

WE ARE AN INTERNATIONAL BRAND

Europe

Finland
France
Germany
Italy
Poland
Spain
Sweden
Turkey
Norway
UK

North America

Canada
USA

South America

Mexico
Brazil
Colombia
Chile
Argentina
Peru

Asia-Pacific

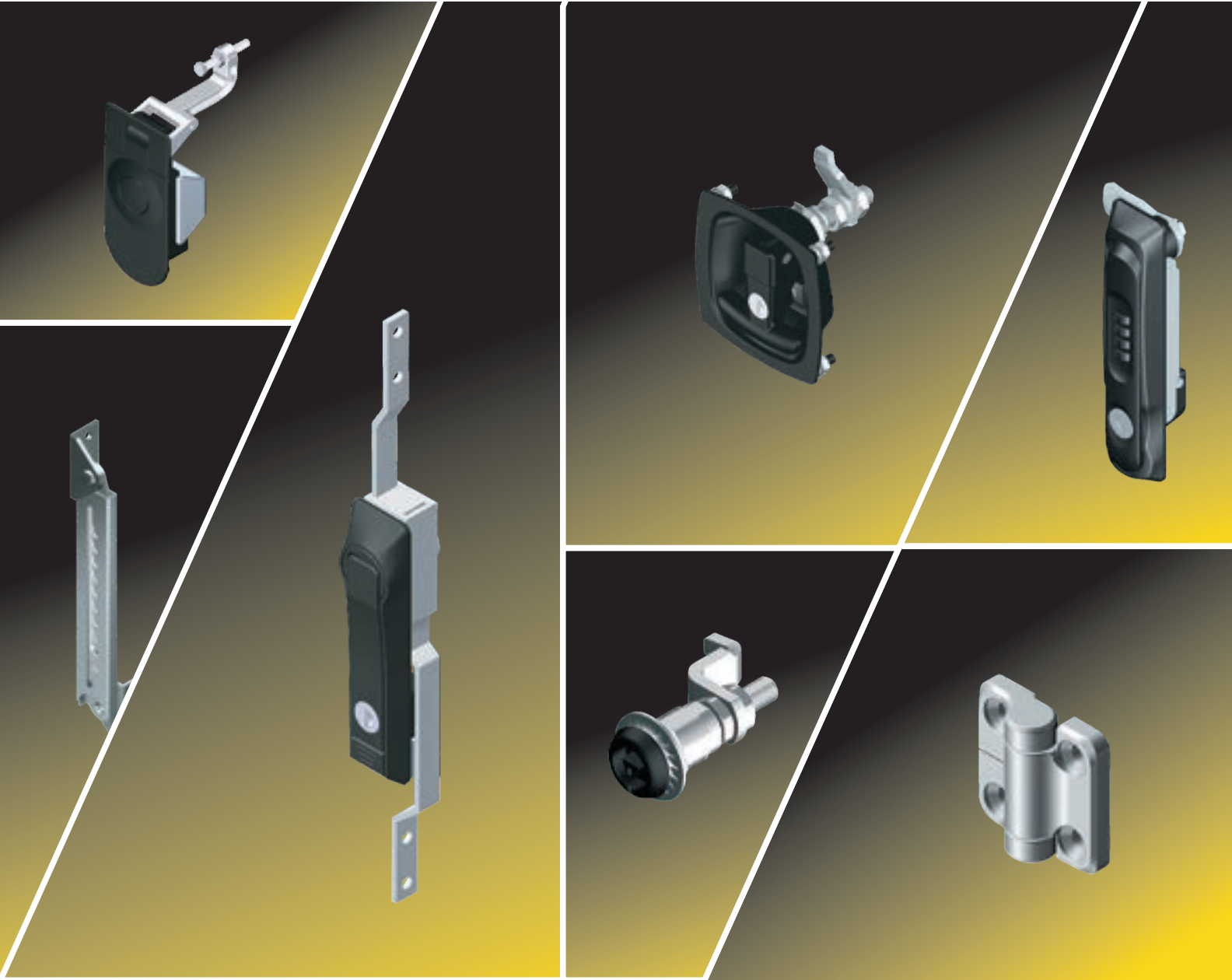
Australia
China
Indonesia
India
Malaysia
Philippine
Singapore
South Korea
Thailand
Vietnam

Middle East

Egypt
Iran
United Arab Emirates

Africa

South Africa



Product Catalogue 2018



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E-mail: info@hardwareontime.com
general@hardwareontime.com

- 01 LOCKS
- 02 HINGES
- 03 HANDLES
- 04 COVER STAY
- 05 GASKETING
- 06 ACCESSORIES





HOT – Global Industrial hardware supplier, providing high quality locking and hinging, access control systems and components for:

- Electrical Cabinets and Enclosures
- IT & Network enclosure
- Industrial Machine Equipment
- Automotive Industry
- ATM & Vending Machine
- Food industry Equipment



Our manufacturing ability is from product design, tooling develop, zinc die casting, Al. die casting and plastic injection, CNC turning and Milling Process, Stamping and bending Process, Surface treatment: Powder coated, chrome plating and finally Sub-Assemble.

Explanation Pictograms

RL

Right & left side opening

L

Left side opening

R

Right side opening

Padlockable

Attention

IP50

IP-rating: IP50

IP64

IP-rating: IP64

IP65

IP-rating: IP65

Pur foam sealing

External hinge

Concealed hinge

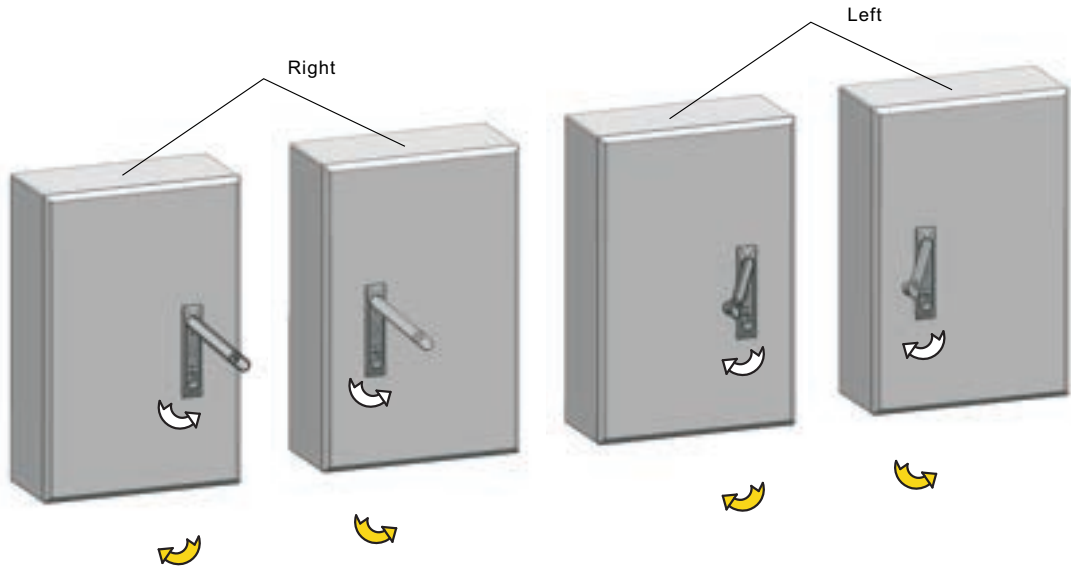
Lift-off hinge

Stainless steel

Protection categories to IEC 60 529
The IP protection category is characterised by 2numbers.Example of protection category:e.g.IP 54.

Rrst NO.	Degrees of protection for protection for protection against contact and foreign bodies	Sec. NO.	Degrees of protection for protection against water
1	Protected against solid foreign objects Φ 50 mm and greater	1	Protected against vertically falling water drops
2	Protected against solid foreign objects Φ 12.5 mm and greater	2	Protected against vertically falling water drops when the enclosure is tilted up to 15
3	Protected against solid foreign objects Φ 2.5 mm and greater	3	Protected against splashing water
4	Prorected against solid foreign obiects Φ 1.0mm and greater	4	Protected against splashing water
5	Dust-protected	5	Protected against water jets
6	Dust-tight	6	Protected against powerful ater jets
		7	Protected against the effects of temporary immersion in water

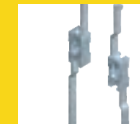
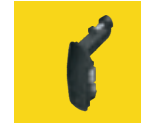
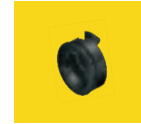
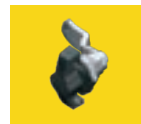
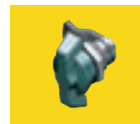
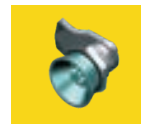
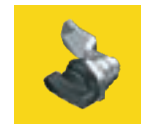
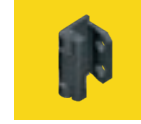
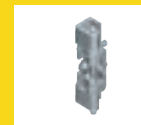
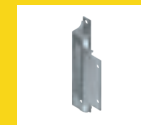
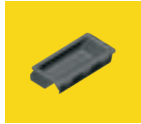
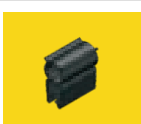
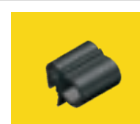
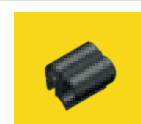
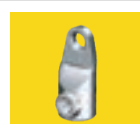
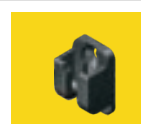
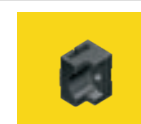
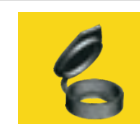
Explanation of the terms left hand/right hand door and locking direction

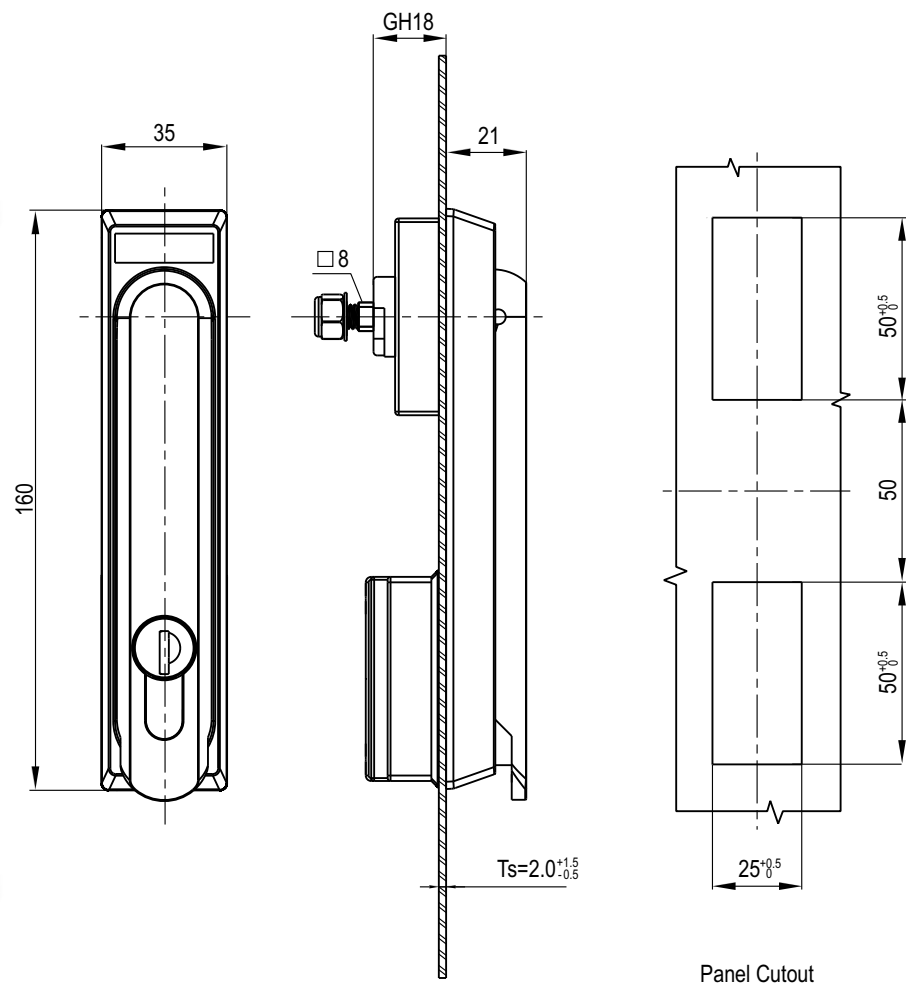


A section of our standard surface treatment , The specific color code is at end of our product order code.

Code	Surface treatment	Code	Surface treatment
-10	Smoothly black powder coated	-60	Bule green powder coated
-20	Black textured powder coated	-01	Zinc plating
-30	Bright Chrome	-32	RAL7032 Powder coated RAL7032
-40	Satin Chrome	-35	RAL7035 Powder coated RAL7035
-50	Black E-coated	-80	Nickel plated

A selection of our most HOT products,
For more procusts, Pls review inside pages.

Lock														
	PAGE 01	PAGE 02	PAGE 05	PAGE 07	PAGE 13	PAGE 15		PAGE 18	PAGE 21	PAGE 22	PAGE 24	PAGE 25	PAGE 26	PAGE 43
														
	PAGE 44	PAGE 45	PAGE 45	PAGE 50	PAGE 52	PAGE 53		PAGE 54	PAGE 55	PAGE 57	PAGE 58	PAGE 59	PAGE 60	PAGE 62
														
	PAGE 63	PAGE 64	PAGE 66	PAGE 68	PAGE 68	PAGE 69		PAGE 69	PAGE 108	PAGE 109	PAGE 88	PAGE 90	PAGE 96	PAGE 97
														
	PAGE 73	PAGE 74	PAGE 75	PAGE 76	PAGE 77	PAGE 79		PAGE 79	PAGE 81	PAGE 82	PAGE 82	PAGE 83	PAGE 84	PAGE 87
Hinges														
	PAGE 115	PAGE 116	PAGE 117	PAGE 117	PAGE 120	PAGE 121		PAGE 122	PAGE 123	PAGE 124	PAGE 124	PAGE 125	PAGE 125	PAGE 126
														
	PAGE 126	PAGE 127	PAGE 141	PAGE 142	PAGE 143	PAGE 145		PAGE 149	PAGE 149	PAGE 151	PAGE 152	PAGE 154	PAGE 155	PAGE 156
														
	PAGE 164	PAGE 165	PAGE 166	PAGE 167	PAGE 167	PAGE 167		PAGE 168	PAGE 168	PAGE 168	PAGE 169	PAGE 170	PAGE 171	PAGE 172
														
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Handles														
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Cover stay														
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Gasketing														
	PAGE 194	PAGE 194	PAGE 194	PAGE 195	PAGE 195	PAGE 195								
Accessories														
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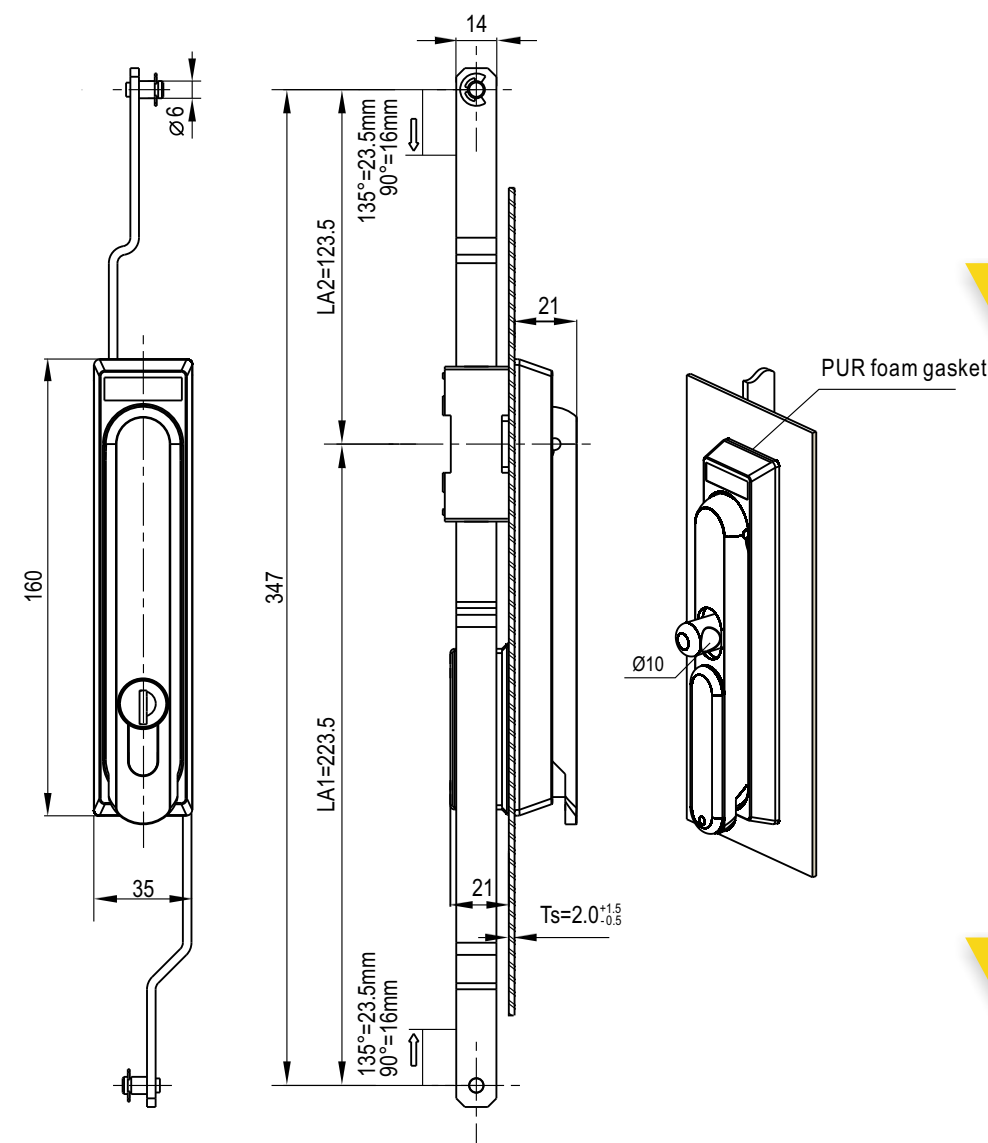
Panel Cutout

Zinc die body black powder coated, zinc die rod control, brass shaft m.s. zinc plated flat rod, SUS304 padlock device.

Cylinder style	Version A(Cam control)	
	Dust Cap	
	With	Without
Alike YK333 Profile Round Cylinder	1100-1P01-C	1100-1P01-NC
Double Bit 4mm	1100-1P02-C	1100-1P02-NC
Square 7mm	1100-1P03-C	1100-1P03-NC
Triangular 8mm	1100-1P04-C	1100-1P04-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

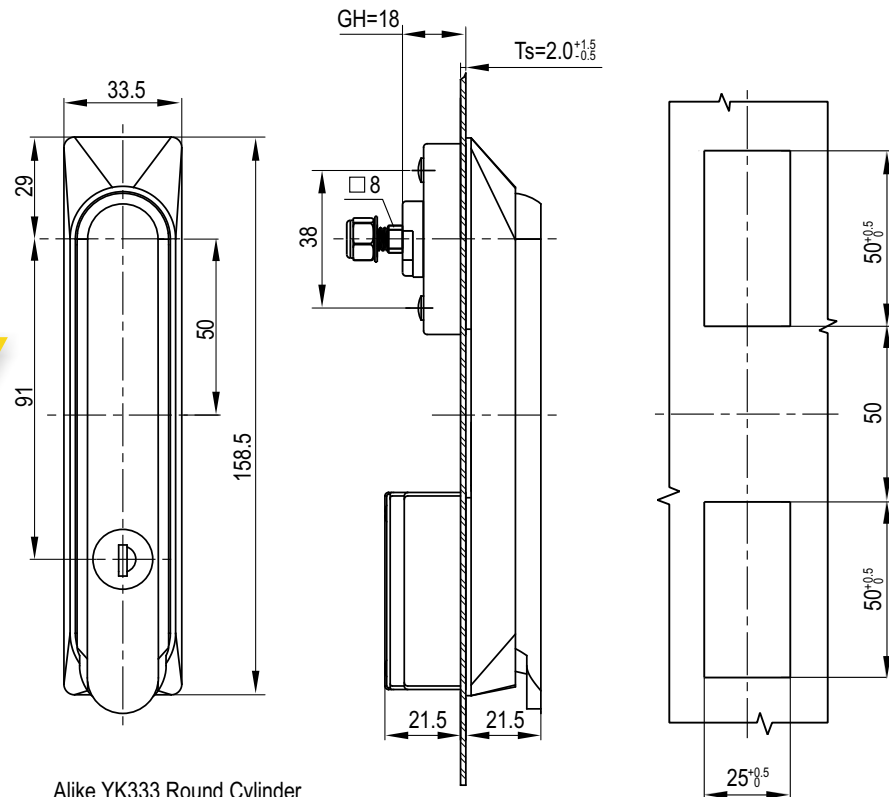


Zinc die body black powder coated, zinc die rod control, brass shaft m.s. zinc plated rod, SUS304 padlock device.

Cylinder style	Version B(2P.rod control)		Version C(3P.rod control)	
	Dust Cap		Dust Cap	
	With	Without	With	Without
Alike YK333 Profile Round Cylinder	1100-2P01-C	1100-2P01-NC	1100-3P01-C	1100-3P01-NC
Double Bit 4mm	1100-2P02-C	1100-2P02-NC	1100-3P02-C	1100-3P02-NC
Square 7mm	1100-2P03-C	1100-2P03-NC	1100-3P03-C	1100-3P03-NC
Triangular 8mm	1100-2P04-C	1100-2P04-NC	1100-3P04-C	1100-3P04-NC

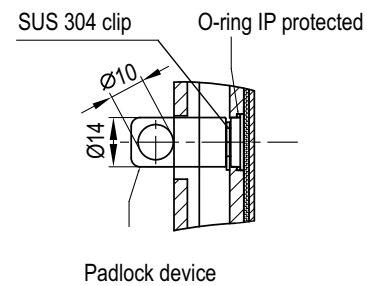
Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Alike YK333 Round Cylinder

Panel Cutout



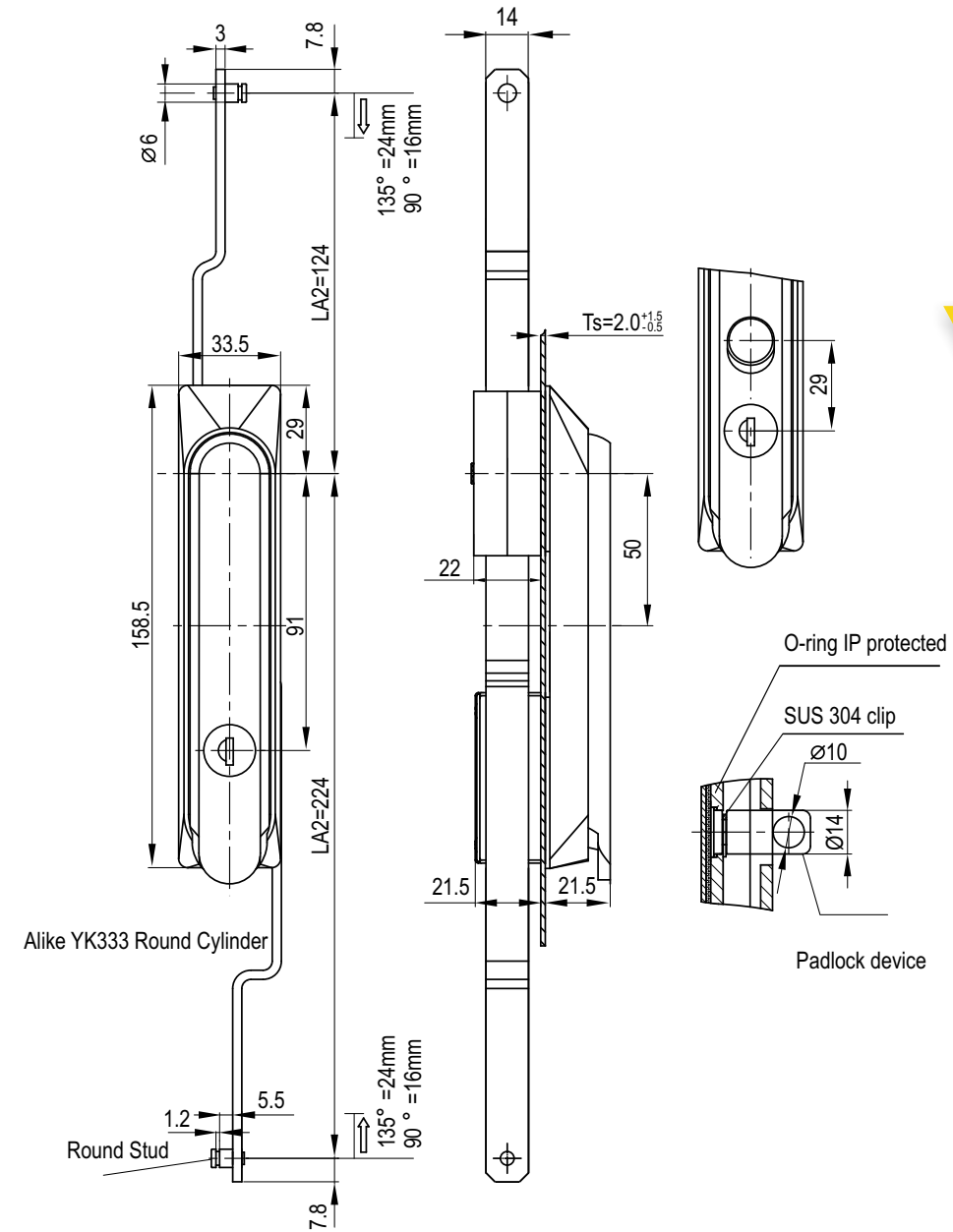
Padlock device

PA lock body, brass shaft m.s zinc plated fixing parts

Cylinder style	Version A(Cam control)	
	Dust Cap	
	With	Without
Alike YK333 Round Cylinder	1101-1001-C	1101-1001-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Alike YK333 Round Cylinder

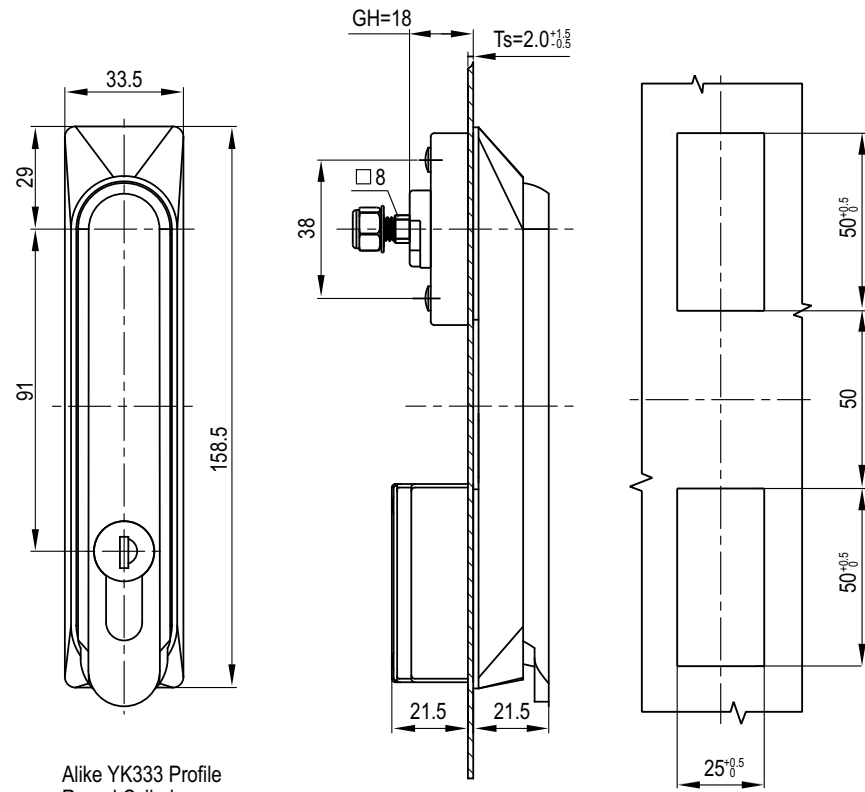
Padlock device

PA lock body, zinc die rod control, brass shaft m.s. zinc plated rod.

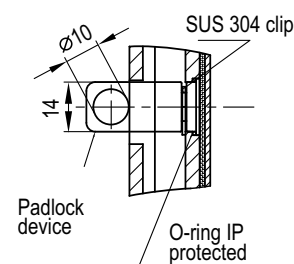
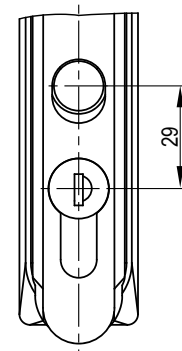
Cylinder style	Version B(2P.rod control)		Version C(3P.rod control)	
	Dust Cap		Dust Cap	
	With	Without	With	Without
Alike YK333 Round Cylinder	1101-2001-C	1101-2001-NC	1101-3001-C	1101-3001-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1190 series

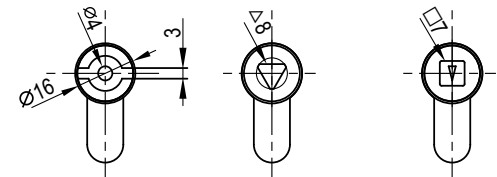
Remark
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2. CH751 key code on request
3. Padlockable on request



Alike YK333 Profile
Round Cylinder



Panel Cutout



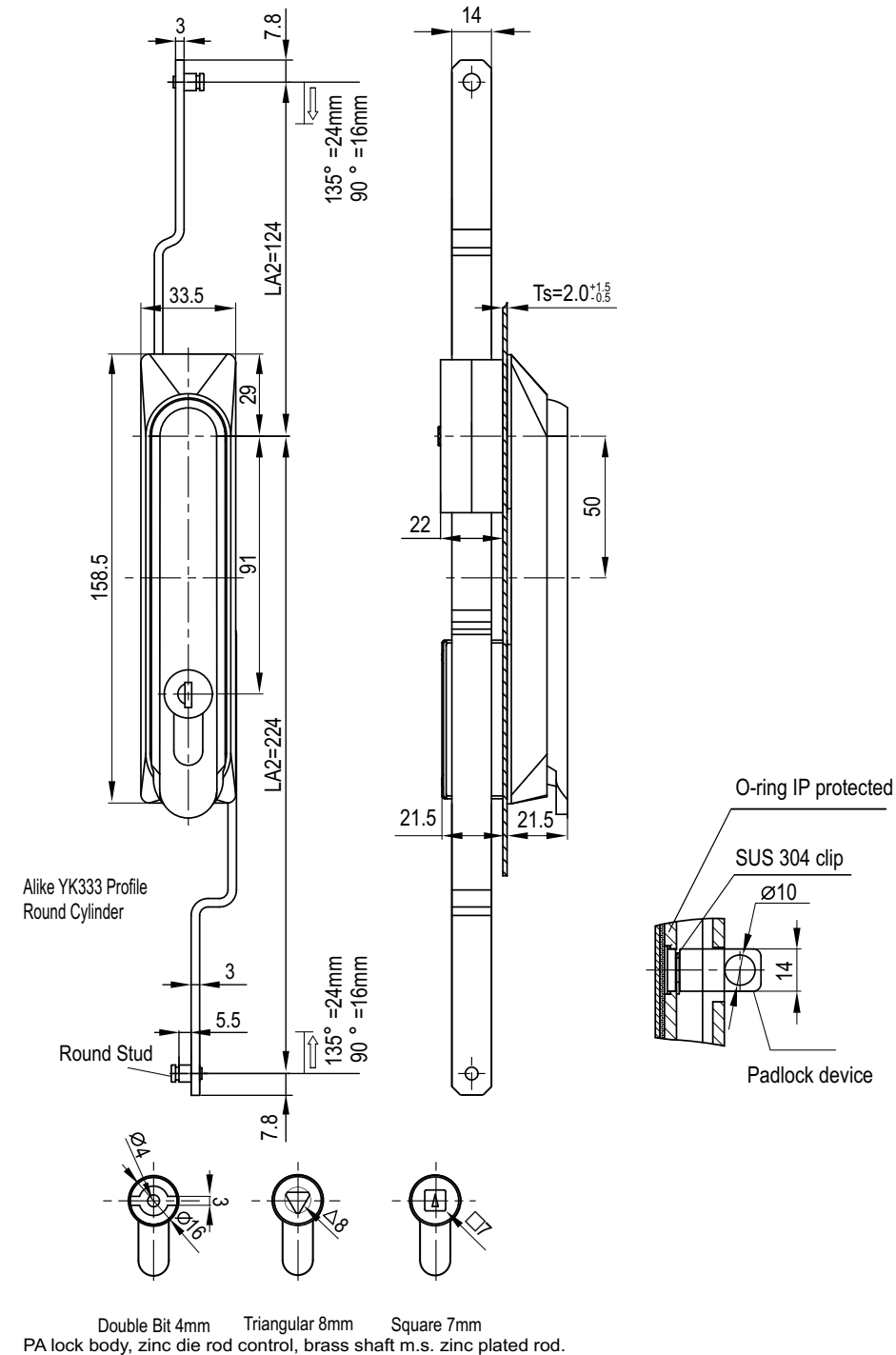
Double Bit 4mm Triangular 8mm Square 7mm

PA lock body, brass shaft m.s zinc plated fixing parts

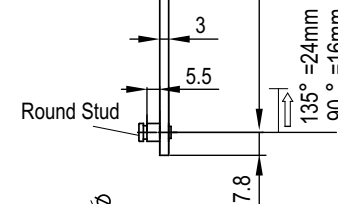
Cylinder style	Version A(Cam control)	
	Dust Cap	
	With	Without
Alike YK333 Round Cylinder	1101-1P01-C	1101-1P01-NC
Double Bit 4mm	1101-1P02-C	1101-1P02-NC
Square 7mm	1101-1P03-C	1101-1P03-NC
Triangular 8mm	1101-1P04-C	1101-1P04-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Alike YK333 Profile
Round Cylinder



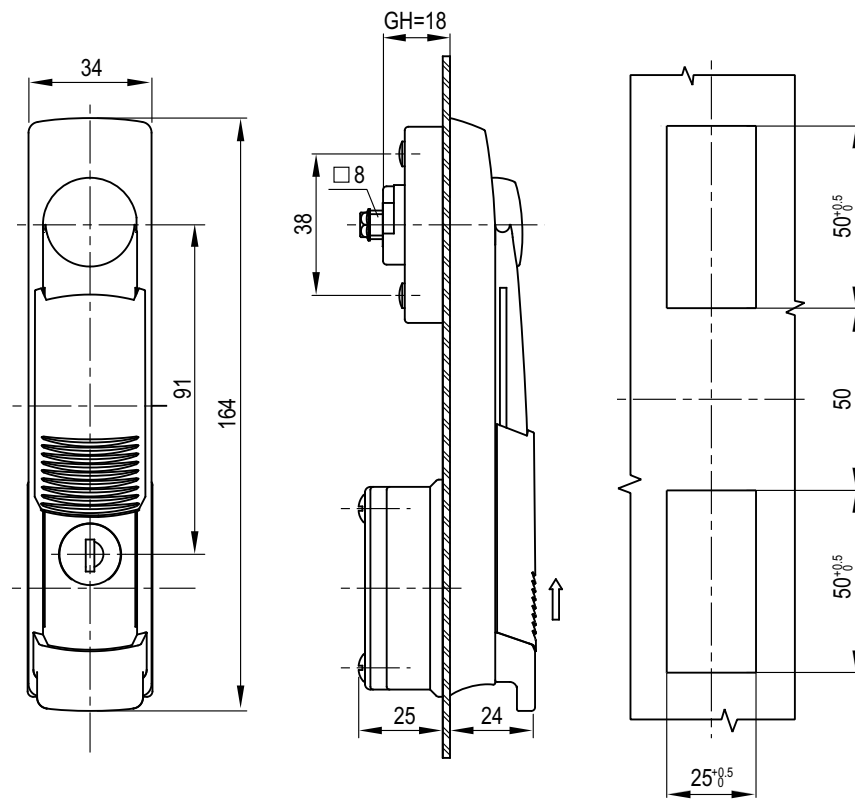
Double Bit 4mm Triangular 8mm Square 7mm
PA lock body, zinc die rod control, brass shaft m.s. zinc plated rod.

Cylinder style	Version B(2P.rod control)		Version C(3P.rod control)	
	Dust Cap		Dust Cap	
	With	Without	With	Without
Alike YK333 Round Cylinder	1101-2P01-C	1101-2P01-NC	1101-3P01-C	1101-3P01-NC
Double Bit 4mm	1101-2P02-C	1101-2P02-NC	1101-3P02-C	1101-3P02-NC
Square 7mm	1101-2P03-C	1101-2P03-NC	1101-3P03-C	1101-3P03-NC
Triangular 8mm	1101-2P04-C	1101-2P04-NC	1101-3P04-C	1101-3P04-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1190 series

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

RL  IP65



Alike YK333 Round Cylinder

Panel Cutout

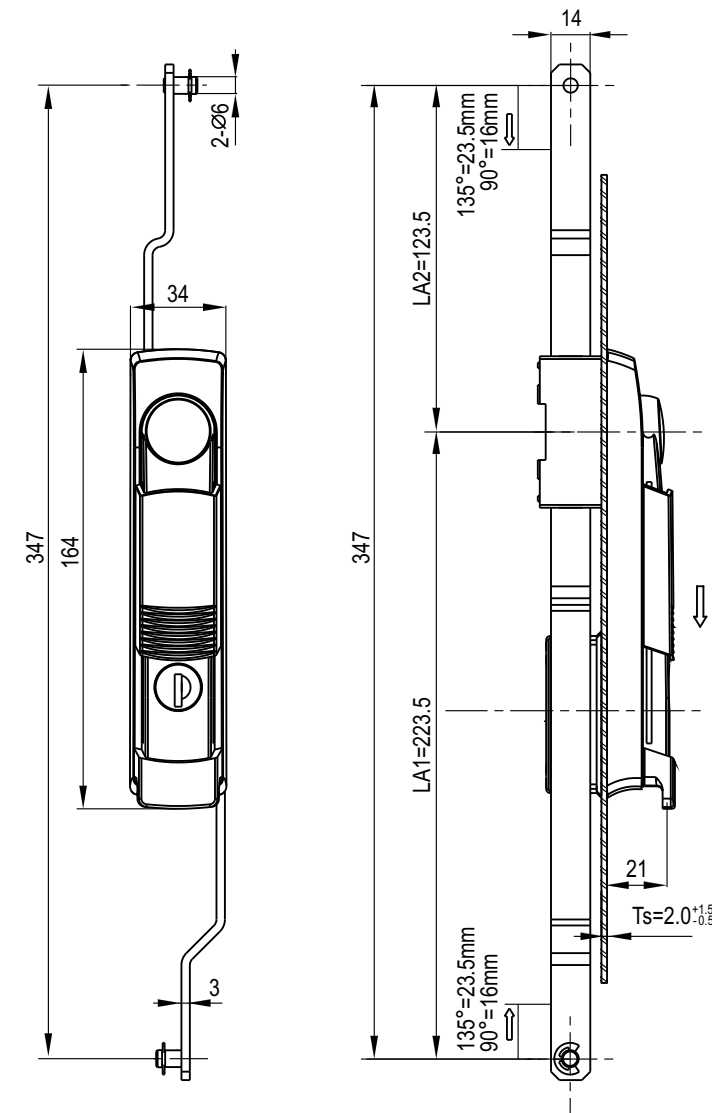
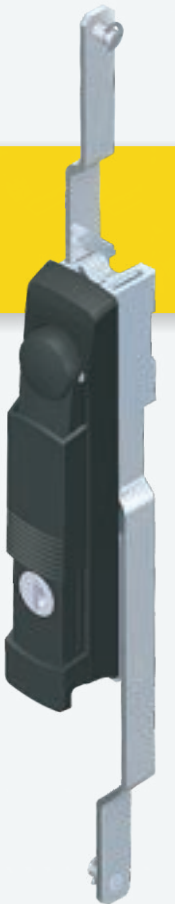
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

PA lock body, zinc die shaft, m.s zinc plated fixing parts

Cylinder style	Version A(Cam control)
	Dust Cap
Alike YK333 Round Cylinder	1102-1001-C

RL  IP65



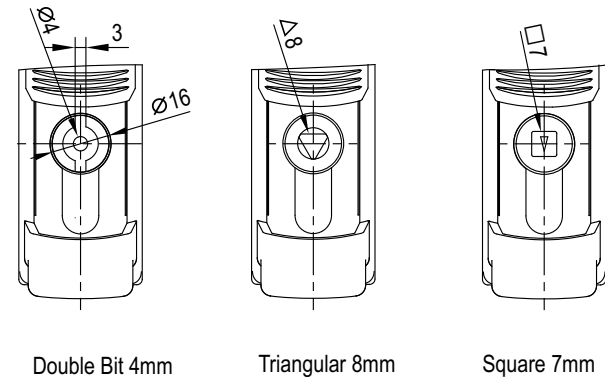
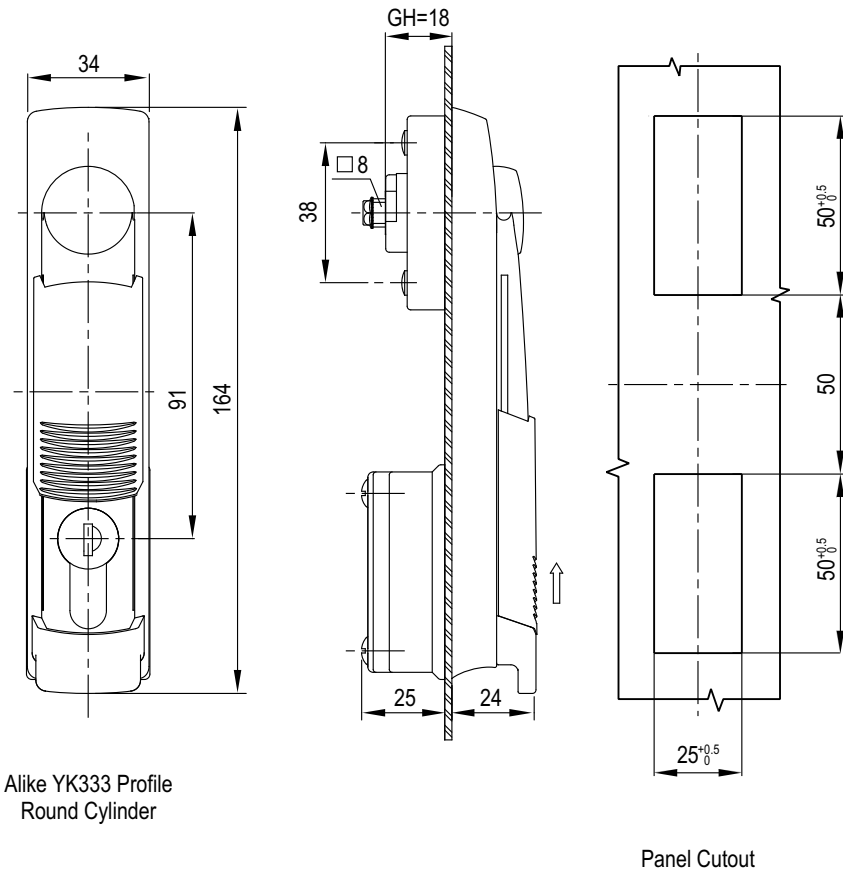
PA lock body, zinc die rod control and shaft, m.s. zinc plated rod.

Cylinder style	Version B(2P.rod control)	Version C(3P.rod control)
	Dust Cap	Dust Cap
Alike YK333 Round Cylinder	1102-2001-C	1102-3001-C

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark
1. Key different on request.
2. CH751 key code on request

RL  **IP65**



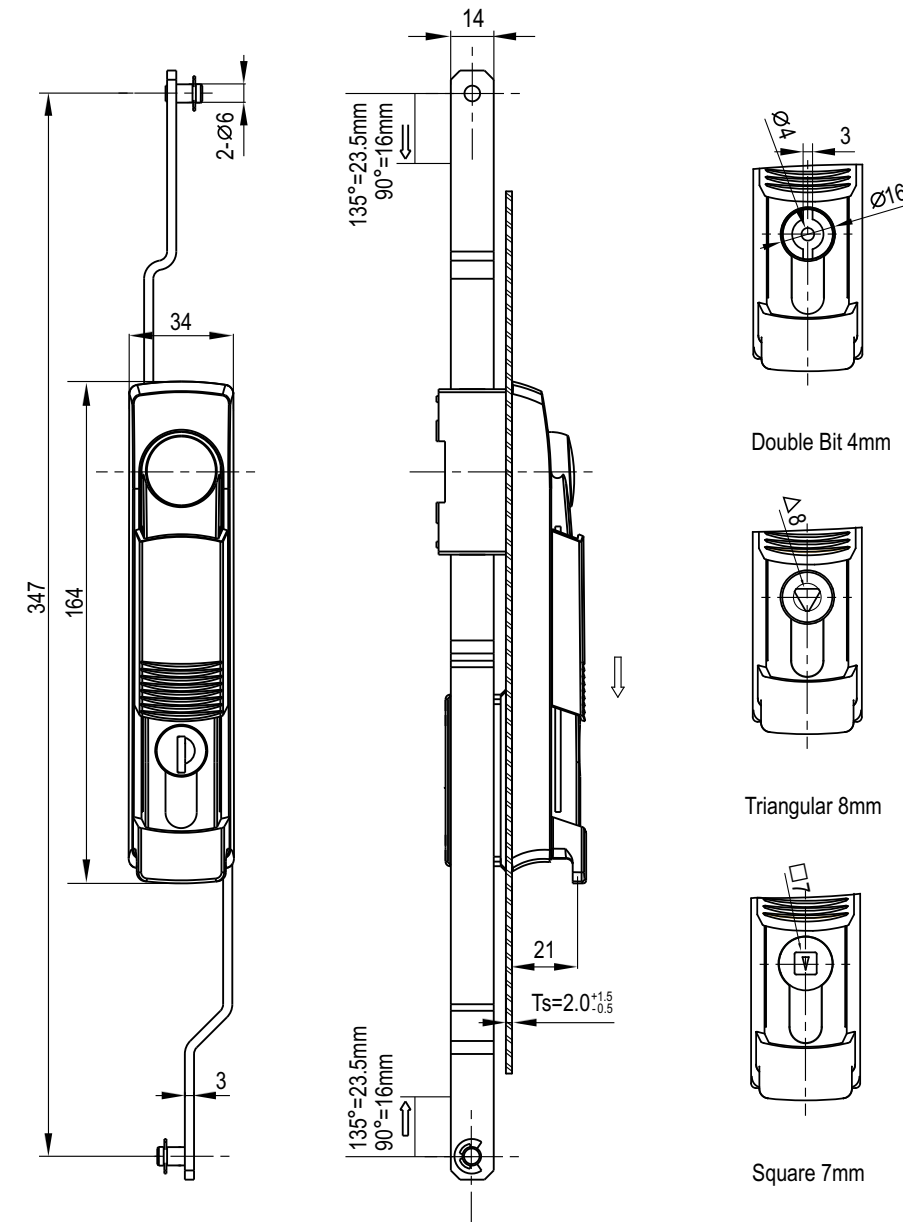
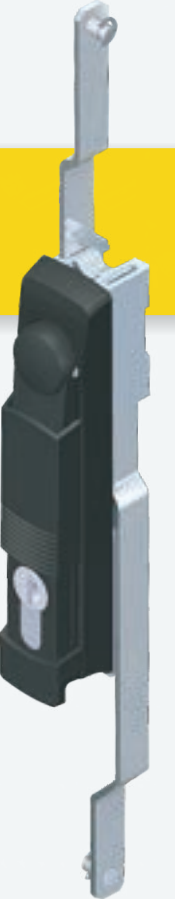
PA lock body, zinc die shaft, m.s zinc plated fixing parts

Cylinder style	Version A(Cam control)
	Dust Cap
Alike YK333 Profile Round Cylinder	1102-1P01-C
Double Bit 4mm	1102-1P02-C
Square 7mm	1102-1P03-C
Triangular 8mm	1102-1P04-C

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

RL  **IP65**



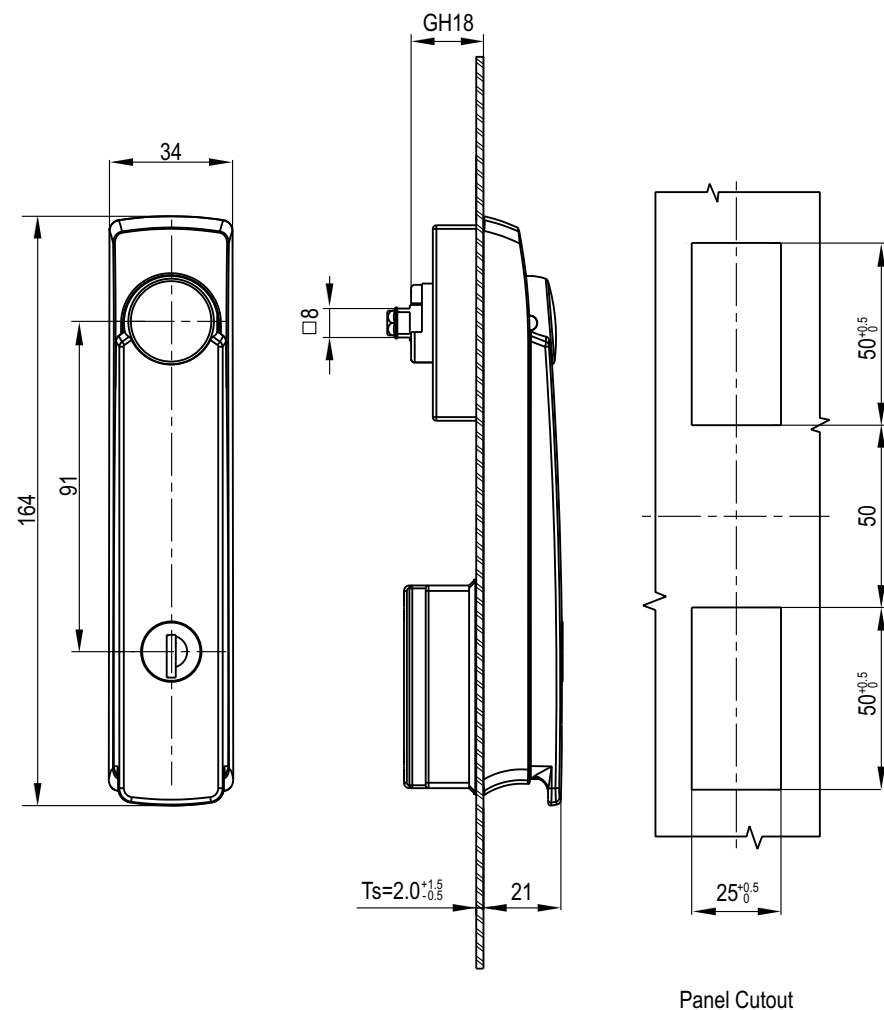
PA lock body, zinc die rod control and shaft, m.s. zinc plated rod.

Cylinder style	Version B(2P.rod control)	Version C(3P.rod control)
	Dust Cap	Dust Cap
Alike YK333 Profile Round Cylinder	1102-2P01-C	1102-3P01-C
Double Bit 4mm	1102-2P02-C	1102-3P02-C
Square 7mm	1102-2P03-C	1102-3P03-C
Triangular 8mm	1102-2P04-C	1102-3P04-C

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark
1. Key different on request.
2. CH751 key code on request

RL  **IP65**



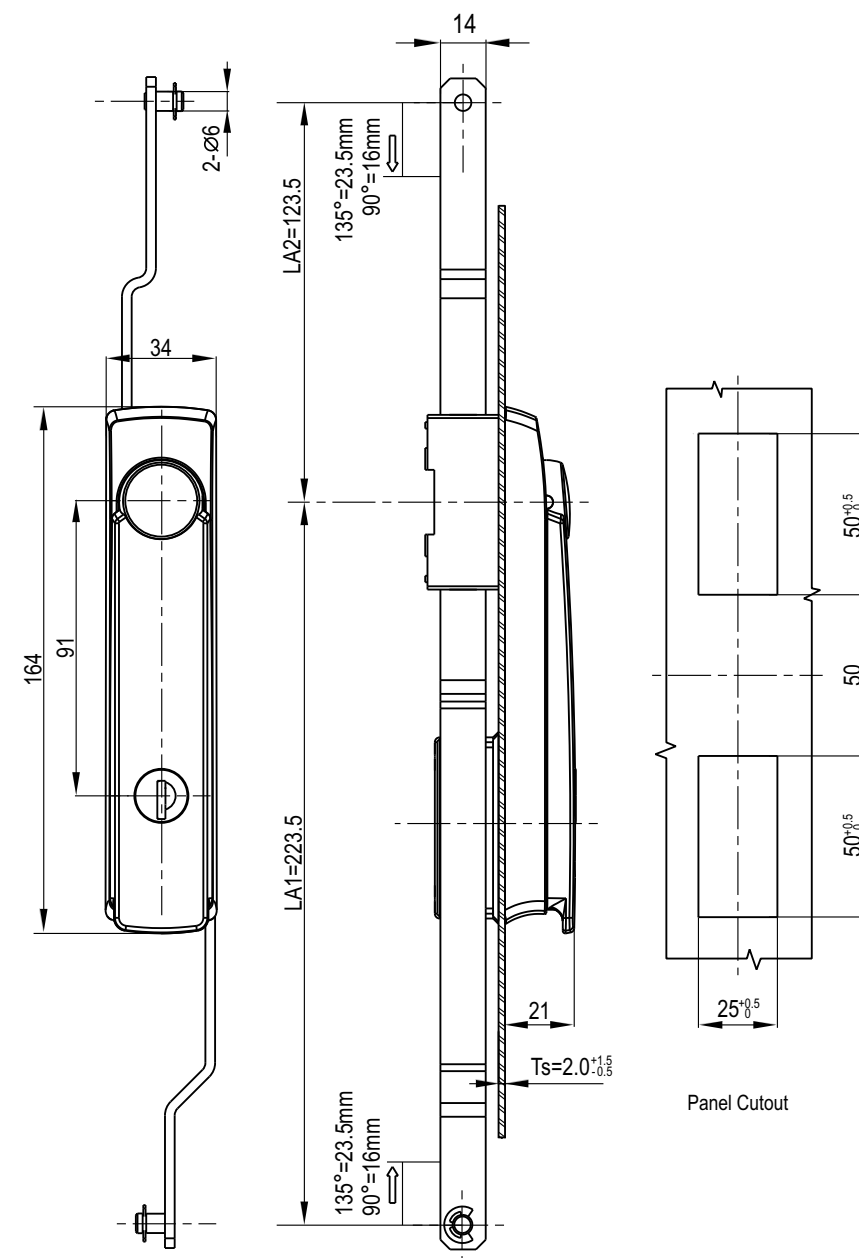
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

Black PA body, zinc die handle black powder coated.

	Version A(Cam control)
Zinc die handle,PA lock housing	1102-1002-NC

RL  **IP65**

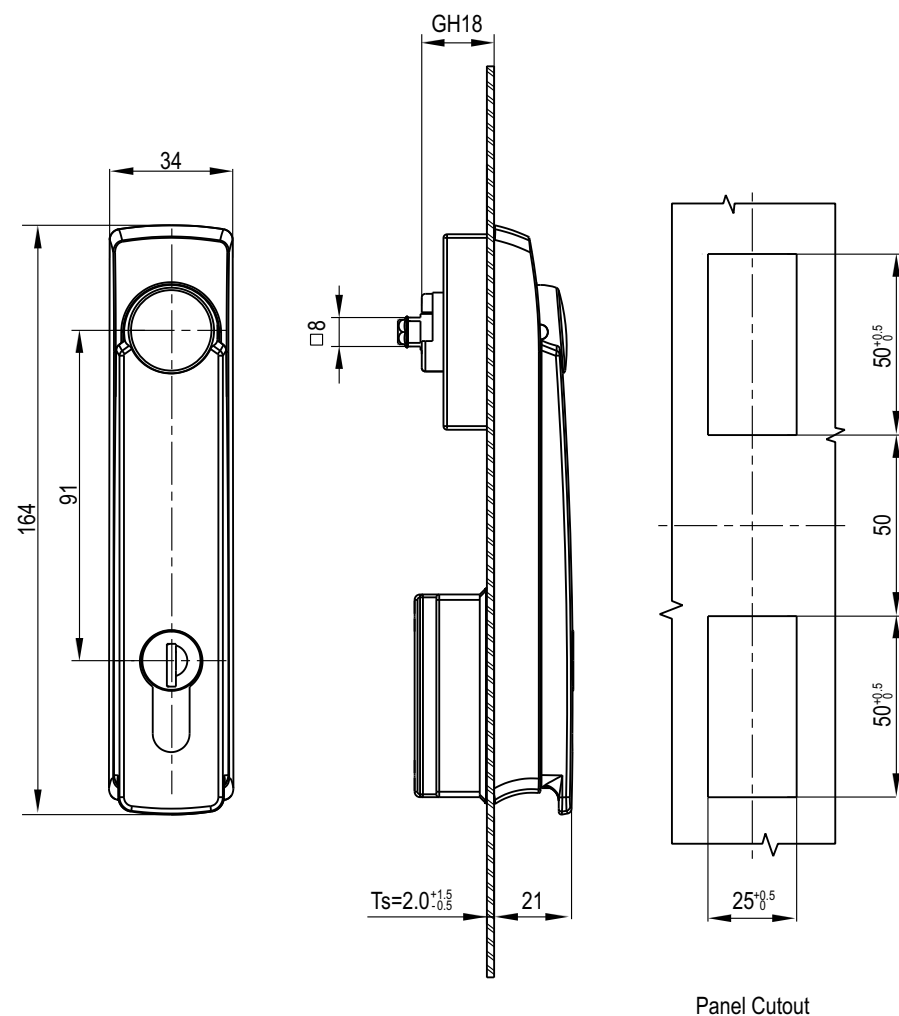


Black PA body, zinc die handle black powder coated,
zinc die shaft and rod control, m.s. zinc plated rod

	Version B(2P.rod control)	Version C(3P.rod control)
Zinc die handle,PA lock housing	1102-2002-NC	1102-3002-NC

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark
1. Key different on request.
2. CH751 key code on request
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Black PA body, zinc die handle and shaft black powder coated

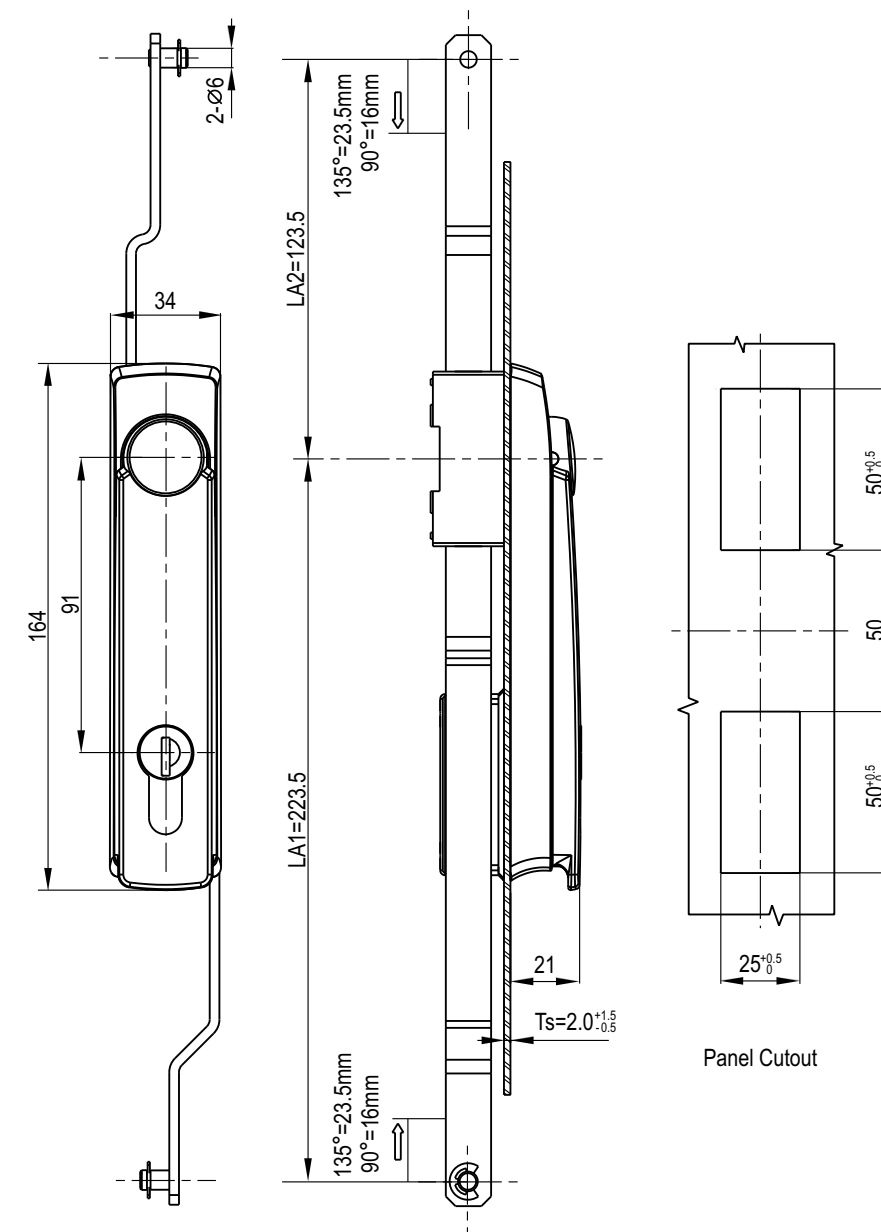
Cylinder style	Version ACam control)
Alike YK333 Profile Round Cylinder	1102-1P01-NC
Double Bit 4mm	1102-1P02-NC
Square 7mm	1102-1P03-NC
Triangular 8mm	1102-1P04-NC

Accessories ref. to page

1. CAM ref. to page 9A-001

Remark

1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Black PA body, zinc die handle black powder coated,
zinc die shaft and rod control, m.s. zinc plated rod

Cylinder style	Version B(2P.rod control)	Version C(3P.rod control)
Alike YK333 Profile Round Cylinder	1102-2P01-NC	1102-3P01-NC
Double Bit 4mm	1102-2P02-NC	1102-3P02-NC
Square 7mm	1102-2P03-NC	1102-3P03-NC
Triangular 8mm	1102-2P04-NC	1102-3P04-NC

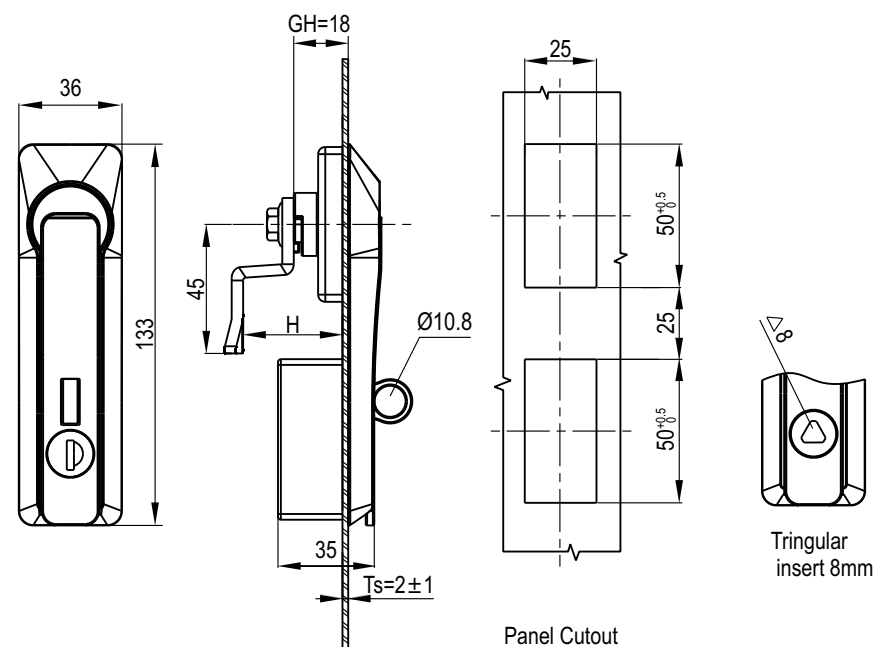
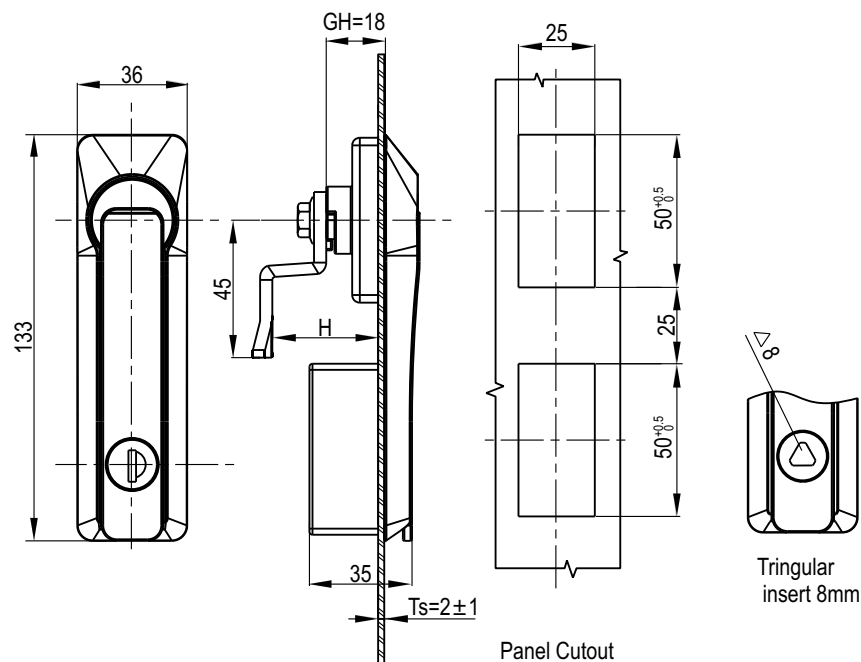
Accessories ref. to page

1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark

1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

RL IP65 



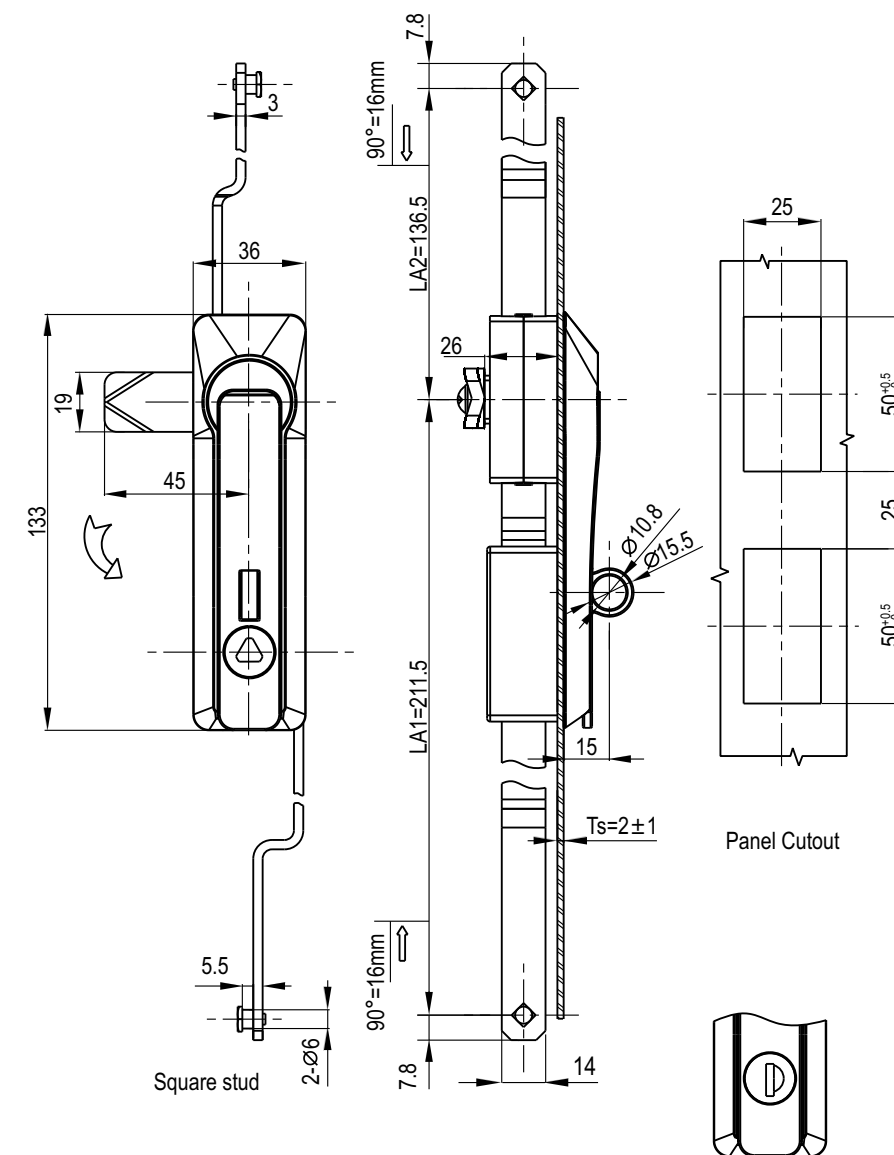
Zinc die body, black powder coated or black E-coated.

Cylinder style		Version A(Cam control)	
		Black E-Coated	Black powder coated
YK333 cylinder	Padlockable	1103-1001-50-P	1103-1001-10-P
	Without padlock	1103-1001-50-NP	1103-1001-10-NP
Triangle insert	Padlockable	1103-1003-50-P	1103-1003-10-P
	Without padlock	1103-1003-50-NP	1103-1003-10-NP

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
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3. Padlockable on request

RL IP65 

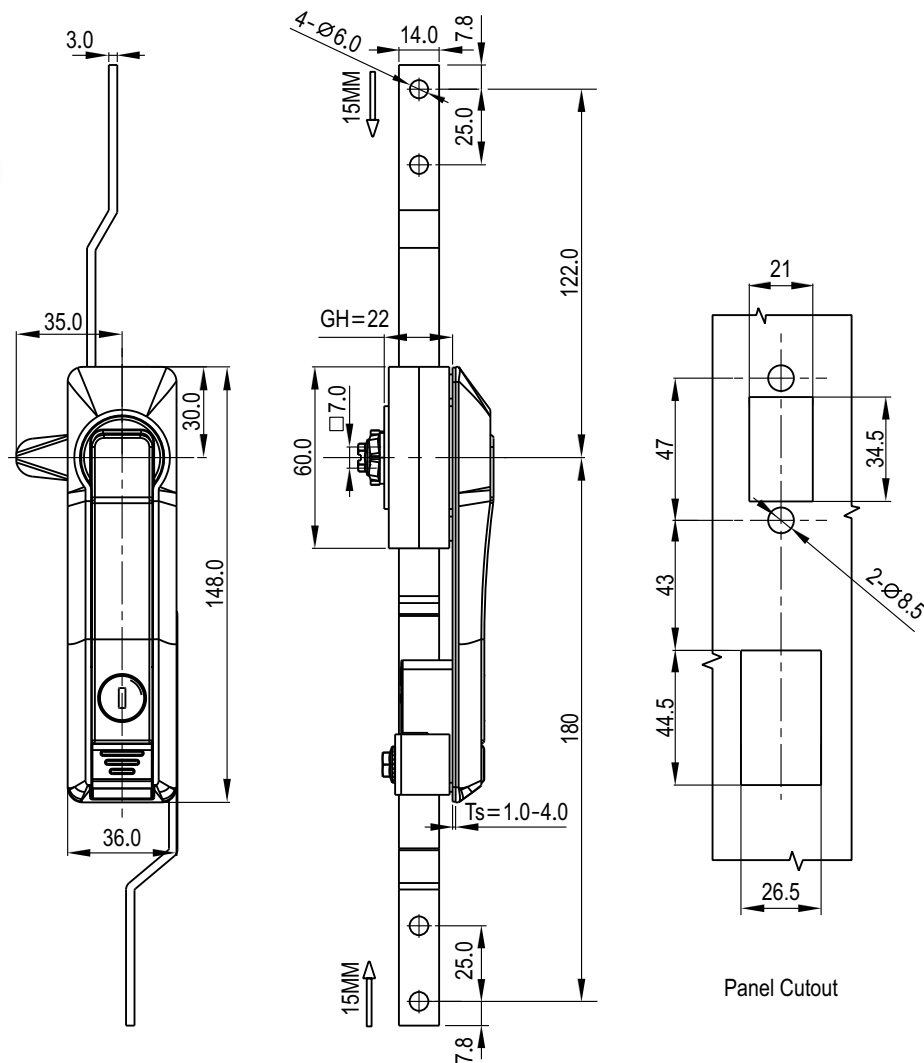


Zinc die body and rod control, m.s. zinc plated cam, black powder coated or E-coated

Cylinder style		Version B(2P.rod control)		Version C(3P.rod control)	
		Black E-Coated	Black powder coated	Black E-Coated	Black powder coated
YK333 cylinder	Padlockable	1103-2001-50-P	1103-2001-10-P	1103-3001-50-P	1103-3001-10-P
	Without padlock	1103-2001-50-NP	1103-2001-10-NP	1103-3001-50-NP	1103-3001-10-NP
Triangle insert	Padlockable	1103-2003-50-P	1103-2003-10-P	1103-3003-50-P	1103-3003-10-P
	Without padlock	1103-2003-50-NP	1103-2003-10-NP	1103-3003-50-NP	1103-3003-10-NP

Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1191 series

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Panel Cutout

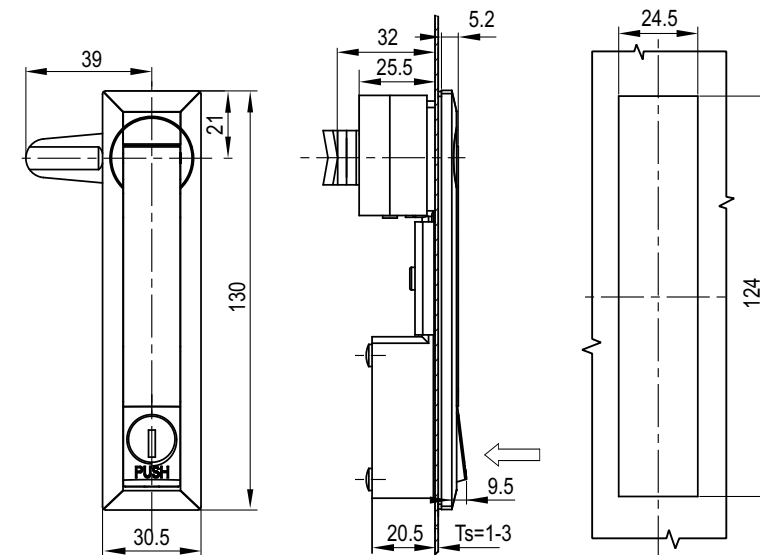
Zinc die body, black powder coated or satin chrome plated

Version A(Cam control)		Version B(2P.rod control)		Version C(3P.rod control)	
NM spray painting (matte silver)	Black powder coated	NM spray painting (matte silver)	Black powder coated	NM spray painting (matte silver)	Black powder coated
1104-1001-52R	1104-1001-10R	1104-2001-52R	1104-2001-10R	1104-3001-52R	1104-3001-10R

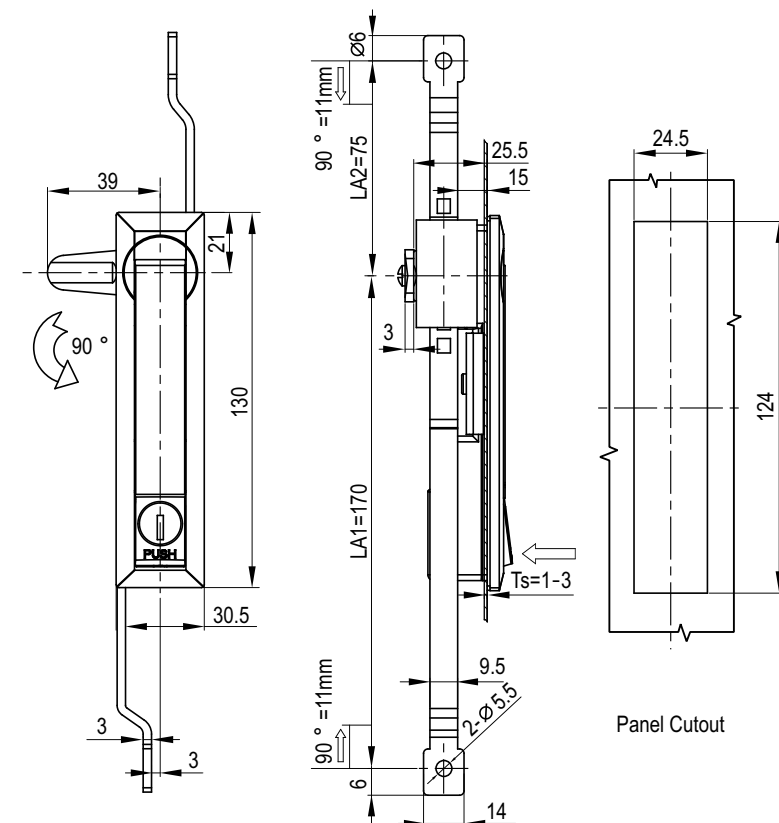
Remark
1. Default: Right Hand



Under development,
shall be available on
June, 2018.



Panel Cutout

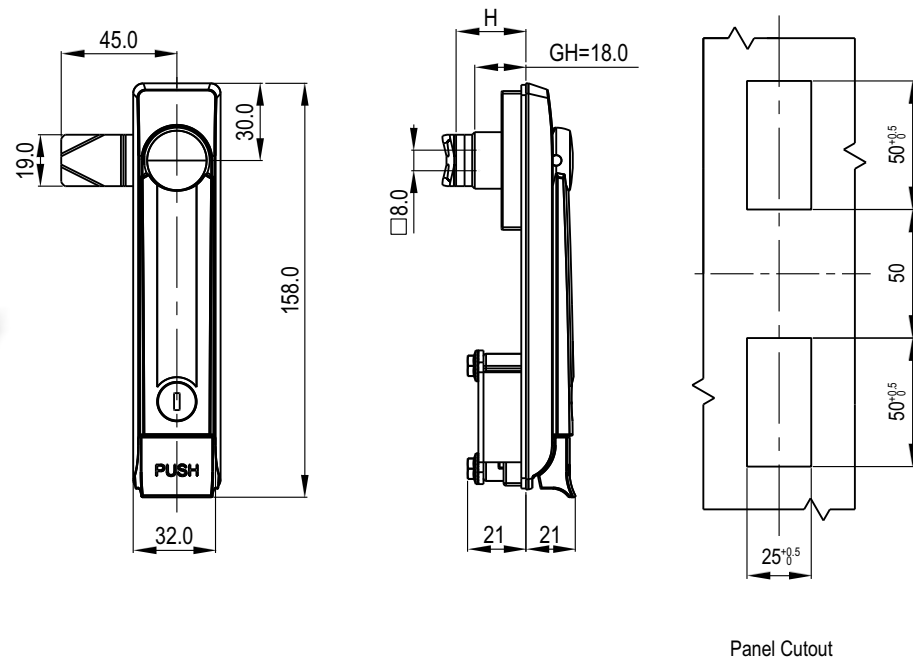


Panel Cutout

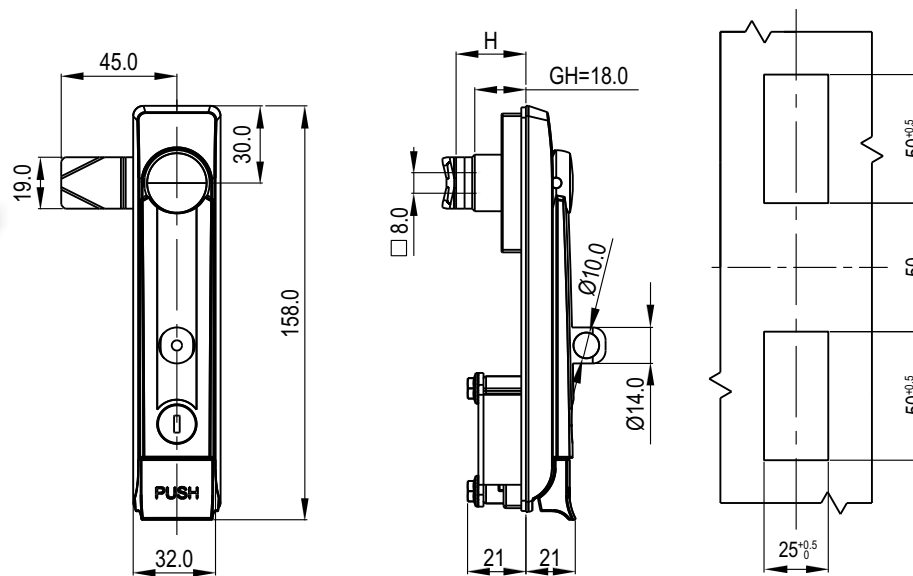
Zinc die body, black powder coated or satin chrome

Version A(Cam control)		Version C(3P.rod control)	
Satin chrome	Black powder coated	Satin chrome	Black powder coated
1105-1001-40	1105-1001-10	1105-3001-40	1105-3001-10

RL IP65 



Panel Cutout



Panel Cutout

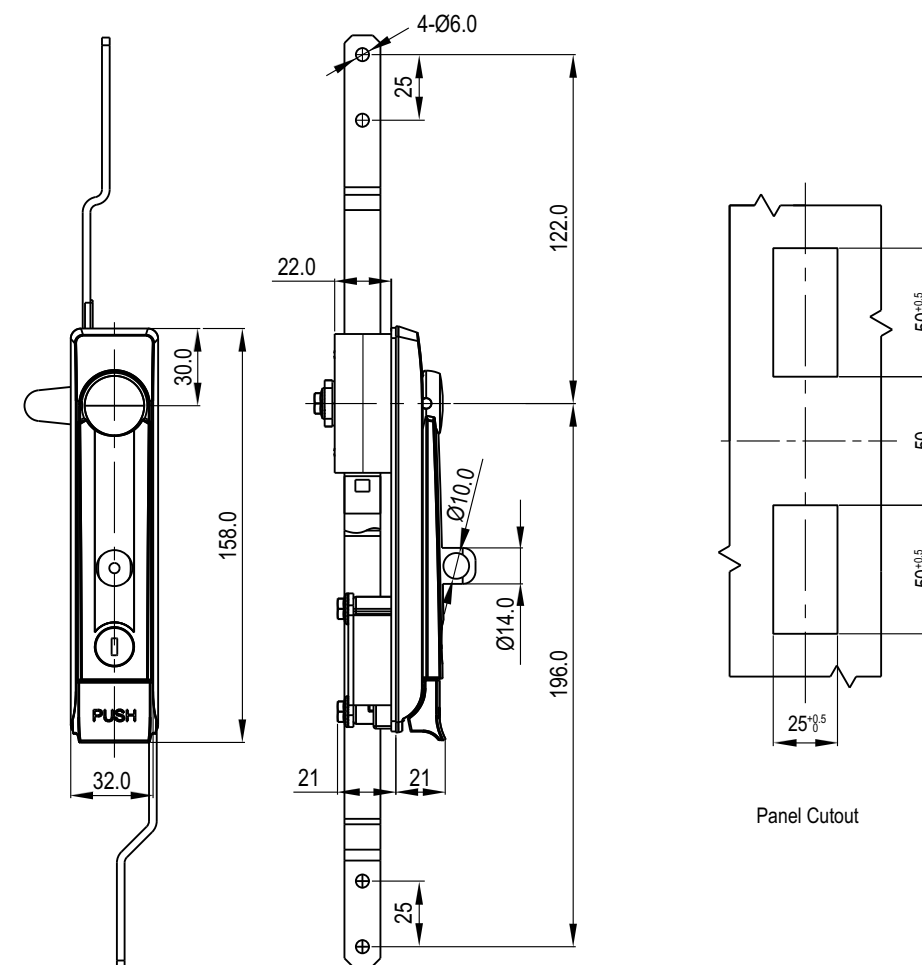
Zinc die handle, housing and button ; m.s. zinc plated cam and control rod.
powder coated or chrome plating

	Version A(Cam control)
	Black Textured powder coated
Padlockable	1106-1001-20-P
Without padlock	1106-1001-20

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request

RL IP65 



Panel Cutout

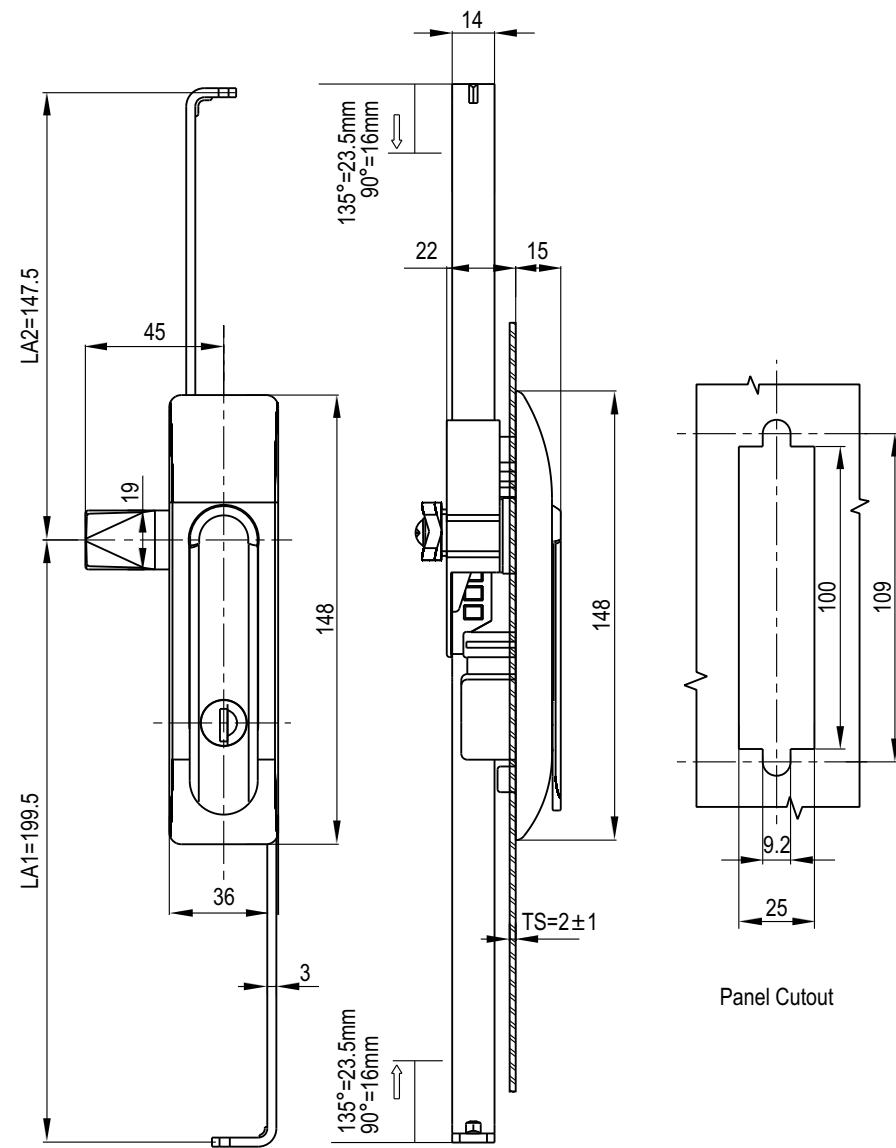
Zinc die handle, housing and button ; m.s. zinc plated cam and control rod. powder coated or
chrome plating

	Version C(3P.rod control)
	Black Textured powder coated
Padlockable	1106-3001-20-P
Without padlock	1106-3001-20

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request

RL  IP65



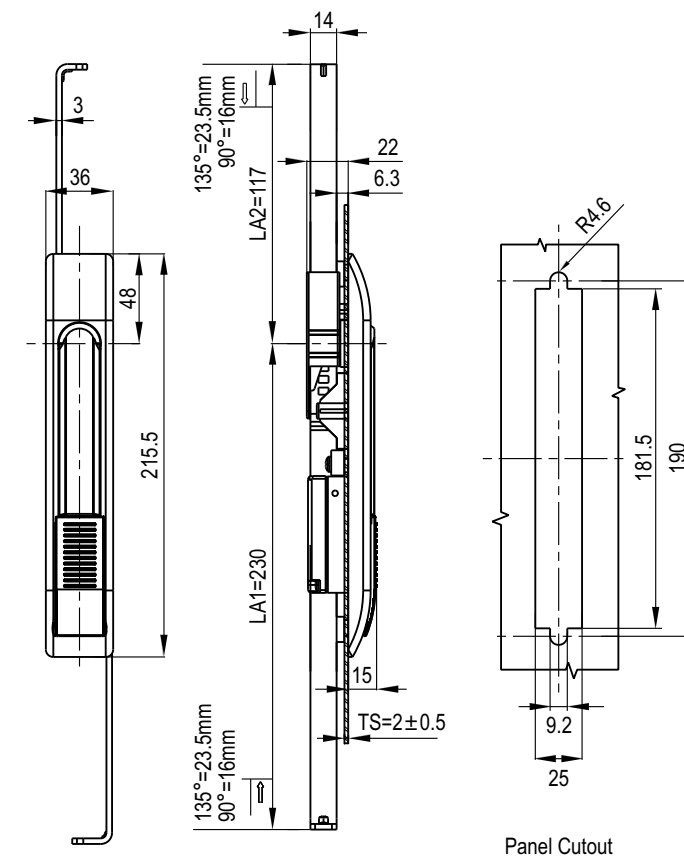
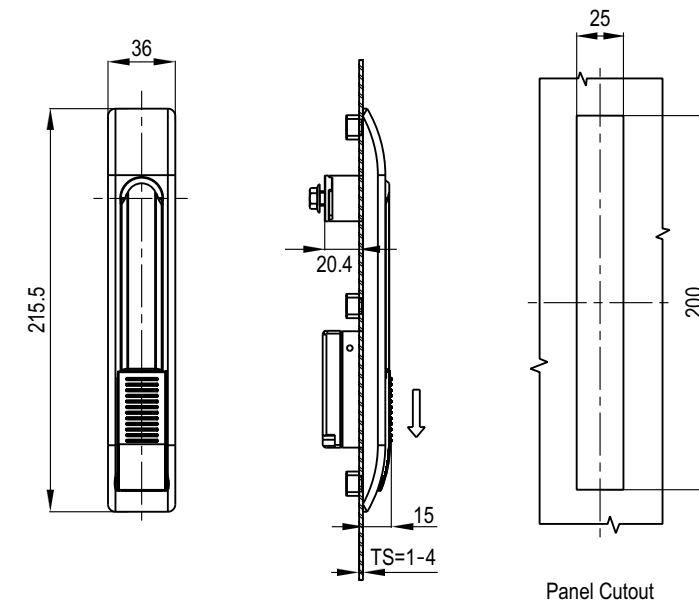
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

Black PA or zinc die housing ; zinc die handle black powder coated ; m.s. zinc plated control rod

	Zinc Die		Zin die handle,PA lock housing	
Cylinder style	Version B(2P.rod control)	Version C(3P.rod control)	Version B(2P.rod control)	Version C(3P.rod control)
Alike YK333 Round Cylinder	1107-2P01-20	1107-3P01-20	1107-2001-20	1107-3001-20

RL 



Black PA housing ; zinc die handle black powder coated ; m.s. zinc plated control rod

Version A(Cam control)	Version C(3P.rod control)
Black textured powder coated	Black Textured powder coated
1108-1001-20	1108-3001-20

Accessories ref. to page #
1. CAM ref. to page 9A-001

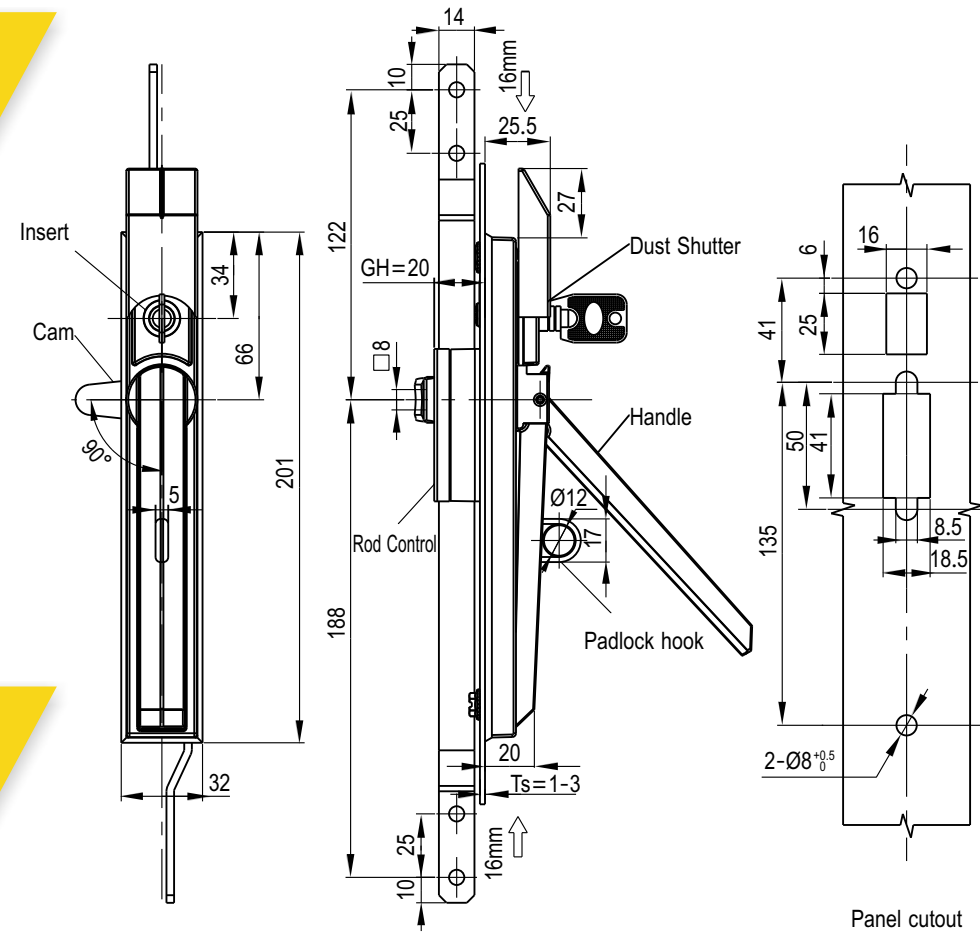
Remark
1. Key different on request.
2. CH751 key code on request



Under development,
shall be available on
June, 2018.

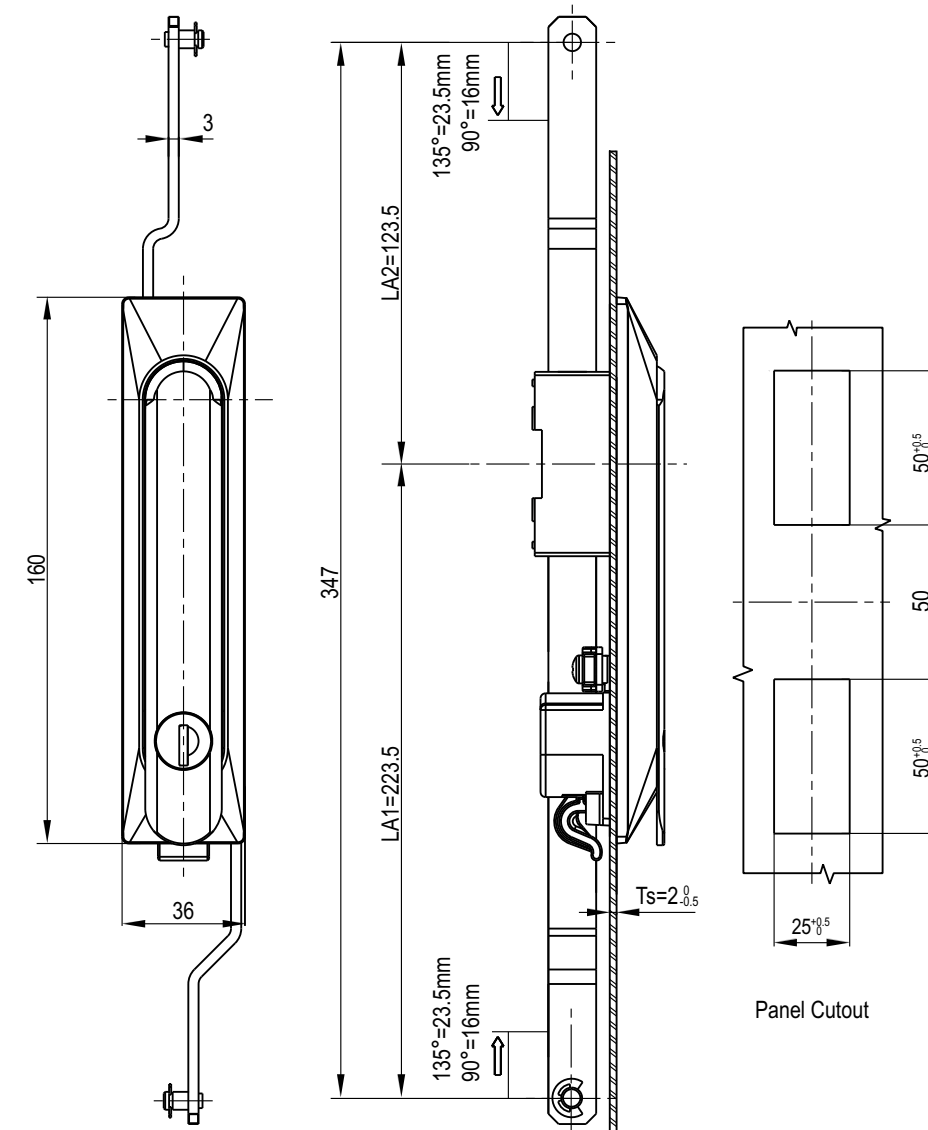


Under development,
shall be available on
June, 2018.



Zinc housing handle,SUS316 pedlock device,black powder coated.

Version C(3P.rod control)	M.S.plated Cam	Zinc Cam
Black Powder Coated	1110-3001-10	1110-3001-10-S
RAL7032 Powder Coated RAL7032	1110-3001-32	1110-3001-32-S



Black PA body, zinc die handle powder coated,
zinc die shaft and rod control, m.s. zinc plated rod

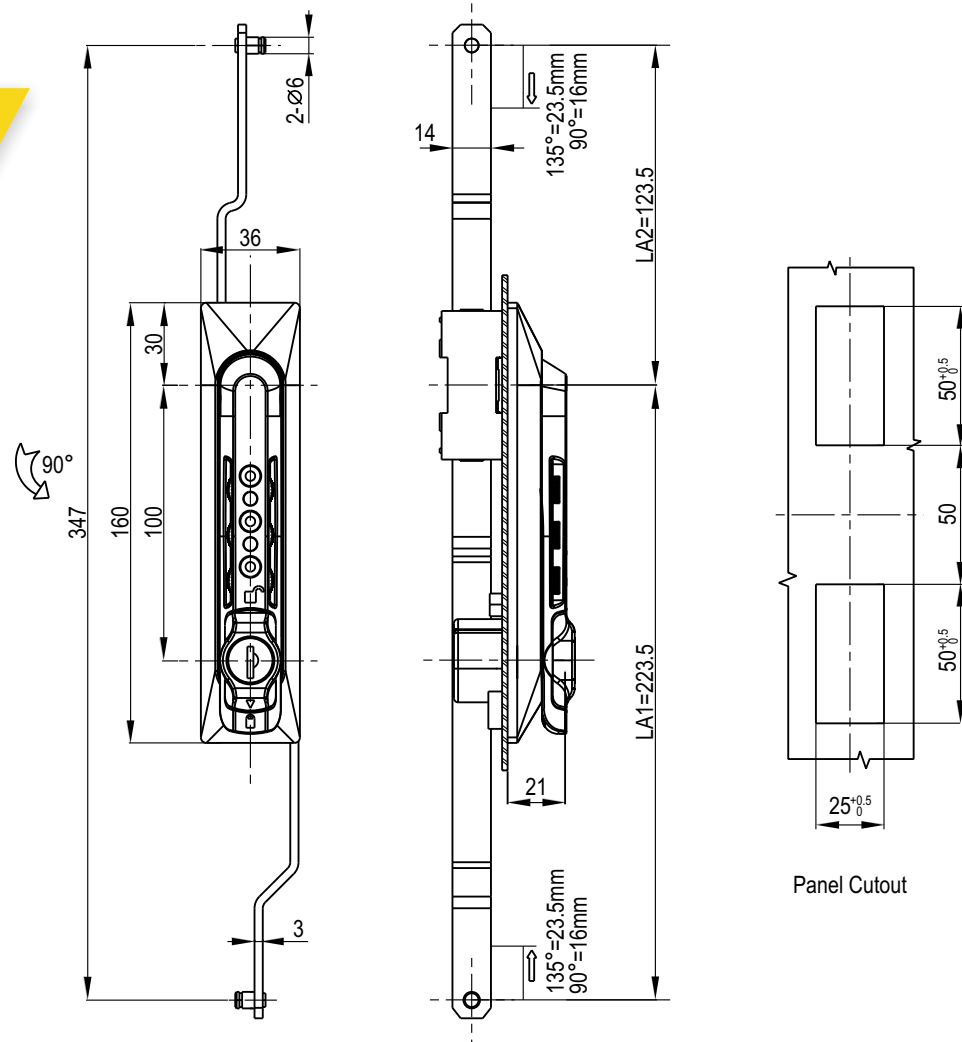
Version B (2P.rod cotrol)	Version C(3P.rod control)
1113-2001-01	1113-3001-01

Accessories ref. to page #
 1. CAM ref. to page 9A-001
 2. Rod control 1193 series

Remark

1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

RL  **IP65**



Accessories ref. to page #

1. CAM ref. to page 9A-001
2. Rod control 1193 series

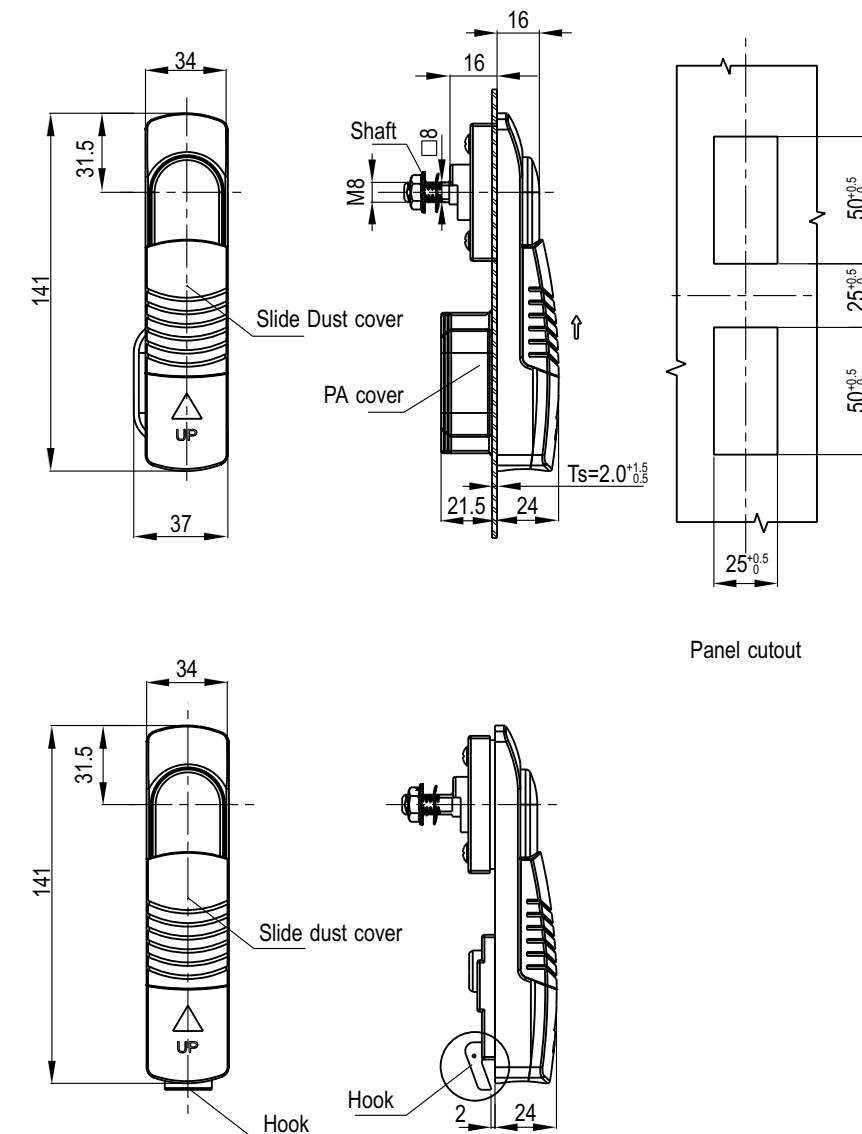
Remark

1. Key different on request.
2. CH751 key code on request

Black PA body, zinc die shaft and rod control zinc plated,
m.s. zinc plated rod

Version B (2P.rod cotrol)	Version C(3P.rod control)
1114-2001-01	1114-3001-01

RL  **IP65**



Black PA 30% GF

Mounting style	
Mounting by cap	1116-1001-C
Mounting by hook	1116-1011-C

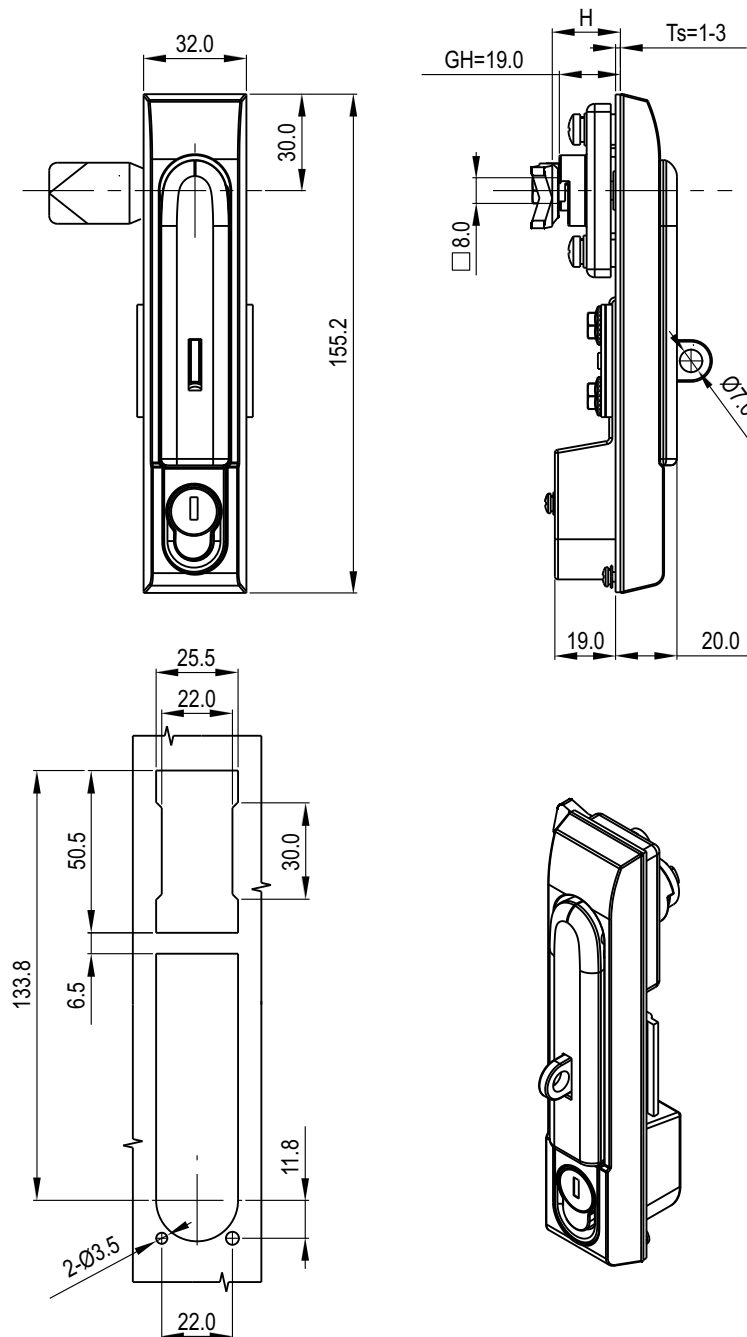
Accessories ref. to page #

1. CAM ref. to page 9A-001

Remark

1. Key different on request.
2. CH751 key code on request





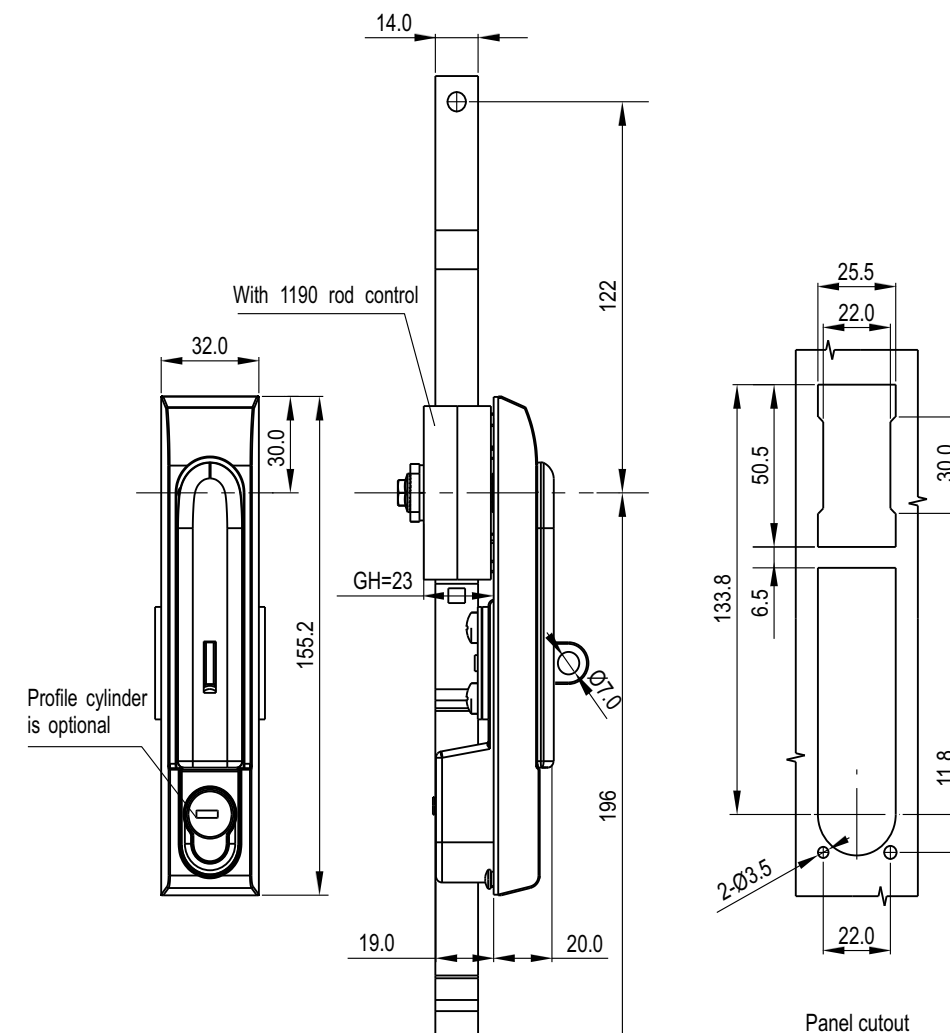
Panel cutout

Zinc die body, black powder coated or plating

	Version A (Cam control)
	Black Powder Coated
Without padlock	1117-1001-10
Padlockable	1117-1001-10-P

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request



Panel cutout

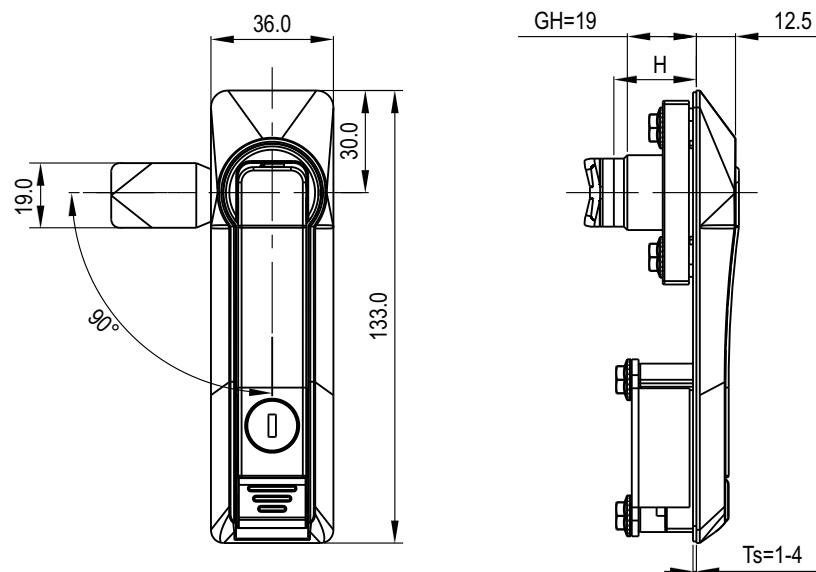
Zinc die body, black powder coated or plating

	Version B (2P.rod control)	Version C (3P.rod control)
	Black Powder Coated	Black Powder Coated
Without padlock	1117-2001-10	1117-3001-10
Padlockable	1117-2001-10-P	1117-3001-10-P

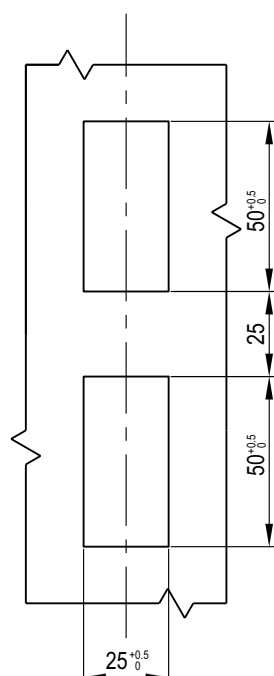
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request

RL  **IP65**



With Trigger



Panel Cutout

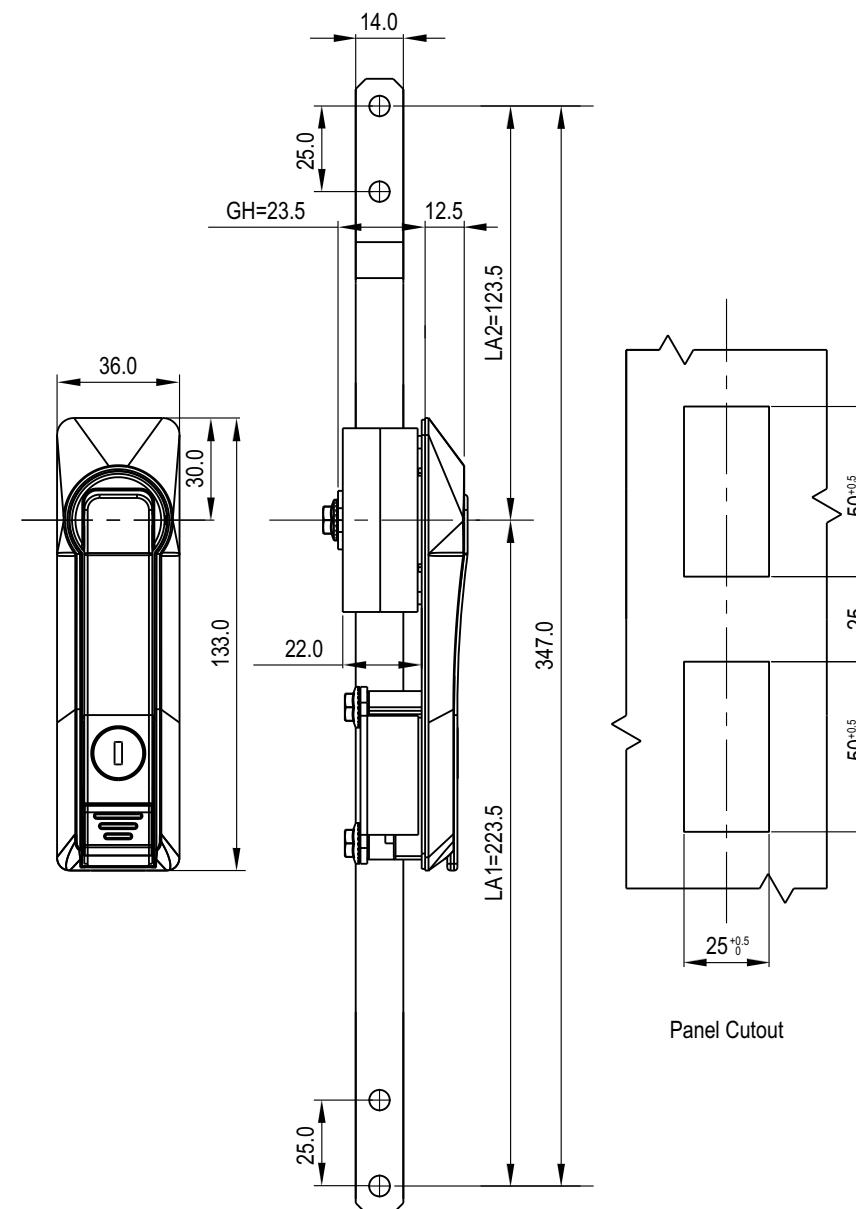
Zinc die body, black powder coated or plating

Version A (Cam control)	
Black Powder Coated	1118-1001-10

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request

RL  **IP65**



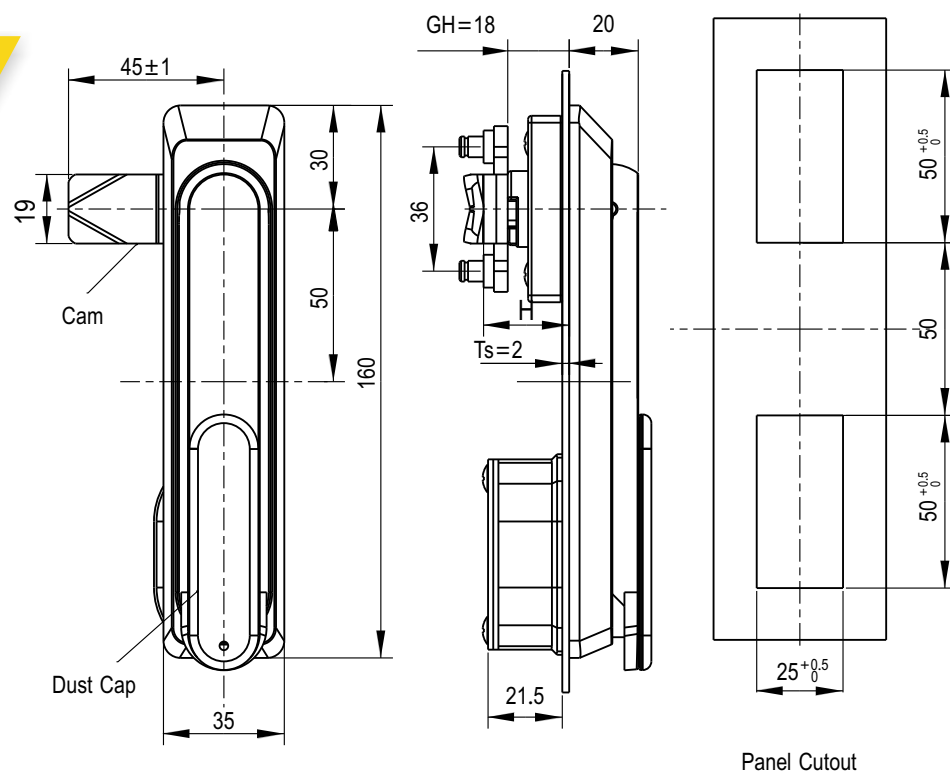
Panel Cutout

Zinc die body and rod control, m.s. zinc plated cam, Black powder coated or black E-coated

Version B (2P.rod control)	Version C (3P.rod control)
Black Powder Coated	Black Powder Coated
1118-2001-10	1118-3001-10

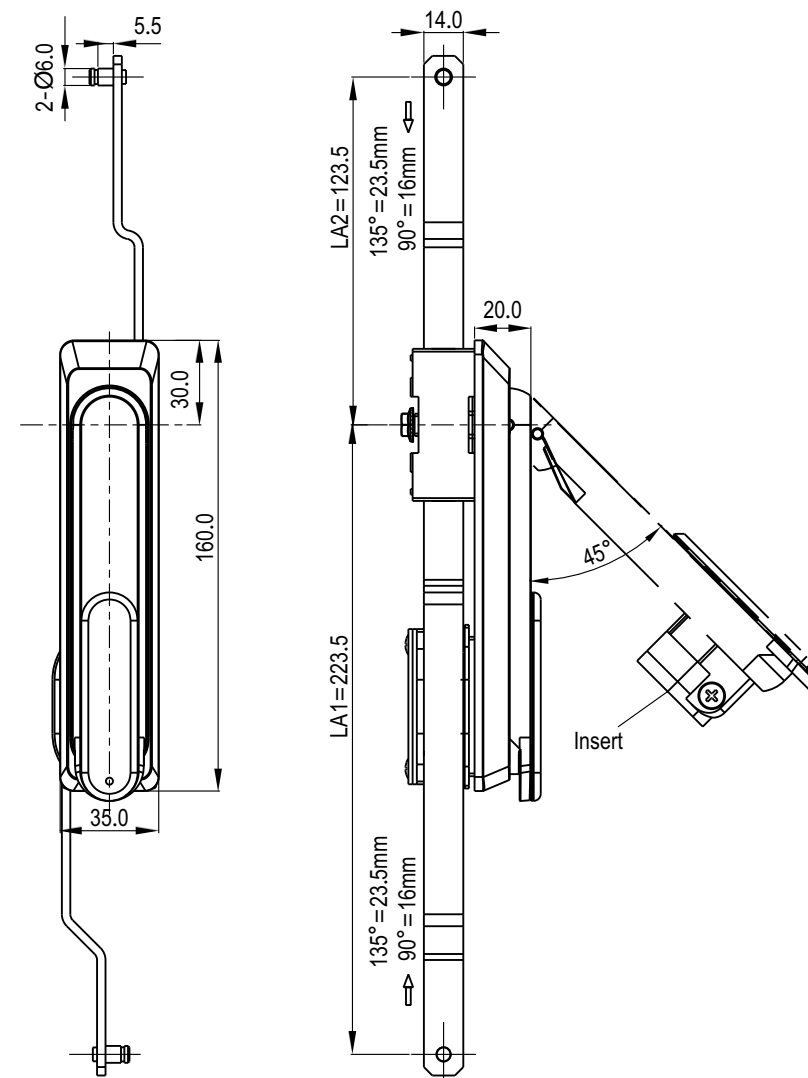
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Padlockable on request



Swinghandle SUS 316 with 40 mm profile half cylinder, shaft and padlock device SUS 303; cap polyamide black, with seal

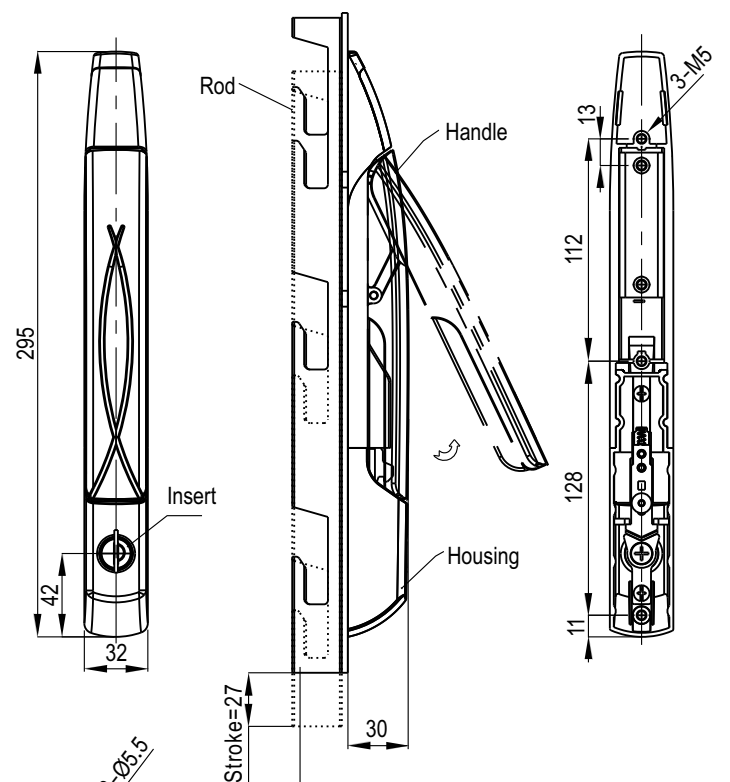
Cylinder style	Version A(Cam control)	
	Dust Cap	
	With	Without
Hs8 Profile Cylinder	1120-1P01-C	1120-1P01-NC
Alike YK333 Round Cylinder	1120-1P02-C	1120-1P02-NC
Double Bit 4mm	1120-1P03-C	1120-1P03-NC
Square 7mm	1120-1P04-C	1120-1P04-NC



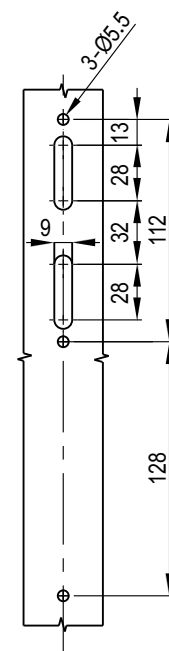
Stainless steel lock body and rods

Cylinder style	Version B(2P.rod control)		Version C(3P.rod control)	
	Dust Cap		Dust Cap	
	With	Without	With	Without
Hs8 Profile Cylinder	1120-2P01-C	1120-2P01-NC	1120-3P01-C	1120-3P01-NC
Alike YK333 Round Cylinder	1120-2P02-C	1120-2P02-NC	1120-3P02-C	1120-3P02-NC
Double Bit 4mm	1120-2P03-C	1120-2P03-NC	1120-3P03-C	1120-3P03-NC
Square 7mm	1120-2P04-C	1120-2P04-NC	1120-3P04-C	1120-3P04-NC

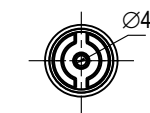
RL



Rod system needs to be ordered separately.



Panel Cutout

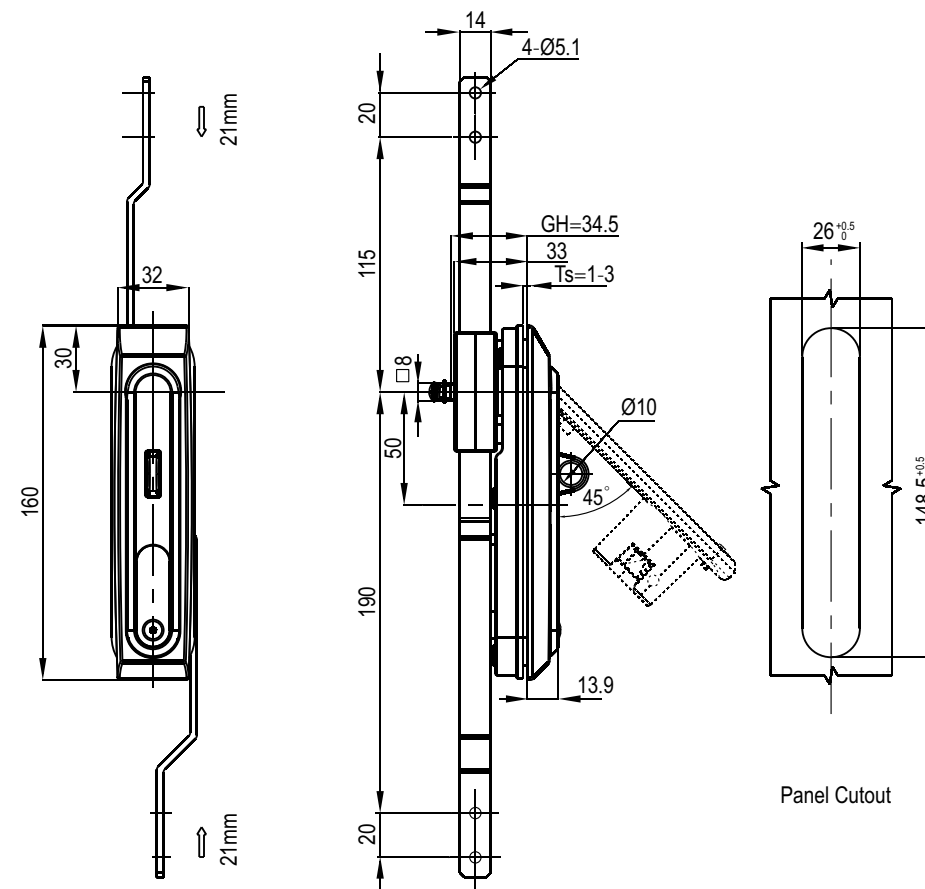


Double Bit 4mm

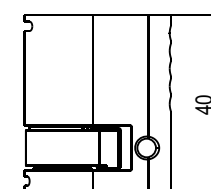
Zinc die, SUS mounting bracket, push plate, baffle plate and pin, black powder coated or yellowish grey powder coated (RAL7032)

Cylinder style	Black Textured Powder Coated	RAL7032 Powder Coated
Alike YK333 Round Cylinder	1122-2001-20	1122-2001-32
Double Bit 4mm	1122-2014-20	1122-2014-32

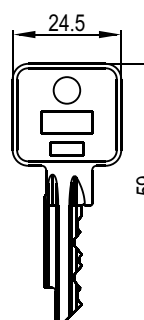
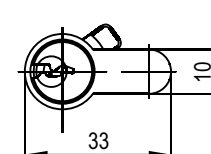
RL IP65



Panel Cutout



Default profile cylinder



Default key

Zinc die lock body, black finish, stainless steel rod control, padlock device

Version B (2P.rod control)	Version C (3P.rod control)
Without padlock	Padlockable
1124-2P01-55	1124-3P01-55-P

Accessories ref. to page #
1. CAM ref. to page 9A-001

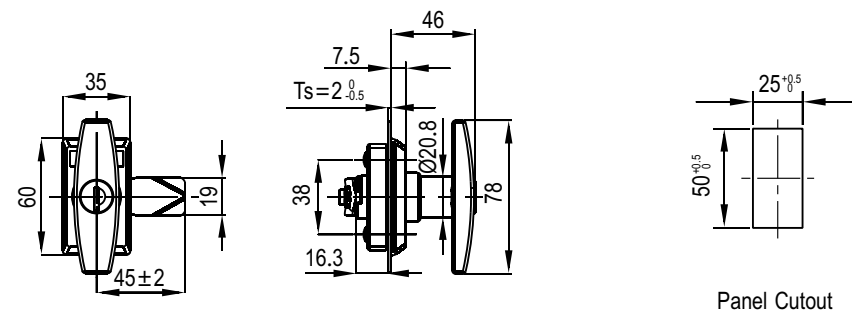
Remark
1. Padlockable on request
2. Interchangeable profile cylinder



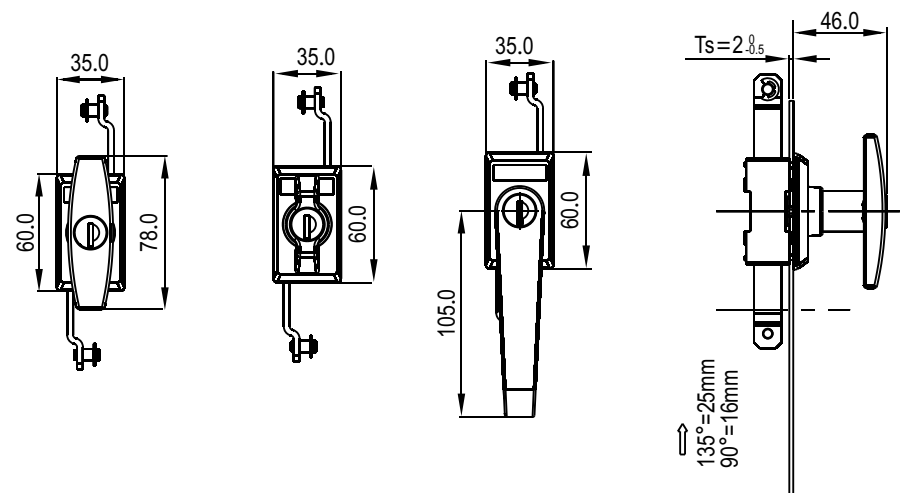
Under development,
shall be available on
June, 2018.



cam control



Rod control



T-handle

Wing Knob Handle

L-handle

Accessories ref. to page #

1. CAM ref. to page 9A-001
2. Rod control 1192 series

Remark

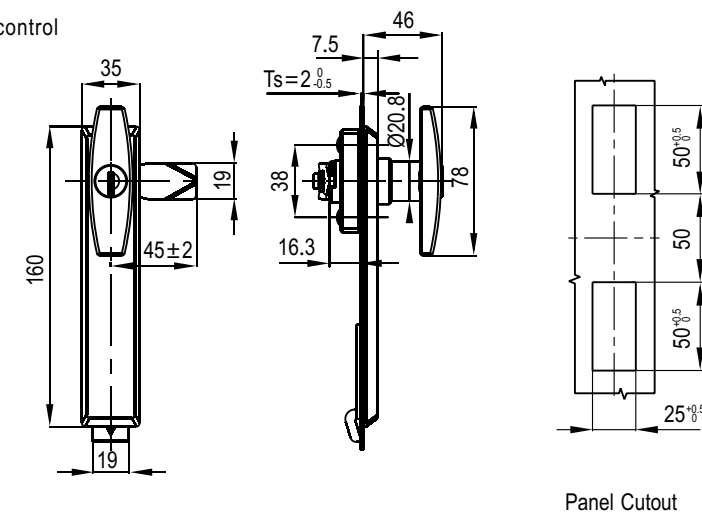
1. Key different on request.
2. CH751 key code on request

Black PA housing, zinc die handle, black powder coated, m.s.zinc plated or sus304

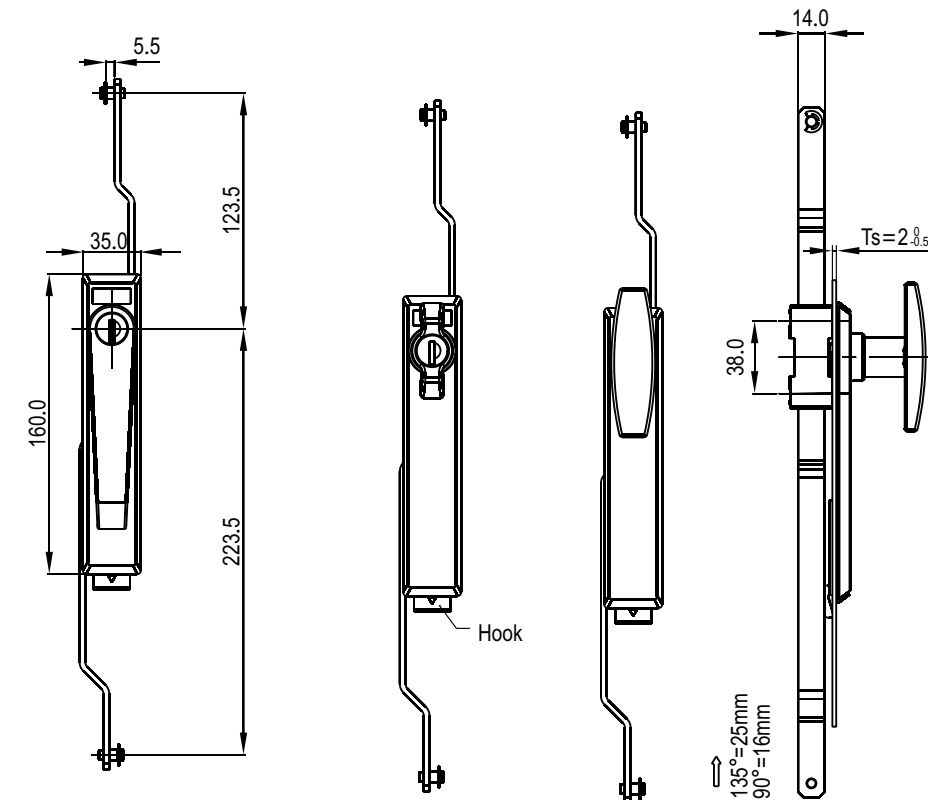
	Version B (Cam control)		Version B (2P.rod control)		Version C (3P.rod control)	
Handle type	Non-Locking	Key Locking	Non-Locking	Key Locking	Non-Locking	Key Locking
T-handle	1123-1000-S190	1123-1001-S190	1123-2000-S190	1123-2001-S190	1123-3000-S190	1123-3001-S190
L-handle	1123-1000-S290	1123-1001-S290	1123-2000-S290	1123-2001-S290	1123-3000-S290	1123-3001-S290
Wing Knob Handle	1123-1000-S390	1123-1001-S390	1123-2000-S390	1123-2001-S390	1123-3000-S390	1123-3001-S390



cam control



Rod control



L-handle

Wing Knob Handle

T-handle

Accessories ref. to page #

1. CAM ref. to page 9A-001
2. Rod control 1193 series

Remark

1. Key different on request.
2. CH751 key code on request

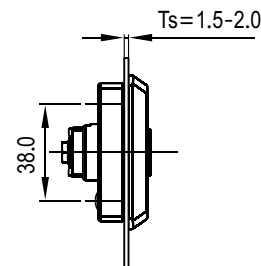
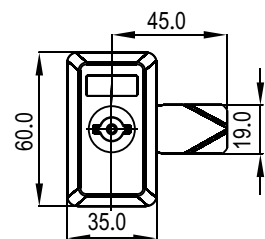


	Version B (Cam control)		Version B (2P.rod control)		Version C (3P.rod control)	
Handle type	Non-Locking	Key Locking	Non-Locking	Key Locking	Non-Locking	Key Locking
T-handle	1123-1000-L190	1123-1001-L190	1123-2000-L190	1123-2001-L190	1123-3000-L190	1123-3001-L190
L-handle	1123-1000-L290	1123-1001-L290	1123-2000-L290	1123-2001-L290	1123-3000-L290	1123-3001-L290
Wing Knob Handle	1123-1000-L390	1123-1001-L390	1123-2000-L390	1123-2001-L390	1123-3000-L390	1123-3001-L390

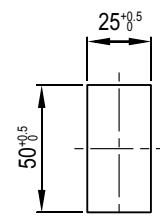
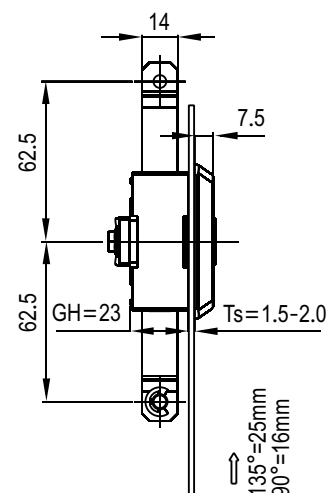
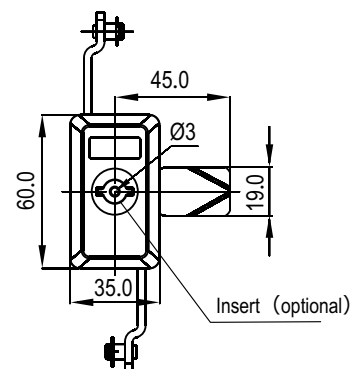
RL IP65



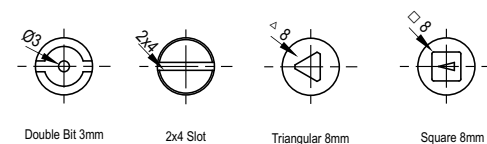
cam control



Rod control



Panel Cutout



Remark
Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1192 series

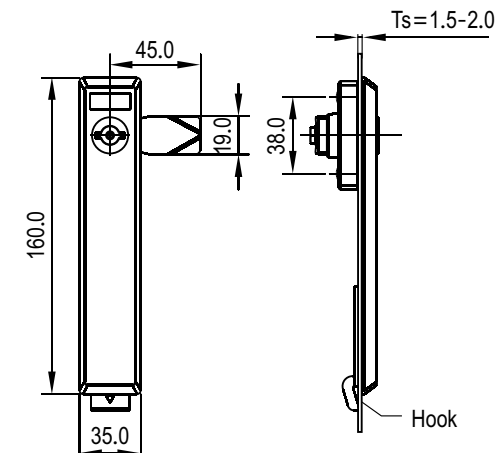
Black PA lock body, zinc die insert with bright chrome plated, m.s. zinc plated cam

Insert type	Version A (Cam control)	Version B (2P.rod control)	Version C (3P.rod control)
Double Bit 3mm	1127-1013-S190	1127-2013-S190	1127-3013-S190
2x4 Slot	1127-1024-S190	1127-2024-S190	1127-3024-S190
Triangular 8mm	1127-1038-S190	1127-2038-S190	1127-3038-S190
Square 8mm	1127-1048-S190	1127-2048-S190	1127-3048-S190

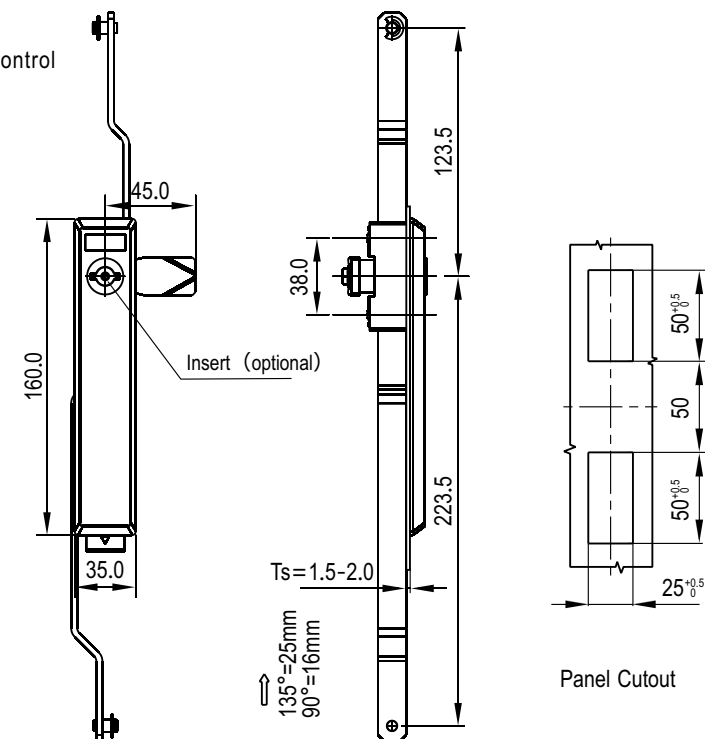
RL IP65



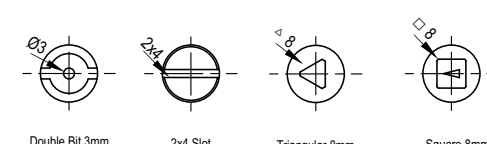
cam control



Rod control



Panel Cutout



Remark
Accessories ref. to page #
1. CAM ref. to page 9A-001
2. Rod control 1193 series



Black PA lock body, zinc die insert with bright chrome plated, m.s. zinc plated cam

Insert type	Version A (Cam control)	Version B (2P.rod control)	Version C (3P.rod control)
Double Bit 3mm	1127-1013-L190	1127-2013-L190	1127-3013-L190
2x4 Slot	1127-1024-L190	1127-2024-L190	1127-3024-L190
Triangular 8mm	1127-1038-L190	1127-2038-L190	1127-3038-L190
Square 8mm	1127-1048-L190	1127-2048-L190	1127-3048-L190

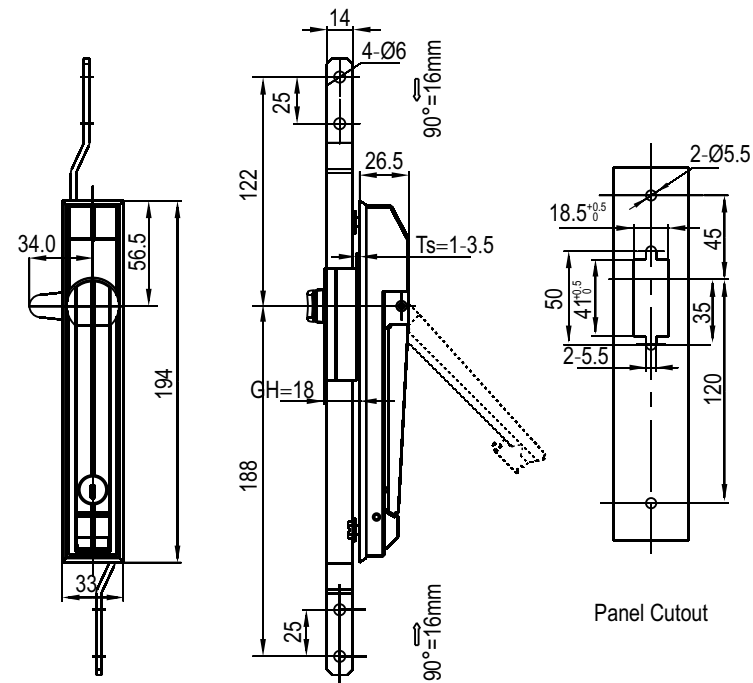
RL IP65



RL IP65

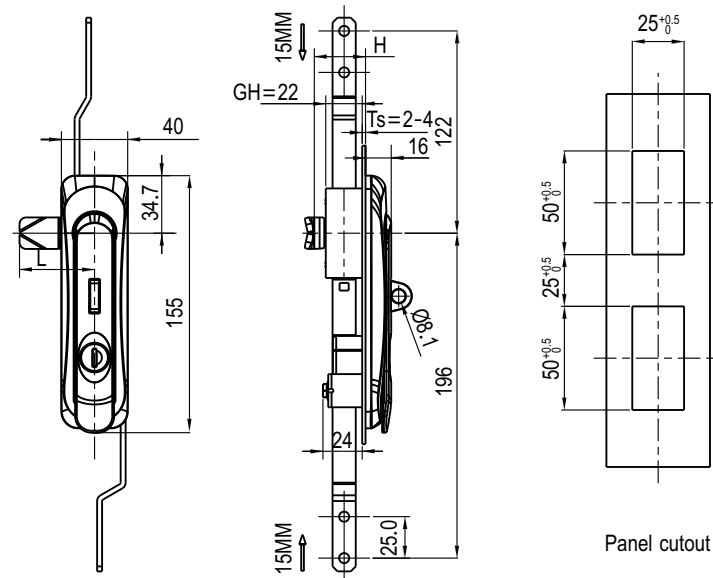


NEW



Zinc die lock body, housing with yellowish grey powder coated(RAL7032), handle & button with smooth black powder coated, ms.zinc plated rod & cam

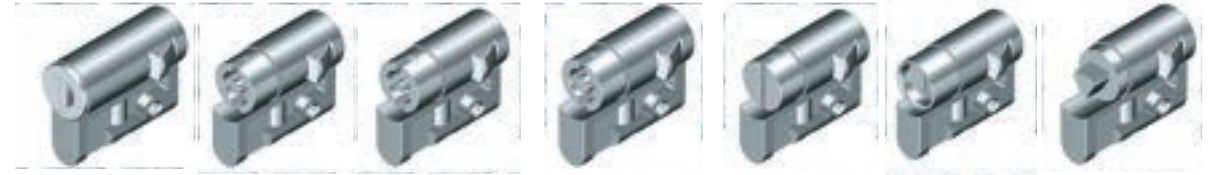
Version C(3P.rod control)	M.S. Zinc Plated Cam	Zinc Cam
Black Powder Coated	1128-3001-10	1128-3001-10-S
Powder Coated RAL7032	1128-3001-32	1128-3001-32-S



Zinc die body and rod control, m.s.zinc plated cam,black powder coated or E-coated

	Version B (2P.rod cotrol)	Version C (3P.rod control)
Padlockable	1129-2001-10-P	1129-3001-10-P
Without padlock	1129-2001-10	1129-3001-10

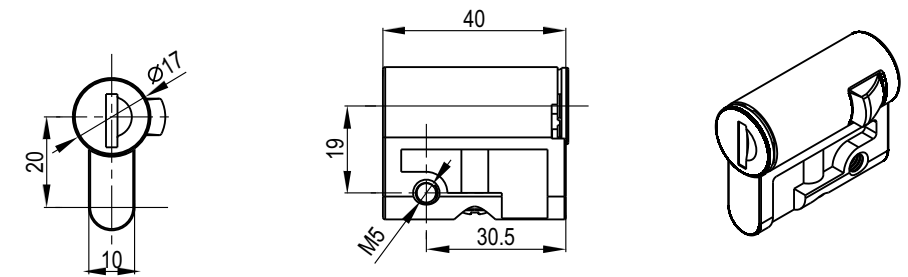
Version A



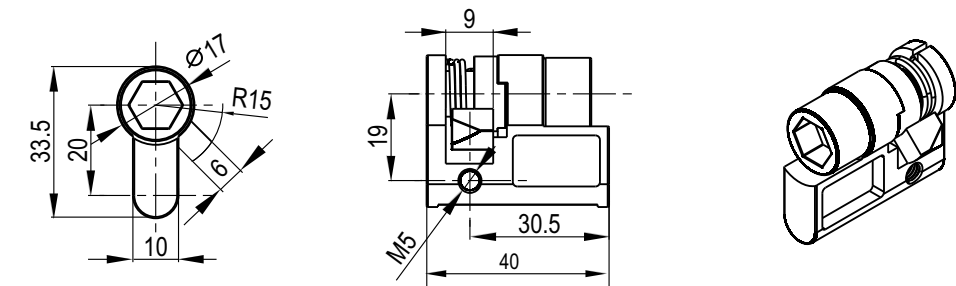
Version B



Version A



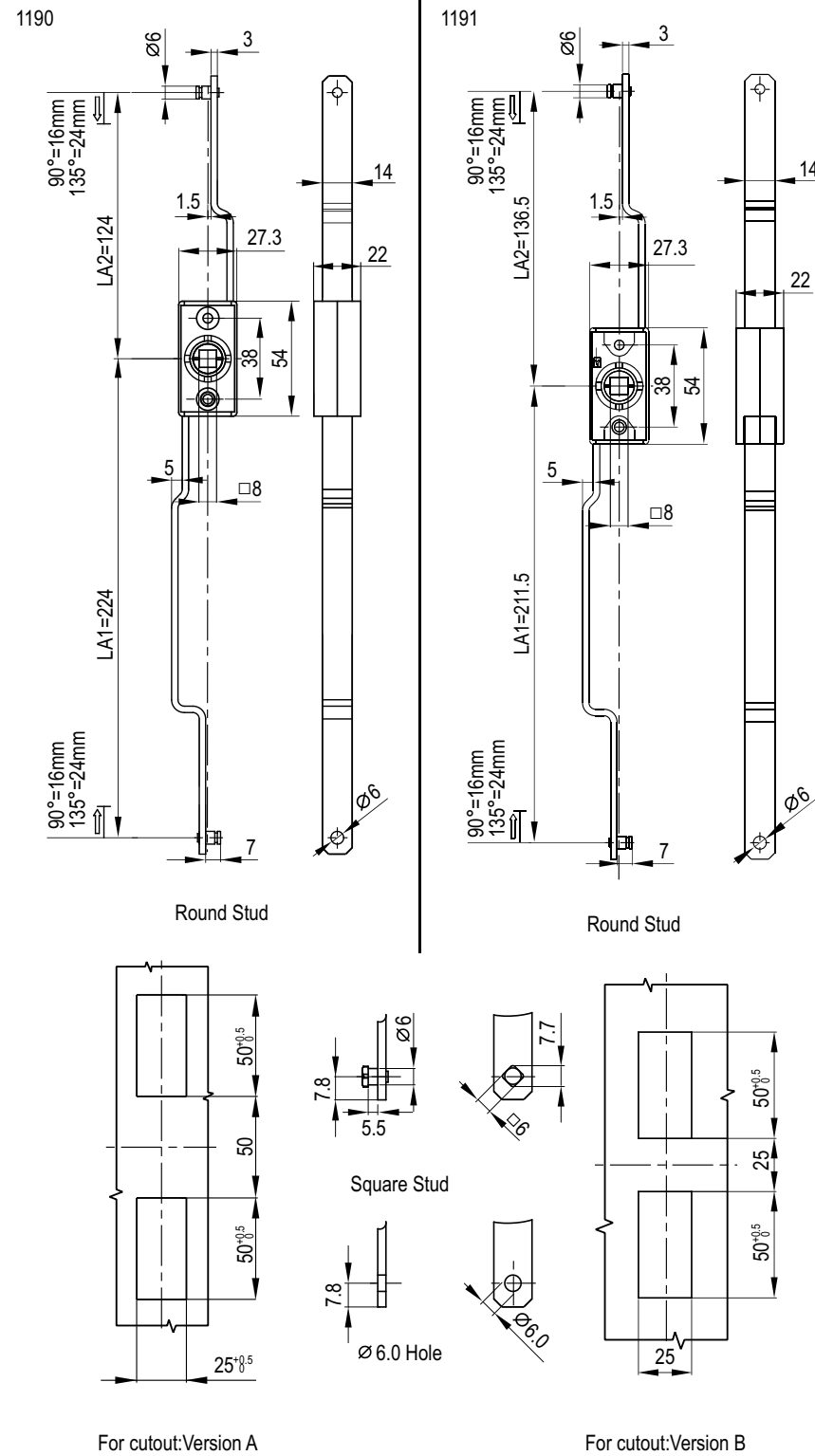
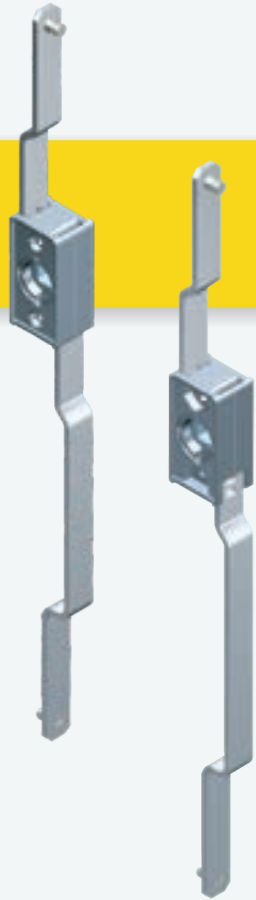
Version B



Zinc die body,bright chrome plated

Insert type	Version A	Version B
Alike YK333	1189-333-A	1189-333-B
Double Bit 3mm	1189-013-A	1189-013-B
Double Bit 4mm	1189-014-A	1189-014-B
Double Bit 5mm	1189-015-A	1189-015-B
2×4 Slot	1189-024-A	1189-024-B
2×4 Slot coin proof	1189-124-A	1189-124-B
Triangular 7mm	1189-037-A	1189-037-B
Triangular 8mm	1189-038-A	1189-038-B
Square 7mm	1189-046-A	1189-046-B
Square 8mm	1189-048-A	1189-048-B
Square 7mm with slot	1189-147-A	1189-147-B
Square 8mm with slot	1189-148-A	1189-148-B
Female square 8mm	1189-248-A	1189-248-B
Hexagon female 8mm	1189-168-A	1189-168-B
Hexagon female 9mm	1189-169-A	1189-169-B
Hexagon female 8mm with3mm pin	1189-268-A	1189-268-B
Hexagon male 10mm	1189-360-A	1189-360-B

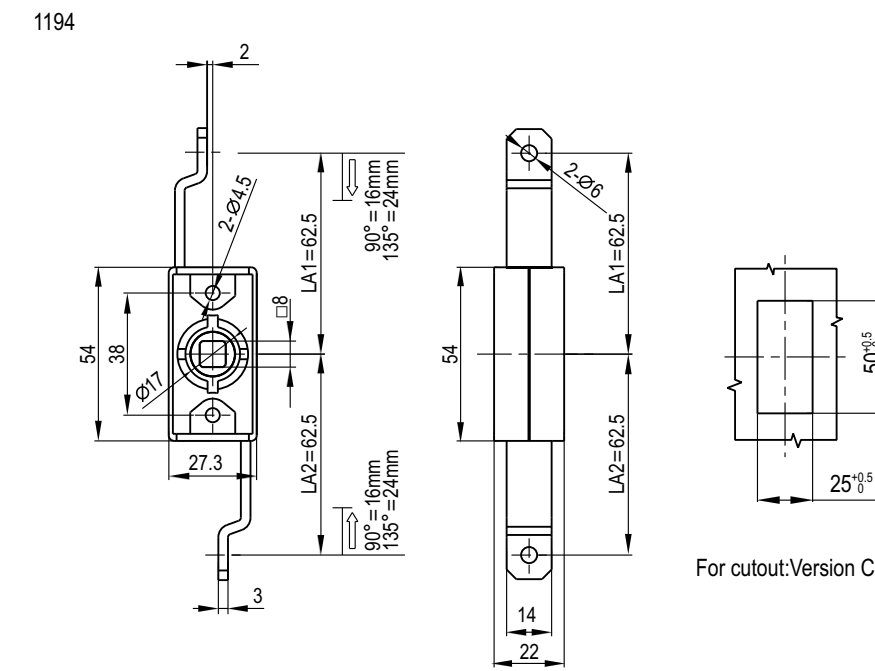
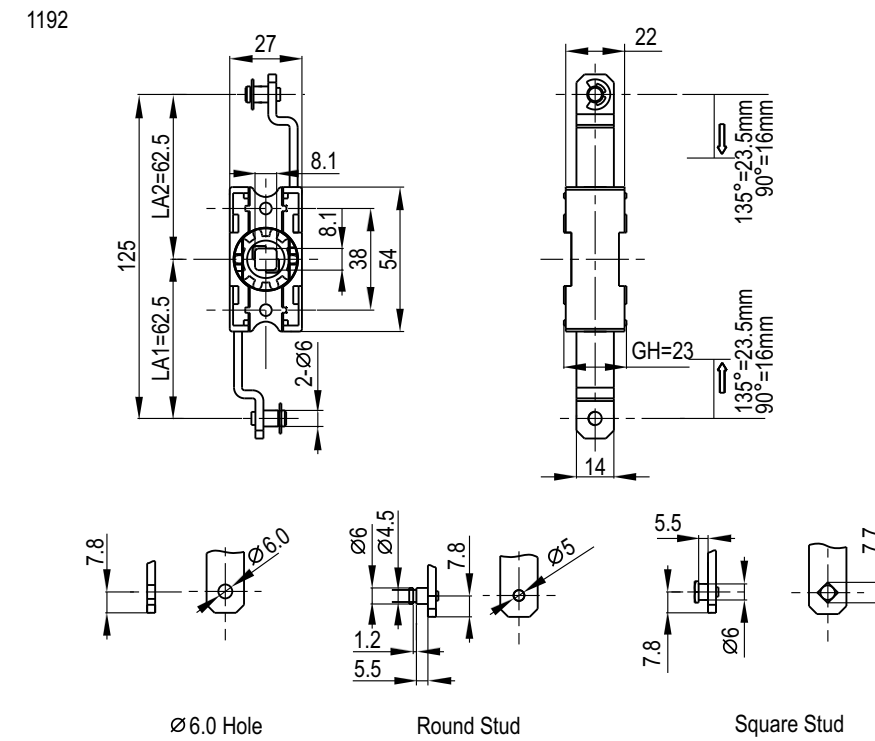
RL



Zinc die body ,zinc plated. m.s. zinc plated rod

Rivet Style	For cutout:Version A	For cutout:Version B
Round Studs	1190-01	1191-01
Square Studs	1190-02	1191-02
6.0 Hole	1190-03	1191-03

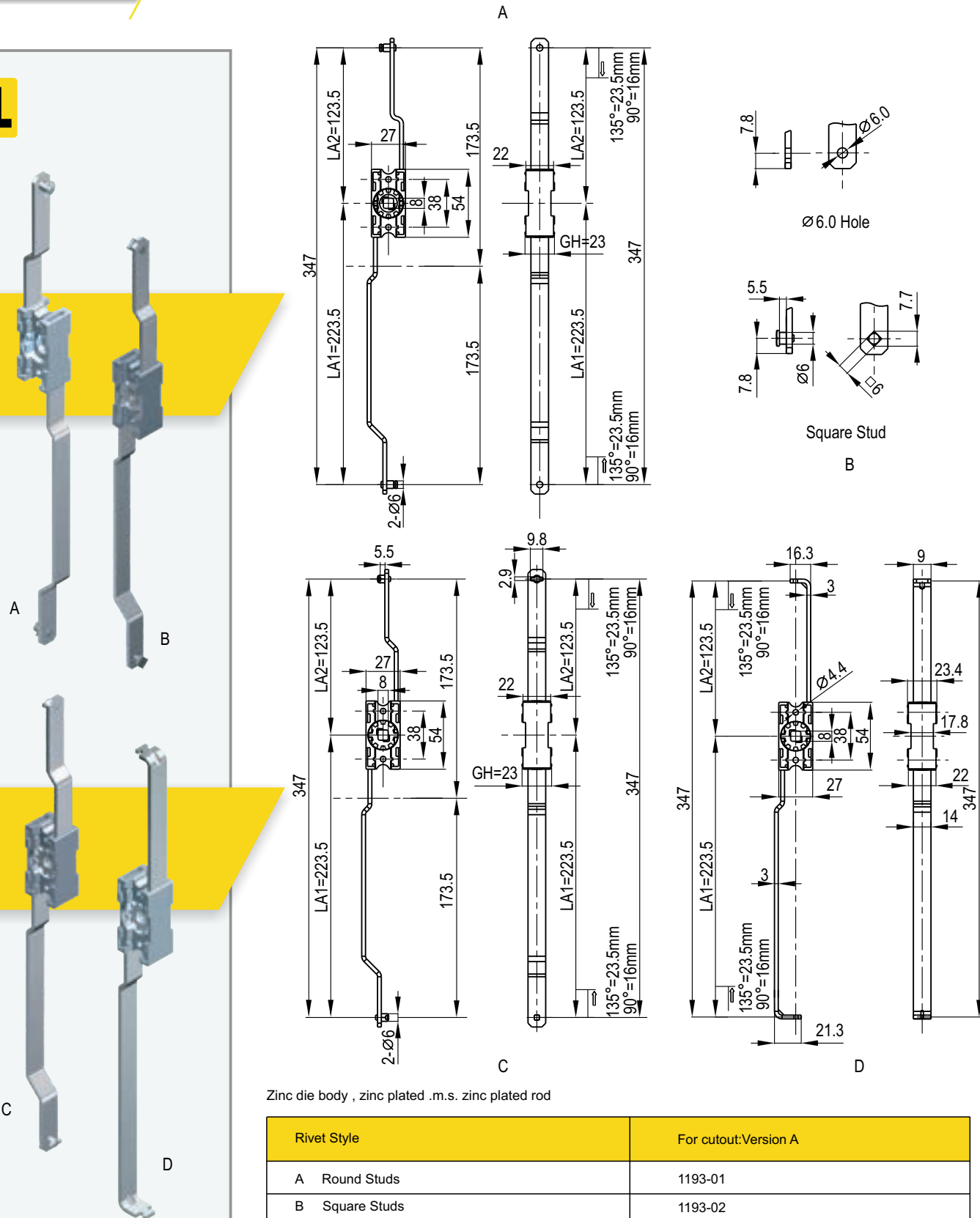
RL



Zinc die body, zinc plated. m.s. zinc plated rod

Rivet Style	For cutout:Version C	For cutout:Version C
Round Studs	1192-01	1194-01
Square Studs	1192-02	1194-02
6.0 Hole	1192-03	1194-03

RL

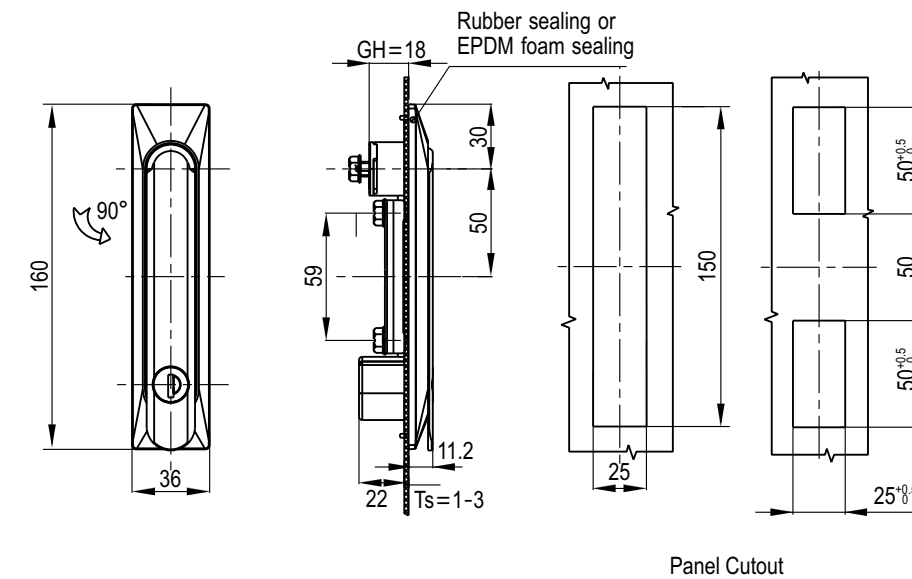


Zinc die body , zinc plated .m.s. zinc plated rod

Rivet Style	For cutout:Version A
A Round Studs	1193-01
B Square Studs	1193-02
C Round Stud Hook	1193-03
D Hook	1193-04

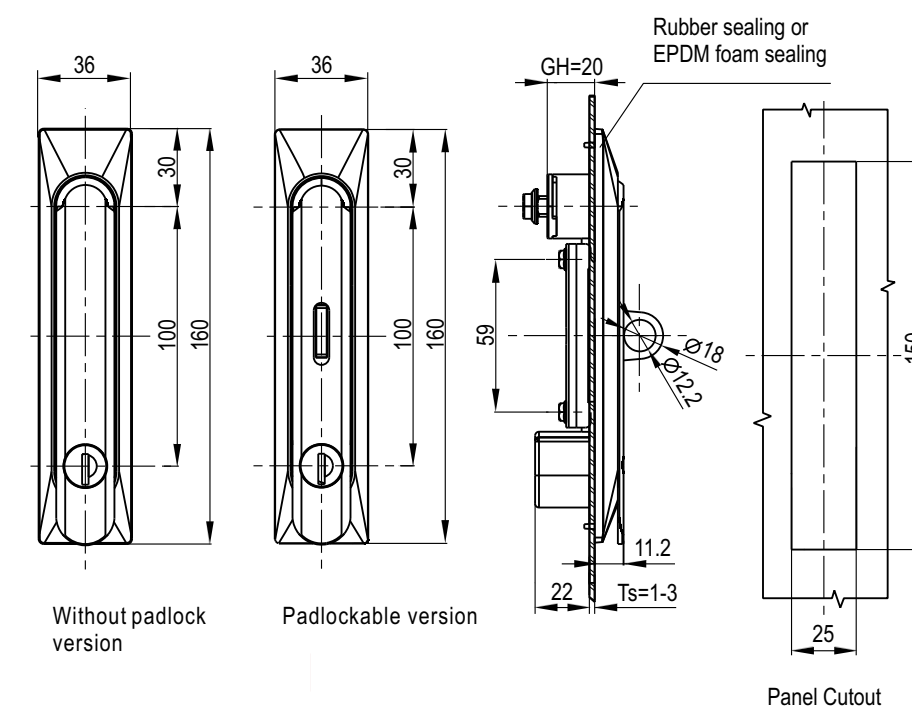
RL

IP65



PA black plastic or zinc die housing, zinc die handle black powder coated, zinc die shaft and m.s. zinc plated fixing parts.

	Zinc die handle,PA housing
Large size GH=18	1201-01-0118



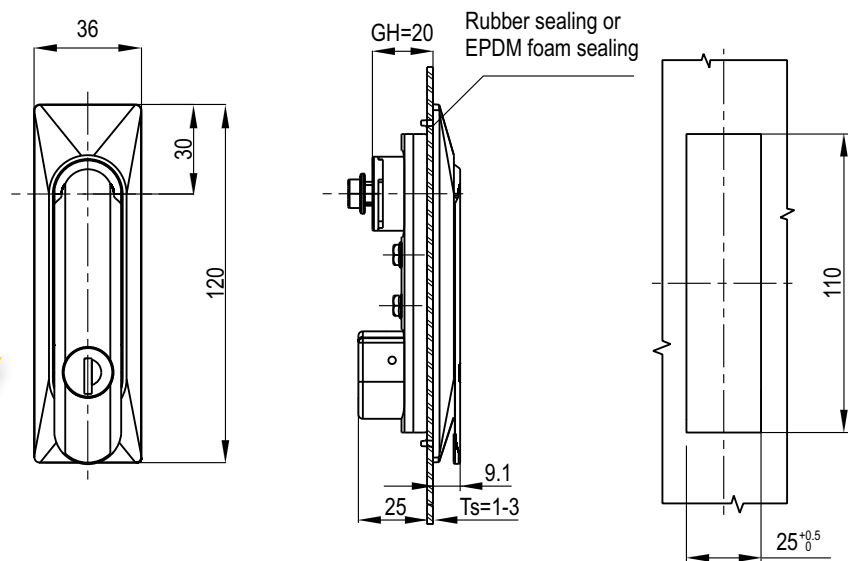
PA black plastic or zinc die housing, zinc die handle black powder coated, zinc die shaft and m.s. zinc plated fixing parts.

	Zinc die handle,PA housing	Zinc Die
Large size GH=20	1201-01-0120	1201-01-0220

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

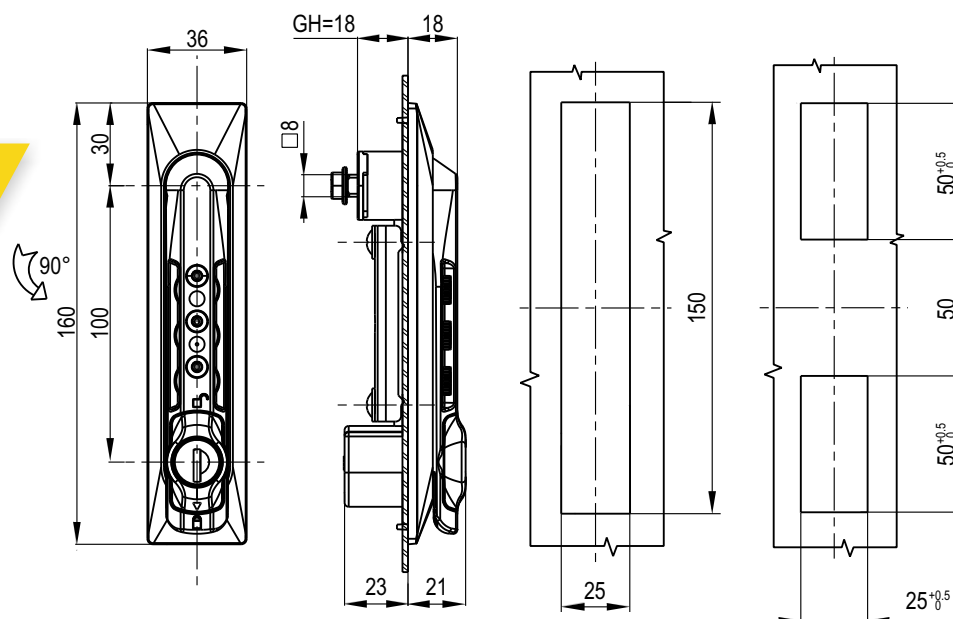
RL  **IP65**



Black PA or zinc die lock housing, zinc die handle black powder coated, zinc die shaft and m.s. zinc plated fixing parts.

Panel Cutout

	Zinc die handle, PA housing	Zinc Die	PA
Small size	1201-02-0120	1201-02-0220	1201-02-0320



Black PA body, zinc die, shaft and m.s. zinc plated fixing parts.

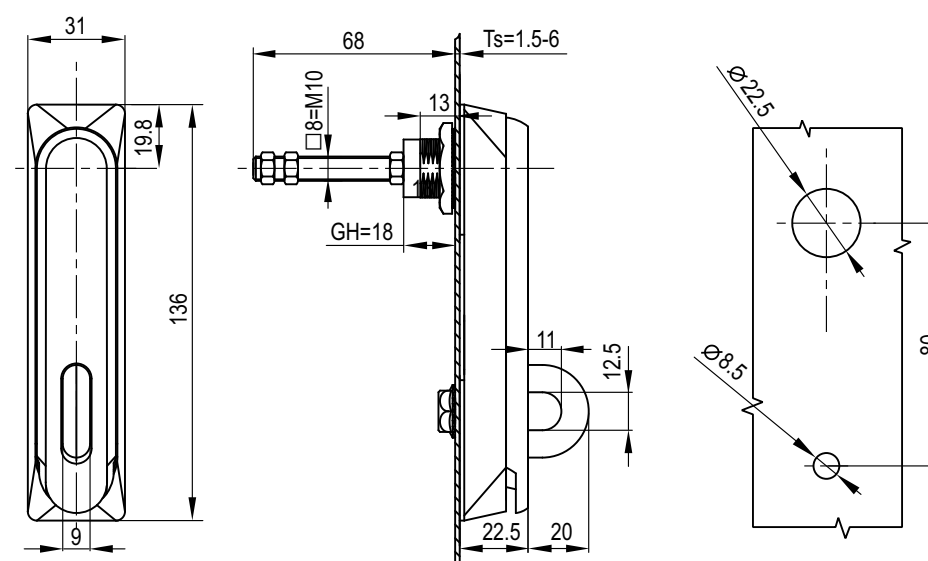
Panel Cutout

	PA handle and housing
Code mode	1201-01-0320

Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

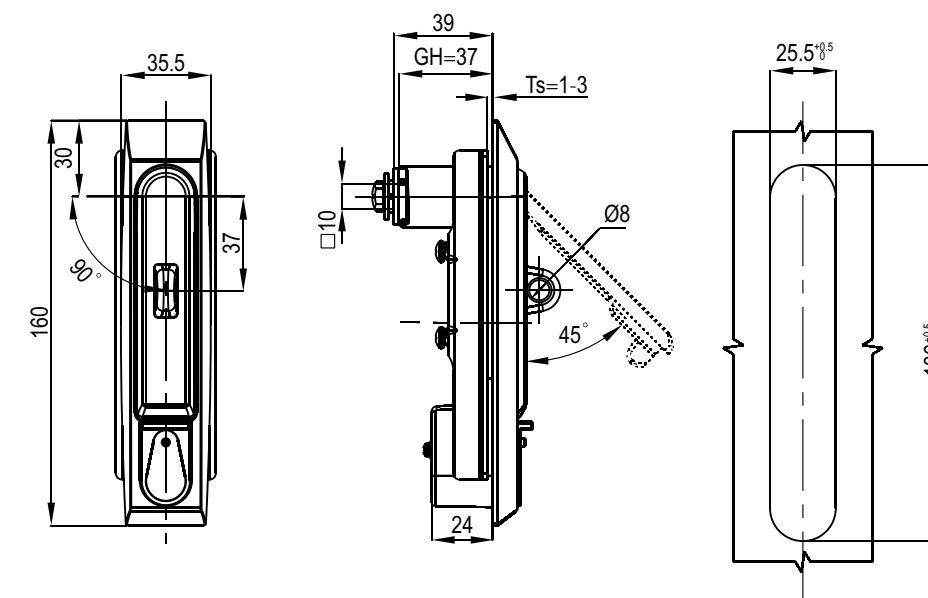
S  **RL**  **IP65** 



Panel Cutout

Stainless steel

SUS 304	SUS 316
1205-304	1205-316



Panel Cutout

Zinc die, black powder coated, SUS padlock, mounting bracket

Black Powder Coated	
Without padlock	Padlockable
1209-101-10	1209-101-10-P

RL  **IP65** 



Remark
Optional cam cutout: □10X10

RL IP65



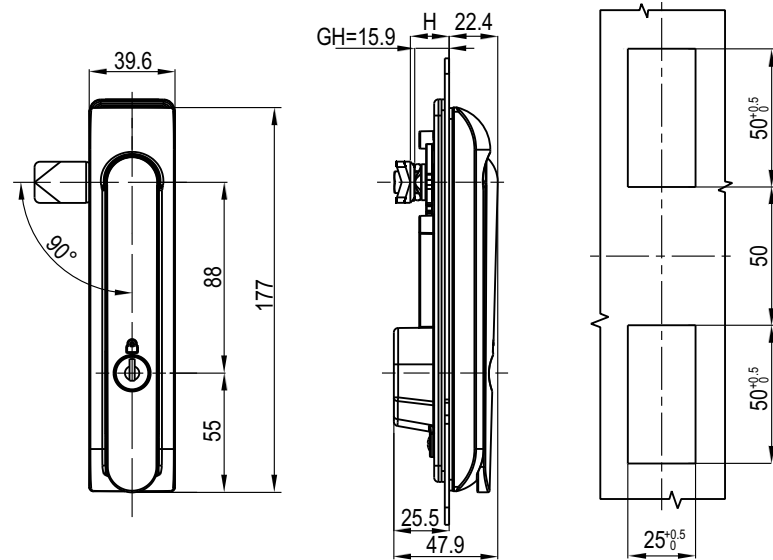
Accessories ref. to page #
1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request

NEW



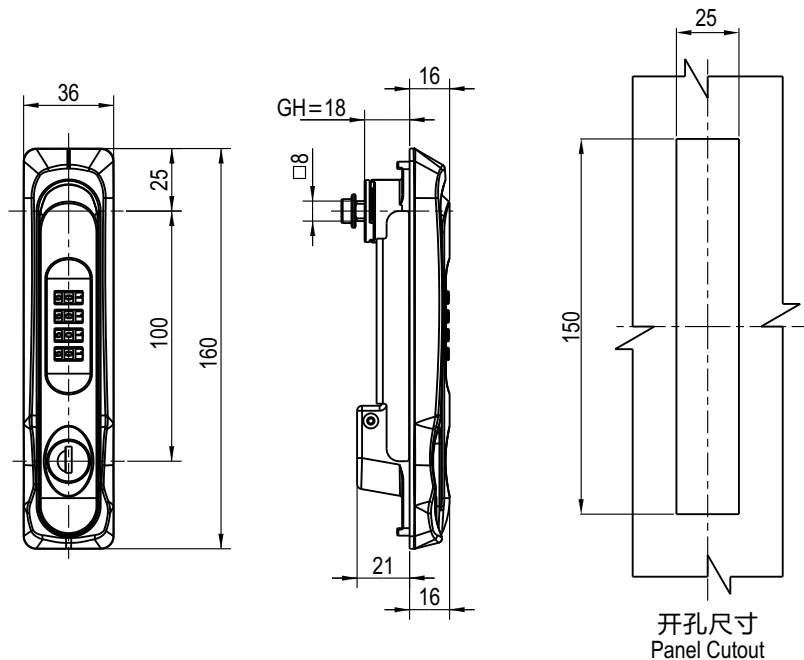
Accessories ref. to page #
1. CAM ref. to page 9A-003



Panel Cutout

Zinc die body, black powder coated or plating

Cylinder style		Black Textured Powder Coated	Bright Chrome
CH751 cylinder	Without padlock	1207-101-20	1207-101-30
	Padlockable	1207-101-20-P	1207-101-30-P
Triangle 8 insert	Without padlock	1207-103-20	1207-103-30
	Padlockable	1207-103-20-P	1207-103-30-P

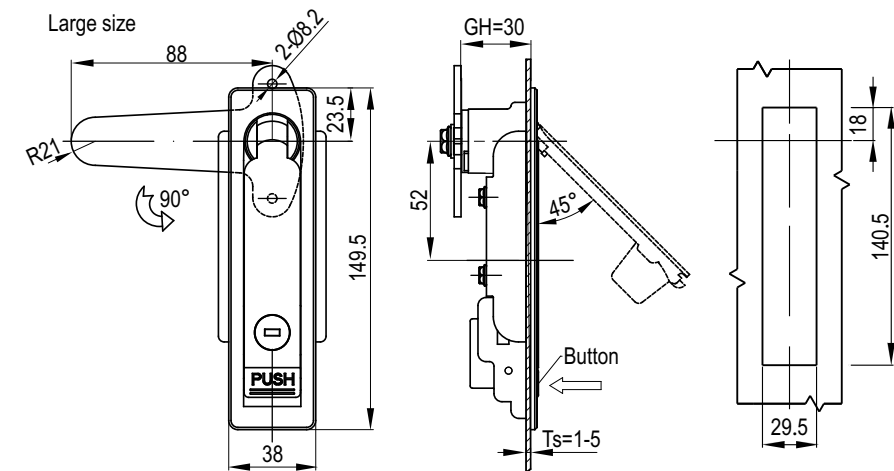


开孔尺寸
Panel Cutout

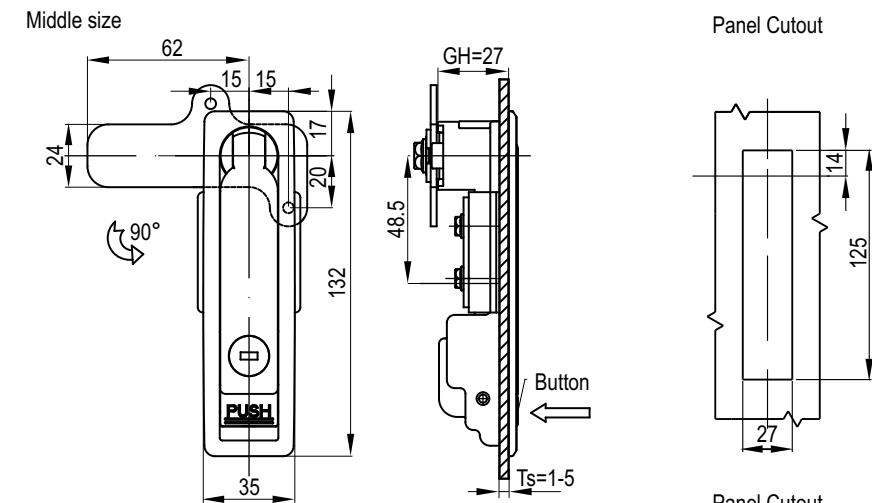
Black PA body, zinc die handle, shaft and m.s. zinc plated fixing parts.

	Black Textured Powder Coated
Key locking	1208-101-20

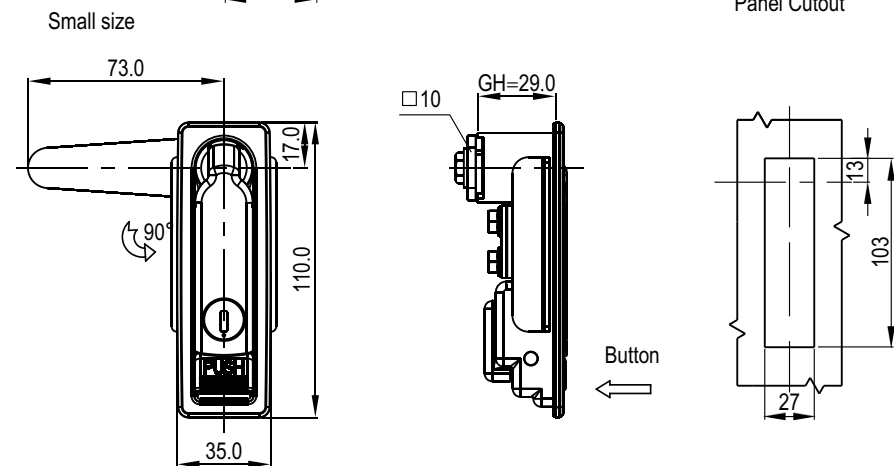
RL IP65



Panel Cutout



Panel Cutout

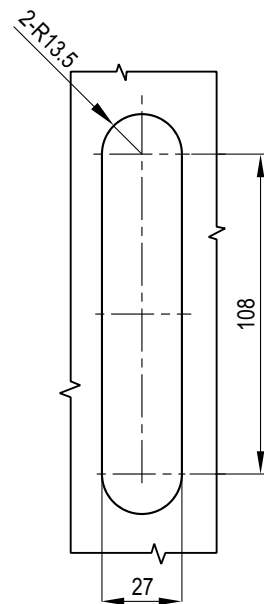
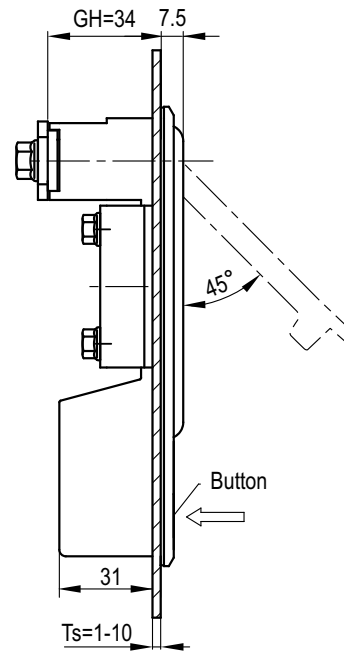
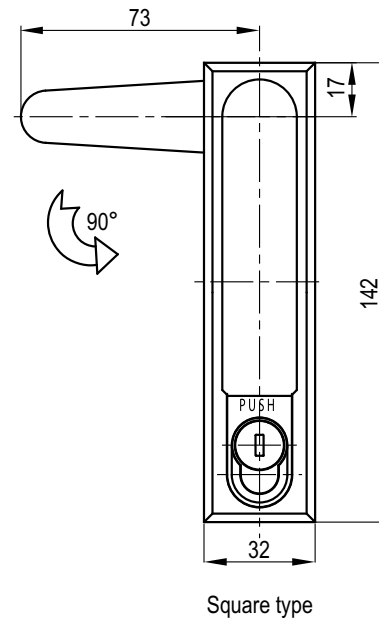


Panel Cutout

Zinc die handle ,housing ,button and cylinder; m.s. zinc plated cam and fixing parts.

	Satin Chrome	Black Powder Coated
Large size	1221-01-40	1221-01-10
Middle size	1221-02-40	1221-02-10
Small size	1221-03-40	1221-03-10

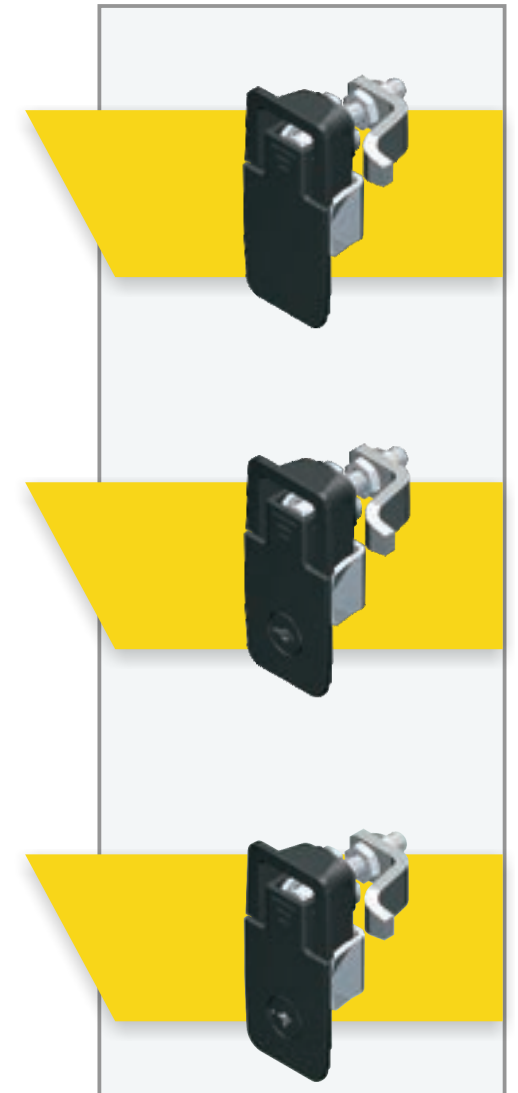
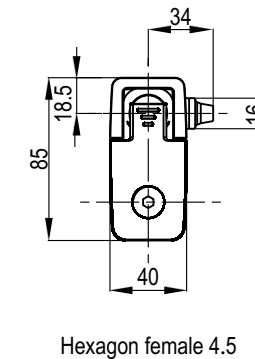
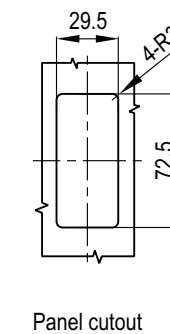
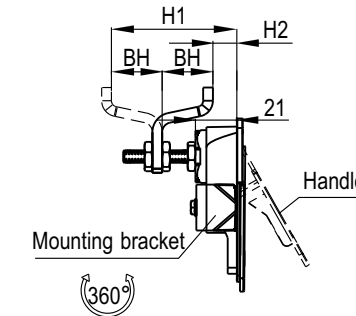
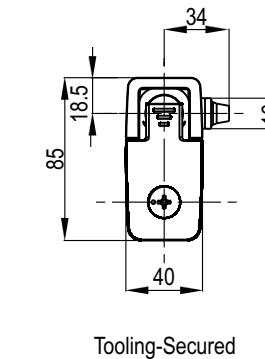
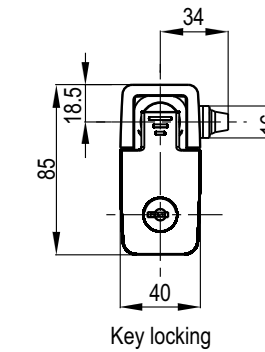
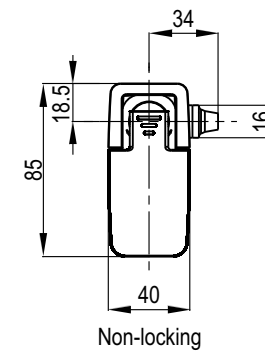
RL



Aluminum alloy housing, Zinc die handle ; m.s. zinc plated cam.

Cylinder style	Black Powder Coated
1117 Key	1222-1P01-10
0200 Key	1222-1P02-10

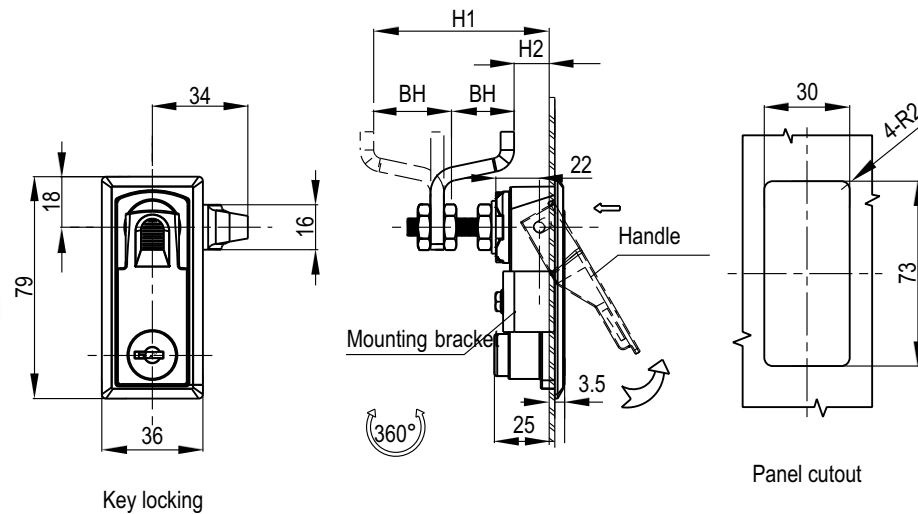
Accessories ref. page#
1.Cam ref. to page 9A-003



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam and shaft

Grip-Range				
Pawl Forward	Pawl Reversed	Cylinder Style	Black Powder Coated	
MIN-MAX	MIN-MAX		Bright Chrome	
6~16	56~66	Non-locking	1240-00-110	1240-00-130
16~26	46~56		1240-00-210	1240-00-230
26~36	36~46		1240-00-310	1240-00-330
6~16	56~66	Key locking	1240-10-110	1240-10-130
16~26	46~56		1240-10-210	1240-10-230
26~36	36~46		1240-10-310	1240-10-330
6~16	56~66	Tooling-Secured	1240-11-110	1240-11-130
16~26	46~56		1240-11-210	1240-11-230
26~36	36~46		1240-11-310	1240-11-330
6~16	56~66	Hexagon female 4.5	1240-12-110	1240-12-130
16~26	46~56		1240-12-210	1240-12-230
26~36	36~46		1240-12-310	1240-12-330

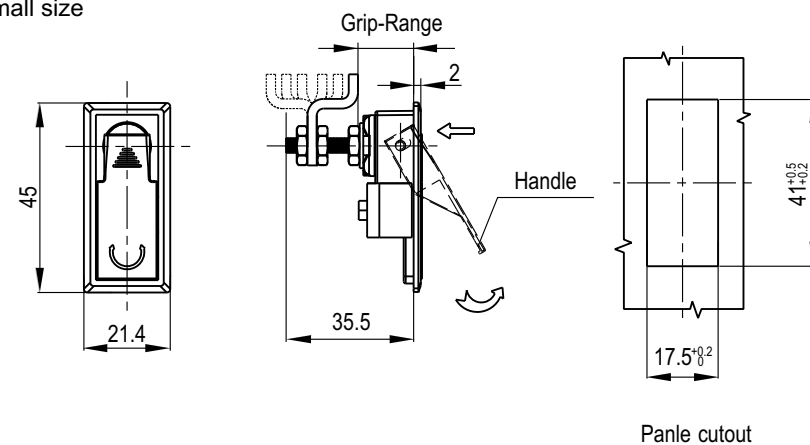
Large size



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam and shaft

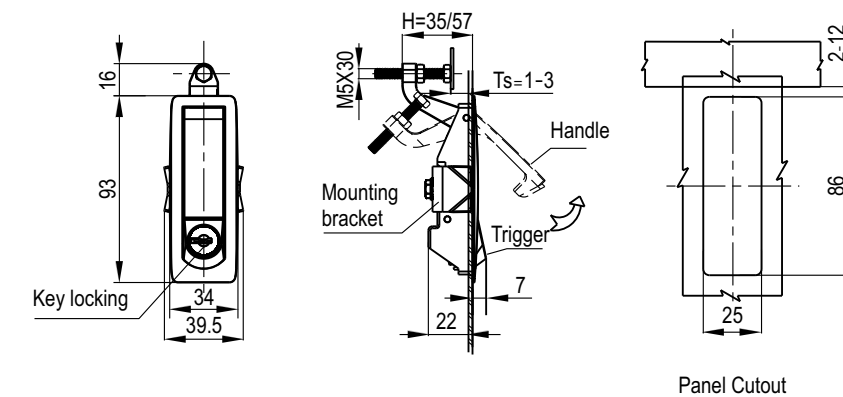
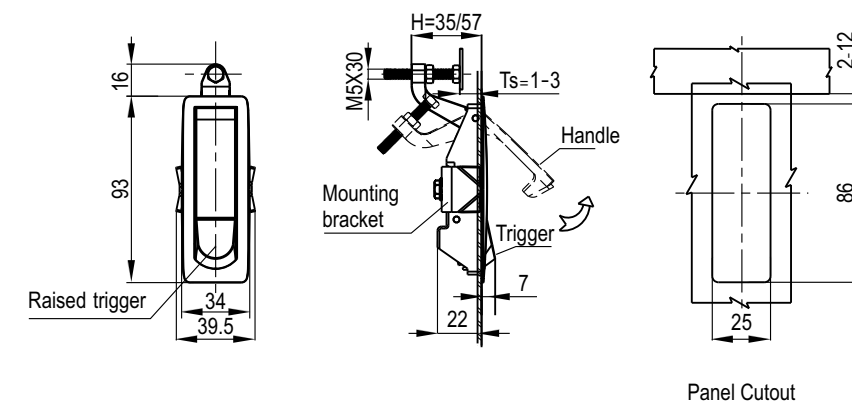
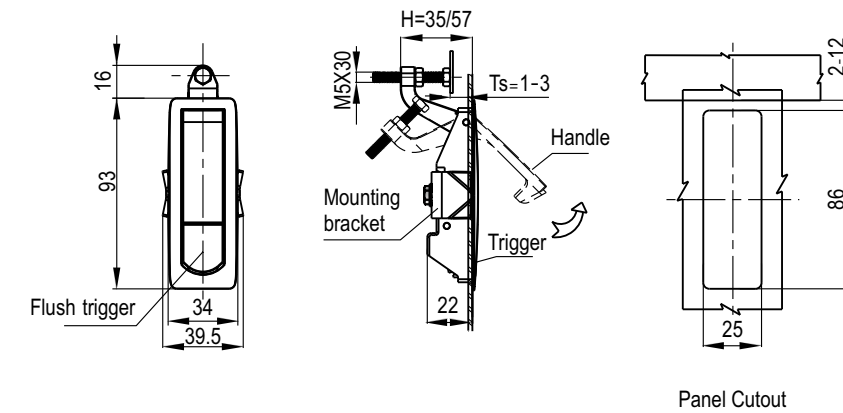
Grip-Range		Cylinder Style	Black powder coated	Bright Chrome
Pawl Forward MIN~MAX	Pawl Reversed MIN~MAX			
6~16	56~66	Non-locking	1241-00-110	1241-00-130
16~26	46~56		1241-00-210	1241-00-230
26~36	36~46		1241-00-310	1241-00-330

Small size



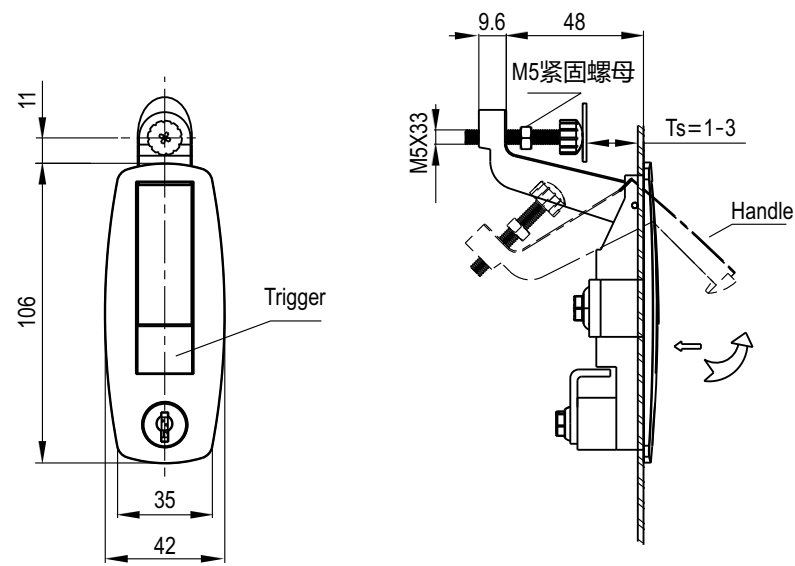
Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam and shaft

Grip-Range		Cylinder Style	Black powder coated	Bright Chrome
Pawl Forward MIN~MAX	Pawl Reversed MIN~MAX			
4. 5~10. 5	34. 5~40. 5	Non-locking	1241-200-110	1241-200-130
10. 5~16. 5	28. 5~34. 5		1241-200-210	1241-200-230
16. 5~22. 5	22. 5~28. 5		1241-200-310	1241-200-330

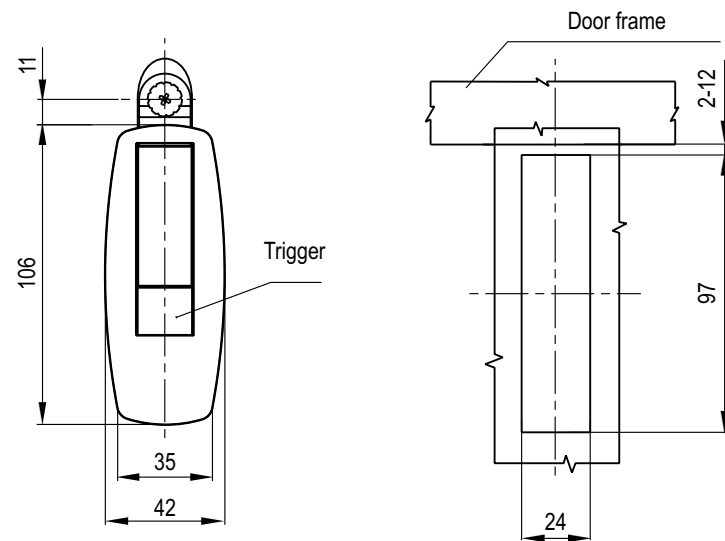


Zinc die handle ,housing and trigger black powder coated or bright chrome; m.s. zinc plated screw and fixing parts

Grip-Range	1~24		23~46	
	Short Arm		Longer Arm	
Trigger Style	Black powder coated	Bright Chrome	Black powder coated	Bright Chrome
Non-locking raised trigger	1242-124-10	1242-124-30	1242-146-10	1242-146-30
Non-locking Flush trigger	1242-224-10	1242-224-30	1242-246-10	1242-246-30
(CH751) Key locking	1242-324-10	1242-324-30	1242-346-10	1242-346-30
Tooling-Secured	1242-524-10	1242-524-30	1242-546-10	1242-546-30
CH751 key locking,with shutter	1242-624-10	1242-624-30	1242-646-10	1242-646-30
Hexagon female 4.5mm	1242-724-10	1242-724-30	1242-746-10	1242-746-30



Key locking

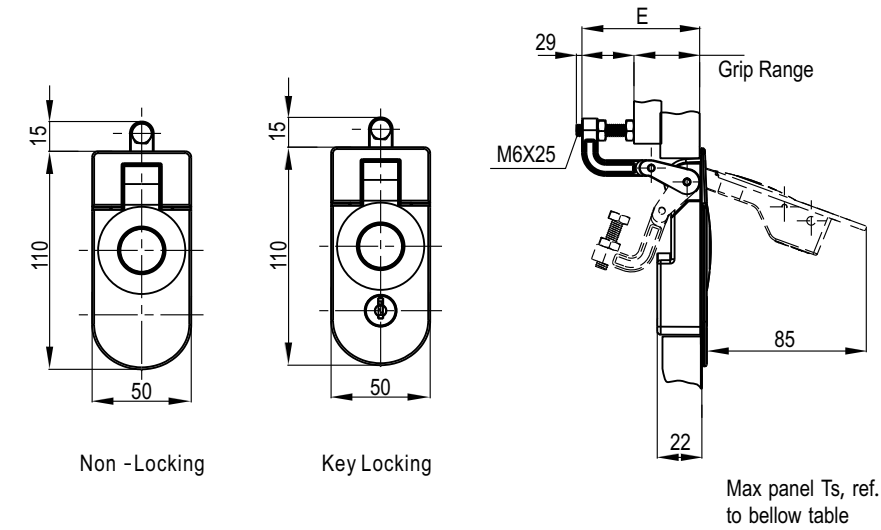


Non-locking

Panel Cutout

Zinc die handle ,housing and button; m.s. zinc plated fixing parts.

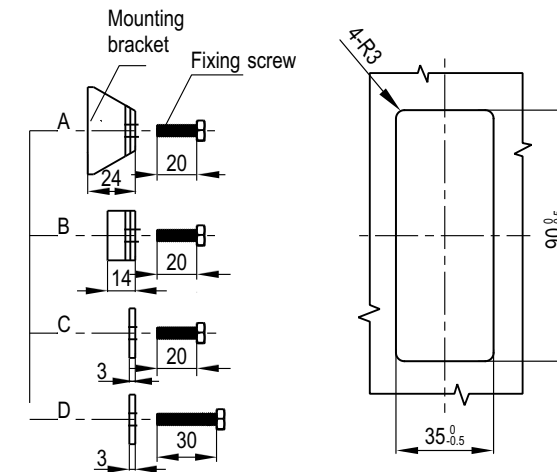
Key Locking	1244-10-10
Non-Locking	1244-00-10



Non -Locking

Key Locking

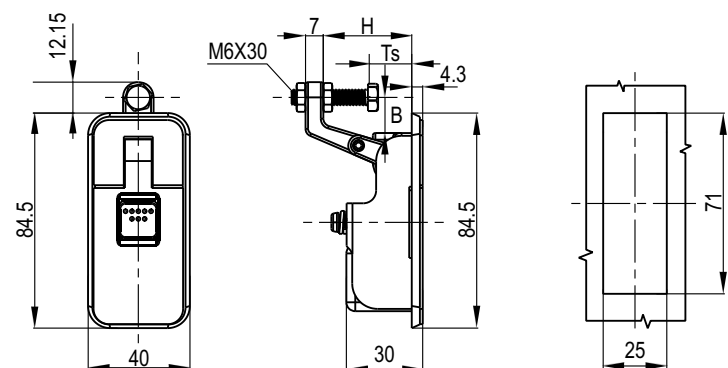
Max panel Ts, ref.
to bellow table



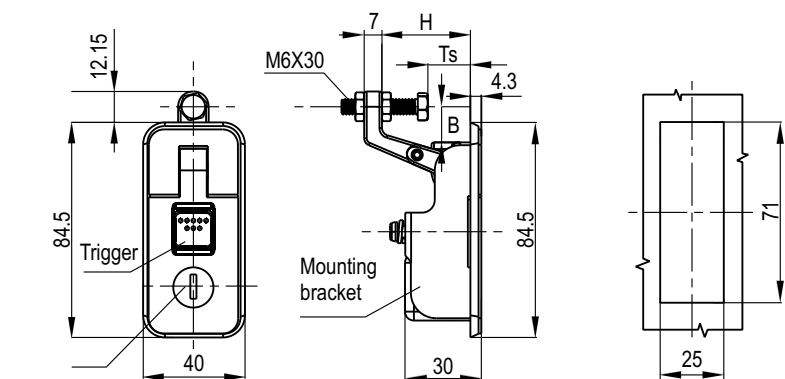
Panel cutout

Zinc die handle,housing and trigger; m.s. zinc plated fixing parts

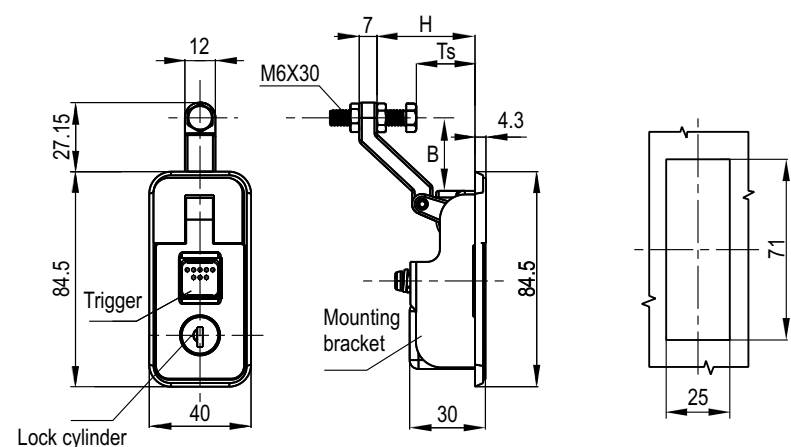
Mounting bracket	Panel thickness		Grip Range		E					
	MIN	MAX	MIN	MAX		Non-locking	CH751 key locking with shutter	CH751 key locking	Tooling-secured	Hexagon female 4.5
A	1	11	1	14	29	1245-114-201	1245-214-201	1245-314-201	1245-414-201	1245-914-201
B	11	21				1245-114-202	1245-214-202	1245-314-202	1245-414-202	1245-914-202
A	1	11				1245-129-201	1245-229-201	1245-329-201	1245-429-201	1245-929-201
B	11	21	14	29	44	1245-129-202	1245-229-202	1245-329-202	1245-429-202	1245-929-202
C	21	31				1245-129-203	1245-229-203	1245-329-203	1245-429-203	1245-929-203
A	1	11	29	45	60	1245-145-201	1245-245-201	1245-345-201	1245-445-201	1245-945-201
B	11	21				1245-145-202	1245-245-202	1245-345-202	1245-445-202	1245-945-202
C	21	31				1245-145-203	1245-245-203	1245-345-203	1245-445-203	1245-945-203
D	31	41				1245-145-204	1245-245-204	1245-345-204	1245-445-204	1245-945-204
A	1	11	45	57	72	1245-157-201	1245-257-201	1245-357-201	1245-457-201	1245-957-201
B	11	21				1245-157-202	1245-257-202	1245-357-202	1245-457-202	1245-957-202
C	21	31				1245-157-203	1245-257-203	1245-357-203	1245-457-203	1245-957-203
D	31	41				1245-157-204	1245-257-204	1245-357-204	1245-457-204	1245-957-204



Panel cutout



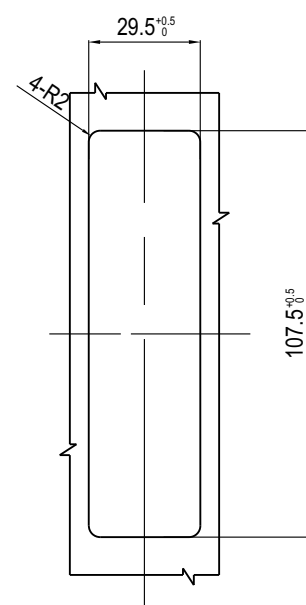
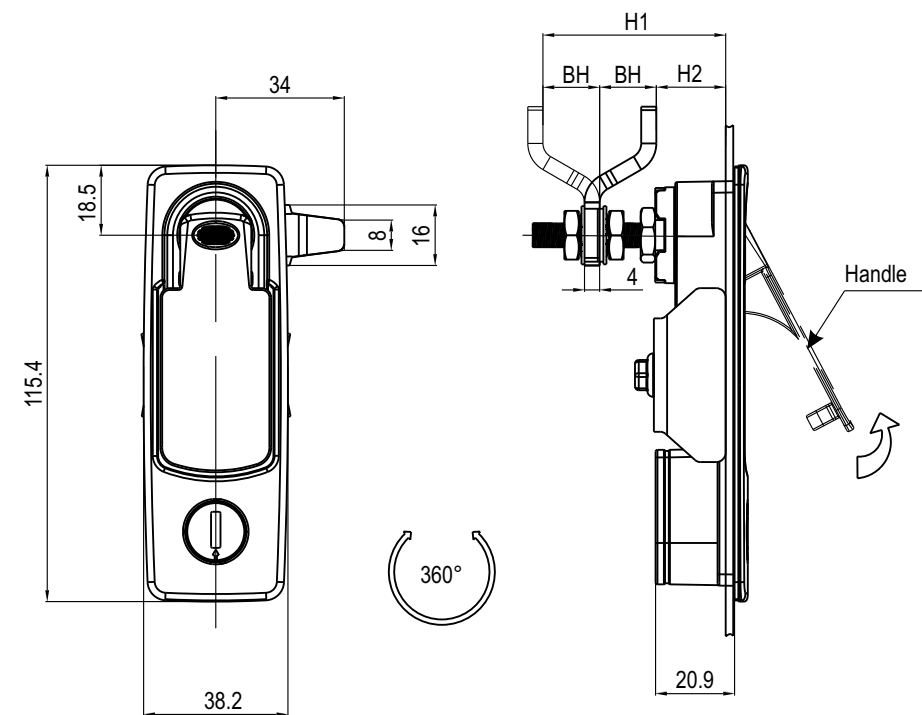
Panel cutout



Panel cutout

Zinc die handle, housing and trigger; m.s. zinc plated fixing parts

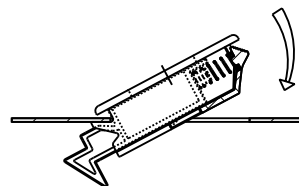
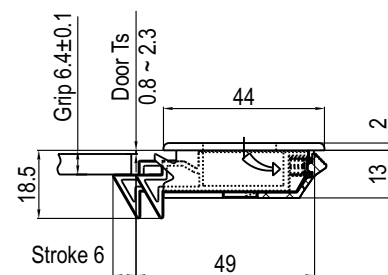
Panel Thickness	Grip Range	H	B	Black powder coated		Satin Chrome	
				Non-locking	CH751 locking with shutter	Non-locking	CH751 locking with shutter
1 to 11mm	1-25mm	36.50	13.50	1246-100-10	1246-110-10	1246-100-40	1246-110-40
1 to 11mm	15-30mm	40.00	28.50	1246-200-10	1246-210-10	1246-200-40	1246-210-40



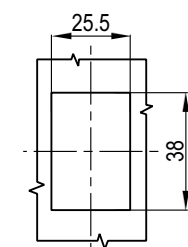
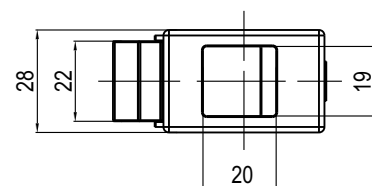
Panel Cutout

Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam and shaft

Grip-Range		Key Locking	
Pawl Forward	Pawl Reversed	Black Powder Coated	Bright Chrome
6-16	56-66	1247-10-110	1247-10-130
16-26	46-56	1247-10-210	1247-10-230
26-36	36-46	1247-10-310	1247-10-330

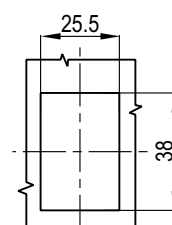
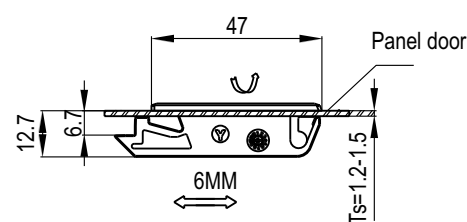


Installation diagram



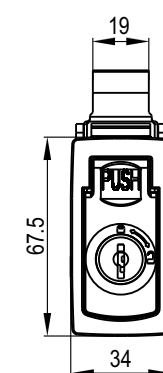
Panel Cutout

Black PA	1250-20
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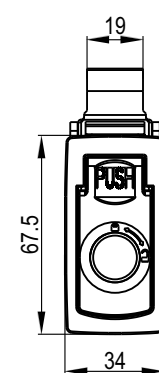


Panel Cutout

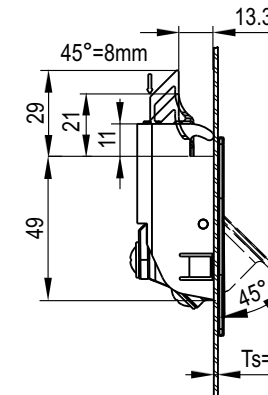
Black ABS	1251-20
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Key locking



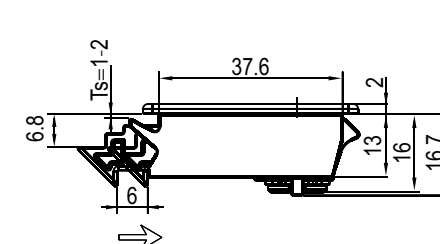
Non-locking



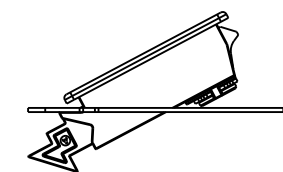
Panel Cutout

Black PA+GF

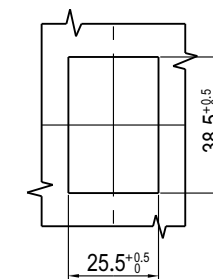
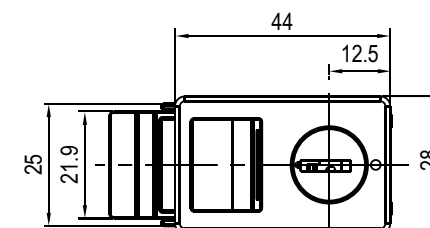
Key locking	1252-10
Non-locking	1252-00



Pull-up:6.0



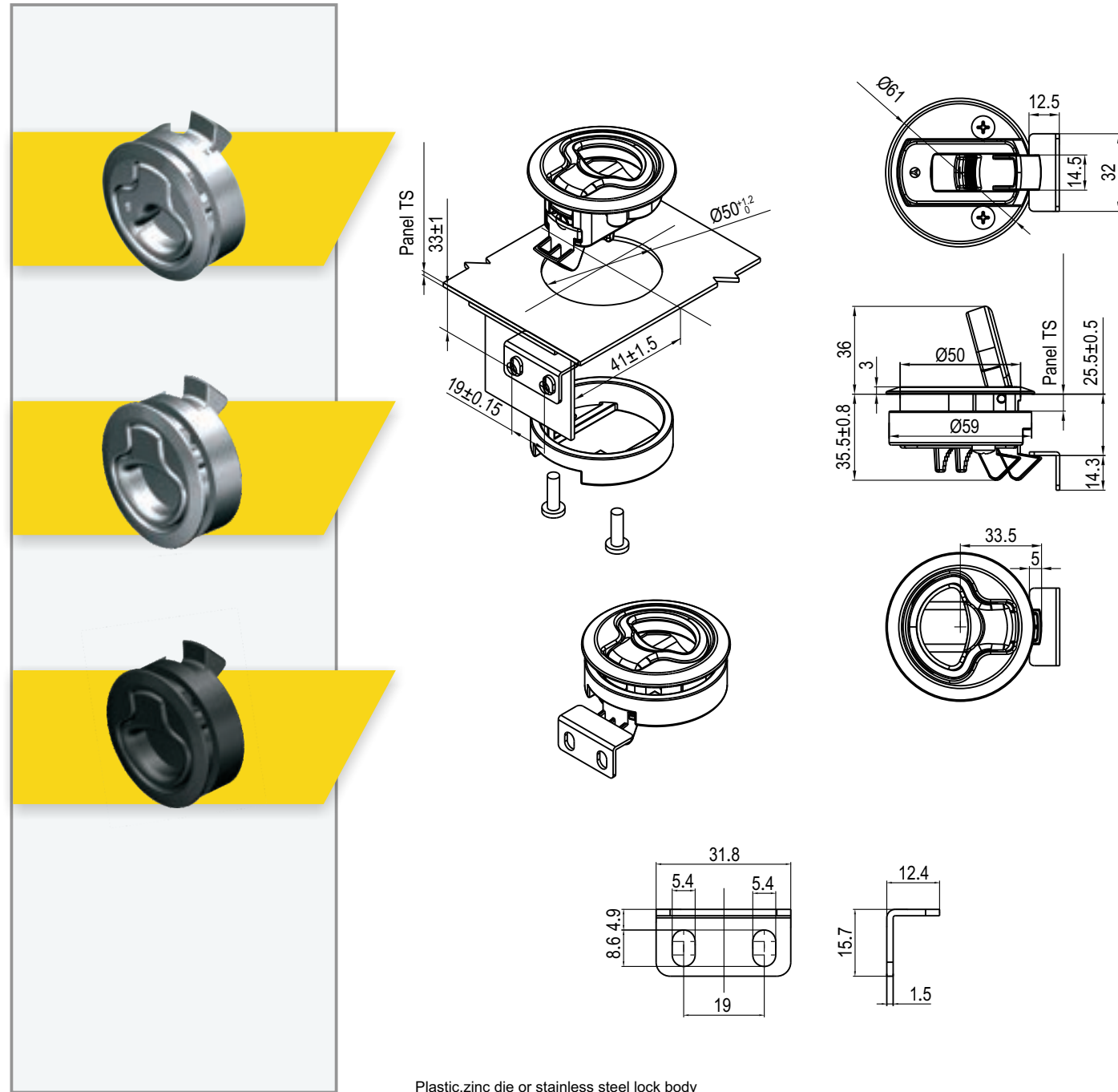
Installation diagram



Panel Cutout

black PA housing, cam, insert; YK333 key

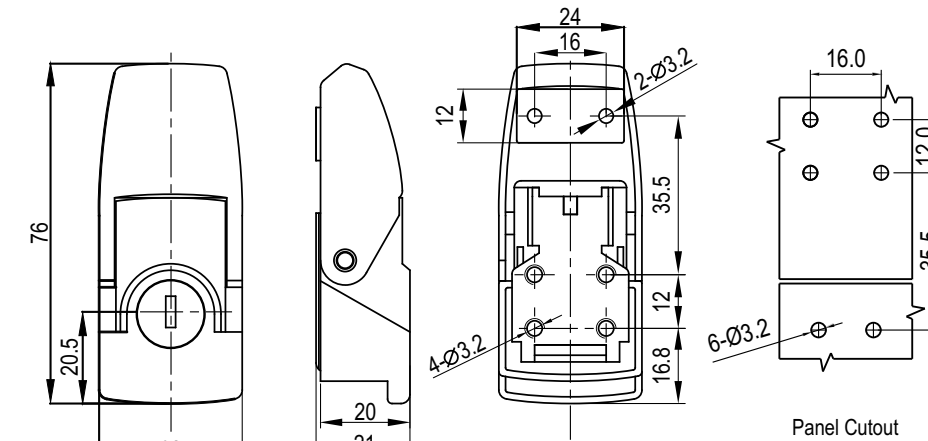
Black PA	1254-20
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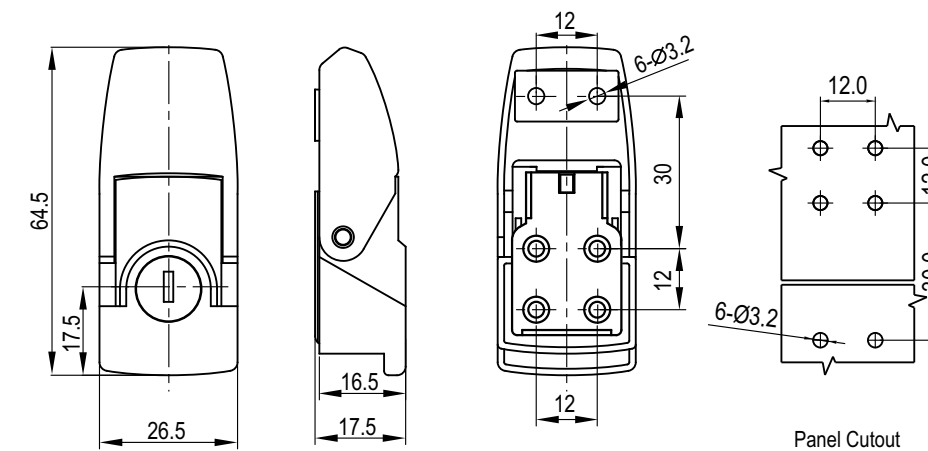
Plastic, zinc die or stainless steel lock body

Panel thickness		Mounting bracket height	Fixingscrew length	Key Locking version				Non-locking version			
MIN	MAX			Stainless steel	Acetal black	Acetal Grey	Zinc die	Stainless steel	Acetal black	Acetal Grey	Zinc die
2	7	14	16	1256-10-2-304	1256-10-2-PAB	1256-10-2-PAG	1256-10-2-20	1256-00-2-304	1256-00-2-PAB	1256-00-2-PAG	1256-00-2-20
7	12	14	20	1256-10-7-304	1256-10-7-PAB	1256-10-7-PAG	1256-10-7-20	1256-00-7-304	1256-00-7-PAB	1256-00-7-PAG	1256-00-7-20
12	17	3.8	16	1256-10-12-304	1256-10-12-PAB	1256-10-12-PAG	1256-10-12-20	1256-00-12-304	1256-00-12-PAB	1256-00-12-PAG	1256-00-12-20
17	22	3.8	20	1256-10-17-304	1256-10-17-PAB	1256-10-17-PAG	1256-10-17-20	1256-00-17-304	1256-00-17-PAB	1256-00-17-PAG	1256-00-17-20

Large size



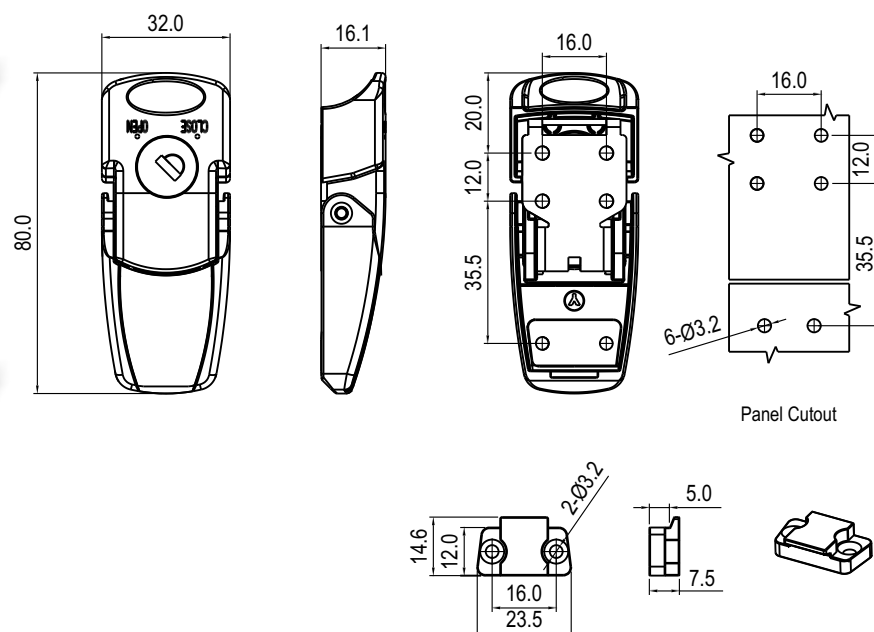
Small size



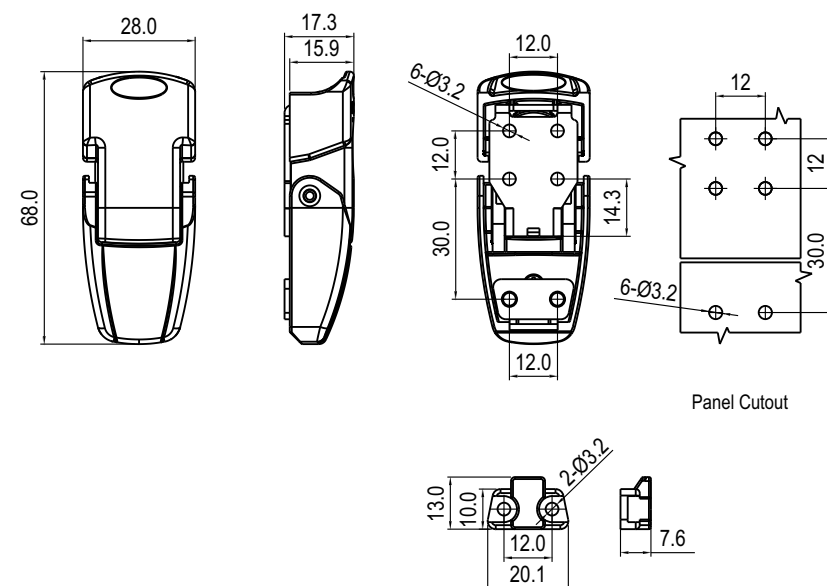
Zinc die, black powder coated or chrome plating

		Key Locking	Non-Locking
Black Powder Coated	Large size	1261-110-10	1261-100-10
	Small size	1261-210-10	1261-200-10
Satin Chrome	Large size	1261-110-40	1261-100-40
	Small size	1261-210-40	1261-200-40

Large size

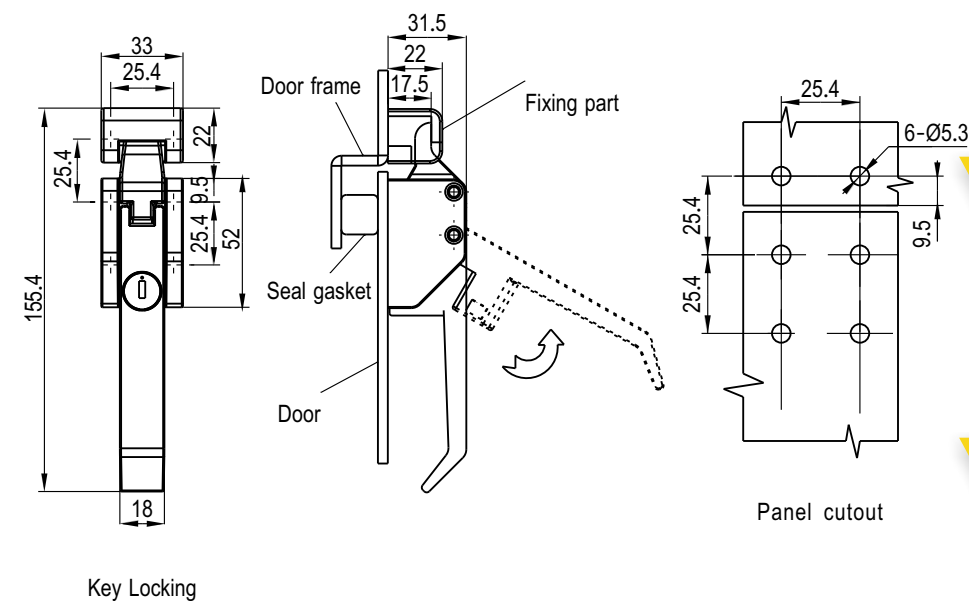


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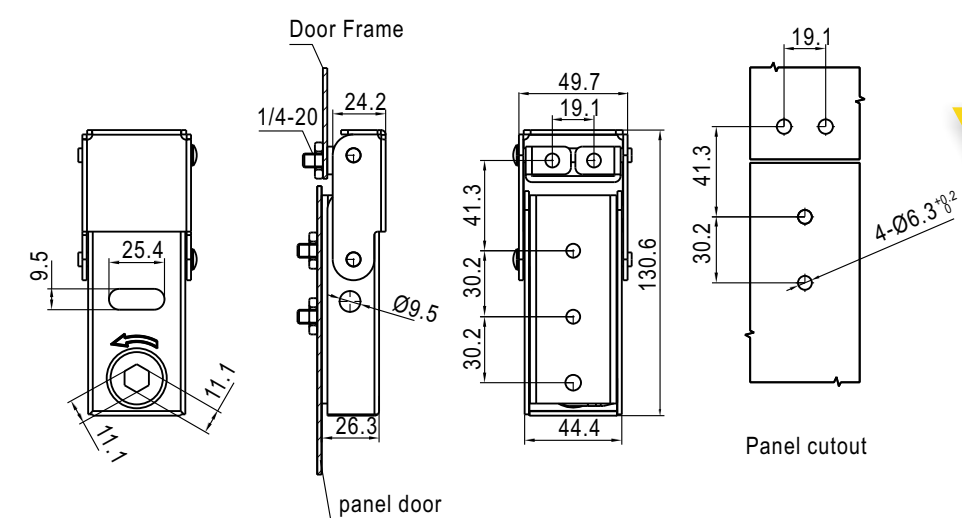
Zinc die, black powder coated or plating

		Key Locking	Non-Locking
Black Powder Coated	Large size	1262-110-10	1262-100-10
	Small size	1262-210-10	1262-200-10
Satin Chrome	Large size	1262-110-40	1262-100-40
	Small size	1262-210-40	1262-200-40



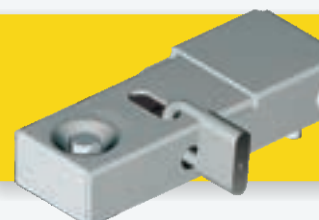
Zinc die, black powder coated or bright chrome

	Screw Hole M5X0.8			Screw Hole 10-32UNC		
	Black Powder Coated	Bright Chrome	Stainless Steel	Black Powder Coated	Bright Chrome	Stainless Steel
CH751 Locking	1271-10-10	1271-10-30	1271-10-316	1271-110-10	1271-110-30	1271-110-316
Non-locking	1271-00-10	1271-00-30	1271-00-316	1271-100-10	1271-100-30	1271-100-316



SUS 316 or 304

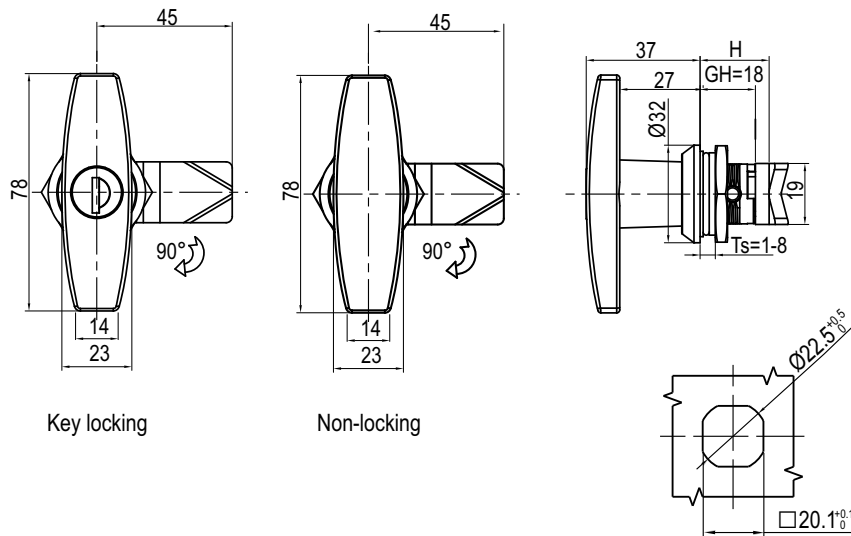
Material	
SUS 316	1272-10-316
SUS 304	1272-10-304
M. S. zinc plated	1272-10-01



S
STAINLESS
SERIES RL IP65**Accessories ref. to page #**
1. CAM ref. to page 9A-001**Remark**
1. Key different on request.
2. CH751 key code on request

RL IP65

NEW

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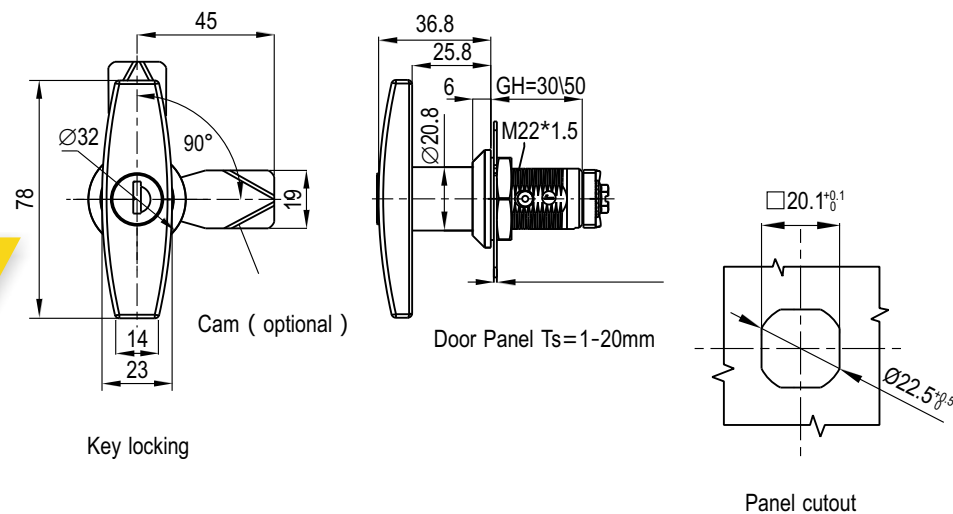
Key locking

Non-locking

Panel cutout

Zinc die housing and handle; m.s. zinc plated cam.

	Black Textured Powder Coated	Bright Chrome	SUS 316
Key Locking	1301-10-20	1301-10-30	1301-10-316
Non-locking	1301-00-20	1301-00-30	1301-00-316



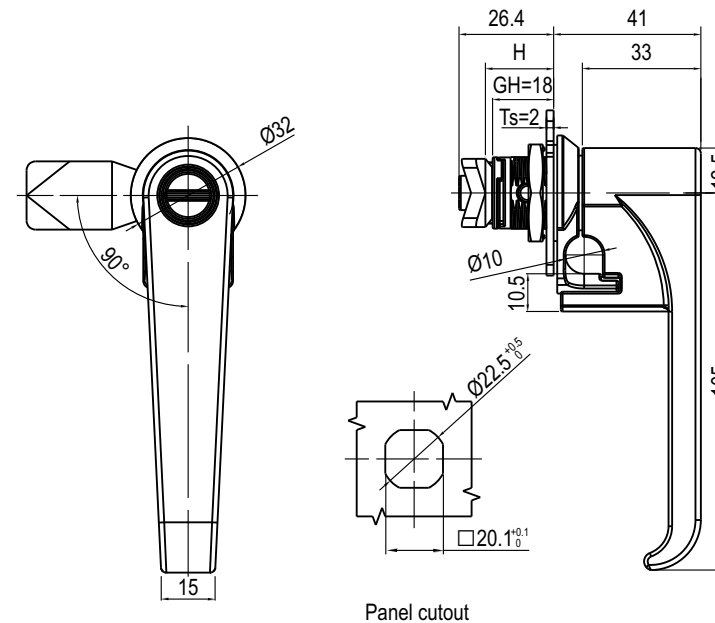
Key locking

Door Panel Ts=1-20mm

Panel cutout

Zinc die handle and housing black powder coated or bright chrome; zinc plated cam.

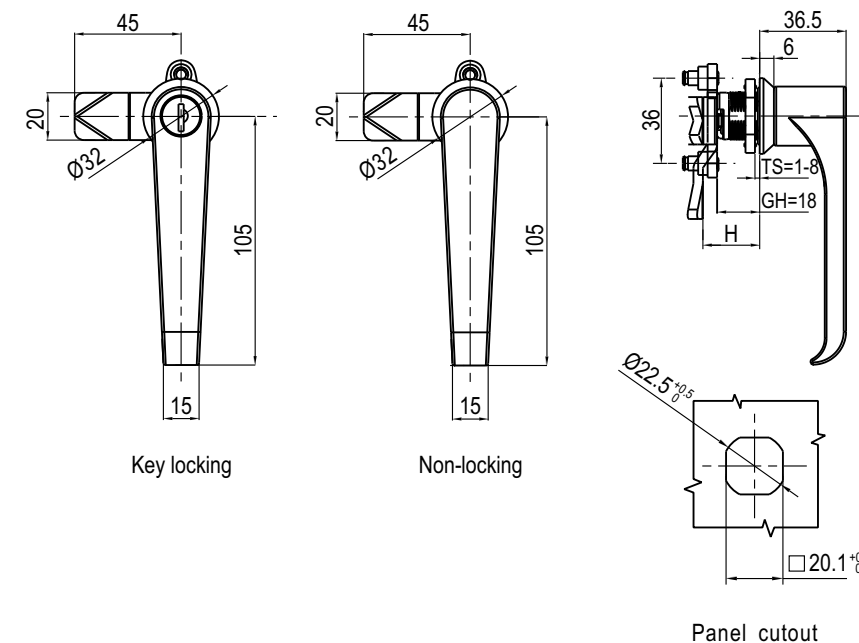
	GH=30		GH=50	
Insert type	Bright Chrome	Black Textured Powder Coated	Bright Chrome	Black Textured Powder Coated
Key Locking	1301-30110-30	1301-30110-20	1301-50110-30	1301-50110-20
Non-locking	1301-30100-30	1301-30100-20	1301-50100-30	1301-50100-20

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SERIES RL IP65**Accessories ref. to page #**
1. CAM ref. to page 9A-001**Remark**
1. Key different on request.
2. CH751 key code on request
3. Insert is without spring loadedS
STAINLESS
SERIES RL IP65**Accessories ref. to page #**
1. CAM ref. to page 9A-001**Remark**
1. Key different on request.
2. CH751 key code on request

Panel cutout

Zinc die housing and handle; m.s. zinc plated cam.

	Black Textured Powder Coated	Textured Chrome Plated
Key Locking	1310-10-20	1310-10-79
Non-locking	1310-00-20	1310-00-79
2X4 Slot coin proof insert	1310-124-20	1310-124-79



Key locking

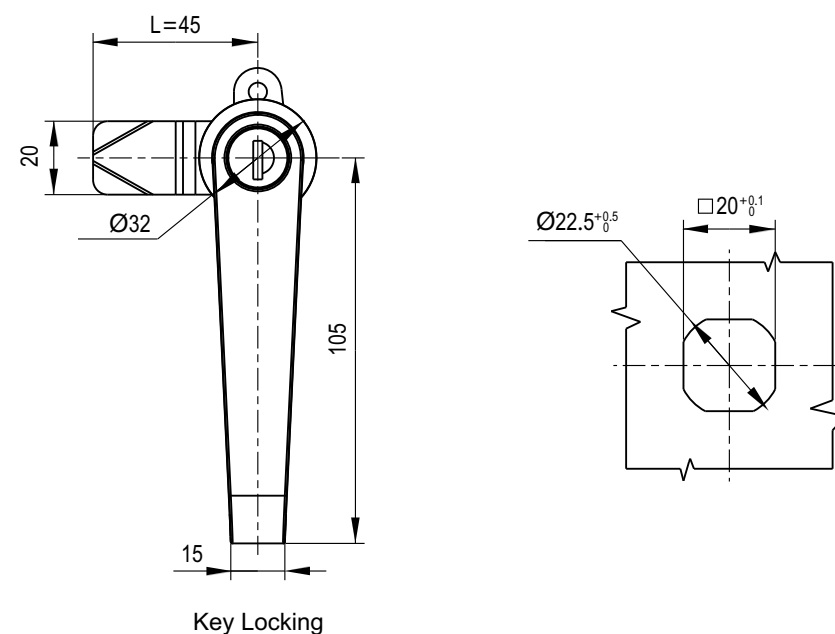
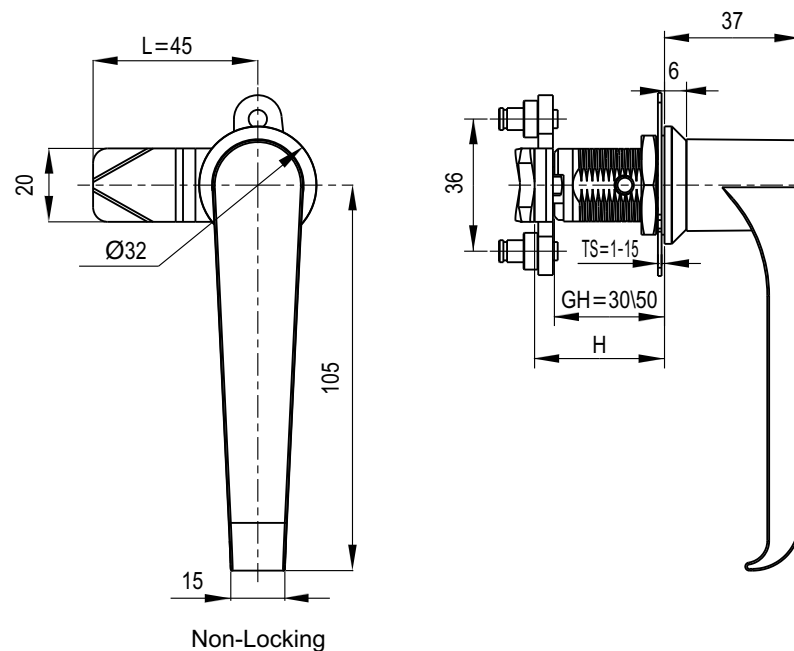
Non-locking

Panel cutout

Zinc die cast handle and housing black powder coated or bright chrome; m.s. zinc plated cam

	Black Textured Powder Coated	Bright Chrome	SUS 316
Key Locking	1311-10-20	1311-10-30	1311-10-316
Non-Locking	1311-00-20	1311-00-30	1311-00-316

S STAINLESS SERIES **RL** **IP65** **NEW**



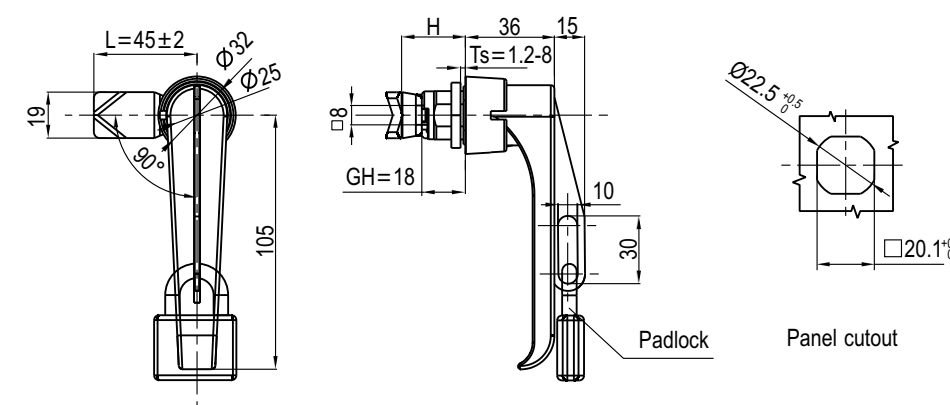
Zinc die cast handle and housing black powder coated or bright chrome; m.s.zinc plated cam

Insert type	GH=30		GH=50	
	Bright Chrome	Black Textured Powder Coated	Bright Chrome	Black Textured Powder Coated
Key Locking	1311-30110-30	1311-30110-20	1311-50110-30	1311-50110-20
Non-locking	1311-30100-30	1311-30100-20	1311-50100-30	1311-50100-20

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1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

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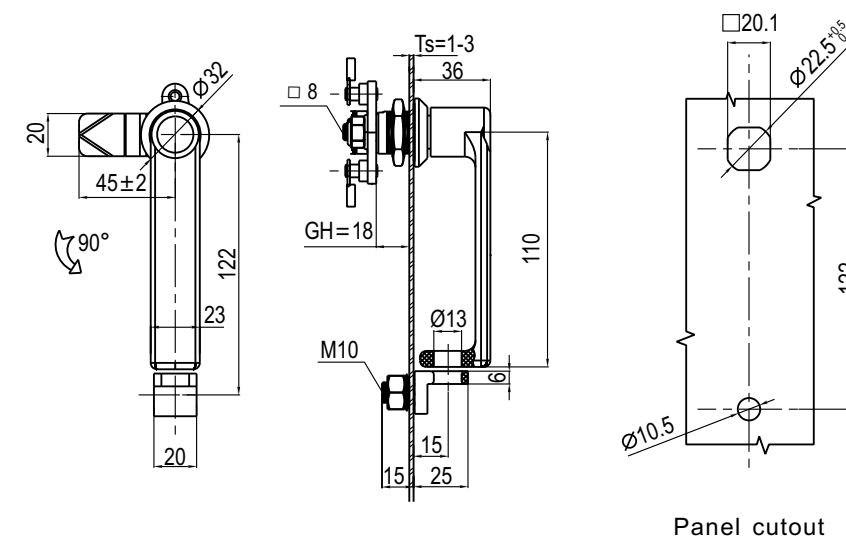
Zinc die cast handle and housing; m.s.zinc plated cam ; stainless steel padlock device.

Black Textured Powder Coated	Bright Chrome
1312-10-20	1312-10-30



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RL



Zinc die housing and handle black powder coated or bright chrome, m.s. zinc plated cam

Black Textured Powder Coated	Bright Chrome	SUS 316
1324-10-20	1324-10-30	1324-10-316

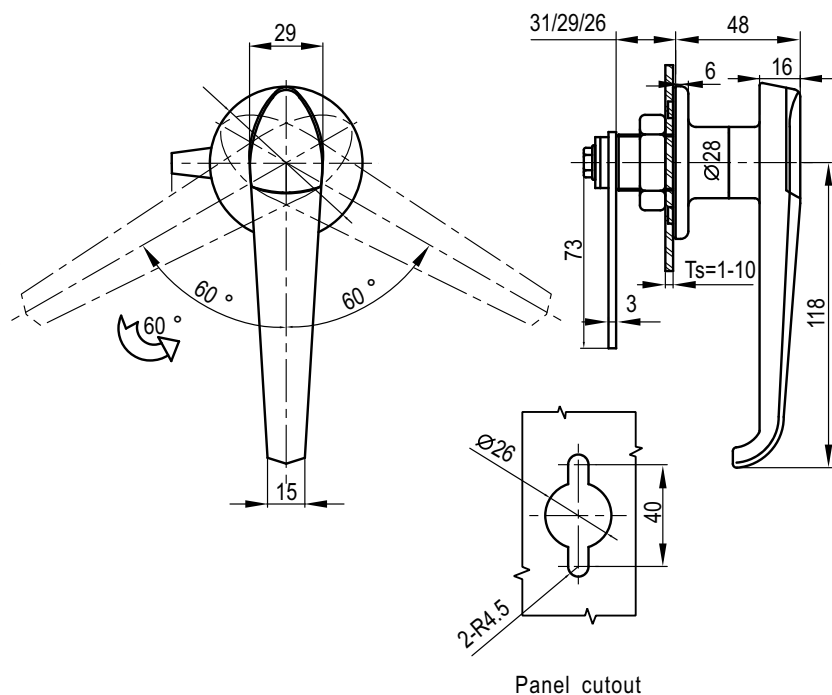


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1. Cam ref. to page 9A-001

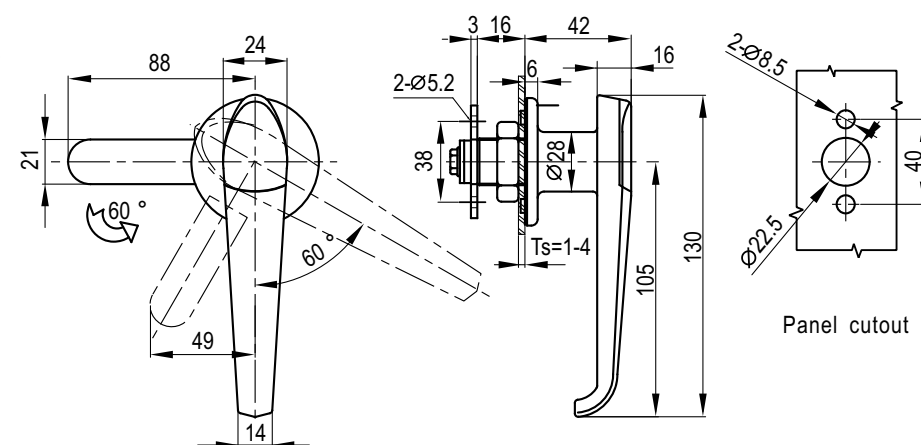
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Large size

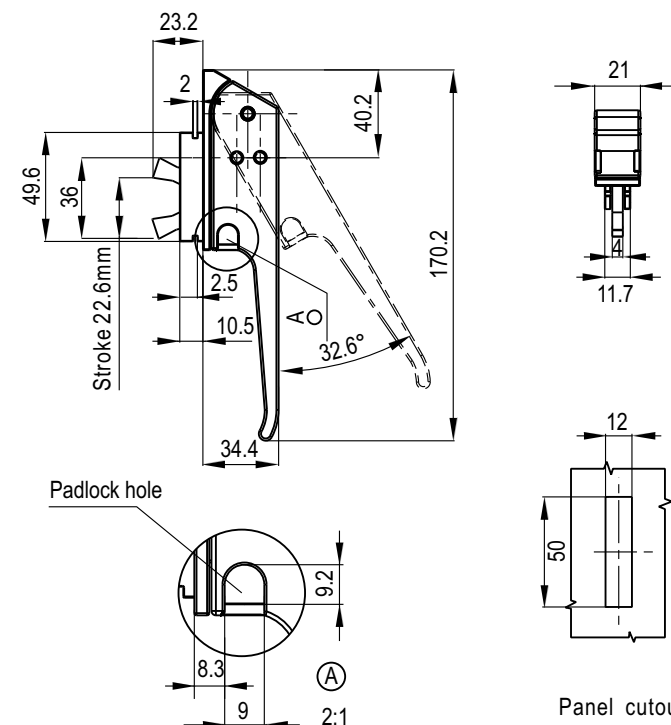


Middle size



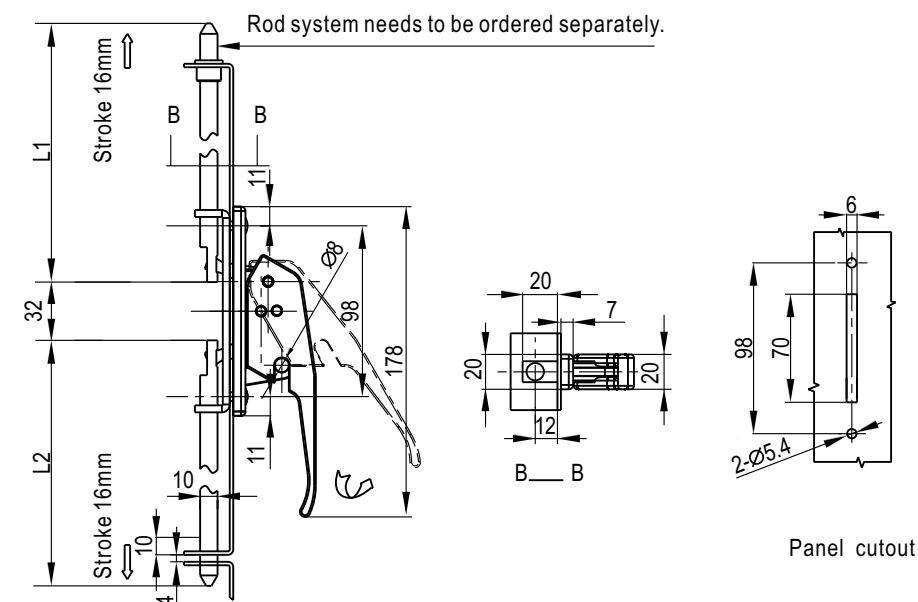
Zinc die handle, housing and cylinder; m.s. zinc plated cam and fixing parts.

	Bright Chrome
Large size	1316-01-30
Middle size	1316-02-30



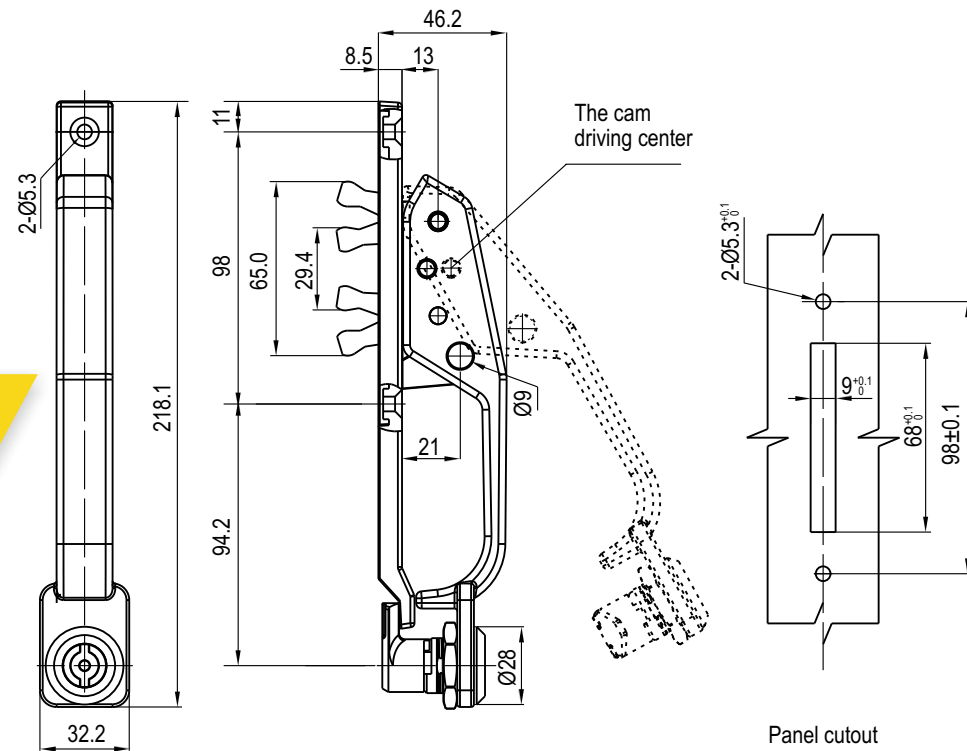
Zinc die housing and handle , black powder coated ; m.s. zinc plated cam.

Black Powder Coated	1320-10
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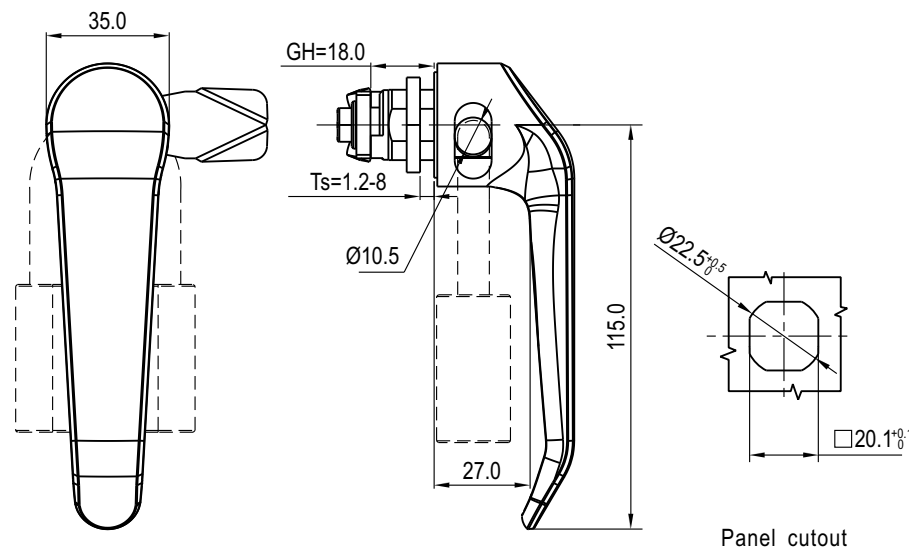
Zinc die housing and handle , black powder coated ; m.s. zinc plated cam.

Black Powder Coated	1321-10
RAL7012 Powder coated RAL7012	1321-24



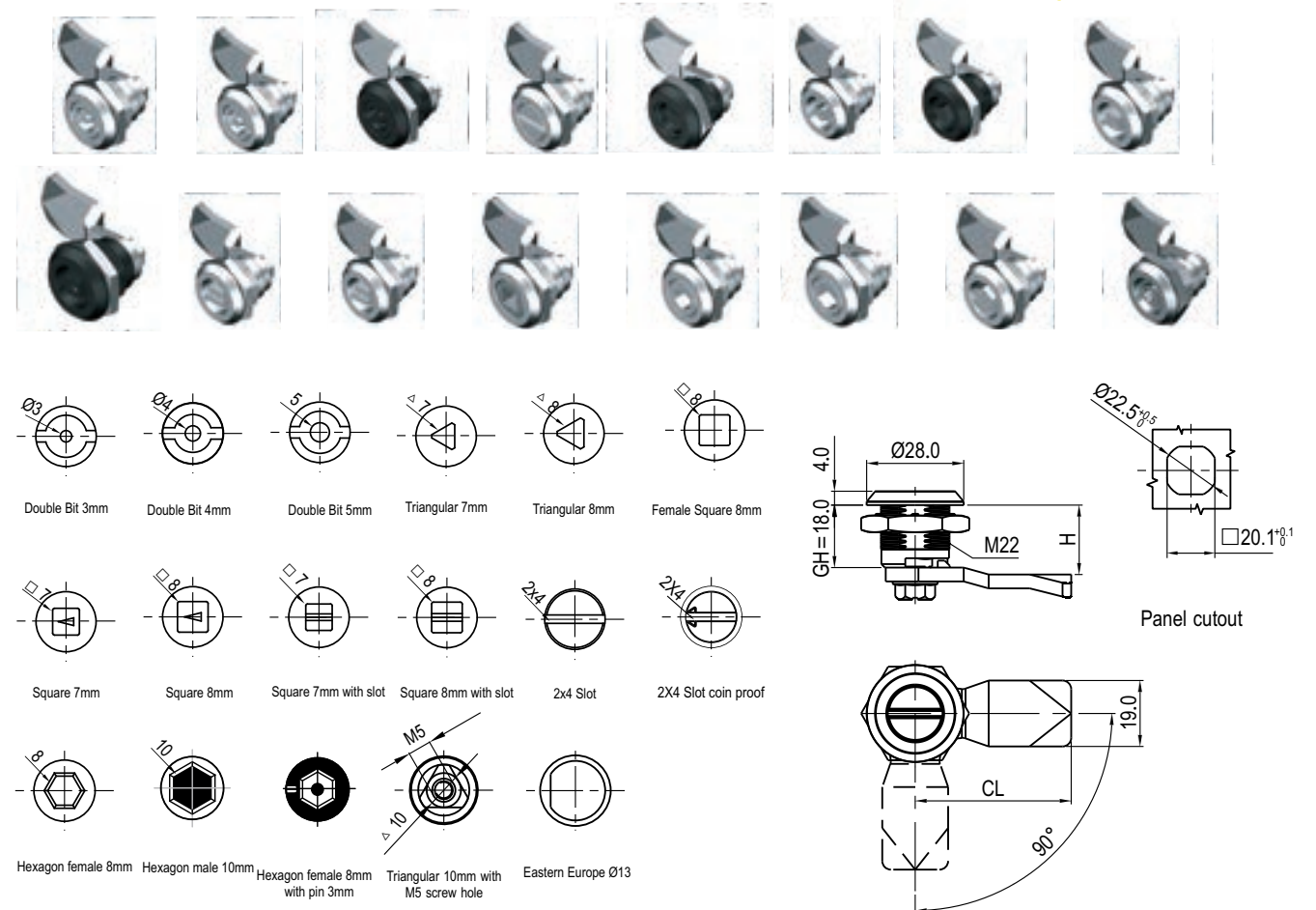
Zinc die housing and handle , black powder coated or E-Coated; m.s. zinc plated cam.

Black Powder Coated	1322-10
RAL7012 Powder coated RAL7012	1322-24



Zinc die handle and housing, black powder coated or bright chrome, m.s. zinc plated cam or full stainless steel.

Black Textured Powder Coated	SUS 316
1325-00-20	1325-00-316



Insert type	Zinc die casting or Stainless Steel				
	Bright Chrome	Black Textured Powder Coated	PA	PA Housing+Zinc Die Insert	SUS 316
Double Bit 3mm	1401-013-30	1401-013-20		1401-013-20P	1401-013-316
Double Bit 4mm	1401-014-30	1401-014-20		1401-014-20P	1401-014-316
Double Bit 5mm	1401-015-30	1401-015-20	1401-015P-20	1401-015-20P	1401-015-316
2×4 Slot	1401-024-30	1401-024-20	1401-024P-20	1401-024-20P	
2×4 Slot coin proof	1401-124-30	1401-124-20		1401-124-20P	
Triangular 7mm	1401-037-30	1401-037-20		1401-037-20P	1401-037-316
Triangular 8mm	1401-038-30	1401-038-20		1401-038-20P	1401-038-316
Square 6mm	1401-046-30	1401-046-20		1401-046-20P	
Square 7mm	1401-047-30	1401-047-20		1401-047-20P	1401-047-316
Square 8mm	1401-048-30	1401-048-20		1401-048-20P	1401-048-316
Square 7mm with slot	1401-147-30	1401-147-20		1401-147-20P	
Square 8mm with slot	1401-148-30	1401-148-20		1401-148-20P	
Female square 8mm	1401-248-30	1401-248-20		1401-248-20P	
Hexagon female 8mm	1401-168-30	1401-168-20		1401-168-20P	
Hexagon female 9mm	1401-169-30	1401-169-20		1401-169-20P	
Hexagon female 10mm	1401-160-30	1401-160-20		1401-160-20P	
Hexagon female 8mm with 3mm pin	1401-268-30	1401-268-20		1401-268-20P	
Hexagon male 10mm	1401-360-30	1401-360-20		1401-360-20P	
Eastern Europe Ø13	1401-135-30	1401-135-20		1401-135-20P	
Triangular 10mm with M5 screw hole	1401-105-30	1401-105-20		1401-105-20P	

SUS 316
RL IP65

Accessories ref. to page #
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SERIES **RL IP65**



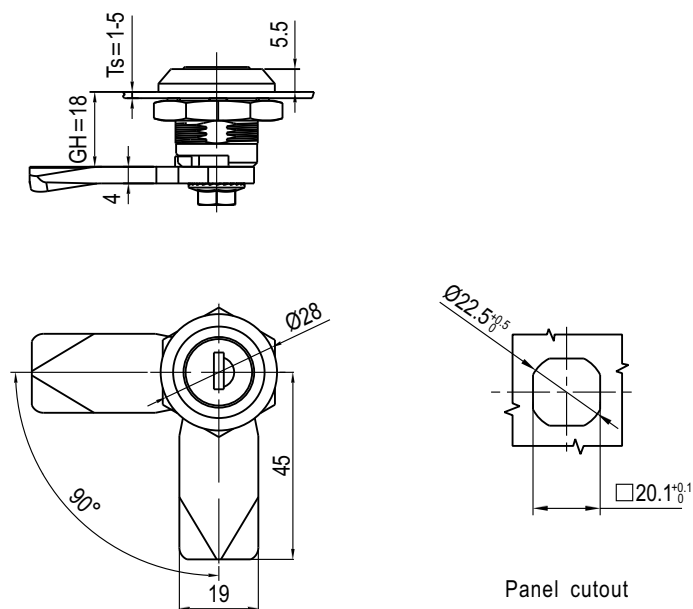
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1. CAM ref. to page 9A-001

Remark
1. Key different on request.
2. CH751 key code on request

RL IP65



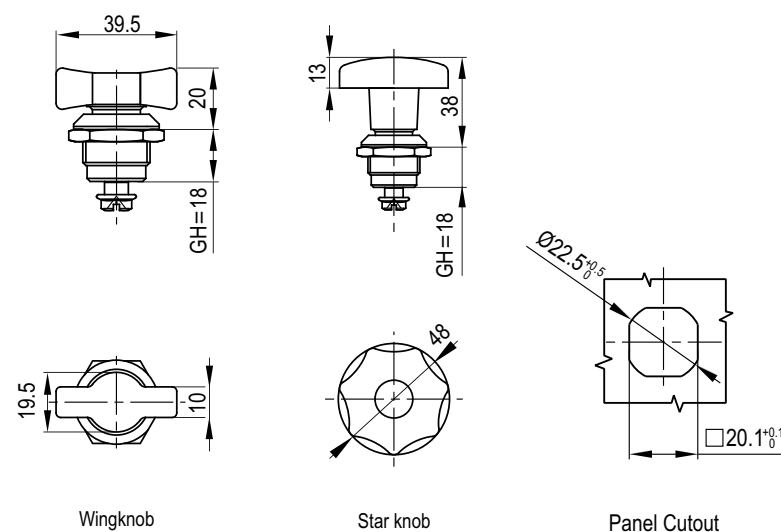
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Panel cutout

Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

Insert type	Zinc die casting		
	Bright Chrome	Black Textured Powder Coated	PA
Alike YK333	1401-18-30	1401-18-20	1401-18-PA



Wingknob

Star knob

Panel Cutout

Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

Insert type	Zinc die casting	
	Bright Chrome	Black Textured Powder Coated
Wingknob	1401-170-30	1401-170-20
Star knob	1401-180-30	1401-180-20

RL IP65



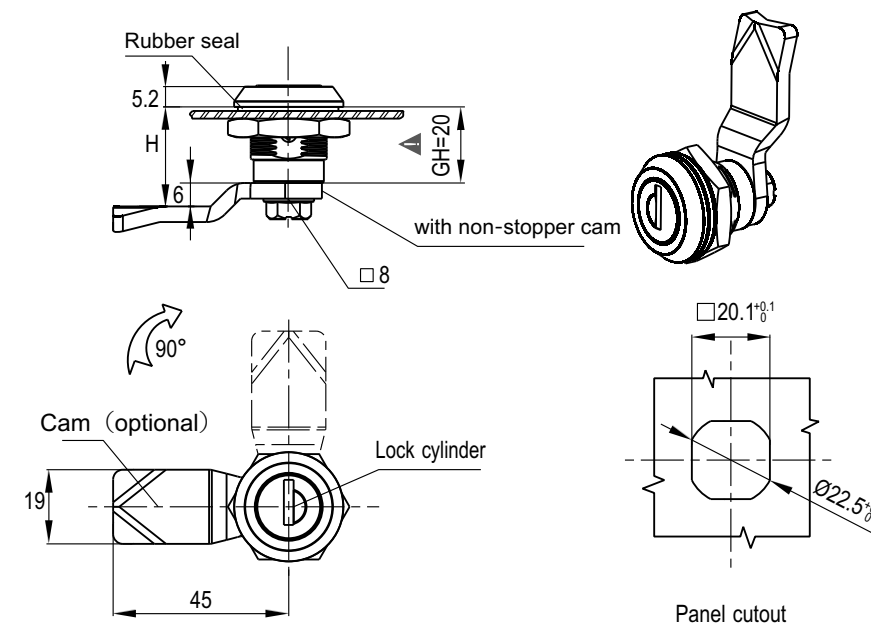
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1. CAM ref. to page 9A-001

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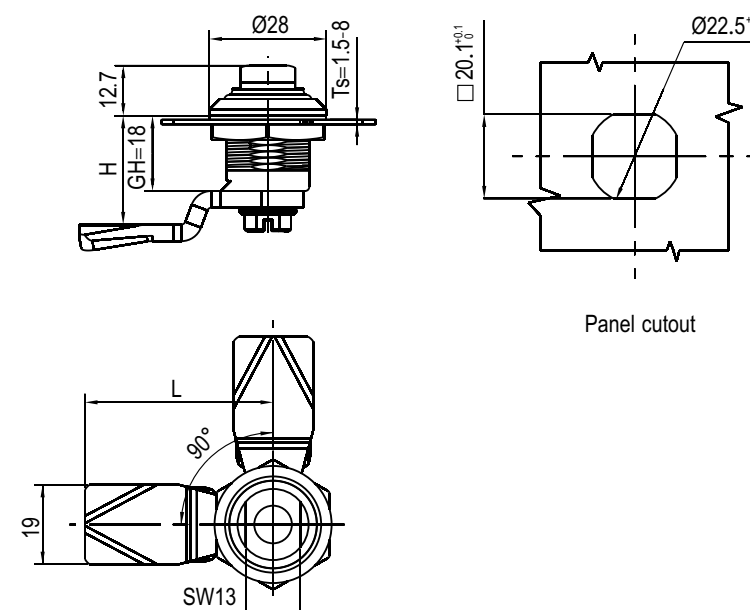
Accessories ref. to page #
1. CAM ref. to page 9A-001



Panel cutout

Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

Insert type	Bright Chrome	Black Textured Powder Coated
Black Textured Powder Coated	1401-20-20	1401-20-20B
Bright Chrome	1401-20-30	1401-20-30B



Panel cutout

SUS316L housing, insert, sus304 cam

Insert type	Bright Chrome	Black Textured Powder Coated
SUS 316L	1401-30-316L	

RL IP65

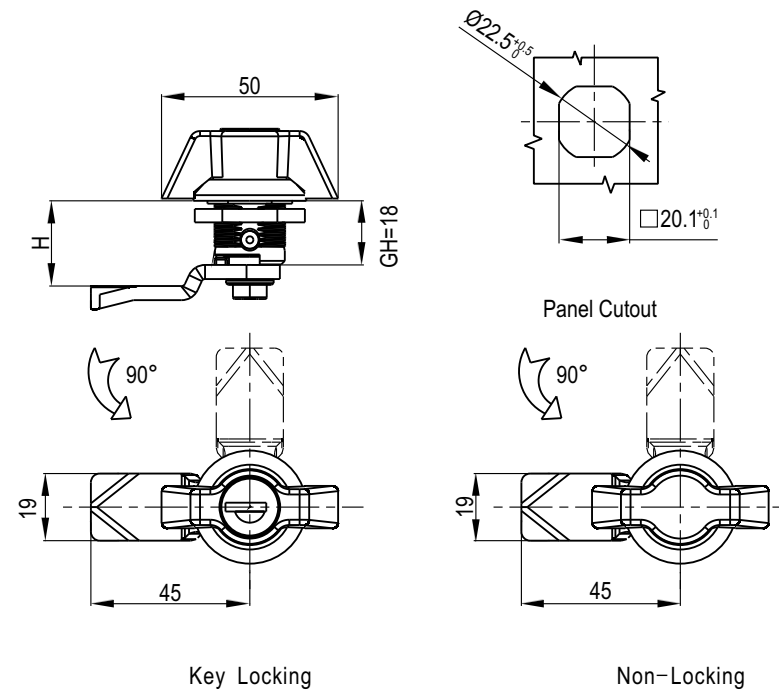


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1. CAM ref. to page 9A-001

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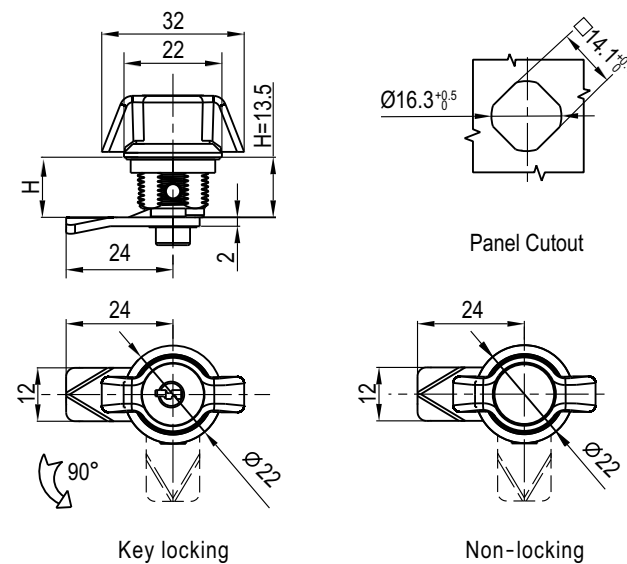


Remark
Key code:2233



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

	Bright Chrome	Black Textured Powder Coated	SUS 316
Key locking	1402-110-30	1402-110-20	1402-110-316
Non-locking	1402-100-30	1402-100-20	1402-100-316



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

	H	Black Textured Powder Coated	Bright Chrome
Non-locking	H=7.5	1402-300-20.107.5	1402-300-30.107.5
	H=13.5	1402-300-20.1013.5	1402-300-30.1013.5
	H=19.5	1402-300-20.1019.5	1402-300-30.1019.5
Key locking	H=7.5	1402-310-20.107.5	1402-310-30.107.5
	H=13.5	1402-310-20.1013.5	1402-310-30.1013.5
	H=19.5	1402-310-20.1019.5	1402-310-30.1019.5

RL IP65

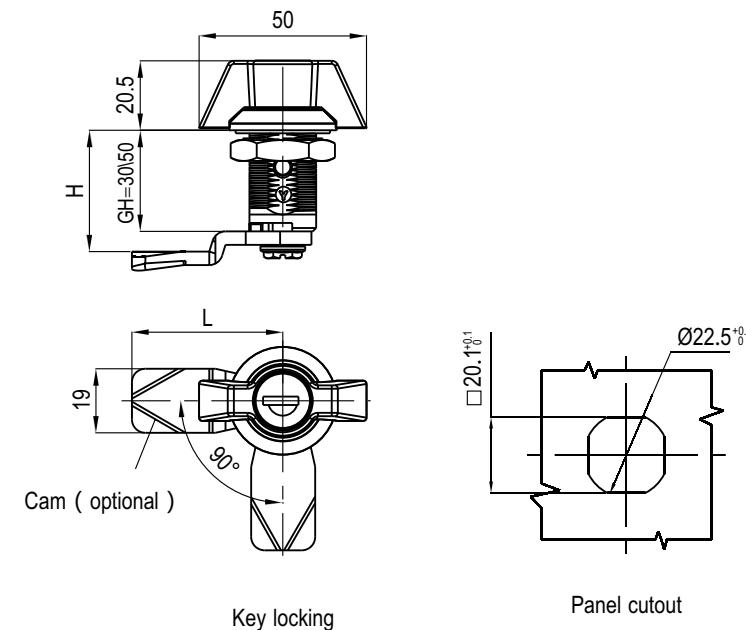
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1. CAM ref. to page 9A-001

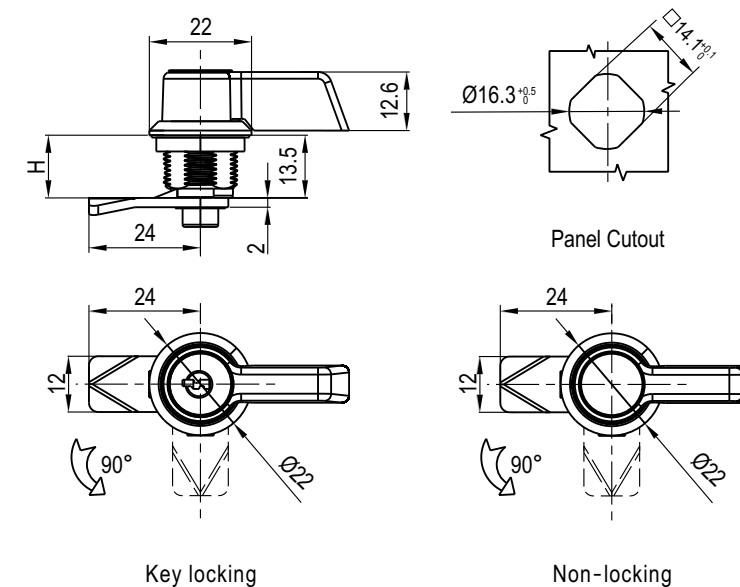


Remark
Key code:2233



Zinc die handle and housing black powder coated or bright chrome; zinc plated cam.

	GH=30		GH=50	
Insert type	Bright Chrome	Black Textured Powder Coated	Bright Chrome	Black Textured Powder Coated
Key Locking	1402-30110-30	1402-30110-20	1402-50110-30	1402-50110-20
Non-locking	1402-30100-30	1402-30100-20	1402-50100-30	1402-50100-20



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

	H	Black Textured Powder Coated	Bright Chrome
Non-locking	H=7.5	1402-400-20.107.5	1402-400-30.107.5
	H=13.5	1402-400-20.1013.5	1402-400-30.1013.5
	H=19.5	1402-400-20.1019.5	1402-400-30.1019.5
Key locking	H=7.5	1402-410-20.107.5	1402-410-30.107.5
	H=13.5	1402-410-20.1013.5	1402-410-30.1013.5
	H=19.5	1402-410-20.1019.5	1402-410-30.1019.5

RL IP65



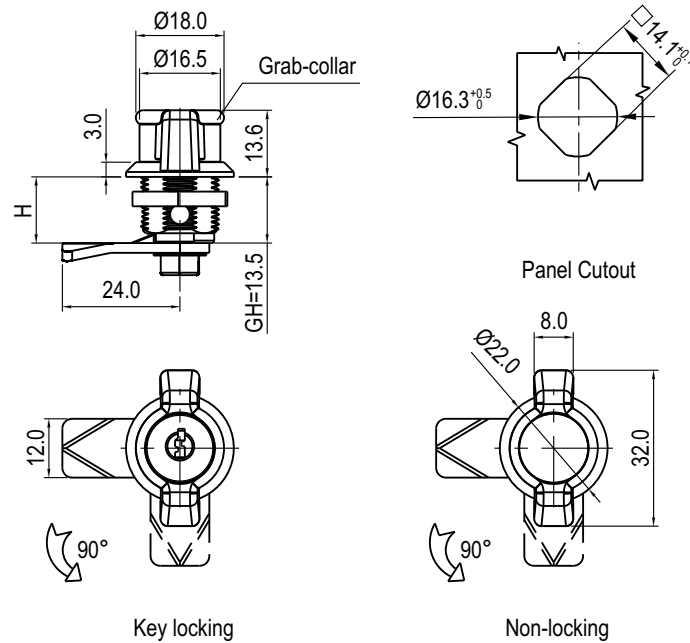
Remark
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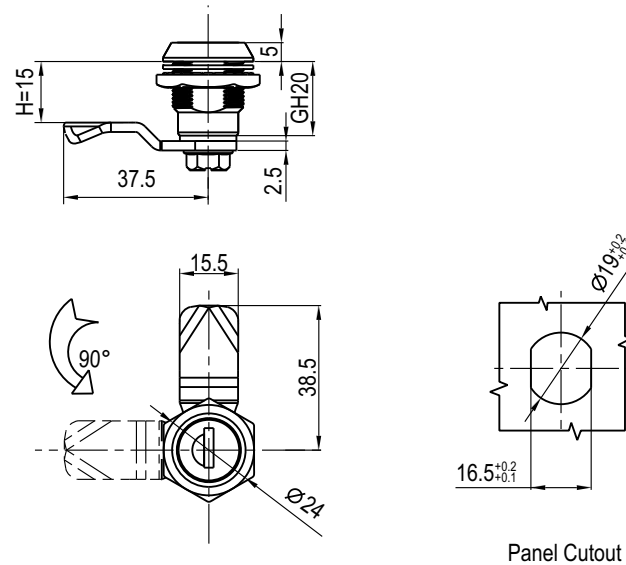
Accessories ref. to page #
1. CAM ref. to page 9A-001

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1. Key different on request.
2. CH751 key code on request



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam.

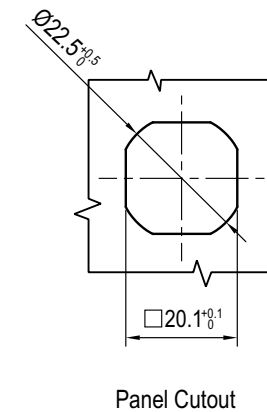
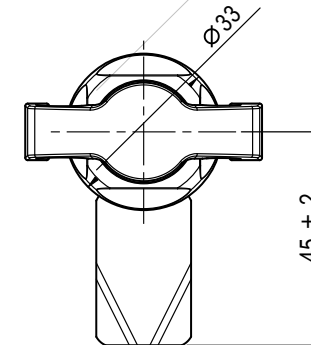
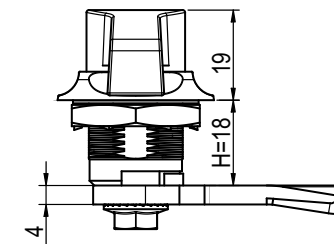
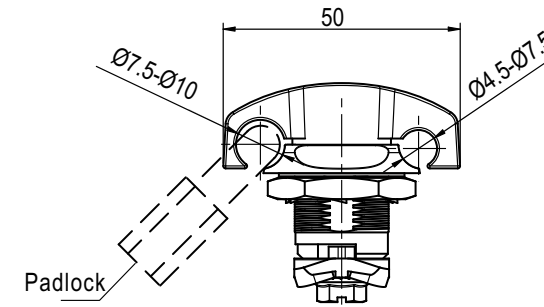
	H	Black Textured Powder Coated	Bright Chrome
Non-locking	H=7.5	1402-500-20.107.5	1402-500-30.107.5
	H=13.5	1402-500-20.1013.5	1402-500-30.1013.5
	H=19.5	1402-500-20.1019.5	1402-500-30.1019.5
Key locking	H=7.5	1402-510-20.107.5	1402-510-30.107.5
	H=13.5	1402-510-20.1013.5	1402-510-30.1013.5
	H=19.5	1402-510-20.1019.5	1402-510-30.1019.5



Zinc die,black powder coated or bright chrome; m.s. zinc plated cam.

Black Textured Powder Coated	1403-20-20
Bright Chrome	1403-20-30

RL IP65



Zinc die handle and housing,black powder coated or bright chrome,m.s. zinc plated cam or full stainless steel.

Black textured powder coated	1406-110-20
Bright chrome	1406-110-30
Stainless steel 316	1406-110-316

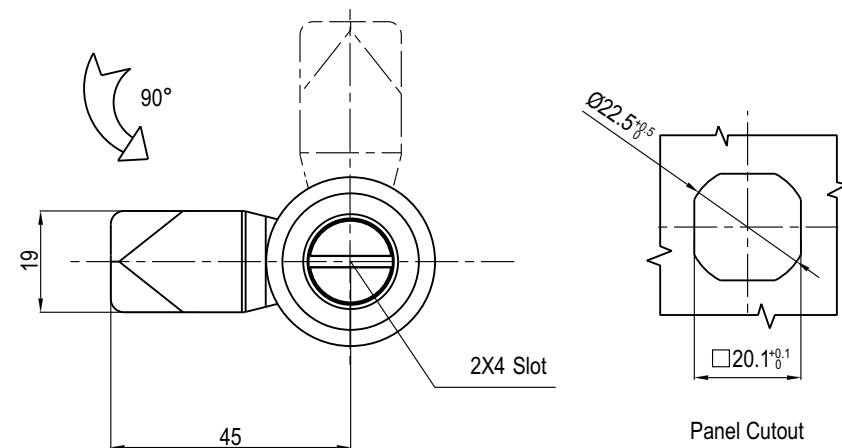
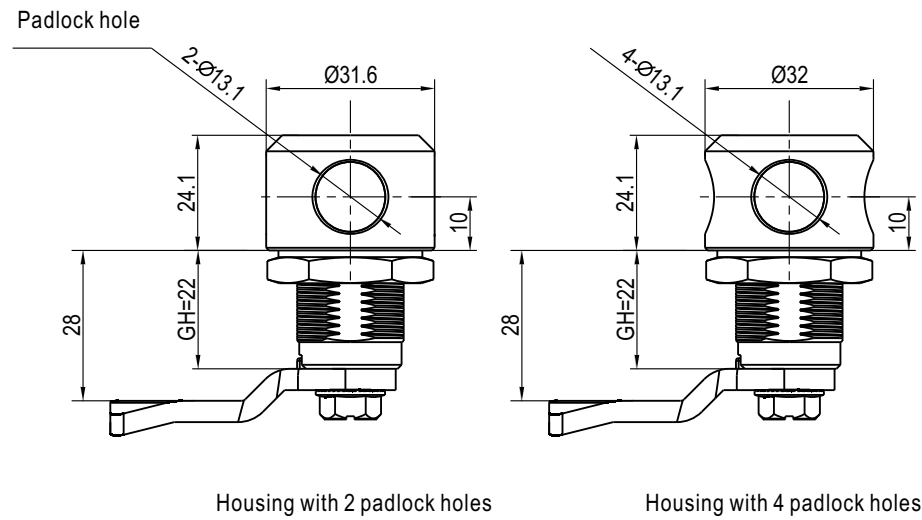
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Zinc die housing and cylinder ; black textured powder coated or bright chrome,m.s. zinc plated cam.

	Housing with 2 padlock holes			Housing with 4 padlock holes		
Insert type	GH=18 Zinc die, black textured powder coated	GH=22, Zinc die, black textured powder coated	GH=22,Full stainless steel	GH=18 Zinc die, black textured powder coated	GH=22, Zinc die, black textured powder coated	GH=22,Full stainless steel
Double Bit 3mm	1407-180132H-20	1407-220132H-20	1407-220132H-304	1407-180134H-20	1407-220134H-20	1407-220134H-304
Double Bit 4mm	1407-180142H-20	1407-220142H-20	1407-220142H-304	1407-180144H-20	1407-220144H-20	1407-220144H-304
Double Bit 5mm	1407-180152H-20	1407-220152H-20	1407-220152H-304	1407-180154H-20	1407-220154H-20	1407-220154H-304
2x4 Slot	1407-180242H-20	1407-220242H-20	1407-220242H-304	1407-180244H-20	1407-220244H-20	1407-220244H-304
Triangular 7mm	1407-180372H-20	1407-220372H-20	1407-220372H-304	1407-180374H-20	1407-220374H-20	1407-220374H-304
Triangular 8mm	1407-180382H-20	1407-220382H-20	1407-220382H-304	1407-180384H-20	1407-220384H-20	1407-220384H-304
Square 7mm	1407-180472H-20	1407-220472H-20	1407-220472H-304	1407-180474H-20	1407-220474H-20	1407-220474H-304
Square 8mm	1407-180482H-20	1407-220482H-20	1407-220482H-304	1407-180484H-20	1407-220484H-20	1407-220484H-304

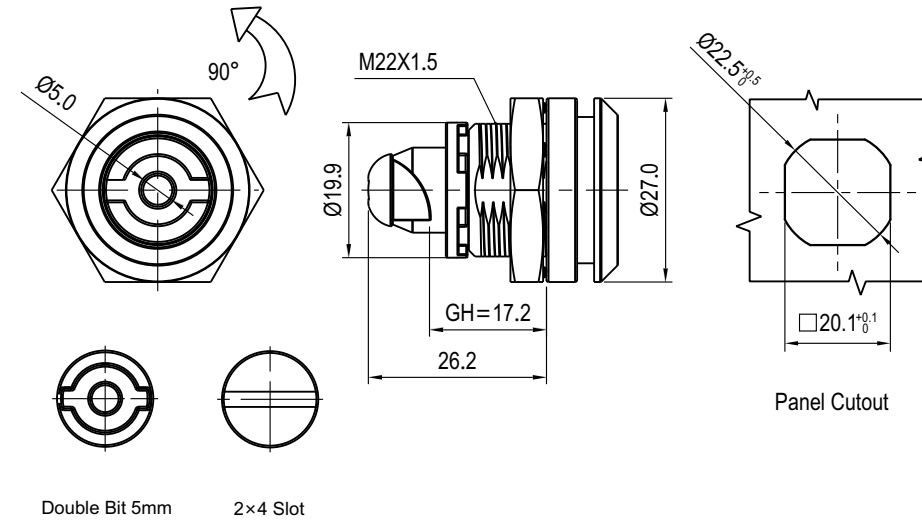
RL IP65



RL IP65

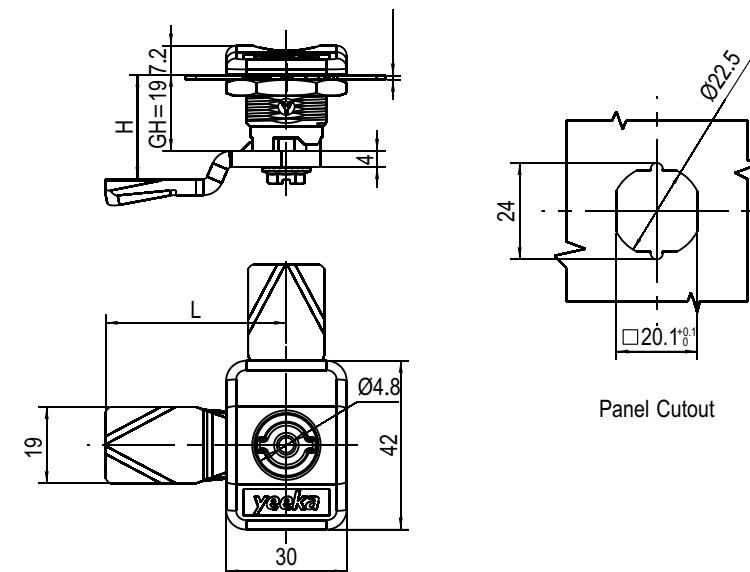


Accessories ref. to page #
1. CAM ref. to page 9A-001



Zinc die, black E-coated.

	Double Bit 5mm	2x4 Slot
Black E-coated	1410-015-50	1410-024-50



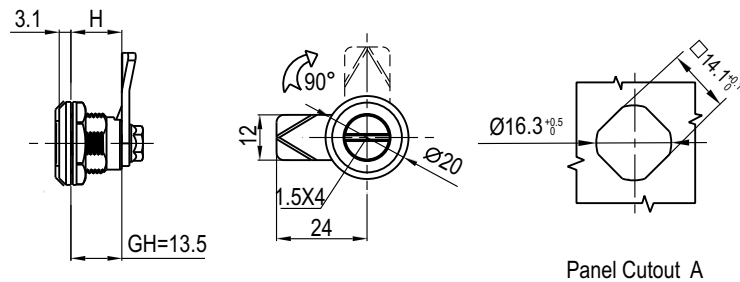
Zinc die handle and housing black powder coated or bright chrome;M.S. zinc plated cam.

	Zinc	PA Housing+Zinc Die Insert
Black Powder Coated	1428-015-10	1428-015-20P

RL IP65

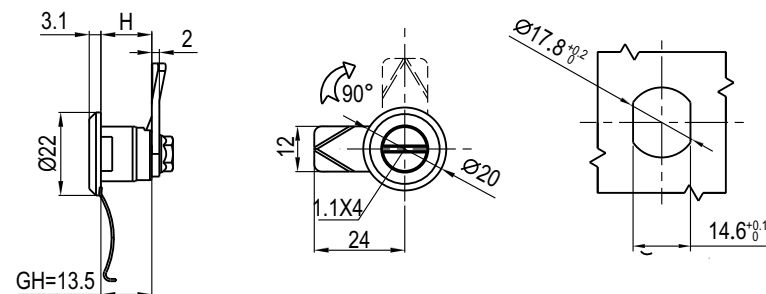


With Nut Mounting

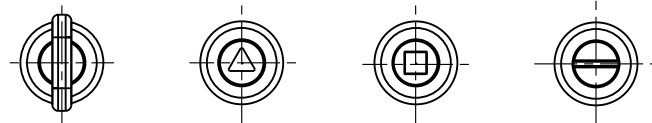


Panel Cutout A

Spring Fixing Plate



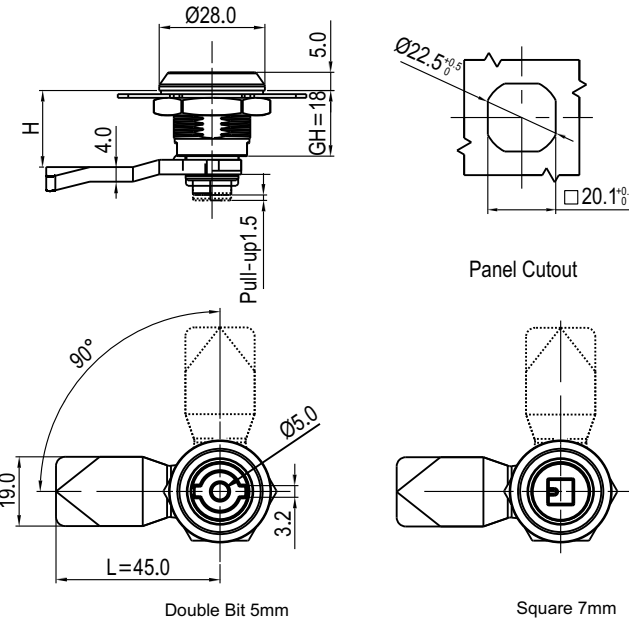
Panel Cutout B



Zinc die body, black textured powder coated or bright chrome, m.s. zinc plated cam.

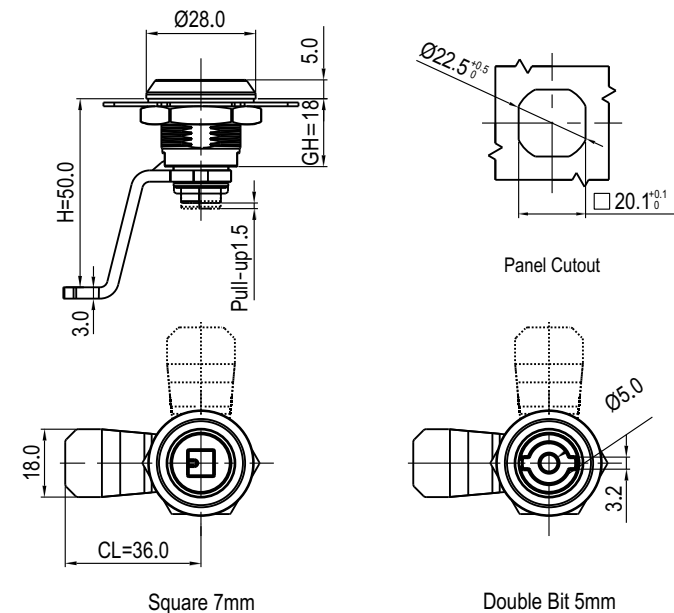
Cylinder Style	Cam Style H	With Nut Mounting			Spring Fixing Plate		
		Zinc die		SUS 316	Zinc die		SUS 316
		Finish			Finish		
		Bright Chrome	Black Textured Powder Coated		Bright Chrome	Black Textured Powder Coated	
Square 6mm	H=7.5	1412-046-130.107.5	1412-046-120.107.5	1412-046-1316.107.5	1412-046-230.107.5	1412-046-220.107.5	1412-046-2316.107.5
	H=13.5	1412-046-130.1013.5	1412-046-120.1013.5	1412-046-1316.1013.5	1412-046-230.1013.5	1412-046-220.1013.5	1412-046-2316.1013.5
	H=19.5	1412-046-130.1019.5	1412-046-120.1019.5	1412-046-1316.1019.5	1412-046-230.1019.5	1412-046-220.1019.5	1412-046-2316.1019.5
Triangular 6.5mm	H=7.5	1412-036-130.107.5	1412-036-120.107.5	1412-036-1316.107.5	1412-036-230.107.5	1412-036-220.107.5	1412-036-2316.107.5
	H=13.5	1412-036-130.1013.5	1412-036-120.1013.5	1412-036-1316.1013.5	1412-036-230.1013.5	1412-036-220.1013.5	1412-036-2316.1013.5
	H=19.5	1412-036-130.1019.5	1412-036-120.1019.5	1412-036-1316.1019.5	1412-036-230.1019.5	1412-036-220.1019.5	1412-036-2316.1019.5
Slot 1.5mm	H=7.5	1412-024-130.107.5	1412-024-120.107.5	1412-024-1316.107.5	1412-024-230.107.5	1412-024-220.107.5	1412-024-2316.107.5
	H=13.5	1412-024-130.1013.5	1412-024-120.1013.5	1412-024-1316.1013.5	1412-024-230.1013.5	1412-024-220.1013.5	1412-024-2316.1013.5
	H=19.5	1412-024-130.1019.5	1412-024-120.1019.5	1412-024-1316.1019.5	1412-024-230.1019.5	1412-024-220.1019.5	1412-024-2316.1019.5
Handle type	H=7.5	1412-110-130.107.5	1412-110-120.107.5	1412-110-1316.107.5	1412-110-230.107.5	1412-110-220.107.5	1412-110-2316.107.5
	H=13.5	1412-110-130.1013.5	1412-110-120.1013.5	1412-110-1316.1013.5	1412-110-230.1013.5	1412-110-220.1013.5	1412-110-2316.1013.5
	H=19.5	1412-110-130.1019.5	1412-110-120.1019.5	1412-110-1316.1019.5	1412-110-230.1019.5	1412-110-220.1019.5	1412-110-2316.1019.5

RL IP65

**Accessories ref. page#**
1. Cam ref. to page 9A-001**Remark:**
innerspring, O-ring,
Pull-up 1.5mm**Remark:**
Innerspring, O-ring,
Pull-up 1.5mm

Zinc die body, black textured powder coated or bright chrome, m.s. zinc plated cam.

	Zinc die		SUS 316
Cylinder Style	Black Powder Coated	Bright Chrome	
Double Bit 5mm	1413-015-20	1413-015-30	
Square 7mm	1413-047-20	1413-047-30	
2X4 Slot			1413-024-316



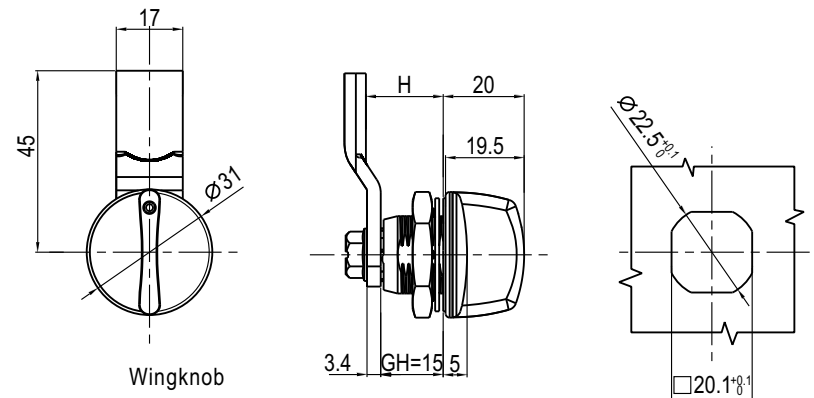
Zinc die body, powder coated, m.s. zinc plated cam.

	Powder Coated RAL7016	
Cylinder Style	S01: CL=30, H=16	S02: CL=36, H=50
Double Bit 5mm	1413-015-21.S01	1413-015-21.S02
Square 7mm	1413-047-21.S01	1413-047-21.S02

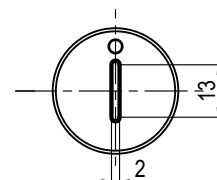
RL IP65



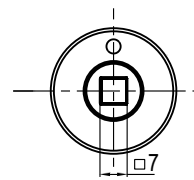
Accessories ref. to page #
1. CAM ref. to page 9A-002



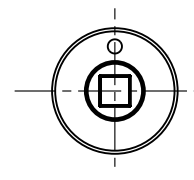
Panel cutout



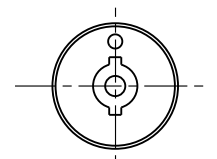
Slot 2X13mm



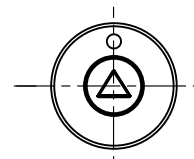
Square 7mm



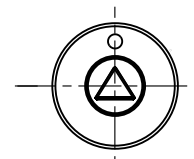
Square 8mm



Double bit 5mm



Triangular 7mm



Triangular 8mm

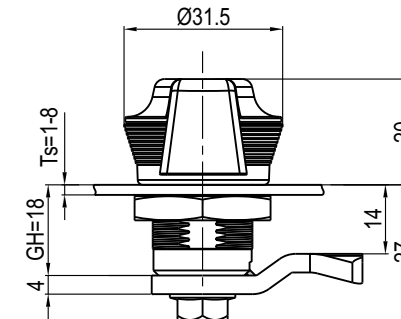
Zinc die black textured powder coated or bright chrome, m.s. zinc plated cam.

Insert Type	Black Textured Powder coated	Textured chrome plated
Short wingknob	1415-010-20	1415-010-79
Tall wingknob	1415-110-20	1415-110-79
2X4 slot	1415-024-20	1415-024-79
Double bit 5mm	1415-015-20	1415-015-79
Triangular 7mm	1415-037-20	1415-037-79
Triangular 8mm	1415-038-20	1415-038-79
Square 7mm	1415-047-20	1415-047-79
Square 8mm	1415-048-20	1415-048-79

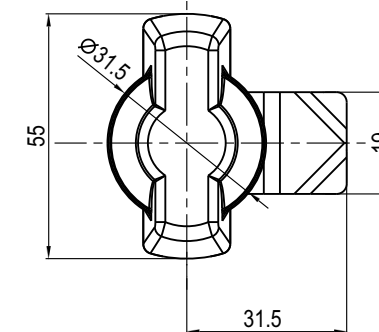
RL



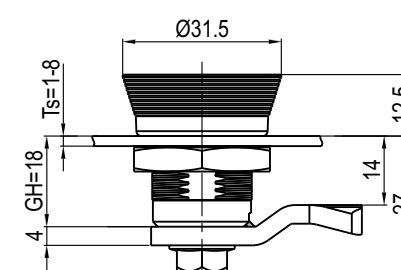
Handle knob



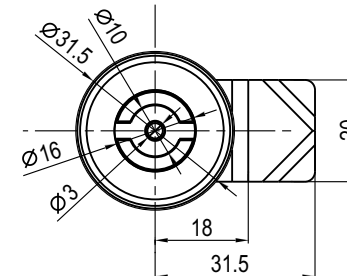
Panel cutout



Double bit 3mm



Panel cutout

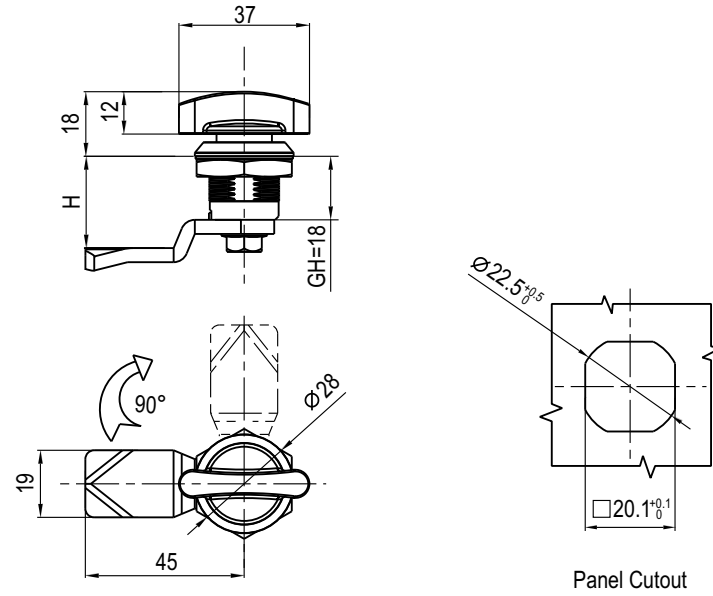


Zinc die powder coated , m.s. zinc plated cam

	Bule green	Black Textured Powder Coated
Double bit 3mm	1416-110-60	1416-110-20
Handle type	1416-100-60	1416-100-20

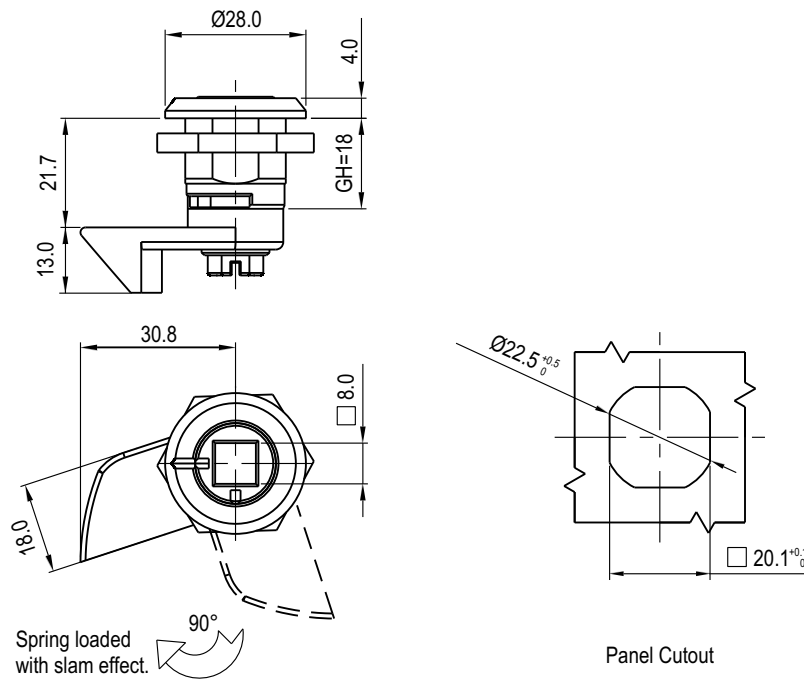
Accessories ref. page#
1. Cam ref. to page 9A-001

RL



Zinc die, black powder coated or bright chrome, m.s. zinc plated cam.

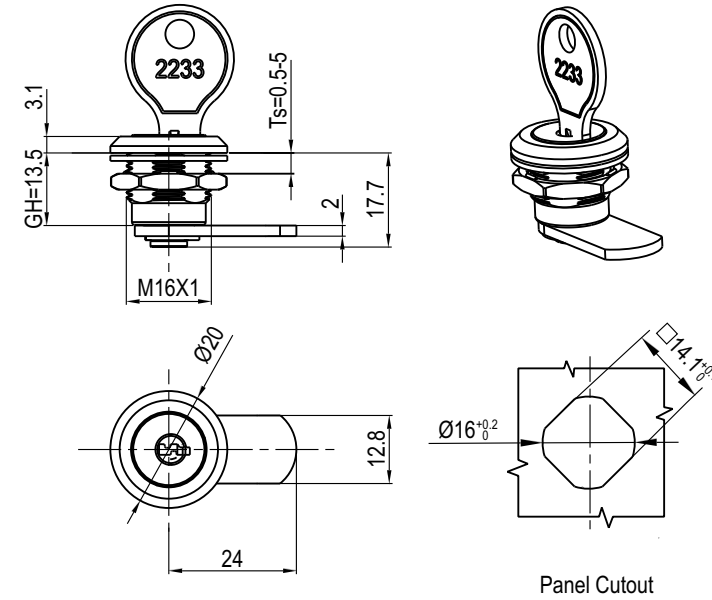
Black Powder Coated	Bright Chrome
1417-110-10	1417-110-30



SUS316 slam cam, spacer, screw

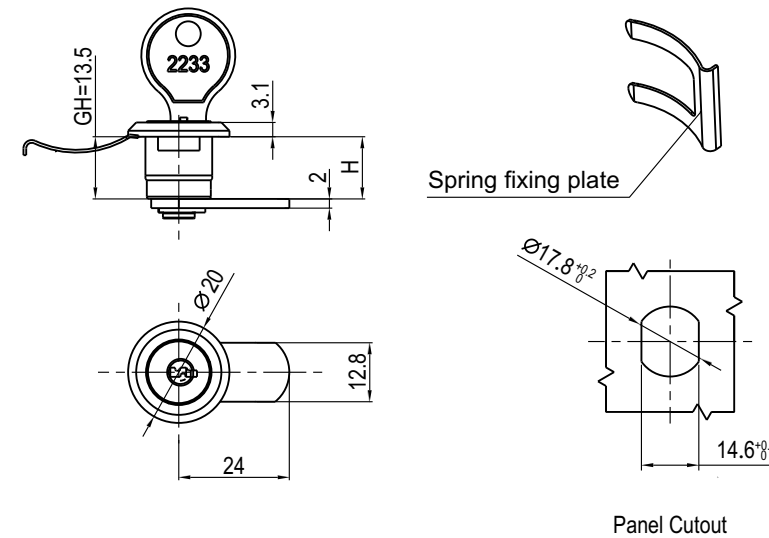
	SUS 316	
Cylinder Style	Left	Right
Square Female 8mm	1419-248-316L	1419-248-316R

RL



Zinc die, black powder coated or bright chrome, m.s. zinc plated cam.

Cam Style H	With nut mounting	
	Black Textured Powder Coated	Bright Chrome
H=7.5	1418-1-20.117.5	1418-1-30.117.5
H=13.5	1418-1-20.1113.5	1418-1-30.1113.5
H=19.5	1418-1-20.1119.5	1418-1-30.1119.5



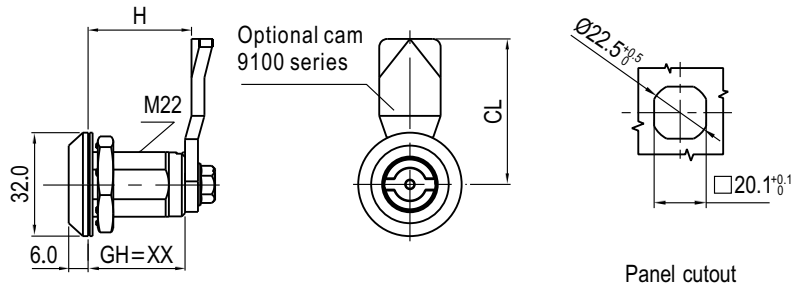
Zinc die, black powder coated or bright chrome, m.s. zinc plated cam.

Cam Style H	Spring fixing plate	
	Black Textured Powder Coated	Bright Chrome
H=7.5	1418-2-20.117.5	1418-2-30.117.5
H=13.5	1418-2-20.1113.5	1418-2-30.1113.5
H=19.5	1418-2-20.1119.5	1418-2-30.1119.5

RL



Remark
Key code: 2233



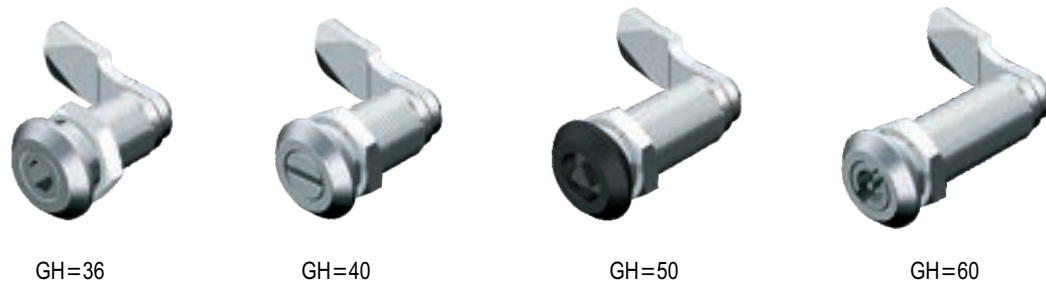
Panel cutout

GH=18

GH=30

Cylinder Style	GH=18 Housing GH=18				GH=30 Housing GH=30			
	Zinc die casting or Stainless Steel				Zinc die casting or Stainless Steel			
	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel
Double Bit 3mm	1420-18013-30	1420-18013-20	1420-18013-20P	1420-18013-316	1420-30013-30	1420-30013-20	1420-30013-20P	1420-30013-316
Double Bit 4mm	1420-18014-30	1420-18014-20	1420-18014-20P	1420-18014-316	1420-30014-30	1420-30014-20	1420-30014-20P	1420-30014-316
Double Bit 5mm	1420-18015-30	1420-18015-20	1420-18015-20P	1420-18015-316	1420-30015-30	1420-30015-20	1420-30015-20P	1420-30015-316
2X4 Slot	1420-18024-30	1420-18024-20	1420-18024-20P	1420-18024-316	1420-30024-30	1420-30024-20	1420-30024-20P	1420-30024-316
2X4 Slot coin proof	1420-18124-30	1420-18124-20	1420-18124-20P	1420-18124-316	1420-30124-30	1420-30124-20	1420-30124-20P	1420-30124-316
Triangular 7mm	1420-18037-30	1420-18037-20	1420-18037-20P	1420-18037-316	1420-30037-30	1420-30037-20	1420-30037-20P	1420-30037-316
Triangular 8mm	1420-18038-30	1420-18038-20	1420-18038-20P	1420-18038-316	1420-30038-30	1420-30038-20	1420-30038-20P	1420-30038-316
Square 7mm	1420-18047-30	1420-18047-20	1420-18047-20P	1420-18047-316	1420-30047-30	1420-30047-20	1420-30047-20P	1420-30047-316
Square 8mm	1420-18048-30	1420-18048-20	1420-18048-20P	1420-18048-316	1420-30048-30	1420-30048-20	1420-30048-20P	1420-30048-316
Square 7mm with slot	1420-18147-30	1420-18147-20	1420-18147-20P	1420-18147-316	1420-30147-30	1420-30147-20	1420-30147-20P	1420-30147-316
Square 8mm with slot	1420-18148-30	1420-18148-20	1420-18148-20P	1420-18148-316	1420-30148-30	1420-30148-20	1420-30148-20P	1420-30148-316
Square female 8mm	1420-18248-30	1420-18248-20	1420-18248-20P	1420-18248-316	1420-30248-30	1420-30248-20	1420-30248-20P	1420-30248-316
Hexagon female 8mm	1420-18168-30	1420-18168-20	1420-18168-20P	1420-18168-316	1420-30168-30	1420-30168-20	1420-30168-20P	1420-30168-316
Hexagon female 9mm	1420-18169-30	1420-18169-20	1420-18169-20P	1420-18169-316	1420-30169-30	1420-30169-20	1420-30169-20P	1420-30169-316
Hexagon female 8mm with 3mm pin	1420-18268-30	1420-18268-20	1420-18268-20P	1420-18268-316	1420-30268-30	1420-30268-20	1420-30268-20P	1420-30268-316
Hexagon male 10mm	1420-18360-30	1420-18360-20	1420-18360-20P	1420-18360-316	1420-30360-30	1420-30360-20	1420-30360-20P	1420-30360-316
Triangular 10mm with M5 screw hole	1420-18105-30	1420-18105-20	1420-18105-20P	1420-18105-316	1420-30105-30	1420-30105-20	1420-30105-20P	1420-30105-316

Cylinder Style	GH=36 Housing GH=36				GH=40 Housing GH=40			
	Zinc die casting or Stainless Steel				Zinc die casting or Stainless Steel			
	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel
Double Bit 3mm	1420-36013-30	1420-36013-20	1420-36013-20P	1420-36013-316	1420-40013-30	1420-40013-20	1420-40013-20P	1420-40013-316
Double Bit 4mm	1420-36014-30	1420-36014-20	1420-36014-20P	1420-36014-316	1420-40014-30	1420-40014-20	1420-40014-20P	1420-40014-316
Double Bit 5mm	1420-36015-30	1420-36015-20	1420-36015-20P	1420-36015-316	1420-40015-30	1420-40015-20	1420-40015-20P	1420-40015-316
2X4 Slot	1420-36024-30	1420-36024-20	1420-36024-20P	1420-36024-316	1420-40024-30	1420-40024-20	1420-40024-20P	1420-40024-316
2X4 Slot coin proof	1420-36124-30	1420-36124-20	1420-36124-20P	1420-36124-316	1420-40124-30	1420-40124-20	1420-40124-20P	1420-40124-316
Triangular 7mm	1420-36037-30	1420-36037-20	1420-36037-20P	1420-36037-316	1420-40037-30	1420-40037-20	1420-40037-20P	1420-40037-316
Triangular 8mm	1420-36038-30	1420-36038-20	1420-36038-20P	1420-36038-316	1420-40038-30	1420-40038-20	1420-40038-20P	1420-40038-316
Square 7mm	1420-36047-30	1420-36047-20	1420-36047-20P	1420-36047-316	1420-40047-30	1420-40047-20	1420-40047-20P	1420-40047-316
Square 8mm	1420-36048-30	1420-36048-20	1420-36048-20P	1420-36048-316	1420-40048-30	1420-40048-20	1420-40048-20P	1420-40048-316
Square 7mm with slot	1420-36147-30	1420-36147-20	1420-36147-20P	1420-36147-316	1420-40147-30	1420-40147-20	1420-40147-20P	1420-40147-316
Square 8mm with slot	1420-36148-30	1420-36148-20	1420-36148-20P	1420-36148-316	1420-40148-30	1420-40148-20	1420-40148-20P	1420-40148-316
Square female 8mm	1420-36248-30	1420-36248-20	1420-36248-20P	1420-36248-316	1420-40248-30	1420-40248-20	1420-40248-20P	1420-40248-316
Hexagon female 8mm	1420-36168-30	1420-36168-20	1420-36168-20P	1420-36168-316	1420-40168-30	1420-40168-20	1420-40168-20P	1420-40168-316
Hexagon female 9mm	1420-36169-30	1420-36169-20	1420-36169-20P	1420-36169-316	1420-40169-30	1420-40169-20	1420-40169-20P	1420-40169-316
Hexagon female 8mm with 3mm pin	1420-36268-30	1420-36268-20	1420-36268-20P	1420-36268-316	1420-40268-30	1420-40268-20	1420-40268-20P	1420-40268-316
Hexagon male 10mm	1420-36360-30	1420-36360-20	1420-36360-20P	1420-36360-316	1420-40360-30	1420-40360-20	1420-40360-20P	1420-40360-316
Triangular 10mm with M5 screw hole	1420-36105-30	1420-36105-20	1420-36105-20P	1420-36105-316	1420-40105-30	1420-40105-20	1420-40105-20P	1420-40105-316



GH=36

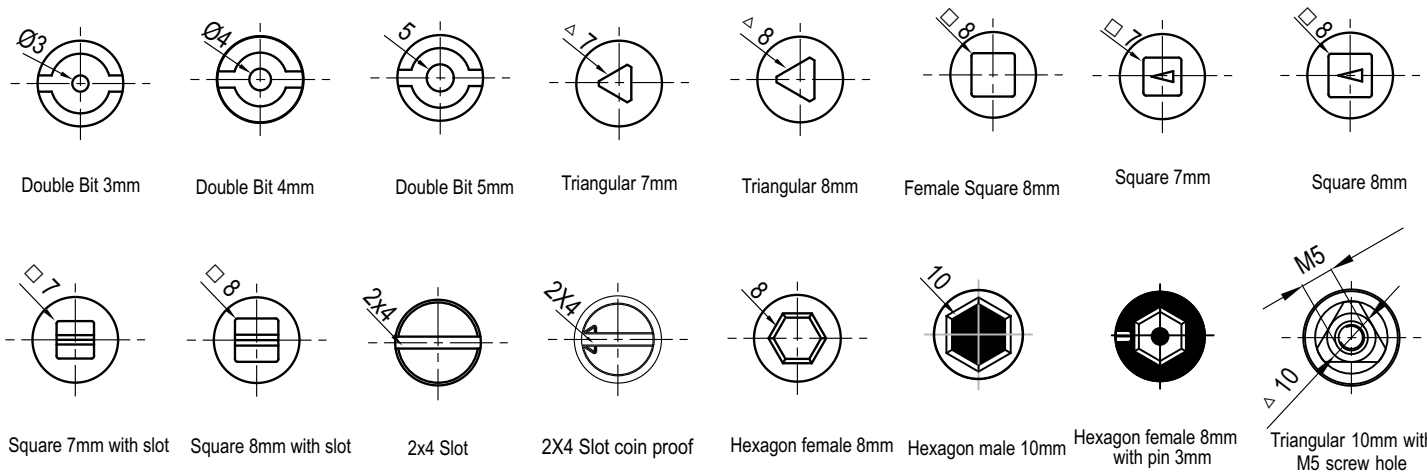
GH=40

GH=50

GH=60

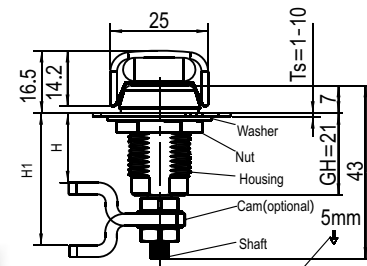
Zinc die insert and housing, black powder coated or bright chrome, m.s.
zinc plated cam or full stainless steel.

Cylinder Style	GH=50 Housing GH=50				GH=60 Housing GH=60			
	Zinc die casting or Stainless Steel				Zinc die casting or Stainless Steel			
	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel	Bright Chrome	Black Textured Powder Coated	PA Housing+Zinc Die Insert	Stainless Steel
Double Bit 3mm	1420-50013-30	1420-50013-20	1420-50013-20P	1420-50013-316	1420-60013-30	1420-60013-20	1420-60013-20P	1420-60013-316
Double Bit 4mm	1420-50014-30	1420-50014-20	1420-50014-20P	1420-50014-316	1420-60014-30	1420-60014-20	1420-60014-20P	1420-60014-316
Double Bit 5mm	1420-50015-30	1420-50015-20	1420-50015-20P	1420-50015-316	1420-60015-30	1420-60015-20	1420-60015-20P	1420-60015-316
2X4 Slot	1420-50024-30	1420-50024-20	1420-50024-20P	1420-50024-316	1420-60024-30	1420-60024-20	1420-60024-20P	1420-60024-316
2X4 Slot coin proof	1420-50124-30	1420-50124-20	1420-50124-20P	1420-50124-316	1420-60124-30	1420-60124-20	1420-60124-20P	1420-60124-316
Triangular 7mm	1420-50037-30	1420-50037-20	1420-50037-20P	1420-50037-316	1420-60037-30	1420-60037-20	1420-60037-20P	1420-60037-316
Triangular 8mm	1420-50038-30	1420-50038-20	1420-50038-20P	1420-50038-316	1420-60038-30	1420-60038-20	1420-60038-20P	1420-60038-316
Square 7mm	1420-50047-30	1420-50047-20	1420-50047-20P	1420-50047-316	1420-60047-30	1420-60047-20	1420-60047-20P	1420-60047-316
Square 8mm	1420-50048-30	1420-50048-20	1420-50048-20P	1420-50048-316	1420-60048-30	1420-60048-20	1420-60048-20P	1420-60048-316
Square 7mm with slot	1420-50147-30	1420-50147-20	1420-50147-20P	1420-50147-316	1420-60147-30	1420-60147-20	1420-60147-20P	1420-60147-316
Square 8mm with slot	1420-50148-30	1420-50148-20	1420-50148-20P	1420-50148-316	1420-60148-30	1420-60148-20	1420-60148-20P	1420-60148-316
Square female 8mm	1420-50248-30	1420-50248-20	1420-50248-20P	1420-50248-316	1420-60248-30	1420-60248-20	1420-60248-20P	1420-60248-316
Hexagon female 8mm	1420-50168-30	1420-50168-20	1420-50168-20P	1420-50168-316	1420-60168-30	1420-60168-20	1420-60168-20P	1420-60168-316
Hexagon female 9mm	1420-50169-30	1420-50169-20	1420-50169-20P	1420-50169-316	1420-60169-30	1420-60169-20	1420-60169-20P	1420-60169-316
Hexagon female 8mm with 3mm pin	1420-50268-30	1420-50268-20	1420-50268-20P	1420-50268-316	1420-60268-30	1420-60268-20	1420-60268-20P	1420-60268-316
Hexagon male 10mm	1420-50360-30	1420-50360-20	1420-50360-20P	1420-50360-316	1420-60360-30	1420-60360-20	1420-60360-20P	1420-60360-316
Triangular 10mm with M5 screw hole	1420-50105-30	1420-50105-20	1420-50105-20P	1420-50105-316	1420-60105-30	1420-60105-20	1420-60105-20P	1420-60105-316

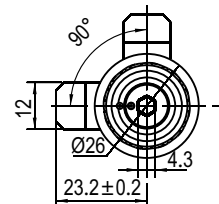


Double Bit 3mm Double Bit 4mm Double Bit 5mm Triangular 7mm Triangular 8mm Female Square 8mm Square 7mm Square 8mm Square 7mm with slot Square 8mm with slot 2x4 Slot 2X4 Slot coin proof Hexagon female 8mm Hexagon male 10mm Hexagon female 8mm with pin 3mm Triangular 10mm with M5 screw hole

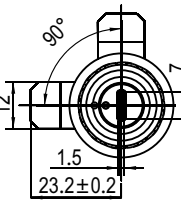
RL IP65



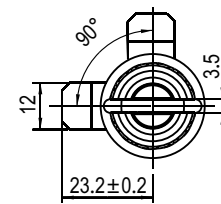
Pull-up:5.0



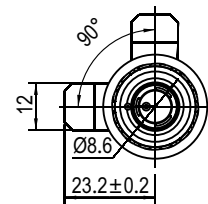
Tool-operated



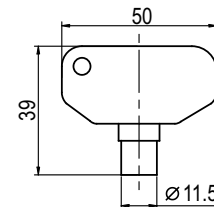
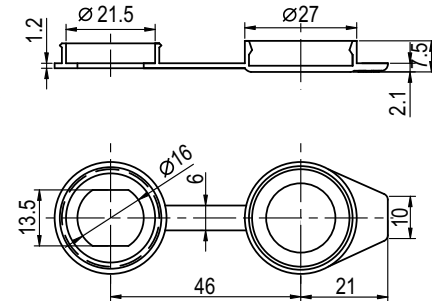
Slotted recess



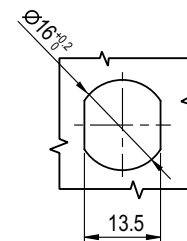
Knob style



Key-operated



Nickel plated Key, for key operated



Panel Cutout

Water dust proof cover: For 1421 series

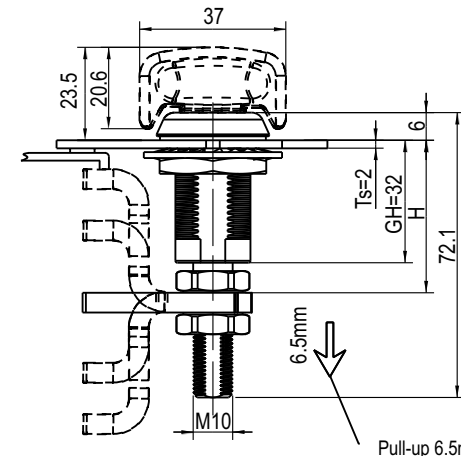
Optional components, Need to be ordered separately.

part# : 9501-4703
Pull-Tab

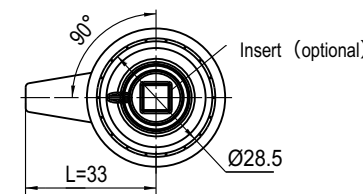
Zinc die,black powder coated or bright chrome,m.s. zinc plated cam.

Grip Range		Head Style			
Min	Max	Slotted recess	Tool-operated	Knob style	Key operated
3.2	6.4	1421-05-1510	1421-04-1510	1421-08-1510	1421-20-1510
6.4	9.5	1421-05-2510	1421-04-2510	1421-08-2510	1421-20-2510
9.5	12.7	1421-05-3510	1421-04-3510	1421-08-3510	1421-20-3510
12.7	15.9	1421-05-4510	1421-04-4510	1421-08-4510	1421-20-4510
15.9	19	1421-05-5510	1421-04-5510	1421-08-5510	1421-20-5510
19	22.2	1421-05-6510	1421-04-6510	1421-08-6510	1421-20-6510
22.2	25.4	1421-05-7510	1421-04-7510	1421-08-7510	1421-20-7510
25.4	28.6	1421-05-8510	1421-04-8510	1421-08-8510	1421-20-8510

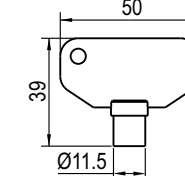
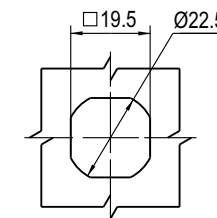
RL IP65



Pull-up 6.5mm



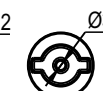
Panel cutout



For key operated
part# : 9200-1422-80



Key operated



Double bit 3



Triangular 7



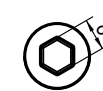
Triangular 8



Square 7



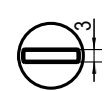
Square 8



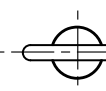
Hex female 8



Hex.male 10



Slotted recess



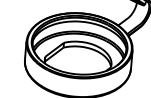
Knob style

Optional components, need to be ordered separately.

part# : 9501-4702
Pull-Tab



Not suitable for knob style

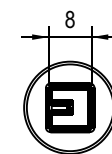
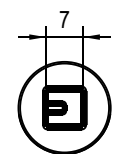
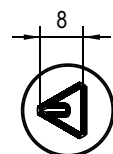
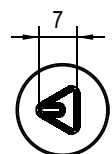
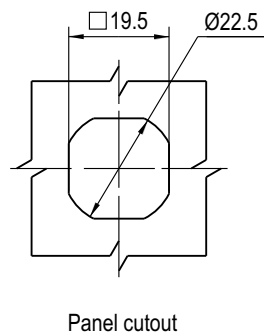
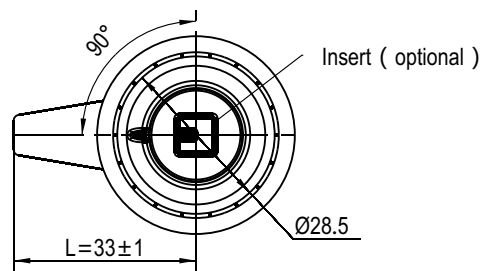
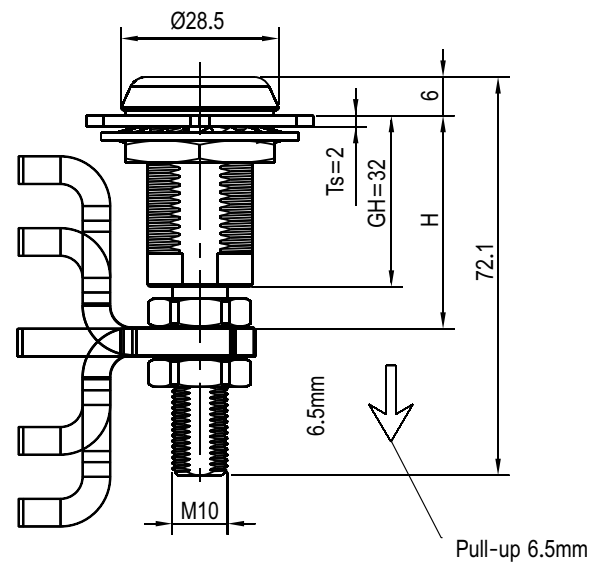
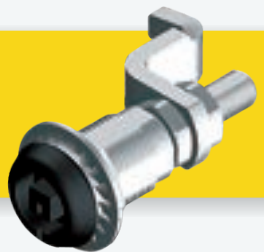
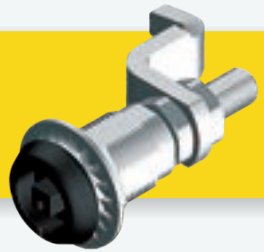
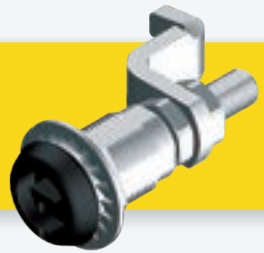
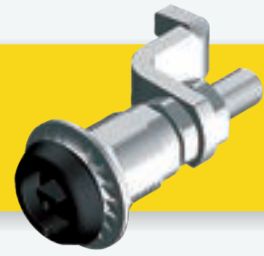


part# : 9401-4101
Water dust proof cover

Zinc die housing , cylinder; black powder coated or bright chrome ; m.s. zinc plated cam and shaft.

Camstyle	Grip Range		Head Style									
	Min	Max	Key operated	Double bit 3mm	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm	Slotted recess	Hex female 8mm	Hex.male 10mm	Knob style
reversed cam	11.4	27.2	1422-20-1510	1422-013-1510	1422-037-1510	1422-038-1510	1422-047-1510	1422-048-1510	1422-05-1510	1422-068-1510	1422-060-1510	1422-07-1510
	25.4	41.1	1422-20-2510	1422-013-2510	1422-037-2510	1422-038-2510	1422-047-2510	1422-048-2510	1422-05-2510	1422-068-2510	1422-060-2510	1422-07-2510
straight cam	38.9	54.6	1422-20-3510	1422-013-3510	1422-037-3510	1422-038-3510	1422-047-3510	1422-048-3510	1422-05-3510	1422-068-3510	1422-060-3510	1422-07-3510
offset cam	52.6	68.3	1422-20-2510	1422-013-2510	1422-037-2510	1422-038-2510	1422-047-2510	1422-048-2510	1422-05-2510	1422-068-2510	1422-060-2510	1422-07-2510
	66.3	76.2	1422-20-1510	1422-013-1510	1422-037-1510	1422-038-1510	1422-047-1510	1422-048-1510	1422-05-1510	1422-068-1510	1422-060-1510	1422-07-1510

RL IP65



Triangular 7mm

Triangular 8mm

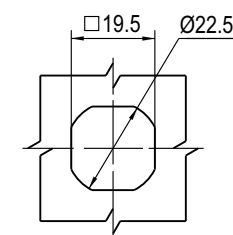
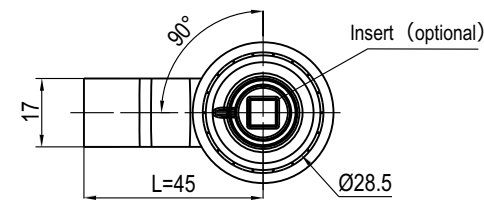
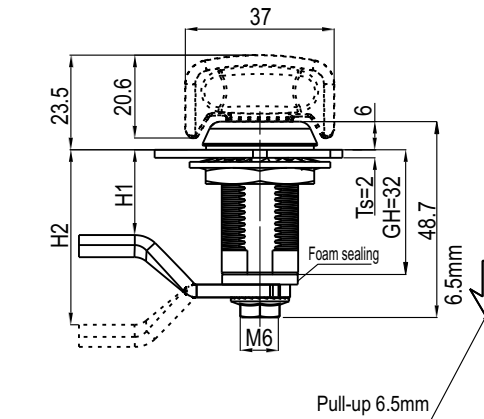
Square 7mm

Square 8mm

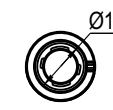
Zinc die housing , cylinder; black powder coated or bright chrome ; m.s. zinc plated cam and shaft.

Camstyle	Grip Range		Head Style			
	Min	Max	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm
reversed cam	11.4	27.2	1422-0371-1510	1422-0381-1510	1422-0471-1510	1422-0481-1510
	25.4	41.1	1422-0371-2510	1422-0381-2510	1422-0471-2510	1422-0481-2510
straight cam	38.9	54.6	1422-0371-3510	1422-0381-3510	1422-0471-3510	1422-0481-3510
offset cam	52.6	68.3	1422-0371-2510	1422-0381-2510	1422-0471-2510	1422-0481-2510
	66.3	76.2	1422-0371-1510	1422-0381-1510	1422-0471-1510	1422-0481-1510

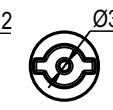
RL



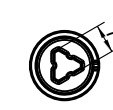
Panel cutout



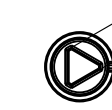
Key operated



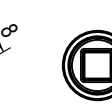
Double bit 3



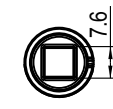
Triangular 7



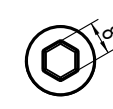
Triangular 8



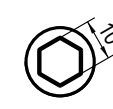
Square 7



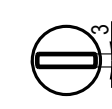
Square 8



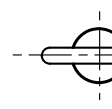
Hex female 8



Hex.male 10



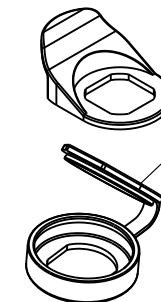
Slotted recess



Knob style

Optional components, need to be ordered separately.

part# : 9501-4702
Pull-Tab



part# : 9401-4101
Water dust proof cover

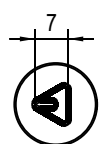
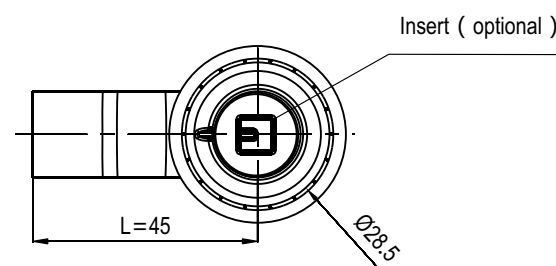
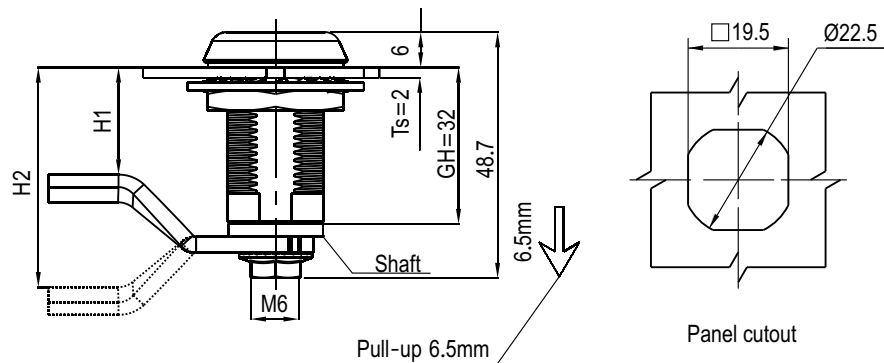
For key operated
part# : 9200-1422-80

Zinc die housing,cylinder; black powder coated or bright chrome; m.s. zinc plated cam and shaft.

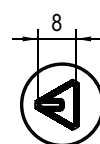
Camstyle	Head Style									
	Key operated	Double bit 3mm	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm	Slotted recess	Hex female 8mm	Hex.male 10mm	Knob style
Cam ref. to page 9A-002	1423-20-10	1423-013-10	1423-037-10	1423-038-10	1423-047-10	1423-048-10	1423-05-10	1423-068-10	1423-060-10	1423-07-10

Accessories ref. page#
1. Cam ref. to page 9A-002

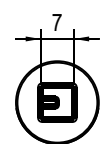
RL IP65



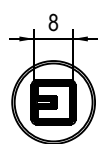
Triangular 7mm



Triangular 8mm



Square 7mm



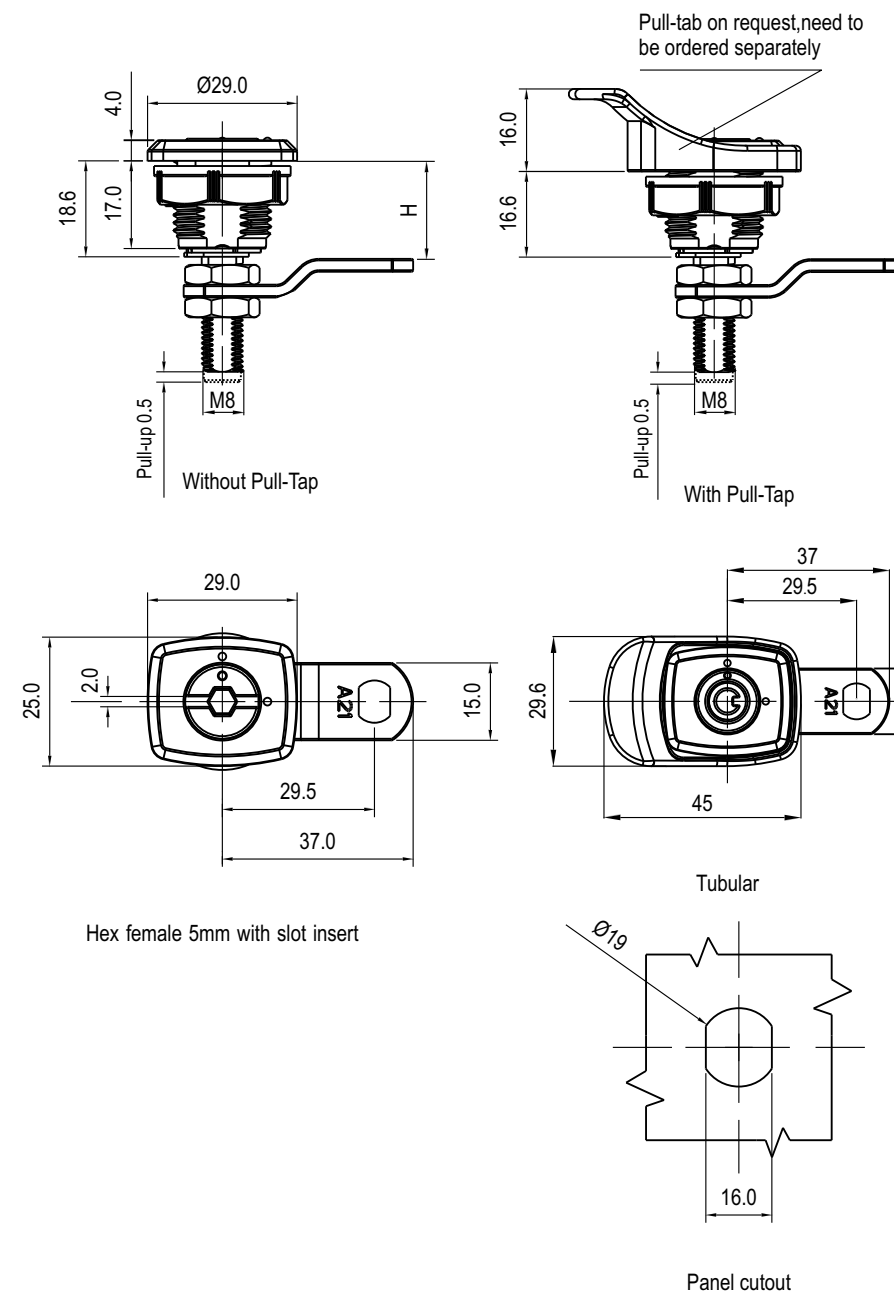
Square 8mm

Zinc die housing , cylinder; black powder coated or bright chrome ; m.s. zinc plated cam and shaft.

Camstyle	Head Style			
	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm
Cam ref. to page 9A-002	1423-0371-10	1423-0381-10	1423-0471-10	1423-0481-10

Accessories ref. page#
1.Cam ref. to page 9A-002

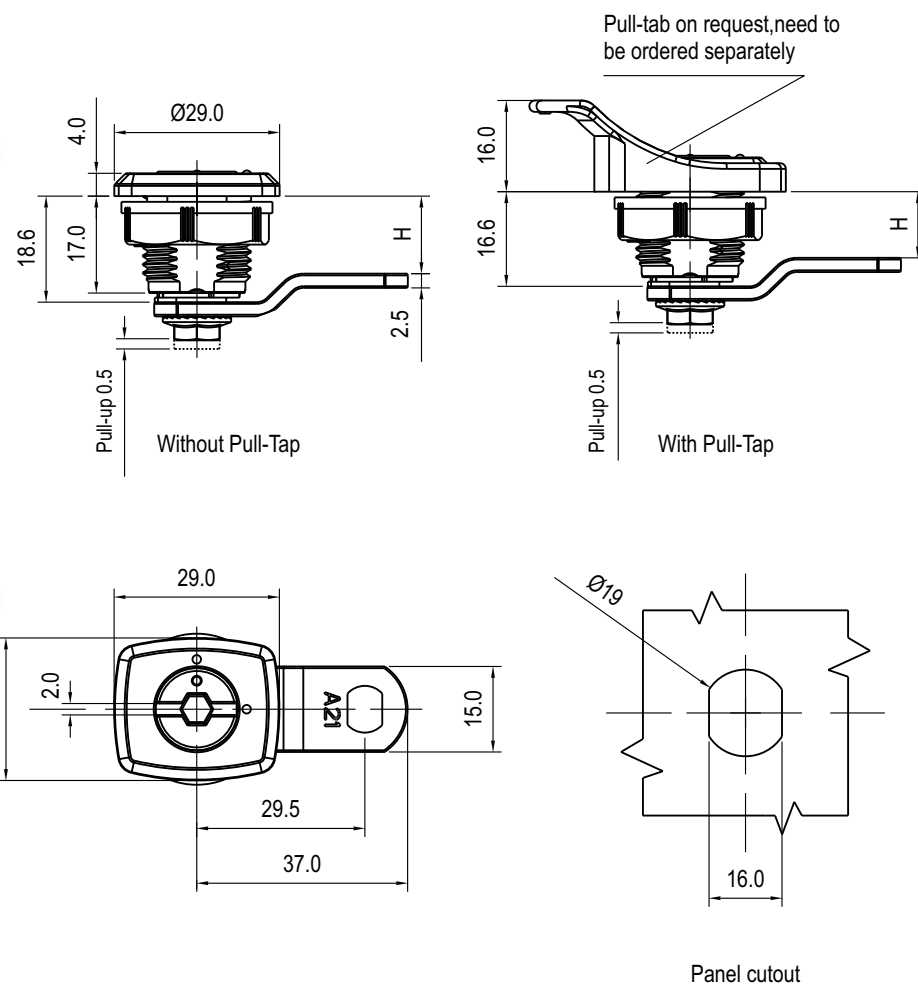
RL



Black PA plastic,housing,pull-tab,nut,zinc alloy shaft,chrome plated,m.s. zinc plated cam

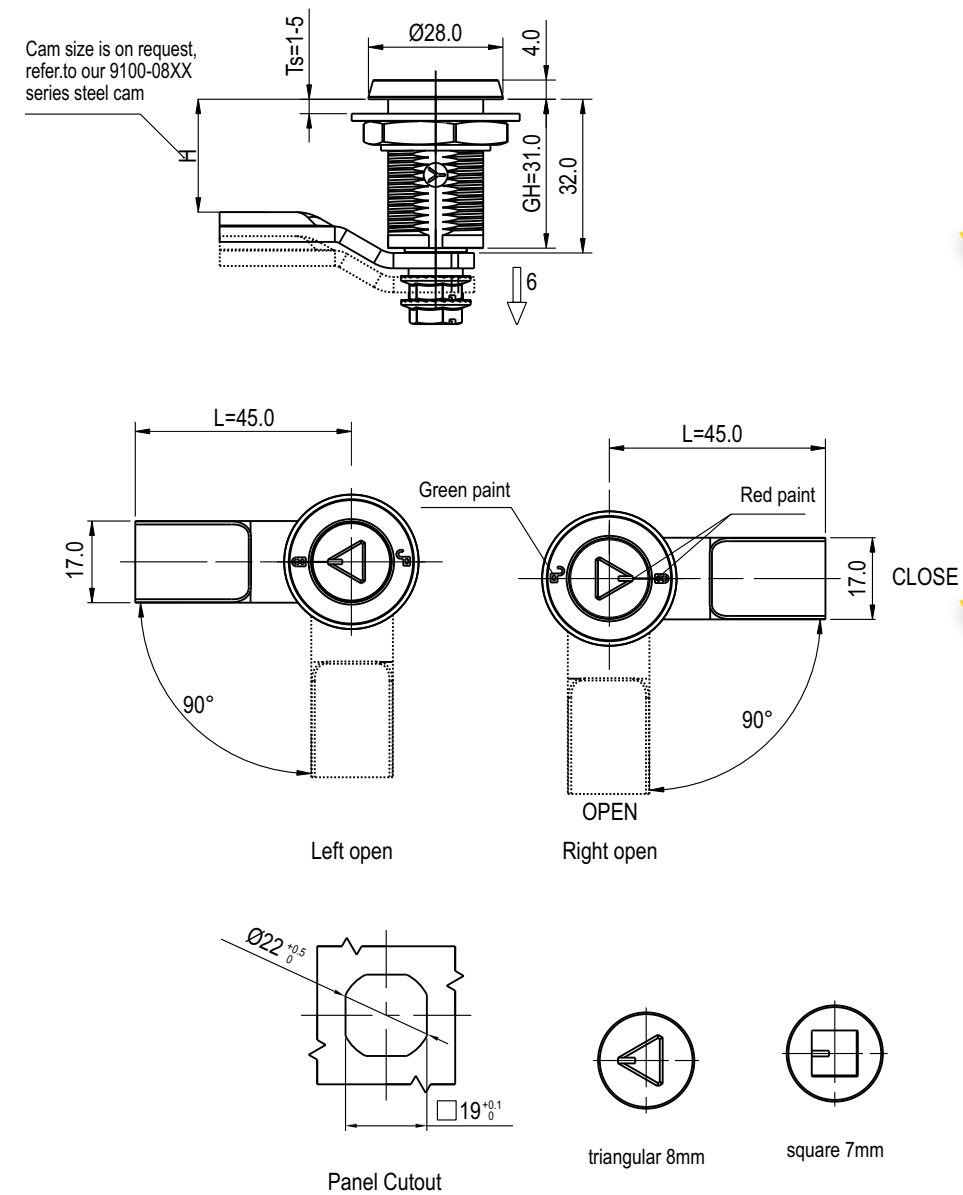
Shaft style	Grip Range				Cylinder Style	
	Without Pull-Tap		With Pull-Tap			
	Pawl Forward	Pawl Reversed	Pawl Forward	Pawl Reversed		
Long Shaft	MIN-MAX	MIN-MAX	MIN-MAX	MIN-MAX	Hex female 5mm with slot insert	Tubular
	19-28	29-38	17-26	37-36	1426-265-L21	1426-140-L21
	14-23	34-43	17-21	32-34	1426-265-L22	1426-140-L22
	9-18	39-48	7-16	37-46	1426-265-L23	1426-140-L23
	24-33		22-31		1426-265-L24	1426-140-L24

RL



Black PA plastic, housing, pull-tab, nut, zinc alloy shaft, chrome plated, m.s. zinc plated cam

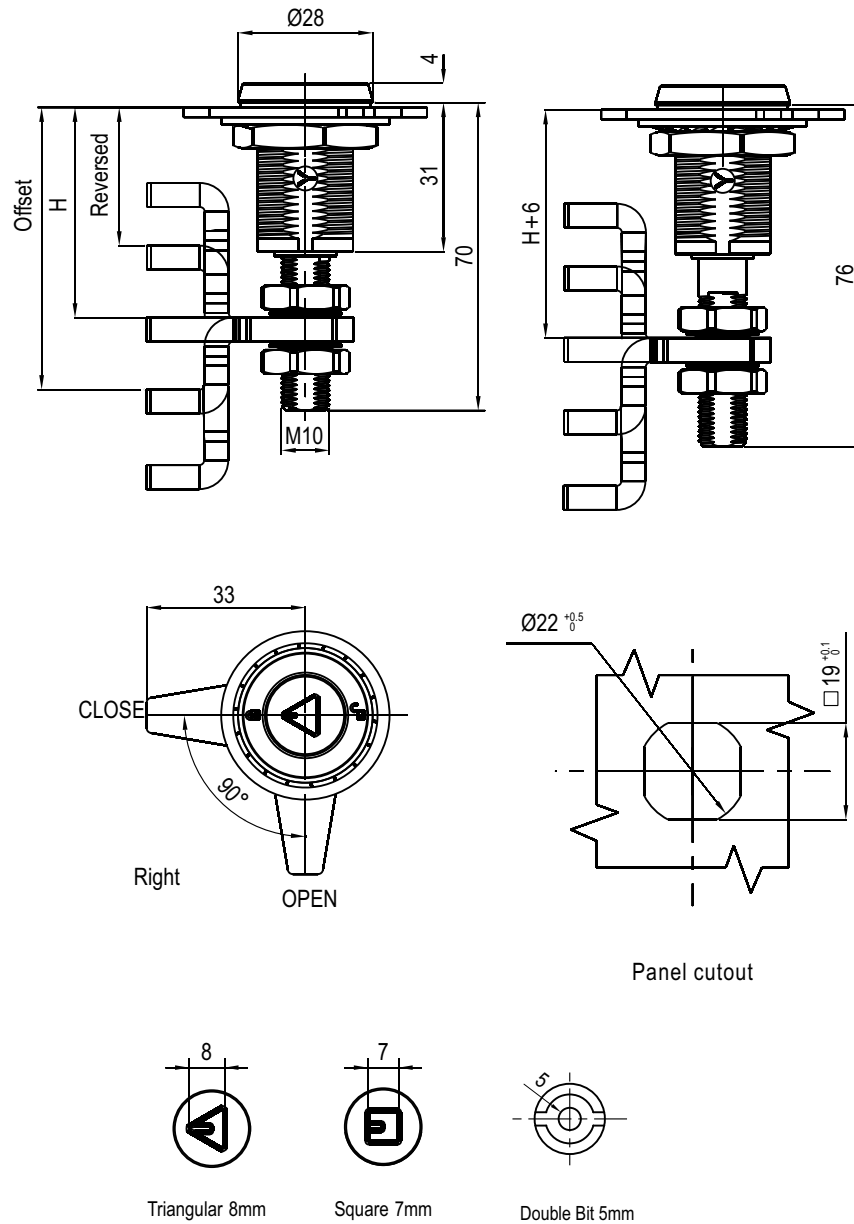
Shaft style	Grip Range				Cylinder Style
	Without Pull-Tap		With Pull-Tap		
	Pawl Forward	Pawl Reversed	Pawl Forward	Pawl Reversed	
Short shaft	13.6	23.6	11.6	21.6	1426-265-S21
	8.6	28.6	6.6	26.6	1426-265-S22
	3.6	33.6	1.6	31.6	1426-265-S23
	18.6		16.6		1426-265-S24

RLS
STAINLESS
SERIES

Compression latch SUS316

	SUS 316	
Cylinder Style	Left open	Right open
Square 7mm	1427-047-316L	1427-047-316R
Triangular 8mm	1427-038-316L	1427-038-316R

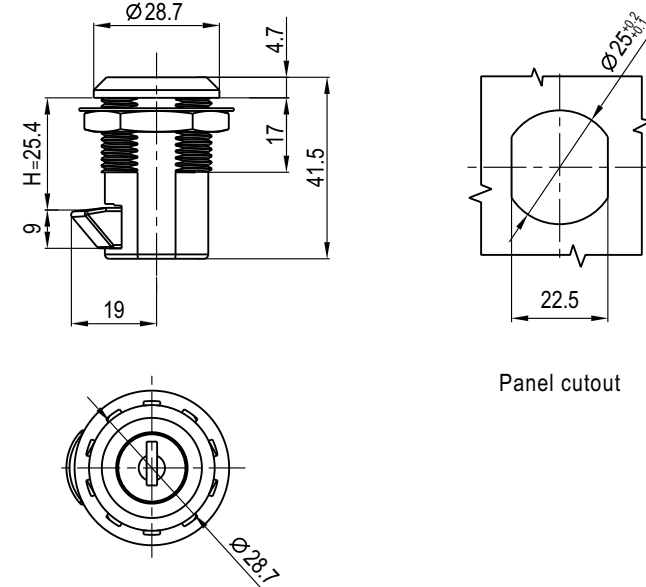
Accessories ref. page#
1. Cam ref. to page 9A-002

RLS
STAINLESS
SERIES

Comperssion latch SUS316

Camstyle	Grip Range		Head Style					
	Min	Max	Left open			Right open		
			Double bit 5mm	Triangular 8mm	Square 7mm	Double bit 5mm	Triangular 8mm	Square 7mm
reversed cam	11.4	27.2	1427-015L-316L-15	1427-038L-316L-15	1427-047L-316L-15	1427-015L-316R-15	1427-038L-316R-15	1427-047L-316R-15
	25.4	41.1	1427-015L-316L-25	1427-038L-316L-25	1427-047L-316L-25	1427-015L-316R-25	1427-038L-316R-25	1427-047L-316R-25
straight cam	38.9	54.6	1427-015L-316L-35	1427-038L-316L-35	1427-047L-316L-35	1427-015L-316R-35	1427-038L-316R-35	1427-047L-316R-35
offset cam	52.6	68.3	1427-015L-316L-25	1427-038L-316L-25	1427-047L-316L-25	1427-015L-316R-25	1427-038L-316R-25	1427-047L-316R-25
	66.3	76.2	1427-015L-316L-15	1427-038L-316L-15	1427-047L-316L-15	1427-015L-316R-15	1427-038L-316R-15	1427-047L-316R-15

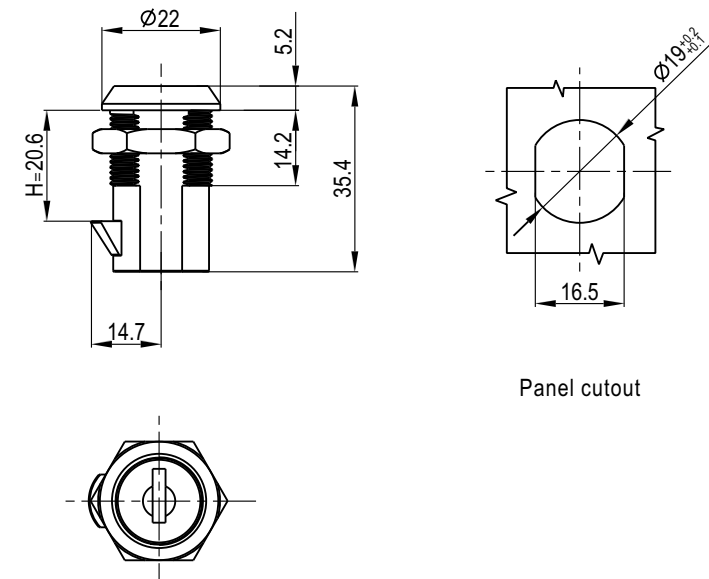
RL



Panel cutout

Zinc die, bright chrome

Bright Chrome	1430-01-30

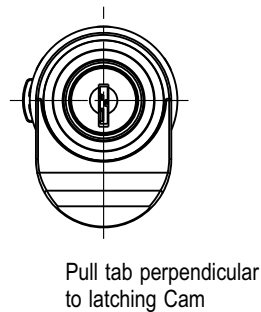
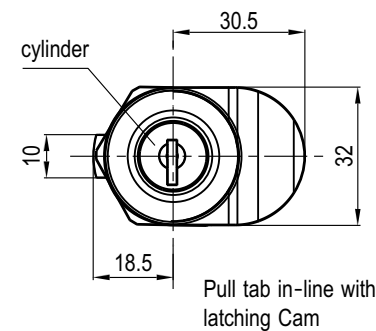
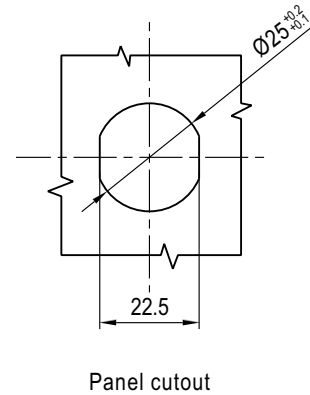
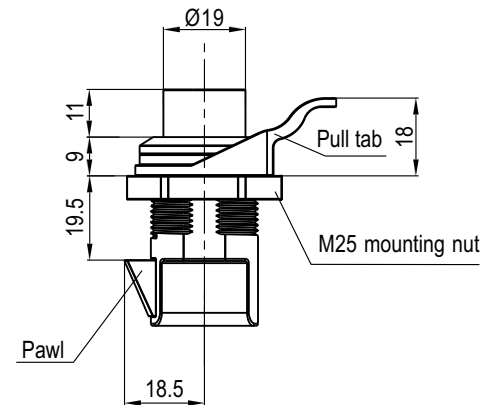


Panel cutout

Zinc die, bright chrome

Bright Chrome	1430-02-30

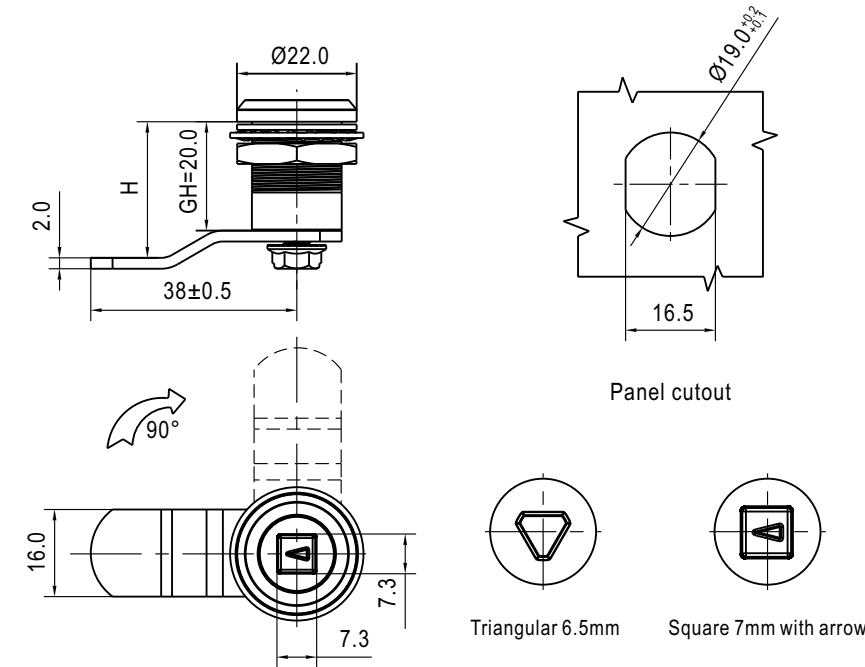
RL



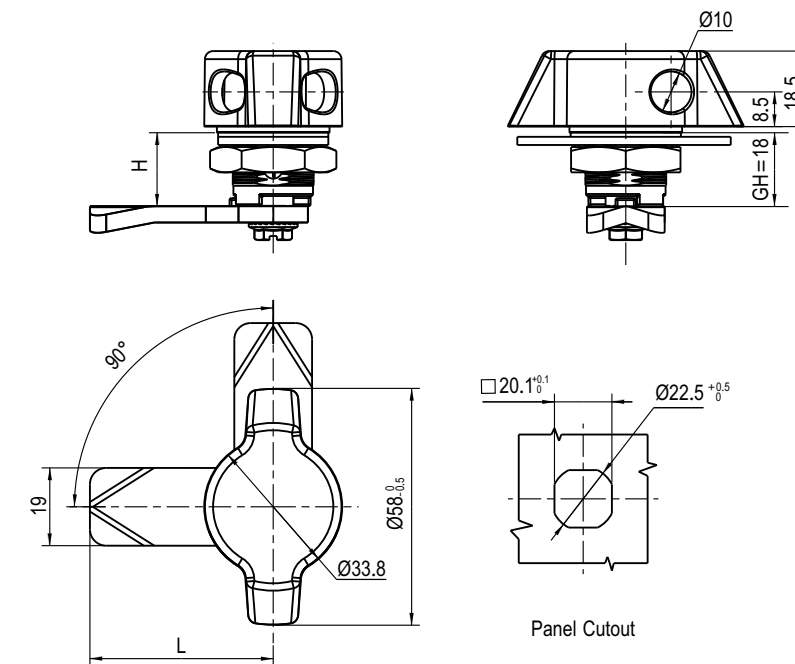
ABS black

	Key Locking	Non-locking
Latch only	1431-10-NP	1431-00-NP
Pull tab in-line with latching Cam	1431-10	1431-00
Pull tab perpendicular to latching Cam	1431-10-V	1431-00-V

RL



Cylinder Style	Zinc die housing; GH=20
	Nickel Plated
Square 7mm with arrow	1432-047-80
Triangular 6.5mm	1432-036-80



Zinc die handle and housing black powder coated or bright chrome; m.s. zinc plated cam

Black textured powder coated	Bright chrome
1435-110-20	1435-110-30

Remark:
linnerspring, O-ring, with anti-vibration function.

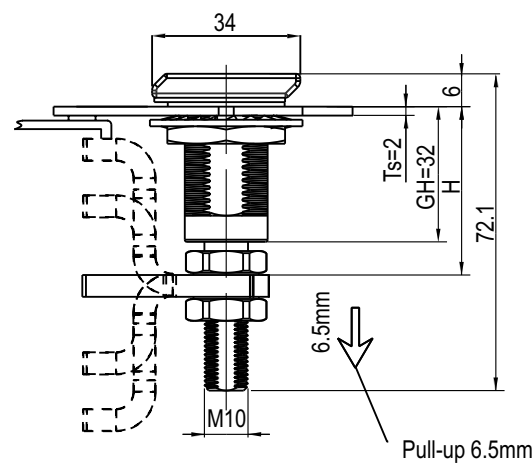
RL IP65

NEW

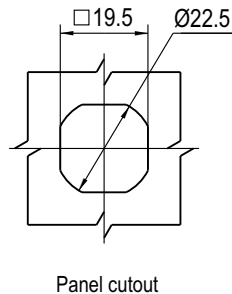


Accessories ref. page#
1. Cam ref. to page 9A-001

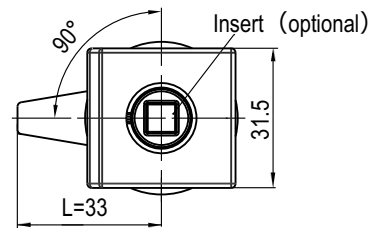
RL IP65



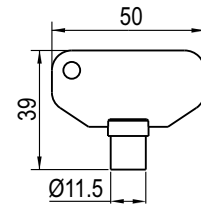
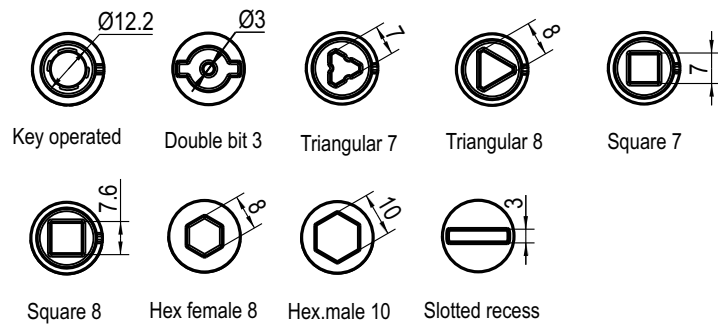
Optional components, need to be ordered separately.



Panel cutout



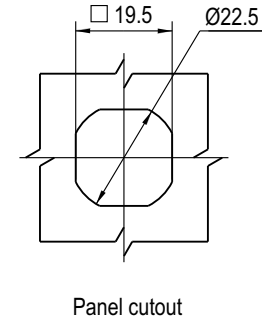
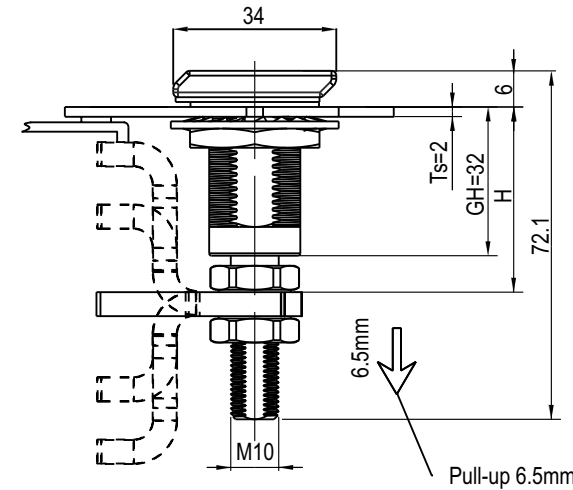
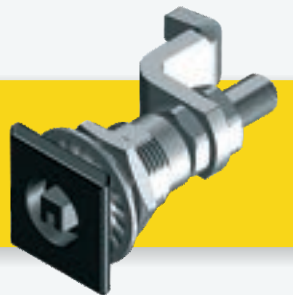
Insert (optional)

For key operated
part# : 9200-1422-80

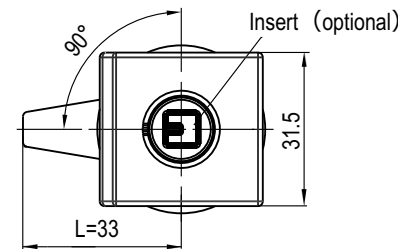
Zinc die housing,cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

Shaft style	Cam Style BH	Grip Range		Cylinder Style								
		Min	Max	Key Operated	Double Bit 3mm	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm	Slotted recess	Hexagon female 8mm	Hexagon male 10mm
Long Shaft	Reversed Cam	11.4	27.2	1436-20-L1510	1436-013-L1510	1436-037-L1510	1436-038-L1510	1436-047-L1510	1436-048-L1510	1436-05-L1510	1436-068-L1510	1436-060-L1510
		25.4	41.1	1436-20-L2510	1436-013-L2510	1436-037-L2510	1436-038-L2510	1436-047-L2510	1436-048-L2510	1436-05-L2510	1436-068-L2510	1436-060-L2510
	Straight Cam	38.9	54.6	1436-20-L3510	1436-013-L3510	1436-037-L3510	1436-038-L3510	1436-047-L3510	1436-048-L3510	1436-05-L3510	1436-068-L3510	1436-060-L3510
	Offset Cam	52.6	68.3	1436-20-L2510	1436-013-L2510	1436-037-L2510	1436-038-L2510	1436-047-L2510	1436-048-L2510	1436-05-L2510	1436-068-L2510	1436-060-L2510
		66.3	76.2	1436-20-L1510	1436-013-L1510	1436-037-L1510	1436-038-L1510	1436-047-L1510	1436-048-L1510	1436-05-L1510	1436-068-L1510	1436-060-L1510

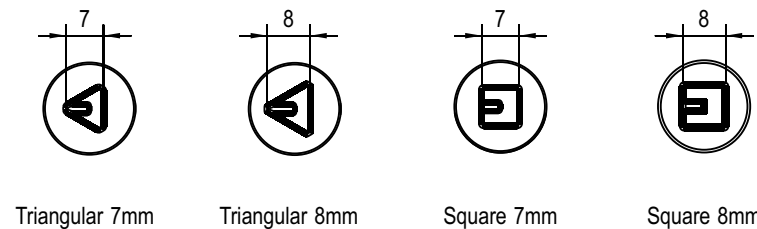
RL IP65



Panel cutout



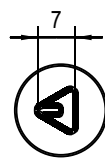
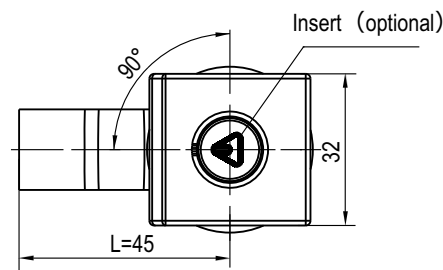
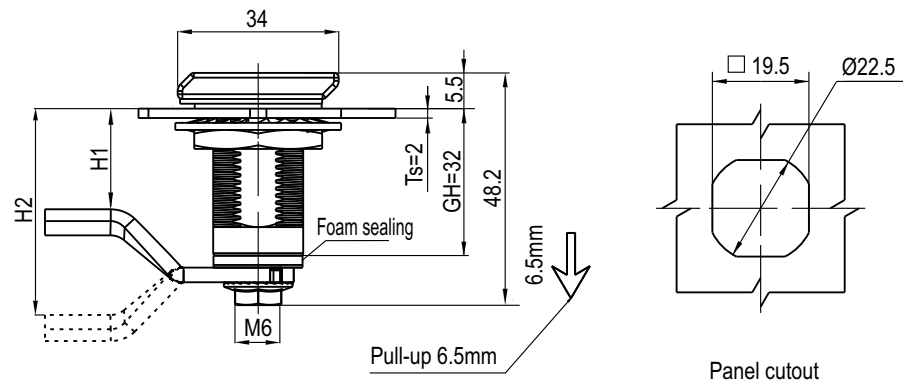
Insert (optional)



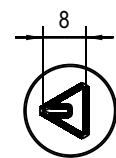
Zinc die housing,cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

Shaft style	Cam Style BH	Grip Range		Cylinder Style			
		Min	Max	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm
Long Shaft	Reversed Cam	11.4	27.2	1436-0371-L1510	1436-0381-L1510	1436-0471-L1510	1436-0481-L1510
		25.4	41.1	1436-0371-L2510	1436-0381-L2510	1436-0471-L2510	1436-0481-L2510
	Straight Cam	38.9	54.6	1436-0371-L3510	1436-0381-L3510	1436-0471-L3510	1436-0481-L3510
		52.6	68.3	1436-0371-L2510	1436-0381-L2510	1436-0471-L2510	1436-0481-L2510
	Offset Cam	66.3	76.2	1436-0371-L1510	1436-0381-L1510	1436-0471-L1510	1436-0481-L1510

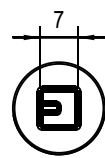
RL IP65



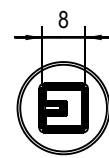
Triangular 7mm



Triangular 8mm



Square 7mm



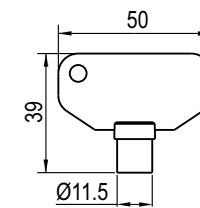
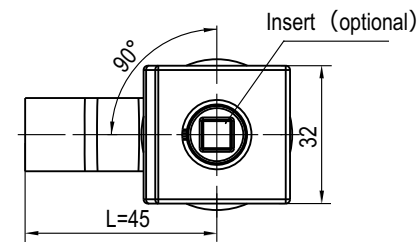
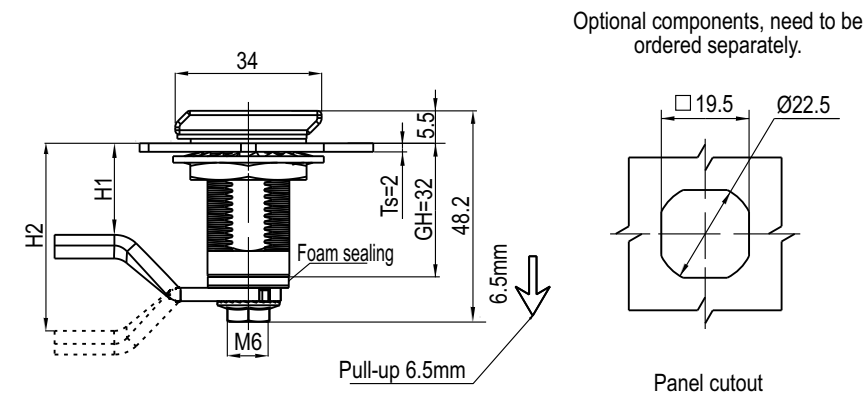
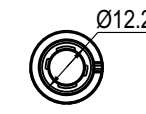
Square 8mm

Zinc die housing cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

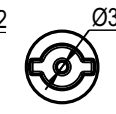
Shaft style	Cylinder Style	
Short shaft	Triangular 7mm	1436-0371-S10
	Triangular 8mm	1436-0381-S10
	Square 7mm	1436-0471-S10
	Square 8mm	1436-0481-S10

Accessories ref. page#
1.Cam ref. to page 9A-002

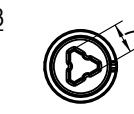
RL IP65

For key operated
part# : 9200-1422-80

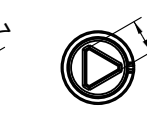
Key operated



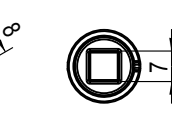
Double bit 3



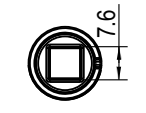
Triangular 7



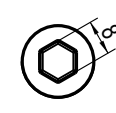
Triangular 8



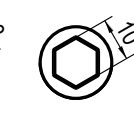
Square 7



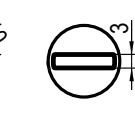
Square 8



Hex female 8



Hex.male 10



Slotted recess

Zinc die housing cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

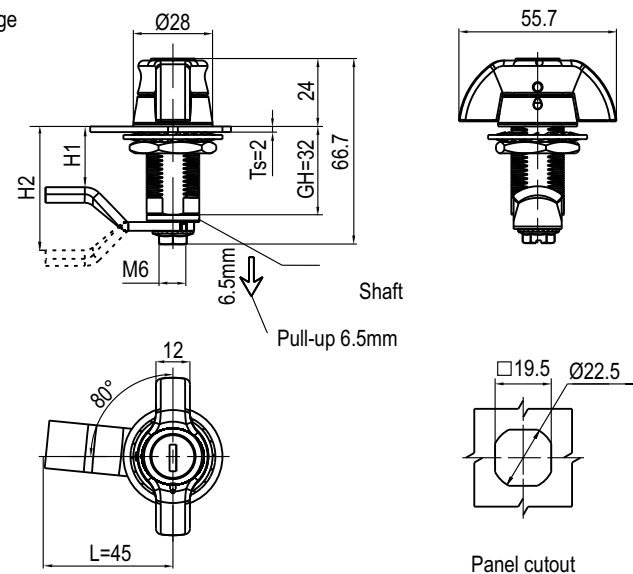
Shaft style	Cylinder Style	
Short shaft	Key operated	1436-20-S10
	Double bit 3mm	1436-013-S10
	Triangular 7mm	1436-037-S10
	Triangular 8mm	1436-038-S10
	Square 7mm	1436-047-S10
	Square 8mm	1436-048-S10
	Slotted recess	1436-05-S10
	Hex female 8mm	1436-068-S10
	Hex.male 10mm	1436-060-S10

Accessories ref. page#
1.Cam ref. to page 9A-002

RL

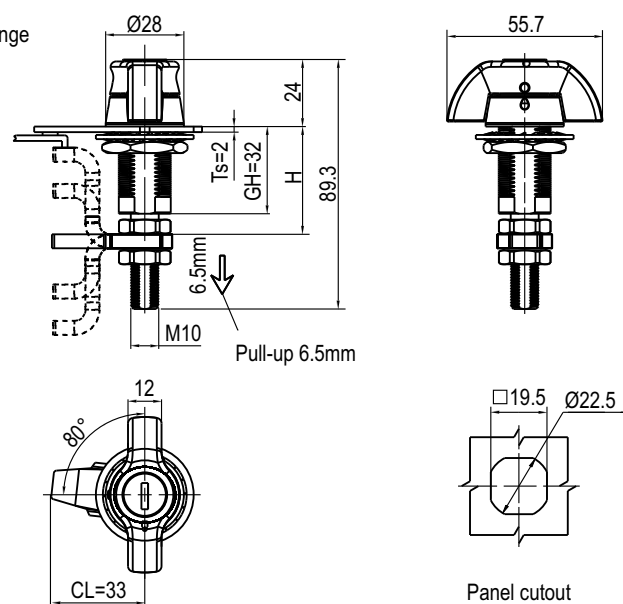


Fixed grip range



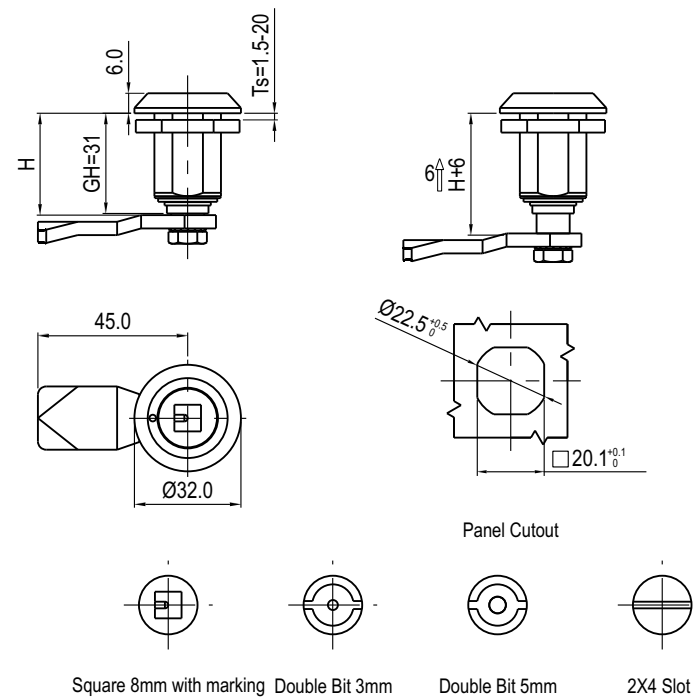
Short shaft	Head Style	
	Key Locking	Non-locking
	1437-110-S20	1437-100-S20

Adjustable grip range



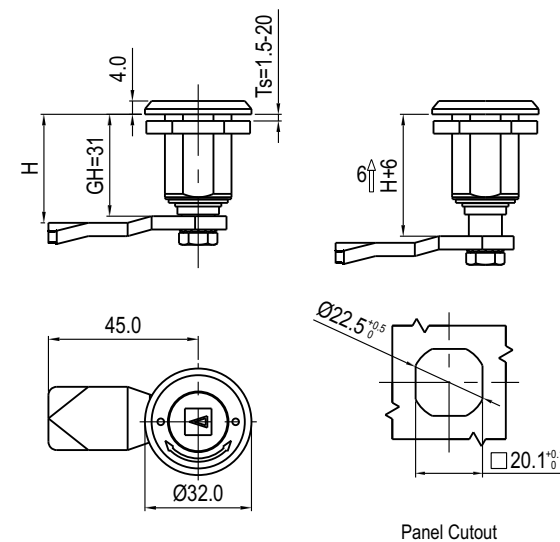
Zinc die housing cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

Shaft style	Cam Style BH	Grip Range		Head Style	
		Min	Max	Key Locking	Non-locking
Long Shaft	Reversed Cam	11.4	27.2	1437-110-L1520	1437-100-L1520
		25.4	41.1	1437-110-L2520	1437-100-L2520
	Straight Cam	38.9	54.6	1437-110-L3520	1437-100-L3520
		52.6	68.3	1437-110-L2520	1437-100-L2520
	Offset Cam	66.3	76.2	1437-110-L1520	1437-100-L1520

RL IP65 S
STAINLESS
SERIES

Compression latch SUS 316,with spring and seal

Cylinder Style	SUS 316
Square 8mm with marking	1438-048-316
2X4 Slot	1438-024-316
Double Bit 3mm	1438-013-316
Double Bit 5mm	1438-015-316



Compression latch with arrowhead and red-green marking SUS 316,with spring and flat seal

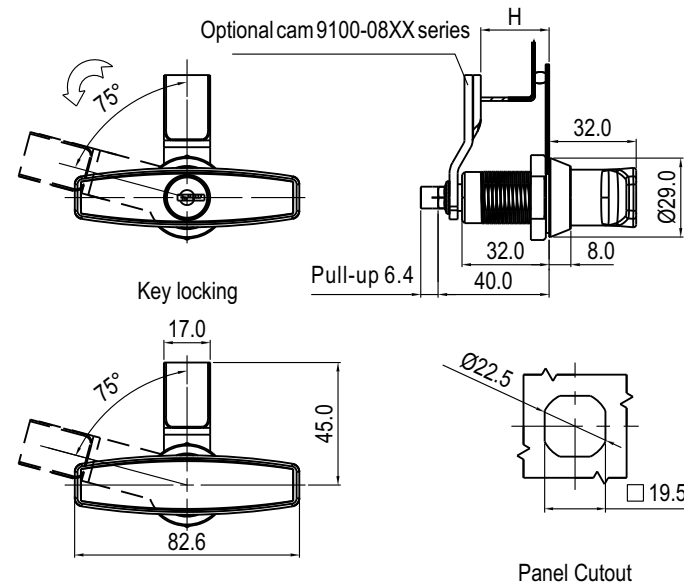
Cylinder Style	SUS 316	
	Left	Right
Square 8mm with marking	1438-048S-316L	1438-048S-316R

Accessories ref. page#
1.Cam ref. to page 9A-001Accessories ref. page#
1.Cam ref. to page 9A-001

RL



Fixed grip range

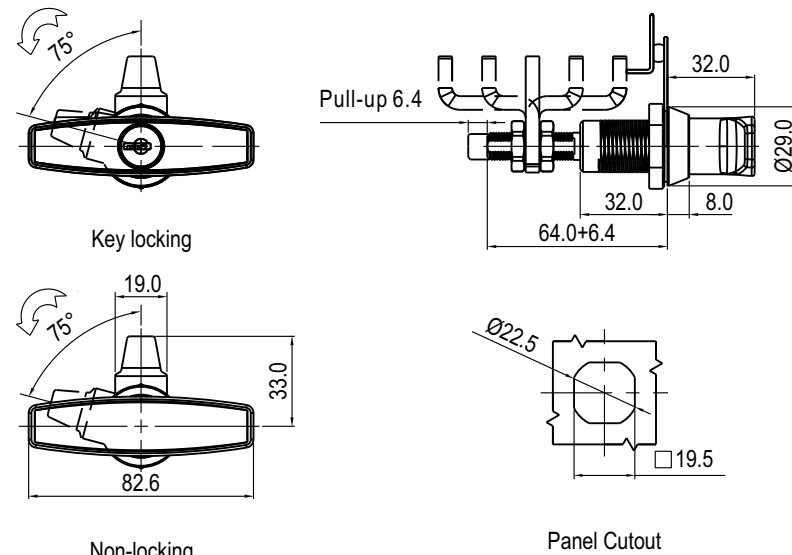


Non-locking

Zinc die housing cylinder; Black powder coated or bright chrome ,M.S. zinc plated cam and shaft.

Short shaft	Head Style	
	Key Locking	Non-locking
	1439-110-S20	1439-100-S20

Adjustable grip range

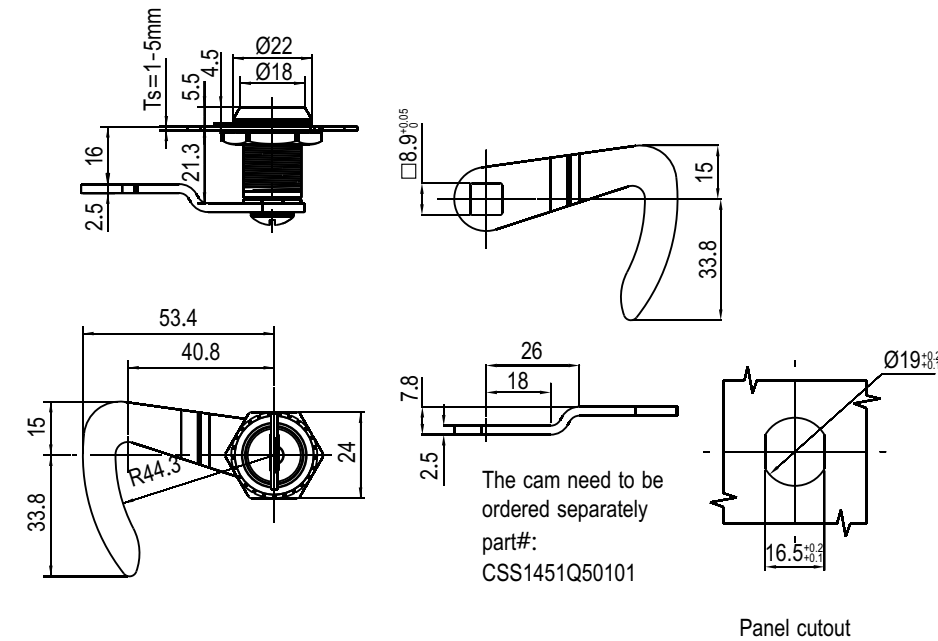


Non-locking

Zinc die housing cylinder; black powder coated or bright chrome ,m.s. zinc plated cam and shaft.

Shaft style	Cam Style BH	Grip Range		Head Style	
		Min	Max	Key Locking	Non-locking
Long Shaft	Reversed Cam	11.4	27.2	1439-110-L1520	1439-100-L1520
		25.4	41.1	1439-110-L2520	1439-100-L2520
	Straight Cam	38.9	54.6	1439-110-L3520	1439-100-L3520
		52.6	68.3	1439-110-L2520	1439-100-L2520
	Offset Cam	66.3	76.2	1439-110-L1520	1439-100-L1520

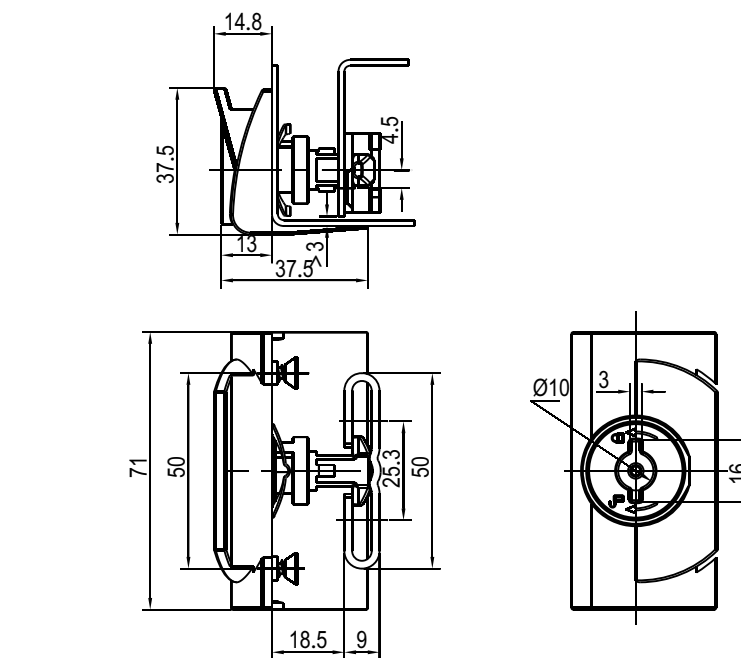
RL



Panel cutout

Zinc die black powder coated or bright chrome zinc plated cam.

Bright Chrome	Black Textured Powder Coated



PA lock body, zinc die insert,M.S.zinc plated mounting parts

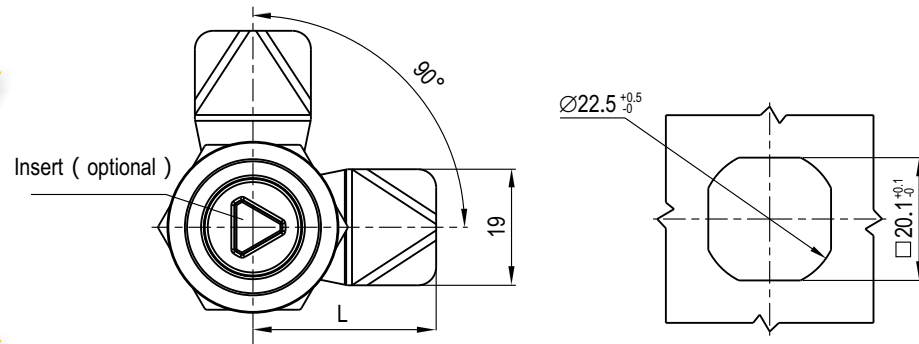
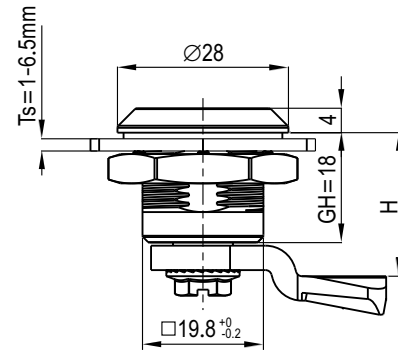
1462-013-92	

RL IP65

NEW



Accessories ref. to page #
1. CAM ref. to page 9A-001



Panel Cutout

Insert (optional)



Double Bit 4mm



2x4 Slot



Triangular 7mm



Triangular 8mm



Square 7mm

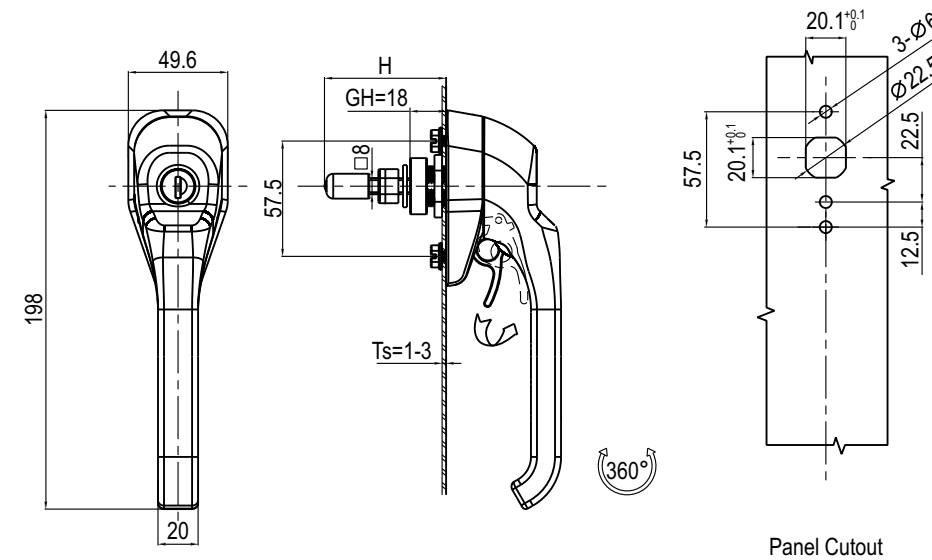


Square 8mm

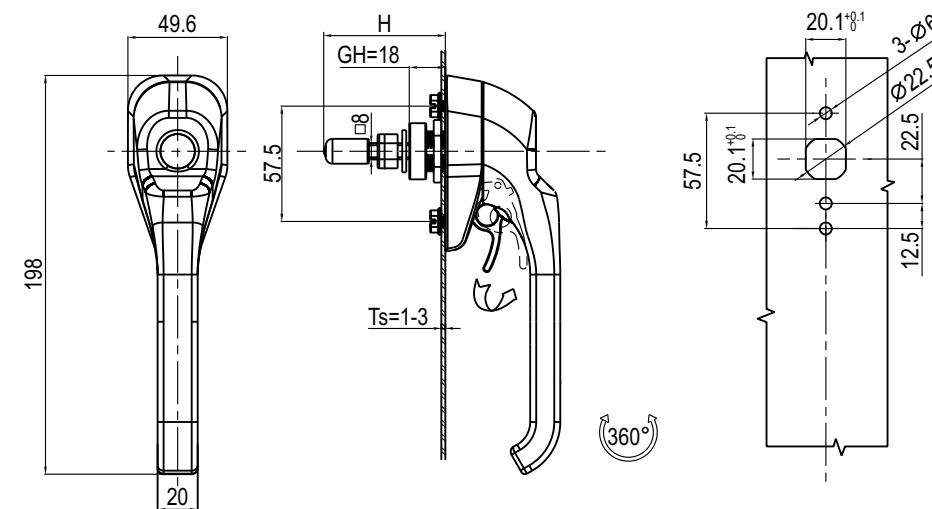
Zinc die handle and housing black powder coated or bright chrome; zinc plated cam.

Insert type	Bright Chrome	Black Textured Powder Coated
Double Bit 4mm	1465-014-30	1465-014-20
2x4 Slot	1465-024-30	1465-024-20
Triangular 7mm	1465-037-30	1465-037-20
Triangular 8mm	1465-038-30	1465-038-20
Square 7mm	1465-047-30	1465-047-20
Square 8mm	1465-048-30	1465-048-20

RL



Panel Cutout



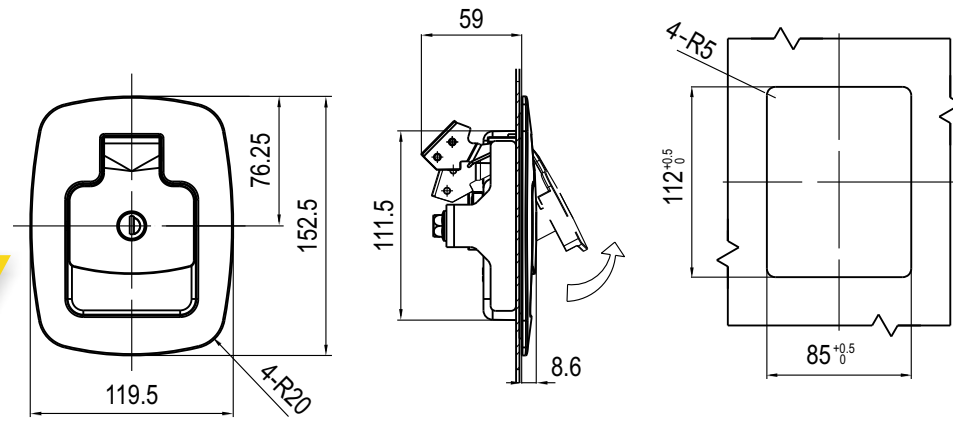
Panel Cutout

Zinc die, black textured powder coated

	Black Textured Powder Coated	SUS 316
YK333 key locking	1601-110-20	1601-110-316
Non-locking	1601-100-20	1601-100-316
2X4 slot	1601-024-20	

Accessories ref. to page #
1. CAM ref. to page 9A-001

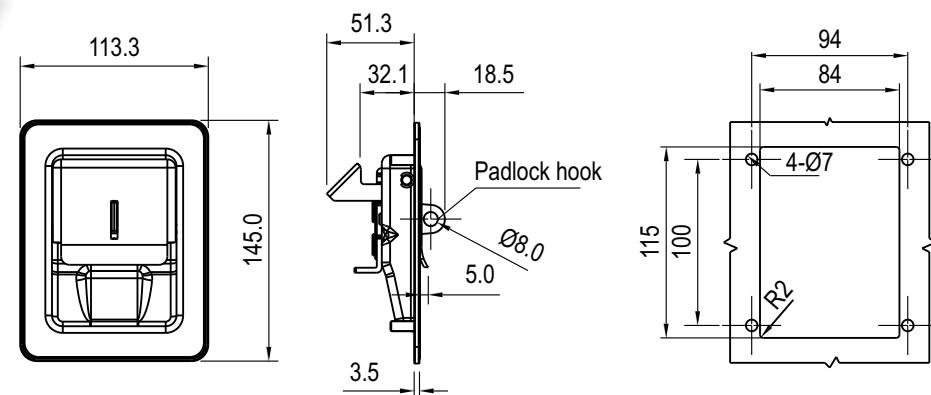
Remark
1. Key different on request.
2. CH751 key code on request
3. Padlockable on request



Panel Cutout

Black PA plastic, housing, handle

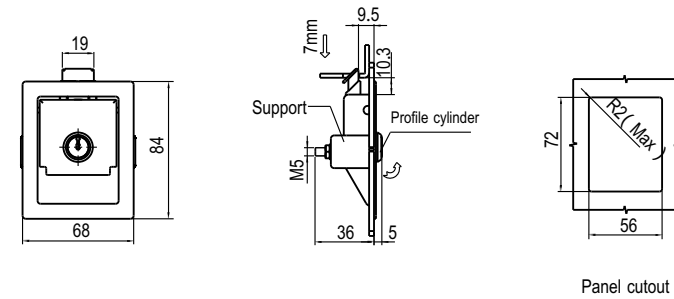
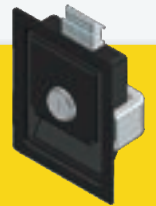
Key Locking	1701-10-90
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Panel Cutout

Paddle housing, handle, padlock hook m.s. black smooth powder coated, slide plate, cam, m.s. zinc plated

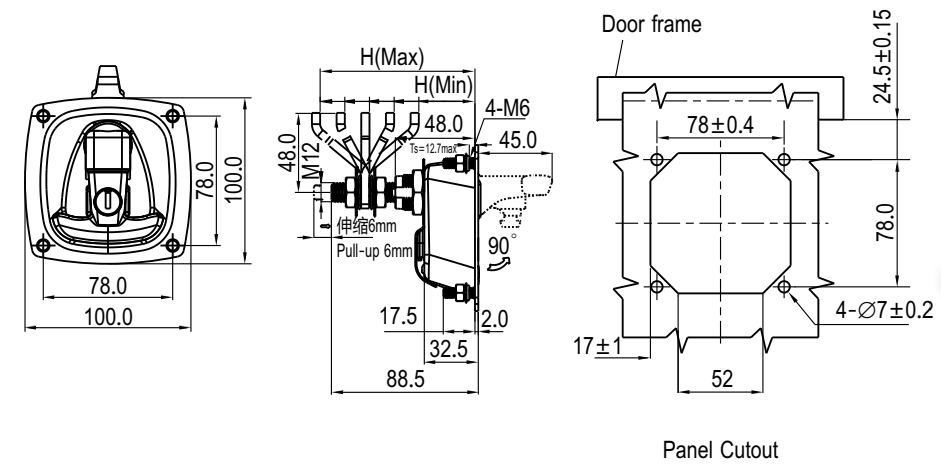
Padlockable	1702-00-10-P
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Panel cutout

Housing, Handle, support, steel, paint spraying or stainless steel, natural

	Steel, Paint Spraying	SUS 304
key locking	1703-210-10	
Non- locking	1703-200-10	1703-200-304



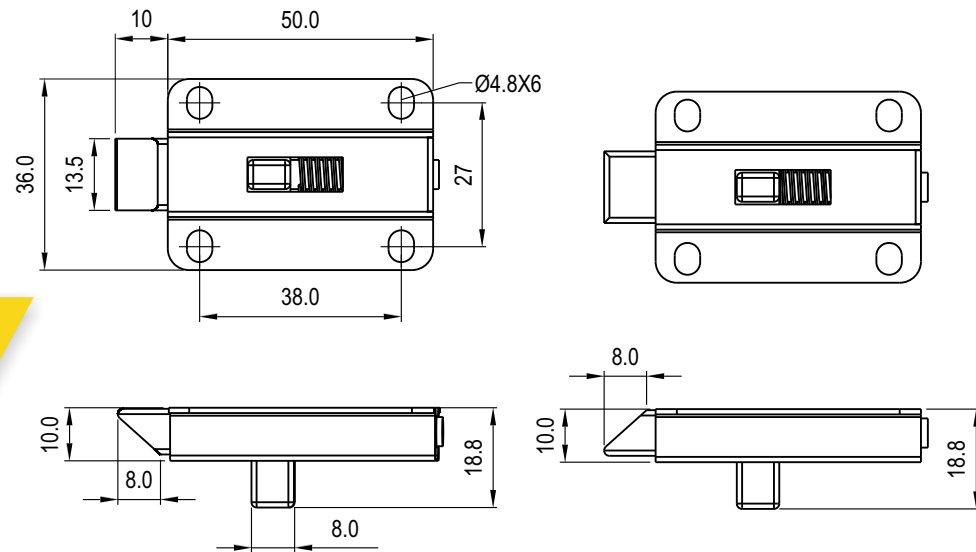
Panel Cutout

Housing Handle, support, steel paint spraying or stainless steel natural

Camstyle	Grip Range		Key Locking	Non-locking
	Min	Max		
Reversed cam	28	43	1704-110-110	1704-100-110
	43	58	1704-110-310	1704-100-310
Straight cam	58	73	1704-110-210	1704-100-210
Offset cam	73	88	1704-110-310	1704-100-310
	88	104	1704-110-110	1704-100-110

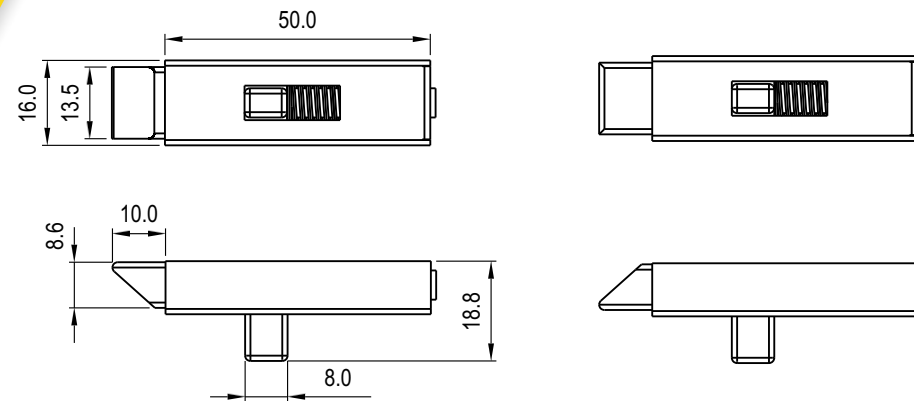
NEW





Screw on version-011

Screw on version-111

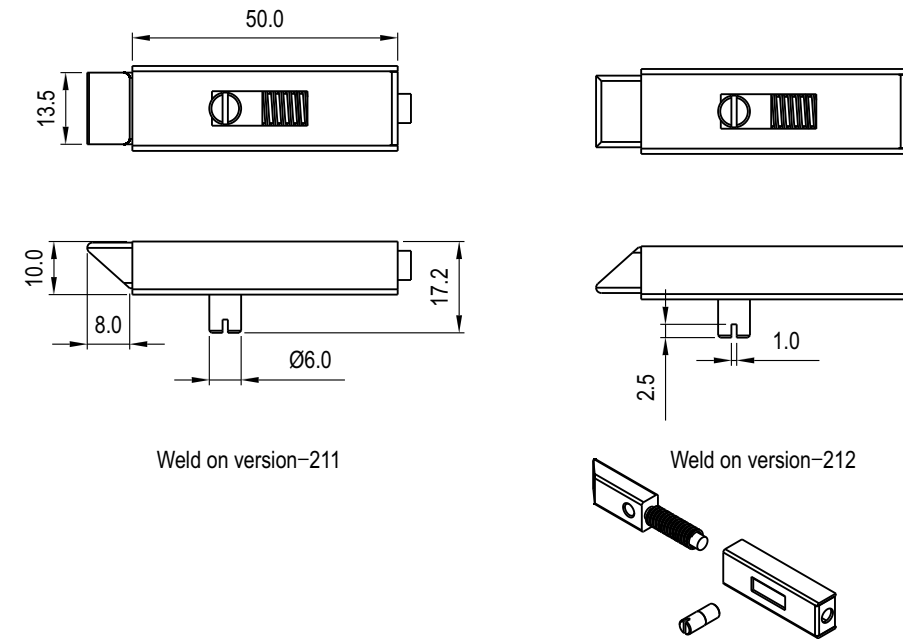


Weld on version-012

Weld on version-112

Slam-lock m. s. zinc plated resp. m. s. raw,locking bolt zinc die zinc plated

	Zinc Die	
Screw on version	1800-011-01	1800-111-01
Weld on version	1800-012-01	1800-112-01



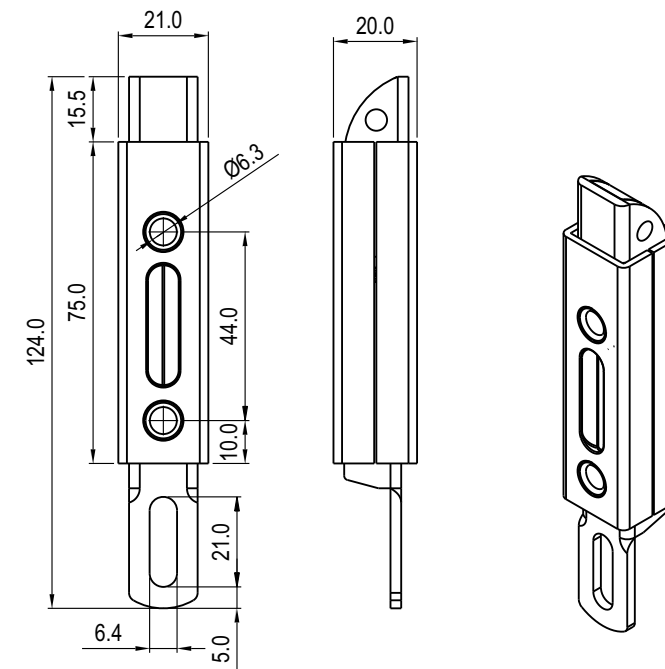
Weld on version-211

Weld on version-212

Slam-lock m.s. raw, locking bolt zinc die zinc plated

Customer can unassemble for welding on

	Zinc Die
Screw on version	1800-211-01
Weld on version	1800-212-01

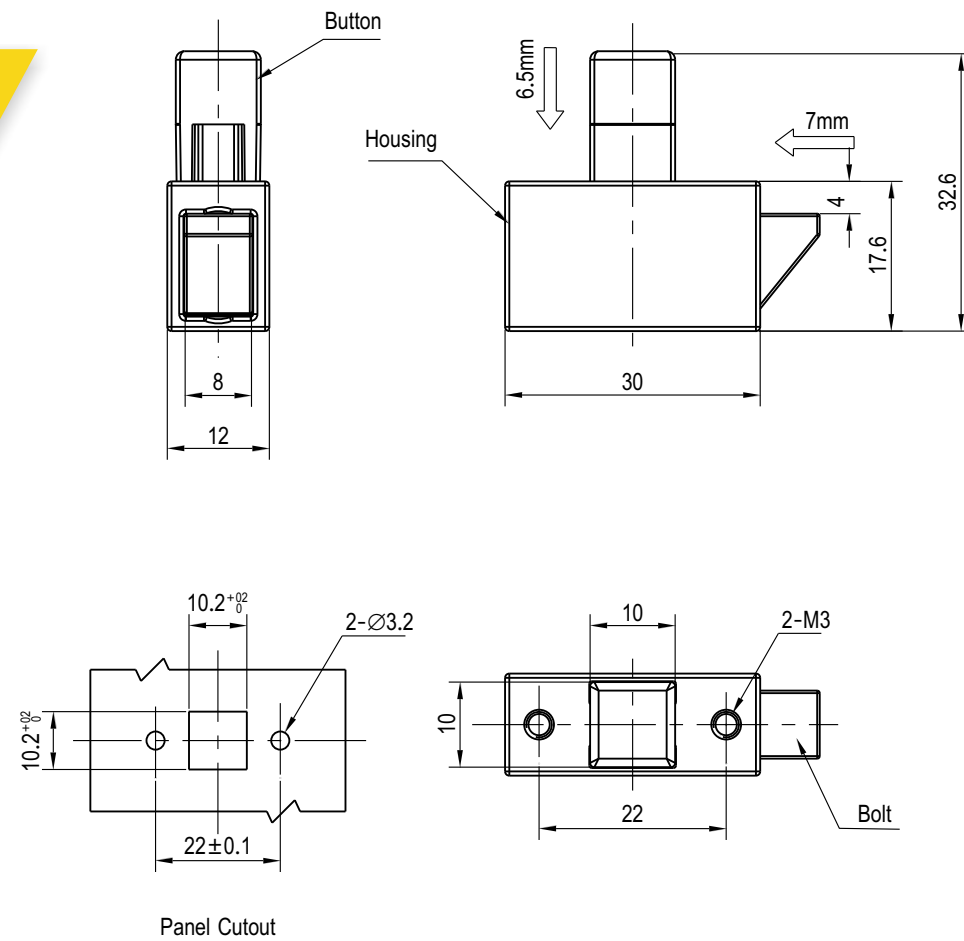


Rod connection can be bent for hand-operation on request

Slam-lock m. s. zinc plated

M.S.zinc plated	1801-011-01
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Zinc die,SUS spring and pin,nickel plated

Zinc Die

1802-011-80