

MS717Z2A000009

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS718-3



Specification

Material: Zinc alloy housing, handle, lock core and button, steel screw
Finish: Black powder coated (black matte) housing, handle, lock core and button, white zinc plated screw
Application: Quick-open, easy assembling, by adjusting screw meets the need of distance control.
Shockproof function
Remarks: Default key K160
Performance details:
 Handle bearing capacity : $\leq 1500\text{N}$
 Max static load : 290N

Performance details:

Handle bearing capacity : $\leq 1500\text{N}$
 Max static load : 290N

MS718-3C



Specification

Material: Zinc alloy housing, handle, button, foot connector, steel support and screw
Finish: Bright chrome plated housing, handle, and button, white zinc plated foot, connector, support and screw
Application: Quick-open, easy assembling, adjust nut to fit different H
Remarks: Default key K650
Performance details:
 Handle bearing capacity : $\leq 1300\text{N}$
 Max static load : 290N

Performance details:

Handle bearing capacity : $\leq 1300\text{N}$
 Max static load : 290N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS718-4C



Specification

Material: Zinc alloy housing, handle, button, foot connector, steel support and screw
Finish: Bright chrome plated housing, handle, and button, white zinc plated foot, connector, support and screw
Application: Quick-open, easy assembling, adjust nut to fit different H
Remarks: Default key K650
Performance details:
 Handle bearing capacity : $\leq 790\text{N}$
 Max static load : 290N

Performance details:

Handle bearing capacity : $\leq 790\text{N}$
 Max static load : 290N

MS719-1C

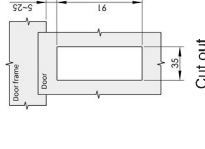
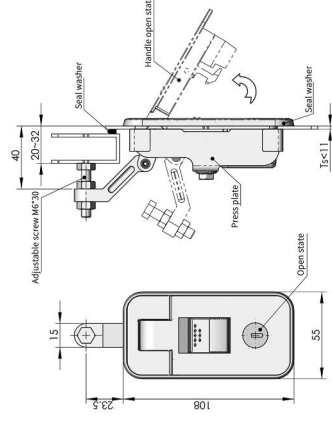


Specification

Material: Zinc alloy housing, handle, lock core and button steel screw
Finish: Black painted housing, handle, lock core and button, white zinc plated screw
Application: Quick-open, easy assembling, by adjusting screw meets the need of distance control
Remarks: Default key K020
Performance details:
 Handle bearing capacity : $\leq 500\text{N}$
 Max static load : 200N

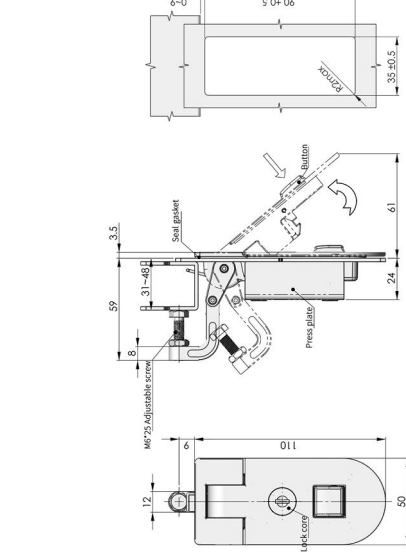
Performance details:

Handle bearing capacity : $\leq 500\text{N}$
 Max static load : 200N



MS718Z3A650002

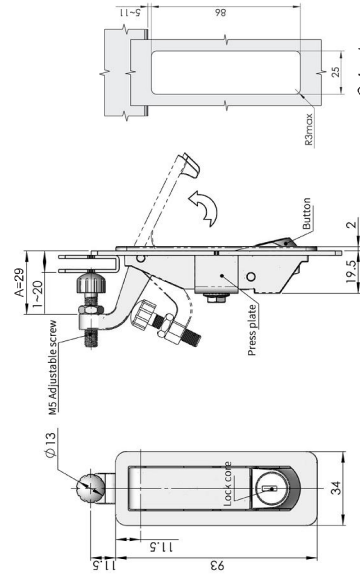
ERP



Cut out

MS718Z1A160006

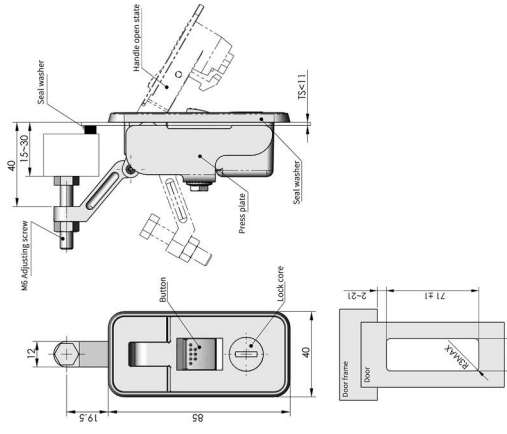
ERP



Cut out

Remarks: Default adjusting screw, Others on request.;

specification	Part Number	ERP	Part Number	ERP
With lock core	MS719-1C	MS719Z2A020001	MS719-2C	MS719Z2A020002
Without lock core	MS719-1CA	MS719Z2A000001	MS719-2CA	MS719Z2A000002



Cut out

MS718Z3A650001

ERP

MS719-1U



Specification

Material: Zinc alloy housing, handle, lock core and button steel cam and support
Finish: Sand blast black painted housing, handle, lock core and button, white zinc plated cam and support
Application: Press button and the handle bounce automatically, put up the handle to open

Performance details:

Handle bearing capacity : $\leq 200\text{N}$
 Max static load: 200N

MS723



Specification

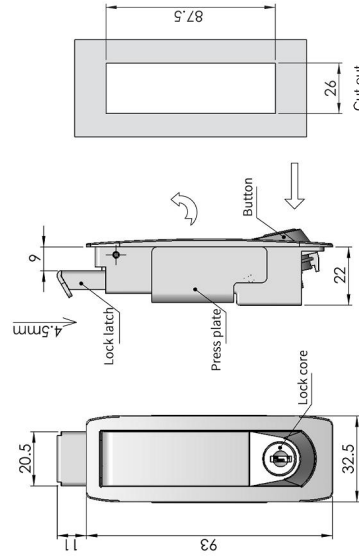
Material: Zinc alloy housing, handle, steel cam and button steel cam and support
Finish: Nanometer painted housing and handle white zinc plated cam
Application: Open the handle upward, quarter turn opening
Remarks: Default key K083

Default cam: S3B65Y00002

Performance details:

Handle bearing capacity: $\leq 130\text{N}$
 Handle torque capacity: $\leq 18\text{N}\cdot\text{m}$
 Max static load: 200N

MS723-2

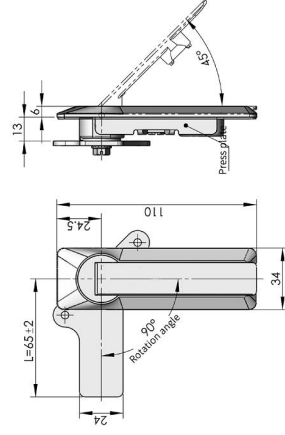


ERP

MS723Z2B080001

Remarks: Default cam is S3B6500

MS723-3

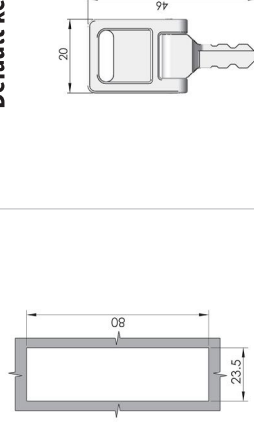


ERP

MS723Z2B000001

Remarks: Default cam is S3B6500

Default key



MS723-3



MS723-2



Specification

Material: Zinc alloy housing, handle
Finish: Nanometer painted
Application: Quarter turn opening or closing, adjust cam direction to realize RH or LH application

Remarks: Default key K08-4

Default cam: S3B65Y00002

Performance details:

Handle bearing capacity: $\leq 98\text{N}$
 Handle torque capacity: $\leq 14\text{N}\cdot\text{m}$
 Max static load: 200N

MS720



Specification

Material: Zinc alloy housing, lock core, zinc alloy button or PA button, steel cam
Finish: White zinc plated cam
Application: Quick-open, easy assembling, H variable

Default cam: S1D56V00002

Performance details:

Handle bearing capacity: ≤555N

Max static load: 350N

MS726-1



Specification

Material: Zinc alloy housing, handle, steel support and cam
Finish: White zinc plated support and cam
Application: Quick-open, easy assembling, H variable by adjusting screw with the function of telescopic

ERP of Cam: S1K45N13004

Performance details:

Handle bearing capacity: ≤420N

Max static load: 400N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS726-1A



Specification

Material: Zinc alloy housing, handle and lock core, steel support and cam
Finish: Sand spraying and chrome plated housing and handle, lock core, white zinc plated support and cam
Application: Quick-open, easy assembling, H variable by adjusting nut, with the function of telescopic

ERP of cam: S1K45N13004

Performance details:

Handle bearing capacity: ≤420N

Max static load: 400N

MS726-2



Specification

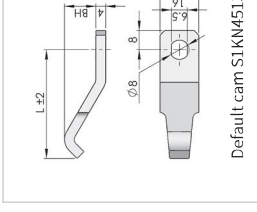
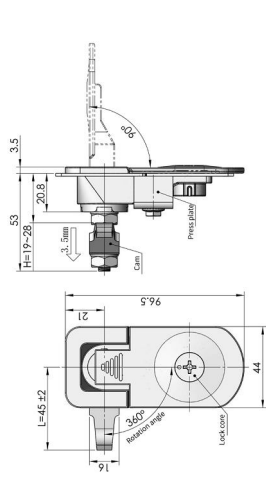
Material: Zinc alloy housing, handle, steel support and cam
Finish: White zinc plated support and cam
Application: Quick-open, easy assembling, H variable by adjusting nut, with the function of telescopic

ERP of cam: S1K36N06001

Performance details:

Handle bearing capacity: ≤280N

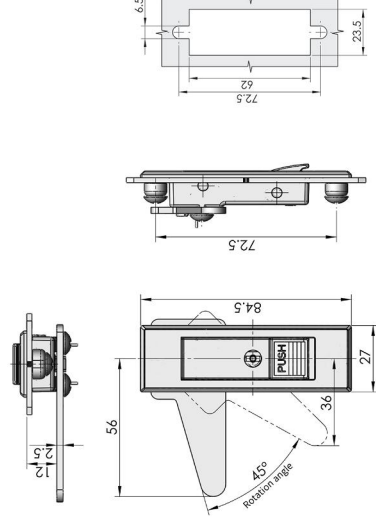
Max static load: 400N



Default cam S1KN4513

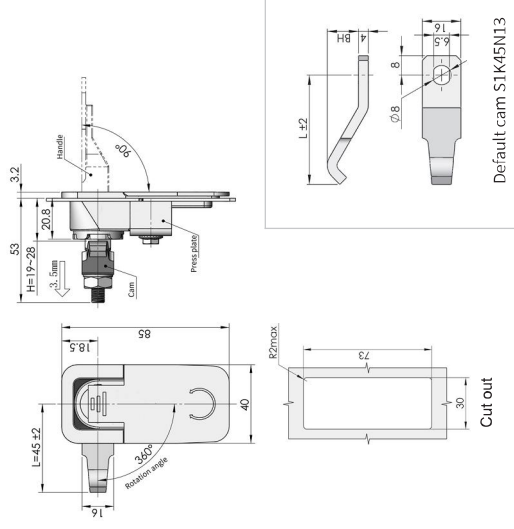
ERP

MS726Z3H000009



180 degree cam rotation to realize LH or RH (only for cam without bend)

Specification	Part Number	ERP
Zinc alloy button, with lock core	MS720-1	MS720Z3H000014
Zinc alloy button, without lock core	MS720-2	MS720Z3H000025
Zinc alloy red painted button, with lock core	MS720-1H	MS720Z3H000002



Default cam S1K45N13

ERP	MS726Z1A000011	MS726Z3A000001	MS726Z2B000015
Black powder coated housing, handle			
Black powder coated housing, handle			
Black powder coated housing, handle			

Remark/s: Default cam is S1K36N06 (Cut size Ø8x6.5)

ERP	MS726Z1A000013	MS726Z3A000002	MS726Z2B000004
Black powder coated housing, handle			
Black powder coated housing, handle			
Black powder coated housing, handle			

MS726-3



Specification

Material: Zinc alloy housing, handle, steel support and cam
Finish: Black painted housing and handle, white zinc plated support and cam
Application: Quick-open, easy assembling, H variable by adjusting nut, with the function of telescopic

ERP of Cam: **S1W21N09001**

Performance details:

Handle bearing capacity: $\leq 745N$
Max. static load: 220N

MS727



Specification

Material: Zinc alloy housing, handle and lock core, steel support and cam
Finish: Black powder coated housing and handle, white zinc plated support and cam
Application: Quick-open, easy assembling, H variable by adjusting nut, with the function of telescopic

Remarks: Default key K020

ERP of Cam: **S1K45N13004**

Performance details:

Handle bearing capacity: $\leq 690N$
Max. static load: 430N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS728



Specification

Material: Zinc alloy housing, lock core, zinc alloy button or PA button, steel cam
Finish: White zinc plated cam
Application: Quick-open, easy assembling, H variable through cam bending

ERP of Cam: **S1D56Y00002**

Performance details:

Handle bearing capacity: $\leq 500N$
Max. static load: 350N

MS730



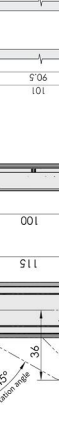
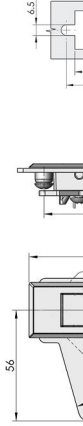
Specification

Material: Zinc alloy housing, lock core, button, steel cam
Application: Quick-open, easy assembling, H variable, bend the cam to suit the different 0 Remarks: Default key K200

ERP of Cam: **S1D56Y00002**

Performance details:

Handle bearing capacity: $\leq 600N$
Max. static load: 350N



180 degree cam rotation to realize LH or RH (only for cam without bend)

ERP

Nanometer painted S_3 and blast chrome painted

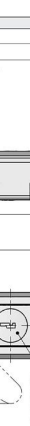
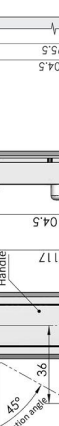
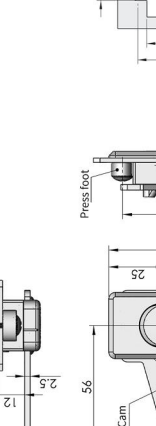
Part Number

MS728-1

MS728-2

Zinc alloy button, with lock core

Zinc alloy button, without lock core



180 degree cam rotation to realize LH or RH (only for cam without bend)

ERP

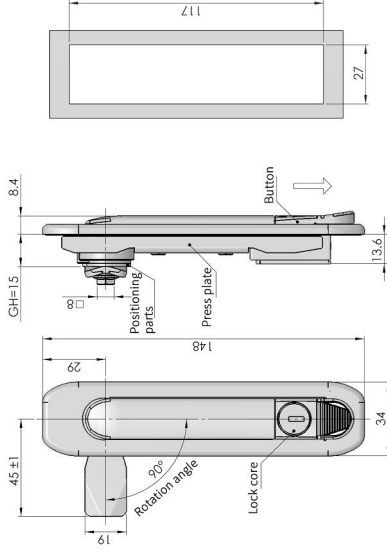
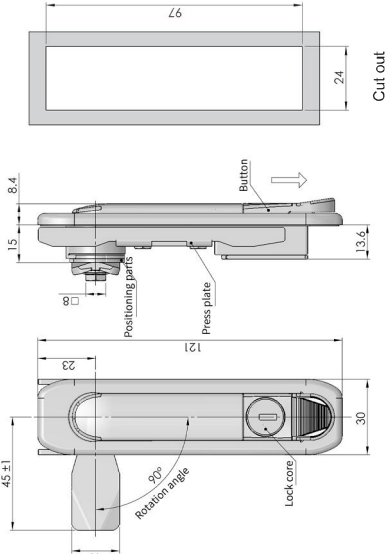
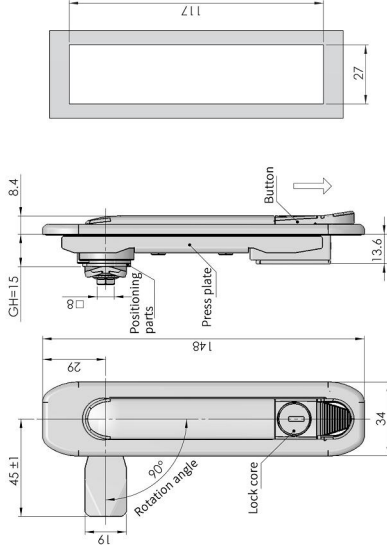
Black painted housing, handle

MS730Z2A200001

Nanometer painted housing, handle

MS730Z2B200018

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
MS732  RL Specification Material: Zinc alloy housing, handle, button, steel cam Finish: Bright chrome plated housing, handle, and button, white zinc plated cam Application: Quick-open, easy assembling, H variable through cam bending ERP of Cam: S1D56Y00002 Performance details: Handle bearing capacity: ≤555N Max. static load: 350N			 RL Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing and handle, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on. Remarks: Default key K060 ERP of Cam: 2893240002 Performance details: Handle bearing capacity: ≤98N Max. static load: 270N Handle bearing capacity: ≤14N.m							
 ERP MS732Z3A000005 180 degree cam rotation to realize LH or RH (only for cam without bend)			 ERP MS737Z2B10008 Remarks: The default cam is S1B4500 (Option □8x8 cam)							
MS732  RL Specification Material: Zinc alloy housing, handle, button, steel cam Finish: Bright chrome plated housing, handle, and button, white zinc plated cam Application: Quick-open, easy assembling, H variable through cam bending ERP of Cam: S1D56Y00002 Performance details: Handle bearing capacity: ≤555N Max. static load: 350N			 RL Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing and handle, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Default key K110 ERP of Cam: S1B45Y00002 Performance details: Handle bearing capacity: ≤340N Handle torque capacity: ≤11N.m Max. static load: 270N							

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket									
MS738    Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Default key K11-3 ERP of Cam: S1A45Y00004(default) Performance details: Handle bearing capacity: ≤250N Handle torque capacity: ≤14N.m Max. static load: 270N				MS738-1A  Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Default key K020 ERP of Cam: S1B45Y00005 Performance details: Handle bearing capacity: ≤690N Max. static load: 270N Handle torque capacity: ≤40N.m															
MS738    Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Default key K11-3 ERP of Cam: S1A45Y00004(default) Performance details: Handle bearing capacity: ≤250N Handle torque capacity: ≤14N.m Max. static load: 270N				MS738ZB020002  ERP Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Change the fitting position of position device and cam to adjust the height, thickness of position device is 1.5mm. Change the fitting direction to suit RH or LH application ERP of Cam: S1A45Y00004(default) Performance details: Handle bearing capacity: ≤250N Handle torque capacity: ≤14N.m Max. static load: 270N							MS738ZB020001  ERP Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, white zinc plated support and cam. Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Change the fitting position of position device and cam to adjust the height, thickness of position device is 1.5mm. Change the fitting direction to suit RH or LH application ERP of Cam: S1B45Y00005 Performance details: Handle bearing capacity: ≤510N Max. static load: 270N Handle torque capacity: ≤40N.m								
MS738    Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Default key K11-3 ERP of Cam: S1A45Y00004(default) Performance details: Handle bearing capacity: ≤250N Handle torque capacity: ≤14N.m Max. static load: 270N				MS738ZB020002  ERP Specification Material: Zinc alloy housing, handle and lock core, steel support and cam Finish: Nanometer painted housing, handle, button, white zinc plated support and cam Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on Remarks: Change the fitting direction of position device and cam to realize RH or LH application; <table><tr><th>Specification</th><th>Part Number</th><th>ERP</th></tr><tr><td>With lock core</td><td>MS738ZB110009</td><td>MS738ZB110009</td></tr><tr><td>Without lock core</td><td>MS738-2</td><td>MS738ZB000002</td></tr></table> Remarks: The default cam is S1A4500							Specification	Part Number	ERP	With lock core	MS738ZB110009	MS738ZB110009	Without lock core	MS738-2	MS738ZB000002
Specification	Part Number	ERP																	
With lock core	MS738ZB110009	MS738ZB110009																	
Without lock core	MS738-2	MS738ZB000002																	

MS818



MS818-1S



MS818-1C



MS818-2C



Specification

Material: Zinc alloy handle and lock cylinder, aluminium alloy housing, steel support and cam
Finish: Black powder coated housing, handle bright chrome plated lock cylinder, white zinc plated support and cam
Application: Quick-open, easy assembling one-point locking or three-point locking function will be achieved with different cam mounted on.
Remarks: Default lock cylinder TC04-1, default key K040

ERP of Cam: S1C72Y00002

Performance details:

MS818-1S: Handle bearing capacity: $\leq 250\text{N}$
 Handle torque capacity: $\leq 30\text{Nm}$
 MS818-1C/2C: Handle bearing capacity: $\leq 430\text{N}$
 Handle torque capacity: $\leq 25\text{Nm}$
 Max. static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

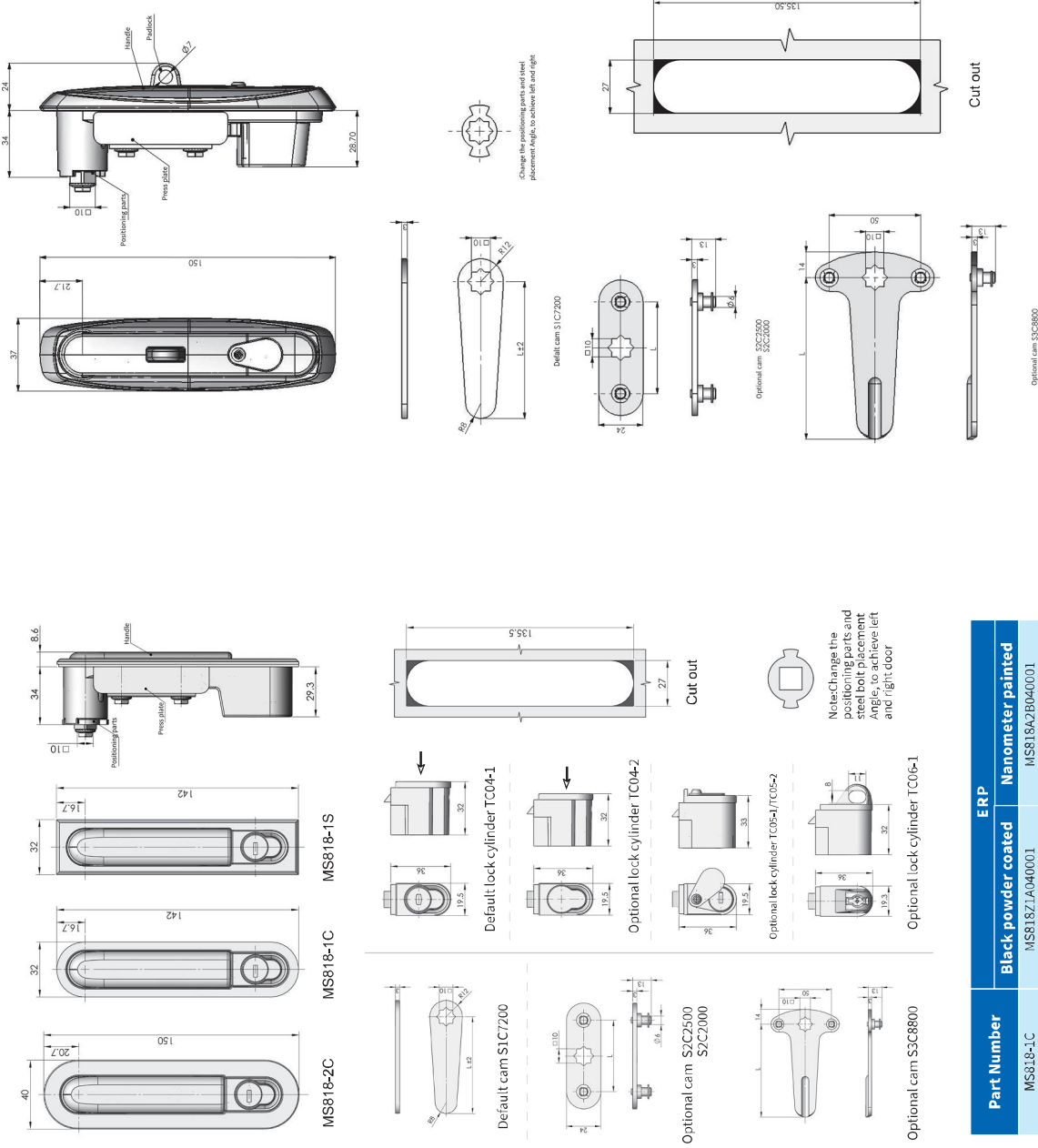
Seal gasket

MS818-1A



Specification

Material: Aluminium alloy housing, zinc alloy handle and lock cylinder, steel support and cam
Finish: Black painted housing, handle, bright chrome plated lock cylinder, white zinc plated support and cam
Application: Quick-open, easy assembling one-point locking or three-point locking function will be achieved with different cam mounted on.



Part Number	ERP	
	Black powder coated	Nanometer painted
MS818-1C	MS818Z1A040001	MS818A2B040001
MS818-2C	MS818A1A040003	
MS818-1S	MS818Z1A040003	MS818Z2B040003

ERP

MS818A2A720001

MS818-3B



RL

Specification

Material: Zinc alloy handle and lock cylinder, steel support and cam
Finish: Nanometer painted housing, handle, bright chrome plated lock cylinder, white zinc plated support and cam
Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on

Remarks: Default lock cylinder TC04-2,default key K040

ERP of Cam: S3C72Y00002(默认)

Performance details:

Handle bearing capacity: $\leq 500\text{N}$

Handle torque capacity: $\leq 28\text{N.m}$

Max.static load: 300N

MS818-5A



IP54

Specification

Material: Zinc alloy housing, handle, connector
Finish: Nanometer painted
Application: Quick-open, easy assembling, one-point locking or three-point locking function will be achieved with different cam mounted on.

Remarks: Default lock cylinder TC04-I, default
key K040

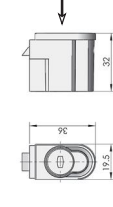
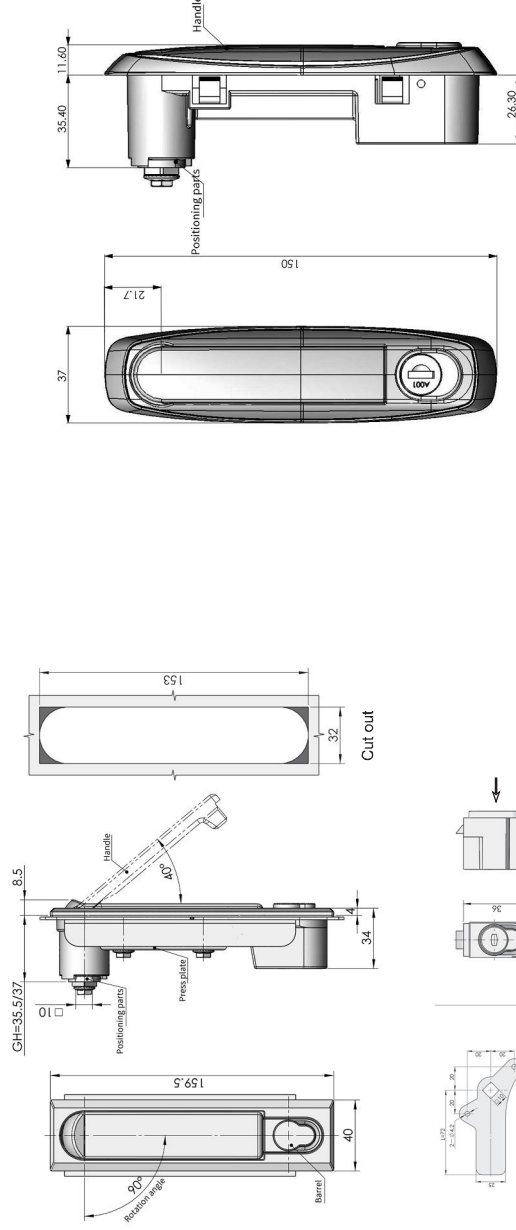
ERP of Cam: S1C72Y00002

Performance details:

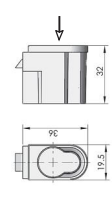
Handle torque capacity ≤ 35 N.m

Handle bearing capacity $\leq 25\text{N}$

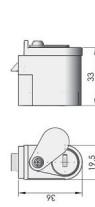
Key to unlock torque $\leq 25 \text{ N.m}$



Default lock cylinder TC04-1



Optional lock cylinder TC04-2



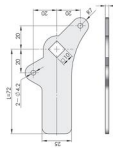
Optional lock cylinder TC05-1/TC05-2



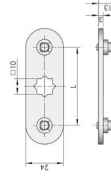
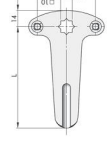
Optional cam S3C8800

Optional lock cylinder TC06-1

Remarks: Change the fitting direction of position device and cam to realize RH or LH application



Default cam S3C7200

Optional cam S2C2500
S2C2000

Optional cam S3C8800

MS818A2B040033

ERP MS818Z2B000002

Remarks: The default cam is S3C7200

MS834-5



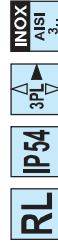
Specification

Material: Zinc alloy housing, handle and lock cylinder; stainless steel support
Finish: Black powder coated housing, handle, bright chrome plated lock cylinder
Application: Open the handle upward, quarter-turn opening or closing; pad lockable
Remarks: Default key K043

Performance details:

Handle bearing capacity: $\leq 310\text{N}$
Handle torque capacity: $\leq 33\text{N}\cdot\text{m}$
Tips: Tighten the lock cover is helpful to protect the lock cor
Max. static load: 300N

MS874



Specification

Material: Stainless steel lock body and cam, PA dish
Application: Open the handle upward, quarter-turn opening or closing
Remarks: Default lock cylinder TC01

ERP of Cam: 2882451002

Performance details:

Handle bearing capacity: $\leq 485\text{N}$
Handle torque capacity: $\leq 25\text{N}\cdot\text{m}$
Max. static load: 300N

MS839



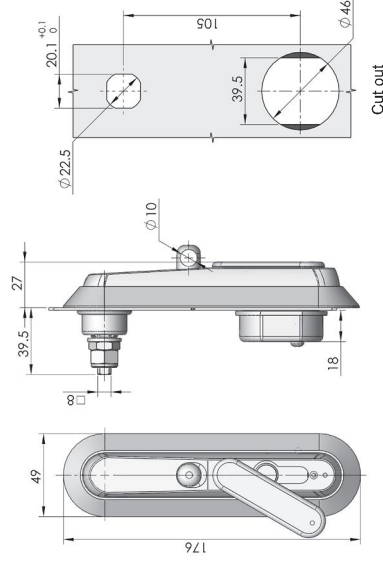
Specification

Material: Zinc alloy housing, handle and lock cylinder (optional PA housing); steel shaft, PA cam
Finish: Picked black powder coated housing, handle bright chrome plated lock cylinder
Application: Lead sealable, H variable by adjusting screw
Remarks: Default lock cylinder TC01, default key K140

ERP of Cam: 2888390001

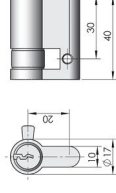
Performance parameter:

Handle bearing capacity: $\leq 700\text{N}$
Handle torque capacity: $\leq 40\text{N}\cdot\text{m}$
Max. static load: 300N

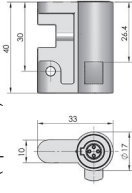


Remarks: 8*8 cam series for option

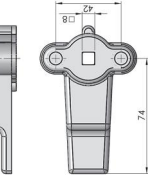
TC03-1 (Optional)



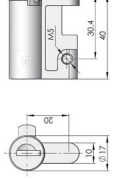
TC18 (Optional) — P128



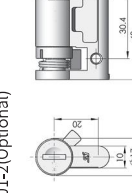
Default cam



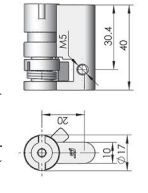
TC01 (Default)



TC01-2 (Optional)

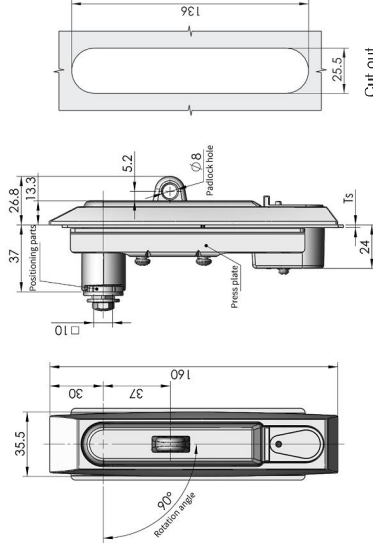


TC02-1 (Optional)



Specification	Part Number	ERP
Zinc alloy handle and housing (without padlock)	MS839-1	MS839Z1B031003
Zinc alloy handle and housing (with padlock)	MS839-1-P	MS839Z1B140002
Zinc alloy handle and PA housing (without padlock)	MS839-1F	MS839N00140008
Zinc alloy handle and PA housing (with padlock)	MS839-1F-P	MS839N00140002

Remarks: The default cam is S3B7400 (Optional) 8x8 cam

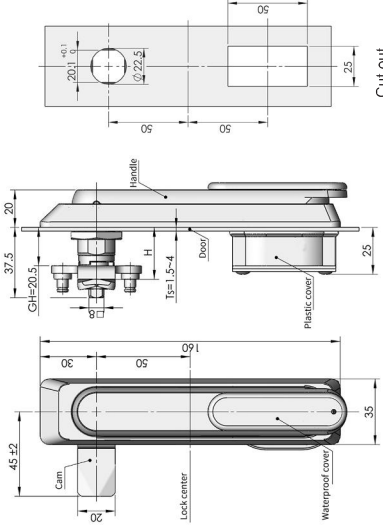


Cut out

MS834-5-P with padlock MS834-5 without padlock

ERP MS834Z1A043001 MS834Z1A043003

Remarks: ERP excludes cam (optional) 10x10, optional cam S3C5000.



Cut out

Remarks: Default cam S3B4510, H=20.5+1.0, default lock cylinder TC01; cam cutout square 8mm; optional cam, three-point, two-point or one-point cam, see cam list on P007.

ERP MS874S4B01001

Remarks: The default cam is S3B4510

MS839-5



Specification

Material: PA housing, zinc alloy handle, steel cam
Finish: Black, powder coated handle, white zinc plated cam
Application: 360 Degree handle rotation, padlockable lock cylinder adjustable
Remarks: Default lock cylinder TC01, default key K140

Performance details:

Handle bearing capacity: $\leq 630\text{N}$
 Handle torque capacity: $\leq 38\text{N}\cdot\text{m}$
 Max. static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS843



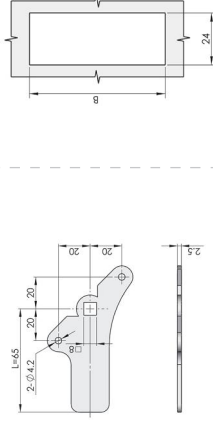
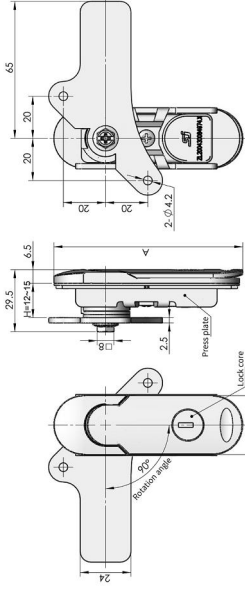
Specification

Material: Zinc alloy housing, handle and lock core, steel support and cam
Finish: Nanometer painted housing, handle, white zinc plated support and cam
Application: Open the handle upward, with cam 90° rotation opening
Remarks: Default key K080

ERP of Cam: S3B65Y00002

Performance details:

Handle bearing capacity: $\leq 180\text{N}$
 Handle torque capacity: $\leq 14\text{N}\cdot\text{m}$
 Max. static load: 190N

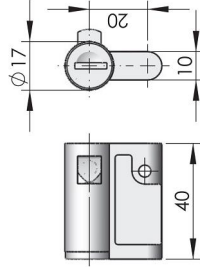


Default cam S3B6500

MS839-5-1 without padlock **MS839-5-1P with padlock**
 MS839N00140016 MS839T00140005

Remarks: The default cam is S3B4507 (Optional cam 8°8

TC01 (Default)



Specification	Part Number	ERP	With lock core	Part Number	Without lock core	ERP
A=S9 B=63	MS843-1	MS843Z2B080013	MS843-1A	MS843Z2B080011		
A=107 B=80	MS843-2	MS843Z2B080016	MS843-2A	MS843Z2B080012		
A=123 B=96	MS843-3	MS843Z2B080020	MS843-3A	MS843Z2B080005		

Remarks: Change the fitting position of position device and cam to adjust the height. Change the fitting direction to suit RH or LH application.

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS860



MS860-1 MS860-2



Specification

Application: The H dimension can be adjusted by nut, padlock available

ERP of Cam: 2882450007(stainless steel)

2882450002(white zinc plated steel)

Performance details:

Handle bearing capacity: $\leq 280\text{N}$

Handle torque capacity: $\leq 42\text{N.m}$

Max.static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS861



Specification

Material: Zinc alloy housing, handle, steel cam, stainless steel shaft

Application: Open the handle upward, quarter-turn opening or closing

Remarks: Default key K140

ERP of Cam: S3C44Y13005(Right)

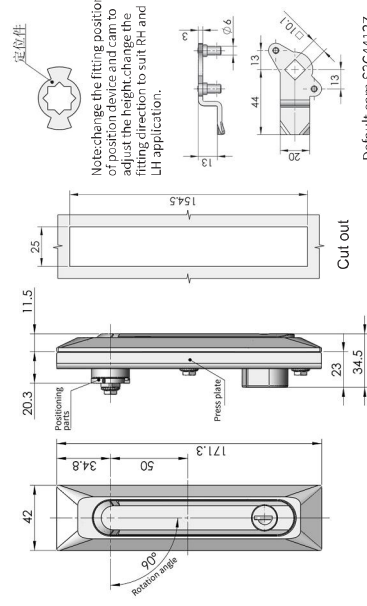
S3C44Y13002(Left)

Performance details:

Handle bearing capacity: $\leq 570\text{N}$

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

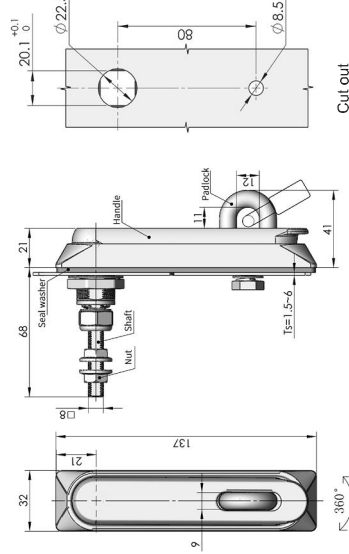
Max.static load: 300N



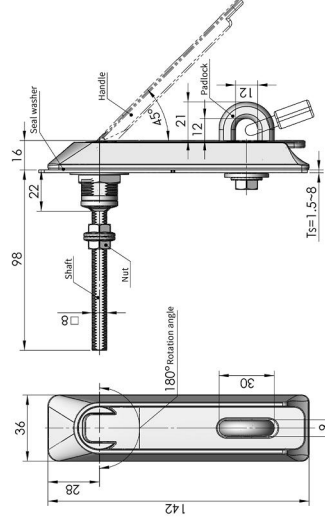
Default cam S3C4413Z (left cam)

ERP MS861Z1B140021

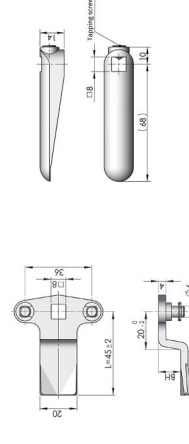
Remarks: The default cam is S3C4413Z (cut out $\square 10 \times 10$)



MS860-1



MS860-2



Optional cam S1B6800X

Material & Finish

Part Number	ERP	Material & Finish
MS860-1	MS860S4B000001	stainless steel (draw polishing)
MS860-2	MS860Z3G000001	yellow nickel plated zinc alloy

Default cam S3B4500

Material & Finish

Part Number	ERP	Material & Finish
MS861Z1B140017	MS861Z1B140003	Nonmetal painted housing, handle

Remarks: The default cam is S3B4510 (cut out $\square 8 \times 8$)

MS861-2



Specification

Material: Zinc alloy housing, handle and shaft, steel cam

Finish: White zinc plated cam

Application: Open the handle upward, quarter-turn opening or closing

Remarks: Default key K140

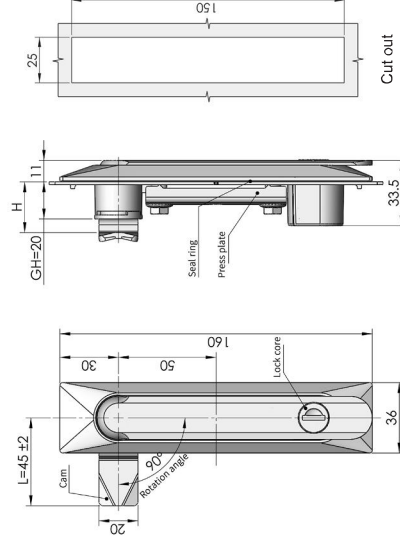
ERP of Cam: 2882451002

Performance details:

Handle bearing capacity: $\leq 390\text{N}$

Handle torque capacity: $\leq 12\text{N.m}$

Max.static load: 300N



Cut out

MS861-2A



Specification

Material: PA housing, handle, knob, steel support and cam

Finish: White zinc plated support and cam

Application: Refer to instruction along with product

Remarks: Default (key K1.40)

ERP of Cam: 2882451017

Performance details:

Handle bearing capacity: $\leq 60N$

Handle torque capacity: $\leq 5N.m$

Max. static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS861-2H



Specification

Material: Zinc alloy housing, handle, shaft

Application: Open the handle upward, quarter-turn opening

Remarks: Stainless steel shaft, optional cam S1B series or S3B series

Performance details:

Handle bearing capacity: $\leq 390N$

Handle torque capacity: $\leq 12N.m$

Max. static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

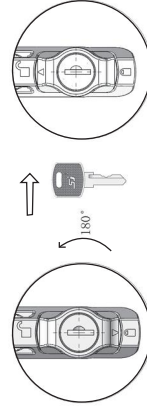
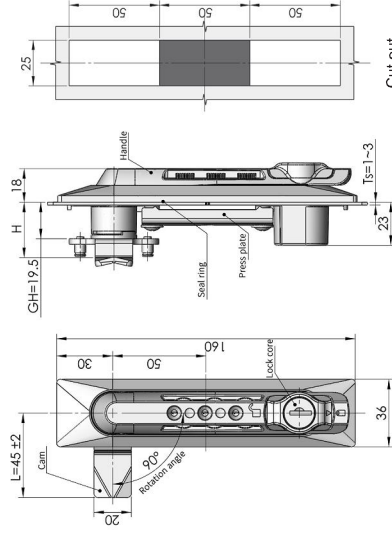
Handles

Door stop

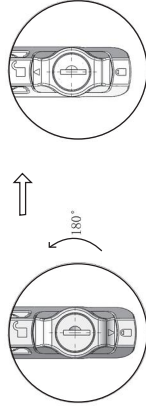
Hinge

Seal gasket

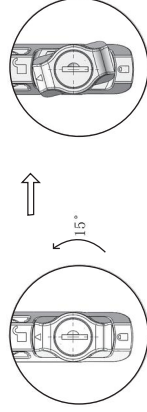
148



Use key to open the lock, without password



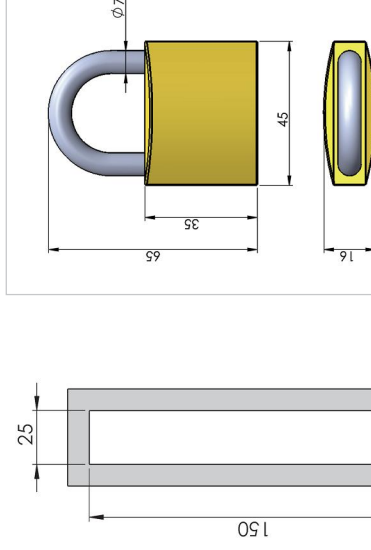
Enter password to open the lock, open lock with password instead of key, original password: "0,0,0"



Change the password (when it is correct), when knob indicates opening position, anti-clockwise rotation 15° to change the password.

ERP MS861N00140001

Remarks: The default cam is S3B4510 (Optional cam 8*8



MS8645Gpadlock
ERP 1120000024

ERP	Remarks
MS861ZX000001	without support
MS861ZX000002	with support

148

MS861-3



Specification

Material: PA handle,housing,drive box
Application: Quarter-turn opening and close
position device direction to suit RH or LH application
Remarks: Default key K193

ERP of Cam: S1B4SY00002(默认)

Performance details:

Handle bearing capacity: $\leq 115N$
Handle torque capacity: $\leq 10N.m$
Max.static load: 220N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

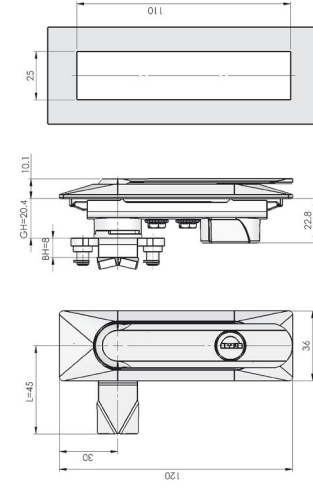
Toggle and hook

Handles

Door stop

Hinge

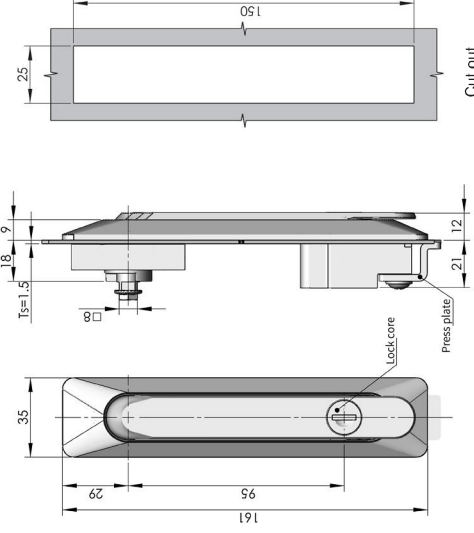
Seal gasket



Cut out

ERP

MS861Z1B140062



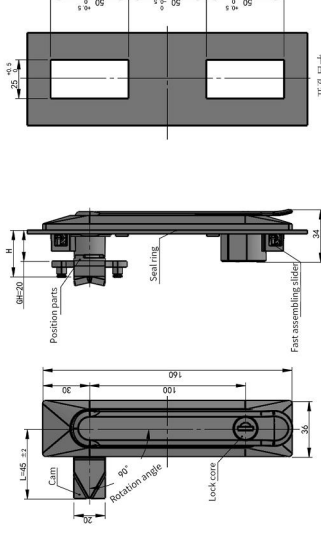
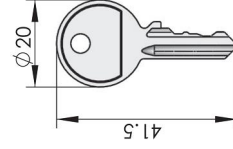
Cut out

ERP

MS861N00193004

Remarks: The default cam is S1B4500 (Optional cam 8*8

default key



开孔尺寸
Cut out

MS861-7-F



Specification

Material: Zinc alloy housing, handle, shaft, position device steel cam.
Finish: Black painted housing and handle,white zinc plated shaft,position device,cam
Application: 90° rotation to open or close, position device direction to suit RH or LH application

Remarks: Default key K14

Performance details:

Handle bearing capacity: $\leq 300N$
Handle torque capacity: $\leq 20N.m$
Max.static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS864-4



Specification

Material: Zinc alloy housing, handle
Finish: Black painted housing and handle (high salt mist resistance)

Application: 90° rotation to open or close, position device direction to suit RH or LH application, H variable padlockable

Remarks: Default lock cylinder TC03-5

ERP of Cam: 2888648002

Performance details:

Handle bearing capacity: $\leq 2500\text{N}$

Handle torque capacity: $\leq 21\text{N.m}$

Tips: Tighten the lock cover is helpful to protect the lock core

Max static load: 600N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS892-1A



Specification

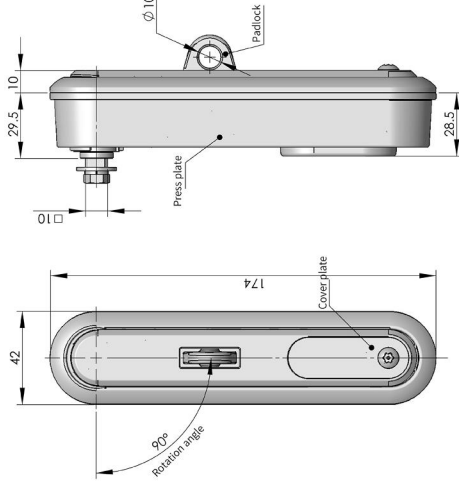
Material: Zinc alloy housing, handle
Finish: Black powder coated housing, handle
Application: 90° rotation to open or close, position device direction to suit RH or LH application, padlockable

Performance details:

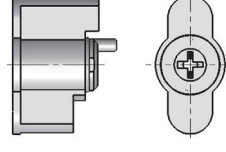
Handle bearing capacity: $\leq 690\text{N}$

Handle torque capacity: $\leq 45\text{N.m}$

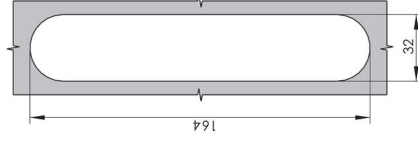
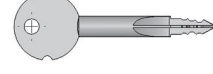
Tips: Tighten the lock cover is helpful to protect the lock core
Max static load: 600N



Default lock cylinder



Default key

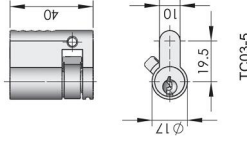


change the fitting direction to suit RH and LH application.

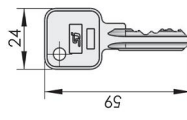
ERP MS892Z1AE02001

Remarks: ERP excludes cam (Optional cam 10*10)

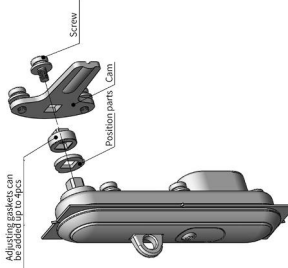
Exploded sketch



Default key



Exploded sketch



Change the fitting direction to suit RH and LH application.

MS864-4-3D no padlock MS864Z2EE03002

MS864-4-3D-P with padlock MS864Z2EE03003

Remarks: The default cam is S3C58Y00 (Optional cam 10*10)

ERP

MS892-6

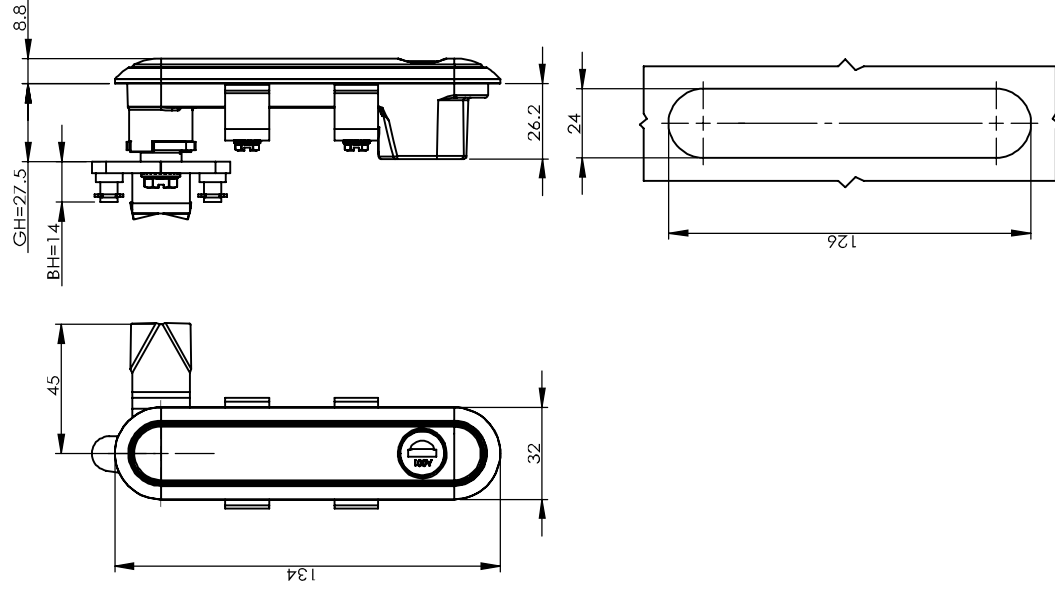


IP65

New

Specification

Material: Zinc alloy base, handle
Surface treatment: High salt spray
resistance paint (black)
Structure description: Rotating handle
to open or lock, changing the direction
of the positioning piece to achieve left
or right opening
Note: Comes with K72 key
Bolt: SJA35Y00005
Performance details:
Handle load capacity: $\leq 300\text{N}$
Handle torque capacity: $\leq 20\text{N.m}$



MS892ZZEE03071

ERP

ROD CONTROL LOCK SERIES

	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		

MS731-1



MS731-2



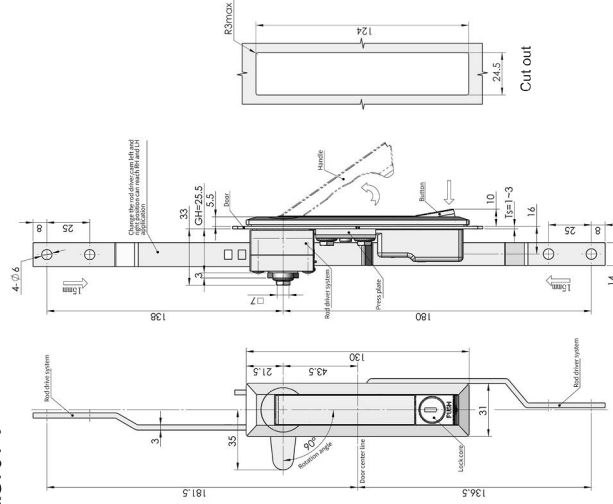
Specification

Material: Zinc alloy housing, handle, button, drive shell, cam, rod
 Finish: White zinc plated cam, rod
 Application: 90 degree rotation to open or close
 Remarks: Default Key K060

Performance details:

Handle bearing capacity: $\leq 350N$
 Handle torque capacity: $\leq 25N.m$

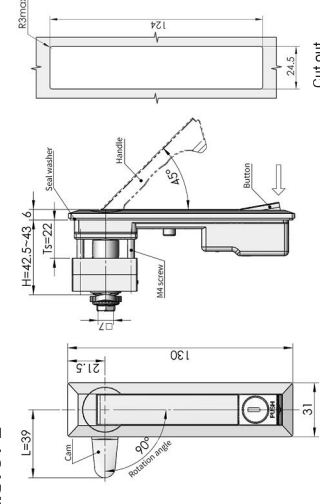
MS731-1



ERP	Black Painted Housing, Handle	Nanometer Housing, Handle
MS731Z2A060001	MS731Z2B060001	

Remarks: Default cam S1A3500

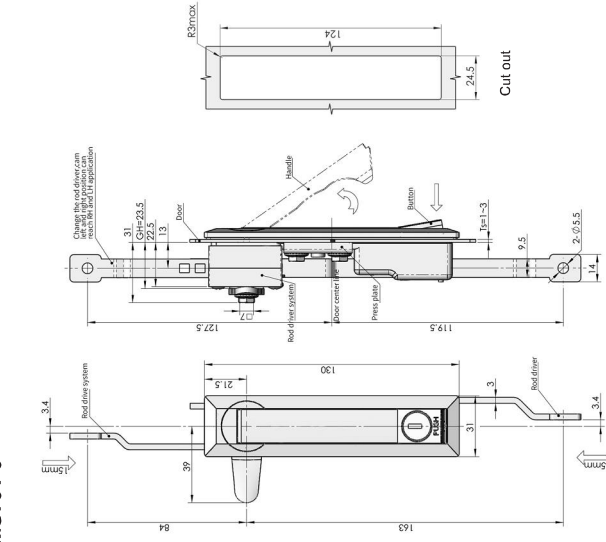
MS731-2



ERP	Black Painted Housing, Handle	Nanometer Housing, Handle
MS731Z2A060003	MS731Z2B060003	

Remarks: Default cam S1A3900

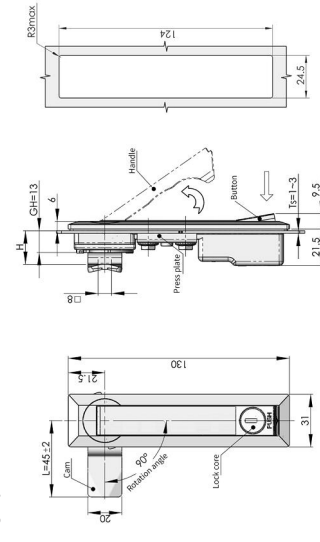
MS731-3



ERP	Black Painted Housing, Handle	Nanometer Housing, Handle
MS731Z2A060016	MS731Z2B060005	

Remark: Default cam S1A3900

MS731-4



ERP	Black Painted Housing, Handle	Nanometer Housing, Handle
MS731Z2A060006	MS731Z2B060023	

Remark: Default cam S1B4507 (Optional cam 8*8)

MS731-3



MS731-4



Specification

Material: Zinc alloy housing, handle, button, drive shell, cam, rod
 Finish: White zinc plated cam
 Application: 90 degree rotation to open or close
 Remark: Default key

Performance details:

Handle bearing capacity: $\leq 350N$
 Handle torque capacity: $\leq 25N.m$

MS731-6



Specification

Material: Zinc alloy housings, handle, button, bracket, cam, rod
 Finish : Nanometer housing, handle, button, white zinc plated cam, driveshell
 Application: Lock core 180 degree rotation to open press the button,the handle bounce automatically, rotation handle to open or close the door plate
 Remarks: Default key K6

Performance details:

Handle bearing capacity: $\leq 350N$
 Handle torque capacity: $\leq 25N.m$

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

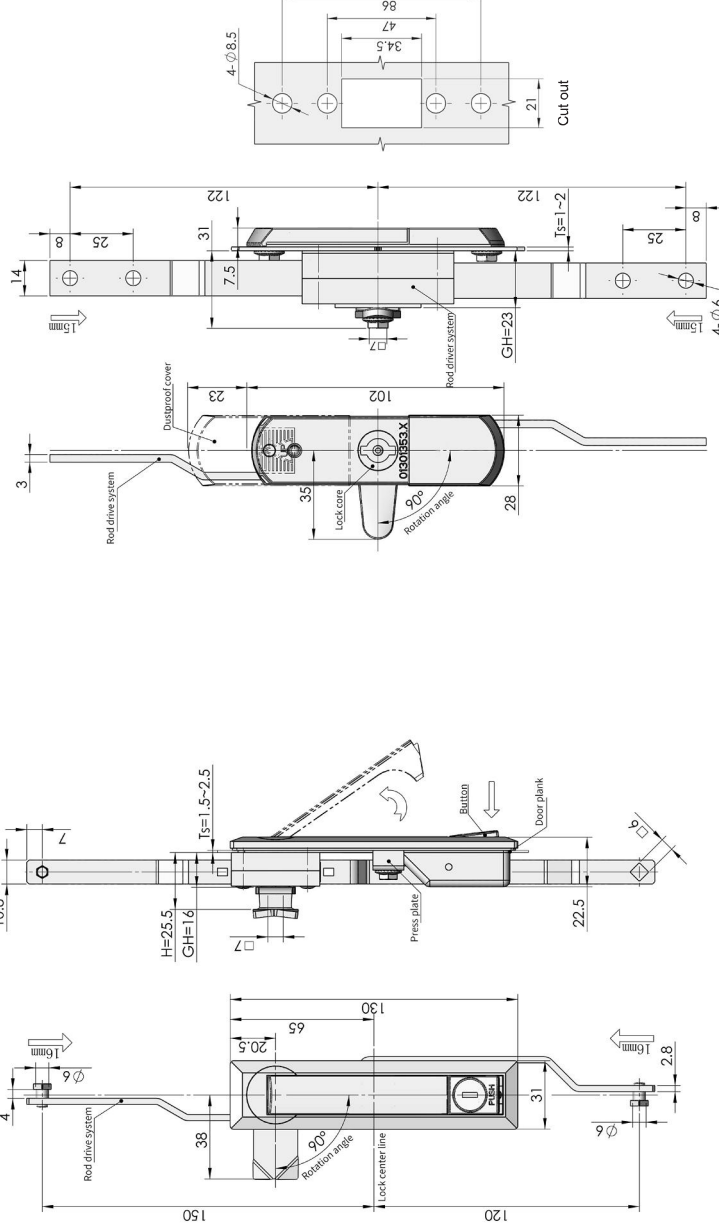
Seal gasket

MS820



Specification

Material: Zinc alloy cover, dust-proof Lock core, cam, rod
 Finish: Nanometer cover, dust-proof Lock core, cam, rod
 Application: 90degree rotation to open or close
 Remark : Default key K60
 Performance details:
 Input torque: $\leq 9N.m$



Remark: Keep rod and rod latch in place while removing the cam and insert, rotating the rod latch in 180° to suit RH OR LH application

Remarks:Change rod and cam position to suit RH or LH application

Description	Part Number	ERP
S Type Lock core	MS820-1	MS820Z2BT03001
triangle 8mm Lock core	MS820-3	MS820Z2BT04001
Cross-shaped Lock core	MS820-4	MS820Z2BE02003

Remark: Default cam S1A3500

Description	Part Number	ERP
LH	MS731-6-Z	MS731Z2B060007
RH	MS731-6-Y	MS731Z2B060008

Remarks: Default cam S1A3810

MS820-1A



R
L
IP40
3PL

Specification

Material: Zinc alloy Lock core, cam
multipoint linear actuator, PA shell
Finish: Nanometer cover, lock core, white zinc
plated cam
Application: 90 degree rotation to open or
close

Performance details:
Input torque: $\leq 3\text{N.m}$

MS821

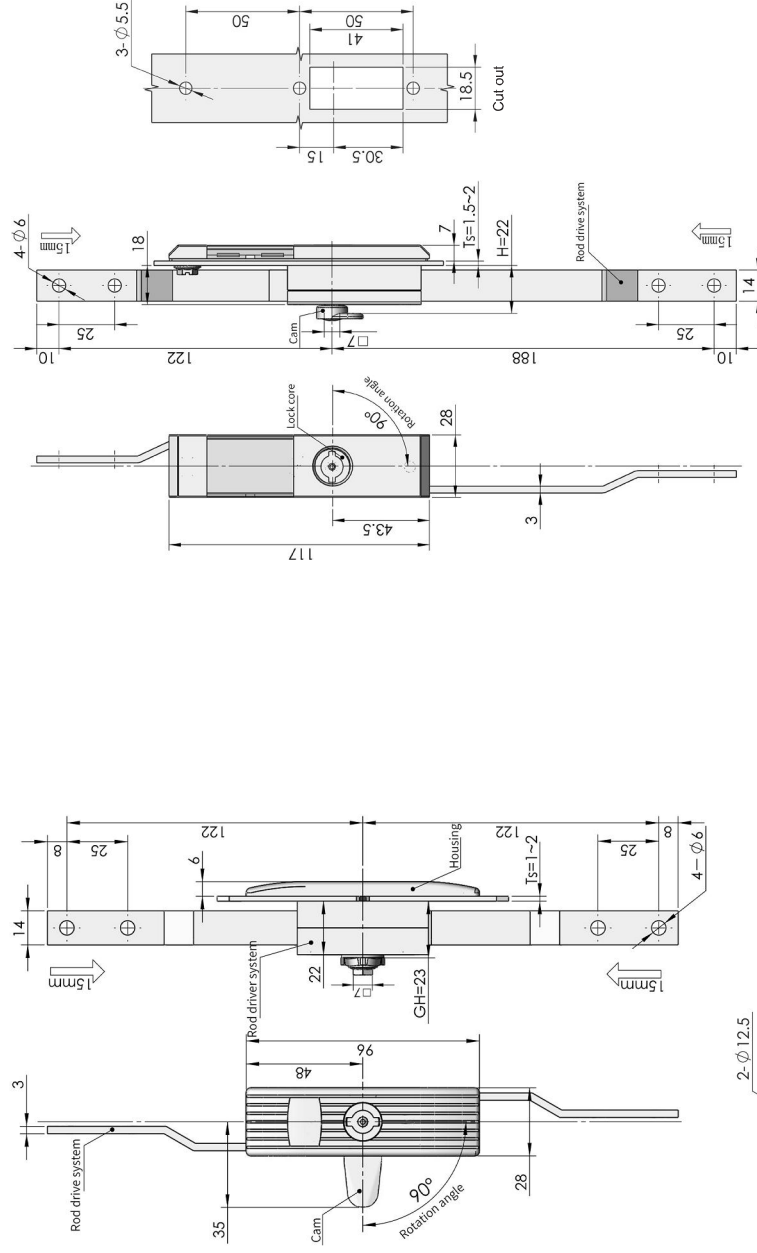


R
L
IP40
3PL

Specification

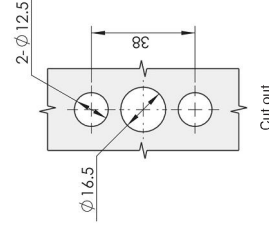
Material: Zinc alloy lock core,drive shell,ABS
 shell(yellow gray),cam, rod
 Finish: Bright chrome plated Lock core,white
 zinc-Plated cam, drive shell
 Application: 90degree rotation to open or close
 Remark: Default: key K60

Performance details:
Input torque: $\leq 3 \text{ N.m}$



Remark: Change rod and cam position to suit RH or LH Application

Remarks: Keep rod and rod latch in place while Removing the cam and lock core, rotating the rod latch in 180° to suit RH or LH application



ERP MS820N2BT03001

Remarks: Default cam S1A3500

ERP MS821N00T01001

MS821N00T01001

MS828-8-2D



RL

IP65



Specification

Material: Aluminum alloy base, zinc alloy handle, button, shaft; carbon steel plate, drive strip

Surface treatment: Base, handle, button, shaft with nano-matte finish; drive components with white zinc plating

Performance details:

Handle load capacity: $\leq 250\text{N}$

Handle torque: $\leq 30\text{N.m}$

IP rating: IP65

Accessories

Handle lock

Cylinder lock

Plane lock

lock control

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

ERP

MS828A2B020007

ERP

MS828A2B100004

Technical drawing of the 1000mm x 1000mm x 100mm model, showing top and side views with dimensions.

Top View Dimensions:

- Overall length: 152.2
- Overall width: 38.8
- Front flange width: 2.8
- Front flange thickness: 35 ± 0.8

Side View Dimensions:

- Overall height: 14
- Front flange height: 2.5
- Front flange thickness: 2.8 ± 0.3
- Front flange width: 13.6 ± 0.5
- Front flange depth: 60
- Front flange width: 29.6
- Front flange depth: 180 ± 1
- Front flange width: 122 ± 1
- Front flange depth: 25
- Front flange width: 25
- Front flange depth: 13.6 ± 0.5
- Front flange width: 2.8 ± 0.3
- Front flange depth: 14

Technical drawing of the 'Transmission' (传动箱) showing front and side views with dimensions and labels.

Front View (Top):

- Overall width: 148
- Overall height: 38
- Distance from top edge to center of button: 33
- Distance from bottom edge to center of button: 72
- Distance from left edge to center of button: 3
- Distance from center of button to right edge: 1.5
- Labels: 按钮 (Button), 铜芯 (Copper core), 绝缘护套 (Insulating sleeve), 90° (90° angle), 倒钩 (Hook).

Side View (Bottom):

- Overall length: 180
- Distance from front face to center of button: 13.1
- Distance from center of button to rear face: 60
- Distance from rear face to center of button: 25
- Distance from center of button to rear face: 1.5
- Labels: 压板 (Pressure plate), 传动箱轴 (Transmission box shaft), 压板 (Pressure plate).

[illegible]

Technical drawing of a mechanical part with dimensions:

- Overall width: 47
- Overall height: 26.5
- Top horizontal dimensions (from left): 3.5, 50, 45
- Vertical dimensions for the left section: 21
- Vertical dimensions for the right section: 26.5

开孔尺寸

Cut out

MS828-9



RL
3PL

Specification

Material: Zinc alloy housing, handle, Q235 cover, steel, cam, rod
Finish: Nanometer housing, handle white zinc plated cam, rod

Application: Lock core 180 degree rotation to open, press the button, the handle bounce automatically, rotation handle to open or close the door plate

Remark: Default key K72-3

Performance details:

Handle bearing capacity: $\leq 340\text{N}$

Handle torque capacity: $\leq 28\text{N}\cdot\text{m}$

MS829



Specification

Material: Zinc alloy housing, handle, button, steel cam, rod

Finish: Yellow gray powder coated housing, black powder coated handle, button, white zinc plated cam, drive shell

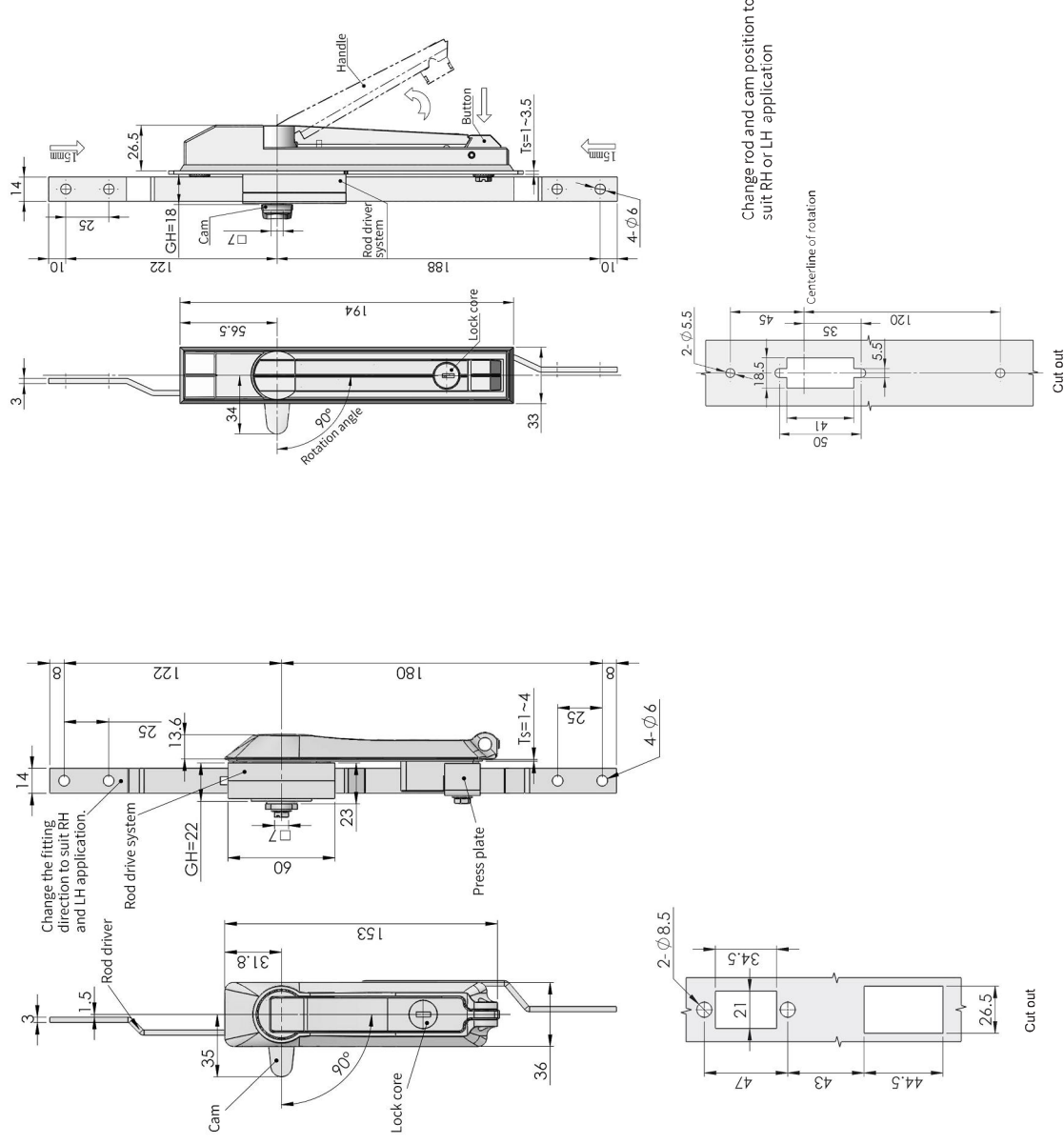
Application: Swivel handle for door opening
swivel handle for opening and closing the door
panel,external seal installation
Remarks: Default key K60

Remarks: Default key K600

Performance details:

Handle bearing capacity: $\leq 240\text{N}$

Handle torque capacity: $\leq 20\text{N.m}$



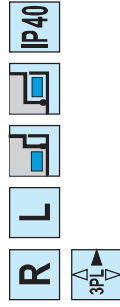
ERP MS829Z1E060001

Remarks: Default cam S1A3405

MS828Z2B720002

ERP

MS830



Specification

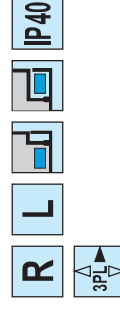
Material: Zinc alloy housing, handle, dust-proof cap, steel cam, rod
 Finish: White zinc plated cam, drive shell
 Application: Swivel handle to open and close door panels, seals can be installed outside and inside

Remark: MS830 default key K580
 MS830-3 default key K140

Performance details:

MS830: Handle bearing capacity : $\leq 225N$
 Handle torque capacity : $\leq 14N.m$
 MS830-3: Handle bearing capacity : $\leq 325N$
 Handle torque capacity : $\leq 20N.m$

MS830-3



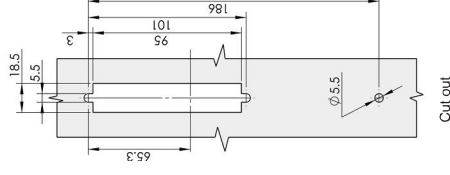
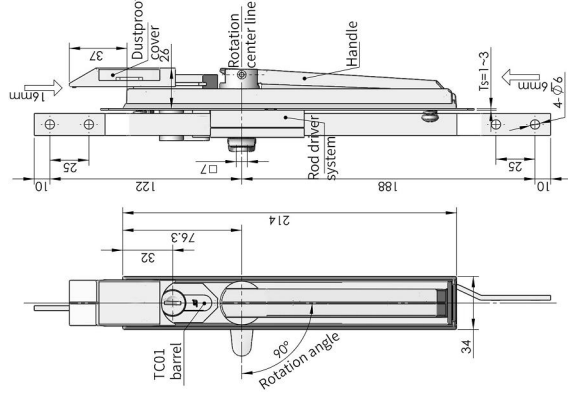
Specification

Material: Zinc alloy housing, handle, dust-proof cap, steel cam, rod
 Finish: White zinc plated cam, drive shell
 Application: Swivel handle to open and close door panels, seals can be installed outside and inside

Remark: MS830 default key K580
 MS830-3 default key K140

Performance details:

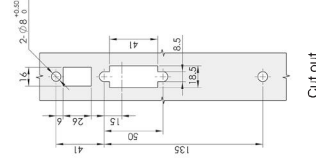
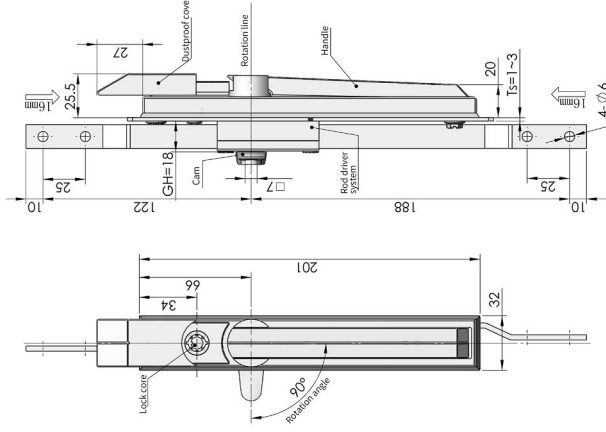
MS830: Handle bearing capacity : $\leq 225N$
 Handle torque capacity : $\leq 14N.m$
 MS830-3: Handle bearing capacity : $\leq 325N$
 Handle torque capacity : $\leq 20N.m$



Remark: Change rod and cam position to suit RH or LH application

ERP MS830Z2B140003

Remark: Default cam S1A3405

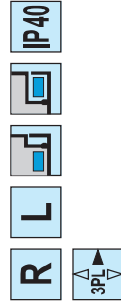


Remark: Change rod and cam position to suit RH or LH application

ERP MS830Z1EE04001

Remark: Default cam S1A3405

MS830-6



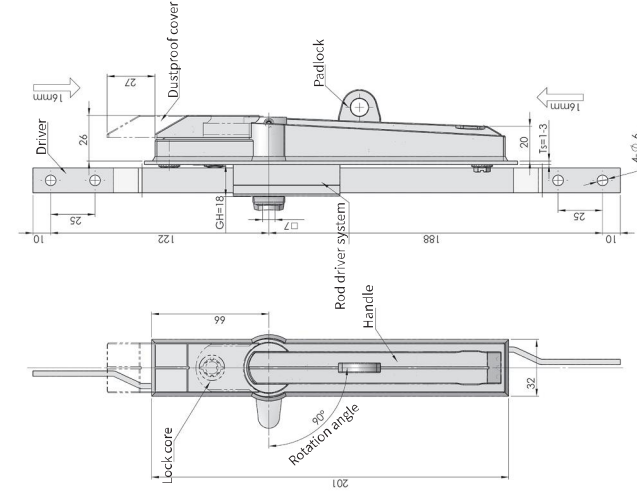
Specification

Material: Zinc alloy housings, handle, shaft drive shell, steel; rod, cam connection, stainless steel latch
 Finish: Black painting shaft and handle nanometer housing and dust cap
 Remark: Default: K580 key

Default cam: S1A34Y05001

Performance details:

Handle bearing capacity: $\leq 315\text{N}$
 Handle torque capacity: $\leq 22\text{N.m}$

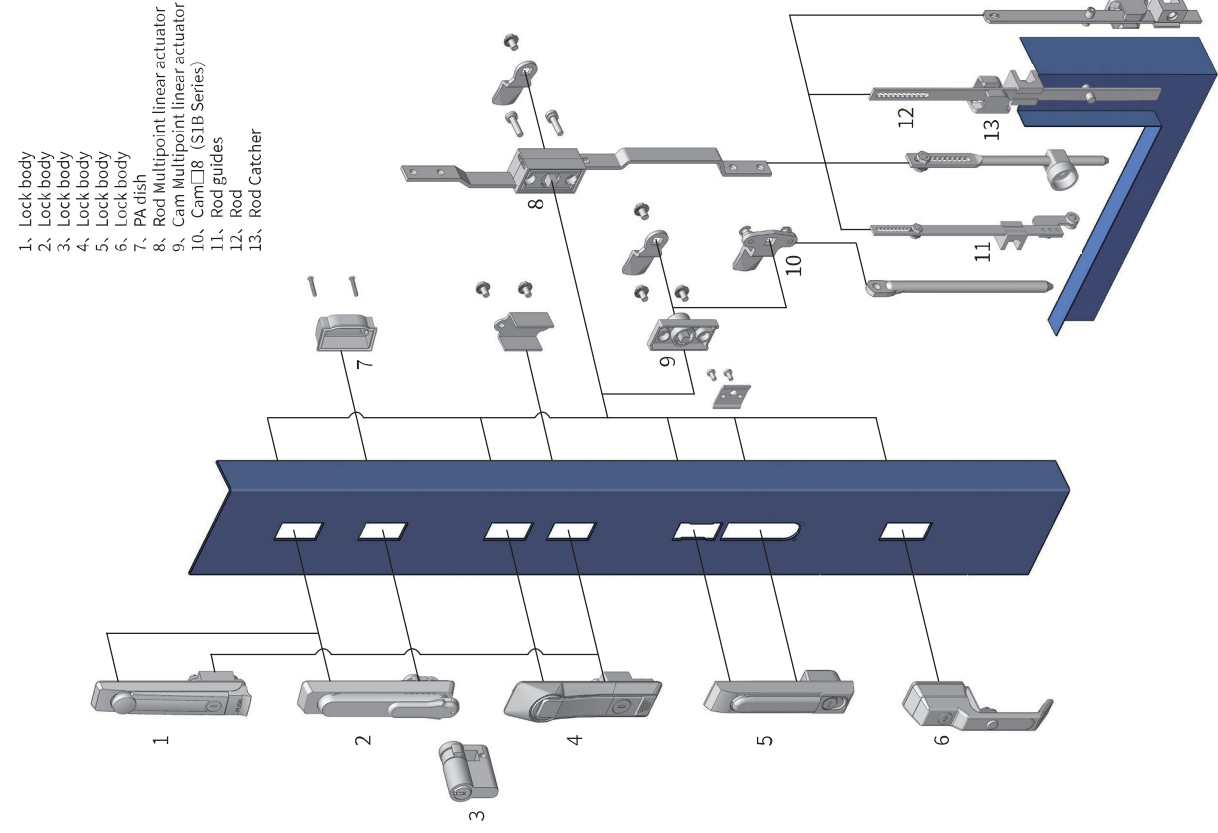


The advantage of MS830-6 when compare with MS830

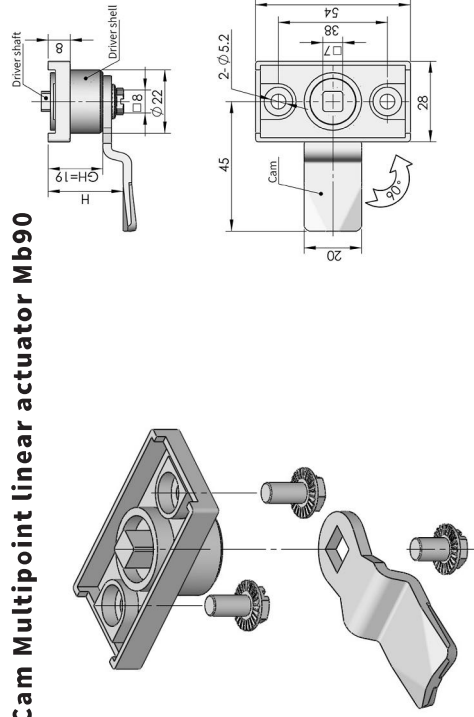
1. Promote the reliability of latch function and theft-prevent function
2. Handle can bounce after open the lock

Description	Model	ERP
with padlock device, lock core with self-reset function	MS830-6P-2	MS830Z2BE04031
without padlock device, lock core with self-reset function	MS830-6-2	MS830Z2BE04030
with padlock device, lock core with self-reset function	MS830-6P-1	MS830Z2BE04029
without padlock device, lock core with self-reset function	MS830-6-1	MS830Z2BE04022

Remark: Default cam S1A3405

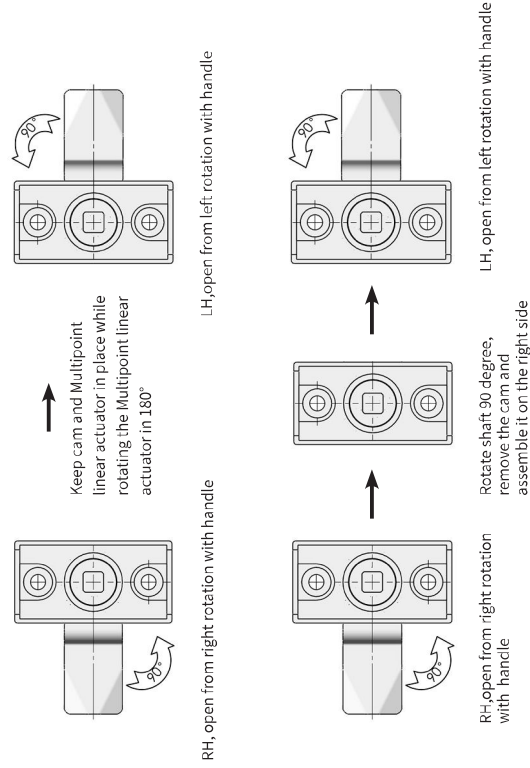


Cam Multipoint linear actuator Mb90

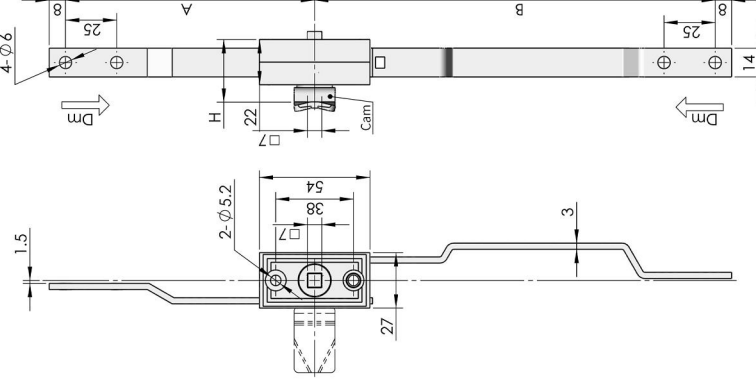


Remarks: Default Multipoint linear actuator, closing position, quarter-turn rotation, cam cutout: square □ 8mm, option cam series S1B S2B S3B, detailed cam list on P007. Default: one-point cam S1B4507, H=19*7, length 45. Default three-point cam S3B4510, H=19*10

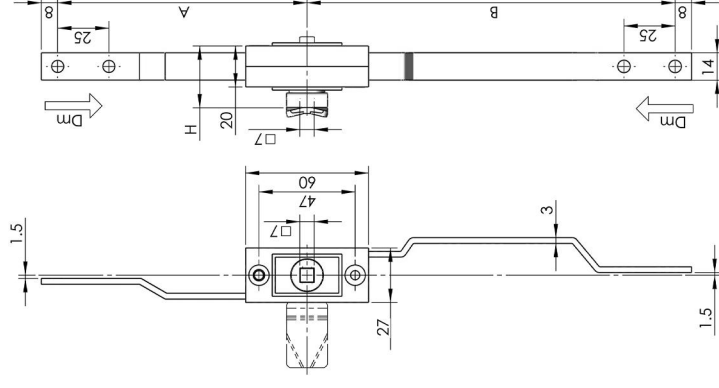
RH and LH application example



Mb0Series Mb2Series



Mb1Series



RH, open from right rotation with handle

LH, open from left rotation with handle

Rebark: Without Multipoint linear actuator, use for seal door-outside, cam cutout 7mm, optional cam S1A cam series, see detailed cam list on P007. Default cam s1a3500, H=GH, length 35.

Keep rod and rod latch in place, remove the cam and Lock core, and rotate rod latch system in 180 degree to suit

RH or LH Application

Dm: Rod stroke

Ra: Rotation angle code

Multipoint linear actuator No	Dm	Ra	A	B	Specification
Mb01	15	90°	122	196	With cam
Mb02	15	90°	122	196	without cam
Mb03	15	90°	138	196	With cam
Mb04	15	90°	138	196	without cam
Mb21	15	90°	122	122	With cam
Mb24	23	135°	138	130	without cam

Multipoint linear actuator No	Dm	Ra	A	B	Specification
Mb11	15	90°	122	180	With cam
Mb12	15	90°	122	180	without cam
Mb13	20	115°	130	188	With cam
Mb14	23	120°	130	188	without cam

MS831



MS819



MS819-1

MS819-2



Specification

Material: Zinc alloy housing, handle, dust cap steel cam, rod
Finish : Black painted housing, handle, button white zinc plated cam
Application : Swivel handle to open and close door panels

Remark : Default key K040

Default cam: S1A35Y00001(Rod latch type)
S1B45Y07002(cam type)

Performance details:

Handle bearing capacity value: ≤280N
Handle load torque value: ≤30N.m
Max.static load: 270N(cam type)

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

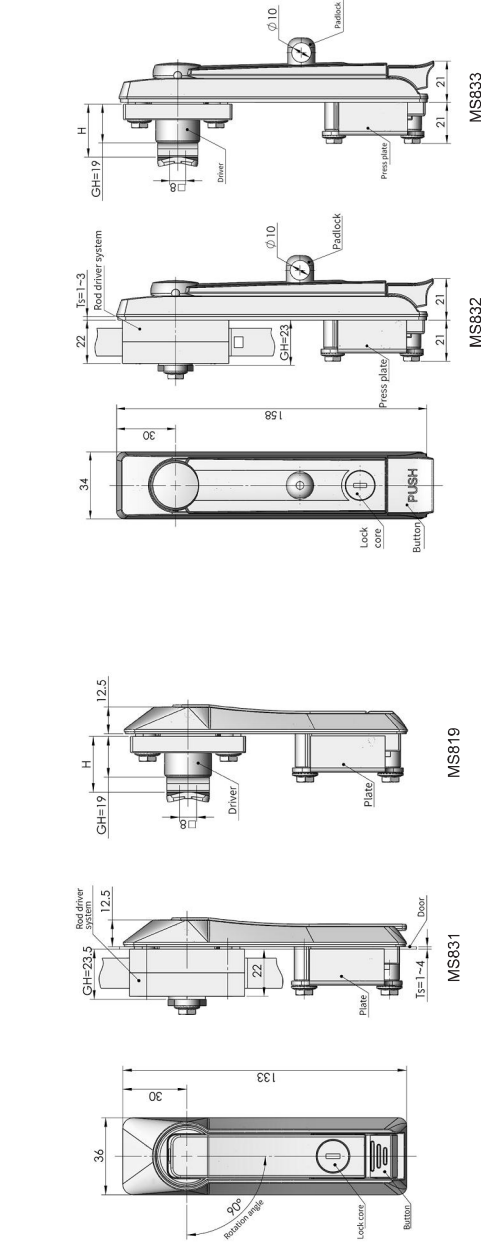
Toggle and hook

Handles

Door stop

Hinge

Seal gasket



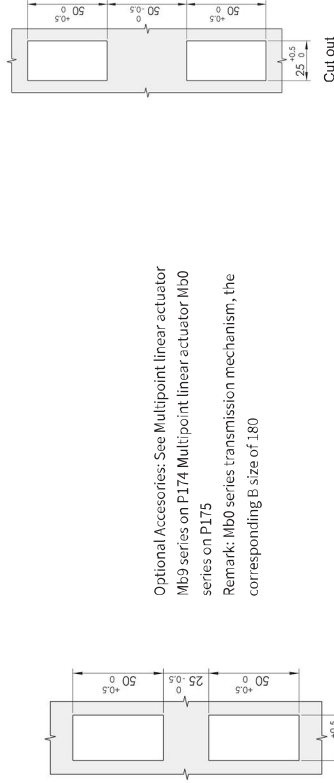
MS819

MS831

MS832

MS833

Optional Accessories: See Multipoint linear actuator Mb9 series on P174 Multipoint linear actuator Mb0 series on P175
Remark: Mb0 series transmission mechanism, the corresponding B size of 180



Optional Accessories:
See cam Multipoint linear actuator Mb9 series on P174 Multipoint linear actuator Mb0 series on P175 Profile Lock core series on P027

MS832



MS832-1

MS832-2

MS832-1P

MS833



MS833-1

MS833-2



Specification

Material: Zinc alloy housing, handle, steel cam, rod
Finish : Black painted housing, handle, button white zinc plated cam, drive shell
Application : Swivel handle to open and close door panels

Remark: Default key K030

Default cam: S1A35Y00001(Rod latch type)
S1B45Y07002(Cam type)

Performance details:

Handle bearing capacity value: ≤295N
Handle load torque value: ≤25N.m
Max.static load: 270N(cam type)

Description	Model	ERP
with button,Multipoint linear actuator Mb01	MS832-1	MS832Z1B030001
with button,Multipoint linear actuator Mb01, padlockable	MS832-1P	MS832Z1B030002
with button,Multipoint linear actuator Mb02	MS832-1-2	MS832Z1B030024
without button,Multipoint linear actuator Mb01	MS832-2	MS832Z1B030005
with button	MS833-1	MS833Z1B030009
with button, padlockable	MS833-1P	MS833Z1B132009
without button	MS833-2	MS833Z1B030003
PS4	MS832-1-12D	MS832Z1B030088

Description	Model	ERP
with button,Multipoint linear actuator Mb01B	MS831-1	MS831Z2A040001
with button,Multipoint linear actuator Mb01	MS831-1-2	MS831Z2A040026
without button,Multipoint linear actuator Mb01B	MS831-2	MS831Z2A040005
with button	MS819-1	MS819Z2A040009
without button	MS819-2	MS819Z2A040003

MS834



MS834-2P

MS834-1P



Specification

Material: Zinc alloy housing, handle, lock cylinder, steel cam and rod
 Finish: Black painted housing, handle, Bright chrome-plated lock cylinder, steel cam and rod
 Application: Rotate handle to open and close door panels
 Remarks : Default profile insert TC04-1 default key 040

Default cam: S1A35Y00001(Rod latch type) S1B45Y07002(Cam type)

Performance details:

Handle bearing capacity value: $\leq 225\text{N}$
 Handle load torque value : $\leq 20\text{N}\cdot\text{m}$
 Reminder: Tighten the locks protecting cover to protect the lock
 Max. static load : 270N (Cam type)

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS834-6



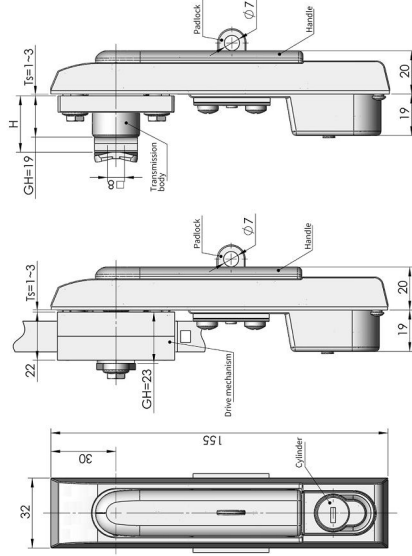
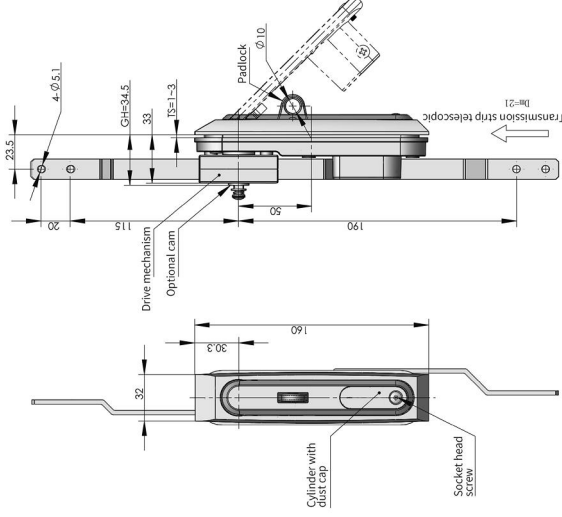
Specification

Material: Zinc alloy housings, handle and lock cylinder, stainless steel cam and rod
 Finish: Black painted high salt mist resistant housing, handle, Bright chrome-plated lock cylinder

Application: Handle lift 45 degree handle 135° rotation combines with rod latch system to open or close, change gear and rod direction to suit RH or LH application
 Remarks : Default lock cylinder TC03-5A

Performance details:

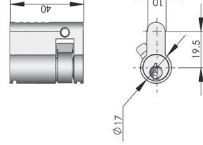
Handle bearing capacity value: $\leq 395\text{N}$
 Handle load torque value : $\leq 33\text{N}\cdot\text{m}$
 Reminder: Tighten the locks protecting cover to protect the lock



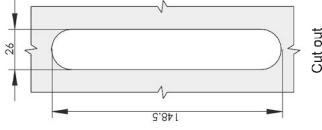
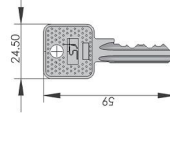
MS834-2P

MS834-1P

Default TC03-5A



Default Key



Optional Accessories:
 Multipoint linear actuator MB9 Series on P174
 Multipoint linear actuator MB9 Series on P175
 Profile Lock Core series on P-27

Description	Model	ERP
Multipoint linear actuator MB01	MS834-1P	MS834Z1A040002
Multipoint linear actuator MB02	MS834-1-2	MS834Z1A040009
Cam latch system	MS834-2P	MS834Z1A030027

ERP	MS834-6-Z	MS834-6-Y
	MS834Z2E000001	MS834Z2E000002

MS840



Specification

Material: Zinc alloy housing, handle, lock cylinder, steel cam, rod
Finish: Black powder coat housing, handle, White zinc plated cam, rod
Application: Rotate handle to open and close
Remarks: Default key K140

Default cam: S1A35Y00001(Rod latch type)/S1B45Y07002(Cam type)

Performance details:

Handle bearing capacity: $\leq 400\text{N}$
 Handle torque capacity: $\leq 35\text{N}\cdot\text{m}$
 Max static load: 270N (Cam type)

MS840-4



Specification

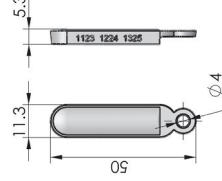
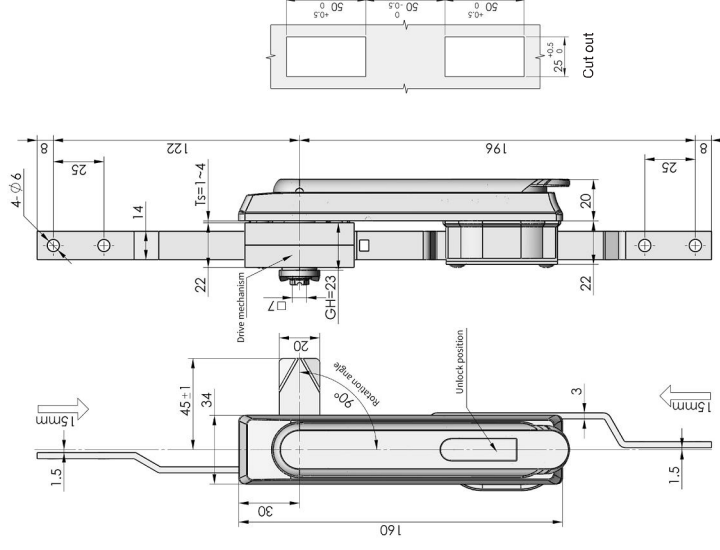
Material: Zinc alloy housing, handle, steel cam
Finish: Black painted housings, handle
Application: 45 degree handle uplift rotation combines with cam to open or close/open lock from left hand of right hand need change the set angle of limit part and cam

Character

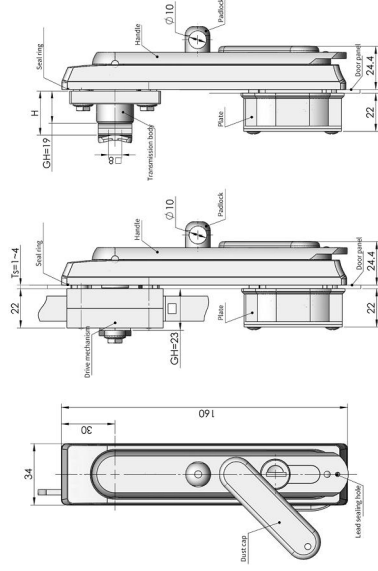
Use magnet to open or close the lock. The advantage is the lock system is not exposed and the key combinations is more than other standard inserts. Open the lock, put the magnetic key into the groove of the handle, then put up the handle

Performance details:

Handle bearing capacity: $\leq 400\text{N}$
 Handle torque capacity: $\leq 35\text{N}\cdot\text{m}$

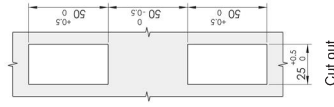


MS840-4 Magnetic key



MS840-2

MS840-1



Cut out

Optional accessories:
 See multipoint linear actuator Mb9 series on P179
 Rod multipoint linear actuator Mb0 series on P175
 TC01/TC02/TC03 Lock core on P027

Remarks: PA housing or zinc alloy housing, default Zinc alloy

Specification	Model	ERP
With multipoint linear actuator Mb01	MS840-1	MS840Z1B140001
With multipoint linear actuator Mb01, padlockable	MS840-1P	MS840Z1B140002
With multipoint linear actuator Mb02	MS840-1-2	MS840Z1B140019
With multipoint linear actuator Mb02, padlockable	MS840-1-2P	MS840Z1B140020
Multipoint linear actuator	MS840-2	MS840Z1B140064
Multipoint linear actuator, padlockable	MS840-2P	MS840Z1B140014

ERP MS840Z1B000006
 Remark: Default cam S1A4500

MS840-5-1



MS840-5-2



Specification

Material: Zinc alloy housings, handles, shaft, steel cam, cover, rod
Finish: Black painted handle, shaft, cam cover, white zinc plated rod
Application: Cam multipoint linear actuator or rod multipoint linear actuator
Remarks: Optional key K140 and K720

Performance details:

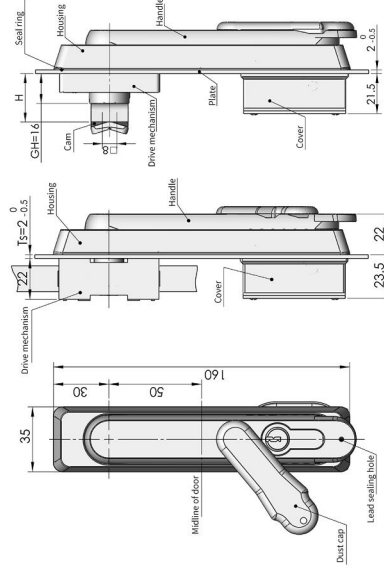
Handle bearing capacity value: $\leq 330N$
 Handle load torque value: $\leq 26N \cdot m$
 Max.static load: 270N(Cam type)

MS840-A

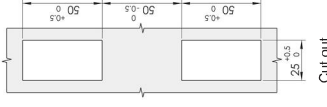


Specification

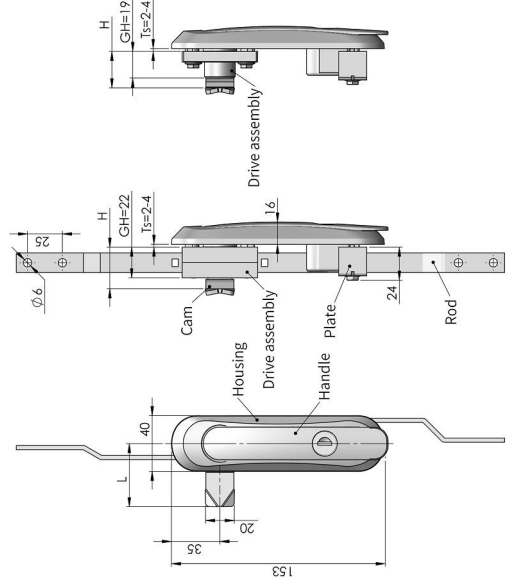
Material: Black PA handle, housing and dust-proof cap, steel cam and rod
Finish: Bright chrome plated profile insert
 white zinc plated cam, rod
Application: Rotate handle to open and close
Remark: Default profile insert TC01
Default cam: S1B4SY07005 (Cam type)
Performance details:
 Handle bearing capacity: $\leq 300N$
 Handle torque capacity: $\leq 33N \cdot m$



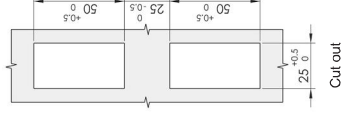
MS840-1A



MS840-2A



MS840-5-1



MS840-5-2

Optional accessories:
 Multipoint linear actuator Mb9 series on P179
 Multipoint linear actuator Mb0 series on P180

Optional accessories:
 Multipoint linear actuator Mb9 series on P179
 Multipoint linear actuator Mb4 series on P197
 TC01/TC02/TC03 profile insert on P027

Specification	Model	ERP
Rod Multipoint linear actuator with TC Series profile insert and dust-proof cap	MS840-1A	MS840N00140039
Cam Multipoint linear actuator with TC series profile insert and dust-proof cap	MS840-2A	MS840N00140033

Model	MS840-5-1	MS840-5-2
ERP	MS840Z2AT20001	MS840Z2AT20002

MS840-B



Specification

Material: Black PA handle, housing and dust-proof cap, zinc alloy profile, white zinc plated cam and rod
Finish: White zinc plated cam and rod
Application: Handle quarter-turn combines with rod latch system to open or close
Remark: Default key K140
Default cam: S1B4S07005 (Cam type)
Performance details:
Handle bearing capacity: ≤300N
Handle torque capacity: ≤33N.m

MS840-C



Specification

Material: Black PA housing, handle, dust-cap, zinc alloy insert, steel cam, rod
Finish: White zinc plated cam, rod
Application: Rotate handle for opening and closing
Remark: Default key K140
Default cam: S1B4S07005 (Cam type)
Performance details:
Handle bearing capacity: ≤300N
Handle torque capacity: ≤33N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

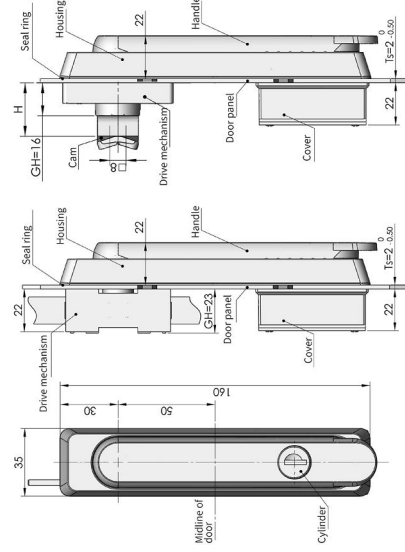
Toggle and hook

Handles

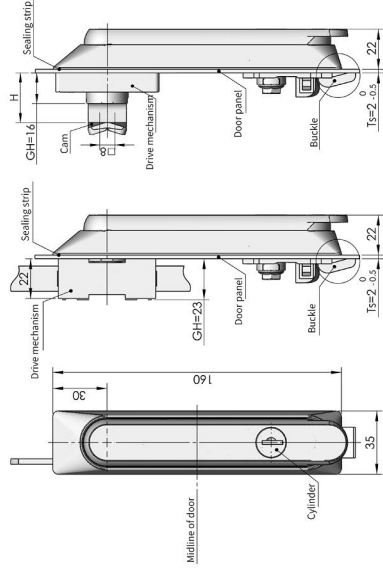
Door stop

Hinge

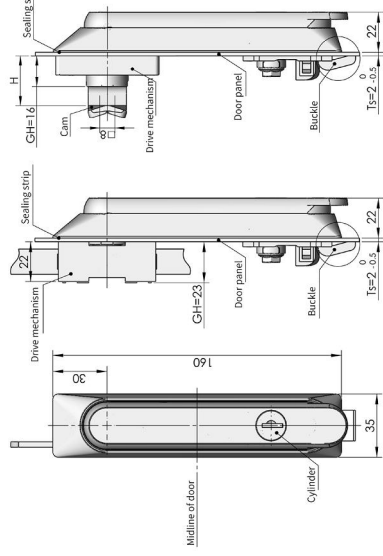
Seal gasket



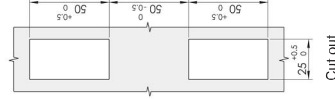
MS840-1B



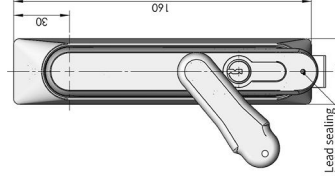
MS840-1C



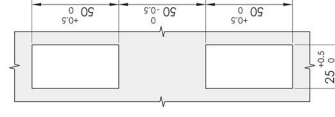
MS840-2B



Cut out



MS840-1C



Cut out

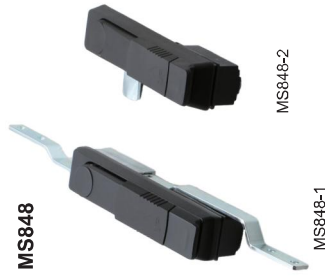
Optional Accessories:

See Multipoint linear actuator Mb9 series on P179
 Rod Multipoint linear actuator Mb4 series on P191

Specification	Model	ERP
Rod multipoint linear actuator with insert, dust caps	MS840-1B	MS840N00140025
Cam multipoint linear actuator with insert, dust caps	MS840-2B	MS840N00140034

Specification	Model	ERP
Rod Multipoint linear actuator	MS840-1C	MS840N00140011

MS848



MS848-2

MS848-1



Specification

Material: Zinc alloy housing, handle, lock cylinder, steel cam
Finish : Black powder coated housing, handle, white zinc plated cam, rod
Application: Rotate handle to opening and closing

Remarks: Default profile insert TC01, default
key K140

Default cam: S1A35Y00001(Rod latch type)S1B45Y07002(Cam type)

Performance details:

Handle bearing capacity: $\leq 520\text{N}$

Handle torque capacity: $\leq 27\text{N.m}$
Max static load: 270N (Cam type)

Remark: PA housing or Zinc alloy housing,default Zinc alloy housing;

Specification	Model	ERP
Optional Multipoint linear actuator M601	MS848-1	MS848Z1B140017
Cam Optional Multipoint linear actuator	MS848-2	MS848Z1B140010

MS848-1E



Specification

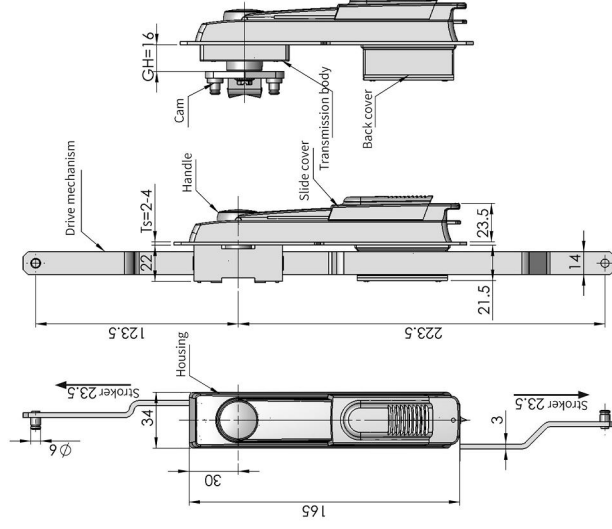
Material: Black PA housing, handle, dust-cap, zinc alloy insert, steel cam, rod
Finish: Bright chrome plated insert, white zinc plated cam, rod

Remarks: Optional TC01,TC02,TC03 lock cylinder default TC01 with K14

Performance details:

Handle bearing capacity value: $\leq 170\text{N}$

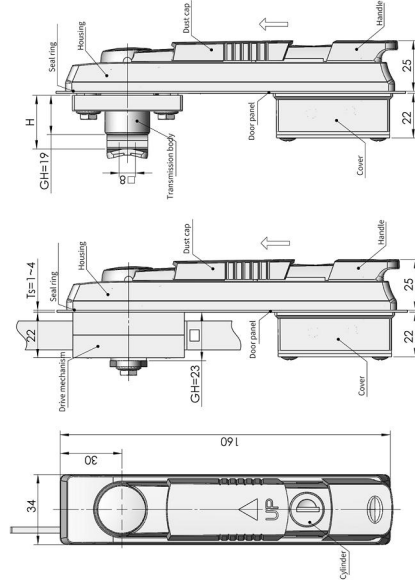
Handle load torque value: $\leq 20\text{N}\cdot\text{m}$



Optional accessories:

Cam multipoint linear actuator Mb09 series-P179

Rod multipoint linear actuator Mb4 series-P197

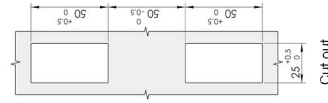


Optional accessories:

See Multipoint linear actuator Mb9 series on 179,

Rod Multipoint linear actuator Mb0 series on P180

TC01/TC02/TC03 profile insert on P026



Cut out

ERP

MS848N00T07001

MS848-B



Specification

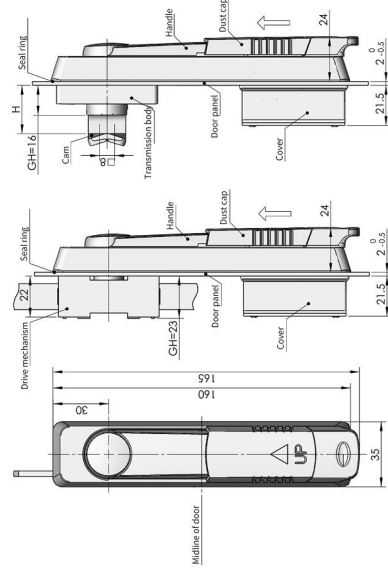
Material: Black PA housing、 handle、 dust-cap,zinc alloy lock cylinder.steel cam, rod
Finish: White zinc plated cam, rod
Application: Rotate handle to open and close
Remark: Default lock cylinder TC01,default key K140

Default cam: S1B45Y005 (Cam type)

Performance details:

Handle bearing capacity: $\leq 170\text{N}$
Handle load torque value: $\leq 20\text{N.m}$

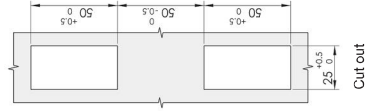
Seal gasket	Hinge	Door stop	Handles	Toggle and hook	Panel lock	Rod control lock	Plane lock	Cylinder lock	Handle lock	Accessories
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Optional accessories:

See cam multipoint linear actuator Mb9 series on 179,

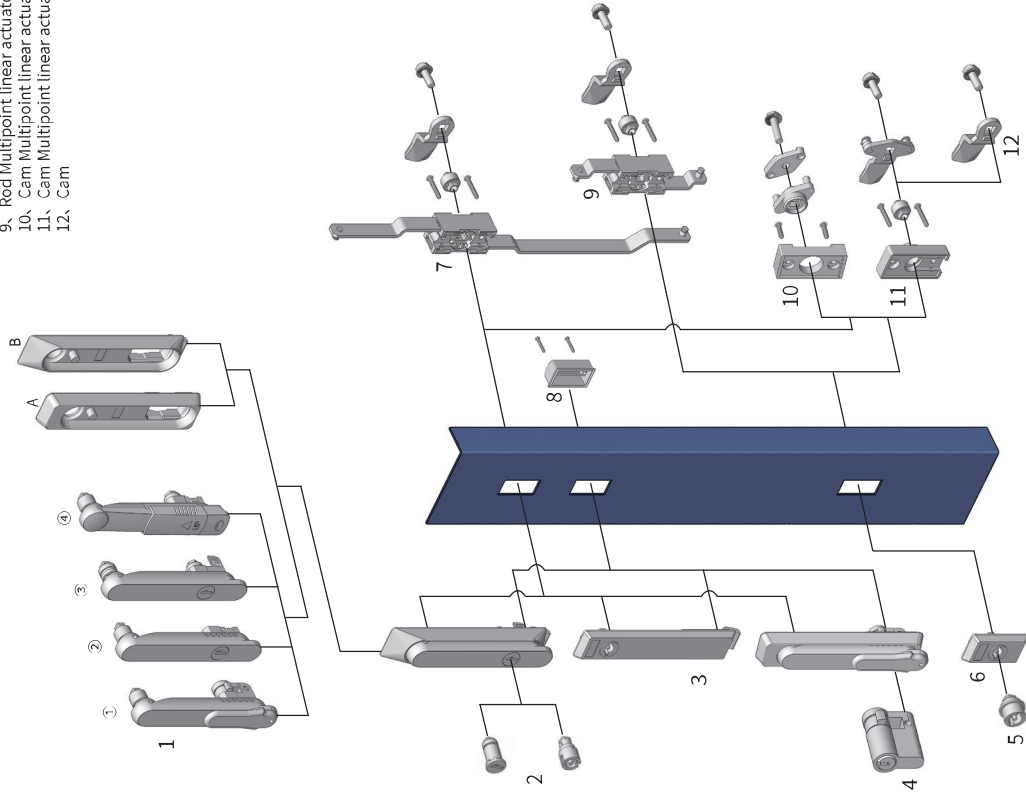
Rod multipoint linear actuator Mb0 series on P197



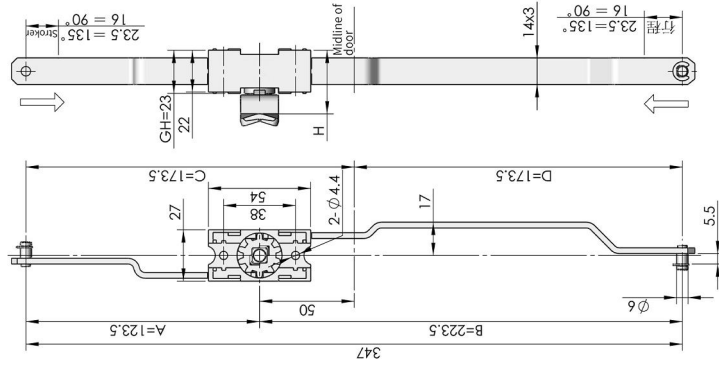
Specification	Model	ERP
Rod multipoint linear actuator	MS848-1B	MS848N00140002

Combination	Model	Red Multigrid linear solver	Conj. Multigrid linear solver
(1A)	MS340-1A	MS340-2A	
(1B)	MS340-1B	MS340-2D	
(2A)	MS340-1C	MS340-2B	
(2B)	MS340-1E	MS340-2E	
(3A)	MS340-1F	MS340-2F	
(3B)	MS340-1G	MS340-2C	
(4A)	MS340-1A	MS340-2B	
(4B)	MS340-1C	MS340-2F	

1. Lock-body
2. Lock core
3. Lock-body
4. Lock cylinder
5. Lock core
6. Board
7. Rod Multipoint linear actuator
8. PA Dish
9. Rod Multipoint linear actuator
10. Cam Multipoint linear actuator
11. Cam Multipoint linear actuator
12. Cam



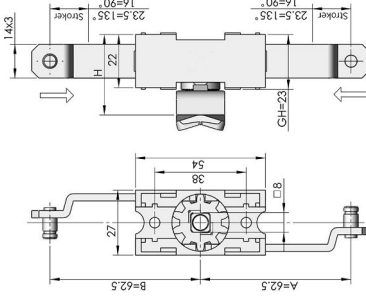
Mb4 series



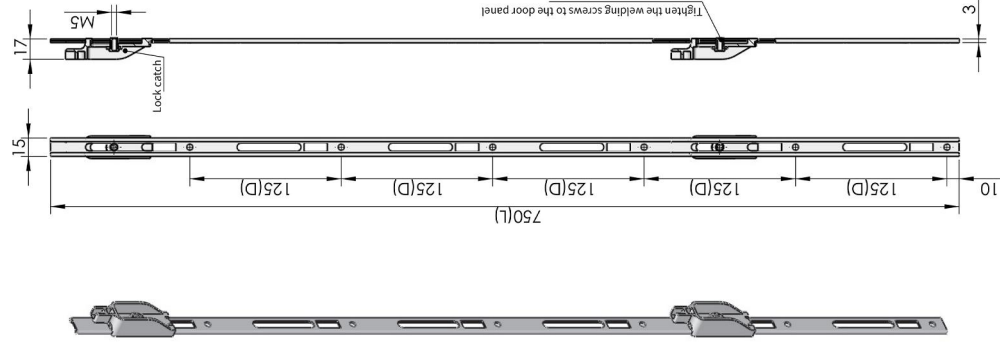
Remark: Default rod multipoint linear actuator, closing position, 135 degree rotation angle, default multipoint linear actuator cam S1B3500, cam cutout square 8mm, the rod multipoint linear actuator is used for the seal door- outside.

Multipoint linear actuator No.	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

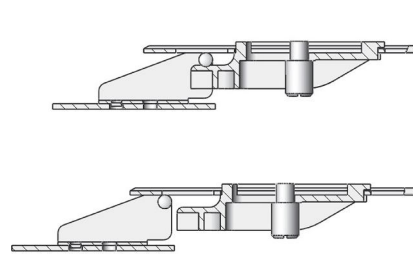


Seal gasket	Hinge	Door stop	Handles	Toggle and hook	Panel lock	Red control lock	Plane lock	Cylinder lock	Handle lock	Accessories
-------------	-------	-----------	---------	-----------------	------------	------------------	------------	---------------	-------------	-------------



Model	Length (mm)	Seeds each appropriate quantity
LG-2D-250	250	1
LG-2D-375	375	1
LG-2D-500	500	1
LG-2D-625	625	2
LG-2D-750	750	2
LG-2D-875	875	2

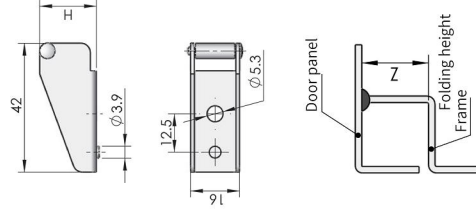
EO	2D	013	013	Z
Rod length=125*n,n:Rod-joint quantity,joint distance=125				



Open state

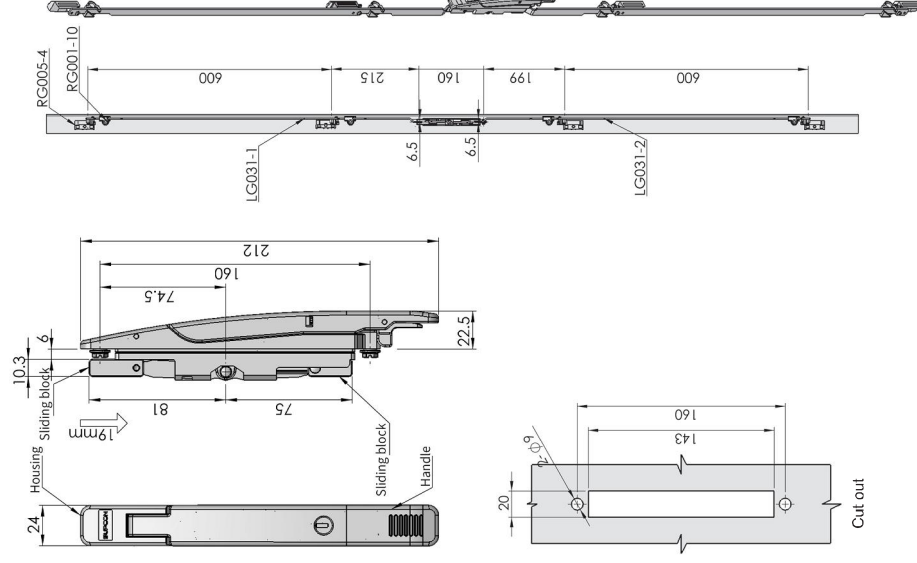
Close state

Catcher



Hook No	Z	H
KP1	19	15.5
KP2	20	16.5
KP3	22	18.5
KP4	25	21.5

Assembly drawing



MS855-5



Specification

Material: Zinc alloy housing, handle, rod guides, slider, steel rod
Finish: Painted RAL 7030
Remark: Default key K110

Performance details:

Handle bearing capacity: $\leq 800\text{N}$

ERP MS855ZXX112002



Specification

Material: PA housing, zinc alloy handle, rod lock core, cam

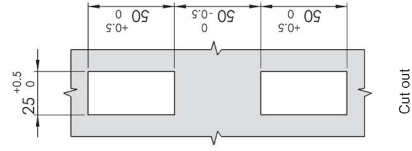
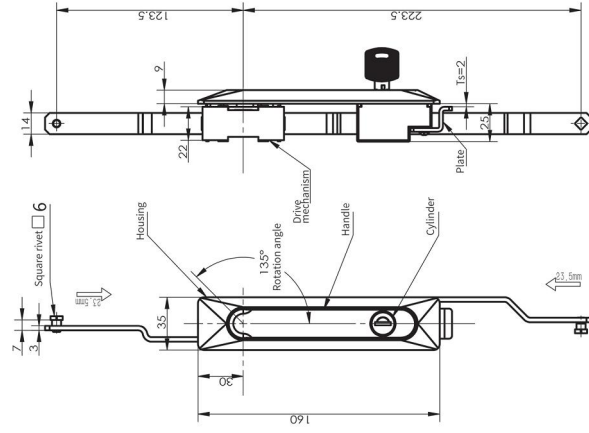
Finish: Black painted handle, housing. White zinc plated cam and rod

Application : 135 degree handle rotation to open or close, padlock device for choose

Performance details:

Handle bearing capacity : $\leq 290\text{N}$

Handle torque capacity: $\leq 22\text{N.m}$

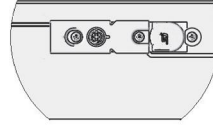
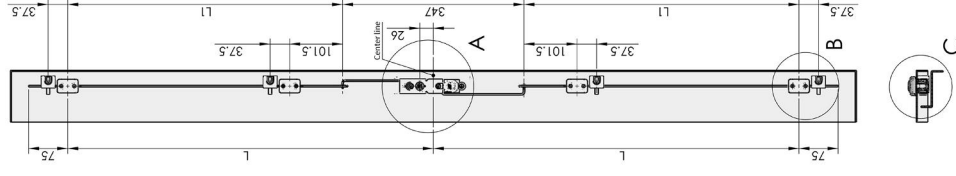
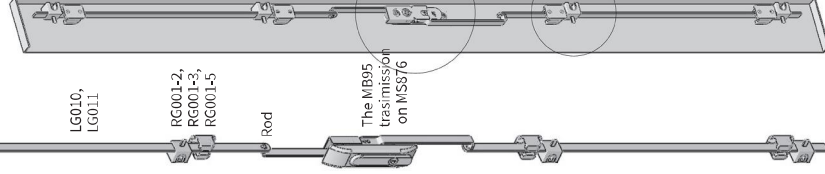
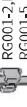


ERP MS861N2C140001

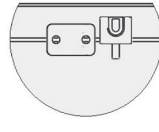
ERP

MS861N2C140001

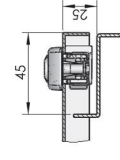
MB95 Rod Multipoint linear actuator



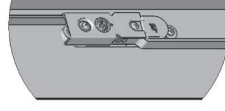
View A



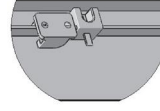
View B



View C



View D



View F

MS867-3



New

IP40

Specification

Material: Zinc alloy base, handle; stainless steel slider, strut, latch
Surface treatment: Electrophoresis + spray plastic black laser
Lock core type: Tool-type lock core
Lock core shape: Triangle 8
Note: Comes with K15-3 key

Performance details:

Handle load capacity: 490N

Accessories Handle lock Cylinder lock Plane lock Rod control lock Panel lock Toggle and hook Handles Door stop Hinge Seal gasket

MS867



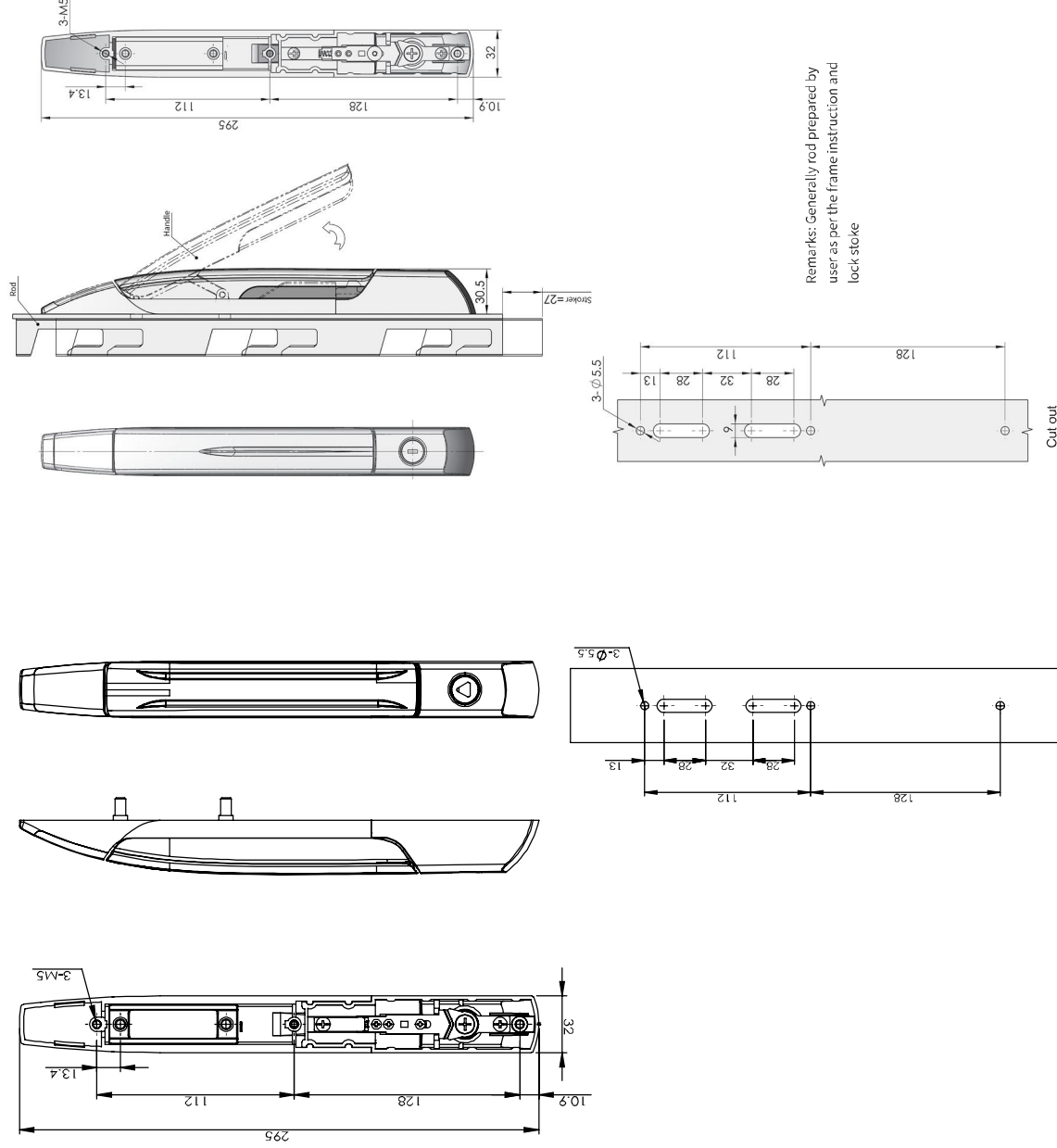
IP40

Specification

Material: Zinc alloy housing, handle
Finish: Yellow gray powder coat housing, handle
Application: Handle rotation to open or close rapidly
Remarks: Default key K082

Performance details:

Handle bearing capacity : $\leq 490\text{N}$



MS867Z1E082001

ERP

MS867Z1AT04003

ERP

MS867-9



IP55

Specification

Material: Zinc alloy housings, handle, connect, lock core, stainless steel rod guides
Finish: Black painted housing, handle
Applicatio: Open the dust cover, rotate the key by 30°, the handle can be ejected, and rotate the handle to move the connector to open and close the door
Remarks: Default key K72

Performance details:

Handle torque capacity $\leq 35\text{N.m}$
 Handle bearing capacity $\leq 180\text{N}$
 Key unlock torque $\leq 2.5\text{N.m}$
 Locked nose load pull $\leq 1000\text{N}$

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS867-14-1D



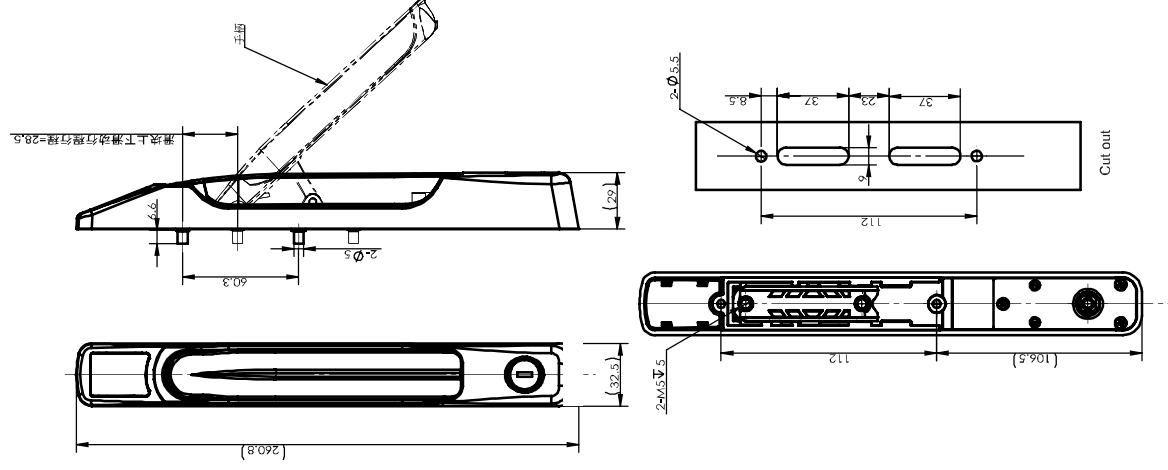
IP20

Specification

Material: Zinc alloy
Surface treatment: Spray plastic black matte finish
Note: Indoor mirror, meets neutral salt spray 48H

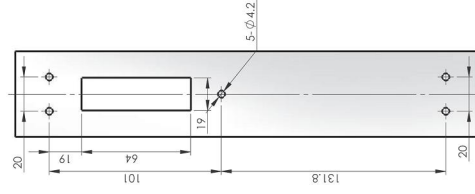
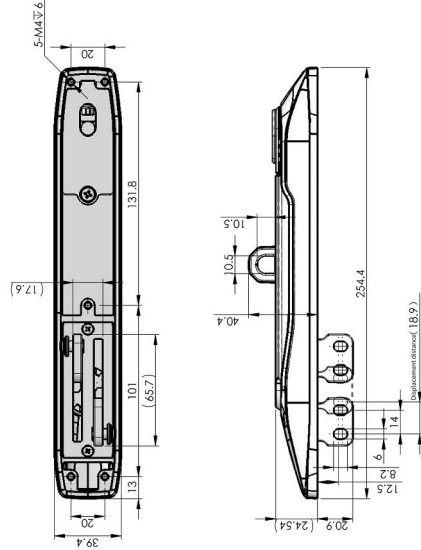
Performance details:

Handle load capacity: $\leq 1000\text{N}$
 Handle torque capacity: $\leq 20\text{N.m}$
 Screw installation torque: $\leq 5\text{N.m}$
 Lock core key torque: $\leq 1.5\text{N.m}$



MS867Z1B000005

ERP



MS867-9-Y

MS867-9-Z

Model

ERP

MS867-9-Z

MS867Z2A720003

MS867-9-Y

MS867Z2A720001

MS875-1
MS875-2



Specification

Material: Black PA housing, zinc alloy lock cylinder steel cam, rod
Finish: Bright chrome-plated Lock core
Application: Rotate handle to open and close
Remarks: Default key K15

Default cam: S1B45Y07005 (Cam type)

Performance details:

Input torque: $\leq 10\text{N}\cdot\text{m}$

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS875-1A
MS875-2A



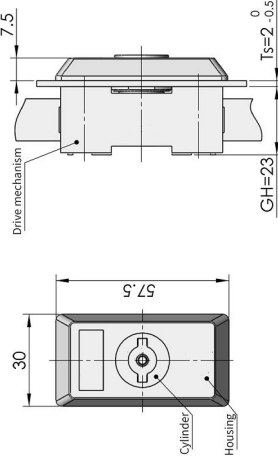
Specification

Material: Black PA housing, zinc alloy lock cylinder steel cam, rod
Finish: Bright chrome-plated Lock core, white zinc plated drive shell, cam
Application: Rotate handle to open and close
Remarks: Default key K15

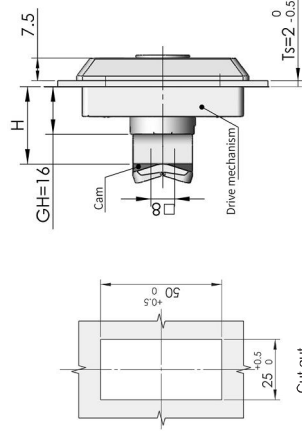
Default cam: S1B45Y07005 (Cam type)

Performance details:

Input torque: $\leq 10\text{N}\cdot\text{m}$

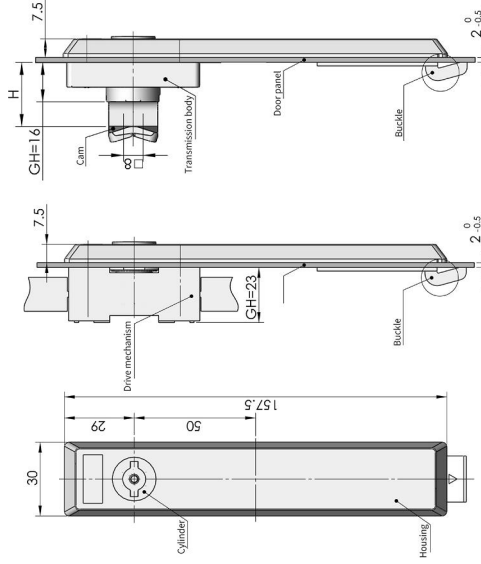
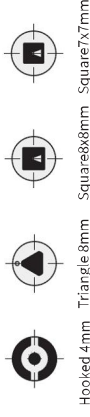


MS875-1A



MS875-2A

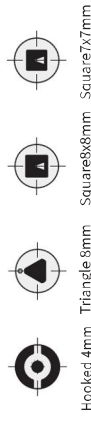
Optional accessories:
 See cam multipoint linear actuator Mb9 series on P179,
 Rod multipoint linear actuator Mb5 series on P197



MS875-1

MS875-2

Optional accessories:
 See cam Multipoint linear actuator Mb9 series on P179,
 Rod Multipoint linear actuator Mb4 series on P197



Specification	Rod multipoint linear actuator		Cam multipoint linear actuator		Optional key
	Model	ERP	Model	ERP	
Double bit	MS875-1A-1	MS875N00T03001	MS875-2A-1	MS875N00T02019	K15-1A, K15-1F
8mm Triangle			MS875-2A-2	MS875N00T04004	K15-2, K15-3F
Square 8mm			MS875-2A-3	MS875N00T06004	K15-4, K15-6F

Specification	Rod Multipoint linear actuator		Option key
	Model	ERP	
Square 8x8	MS875-1-4	MS875N00T07001	K15-4, K15-4F

MS921-Y



Specification

Material: Zinc alloy handle, aluminum alloy base

Surface treatment: High salt spray resistance black

Note: The product meets neutral salt spray 2H, damp heat 22H as a cycle, alternating salt spray for 720H

Performance details:

Handle load capacity: $\leq 500\text{N}$

Handle torque: $\leq 40\text{N.m}$

Screw installation torque: $\leq 3\text{N.m}$

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control
lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS999A2B000001

ERP

MS921Q2E000001

ERP

203

MS999



IP 65

Specification

Material: ADC12

Surface treatment: Nano-matte finish
Structure description: Left or right rotation

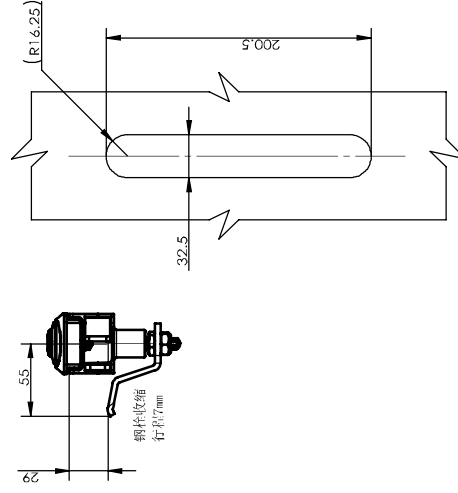
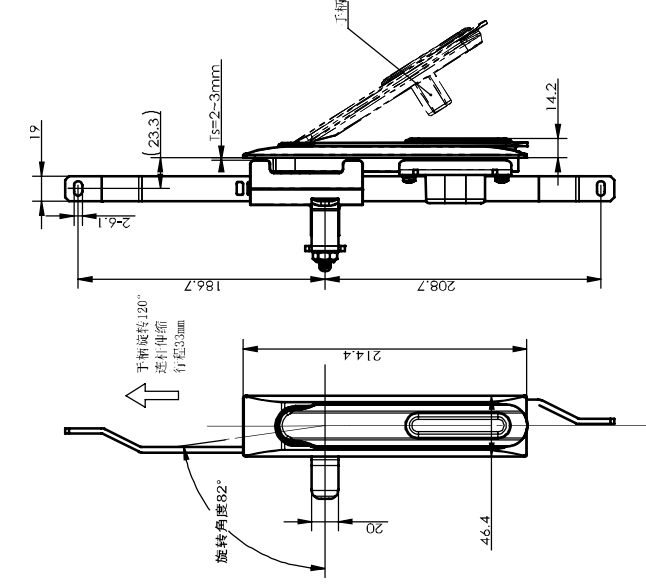
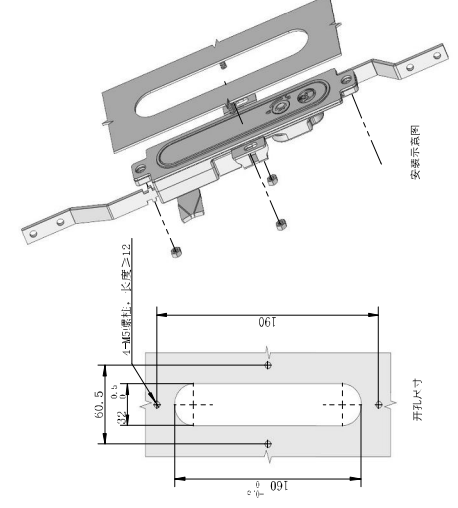
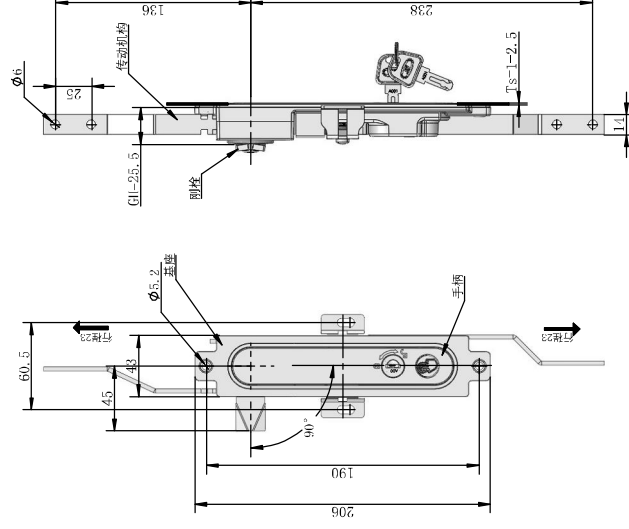
Performance details:

Performance details:

Handle load capacity: 300N

Handle torque: 45N.m

Installation Diagram



204

MS882

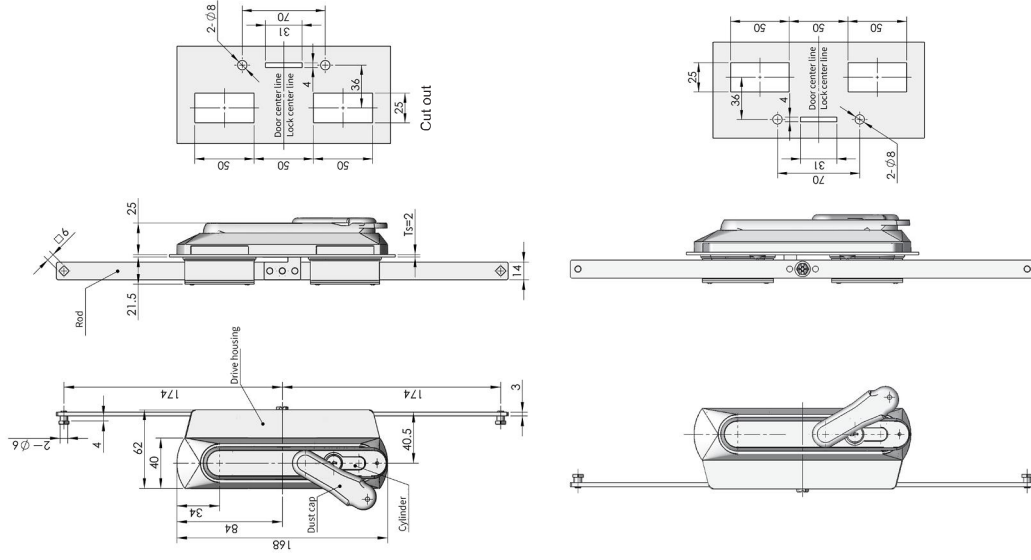


Specification

Material: Black PA lock body/steel rod
Finish: White zinc-plated steel rod
Remark: Default key K140

Performance details:

Handle bearing capacity: $\leq 330\text{N}$
Handle load torque value: $\leq 30\text{N}\cdot\text{m}$



Remarks: Change the drive position to realize LH or RH

Specification	Model	ERP
With dust-proof cap handle	MS882-1A	MS882N00140003
And TC series Lock cylinder	MS882-1B	MS882N00140006
With simple handle lock core		

PANEL LOCK SERIES

	MS850-1A		MS850-2		MS856		MS857
	MS866-1		MS866-3		MS866-4		MS866-5
	MS866-7		MS866-8		MS866-21		MS866-22
	MS866-29		MS870		MS870-2		MS882-3

MS850-1A



Specification

Material: Aluminum alloy housing, handle, cover, zinc alloy padlock device, cam, shaft
Finish: Powder coat(blue-gray) housing, powder coat(black) handle,padlock device, cover plate, white zinc-plated cam, support

Default CAM: 2893250016

Performance details:

Handle bearing torque capacity ≤18N.m

MS850-2F



Specification

Material: SMC housing, handle, cover, steel cam,support, shaft
Finish: White zinc-plated cam, support

Performance details:

Handle torque capacity ≤14N.m

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

**MS850-2
MS850-2A**



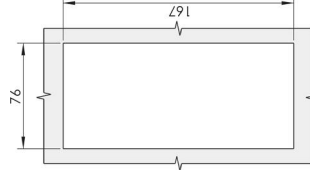
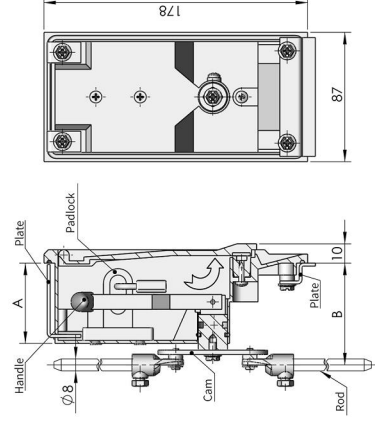
Specification

Material: Aluminum alloy housing, cover, padlock device, cam, support, shaft
Finish: Powder coat(blue-gray) housing, handle, padlock device, cover, white zinc plated steel cam,support

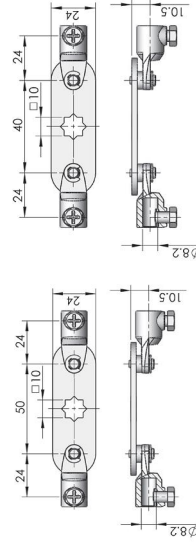
Default cam: 2893250016

Performance details:

Handle bearing torque capacity ≤25N.m



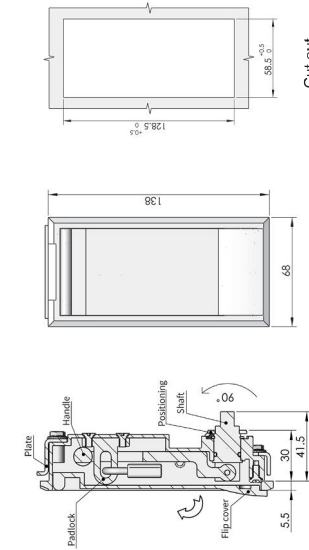
Cut out



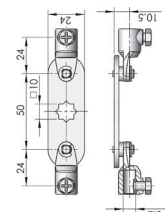
Default cam SZC2500

Optional cam SZC2000

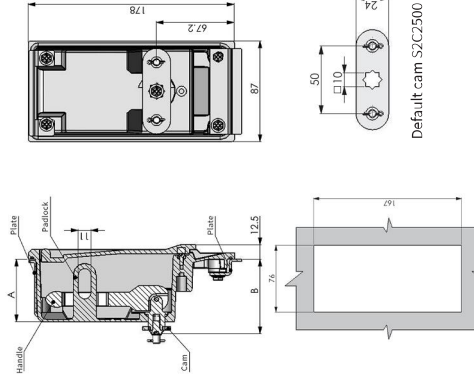
ERP MS850A1D000001



Cut out



Default cam SZC2500



Cut out

Default cam SZC2500

Part Number	ERP	Specification	
		A	B
MS850-2	MS850A1D000007	54	69
MS850-2A	MS850A1D000008	44	59

Part Number	Specification	
	A	B
MS850-2F	54	64.5

MS857



Specification

Material: Zinc alloy dust-proof cover, handle, shaft, stainless steel cup, cam, shaft
Finish: Mirror polished stainless steel cup, bright chrome plated handle, shaft, dust-proof cover, stainless steel cam
Remark: Default key K130

Default cam: S1B65Y11001

Performance details:

Handle bearing torque capacity $\leq 14\text{N.m}$
Cam bearing capacity $\leq 510\text{N}$

MS858



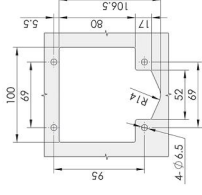
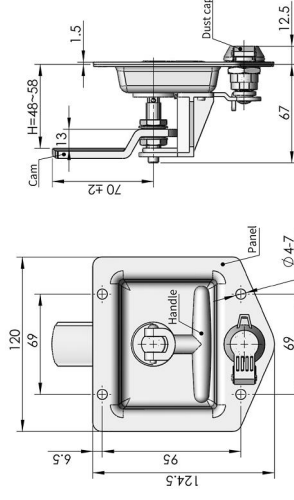
Specification

Material: Zinc alloy bracket, dust-proof cover, handle, shaft, stainless steel cup, cam, shaft
Finish: Mirror polished stainless steel cup, bright chrome plated handle, shaft tube, dust-proof cover, white zinc plated bracket, shaft
Remark: Default key K130

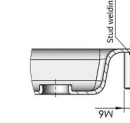
Default cam: S1B70Y13002

Performance details:

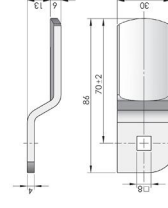
Handle bearing torque capacity $\leq 27\text{N.m}$
Cam bearing capacity $\leq 510\text{N}$



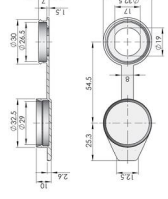
Cut out



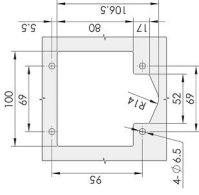
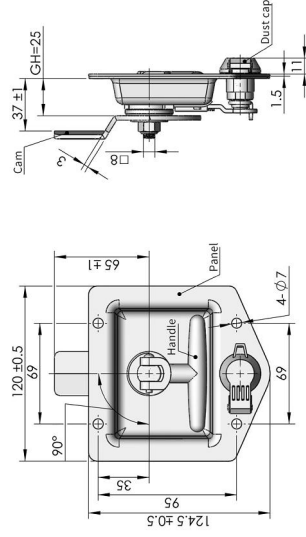
Optional cup



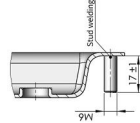
Default cam S1B70I3D



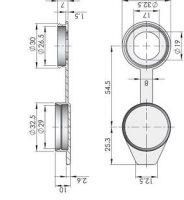
WP003 Sealing cover(Optional)



Cut out



Optional cup



WP003 Sealing cover(Optional)



	MS858 hole type
ERP	MS858S4A130001

Remark: ERP exclude Cam

	MS857 hole type
ERP	MS857S4A130001

MS866-1



MS866-2



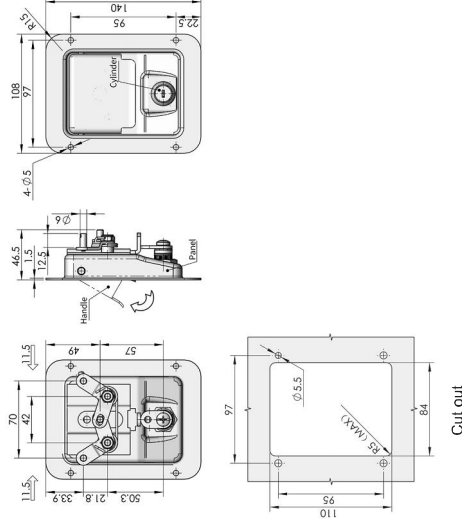
Specification

Material: Stainless steel cup, handle, zinc alloy lock core, other steel parts
Finish: Mirror polished stainless steel cup, handle, bright chrome plated lock core, other parts are white zinc plated
Remark: Default key K082

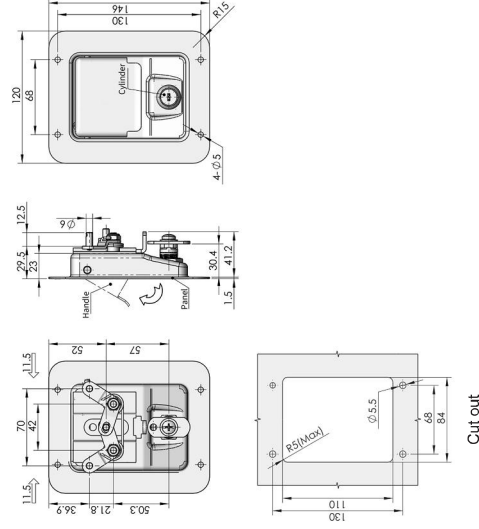
Performance details:

Handle bearing tension capacity: $\leq 130N$

MS866-1



MS866-2



ERP	MS866-1	MS866-2
	MS866S4A082001	MS866S4A082002

MS866-3

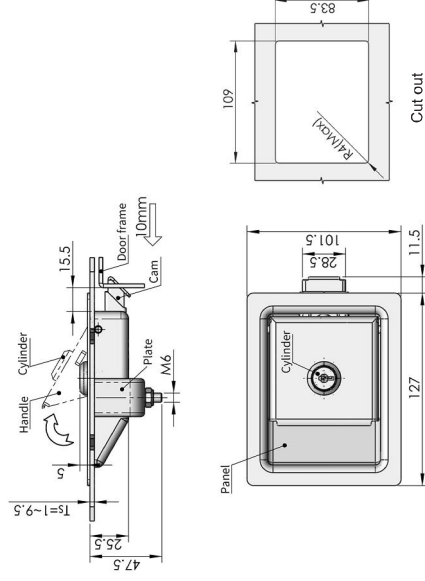


Specification

Material: Steel cup, handle, support stainless steel cam, zinc alloy lock assembly
Finish: Powder coat (black) cup, handle, zinc-plated cam and support
Remark: Default key K160

Performance details:

Handle bearing tension capacity: $\leq 160N$
 Cam bearing capacity: $\leq 800N$



Specification	Non-lockable		With-Lockable	
	Part number	ERP	Part number	ERP
Steel	MS866-3A	MS866F1A000006	MS866-3	MS866F1A160001
Stainless steel	MS866-3SA	MS866S4A000005	MS866-3S	MS866S4A160003

MS866-4

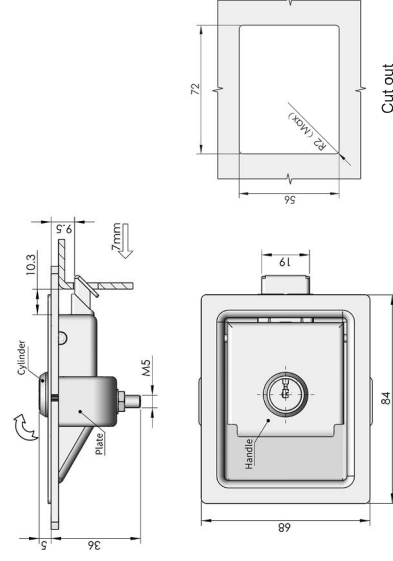


Specification

Material: Steel cup, handle, cam, support, zinc alloy lock core
Finish: Powder coat (black) cup, handle, sand blasted nickel-plated lock, zinc plated cam, support and riveting screw
Remark: Default key K330

Performance details:

Handle bearing tension capacity: $\leq 200N$
 Cam bearing capacity: $\leq 550N$



Specification	Part number	ERP
With-lockable	MS866-4	MS866F1A330001
Non-lockable	MS866-4A	MS866F1A000001

MS866-5E-3/4



Specification

Material: Steel cup, handle, shackle
Finish: Black spray cup, handle chrome-plated zinc alloy lock, stainless steel cover
Application: The figure shows the locked state. Turn the key. After the lock core is opened, the handle is opened at a pulling angle of about 20°. The handle is a loose-proof structure and can be automatically reset.
Remark: The fixed buckle accessory is an optional accessory and is not matched by default.

Performance details:

Handle bearing tension capacity: ≤145N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

MS866-6

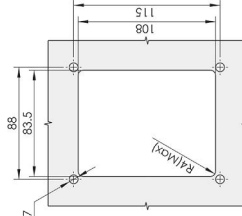
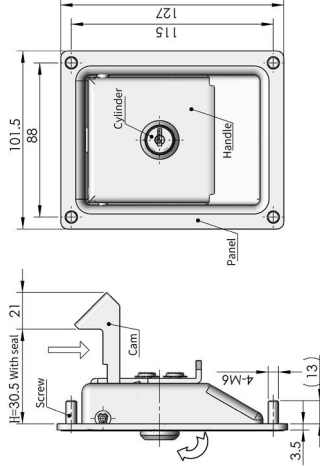


Specification

Material: steel cup, handle cam, support, welding screw, zinc alloy lock core
Finish: Powder coat (black) cup, handle, lock core, zinc-plated cam support, welding screw
Remark: Default key K160

Performance details:

Handle bearing tension capacity ≤ 190N
 Cam bearing capacity ≤ 800N

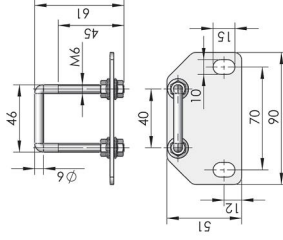


Remark: default product is without keeper

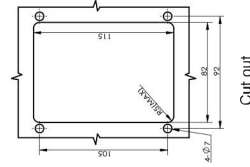
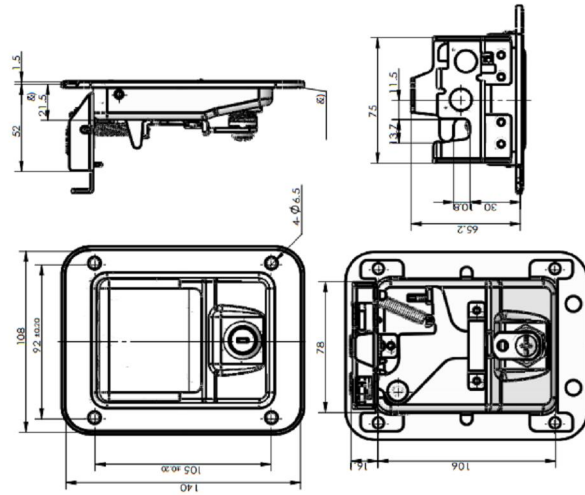
Cut out

Specification	With-lockable
Part number	ERP
H=30.5	MS866-6
	MS866FIA160004

Pull buckle



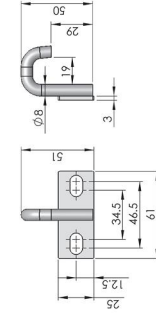
ERP 2138665004



Shackle 1

Shackle 2

The dimensions of the shackle 1 and the shackle 2 are the same, but the welding position is different



Specification	Part number	ERP
不锈钢芯	MS866-5E-3	MS866F3W000001

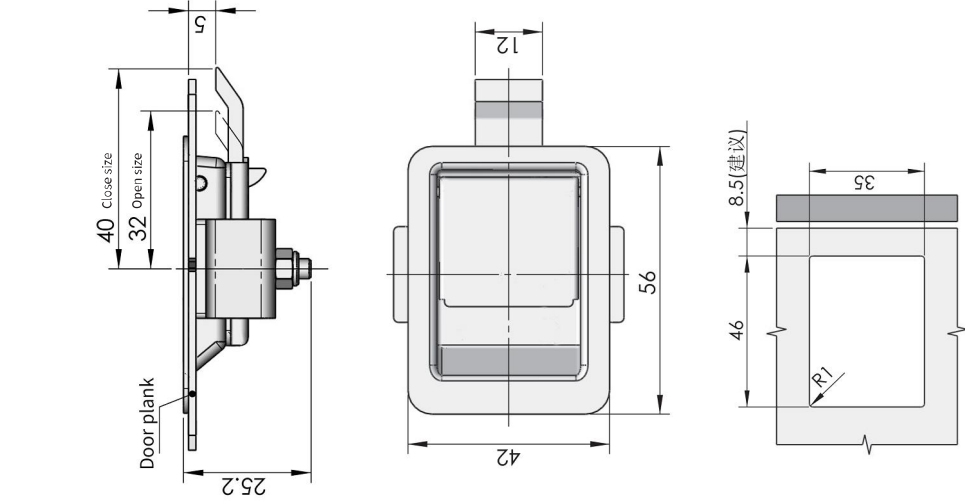
MS866-8



Specification

Material: Stainless steel
Finish: Draw polished
Performance details:
 Handle bearing tension capacity $\leq 50N$
 Cam bearing capacity $\leq 200N$

Accessories Handle lock Cylinder lock Plane lock Rod control lock Panel lock Toggle and hook Handles Door stop Hinge Seal gasket



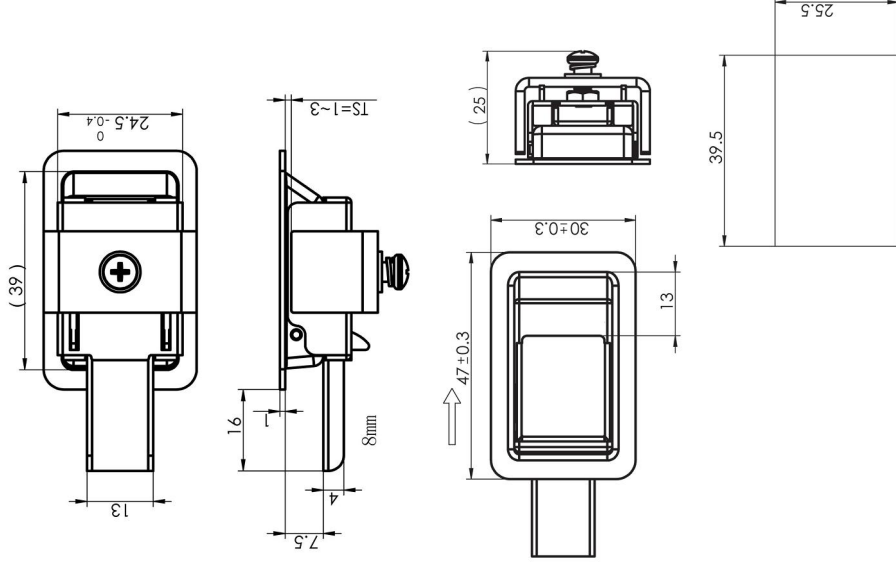
ERP MS866S4B000001

MS866-18



Specification

Material: Stainless steel
Finish: Draw polished
Performance details:
 Handle bearing tension capacity $\leq 50N$
 Cam bearing capacity $\leq 200N$



ERP MS866S4A000015

MS866-21



MS866-21S



Specification

Material: Stainless steel (or steel) cup, handle, zinc alloy cam, steel support
 Finish: White zinc plated support and cam
 Remark: Default key K530

Performance details:

Handle bearing tension capacity $\leq 200\text{N}$
 Cam bearing capacity $\leq 1000\text{N}$

MS866-22



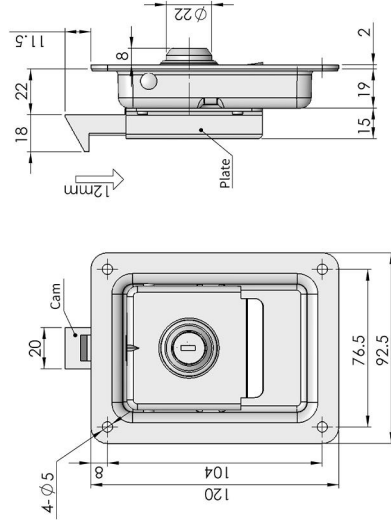
Specification

Material: Stainless steel or steel cup and handle, steel support, zinc alloy cam
 Finish: Mirror polished stainless steel cup and handle, nanometer painted steel cup and handle, zinc-plated support and cam
 Remark: Default key K53

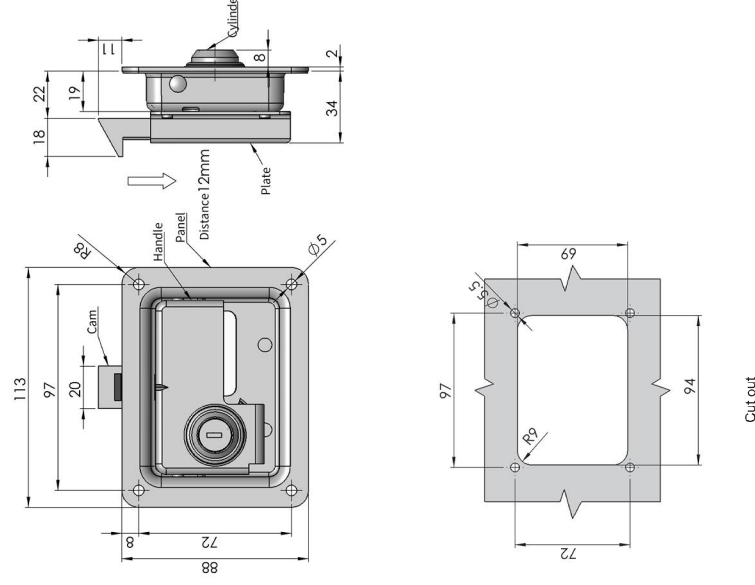
Performance details:

Handle bearing tension capacity $\leq 200\text{N}$
 Cam bearing capacity $\leq 500\text{N}$

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
-------------	-------------	---------------	------------	------------------	------------	-----------------	---------	-----------	-------	-------------



ERP	MS866F2B530001	MS866-21S Stainless steel handle and cup	MS866S44530001
-----	----------------	--	----------------



ERP	MS866F2B530002	MS866-22 Zinc plated
-----	----------------	----------------------

MS866-26



Specification

Material: Stainless steel cup and handle, zinc alloy cam, steel cover
Finish: Mirror polished cup and handle, white zinc plated cam and cover
Remark: Optional lock core, key K13

Performance details:

Handle bearing tension capacity $\leq 180N$
Cam bearing capacity $\leq 1000N$

MS866-27



Specification

Material: Stainless steel cup and handle, zinc alloy cam, steel cover
Finish: Mirror polished cup and handle, white zinc plated cam and cover
Remark: Optional lock core, key K13

Performance details:

Handle bearing tension capacity $\leq 180N$
Cam bearing capacity $\leq 1000N$

MS866-28

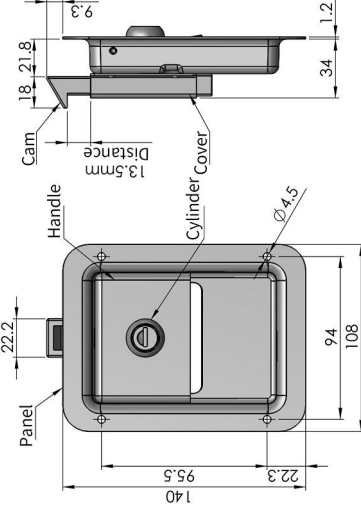
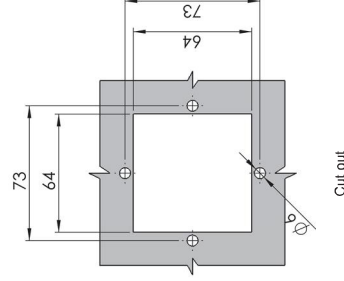
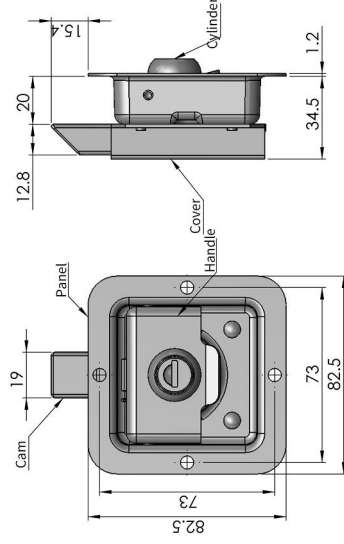


Specification

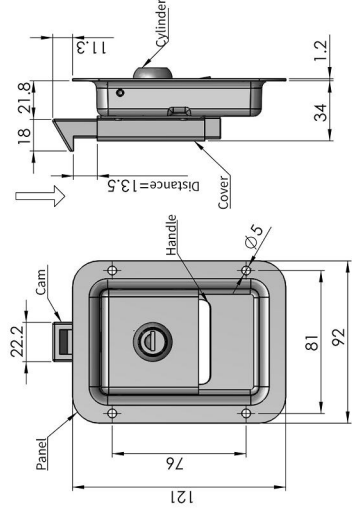
Material: Stainless steel cup and handle, zinc alloy cam, steel cover
Finish: Mirror polished cup and handle, zinc plated cam and cover
Remark: Optional lock core, key K13

Performance details:

Handle bearing tension capacity $\leq 180N$
Cam bearing capacity $\leq 1000N$



Part number	ERP
MS866-26	MS866S4A130001



Part number	ERP
MS866-27	MS866S4A130003

Part number	ERP
MS866-28	MS866S4A130002

MS866-28A(Non-lockable)	MS866S4A000009
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MS982-3



IP65

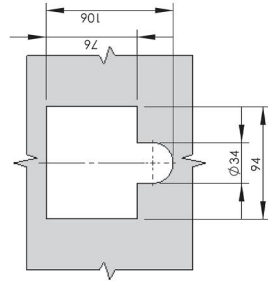
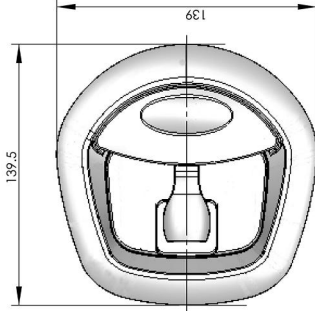
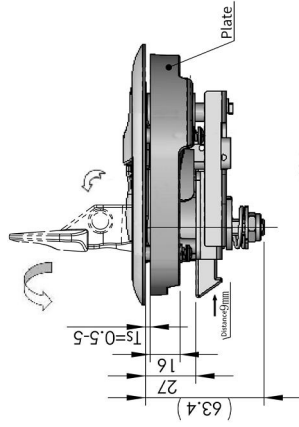
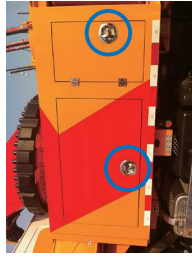
Specification

Material: Zinc alloy handle and housing
Finish: Bright chrome plated
Application: The handle is pulled up and rotated 90 degrees to drive the cam to expand and contract. When the door lock is closed, it can directly collide and close the door

Performance details:

MS982-3
 Handle bearing torque capacity : $\leq 31\text{N}\cdot\text{m}$
 Cam bearing capacity : $\leq 4000\text{N}$

Application Example



Cut out

ERP MS982Z3A5Z0003

TOGGLE AND HOOK SERIES

 DKS	 DK601	 DK602	 DK603
 DK604	 DK605	 DK606	 DK609
 DK610	 DK611	 DK615	 DK617
 DK618	 DK623	 DK624	 DK634
 DK635	 DK636-1	 DK639	 DK725-3B

DKS



Specification

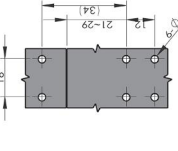
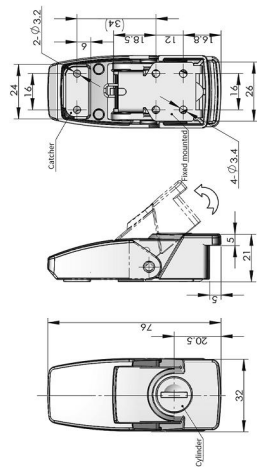
Material: Zinc alloy housing, and catcher, stainless steel bracket
Remark: Optional key K080
Performance details:
Max. static load: 700N

DK601



Specification

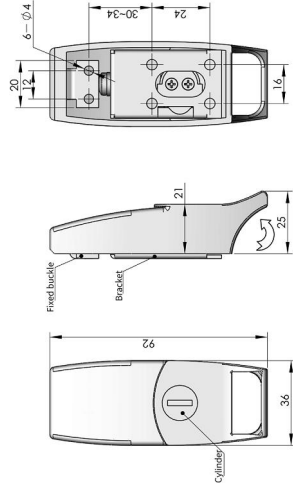
Material: Zinc alloy housing, stainless steel bracket and catcher
Finish: Powder coated (black)
Remark: Optional key K080
Performance details:
Max. static load: 750N



Fixed buckle

Cut out

Specification	Bright chrome plated	ERP	Powder coated (black)
DKS-1 with lock core	DKDKSZ3A080001		DKDKSZ1A080001
DKS-2 without lock core	DKDKSZ3A000001		DKDKSZ1A000001

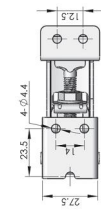


ERP DK601Z1A080001

Cut out

Exposed type

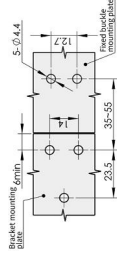
Concealed type



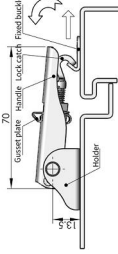
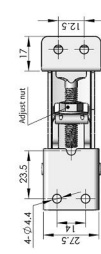
With anti-loose buckle



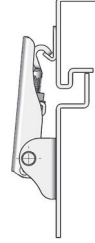
Without anti-loose buckle



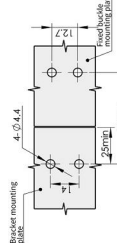
Cut out



With anti-loose buckle



Without anti-loose buckle



Cut out

DK602



Specification

Material: Stainless steel or steel
Finish: Stainless steel electropolished, steel with zinc plated
Performance details:
Max. static load: 430N

Specification	exposed type		concealed type	
	Stainless steel	Steel	Stainless steel	Steel
Without anti-lock	Part number	ERP	Part number	ERP
DK602-1ES	DK602S4A000001	DK602-1E	DK602F3D000001	
With anti-loose buckle	Part number	ERP	Part number	ERP
DK602-3B-1ES	DK602S4A000003	DK602-3B-1E	DK602F3D000004	
Without anti-lock	Part number	ERP	Part number	ERP
DK602-1HS	DK602S4A000002	DK602-1H	DK602F3D000002	
With anti-loose buckle	Part number	ERP	Part number	ERP
DK602-3B-1HS	DK602S4A000004	DK602-3B-1H	DK602F3D000005	

DK603

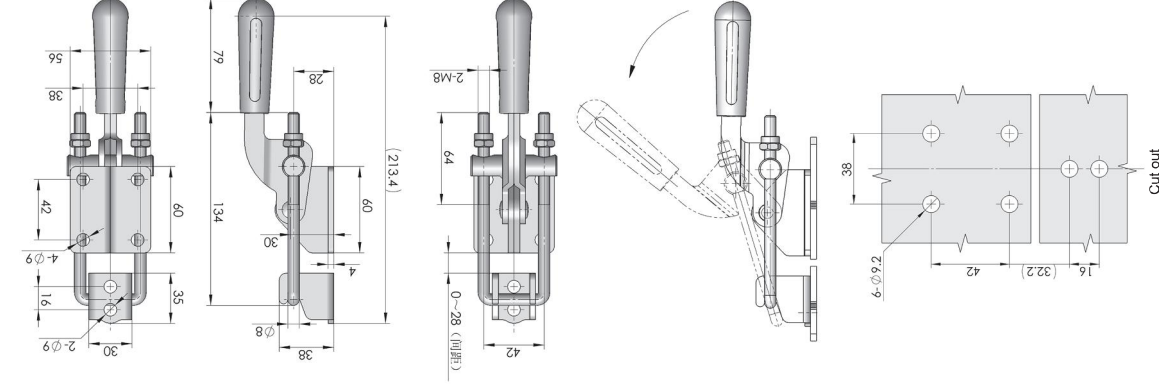


Specification

Material: Steel body and rubber handle
Finish: White zinc plated

Performance details:
Max.static load: 1500N

DK603-3



Specification

Material: Steel
Finish: White zinc plated
Performance details:
Max.static load: 3000N

DK604



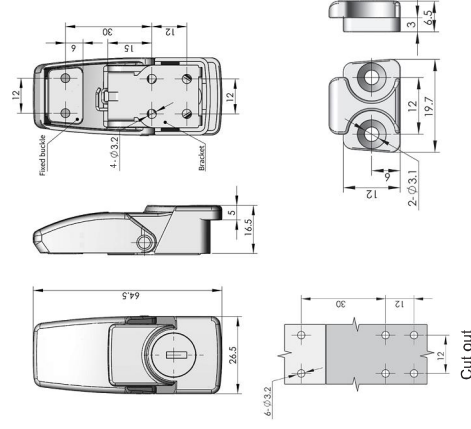
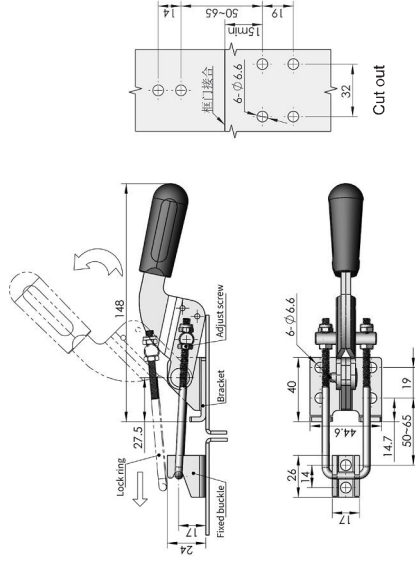
Specification

Material: Zinc alloy housing and catcher, stainless steel bracket

Remark: Optional key K080
Performance details:
Max.static load: 610N

ERP

DK603F3D000001



Specification

Painted(black)

Bright chrome plated

DK604-1 with lock core

DK604-2 without lock core

DK604Z3A080001

DK604Z3A000001

ERP

DK603F3D000004

DK605



Specification

Material: Stainless steel

Finish: Drawing polished

Performance details:

Max.static load: 800N

DK606



Specification

Material: Steel

Finish: White zinc plated

Performance details:

Max.static load: 150N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

Seal gasket

DK609

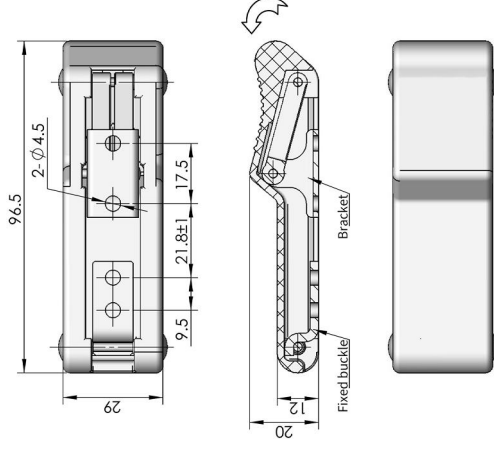


Specification

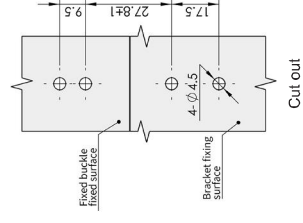
Material: Black rubber handle, stainless steel catcher and bracket

Performance details:

Max.static load: 45N



Catcher



ERP

DK605S4B000004

ERP

DK606F3D000001

ERP

DK609N00000001

DK611



Specification

Material: Stainless steel bracket, button with plastic grip chrome plated steel bolt

Performance details:

Max.static load: 500N

Accessories Handle lock Cylinder lock Plane lock Rod control lock Panel lock Toggle and hook Handles Door stop Hinge Seal gasket

DK610

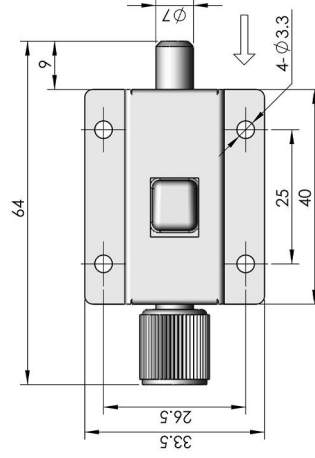
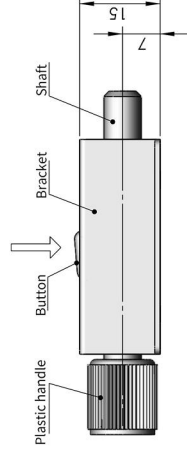
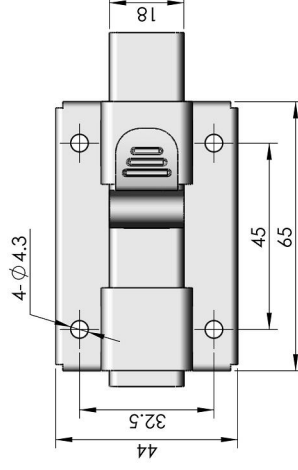
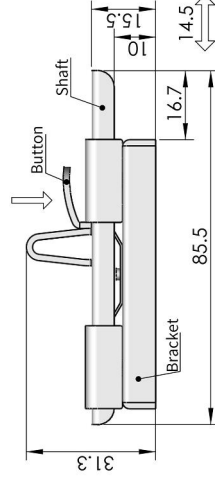


Specification

Material: Stainless steel
Finish: Electropolished

Performance details:

Max.static load: 765N



ERP

DK611S00000001

ERP

DK610S00000001

DK617-5



Specification

Material: Stainless steel
Finish: Vibration grinding
Application: Padlock available

Performance details:
Max.static load: 750N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

Hinge

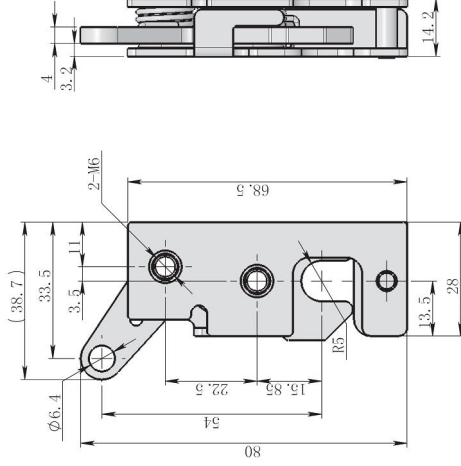
Seal gasket

DK618-9

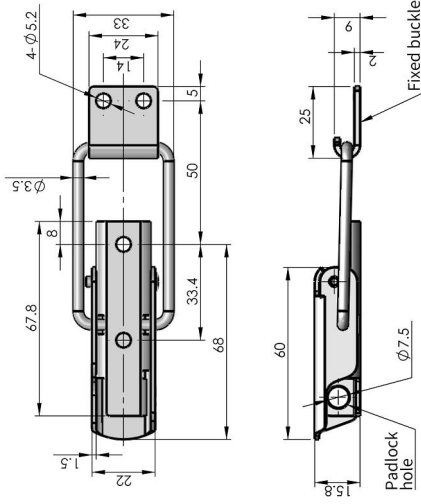


Specification

Material: Steel
Finish: White zinc plated
Drawing is DK618-9-Y



Specification	Part number	ERP
LH	DK618-9-Z	DK618F3D000012
RH	DK618-9-Y	DK618F3D000011



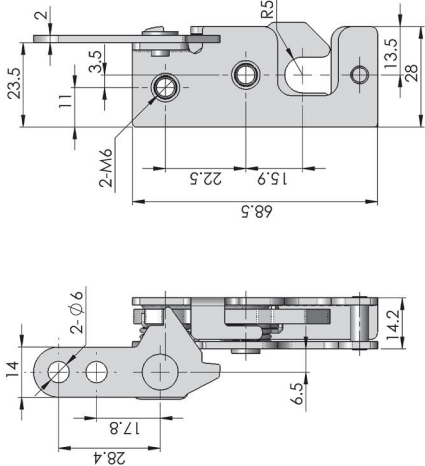
ERP DK617S9D4001

DK618-7



Specification

Material: Steel
Finish: White zinc plated
Drawing is DK618-7-Z



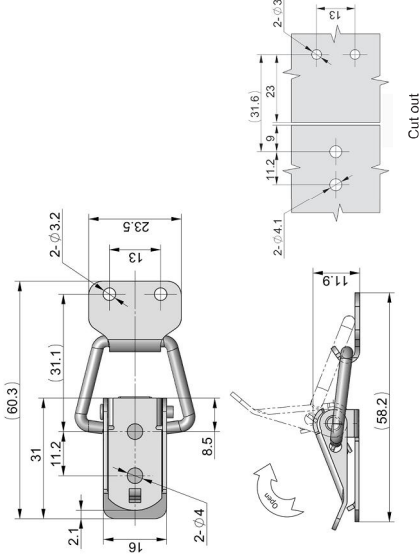
Specification	Part number	ERP
LH	DK618-7-Z	DK618F3D000007
RH	DK618-7-Y	DK618F3D000008

DK619-2-1D



Specification

Material: 304 stainless steel with plastic
Finish: Mirror polishing
Performance details:
Max.static load: 180N



ERP DK619S4A000001

DK637



Specification

Material: Zinc alloy housing, button, lock bolt
Finish: Nickel plated
Application: When the button with stroke 6.5, the lock bolt shrink 7
Performance details:
Max static load: 400N

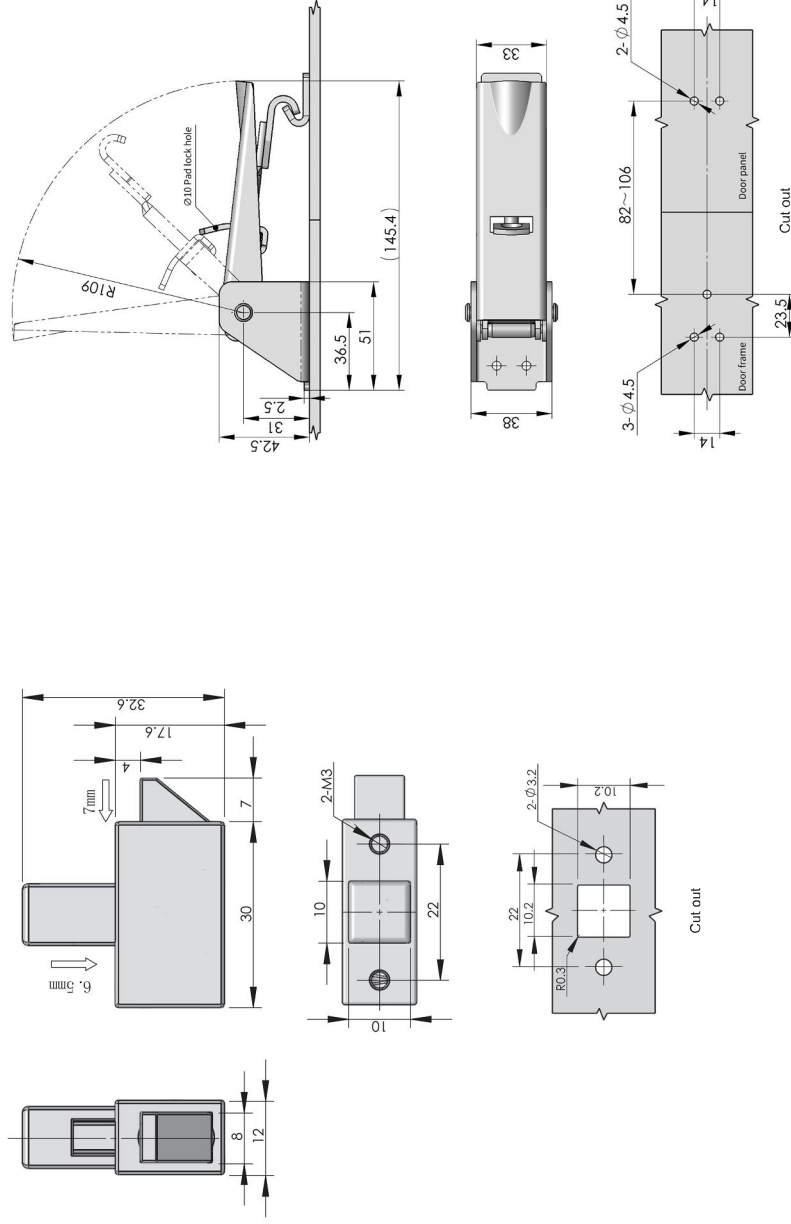
Accessories Handle lock Cylinder lock Plane lock Rod control lock Panel lock Toggle and hook Handles Door stop Hinge Seal gasket

DK639



Specification

Material: Steel
Finish: White zinc plated
Performance details:
Max static load: 570N



ERP DK637Z3G000001

ERP DK639F3D000001

DK725



DK725-1
DK725-2



DK725-3B

Specification

Material: ABS lock body or PA lock body

Performance details:

Max.static load: 300N

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

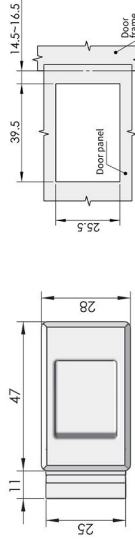
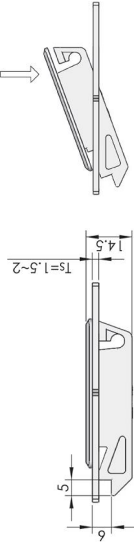
Handles

Door stop

Hinge

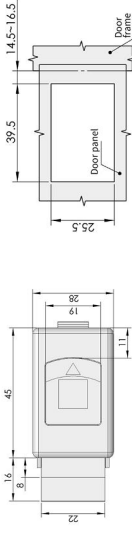
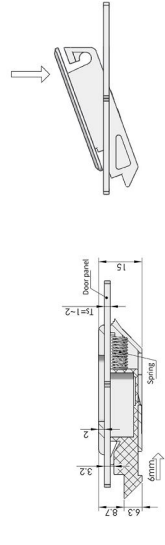
Seal gasket

DK725-1
DK725-2



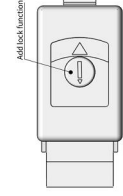
Cut out

DK725-3B



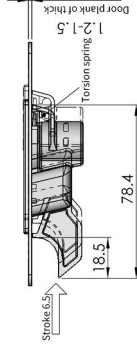
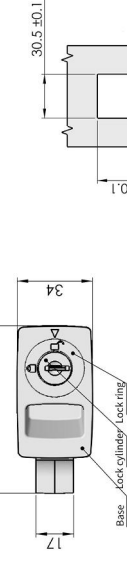
Cut out

DK725-3C



Specification	Part number	ERP	
		ABS silver	ABS black
T=1-5	DK725-1	DK725N000000001	DK725N000000002
T=2	DK725-2	DK725N000000003	DK725N000000004
T=1-2	DK725-3B	DK725N000000010	DK725N000000006
T=1-2	DK725-3C	DK725N000000011	DK725N000000007

DK725-5



1. Fix the front part of the sliding lock through the hole and press forward

2. Clamp the back end of the board into place



ERP DK725N00140001

Specification

Material: Nylon(black)

Application: Turn lock core to open position drive the housing flexible

Performance details:

Max.static load: 200N

DK725-7



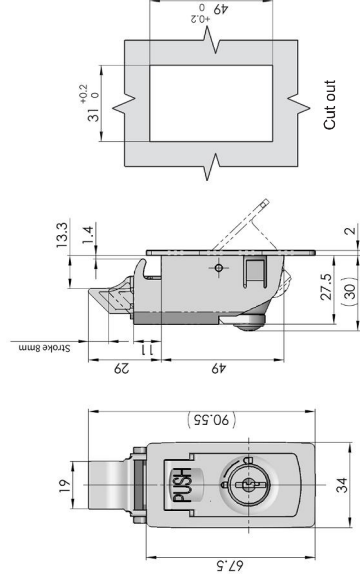
Specification

Material: Nylon(black)

Application: Dotted lines represent the key turn 90 degree in clockwise handle down and the lock bolt remove back to open position
Remark: Default key K148(black)

Performance details:

Max.static load: 245N



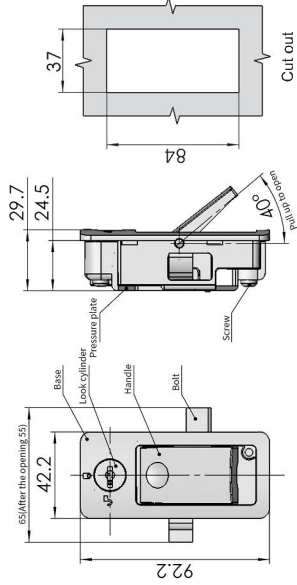
ERP DK725N001480001

DK725-8



Specification

Material: ABS+PC housing and handle, PC pressing plate and ock core, ABS latch and bolt, stainless steel screw
 Finish: Natural(black)
 Application: Turn left the key pull up the handle to open
 Remark: Default key K164
Performance details:
 Max.static load: 480N



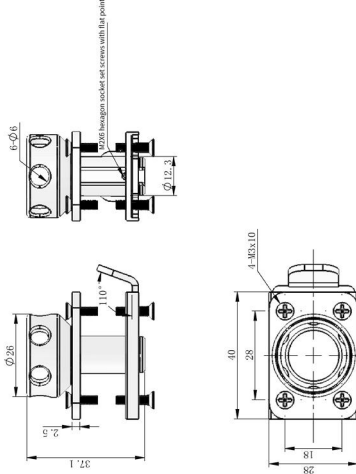
ERP DK725N00164001

DK881



Specification

Material: Steel knob and lock core, stainless steel slider, zinc alloy bracket
 Finish: Bright nickel plated



ERP DK881F3R000001

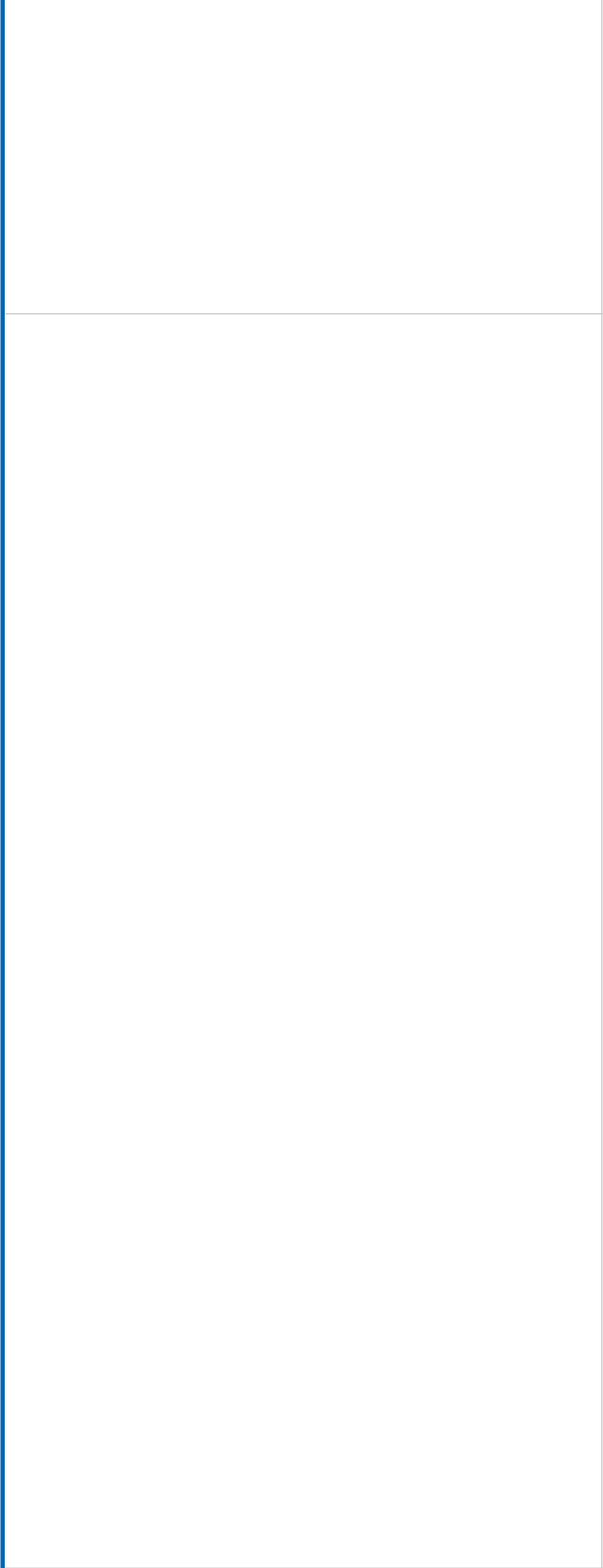
HANDLES SERIES

LS501	LS503	LS504-1	LS504-2	LS504-3
LS505	LS506	LS507	LS508	LS509
LS510	LS511	LS513	LS515	LS514-1
LS514-2	LS514-3-4-5	LS516	LS516-2A	LS518
LS519	LS520	LS521	LS522	LS532

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
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LS501





LS503





Accessories		Handle lock		Cylinder lock		Plane lock		Rod control lock		Panel lock		Toggle and hook		Handles		Door stop		Hinge		Seal gasket	
LS504-3												LS506									
Specification Material: Steel fixture, rubber sleeve pull ring, stainless steel spring Finish: Powder coat (black) Performance details: Max. static load: 1610N												Specification Performance details: Max.static load: 1200N(L=90)									
Cut out												Cut out									
ERP												LS504F1A000001									
LS505												ERP									
Specification Material: Black PP Performance details: Max.static load: 650N												Specification Material: Black PP Performance details: Max.static load: 650N									
Accessories		Handle lock		Cylinder lock		Plane lock		Rod control lock		Panel lock		Toggle and hook		Handles		Door stop		Hinge		Seal gasket	
ERP		LS505N001.32001		ERP		LS506-160		LS506-S160		LS506S4A1.60001		LS506S4A1.55001		LS506S4A1.49001		LS506S4A1.35001		LS506S4A1.19001		LS506S4A1.100001	
LS506-135		LS506F3A135001		LS506-S135		LS506S4A1.35001		LS506S4A1.19001		LS506S4A1.100001		LS506S4A1.00001		LS506-100		LS506F3A100001		LS506-S90		LS506S4A090001	
LS506-119		LS506F3A119001		LS506-S119		LS506S4A1.19001		LS506S4A1.100001		LS506-90		LS506F3A090001		LS506-84		LS506F3A084001		LS506-70		LS506F3A070001	
LS506-100		LS506F3A100001		LS506-S100		LS506S4A1.100001		LS506-90		LS506F3A090001		LS506-S90		LS506-84		LS506F3A084001		LS506-70		LS506F3A070001	
LS506-90		LS506F3A090001		LS506-S90		LS506S4A090001		LS506-84		LS506F3A084001		LS506-70		LS506F3A070001		LS506-60		LS506F3A060001		LS506-55	
LS506-84		LS506F3A084001		LS506-S84		LS506S4A084001		LS506-70		LS506F3A070001		LS506-60		LS506F3A060001		LS506-55		LS506F3A055001		LS506-50	
LS506-70		LS506F3A070001		LS506-S70		LS506S4A070001		LS506-60		LS506F3A060001		LS506-55		LS506F3A055001		LS506-50		LS506F3A050001		LS506-45	
LS506-60		LS506F3A060001		LS506-S60		LS506S4A060001		LS506-55		LS506F3A055001		LS506-50		LS506F3A050001		LS506-45		LS506F3A045001		LS506-40	
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LS506-45		LS506F3A045001		LS506-S45		LS506S4A045001		LS506-40		LS506F3A040001		LS506-35		LS506F3A035001		LS506-30		LS506F3A030001		LS506-25	
LS506-40		LS506F3A040001		LS506-S40		LS506S4A040001		LS506-35		LS506F3A035001		LS506-30		LS506F3A030001		LS506-25		LS506F3A025001		LS506-20	
LS506-35		LS506F3A035001		LS506-S35		LS506S4A035001		LS506-30		LS506F3A030001		LS506-25		LS506F3A025001		LS506-20		LS506F3A020001		LS506-15	
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LS506-15		LS506F3A015001		LS506-S15		LS506S4A015001		LS506-10		LS506F3A010001		LS506-05		LS506F3A005001		LS506-00		LS506F3A000001		LS506-00	
LS506-10		LS506F3A010001		LS506-S10		LS506S4A010001		LS506-05		LS506F3A005001		LS506-00		LS506F3A000001		LS506-00		LS506F3A000001		LS506-00	
LS506-05		LS506F3A005001		LS506-S05		LS506S4A005001		LS506-00		LS506F3A000001		LS506-00		LS506F3A000001		LS506-00		LS506F3A000001		LS506-00	
LS506-00		LS506F3A000001		LS506-S00		LS506S4A000001		LS506-00		LS506F3A000001		LS506-00		LS506F3A000001		LS506-00		LS506F3A000001		LS506-00	

LS506-S100-1D

Accessories

Handle lock

Cylinder lock

Plane lock

Rod control lock

Panel lock

Toggle and hook

Handles

Door stop

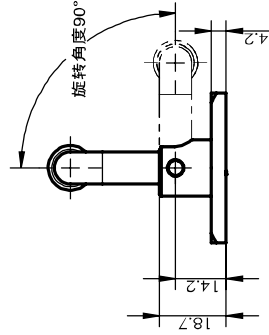
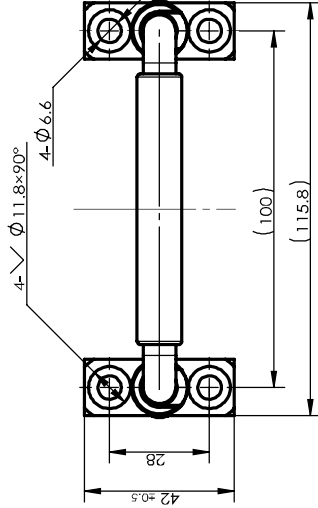
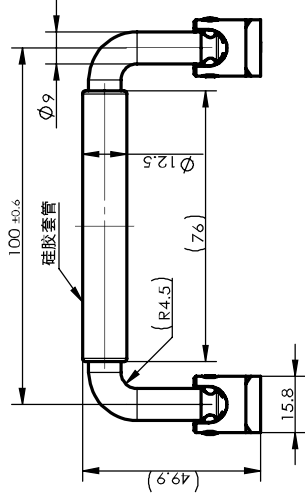
Hinge

Seal gasket

New

Material: Stainless steel
Surface treatment: Magnetic vibration

Maximum static load: 1400N
Vertical installation: 1400N
Parallel installation: 2400N



ERP LS506S00100002

LS507

Specification

Material: Stainless steel or steel
Finish: Steel (bright chrome plated)
Performance details:
Max.static load: 1500N (Part Number: LS507-S75)

Cut out

Specification	steel (bright chrome plated)	ERP	Part Number	Stainless steel	ERP
L=68	LS507-68	LS507F3A068001			
L=75	LS507-75	LS507F3A075001			
L=100	LS507-100	LS507F3A100001	LS507-S100	LS507S4A100001	
L=150	LS507-150	LS507F3A150001	LS507-S150	LS507S4A150001	

LS508

Specification

Material: Stainless steel or steel
Performance details:
Max.static load: 1200N(L=90)



Specification	steel (bright chrome plated)	ERP	Part Number	Stainless steel	ERP
L=55	LS508-55	LS508F3A055001	LS508-S55	LS508S4A055001	
L=60	LS508-60	LS508F3A060001	LS508-S60	LS508S4A060001	
L=70	LS508-70	LS508F3A070001	LS508-S70	LS508S4A070001	
L=74	LS508-74	LS508F3A074001			
L=84	LS508-84	LS508F3A084001	LS508-S84	LS508S4A084001	
L=90	LS508-90	LS508F3A090001	LS508-S90	LS508S4A090001	
L=102	LS508-102	LS508F3A102001	LS508-S102	LS508S4A102001	
L=122	LS508-122	LS508F3A122001	LS508-S122	LS508S4A122001	
L=138	LS508-138	LS508F3A138001	LS508-S138	LS508S4A138001	

LS509

Specification

Material: Stainless steel or steel
Finish: Polished or bright chrome plated

Performance details:

Max.static load：1000N(L=90)

Cut out

Specification	steel (bright chrome plated)		Stainless steel	
	Part Number	ERP	Part Number	ERP
L=55	LS509-55	LS509F3A055001		
L=60	LS509-60	LS509F3A060001	LS509-S560	LS509S4A060001
L=70	LS509-70	LS509F3A070001	LS509-S570	LS509S4A070001
L=74	LS509-74	LS509F3A074001	LS509-S574	LS509S4A074001
L=84	LS509-84	LS509F3A084001	LS509-S584	LS509S4A084001
L=90	LS509-90	LS509F3A090001	LS509-S590	LS509S4A090001
L=102	LS509-102	LS509F3A102001	LS509-S102	LS509S4A102001
L=122	LS509-122	LS509F3A122001	LS509-S122	LS509S4A122001
L=138	LS509-138	LS509F3A138001		

LS510

Specification

Material: Zinc alloy

Performance details:

Max.static load：1500N

Cut out

ERP	bright chrome plated	Nanometer
	LS510Z3A100001	LS510Z2B100001

LS511

Specification

Performance details:

Part Number: LS511-100

Max.static load: 1800N

diameter

Cut out

Steel (bright chrome plated)		Stainless steel (mirror polished)		Zinc alloy (bright chrome plated)		Specification			
Part number	ERP	Part number	ERP	Part number	ERP	L	d	H	D
LS511-1-B55	LS511F3A055001	LS511-BS55	LS511S4A055001			55	6	26	M4 Ø4.5
LS511-1-S60	LS511F3A060001	LS511-BS60	LS511S4A060001			60	6	26	M4 Ø4.5
LS511-1-B70	LS511F3A070001	LS511-BS70	LS511S4A070001			70	6	32	M4 Ø4.5
LS511-1-S82	LS511F3A082001	LS511-BS82	LS511S4A082001			82	6	26	M4 Ø4.5
LS511-1-B90	LS511F3A090001	LS511-BS90	LS511S4A090001			90	6	32	M4 Ø4.5
LS511-1-B102	LS511F3A102001	LS511-BS102	LS511S4A102001			102	6	32	M4 Ø4.5
		LS511-BS122	LS511S4A122001			122	6	32	M4 Ø4.5
LS511-1-A75	LS511F3A075001	LS511-AS75	LS511S4A075001			75	8	40	M5 Ø6
LS511-1-A100	LS511F3A100001	LS511-AS100	LS511S4A100001			100	8	32	M5 Ø6
		LS511-AS150	LS511S4A150001			150	8	40	M5 Ø6
LS511-1-90	LS511F3A090002	LS511-S90	LS511S4A090002			90	9	32	M5 Ø6
LS511-1-100	LS511F3A100002	LS511-S100	LS511S4A100002			100	9	32	M5 Ø6
LS511-1-119	LS511F3A119001	LS511-S119	LS511S4A119001			119	9	40	M5 Ø6
LS511-1-135	LS511F3A135001	LS511-S135	LS511S4A135001			135	9	32	M5 Ø6
LS511-1-155	LS511F3A155001					155	9	32	M5 Ø6
LS511-1-160	LS511F3A160001	LS511-S160	LS511S4A160001			160	9	40	M5 Ø6
				LS511-Z120	LS511Z3A120001	120	10	37	M6 Ø7
				LS511-Z180	LS511Z3A180001	180	12	45	M5 Ø7

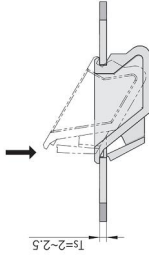
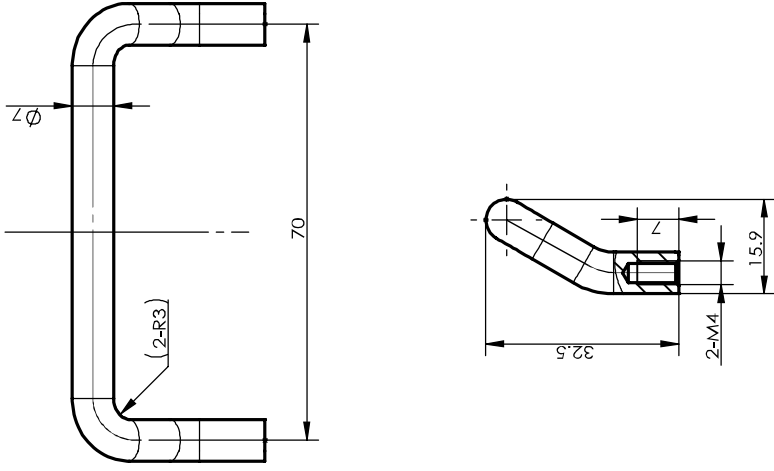
Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LS513										
LS515										
LS514-1										
LS514-2										
LS514-3-4-5										

Specification		Part number	ERP
L	A		
300	266	LS513-300	LS513N003000002
400	366	LS513-400	LS513N004000002
500	466	LS513-500	LS513N005000001
600	566	LS513-600	LS513N006000001
700	666	LS513-700	LS513N007000002
900	866	LS513-900	LS513N009000002

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LS516							LS516-2A-1D			
Specification							Specification			
Material: Aluminum alloy Finish: Powder coat (black) Performance details: Max.static load : 2500N(L=100)							Material: Aluminum alloy Finish: Painted Performance details: Max.static load : 1000N			
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Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LS519										
LS521										
LS520										
LS523										

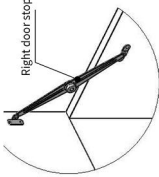
Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LS522 Specification Material: Black PA Performance details: Max.static load : 800N										
LS522-1 ERP										
LS522-2 ERP										
LS522-3 ERP										
LS531 Specification Material: Steel Finish: Bright chrome plated Performance details: Max.static load : 2595N										
LS532 Specification Material: PC (Grey) Performance details: Max.static load : 500N										

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
LS537-3 Specification Material: ABS (Black) Performance details: Max.static load: 400N		LS539-2 New Specification Material: Carbon steel handle Surface treatment: Bright chrome plating Performance details: Maximum static load: 1000N		ERP LS537N000000004	ERP LS539A4C086001	ERP LS539F3A070001				
LS539 Specification Material: Aluminum alloy Finish: Polished Performance details: Max.static load: 1790N										

DOOR STOP SERIES

TX80-1	TX80-2	TX90-1
TX90-2	TX90-3	TX91
TX92-2	TX100-B	TX101-1 TX101+2

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
TX80-1										
TX80-2										

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
TX90-1		Specification		Material: Steel Finish: Bright chrome plated		Example of application		TX90-2		
								ERP TX90-1-Z LH TX090F3A001 TX90-1-Y RH TX090F3A002 5.8		
TX90-3		Specification		Material: Steel Finish: Chrome-plated				TX91		
								ERP TX090F3A011 TX91-1-Z LH TX091S00002 TX91-1-Y RH TX091S00001		
								ERP TX90F3A008 TX90-2-Z LH TX090F3A009 TX90-2-Y RH TX090F3A009		
								ERP TX090F3A011 TX91-1-Z LH TX091S00002 TX91-1-Y RH TX091S00001		
								ERP TX090F3A011 TX91-1-Z LH TX091S00002 TX91-1-Y RH TX091S00001		

Accessories	Handle lock	Cylinder lock	Plane lock	Rod control lock	Panel lock	Toggle and hook	Handles	Door stop	Hinge	Seal gasket
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TX91-3										
TX92-2										

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