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Production Tools

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LATCH HINGE

INDUSTRIAL HARDWARE



SEAL



SECURE

QTL

COL

SLA

SWH

ASH

SFH

SCH

COH

ACC

GSK

HAN

CST

INDUSTRIAL HARDWARE

LATCH

HINGE

SEAL

SECURE

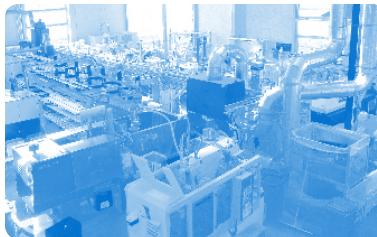
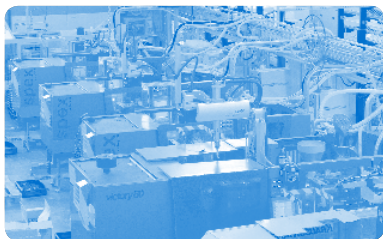
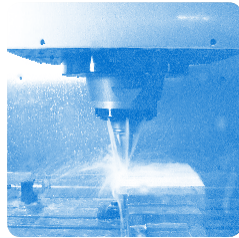
COMPETENCIES, TECHNOLOGIES, EQUIPMENT

Know-How

- In-depth market knowledge
- Product development
- Industrial design
- Tool engineering
- Tool construction
- Manufacturing technologies
- Operational management, processes
- International procurement and production network
- ...etc.

Materials

- Plastics PA, POM, PP, PC, TPE, ABS, PVC, PE etc.
- Additives: glass fibres, glass balls, carbon fibres, antiseptics, diverse colors etc.
- Rubber EPDM, NBR, CR etc.
- Aluminum
- Die-cast aluminum
- Die-cast zinc
- Steel
- Stainless steel
- Brass
- ...etc.



Surfaces

- Anodizing
- Painting
- Powder coating
- Galvanizing, zinc lamellar plating
- Chrome plating
- Nickel plating, zinc nickel plating
- Chromate treatment
- Burnishing
- Dry-film lubrication
- Printing
- Flocking
- Polishing
- Brushing
- ...etc.

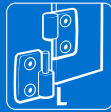
Manufacturing Technologies

- Plastic injection moulding
- Aluminum die-casting
- Zinc die-casting
- Turning
- Milling
- Drilling
- Cutting
- Punching
- Bending
- Wire bending
- Cold-forming
- Hot-forming
- Deep-drawing
- Erosion
- Thread rolling
- Welding
- Friction welding
- Bonding
- Powder injection molding MIM / PIM
- Extruding
- Extrusion pressing
- ...etc.



TECHNICAL INFORMATION

Symbols



Different versions
supplied for left and right
side installation



For left and
right hand
installation



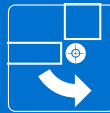
Padlockable



Attention



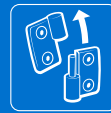
Appropriate for devices
accordant to IP65 / NEMA 4



External
hinge



Concealed-
hinge



Detachable
hinge



Stainless
steel

Protection Categories according to IEC 60 539

The IP protection category is characterized by 2 digits. Example: IP 54

First Digit	Degree of protection against contact and foreign bodies	Second Digit	Degree of protection against water
1	Protected against solid foreign objects of Ø 50 mm and greater	1	Protected against vertically falling water drops
2	Protected against solid foreign objects of Ø 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 of Ø 2.5 mm and greater	3	Protected against splashing water
4	Protected against solid foreign objects of Ø 1.0 mm and greater	4	Protected against splashing water
5	Dust-protected	5	Protected against water jets
6	Dust-tight	6	Protected against powerful water jets
		7	Protected against the effects of temporary immersion in water

Protection Categories according to National Electric Manufacturers Association (NEMA)

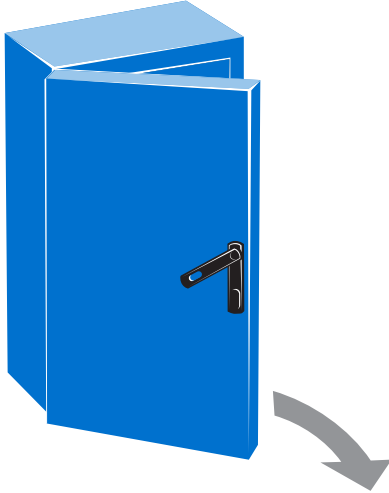
The UL classifications are not directly comparable with IP Protection Categories, since both the test conditions and the test results are different.

UL / NEMA	Description
1	Protected against penetration of foreign bodies
3.3R	Protected against penetration of solid bodies, protected against the ingress of rain, and dust and damage caused by icing
3S	Protected against rain, snow and foreign bodies. External mechanisms remain usable despite being coated in ice.
4.4X	Protected against rain, foreign bodies, splashed water and hosed water, and against damage caused by icing on the exterior of the enclosure
12.12K	Protected against dust deposits, foreign bodies, and non-corrosive dripping liquids
13	Protected against dust deposits, sprayed water, oil, and non-corrosive dripping liquids

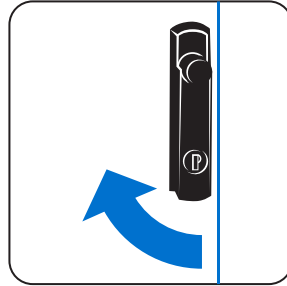
Stainless steel material specifications

Germany		USA	Japan	Unified Numbering System
Werkstoffnummer	DIN	AISI	JIS	UNS
1.4301	X5CrNi18-10	304	SUS 304	S 30400
1.4305	X8CrNiS18-9	303	SUS 303	S 30300
1.4310	X10CrNi18-8	301	SUS 301	S 30100
1.4401	X5CrNiMo17-12-2	316	SUS 316	S 31600
1.4571	X6CrNiMoTi17-12-2	316Ti	SUS 316Ti	S 31635

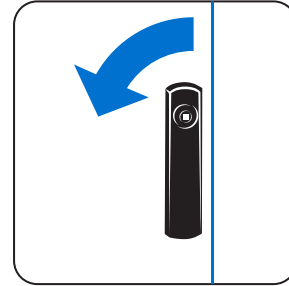
LEFT HAND DOOR, RIGHT HAND DOOR, AND OPENING DIRECTION



LH Door
Hinges are on the left side



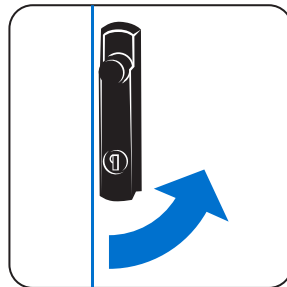
LH Door with swinghandle
Opening direction is clockwise



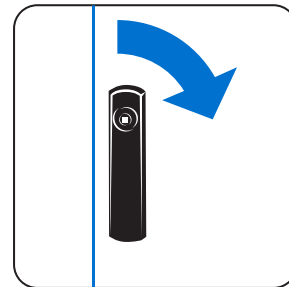
LH Door with escutcheon
Opening direction is counter-clockwise



RH Door
Hinges are on the right side



RH Door with swinghandle
Opening direction is counter-clockwise

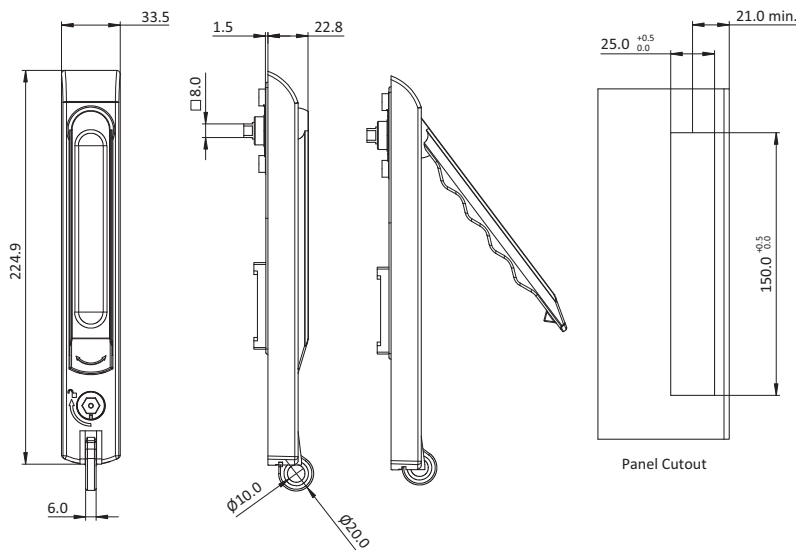


RH Door with escutcheon
Opening direction is clockwise

ErgoSafe Swing Handle

Benefits

- Fits into existing door handle 25mm x 150mm cutout
- Security features of the ErgoSafe include the traditional protection of a Telco style tool lock, the added protection a padlock and a **third** layer of vandal resistant technology unique to the industry (patent pending)
- Certified to Telcordia GR 487 R3-91[179] Torque test, R3-260[165] Salt Fog and IP65
- New Ergonomic Comfort Grip Handle



Material

Escutcheon:
PA 30% glass filled

Handle:
Die cast zinc

All other components:
316 Stainless Steel

Insert Type: TELCO 216 C
5/16 Hex with 0.125 Pin

TELCO 216 C
7/16 Hex

Cam control	PT0813478	PT0813479
2pt rod control	PT0813179	PT0813475
3pt rod control	PT0813476	PT0813477

Lever Handle

Benefits

- Fits into existing door handle 25mm x 150mm cutout
- Standard FH333 cylinder lock. Other lock options available upon request
- Vertical lifting action disengages the latch opening and closing the door in a single motion
- One, two or three point cam options available
- Tool-less installation or dust cap mounting option
- New Ergonomic Comfort Grip Handle



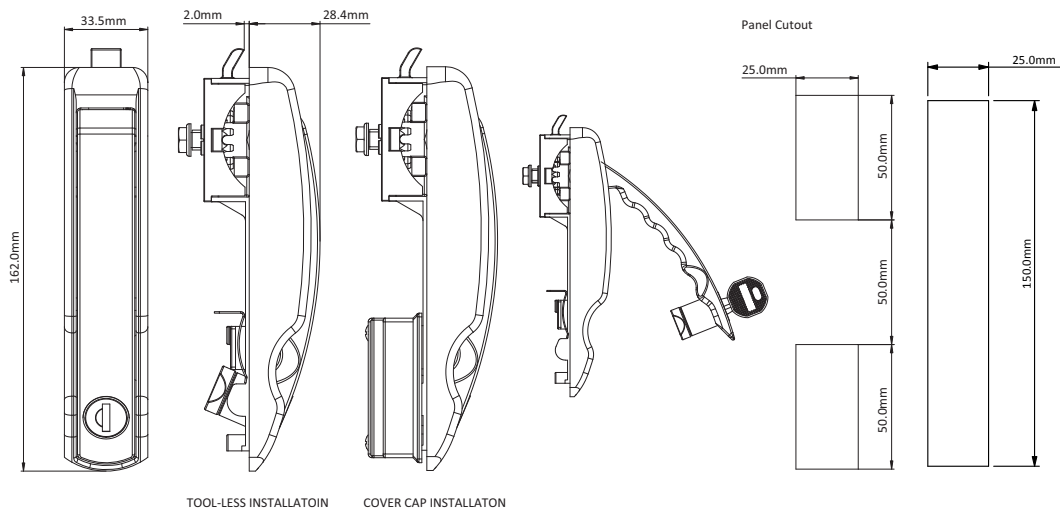
Material

Escutcheon: PA 30% glass filled

Handle: PA 30% glass filled

Gears: Die cast zinc

All other components: Zinc plated mild steel



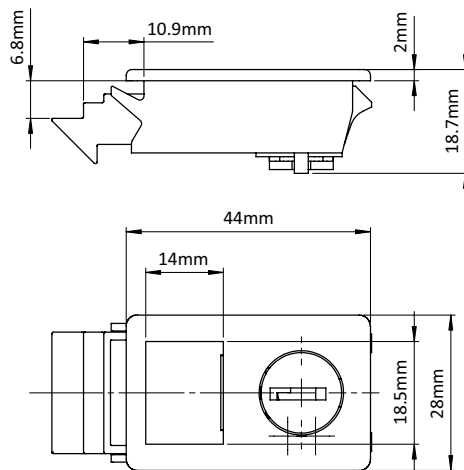
Mounting panel thickness 1.0-2.0mm

	Standard Operation		Spring Assist Operation		Constant Friction Operation	
	Door Hinged Right Side	Door Hinged Left Side	Door Hinged Right Side	Door Hinged Left Side	Door Hinged Right Side	Door Hinged Left Side
Tool-Less Installation	PT0813569	PT0850112	PT0813569S01	PT0850112S01	PT0813569S02	PT0850112S02
Dust Cap Installation	PT0850111	PT0850113	PT0850111S01	PT0850113S01	PT0850111S02	PT0850113S02

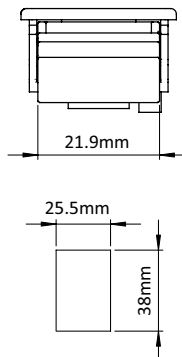
Slide Latch Key Lockable / Snap In

Benefits

- Fits into 25.5mm X 38.0mm cutout
- Standard FH333 cylinder lock
Other lock options available on request
- Snap in installation
- Also available without key locking



Panel Cutout



Material

PA 30% glass filled

Slide Latch

Part #

Key Lockable / Snap In

PT0810094S01

Gravity Latch

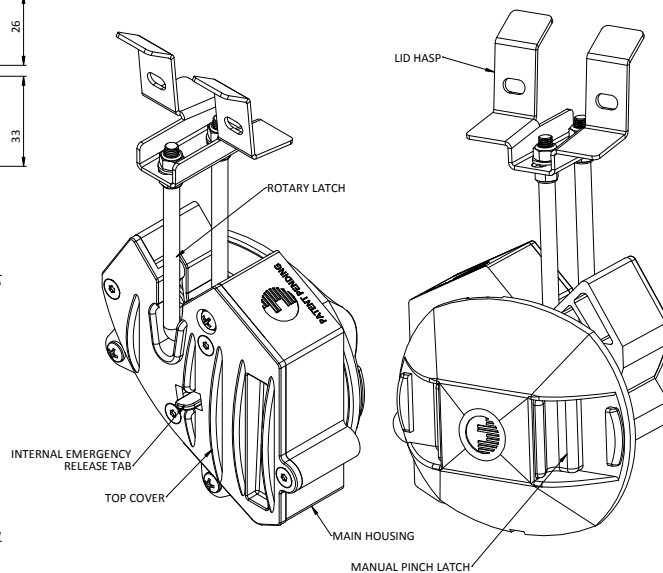
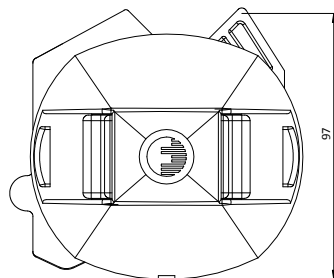
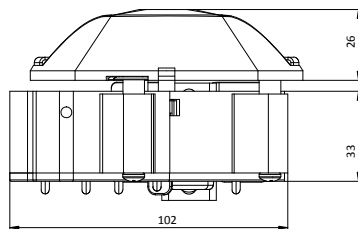
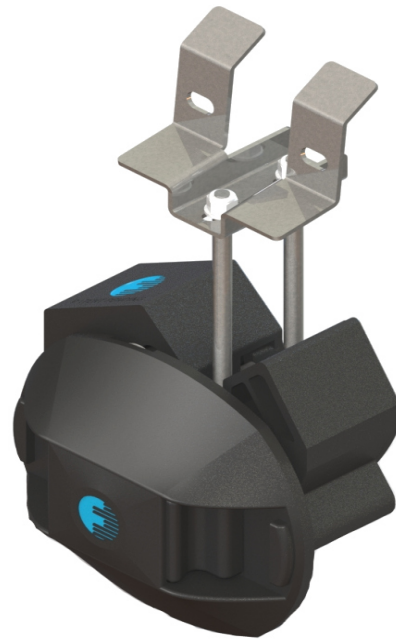
Benefits

- Reliably makes garbage bins resistant to animals
- Opens automatically for garbage automated garbage truck hauling
- Remains closed when bin is tossed
- Compatible with a wide range of different bins sizes, styles and manufacturers
- Easy to open Pinch Latch for the home owner

Material

- PA 30% glass filled
- Die cast zinc
- 316 Stainless Steel

All Hardware:
316 Stainless Steel



Universal Gravity Latch

PT0850166

Lid Hasp is Customized For Each Bin Manufacturer

Environmental Lab Corrosion Test Chamber

**NEW
TESTING
CAPABILITY**

Singleton Corp SCCH 21 Corrosion Test Chamber

Salt fog, CASS, Corrodkote, Humidity

Performs a wide range of accelerated
corrosion tests including

- ASTM B117
- ASTM B368 (CASS)
- ASTM D1735

- ISO 9227
- DIN 50027
- ASTM G85
(A1)(A2)(A3)(A4)



ASTM Certified Technicians
Application and Use Of Salt Fog,
Humidity, Cyclic and Gas Tests

INDUSTRIAL HARDWARE

CHAPTER 1: QUARTER TURN LOCKS



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SMALL QUARTER TURN LOCKS

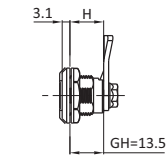
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc

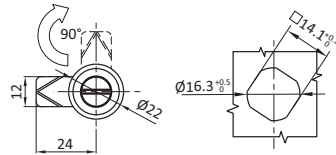
Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4

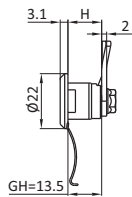
With Nut Mounting



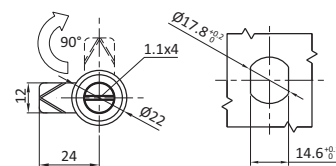
Panel Cutout A



With Spring Fixing Plate



Panel Cutout B



Handle Type



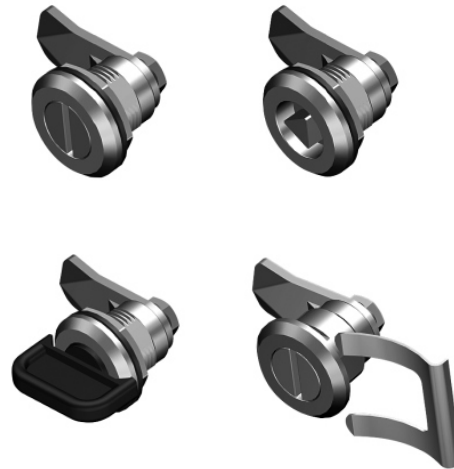
Triangular 6.5mm



Square 6mm



Slot 1.5



Small Quarter Turn Locks

	Cylinder style	Cam style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	316 SS
Nut mounting	Square 6.0mm	H = 7.5 mm	PT0810448	PT0810447	PT0810591
		H = 13.5 mm	PT0810596	PT0810595	PT0810597
		H = 19.5 mm	PT0810608	PT0810607	PT0810609
	Triangular 6.5mm	H = 7.5 mm	PT0810450	PT0810449	PT0810592
		H = 13.5 mm	PT0810599	PT0810598	PT0810600
		H = 19.5 mm	PT0810611	PT0810610	PT0810612
	Slot 1.5mm	H = 7.5 mm	PT0810452	PT0810451	PT0810593
		H = 13.5 mm	PT0810602	PT0810601	PT0810603
		H = 19.5 mm	PT0810614	PT0810613	PT0810615
	Handle type	H = 7.5 mm	PT0810454	PT0810453	PT0810594
		H = 13.5 mm	PT0810605	PT0810604	PT0810606
		H = 19.5 mm	PT0810617	PT0810616	PT0810618
Spring mounting	Square 6.0mm	H = 7.5 mm	PT0810620	PT0810619	PT0810621
		H = 13.5 mm	PT0810632	PT0810631	PT0810633
		H = 19.5 mm	PT0810644	PT0810643	PT0810645
	Triangular 6.5mm	H = 7.5 mm	PT0810623	PT0810622	PT0810624
		H = 13.5 mm	PT0810635	PT0810634	PT0810636
		H = 19.5 mm	PT0810647	PT0810646	PT0810648
	Slot 1.5mm	H = 7.5 mm	PT0810626	PT0810625	PT0810627
		H = 13.5 mm	PT0810638	PT0810637	PT0810639
		H = 19.5 mm	PT0810650	PT0810649	PT0810651
	Handle type	H = 7.5 mm	PT0810629	PT0810628	PT0810630
		H = 13.5 mm	PT0810641	PT0810640	PT0810642
		H = 19.5 mm	PT0810653	PT0810652	PT0810654

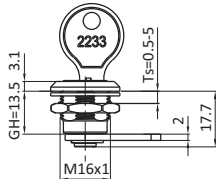
SMALL KEYED QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.
Key code 2233

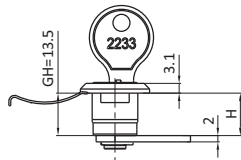
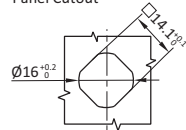
Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Key code FH2233

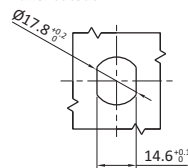


Panel Cutout



Spring Fixing Plate

Panel Cutout B



Small Keyed Quarter Turn Locks

Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

	Nut mount	PT0810524	PT0810525
	Spring mount	PT0811003	PT0811004

Accessories see pages 114-119

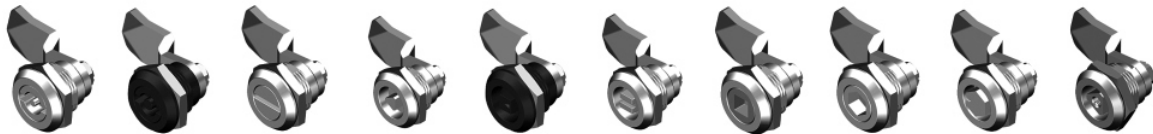
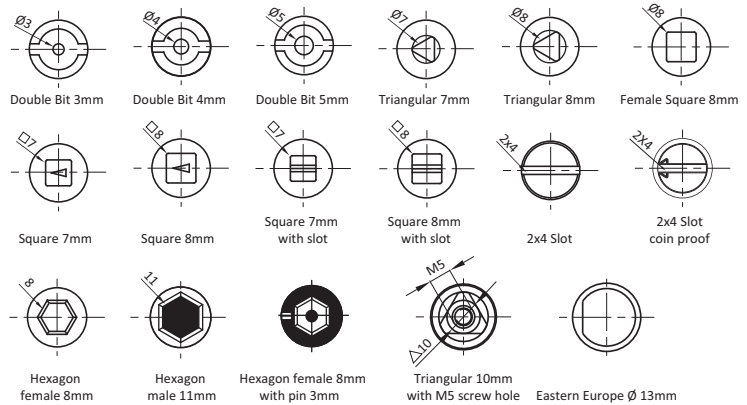
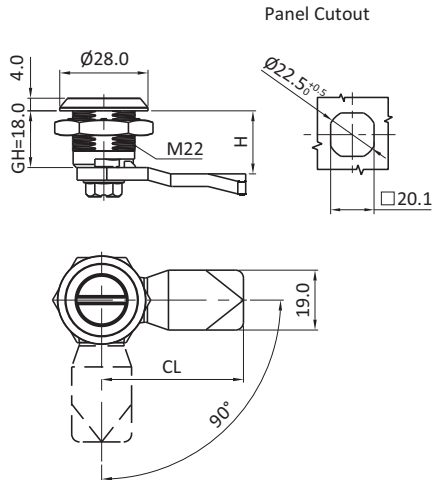
QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Die-cast zinc / 304 stainless steel / PA

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



Insert Type	Size [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	PA Housing with Die-cast Zinc Insert	SS 304
Double bit	3.0	PT0810142	PT0810124	PT0810534	PT0810159
Double bit	4.0	PT0810143	PT0810125	PT0810535	PT0810160
Double bit	5.0	PT0810144	PT0810126	PT0810536	PT0810161
2 x 4 slot		PT0810145	PT0810127	PT0810537	PT0810127E
Coin Proof		PT0810145S01	PT0810145S02	PT0810538	
Triangular	7.0	PT0810146	PT0810128	PT0810539	PT0810162
Triangular	8.0	PT0810147	PT0810129	PT0810540	PT0810163
Square	6.0	PT0810554	PT0810555	PT0810541	
Square	7.0	PT0810148	PT0810130	PT0810542	PT0810164
Square	8.0	PT0810149	PT0810131	PT0810543	PT0810165
Square with slot	7.0	PT0810150	PT0810132	PT0810544	*
Square with slot	8.0	PT0810151	PT0810133	PT0810545	*
Female square	7.0	PT0810152	PT0810134	PT0810546	*
Female hexagon	8.0	PT0810153	PT0810135	PT0810547	*
Female hexagon	9.0	PT0810153S01	PT0810135S01	PT0810548	*
Female hexagon	10.0	PT0810560	PT0810561	PT0810549	*
Female hexagon with 3 mm pin (Bellcore Standard)	5/16"	PT0810154	PT0810136	PT0810550	*
Male hexagon	11.0	PT0810155	PT0810137	PT0810551	*
Eastern Europe	13.0	PT0810556	PT0810557	PT0810552	*
Triangular with M5 Screw Hole	10.0	PT0810558	PT0810559	PT0810553	*
Keyed FH333		PT0810141	PT0810123		PT0810123E

Compatible cams see pages 195-202
Accessories see pages 114-119

* Special order

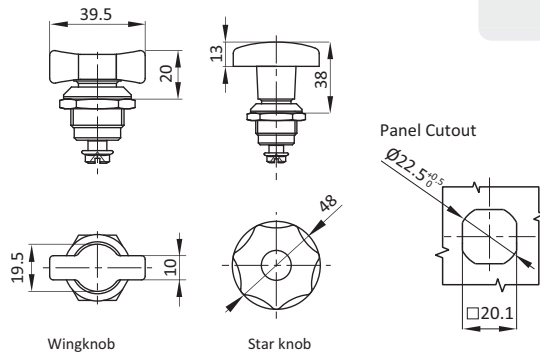
QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc
Cam: Mild steel

Surface Black powder coated / chrome plated
Cam: Zinc plated

Specials Right and left
IP65 / NEMA 4
Keyed different on request
FH751 Key code on request



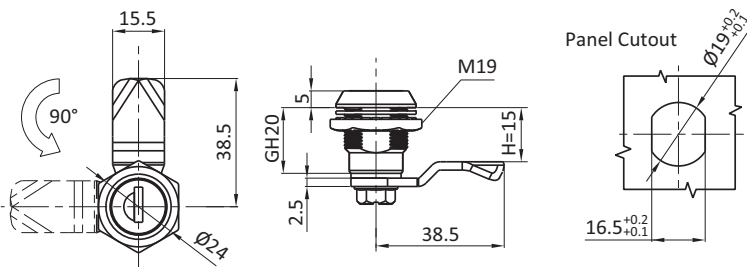
Quarter Turn Locks

Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Wing knob	PT0810156	PT0810138
Star knob	PT0810158	PT0810140

Compatible cams see pages 195-202
Accessories see pages 114-119



Quarter Turn Locks

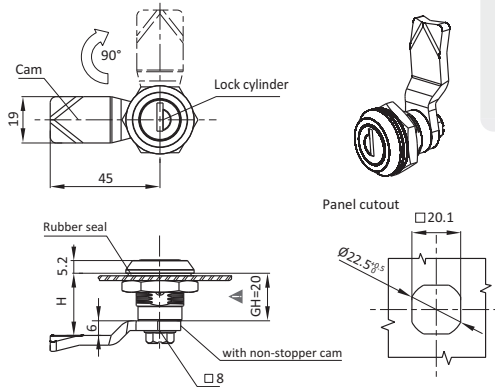
Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Key lock	PT0810714	PT0810715
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Compatible cams see pages 195-202
Accessories see pages 114-119
Keyed different on request
FH751 key code on request

QUARTER TURN LOCK



Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



Quarter Turn Lock

Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Key can be removed in open and closed position

[PT0811013](#)

[PT0811014](#)

Key can not be removed in open position

[PT0811015](#)

[PT0811016](#)

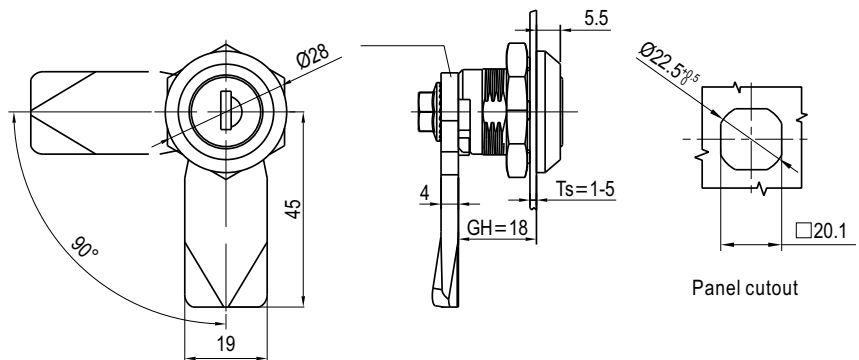
Compatible cams see pages 195-202
Accessories see pages 114-119

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated / PA

Specials Right and left
IP65 / NEMA 4



Quarter Turn Lock

Die-cast Zinc,
Chrome Plated

Die-cast Zinc,
Black Powder

PA

Keyed FH333

[PT0811013](#)

[PT0810141](#)

[PT0810141K](#)

Compatible cams see pages 195-202
Accessories see pages 114-119

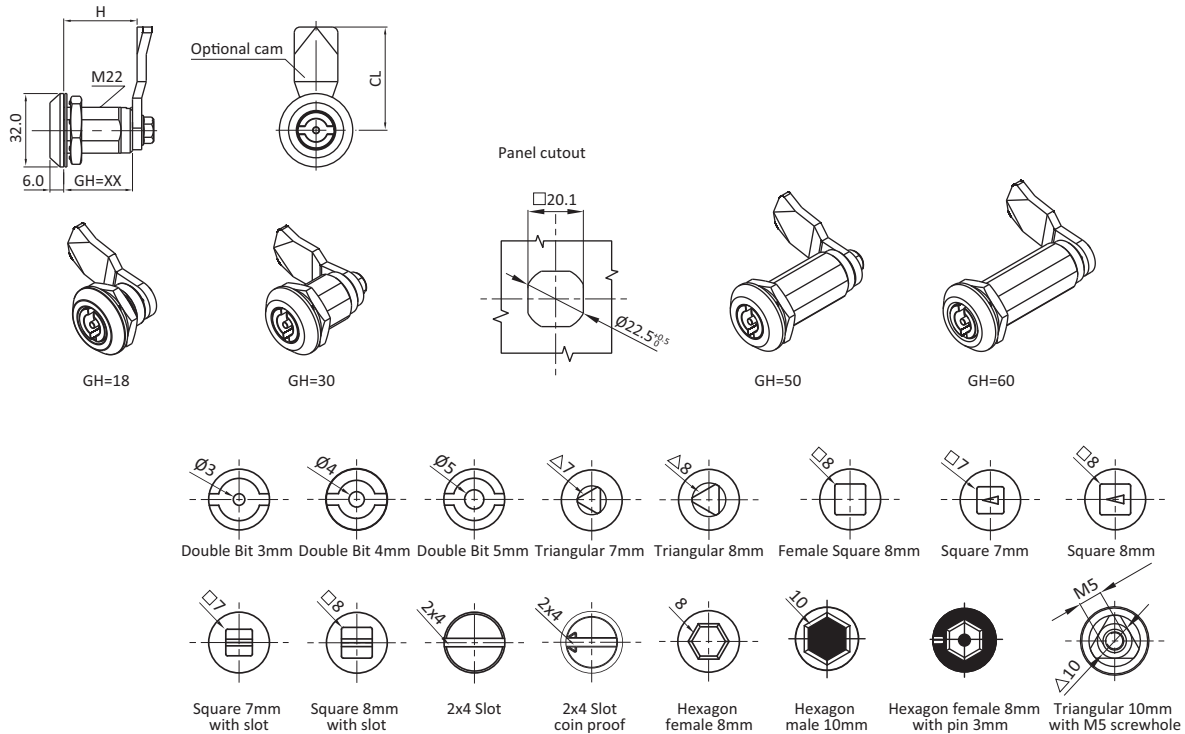
QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps with padlock option.
Wide range of inserts, cams, and accessories.
Two and four padlock holes.

Material Die-cast zinc / stainless steel

Surface Black powder coated

Specials Right and left



Quarter Turn Locks	Cylinder type	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	PA Housing and die cast insert	Full 316 SS
Housing GH = 18	Double bit 3mm	PT0810729	PT0810730	PT0810731	PT0810732
	Double bit 4mm	PT0810737	PT0810738	PT0810739	PT0810740
	Double bit 5mm	PT0810745	PT0810746	PT0810747	PT0810748
	Slot 2 x 4	PT0810753	PT0810754	PT0810755	PT0810756
	Slot 2 x 4 coin proof	PT0810761	PT0810762	PT0810763	PT0810764
	Triangular 7mm	PT0810769	PT0810770	PT0810771	PT0810772
	Triangular 8mm	PT0810777	PT0810778	PT0810779	PT0810780
	Square 7mm	PT0810785	PT0810786	PT0810787	PT0810788
	Square 8mm	PT0810793	PT0810794	PT0810795	PT0810796
	Square 7mm with slot	PT0810801	PT0810802	PT0810803	PT0810804
	Square 8mm with slot	PT0810809	PT0810810	PT0810811	PT0810812
	Square 8mm female	PT0810817	PT0810818	PT0810819	PT0810820
	Hexagon 8mm female	PT0810825	PT0810826	PT0810827	PT0810828
	Hexagon 9mm female	PT0810833	PT0810834	PT0810835	PT0810836
	Hexagon 8mm female with 3mm pin	PT0810841	PT0810842	PT0810843	PT0810844
	Hexagon male 11mm	PT0810849	PT0810850	PT0810851	PT0810852
	Triangular 10mm with M5 screw hole	PT0810857	PT0810858	PT0810859	PT0810860

Quarter Turn Locks	Cylinder type	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	PA Housing and die cast insert	Full 316 SS
Housing GH = 30	Double bit 3mm	PT0810733	PT0810734	PT0810735	PT0810736
	Double bit 4mm	PT0810741	PT0810742	PT0810743	PT0810744
	Double bit 5mm	PT0810749	PT0810750	PT0810751	PT0810752
	Slot 2 x 4	PT0810757	PT0810758	PT0810759	PT0810760
	Slot 2 x 4 coin proof	PT0810765	PT0810766	PT0810767	PT0810768
	Triangular 7mm	PT0810773	PT0810774	PT0810775	PT0810776
	Triangular 8mm	PT0810781	PT0810782	PT0810783	PT0810784
	Square 7mm	PT0810789	PT0810790	PT0810791	PT0810792
	Square 8mm	PT0810797	PT0810798	PT0810799	PT0810800
	Square 7mm with slot	PT0810805	PT0810806	PT0810807	PT0810808
	Square 8mm with slot	PT0810813	PT0810814	PT0810815	PT0810816
	Square 8mm female	PT0810821	PT0810822	PT0810823	PT0810824
	Hexagon 8mm female	PT0810829	PT0810830	PT0810831	PT0810832
	Hexagon 9mm female	PT0810837	PT0810838	PT0810839	PT0810840
	Hexagon 8mm female with 3mm pin	PT0810845	PT0810846	PT0810847	PT0810848
	Hexagon male 11mm	PT0810853	PT0810854	PT0810855	PT0810856
	Triangular 10mm with M5 screw hole	PT0810861	PT0810862	PT0810863	PT0810864
Housing GH = 36	Double bit 3mm	PT0810865	PT0810866	PT0810867	PT0810868
	Double bit 4mm	PT0810873	PT0810874	PT0810875	PT0810876
	Double bit 5mm	PT0810881	PT0810882	PT0810883	PT0810884
	Slot 2 x 4	PT0810889	PT0810890	PT0810891	PT0810892
	Slot 2 x 4 coin proof	PT0810897	PT0810898	PT0810899	PT0810900
	Triangular 7mm	PT0810905	PT0810906	PT0810907	PT0810908
	Triangular 8mm	PT0810913	PT0810914	PT0810915	PT0810916
	Square 7mm	PT0810921	PT0810922	PT0810923	PT0810924
	Square 8mm	PT0810929	PT0810930	PT0810931	PT0810932
	Square 7mm with slot	PT0810937	PT0810938	PT0810939	PT0810940
	Square 8mm with slot	PT0810945	PT0810946	PT0810947	PT0810948
	Square 8mm female	PT0810953	PT0810954	PT0810955	PT0810956
	Hexagon 8mm female	PT0810961	PT0810962	PT0810963	PT0810964
	Hexagon 9mm female	PT0810969	PT0810970	PT0810971	PT0810972
	Hexagon 8mm female with 3mm pin	PT0810977	PT0810978	PT0810979	PT0810980
	Hexagon male 11mm	PT0810985	PT0810986	PT0810987	PT0810988
	Triangular 10mm with M5 screw hole	PT0810993	PT0810994	PT0810995	PT0810996
Housing GH = 40	Double bit 3mm	PT0810869	PT0810870	PT0810871	PT0810872
	Double bit 4mm	PT0810877	PT0810878	PT0810879	PT0810880
	Double bit 5mm	PT0810885	PT0810886	PT0810887	PT0810888
	Slot 2 x 4	PT0810893	PT0810894	PT0810895	PT0810896
	Slot 2 x 4 coin proof	PT0810901	PT0810902	PT0810903	PT0810904
	Triangular 7mm	PT0810909	PT0810910	PT0810911	PT0810912
	Triangular 8mm	PT0810917	PT0810918	PT0810919	PT0810920
	Square 7mm	PT0810925	PT0810926	PT0810927	PT0810928
	Square 8mm	PT0810933	PT0810934	PT0810935	PT0810936
	Square 7mm with slot	PT0810941	PT0810942	PT0810943	PT0810944
	Square 8mm with slot	PT0810949	PT0810950	PT0810951	PT0810952
	Square 8mm female	PT0810957	PT0810958	PT0810959	PT0810960
	Hexagon 8mm female	PT0810965	PT0810966	PT0810967	PT0810968
	Hexagon 9mm female	PT0810973	PT0810974	PT0810975	PT0810976
	Hexagon 8mm female with 3mm pin	PT0810981	PT0810982	PT0810983	PT0810984
	Hexagon male 11mm	PT0810989	PT0810990	PT0810991	PT0810992
	Triangular 10mm with M5 screw hole	PT0810997	PT0810998	PT0810999	PT08101000

Compatible cams see pages 195-202
Accessories see pages 114-119

QUARTER TURN LOCKS

Housing	Cylinder Type	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
GH = 50	Double bit 3mm	PT0850043	PT0850044
	Double bit 4mm	PT0850047	PT0850048
	Double bit 5mm	PT0850051	PT0850052
	Slot 2 x 4	PT0850055	PT0850056
	Slot 2 x 4 coin proof	PT0850059	PT0850060
	Triangular 7mm	PT0850063	PT0850064
	Triangular 8mm	PT0850067	PT0850068
	Square 7mm	PT0850071	PT0850072
	Square 8mm	PT0850075	PT0850076
	Square 7mm with slot	PT0850079	PT0850080
	Square 8mm with slot	PT0850083	PT0850084
	Square 8mm female	PT0850087	PT0850088
	Hexagon 8mm female	PT0850091	PT0850092
	Hexagon 9mm female	PT0850095	PT0850096
	Hexagon 8mm female with 3mm pin	PT0850099	PT0850100
	Hexagon male 10mm	PT0850103	PT0850104
	Triangular 10mm with M5 screw hole	PT0850107	PT0850108
GH = 60	Double bit 3mm	PT0850045	PT0850046
	Double bit 4mm	PT0850049	PT0850050
	Double bit 5mm	PT0850053	PT0850054
	Slot 2 x 4	PT0850057	PT0850058
	Slot 2 x 4 coin proof	PT0850061	PT0850062
	Triangular 7mm	PT0850065	PT0850066
	Triangular 8mm	PT0850069	PT0850070
	Square 7mm	PT0850073	PT0850074
	Square 8mm	PT0850077	PT0850078
	Square 7mm with slot	PT0850081	PT0850082
	Square 8mm with slot	PT0850085	PT0850086
	Square 8mm female	PT0850089	PT0850090
	Hexagon 8mm female	PT0850093	PT0850094
	Hexagon 9mm female	PT0850097	PT0850098
	Hexagon 8mm female with 3mm pin	PT0850101	PT0850102
	Hexagon male 10mm	PT0850105	PT0850106
	Triangular 10mm with M5 screw hole	PT0850109	PT0850110

Compatible cams see pages 195-202
Accessories see pages 114-119

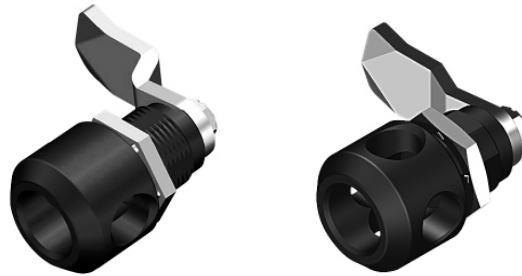
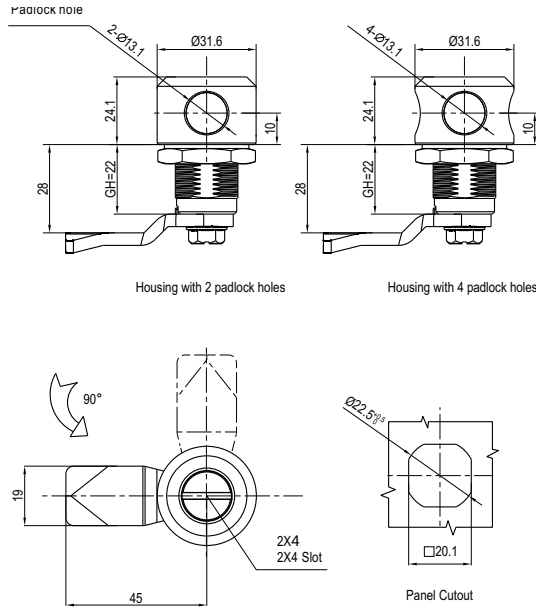
PAD LOCK COMPATIBLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps with padlock option.
Wide range of inserts, cams, and accessories.
Two and four padlock holes.

Material Die-cast zinc / stainless steel

Surface Black powder coated

Specials Right and left



Pad Lock Compatible Quarter Turn Locks	Insert Type	GH = 18 Die-cast Zinc black powder coated	GH = 22 Die-cast Zinc black powder coated	GH = 22 Full 316 SS
Housing with two padlock holes	Double bit 3mm	PT0810563	PT0810571	PT0810579
	Double bit 4mm	PT0810564	PT0810572	PT0810580
	Double bit 5mm	PT0810565	PT0810573	PT0810581
	Slot 2 X 4	PT0810566	PT0810574	PT0810582
	Triangular 7mm	PT0810567	PT0810575	PT0810583
	Triangular 8mm	PT0810568	PT0810576	PT0810584
	Square 7mm	PT0810569	PT0810577	PT0810585
	Square 8mm	PT0810570	PT0810578	PT0810586
Housing with four padlock holes	Double bit 3mm	PT0811142	PT0812142	PT0812142E
	Double bit 4mm	PT0811143	PT0812143	PT0812143E
	Double bit 5mm	PT0811144	PT0812144	PT0812144E
	Slot 2 X 4	PT0811145	PT0812145	PT0812145E
	Triangular 7mm	PT0811146	PT0812146	PT0812146E
	Triangular 8mm	PT0811147	PT0812147	PT0812147E
	Square 7mm	PT0811148	PT0812148	PT0812148E
	Square 8mm	PT0811149	PT0812149	PT0812149E

Compatible cams see pages 195-202
Accessories see pages 114-119

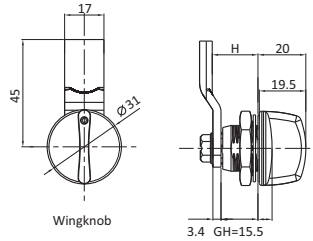
LOW PROFILE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of cams and accessories.

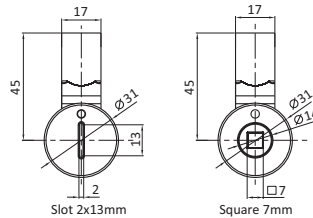
Material Die-cast zinc
Cam: Mild steel

Surface Black powder coated / chrome plated
Cam: Zinc plated

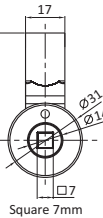
Specials Right and left
IP65 / NEMA 4



Wingknob

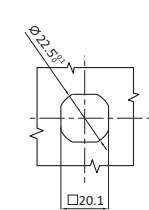


Slot 2x13mm



Square 7mm

Panel cutout



Insert Type	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Short wingknob	PT0811017	PT0811020
Long wingknob	PT0811018	PT0811021
Slot 2 x 4	PT0811019	PT0811022

Compatible cams see pages 195-202
Accessories see pages 114-119

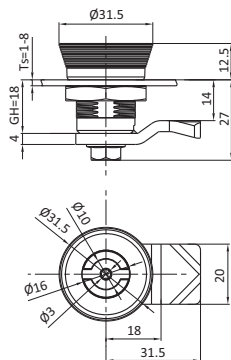
QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of cams, and accessories.

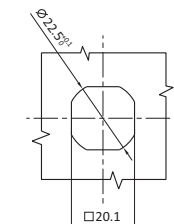
Material Die-cast zinc
Cam: Mild steel

Surface Black powder coated / Cup: Turquoise
Cam: Zinc plated

Specials Right and left



Panel cutout



Insert Type	Die-cast Zinc, black powder coated	Die-cast Zinc, cup Turquoise
Double bit 3mm	PT0811023	PT0811024

Compatible cams see pages 195-202
Accessories see pages 114-119

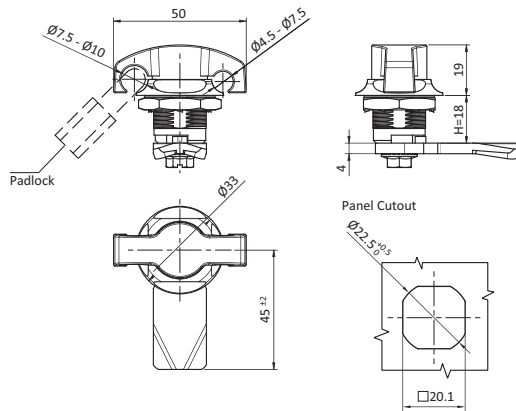
PAD LOCK COMPATIBLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of cams and accessories.

Material Die-cast zinc / stainless steel

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Stainless steel

PT0810182

PT0810182C

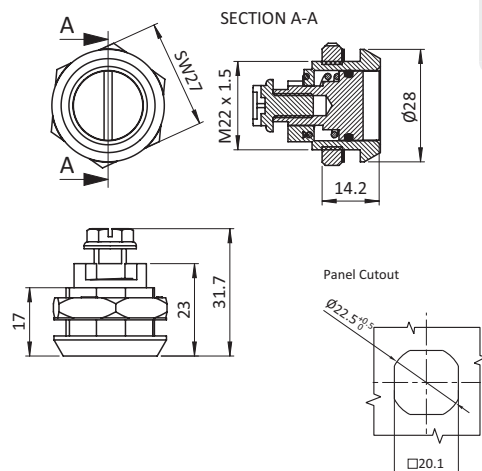
PT0810182E

Compatible cams see pages 195-202
Accessories see pages 114-119

SPRING STYLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of cams and accessories.

Material 316 SS



Spring Style Quarter Turn Locks

Stainless Steel

2 x 4 slot

PT0810127ES01

Compatible cams see pages 195-202
Accessories see pages 114-119

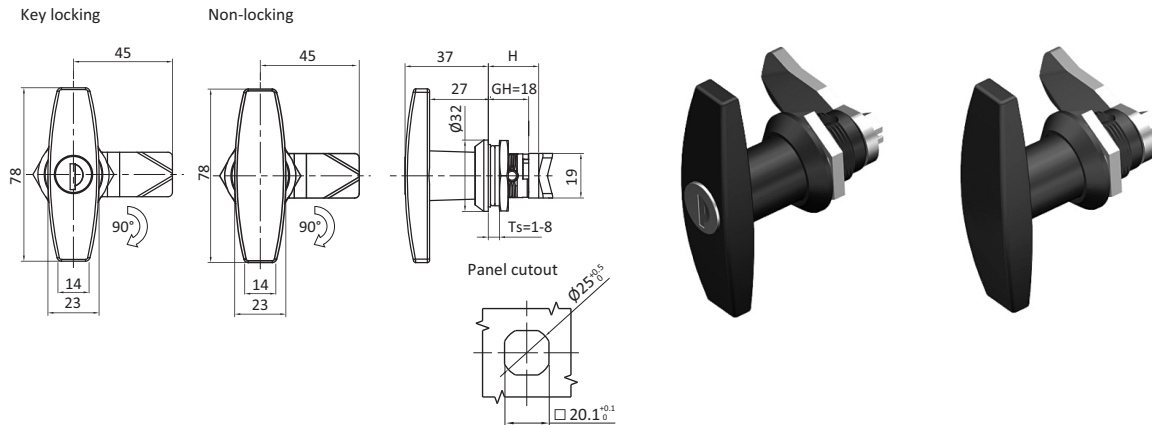
T-HANDLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc / stainless steel / PA

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



T-Handle Quarter Turn Locks

	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	Stainless Steel	PA
Key locking	PT0810103	PT0810105	PT0810105E	PT0810002
Non-locking	PT0810104	PT0810106	PT0810107	PT0810001
Phillips Insert	PT0810103S01			

Compatible cams see pages 195-202

Accessories see pages 114-119

Keyed differently on request

FH751 key code on request

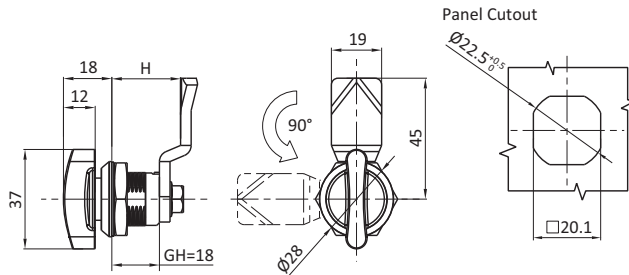
QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of cams and accessories.

Material Die-cast zinc/316 SS

Surface Black powder coated / chrome plated

Specials Right and Left
IP65 / NEMA 4



Quarter Turn Lock Small Wing

Insert Type

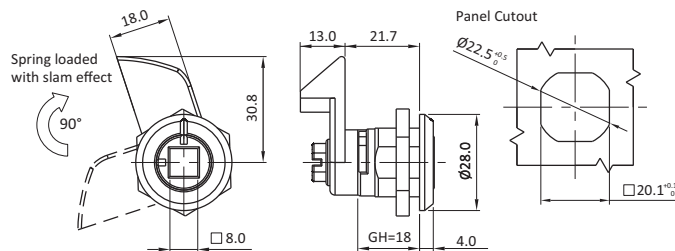
Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Small wing

PT0810725

PT0810726



Quarter Turn Lock Slam Cam

Insert Type

Version

316 SS

Square female 8mm

Left hand

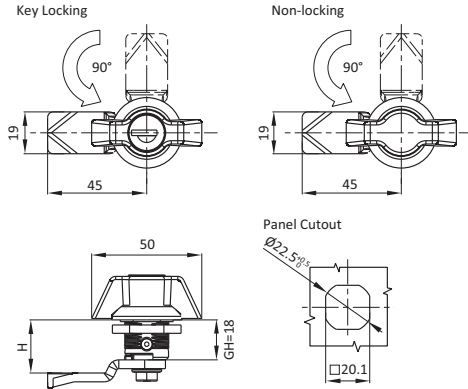
PT0810727

Right hand

PT0810728

Compatible cams see pages 195-202
Accessories see pages 114-119

WINGKNOB QUARTER TURN LOCKS

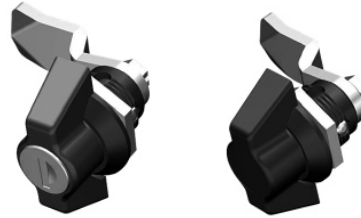


Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Die-cast zinc / 316 SS

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4
Keyed different on request



Wingknob Quarter Turn Locks

Die-cast Zinc,
black powder coated

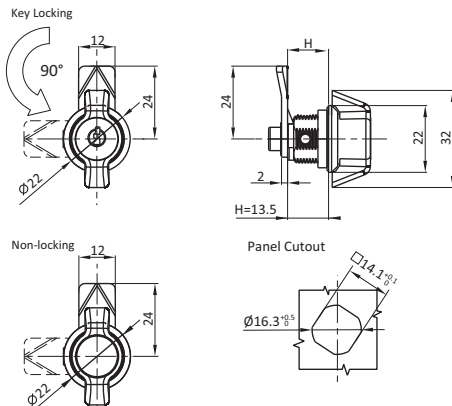
Die-cast Zinc,
chrome plated

316 SS

	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	316 SS
FH333 Key locking	PT0810168	PT0810166	PT0810166E
Non-locking	PT0810169	PT0810167	PT0810167E

Compatible cams see pages 195-202
Accessories see pages 114-119

SMALL WINGKNOB QUARTER TURN LOCKS

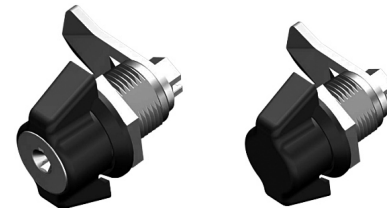


Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



Small Wingknob Quarter Turn Lock

H Dimension [mm]

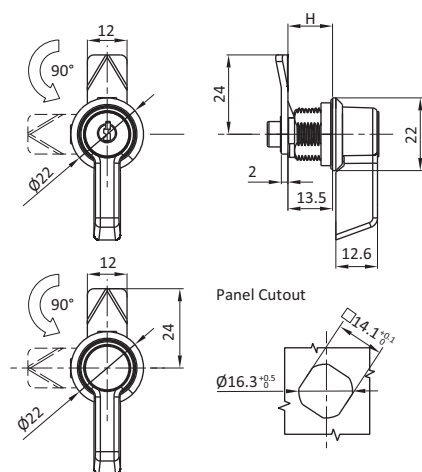
Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

	H Dimension [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Non-locking	7.5	PT0810177S03	PT0810175S01
	13.5	PT0810177	PT0810175
	19.5	PT0810177S04	PT0810175S02
Key locking	7.5	PT0810176S05	PT0810174S01
	13.5	PT0810176	PT0810174
	19.5	PT0810176S06	PT0810174S02

Compatible cams see pages 195-202
Accessories see pages 114-119

L-SHAPE QUARTER TURN LOCKS

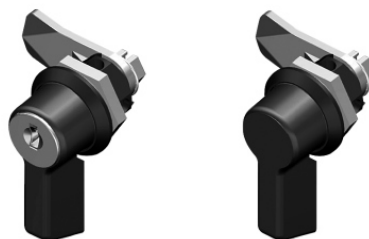


Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Key code FH2233
Keyed different on request
FH751 key code on request



L-Shape Quarter Turn Lock	H Dimension [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Non-locking	7.5	PT0810455	PT0810456
	13.5	PT0811005	PT0811009
	19.5	PT0811006	PT0811010
Key locking	7.5	PT0810457	PT0810458
	13.5	PT0811007	PT0811011
	19.5	PT0811008	PT0811012

Compatible cams see pages 195-202
Accessories see pages 114-119

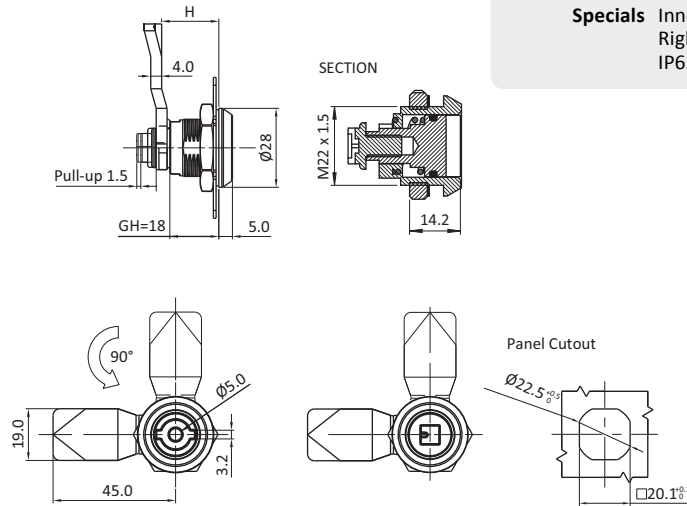
QUARTER TURN LOCK

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

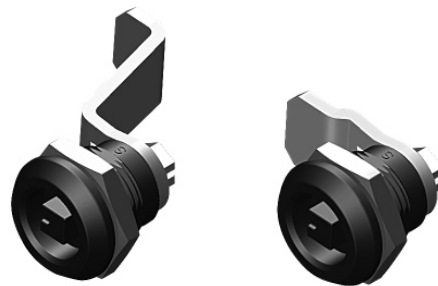
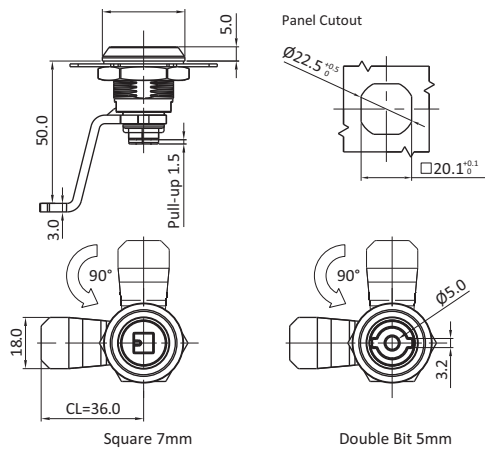
Material Die-cast zinc / 316 SS
Cam: Mild steel

Surface Black powder coated / chrome plated / RAL 7016 powder coated
Cam: Zinc plated

Specials Inner spring, O-ring, Pull up 1.5mm
Right and left
IP65 / NEMA 4



A	Cylinder Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	316 SS
	Double bit 5.0mm	PT0810716	PT0810717	
	Square 7.0mm	PT0810718	PT0810719	
	Slot 2 x 4			PT0810720



B	Cylinder Style	Cylinder dimensions	Die-cast Zinc, RAL 7016 powder coated
	Double bit 5.0 mm	S01:CL=30,H=16	PT0810721
		S02:CL=36,H=50	PT0810722
	Square 7 mm	S01:CL=30,H=16	PT0810723
		S02:CL=36,H=50	PT0810724

Compatible cams see pages 195-202
Accessories see pages 114-119

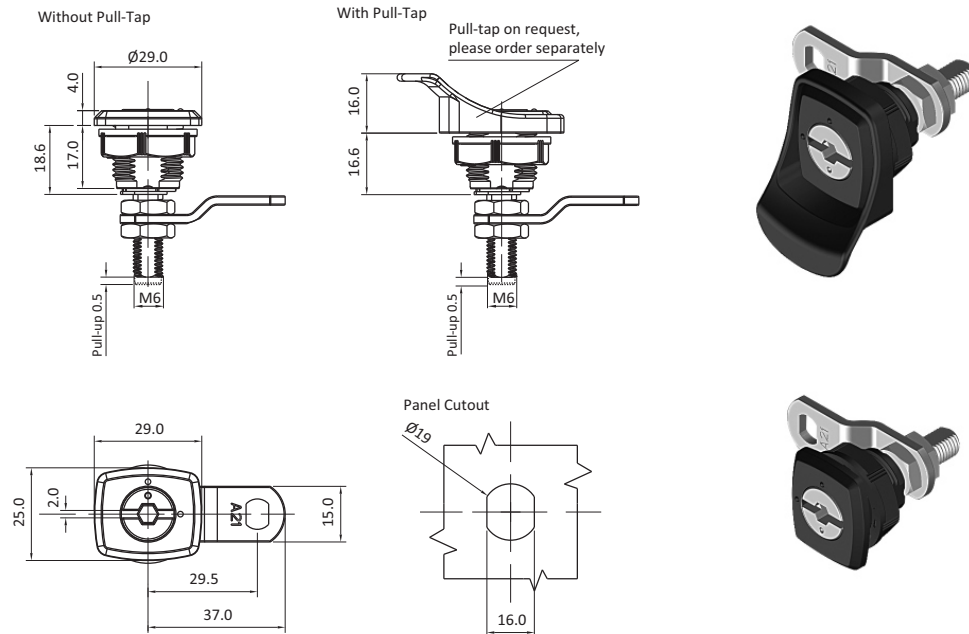
VIBRATION RESISTANT QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of cams and accessories.

Material Die-cast zinc
Housing and pull: PA
Cam: Mild Steel

Surface Black powder coated / chrome plated
Cam: Zinc plated

Specials Right and left



Grip Range MIN – MAX						
Shaft Style	Cylinder Style	without Pull Tab		with Pull Tab		Part #
		Cam forward	Cam reversed	Cam forward	Cam reversed	
Long Shaft	Hex female 5mm with slot insert	19-28	29-38	17-26	37-36	PT0811025
		14-23	34-43	17-21	32-34	PT0811026
		9-18	39-48	7-16	37-46	PT0811027
		24-33		22-31		PT0811028

Compatible cams see pages 195-202
Accessories see pages 114-119

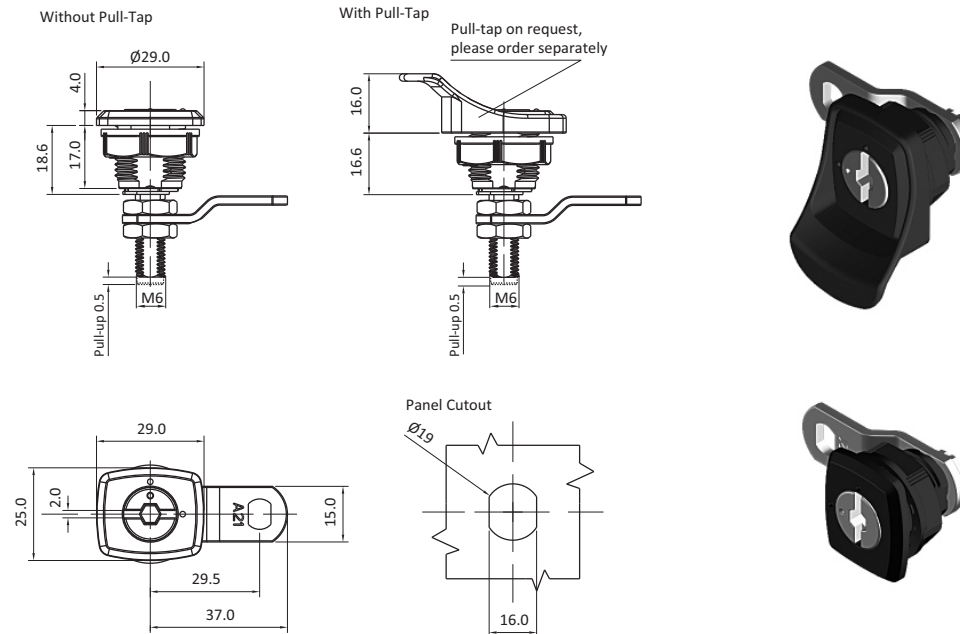
VIBRATION RESISTANT QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of cams and accessories.

Material Die-cast zinc
Housing and pull: PA
Cam: Mild Steel

Surface Black powder coated / chrome plated
Cam: Zinc plated

Specials Right and left



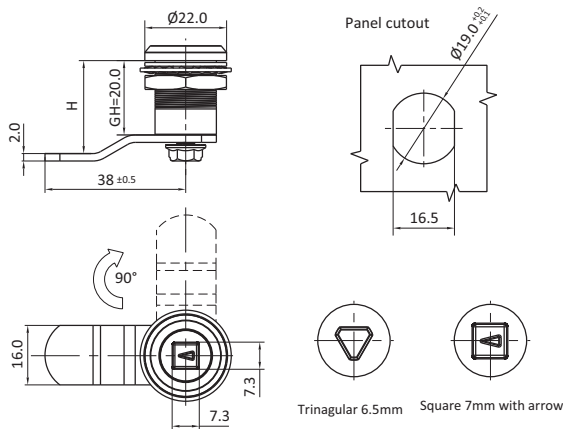
Grip Range MIN – MAX						
Shaft Style	Cylinder Style	without Pull Tab		with Pull Tab		Part #
		Cam forward	Cam reversed	Cam forward	Cam reversed	
Short Shaft	Hex female 5mm with slot insert	13.6	23.6	11.6	21.6	PT0811029
		8.6	28.6	6.6	26.6	PT0811030
		3.6	33.6	1.6	31.6	PT0811031
		18.6		22-31		PT0811032

QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
 Wide range of cams and accessories.

Material Die-cast zinc

Specials Right and left



Push To Close Quarter Turn Locks

Cylinder Style

GH = 20
 Die-cast Zinc

Non-locking

Square 7mm with arrow

[PT0810666](#)

Triangular 6.5mm

[PT0810667](#)

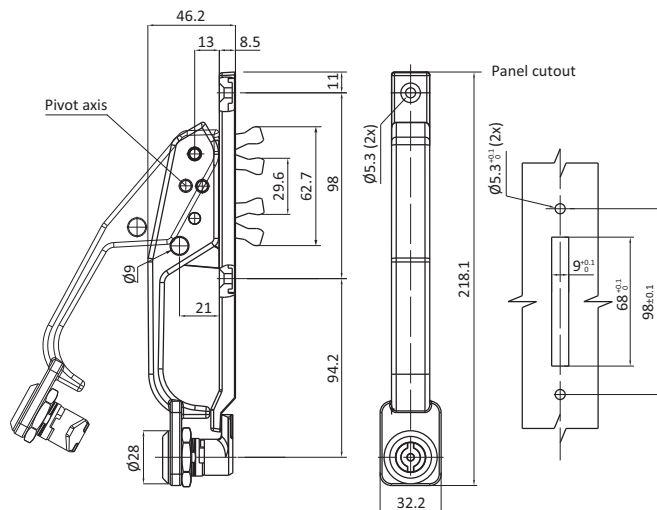
LEVER HANDLE LOCK

Description For easy and secure latching and locking of doors and flaps. Wide range of cams and accessories.

Material Die-cast zinc

Surface Black Powder Coat / Black E-Coat / RAL 7012 Powder Coat

Specials Double Bit 4mm Insert



Push To Close Quarter Turn Locks

Die-cast Zinc,
black powder coated

Die-cast Zinc,
black E-coated

Die-cast Zinc,
RAL 7012 powder coated

PT0810121

PT0810122

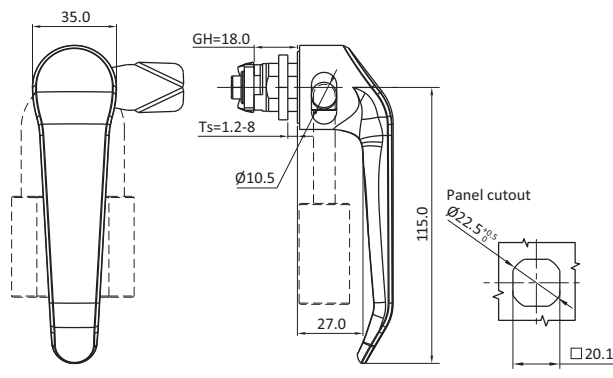
PT0811037

LEVER HANDLE LOCK

Description For easy and secure latching and locking of doors and flaps. Wide range of cams and accessories.

Material 316 SS, Die Cast zinc

Specials Pad lock compatible



Push To Close Quarter Turn Locks

Die cast Zinc/Black Powder coat

316 SS

PT0811038S01

PT0811038

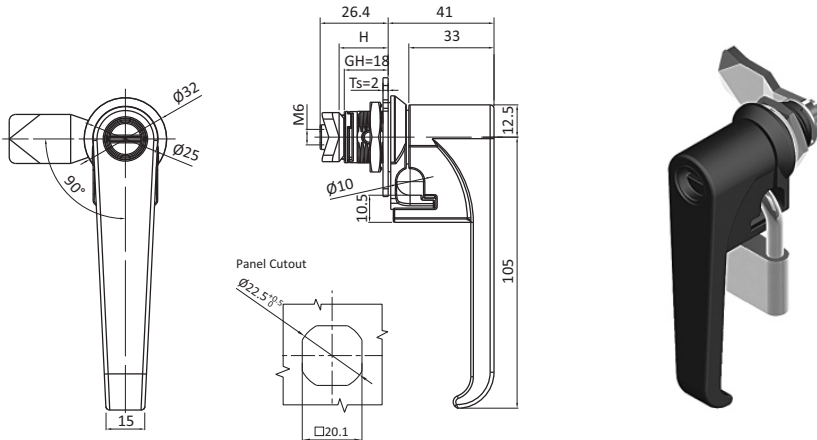
PAD LOCK COMPATIBLE L-HANDLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Right and left
 IP65 / NEMA 4



Pad Lock Compatible L-Handle Quarter Turn Locks

Die-cast Zinc,
 black powder coated

Die-cast Zinc,
 chrome plated

2 x 4 coin proof	PT0810114S03	PT0810437
Non-locking	PT0811002	PT0810438

Compatible cams see pages 195-202
 Accessories see pages 114-119

L-HANDLE QUARTER TURN LOCKS

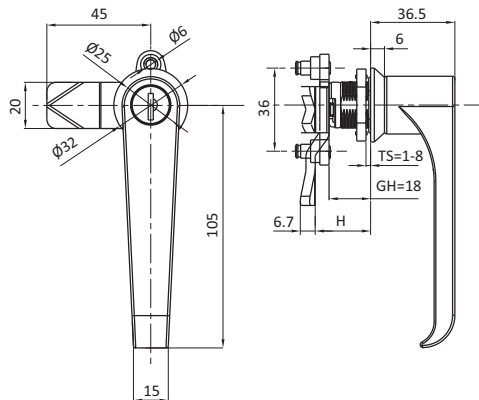
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc / stainless steel

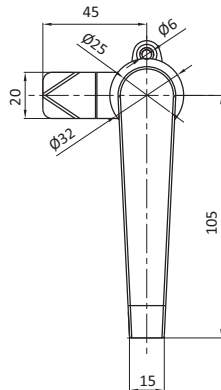
Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4

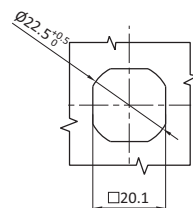
Key locking



Non-locking



Panel Cutout



L-Handle Quarter Turn Locks	Weight [g]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	Stainless Steel
FH333 Key locking	215	PT0810112	PT0810114	PT0810114E
Non-locking	215	PT0810113	PT0810115	PT0810116

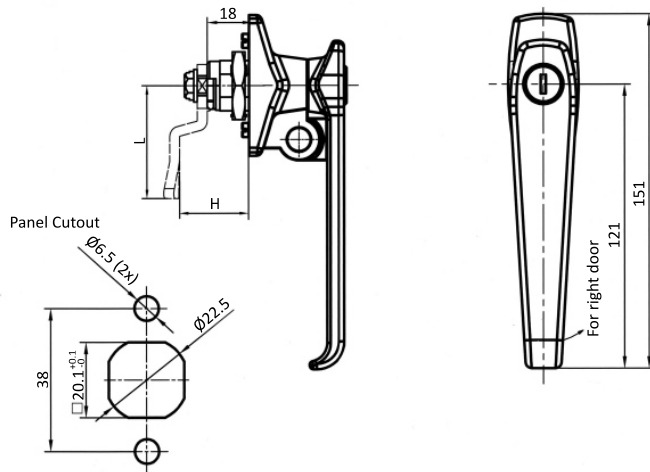
Compatible cams see pages 195-202
Accessories see pages 114-119
Keyed differently on request
CH751 key code on request

PAD LOCK COMPATIBLE L-HANDLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps. Wide range of cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated



Pad Lock Compatible L-Handle Quarter Turn Locks

Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

Key FH333	PT0810442	PT0810439
Key FH200	PT0810443	PT0810440
Non-locking	PT0810444	PT0810441

Compatible cams see pages 195-202
Accessories see pages 114-119

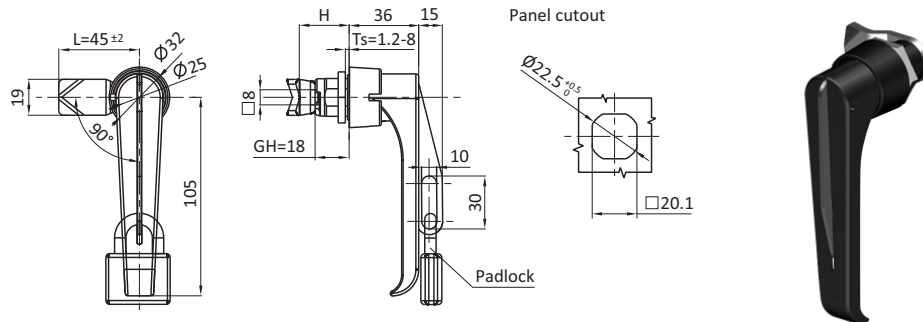
L-HANDLE QUARTER TURN LOCKS

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated / chrome plated

Specials Right and left
IP65 / NEMA 4



L-Handle Quarter Turn Locks

Die-cast Zinc,
black powder coated

Die-cast Zinc,
chrome plated

PT0810117

PT0810118

Compatible cams see pages 195-202
Accessories see pages 114-119

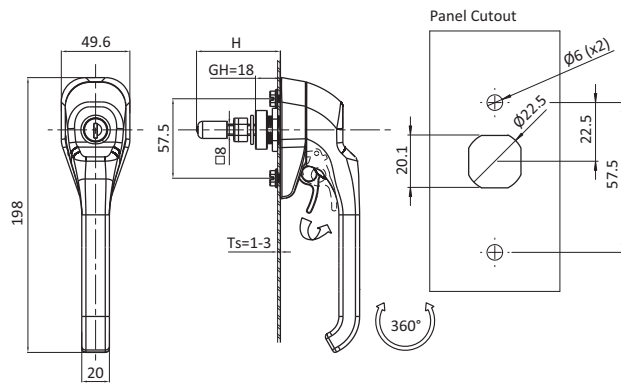
L-HANDLE QUARTER TURN LOCK WITH DEFEATER FUNCTION

Description For easy and secure latching and locking of doors and flaps. Two stage unlocking, turn key and then trigger pull. Wide range of inserts, cams, and accessories.

Material Die-cast zinc, stainless steel

Surface Black powder coated / chrome plated

Specials Right and Left
 Pad lock compatible



L-Handle Quarter Turn Lock with Defeater Function

Die-cast Zinc,
 black powder coated

316 SS

Key locking (Keyed FH333)	PT0810112S01	PT0810112S02
Non-locking	PT0810113S01	PT0810116ES02
2 x 4 Slot	PT0810117S01	

Compatible cams see pages 195-202

INDUSTRIAL HARDWARE
CHAPTER 2: **COMPRESSION LATCHES**



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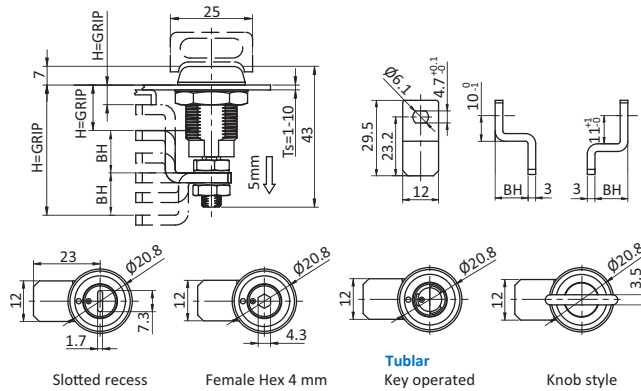
SMALL COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

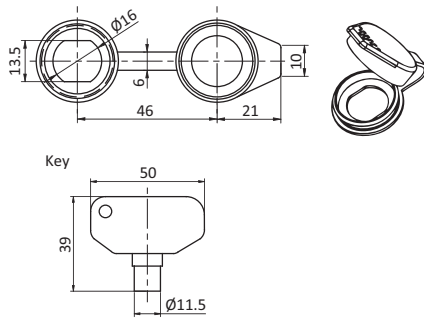
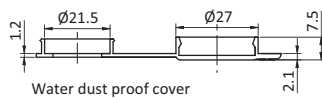
Material Housing and cylinder: Die-cast zinc
Cam: Mild steel

Surface Housing and cylinder: Black powder coated
Cam: Zinc plated

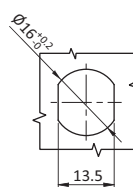
Specials Right and left
IP65 / NEMA 4



Optional Components:



Panel Cutout



Cylinder Style	3.2 - 6.4 mm	6.4 - 9.5 mm	9.5 - 12.7 mm	12.7 - 15.9 mm	15.9 - 19.0 mm	19.0 - 22.2 mm	22.2 - 25.4 mm	25.4 - 28.6 mm
Slotted Recess	PT0810203	PT0810204	PT0810205	PT0810206	PT0810207	PT0810208	PT0810209	PT0810210
Female Hex 4mm	PT0810211	PT0810212	PT0810213	PT0810214	PT0810215	PT0810216	PT0810217	PT0810218
Knob Style	PT0810219	PT0810220	PT0810221	PT0810222	PT0810223	PT0810224	PT0810225	PT0810226
Tubular Key	PT0810227	PT0810228	PT0810229	PT0810230	PT0810231	PT0810232	PT0810233	PT0810234

Accessories see pages 114-119

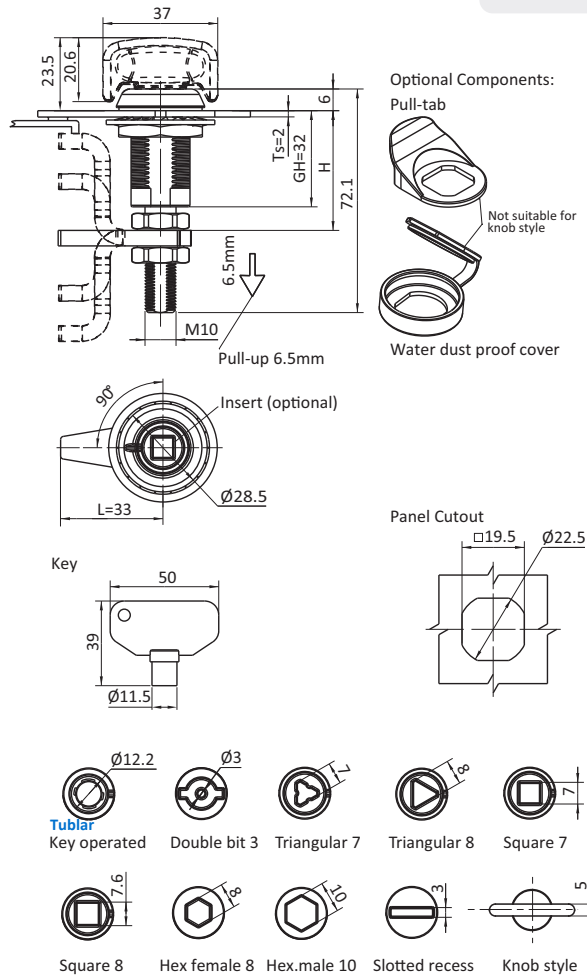
LARGE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam: Mild steel

Surface Housing and cylinder: Black powder coated
Cam: Zinc plated

Specials Right and left
IP65 / NEMA 4



Cam Style	Grip Range [mm]	Tubular Key Operated	Double Bit 3mm	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm	Slotted Recess	Hex Female 8mm	Hex Male 10mm	Knob Style
Reversed	11.4 - 27.2	PT0810237	PT0810240	PT0810243	PT0810355	PT0810358	PT0811039	PT0810361	PT0810364	PT0810367	PT0810370
	25.4 - 41.1	PT0810238	PT0810241	PT0810244	PT0810356	PT0810359	PT0811040	PT0810362	PT0810365	PT0810368	PT0810371
Straight	38.9 - 54.6	PT0810239	PT0810242	PT0810245	PT0810357	PT0810360	PT0811041	PT0810363	PT0810366	PT0810369	PT0810372
Offset	52.6 - 68.3	PT0810238	PT0810241	PT0810244	PT0810356	PT0810359	PT0811040	PT0810362	PT0810365	PT0810368	PT0810371
	66.3 - 76.2	PT0810237	PT0810240	PT0810243	PT0810355	PT0810358	PT0811039	PT0810361	PT0810364	PT0810367	PT0810370

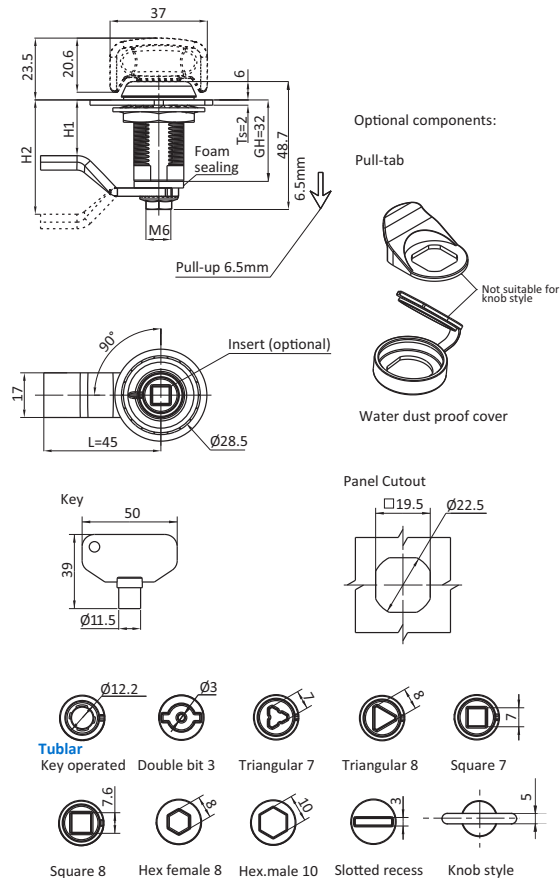
LARGE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam: mild steel

Surface Housing and cylinder: Black powder coated
Cam: zinc plated

Specials Right and left



Large Compression Latches

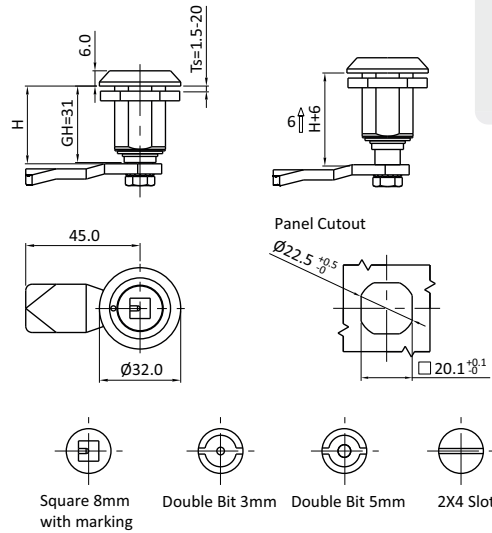
Cylinder Style

Part

Tubular Key	PT0810488
Double Bit w. 4mm Pin	PT0810489
Triangle 7 mm	PT0810490
Triangle 8 mm	PT0810491
Square 7 mm	PT0810492
Square 8 mm	PT0810493
Slotted Recess	PT0810494
Female Hex 8 mm	PT0810495
Male Hex 10 mm	PT0810496
Knob Style	PT0810497

Compatible cams see pages 195-202
Accessories see pages 114-119

LARGE COMPRESSION LATCHES



Description For easy, secure, and compressive latching and locking of doors and flaps.

Material 316 SS

Specials Right and Left
IP65 / NEMA 4
Spring and Seal



Large Compression Latches

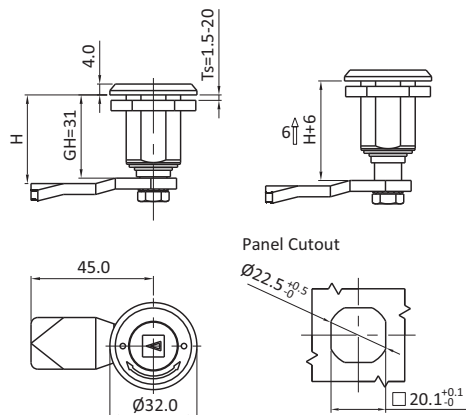
Cylinder Style

Part

Square 8mm	PT0813126
Slot 2 x 4 mm	PT0813127
Double bit 3mm	PT0813128
Double bit 5mm	PT0813129

Compatible cams see pages 195-202
Accessories see pages 114-119

LARGE COMPRESSION LATCHES



Description For easy, secure, and compressive latching and locking of doors and flaps.

Material 316 SS

Specials Right and Left
IP65 / NEMA 4
Spring and Seal
Arrowhead and red-green marking



Large Compression Latches

Cylinder Style

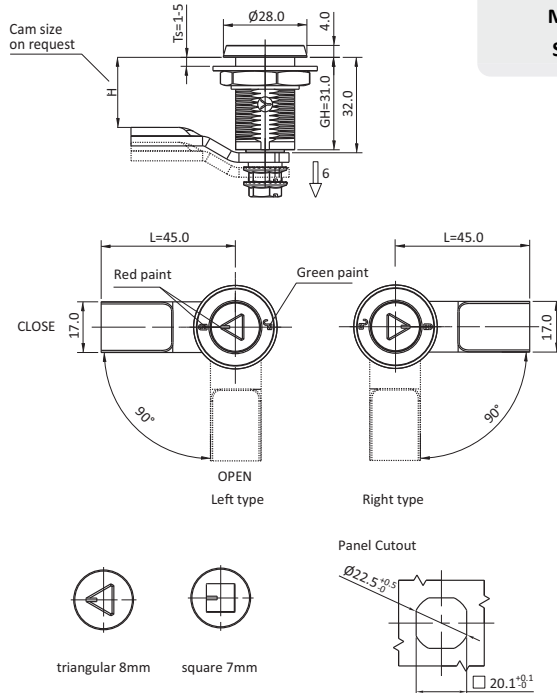
Left

Right

Square 8mm	PT0813130	PT0813131
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Compatible cams see pages 195-202
Accessories see pages 114-119

LARGE COMPRESSION LATCHES



Description For easy, secure, and compressive latching and locking of doors and flaps.

Material 316 SS

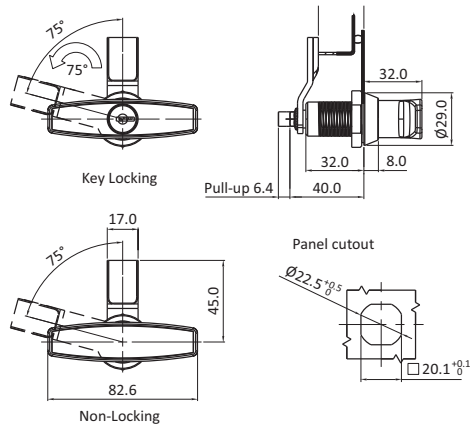
Specials Right and Left



Large Compression Latches	Cylinder Style	Left	Right
	Square 7mm	PT0813058	PT0813059
	Triangular 8mm	PT0813060	PT0813061

Compatible cams see pages 195-202
Accessories see pages 114-119

T-HANDLE COMPRESSION LATCHES - SHORT SHAFT



Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Handle and Housing: Die cast zinc
Shaft: Mild steel

Surface Handle and Housing: Black powder coated
Shaft: Zinc plated



T-Handle Compression Latches - Short Shaft

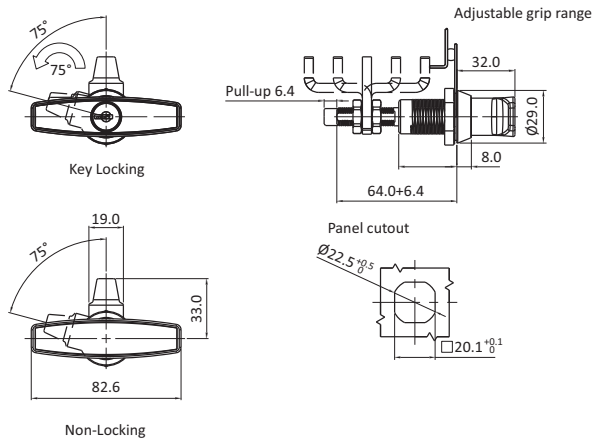
FH751 Key locking

Non-locking

[PT0850142](#)

[PT0850143](#)

T-HANDLE COMPRESSION LATCHES - LONG SHAFT



Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Handle and Housing: Die cast zinc
Shaft: Mild steel

Surface Handle and Housing: Black powder coated
Shaft: Zinc plated



T-Handle Compression Latches - Long Shaft

Grip Range
Minimum

Maximum

FH751 Key locking

Non-locking

11.4

27.2

[PT0850144](#)

[PT0850147](#)

25.4

41.1

[PT0850145](#)

[PT0850148](#)

38.9

54.6

[PT0850146](#)

[PT0850149](#)

52.6

68.3

[PT0850145](#)

[PT0850148](#)

66.3

76.2

[PT0850144](#)

[PT0850147](#)

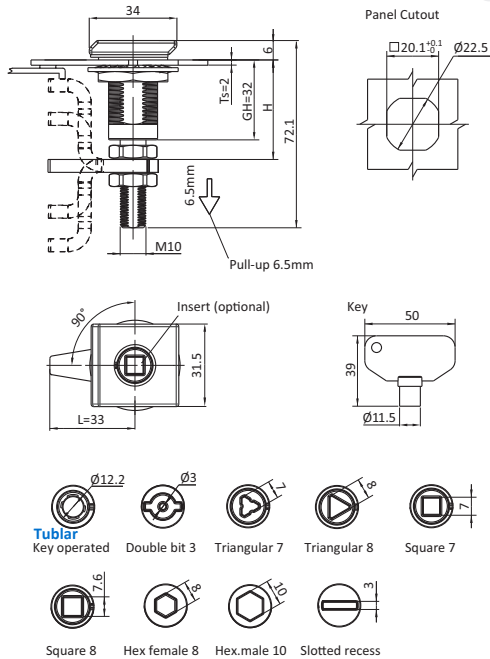
SQUARE FACE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam: Mild steel

Surface Housing and cylinder: Black powder coated
Cam: Zinc plated

Specials Right and left
IP65 / NEMA 4



Shaft Style	Cam Style	Grip Range [mm]	Tubular Key Operated	Double Bit 3mm	Triangular 7mm	Triangular 8mm	Square 7mm	Square 8mm	Slotted Recess	Hex Female 8mm	Hex Male 10mm
Long Shaft	Reversed	11.4 - 27.2	PT0813072	PT0813073	PT0813074	PT0813075	PT0813076	PT0813077	PT0813078	PT081307	PT0813080
		25.4 - 41.1	PT0813081	PT0813082	PT0813083	PT0813084	PT0813085	PT0813086	PT0813087	PT0813088	PT0813089
	Straight	38.9 - 54.6	PT0813090	PT0813091	PT0813092	PT0813093	PT0813094	PT0813095	PT0813096	PT0813097	PT0813098
		52.6 - 68.3	PT0813081	PT0813082	PT0813083	PT0813084	PT0813085	PT0813086	PT0813087	PT0813088	PT0813089
	Offset	66.3 - 76.2	PT0813072	PT0813073	PT0813074	PT0813075	PT0813076	PT0813077	PT0813078	PT0813079	PT0813080

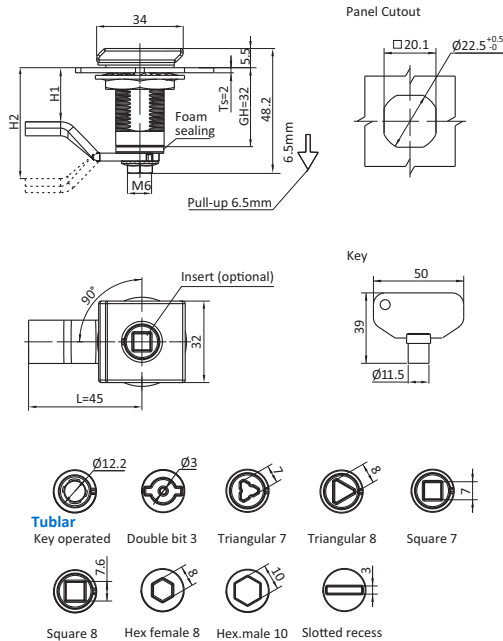
SQUARE FACE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam and shaft: Mild steel

Surface Housing and cylinder: Black powder coated
Cam and shaft: Zinc plated

Specials Right and left
IP65 / NEMA 4



Shaft Style	Cylinder Style	Part #
Fixed H Dimension	Tublar Key operated	PT0813117
	Double bit 3mm	PT0813118
	Triangular bit 7mm	PT0813119
	Triangular bit 8mm	PT0813120
	Square 7mm	PT0813121
	Square 8mm	PT0813122
	Slotted recess	PT0813123
	Hex female 8mm	PT0813124
	Hex female 10mm	PT0813125

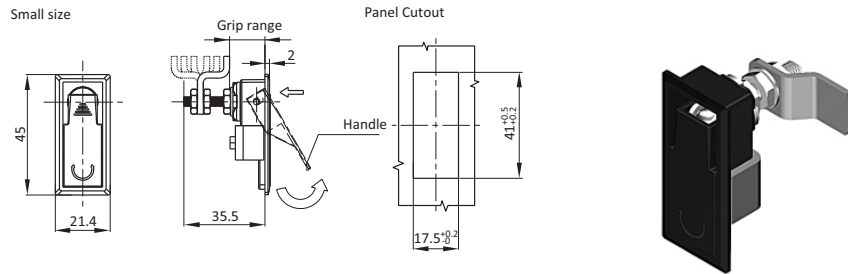
Compatible cams see pages 195-202

HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
 Cam: Mild steel

Surface Housing and cylinder: Black powder coated / chrome plated
 Cam: Zinc plated



Cylinder Style	Cam forward Min - Max [mm]	Cam reversed Min - Max [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Non-Locking	4.5 - 10.5	34.5 - 40.5	PT0813318	PT0813319
	16 - 26	46 - 56	PT0813320	PT0813321
	26 - 36	36 - 46	PT0813322	PT0813323

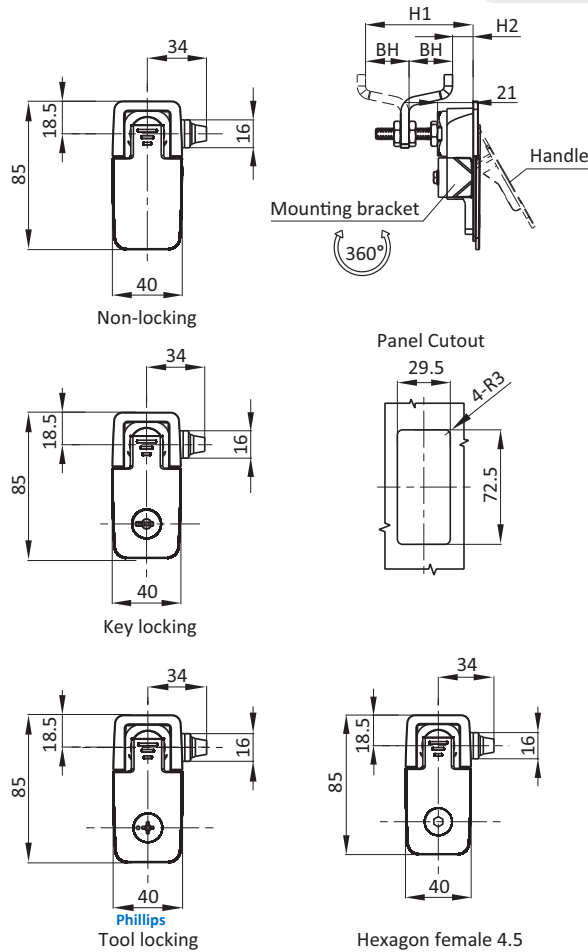
HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam: Mild steel

Surface Housing and cylinder: Black powder coated / chrome plated
Cam: Zinc plated

COL



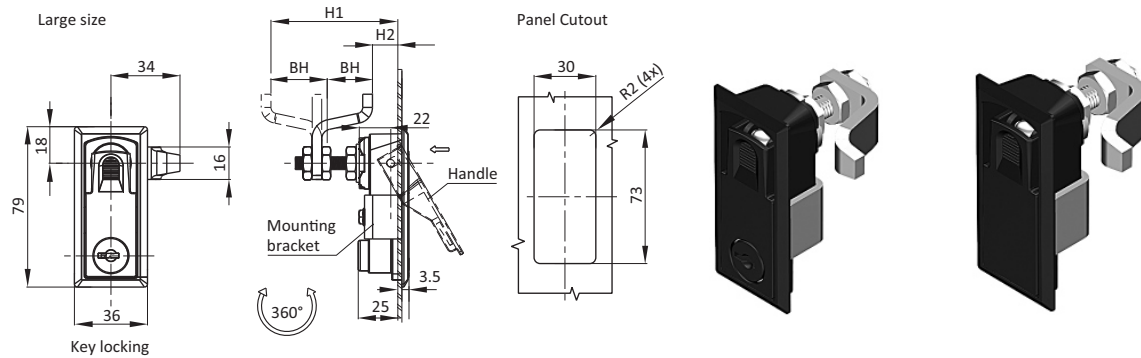
Cylinder Style	Cam forward Min - Max [mm]	Cam reversed Min - Max [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Non-Locking	6 - 16	56 - 66	PT0810039	PT0810048
	16 - 26	46 - 56	PT0810040	PT0810010
	26 - 36	36 - 46	PT0810041	PT0810011
Key locking FH751	6 - 16	56 - 66	PT0810042	PT0810012
	16 - 26	46 - 56	PT0810043	PT0810049
	26 - 36	36 - 46	PT0810044	PT0810050
Phillips locking	6 - 16	56 - 66	PT0810045	PT0810051
	16 - 26	46 - 56	PT0810046	PT0810052
	26 - 36	36 - 46	PT0810047	PT0810053
Hexagon female 4.5	6 - 16	56 - 66	PT0811044	PT0811047
	16 - 26	46 - 56	PT0811045	PT0811048
	26 - 36	36 - 46	PT0811046	PT0811049

HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and cylinder: Die-cast zinc
Cam: Mild steel

Surface Housing and cylinder: Black powder coated / chrome plated
Cam: Zinc plated



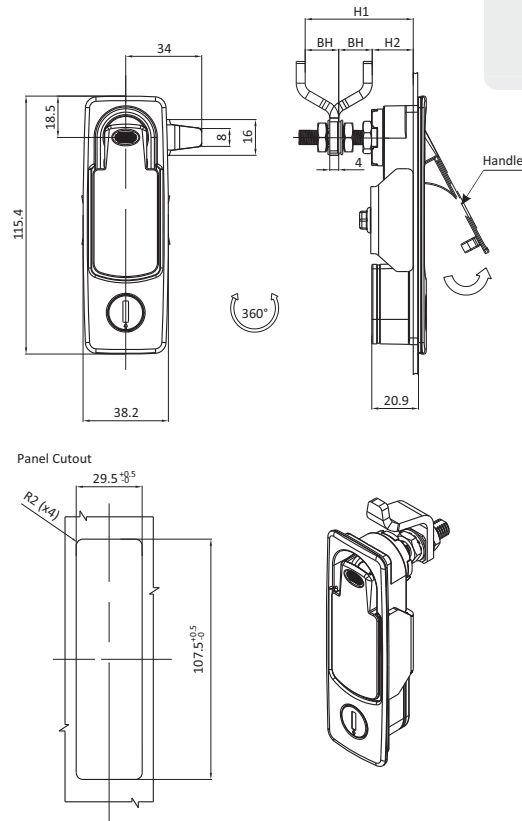
Cylinder Style	Cam forward Min - Max [mm]	Cam reversed Min - Max [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Non-Locking	6 - 16	56 - 66	PT0811050	PT0811051
	16 - 26	46 - 56	PT0811052	PT0811053
	26 - 36	36 - 46	PT0811054	PT0811055
Key locking FH751	6 - 16	56 - 66	PT0811056	PT0811057
	16 - 26	46 - 56	PT0811058	PT0811059
	26 - 36	36 - 46	PT0811060	PT0811061
Tool locking	6 - 16	56 - 66	PT0811062	PT0811063
	16 - 26	46 - 56	PT0811064	PT0811065
	26 - 36	36 - 46	PT0811066	PT0811067

HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing, handle, and trigger: Die-cast zinc
Cam: Mild steel

Surface Housing, handle, and trigger:
Black powder coated / chrome plated
Cam: Zinc plated



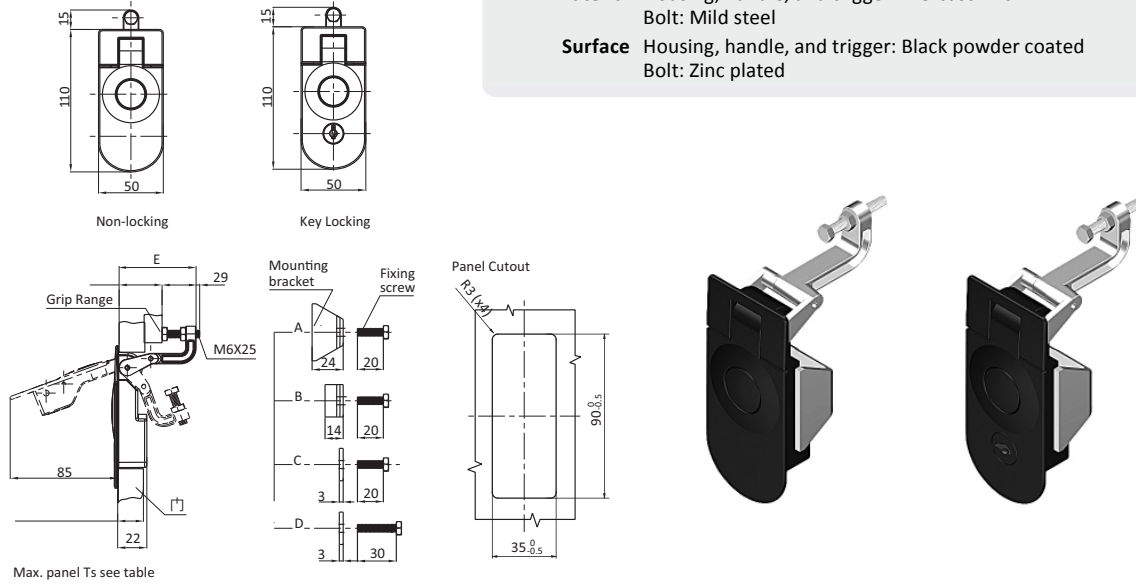
Cylinder Style	Cam forward Min - Max [mm]	Cam reversed Min - Max [mm]	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
FH1245 Key locking	6 - 16	56 - 66	PT0811068	PT0811071
	1 - 11	15 - 30	PT0811069	PT0811072
	1 - 11	15 - 30	PT0811070	PT0811073

HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps. Panel thickness must be 1 - 11 mm.

Material Housing, handle, and trigger: Die-cast zinc
Bolt: Mild steel

Surface Housing, handle, and trigger: Black powder coated
Bolt: Zinc plated



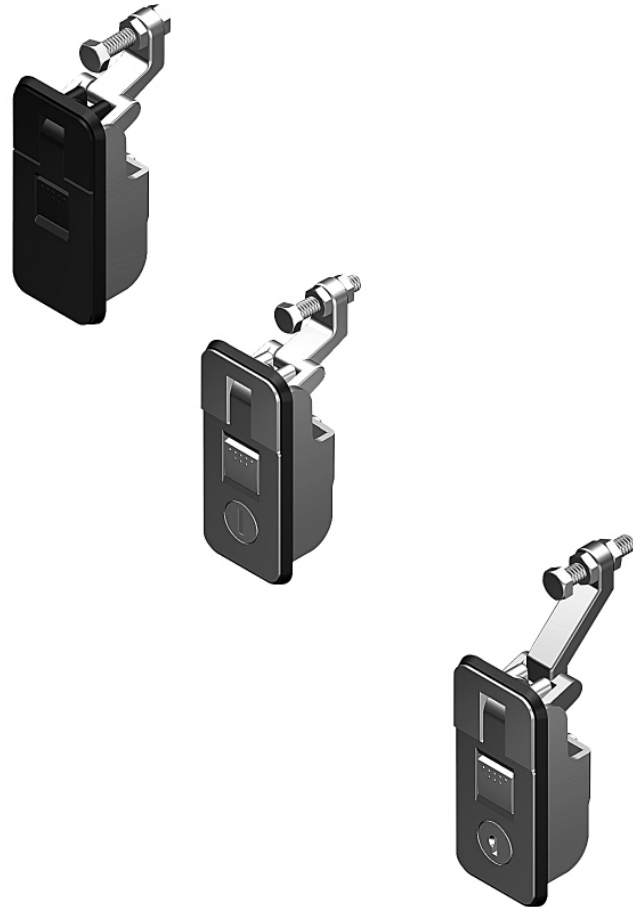
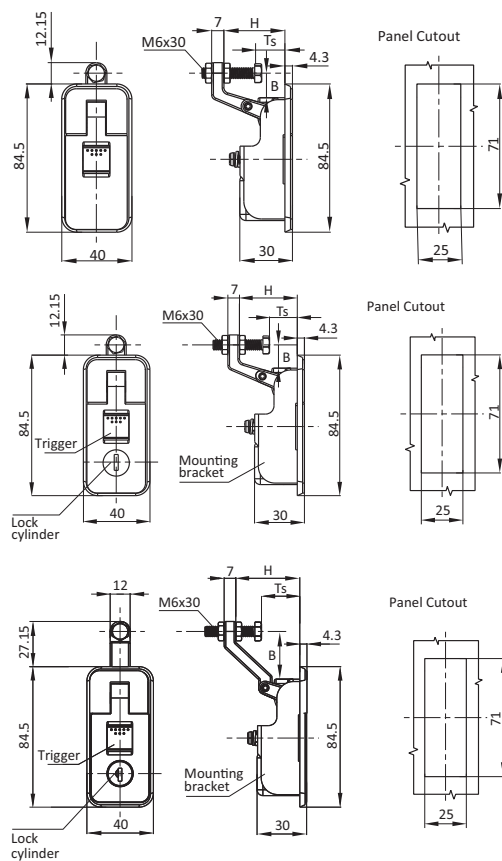
Mounting Brackets	Panel Thickness Min - Max [mm]	Grip Range Min - Max [mm]	E [mm]	Non Locking	FH751 Key Locking with Shutter	FH751 Key Locking	Phillips Drive
A	1 - 11	1 - 14	29	PT0810072	PT0813001	PT0810076	PT0813003
B	11 - 21	1 - 14	29	PT0813004	PT0813005	PT0813006	PT0813007
A	1 - 11	14 - 29	44	PT0810073	PT0813009	PT0810077	PT0813011
B	11 - 21	14 - 29	44	PT0813012	PT0813013	PT0813014	PT0813015
C	21 - 31	14 - 29	44	PT0813016	PT0813017	PT0813018	PT0813019
A	1 - 11	29 - 45	60	PT0810074	PT0813021	PT0810088	PT0813023
B	11 - 21	29 - 45	60	PT0813024	PT0813025	PT0813026	PT0813027
C	21 - 31	29 - 45	60	PT0813028	PT0813029	PT0813030	PT0813031
D	31 - 41	29 - 45	60	PT0813032	PT0813033	PT0813034	PT0813035
A	1 - 11	45 - 57	72	PT0810075	PT0813037	PT0810089	PT0813039
B	11 - 21	45 - 57	72	PT0813040	PT0813041	PT0813042	PT0813043
C	21 - 31	45 - 57	72	PT0813044	PT0813045	PT0813046	PT0813047
D	31 - 41	45 - 57	72	PT0813048	PT0813049	PT0813050	PT0813051

HANDLE COMPRESSION LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and handle: Die-cast zinc
Bolt and trigger: Mild steel

Surface Housing and handle: Black powder coated
Bolt and trigger: Zinc plated



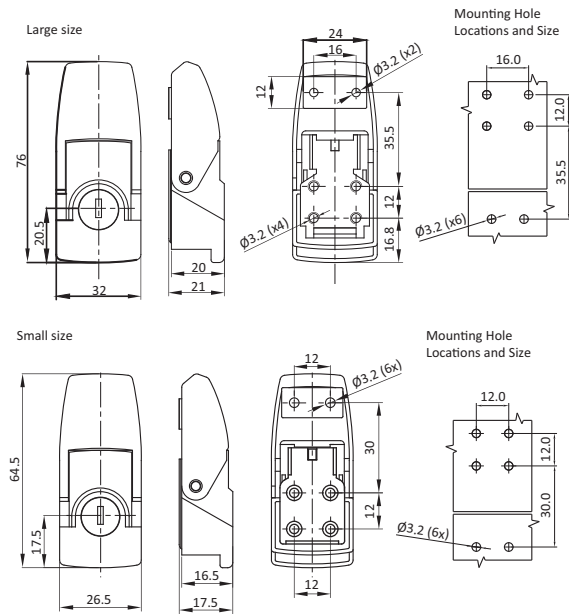
Grip Range [mm]	Lock Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
1 - 25	Non-locking	PT0810498	PT0810499
	Key locking w. shutter (CH751)	PT0810500	PT0810501
15 - 30	Non-locking	PT0810502	PT0810503
	Key locking w. shutter (CH751)	PT0810504	PT0810505

OVER-CENTER DRAW LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Die-cast zinc

Surface Black powder coated / chrome plated



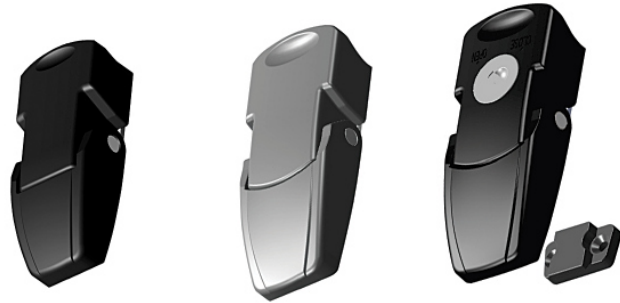
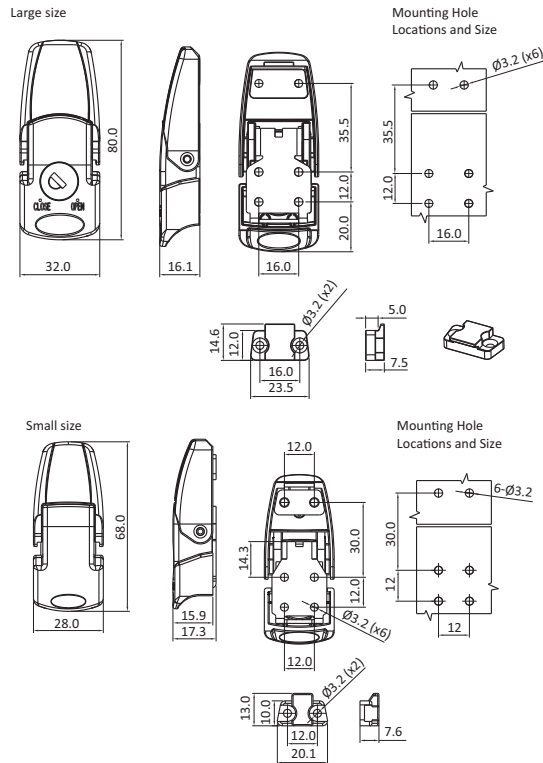
Over-Center Draw Latches	Lock Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Large	Non-locking	PT0813068	PT0813069
	Key locking (FH751)	PT0813489	PT0813065
Small	Non-locking	PT0813070	PT0813071
	Key Locking (FH751)	PT0813066	PT0813067

OVER-CENTER DRAW LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Die-cast zinc

Surface Black powder coated / chrome plated



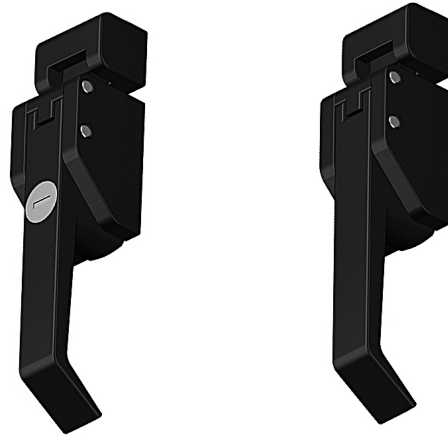
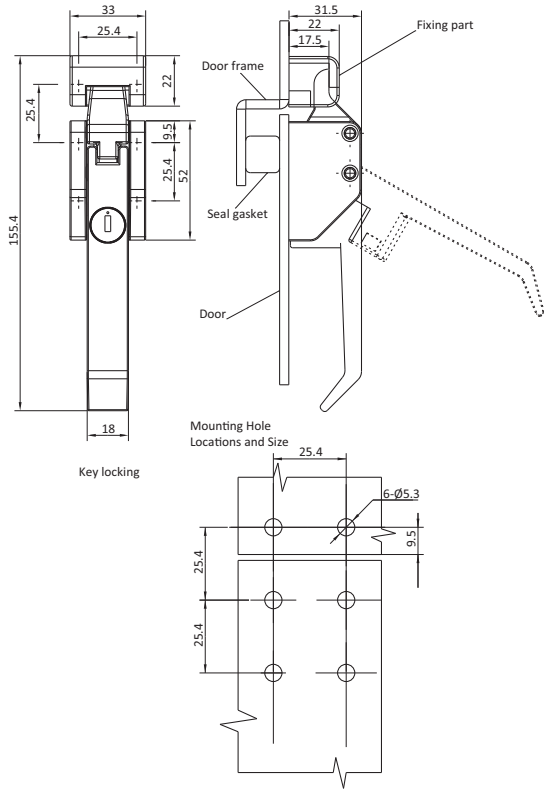
Over-Center Draw Latches	Lock Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Large	Non-locking	PT0810099	PT0810101
	Key locking FH200	PT0810095	PT0810097
Small	Non-locking	PT0810100	PT0810102
	Key locking FH200	PT0810096	PT0810098

OVER-CENTER DRAW LATCH

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Die-cast zinc / 316 SS

Surface Black powder coated / Chrome plated

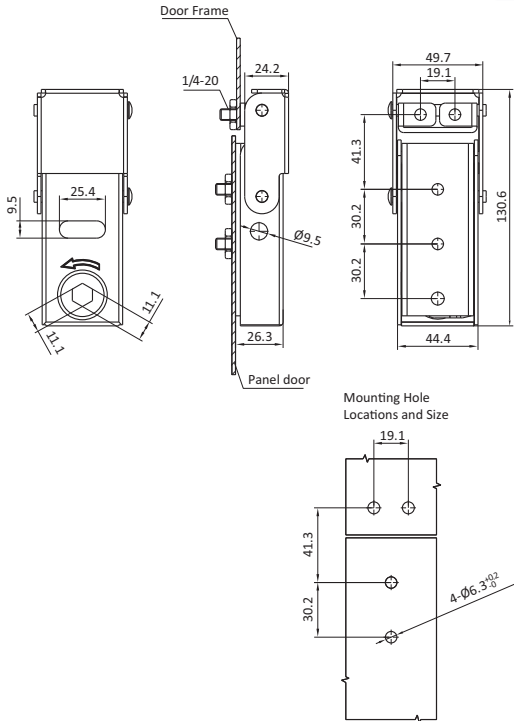


Screw Hole	Lock Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated	316 SS
M5 x 0.8	FH751 locking	PT0810433	PT0810435	PT0810434
	Non-locking	PT0810430	PT0810432	PT0810431
10 - 32UCN	FH751 locking	PT0813052	PT0813053	PT0813054
	Non-locking	PT0813055	PT0813056	PT0813057

OVER-CENTER DRAW LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.
Material 304 / 316 SS / Mild Steel
Surface Zinc plated
Specials Pad lock compatible

COL



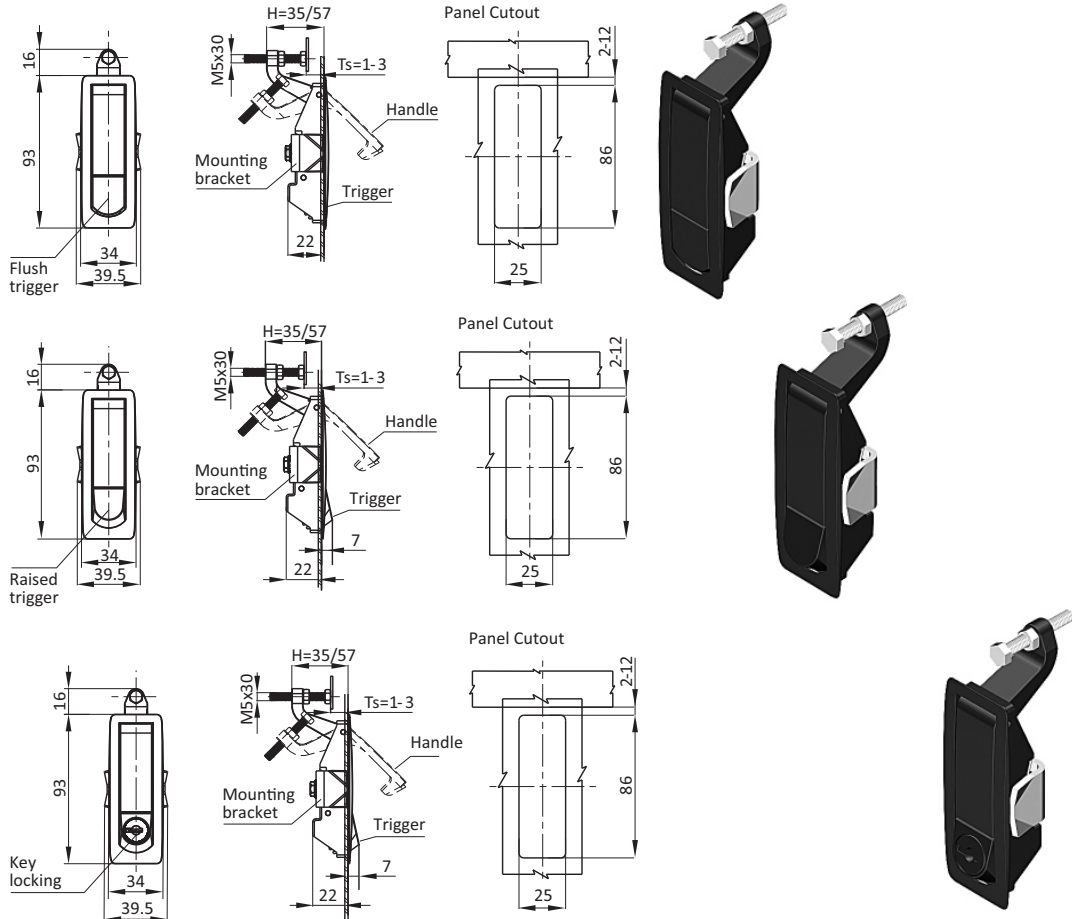
Over-Center Draw Latches	Material	Part #
	316 SS	PT0813062
	304 SS	PT0813063
	Mild Steel	PT0813064

TRIGGER LATCHES

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing, handle, and trigger: Die-cast zinc
Bolt: Mild steel

Surface Housing, handle, and trigger:
Black powder coated / chrome plated
Bolt: Zinc plated



Trigger Latches

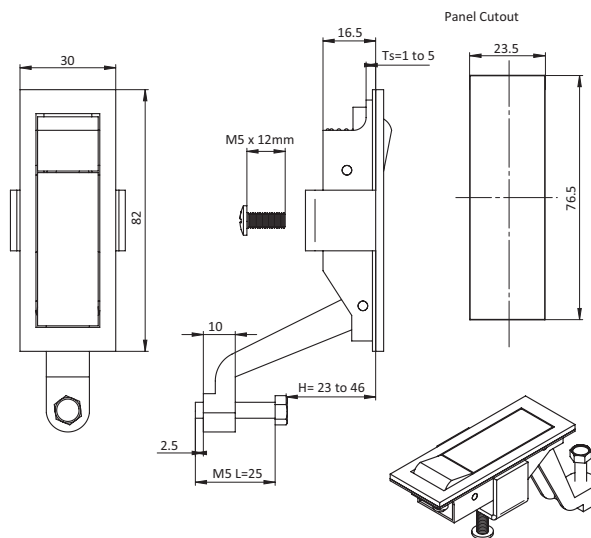
	Trigger Style	Die-cast Zinc, black powder coated	Die-cast Zinc, chrome plated
Short arm Grip range 1 - 24 mm	Non-locking raised trigger	PT0810056	PT0810060
	Non-locking flush trigger	PT0810057	PT0810061
	FH751 key locking	PT0810058	PT0810062
	Phillips Drive	PT0811074	PT0811076
	FH751 key locking with shutter	PT0810059	PT0810063
	Hexagon female 4.5mm	PT0811075	PT0811077
Long arm Grip range 23 - 46 mm	Non-locking raised trigger	PT0810064	PT0810068
	Non-locking flush trigger	PT0810065	PT0810069
	FH751 key locking	PT0810066	PT0810070
	Phillips Drive	PT0811078	PT0811080
	FH751 key locking with shutter	PT0810067	PT0810071
	Hexagon female 4.5mm	PT0811079	PT0811081

TRIGGER LATCH

Description For easy, secure, and compressive latching and locking of doors and flaps.

Material 304 SS / die-cast zinc

Surface Black powder coated / Chrome plated



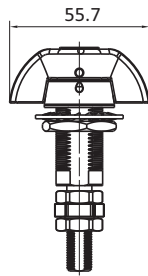
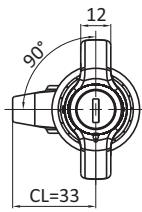
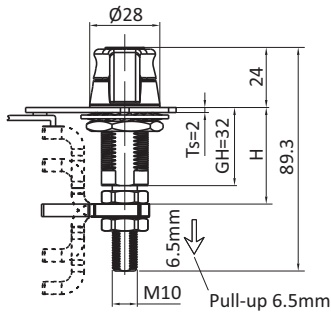
Trigger Latch	Grip Range [mm]	Version	Part #
	23 - 46	Die-cast zinc, chrome plated	PT0810093
	23 - 46	304 SS	PT0810093E
	23 - 46	Die-cast zinc, black powder coated	PT0810093S01
	35 - 58	Die-cast zinc, black powder coated	PT0810093S03

WINGKNOB COMPRESSION LATCHES

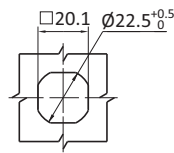
Description For easy, secure, and compressive latching and locking of doors and flaps.

Material Housing and handle: Die cast zinc
Cam: Mild steel

Surface Knob and Housing: black powder coated
Cam: Zinc plated



Adjustable grip range



Panel cutout



Cam Style	Grip Range		Head Style	
	Minimum	Maximum	Keyed FH751	Non Locking
Reversed Cam	11,4	27,2	PT0813099	PT0813102
	25.4	41.1	PT0813100	PT0813103
Straight Cam	38.9	54.6	PT0813101	PT0813104
Offset Cam	52.6	68.3	PT0813100	PT0813103
	66.3	76.2	PT0813099	PT0813102

INDUSTRIAL HARDWARE
CHAPTER 3: SLAM LATCHES



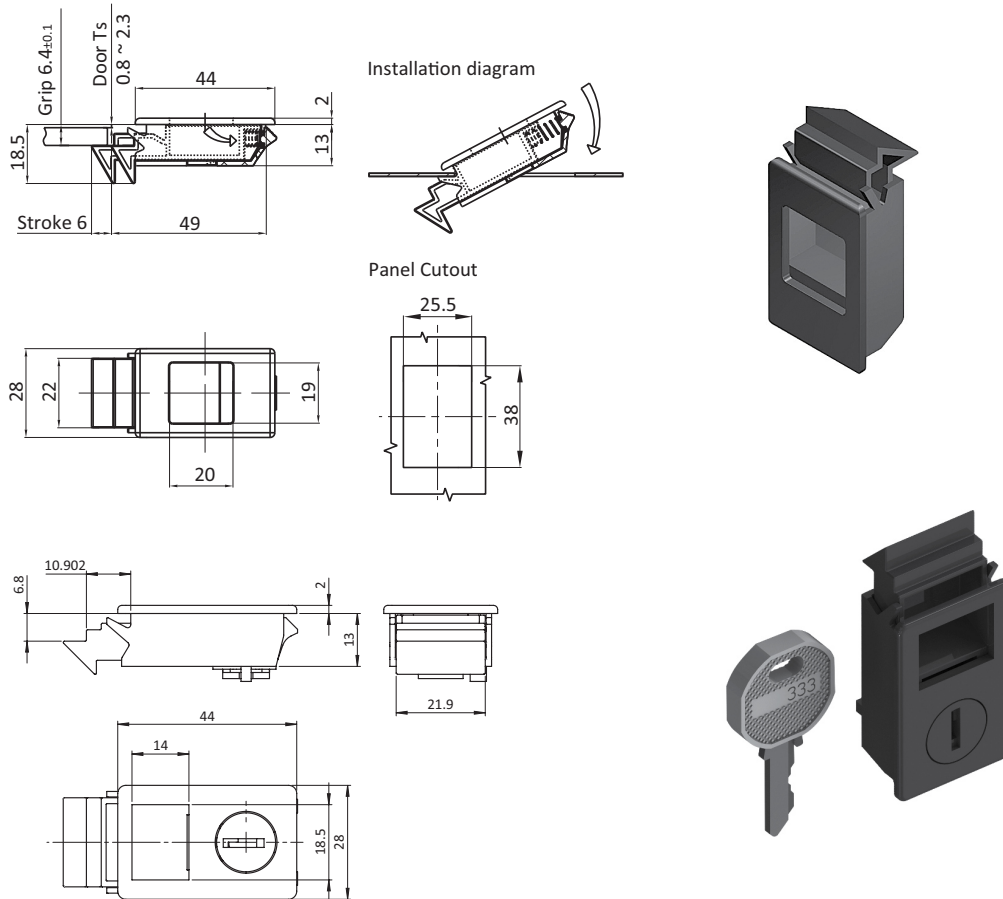
SLIDE LATCH	60-61
SLAM LATCH	62
SLAM TO CLOSE PUSHBUTTON LATCH	63
PUSH TO CLOSE CATCH	63
PUSH TO CLOSE SLAM LATCH	64
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SLIDE LATCH

Description Slam to close latch for panels and doors

Material Nylon PA, glass fiber reinforced

Color Black



Slide Latch

Part #

Non-Locking

[PT0810094](#)

Key Locking

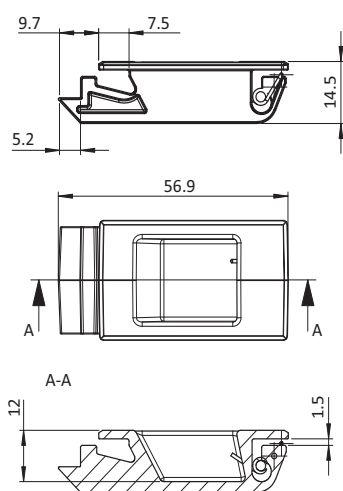
[PT0810094S01](#)

SLIDE LATCH

Description Slam to close latch for panels and doors

Material Housing: ABS
 Spring: SS

Color Black



SLA

Slide Latch

Panel Thickness [mm]
 0.8 - 1.2

1.2 - 1.5

With Return Spring

PT089201

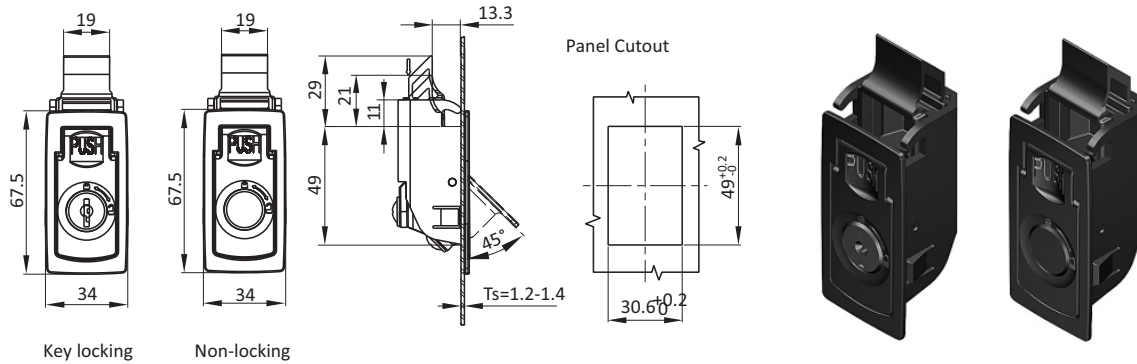
PT089202

SLAM LATCH

Description Slam to close latch for easy and secure latching and locking of panels and doors

Material Nylon PA, glass fiber reinforced

Color Black



Slam Latch

Part

FH333 Key Locking

PT089203

Non-Locking

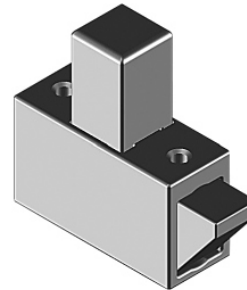
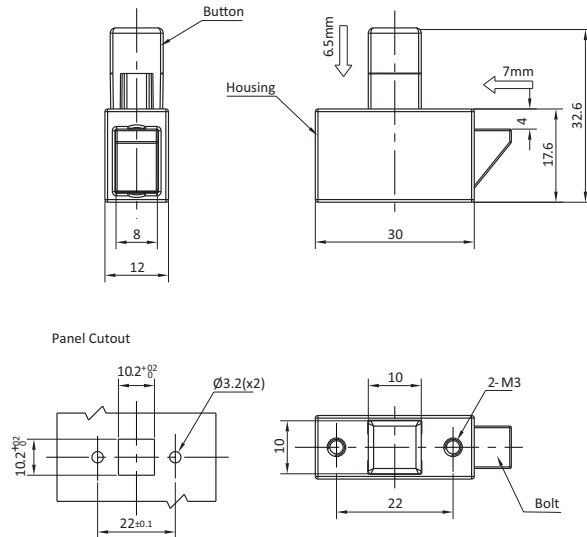
PT089204

SLAM TO CLOSE PUSHBUTTON LATCH

Description Slam to close latch for easy and secure latching and locking of panels and doors

Material Die cast zinc
 Spring and pin: Stainless steel

Surface Nickel plated



Slam to close Pushbutton Latch

Part #

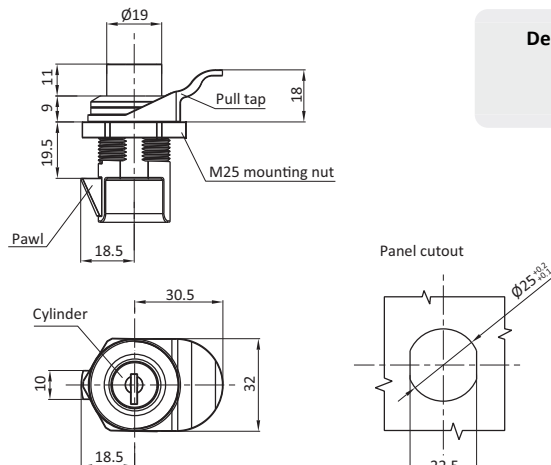
PT0813153

PUSH TO CLOSE CATCH

Description For easy and secure latching and locking of doors and flaps.

Material Housing and pull: PA

Specials Right and left



Push To Close Quarter Turn Locks

Part #

Key locking

PT0810664

Non-locking

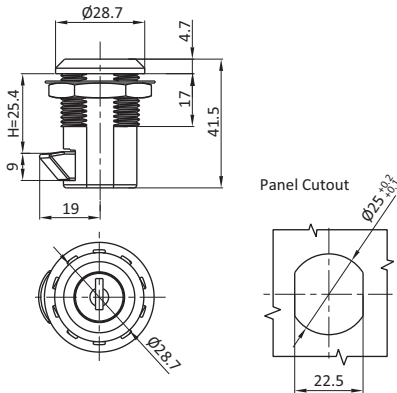
PT0810665

PUSH TO CLOSE SLAM LATCH

Description Slam to close latch for easy and secure latching and locking of panels and doors

Material Die-cast zinc

Surface Chrome plated



Push To Close Slam Latch

Part #

FH751 Key Locking

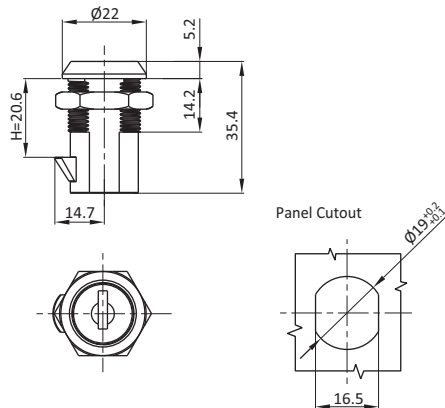
PT0810235

PUSH TO CLOSE SLAM LATCH

Description Slam to close latch for easy and secure latching and locking of panels and doors

Material Die-cast zinc

Surface Chrome plated



Push To Close Slam Latch

Part #

FH751 Key Locking

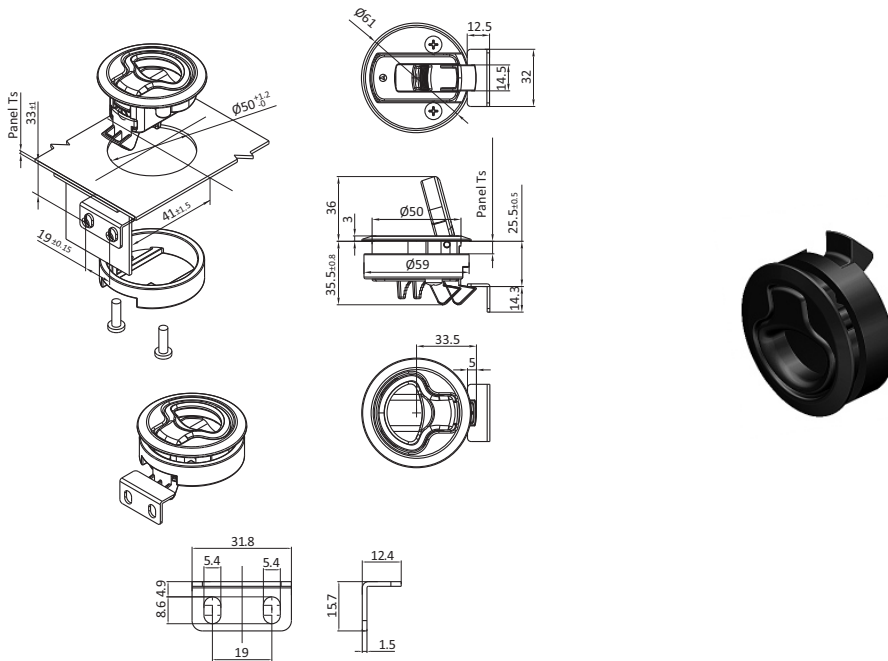
PT0810236

SLAM LATCHES

Description Slam to close latch for easy and secure latching and locking of panels and doors

Material PA

Color Black / Grey



Panel Thickness min - max. [mm]	Mounting bracket height [mm]	Fixing screw length [mm]	FH751 Key Locking		Non Locking	
			Acetal black	Acetal Grey	Acetal black	Acetal Grey
2 - 7	14	16	PT0813132	PT0813133	PT0813134	PT0813135
7 - 12	14	20	PT0813136	PT0813137	PT0813138	PT0813139
12 - 17	3.8	16	PT0813140	PT0813141	PT0813142	PT0813143
17 - 22	3.8	20	PT0813144	PT0813145	PT0813146	PT0813147

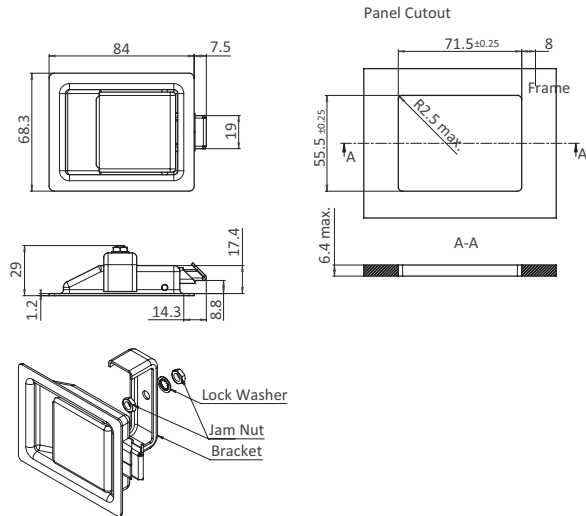
SLA

PUSH TO CLOSE PADDLE LATCH

Description Push to close latch for easy and secure latching and locking of panels and doors

Material Mild steel

Color Black powder coated



Push To Close Paddle Latch

Part #

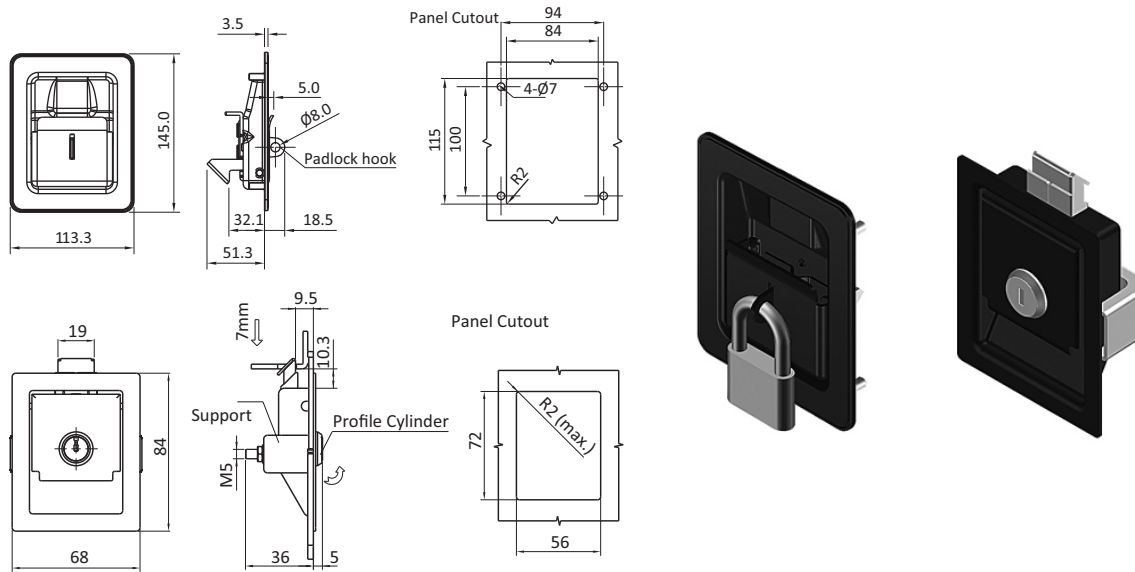
PT0810531

PANEL LOCKS

Description For easy, secure, and compressive latching and locking of doors and flaps

Material Pad, handle, hook and hasp: CRS and 304 SS
 Cam: Mild steel

Surface Dish and cylinder: Black powder coated
 Cam: Zinc plated

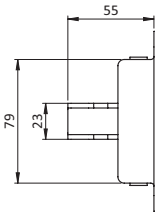
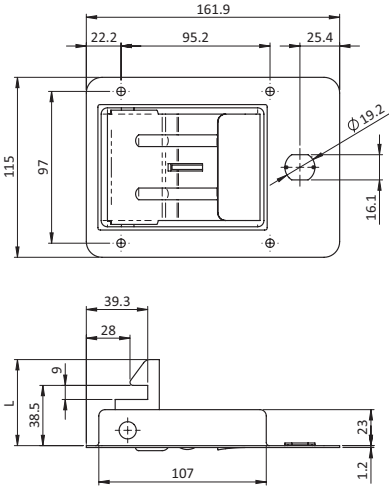


Panel Locks	Version	Die-cast Zinc, black powder coated	304 SS
	Padlockable	PT0813148	
	With insert	PT0813149	
	Without insert	PT0813150	PT0813151

SLA

SLAM TO CLOSE PADDLE LATCH

Description Slam to close latch for easy and secure latching and locking of panels and doors
Material Pad, Handle, Hook and Hasp: CRS
Color Black powder coated
Specials Pad-Lockable



Slam to Close Paddle Latch	L [mm]	Part #
	55	PT0810405
	65	PT0810406

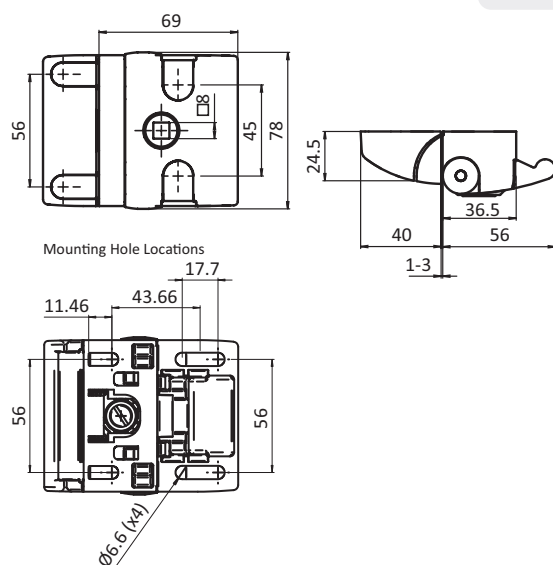
SLAM LATCHES COMPACT

Description For easy and secure latching and locking of doors and flaps, no mechanical preparation needed for the assembly; safe against disassembling in the locked position

Material Die-cast aluminum

Surface Black powder coated / aluminum color powder coated

Fastening From the front, using M6 socket head or pan head screws



Slam Latch	Lock	Weight [g]	Part #
Black powder coated	Keyed FH333	235.5	PT0957408
	Keyed Differently	235.5	PT0957411
	Non Locking	204.0	PT0957410
Aluminum color powder coated	Keyed FH333	235.5	PT0957408S01
	Keyed Differently	235.5	PT0957411S01
	Non Locking	204.0	PT0957410S01
	Square insert	220.0	PT0957431
	Double Bit 3 Insert	220.0	PT0957432

For inside opening device see page 54

SLA

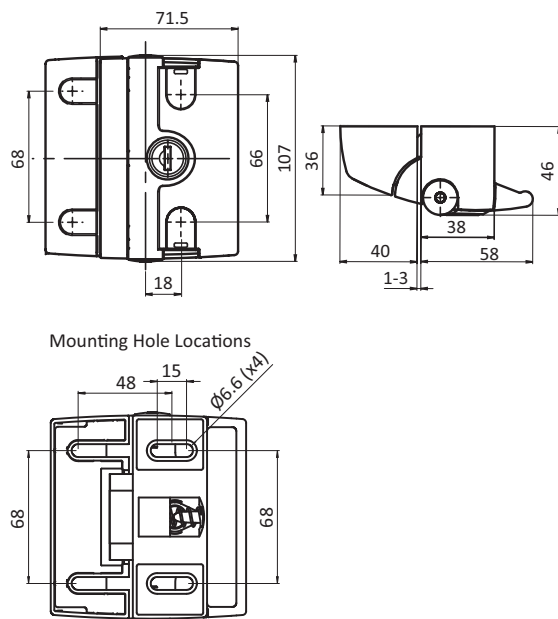
SLAM LATCHES PRO

Description For easy and secure latching and locking of doors and flaps, no mechanical preparation needed for the assembly; safe against disassembling in the locked position

Material Die-cast aluminum

Surface Black Powder Coated

Fastening From the front, using M6 socket head or pan head screws



Slam Latch PRO	Lock	Weight [g]	Part #
	Keyed FH333	370.0	PT0957404
	Keyed Differently	370.0	PT0957405
	Non Locking	340.0	PT0957406

For inside opening device see page 54

EMERGENCY OPENER FOR SLAM LATCHES

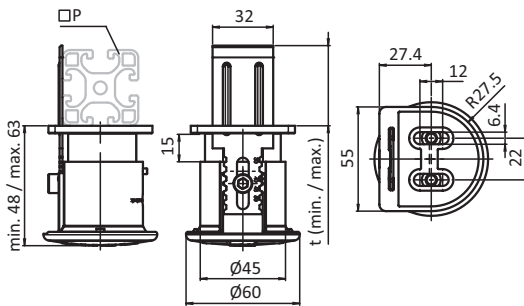
Description Inside emergency release for slam latches
PROe, PRO and Compact;
with or without safety catch

Material Base part: Nylon PA, glass Fiber reinforced
Push button: Nylon PA, glass Fiber reinforced
Unlocking plate: Steel

Surface Unlocking plate: Zinc plated

Color Base part: Black
Push button: Red ≈RAL 3020

Fastening From the front, using two socket head screws
DIN 912 M6 x 20, Hardware included



Emergency Opener for Slam Latch	t (min.) [mm]	t (max.) [mm]	P [mm]	Weight [g]	Part #
Without safety catch	30	50	30-50	110.8	PT0957409
	60	80	60-80	115.4	PT0957409S03
With safety catch	30	50	30-50	110.8	PT0957409S02

INDUSTRIAL HARDWARE
CHAPTER 4: **SWING HANDLES**



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CYLINDER LOCK SWING HANDLE	98-99
VANDAL RESISTANT SWING HANDLE	100
PADLOCKABLE SWING HANDLE	101
CYLINDER LOCK SWING HANDLE	102-108

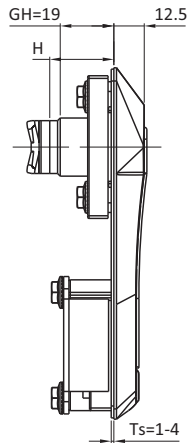
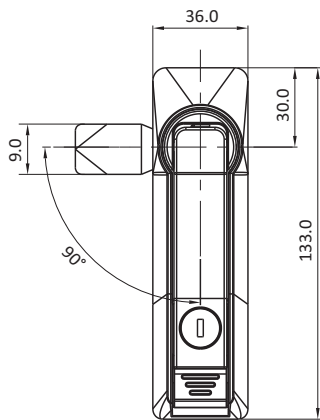
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

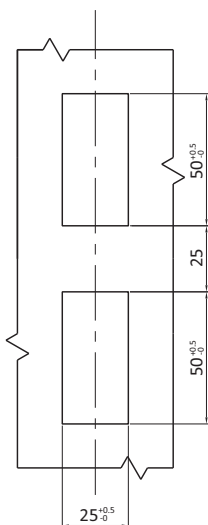
Material Body: Die-cast zinc
Hardware: Mild steel

Surface Body: Black powder coated
Hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR foam gasket
Keyed different on request
FH751 key code on request
Padlockable on request



Panel Cutout



Cylinder Lock Swing Handle

Part #

FH333 key

PT0813201

Compatible cams see pages 195-202

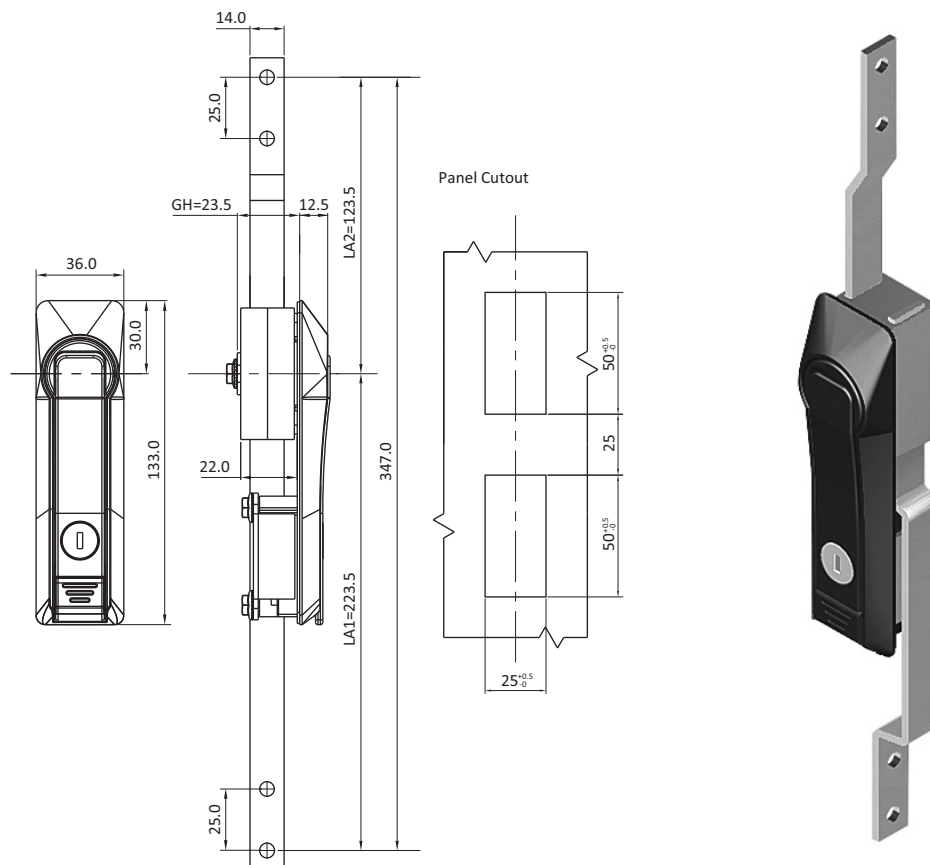
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
 Shaft and rod control: Die-cast zinc
 Hardware: Mild steel

Surface Body: Black powder coated
 Hardware, shaft and rod control: Zinc plated

Specials Right and Left
 IP65 / NEMA 4
 PUR foam gasket
 1193 Series Rod Control
 Keyed different on request
 Padlockable on request



Cylinder Lock Swing Handle

2 Point Rod Control

3 Point Rod Control

PT0813202

PT0813203

Compatible Rod Control see page 112-113

SWH

CYLINDER LOCK SWING HANDLE

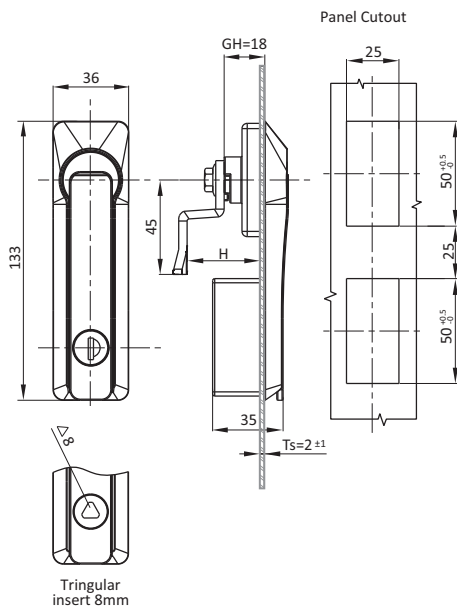
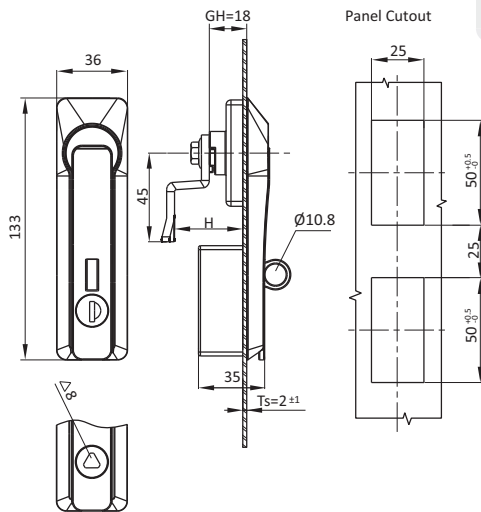
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: Die cast zinc
Shaft and hardware: Mild steel

Color Body: Black

Surface Shaft and hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
Unique key version on request
FH751 key code on request



Cylinder Style	Padlock Compatible	Cam control black E-coated	Cam control black powder coated
With dust cap and FH333 cylinder	Padlockable	PT0880025	PT0880029
	Without padlock	PT0880026	PT0880030
Triangle insert	Padlockable	PT0880027	PT0880031
	Without padlock	PT0880028	PT0880032

Compatible cams see pages 195-202

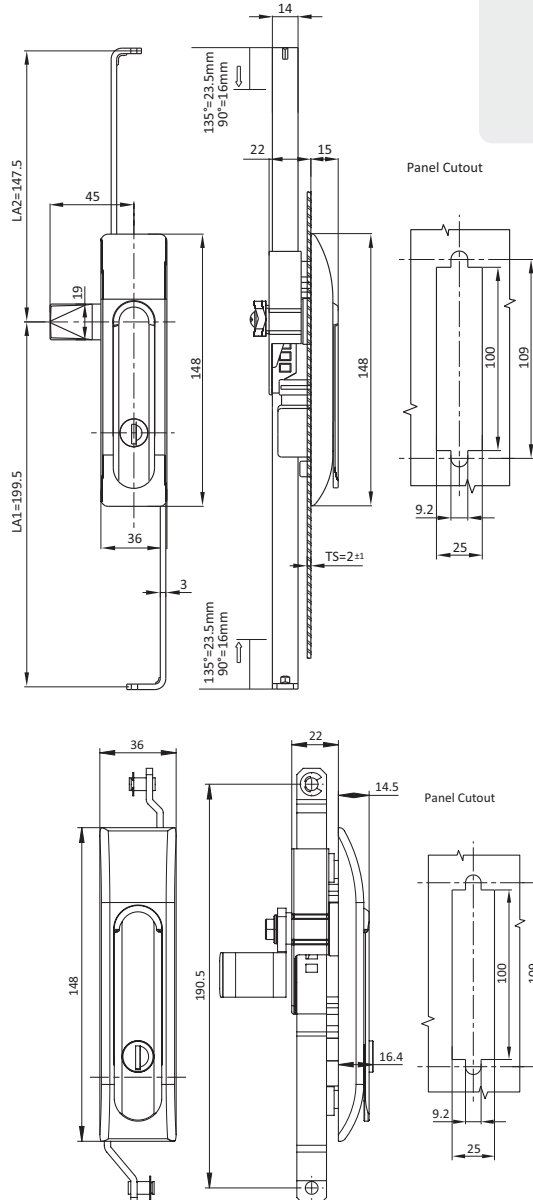
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: Die-cast zinc
Hardware: Mild steel

Surface Body and handle:
Black textured powder coated / silver grey powder coated
Hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
Unique key version on request
FH751 key code on request
Padlockable on request
Keyed FH333



Cylinder Lock Swing Handle

Control

Black Textured Powder Coated

Silver Grey Powder Coated

cam control

PT0811033

PT0820141S01

3 point rod control

PT0811034

PT0820141S02

Compatible Rod Control see page 112-113

CYLINDER LOCK SWING HANDLE

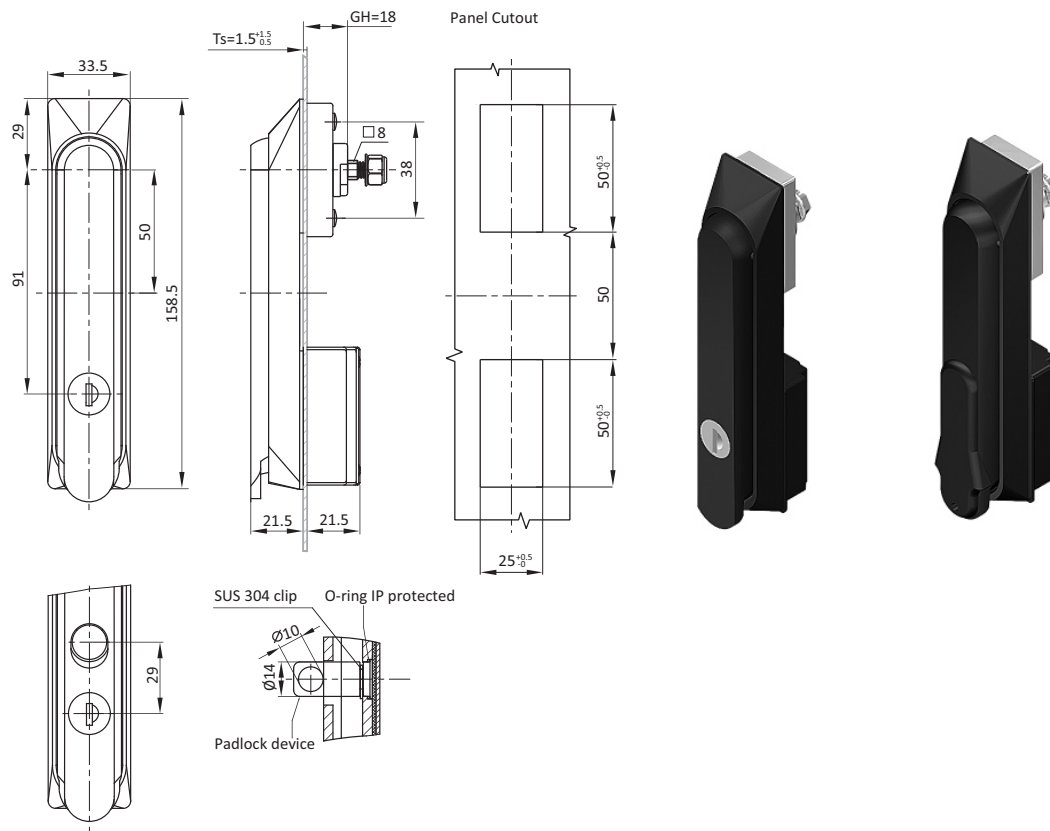
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: Die cast zinc
Shaft and hardware: Mild steel

Color Body: Black

Surface Shaft and hardware: Zinc plated

Specials Cam control
Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request
Padlockable on request



Cylinder Style	Cam control with dust cap	Cam control without dust cap
FH333 cylinder	PT0880001	PT0880005
Double bit 4mm	PT0880002	PT0880006
Square 7mm	PT0880003	PT0880007
Triangular 8mm	PT0880004A	PT0880008

Compatible cams see pages 195-202
Accessories see pages 110-119

PROFILE CYLINDER SWING HANDLE

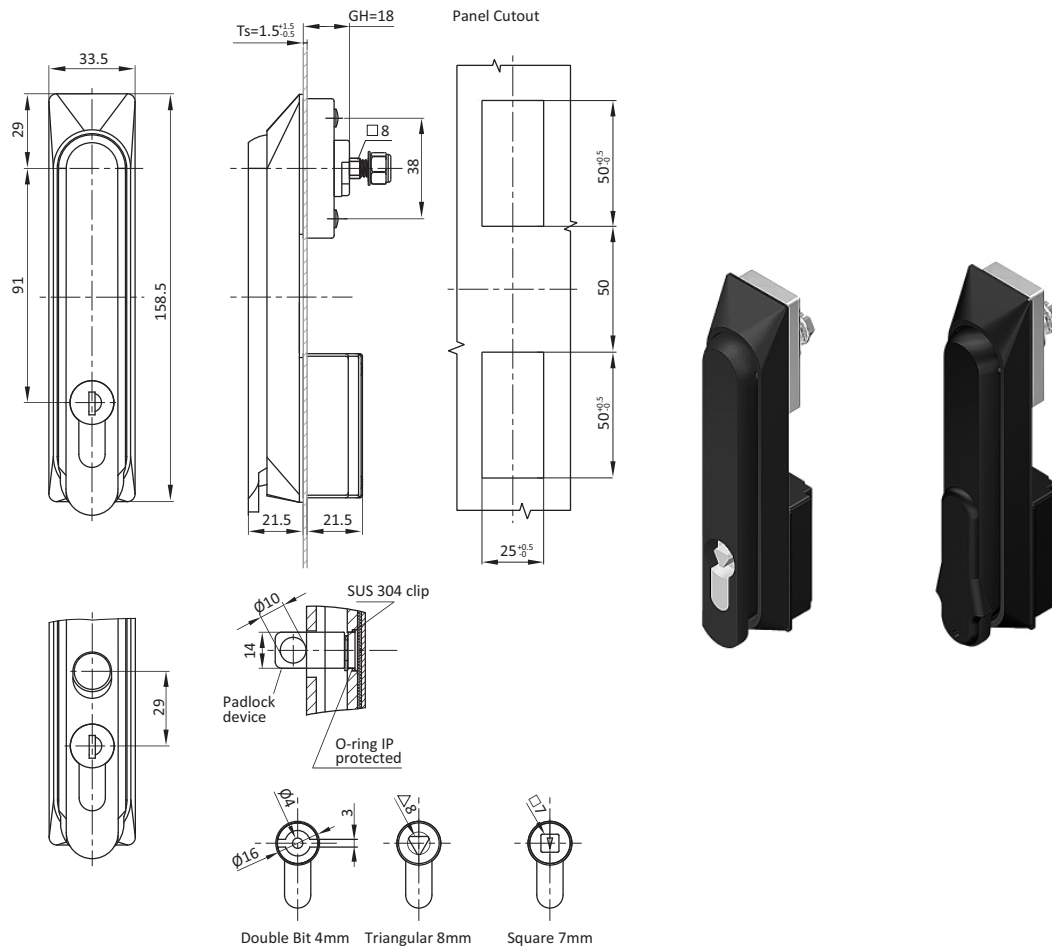
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: Die cast zinc
Shaft and hardware: Mild steel

Color Body: Black

Surface Shaft and hardware: Zinc plated

Specials Cam control
Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request
Padlockable on request



Cylinder Style	Cam control with dust cap	Cam control without dust cap
FH333 Profile round cylinder	PT0880009	PT0880013
Double bit 4mm	PT0880010	PT0880014
Square 7mm	PT0880011	PT0880015
Triangular 8mm	PT0880012	PT0880016

Compatible cams see pages 195-202

Accessories see pages 110-119

Compatible profile cylinder page 118

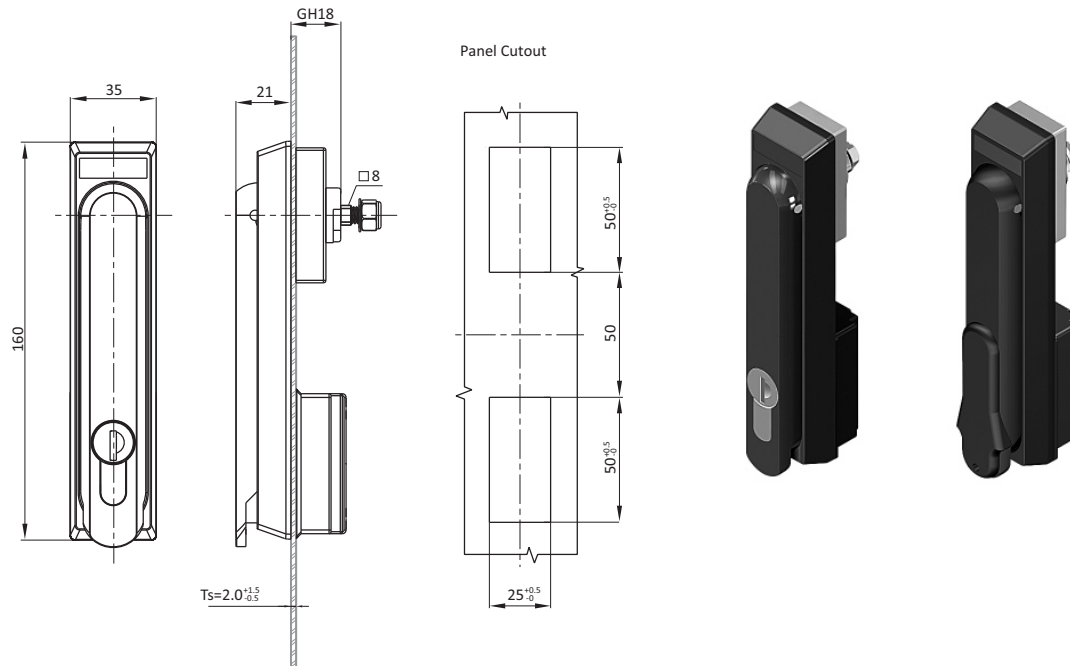
PROFILE CYLINDER SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die cast zinc
Rod control: Zinc
Hardware: Mild steel
Padlock option: 304 SS

Surface Black powder coated

Specials Cam controlled
Unique key version on request
FH751 key code on request
Padlockable on request



Cylinder Style	Cam control with dust cap	Cam control without dust cap
FH333 Profile round cylinder	PT0813154	PT0813155
Double bit 4mm	PT0813156	PT0813157
Square 7mm	PT0813158	PT0813159
Triangular 8mm	PT0813160	PT0813161

Compatible profile cylinders see page 118
Compatible cams see pages 195-202

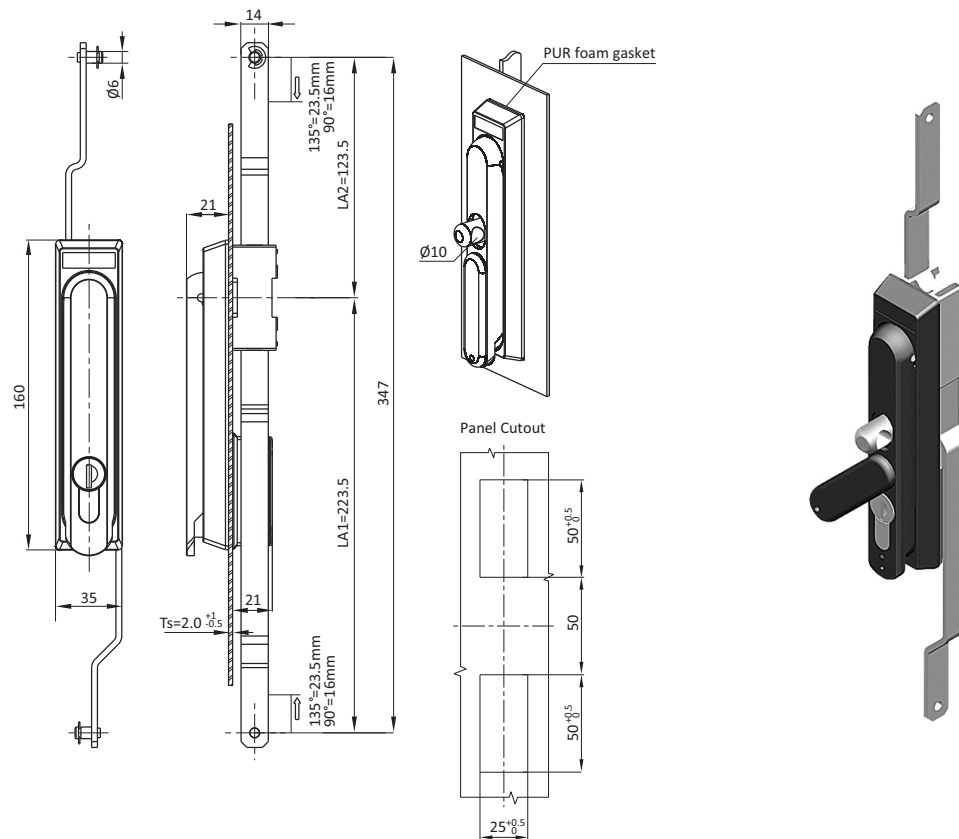
PROFILE CYLINDER SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Die-cast zinc

Surface Black powder coated

Specials Rod Control
Right and Left
IP65 / NEMA 4
Unique key version on request
FH751 key code on request
Comes with padlock hasp



SWH

Rod Control	Cylinder Style	Cam control with dust cap	Cam control without dust cap
2 point	FH333 Profile round cylinder	PT0813162	PT0813163
	Double bit 4mm	PT0813166	PT0813167
	Square 7mm	PT0813170	PT0813171
	Triangular 8mm	PT0813174	PT0813175
3 point	FH333 Profile round cylinder	PT0813164	PT0813165
	Double bit 4mm	PT0813168	PT0813169
	Square 7mm	PT0813172	PT0813173
	Triangular 8mm	PT0813176	PT0813177

Compatible profile cylinders see page 118
Compatible rod controls see pages 112-113

CYLINDER LOCK SWING HANDLE

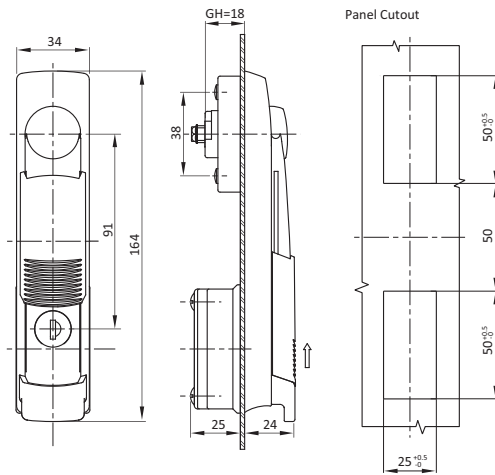
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle and shaft: Brass
Hardware: MS

Color Black

Surface Hardware: Zinc plated

Specials With dust cover
Cam actuated
Unique key version on request
FH751 key code on request



Cylinder Swing Handle

Cylinder Style

Part

FH333 Profile round cylinder

[PT0880017](#)

Double bit 4mm

[PT0880018](#)

Square 7mm

[PT0880019](#)

Triangular 8mm

[PT0880020](#)

Compatible cams see pages 195-202

CYLINDER LOCK SWING HANDLE

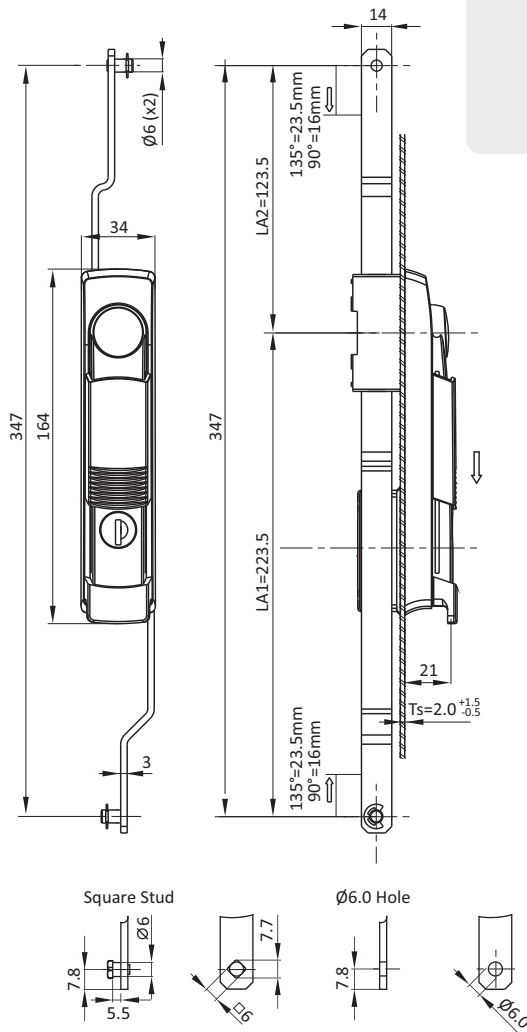
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Rod control and shaft: Die-cast zinc
Hardware: Mild steel

Color Body: Black

Surface Shaft: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request



SWH

Cylinder Lock Swing Handle	Cylinder Style	2 Point Rod control, includes dust cap	3 Point Rod control, includes dust cap
	FH333 Profile round cylinder	PT0820055	PT0820059
	Double bit 4mm	PT0820056	PT0820060
	Square 7mm	PT0820057	PT0820061
	Triangular 8mm	PT0820058	PT0820062

Compatible Rod Control see pages 112-113

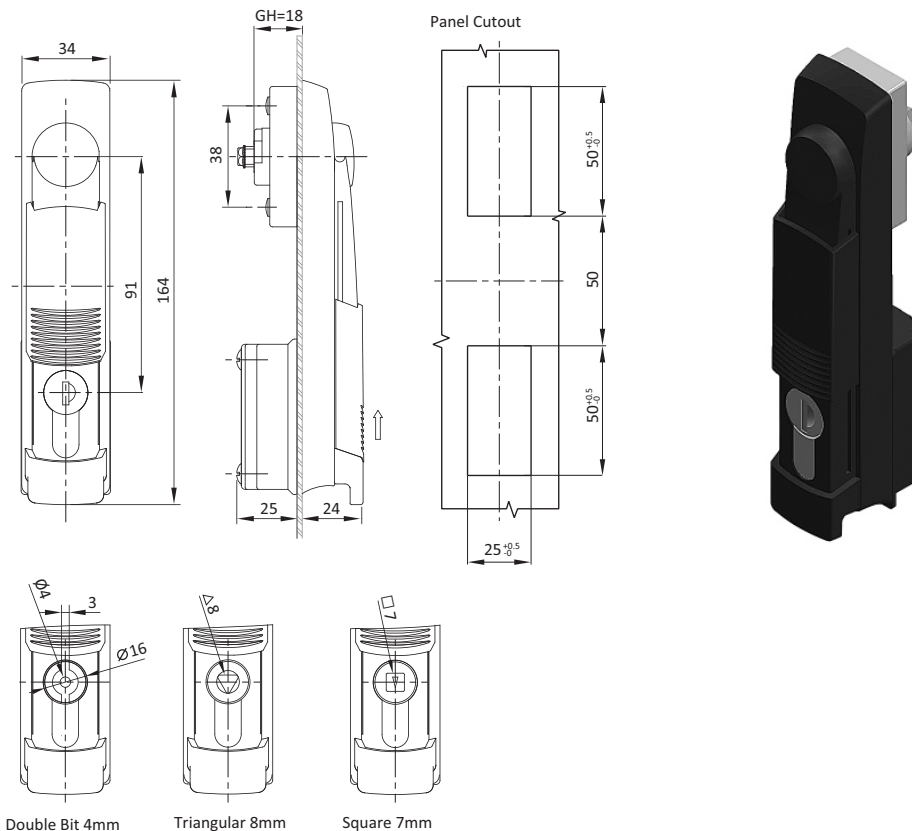
PROFILE CYLINDER SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Shaft: Brass
Hardware: Mild steel

Color Body: Black

Specials With dust cover
Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request



Profile Cylinder Swing Handle

Cylinder Style

Part

FH333 Profile round cylinder

PT0880021

Double bit 4mm

PT0880022

Square 7mm

PT0880023

Triangular 8mm

PT0880024

Compatible profile cylinders see page 118
Compatible cams see pages 195-202

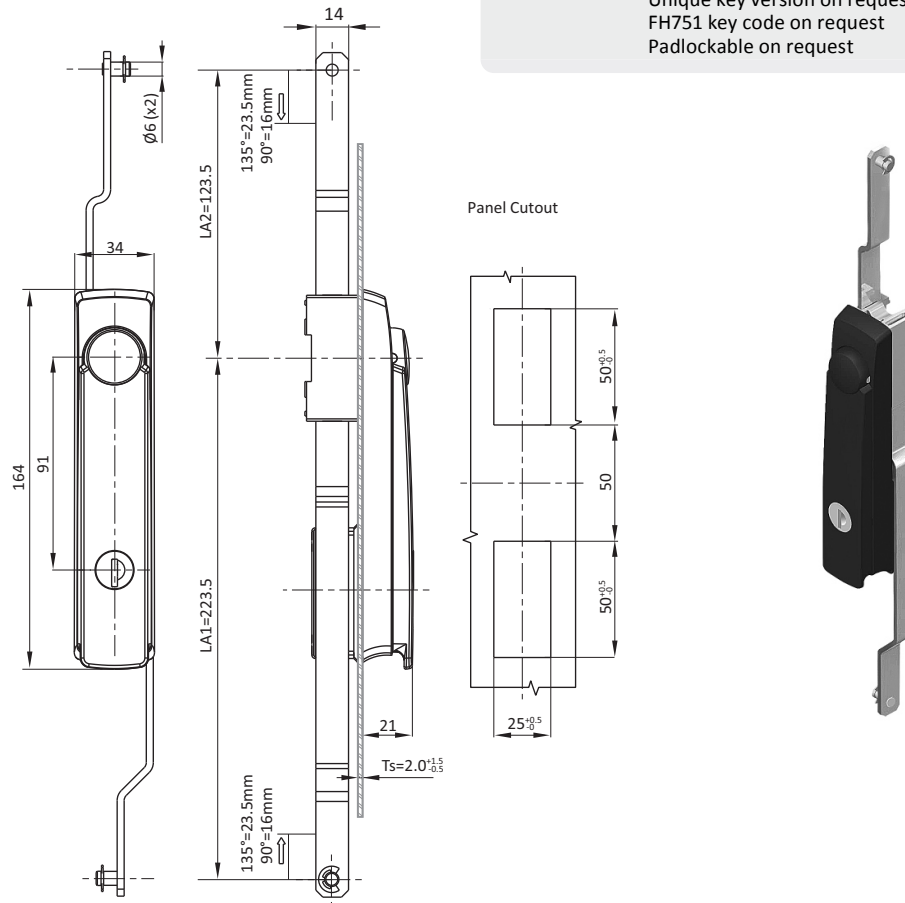
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle, shaft and rod control: Die-cast zinc
Hardware: Mild steel

Color Body: Black

Specials Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request
Padlockable on request



SWH

Cylinder Lock Swing Handle

2 Point Rod control

3 Point Rod control

Cylinder lock keyed FH333

PT0820004

PT0820006

PT0820005

PT0820007

Compatible Rod Control see pages 112-113

PROFILE CYLINDER LOCK SWING HANDLE

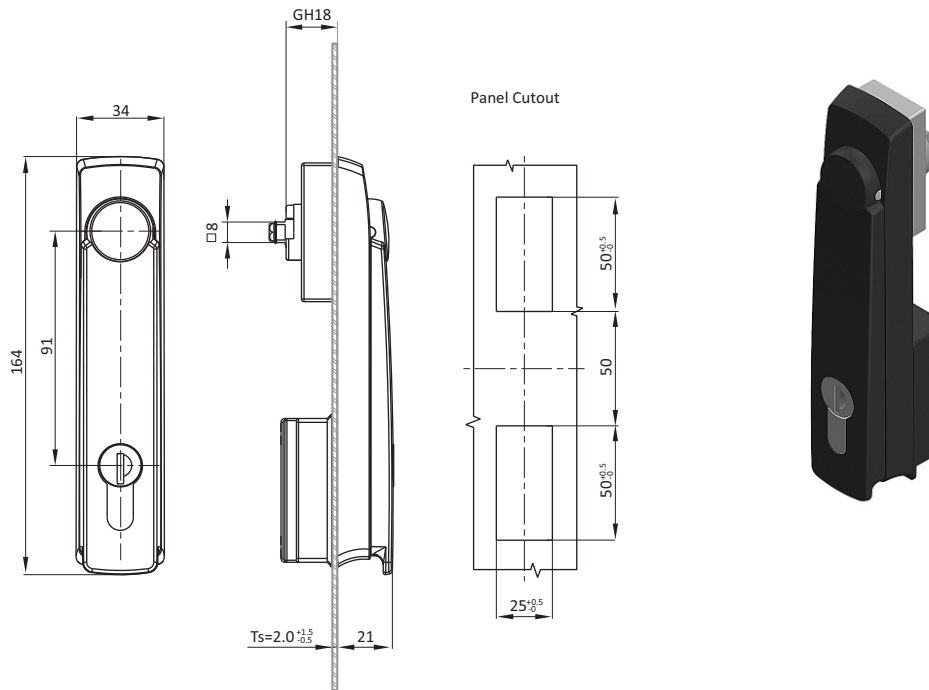
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle and shaft: Die-cast zinc

Color Body: Black

Surface Handle and shaft: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request
Padlockable on request



Profile Cylinder Swing Handle

Cylinder Style

Part

FH333 Profile round cylinder

PT0813180

Double bit 4mm

PT0813181

Square 7mm

PT0813182

Triangular 8mm

PT0813183

Compatible cams see pages 195-202

PROFILE CYLINDER LOCK SWING HANDLE

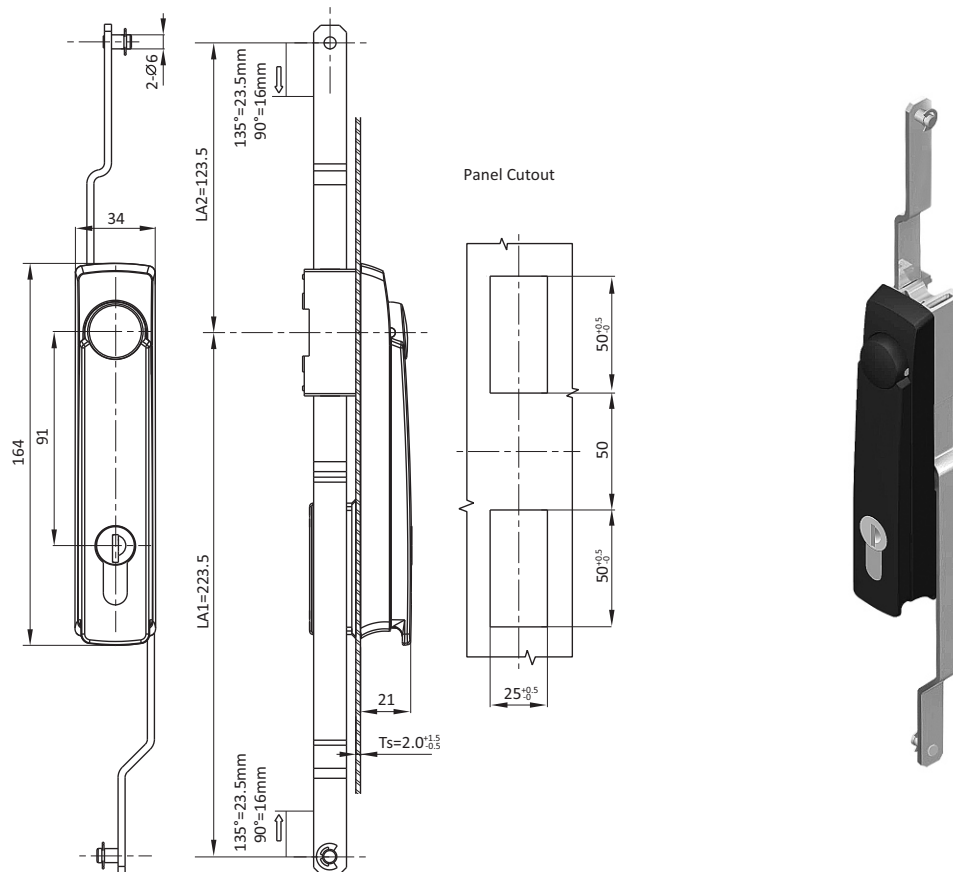
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle, shaft and rod control: Die-cast zinc
Hardware: Mild steel

Color Body: Black

Surface Handle, shaft and rod control: Die-cast zinc
Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR Foam Gasket
Unique key version on request
FH751 key code on request
Padlockable on request



Profile Cylinder Lock Swing Handle

Cylinder Style

2 Point Rod control

3 Point Rod control

FH333 Profile round cylinder

PT0813184

PT0813188

Double bit 4mm

PT0813185

PT0813189

Square 7mm

PT0813186

PT0813190

Triangular 8mm

PT0813187

PT0813191

Compatible Rod Control see pages 112-113

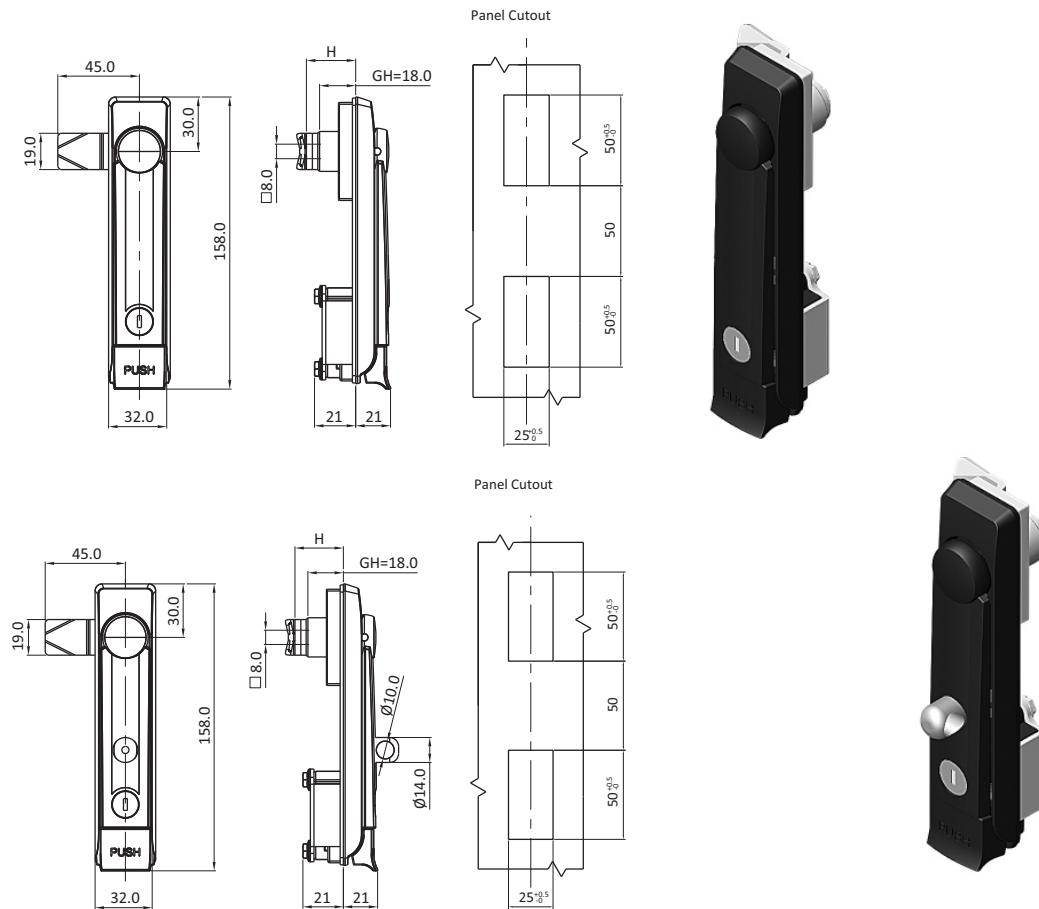
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body, handle, and button: Die-cast zinc
Cam and rod control: Mild steel

Surface Body, handle, and button: Black powder coated
Cam and rod control: Zinc plated

Specials Right and Left
IP65 / NEMA 4 Unique key version on request
Unique key version on request
FH751 key code on request
Padlockable on request



Cylinder Lock Swing Handle

Padlock Compatible

Part #

Padlockable

PT0880037

Without padlock

PT0880039

Compatible cams see pages 195-202

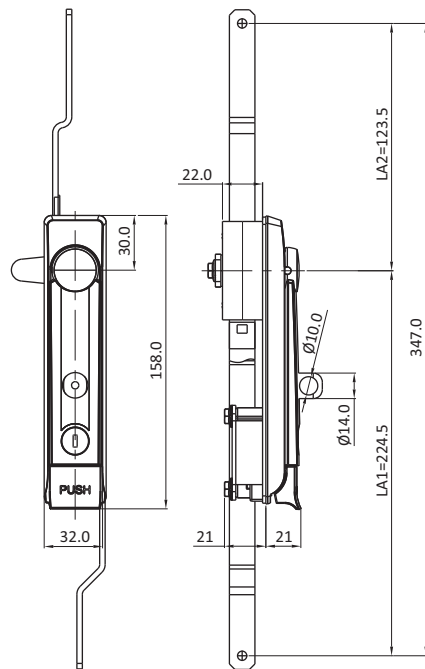
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

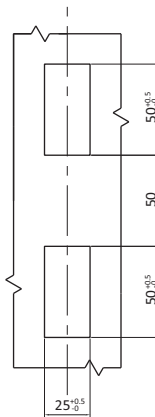
Material Body, handle, and button: Die-cast zinc
Cam and rod control: Mild steel

Surface Body, handle, and button: Black powder coated
Cam and rod control: Zinc plated

Specials Right and Left
IP65 / NEMA 4 Unique key version on request
Unique key version on request
FH751 key code on request
Padlockable on request



Panel Cutout



SWH

Cylinder Lock Swing Handle

Padlock Compatible

Part

Keyed FH333

Padlockable

PT0820114

Without padlock

PT0820115

Compatible Rod Control see pages 112-113

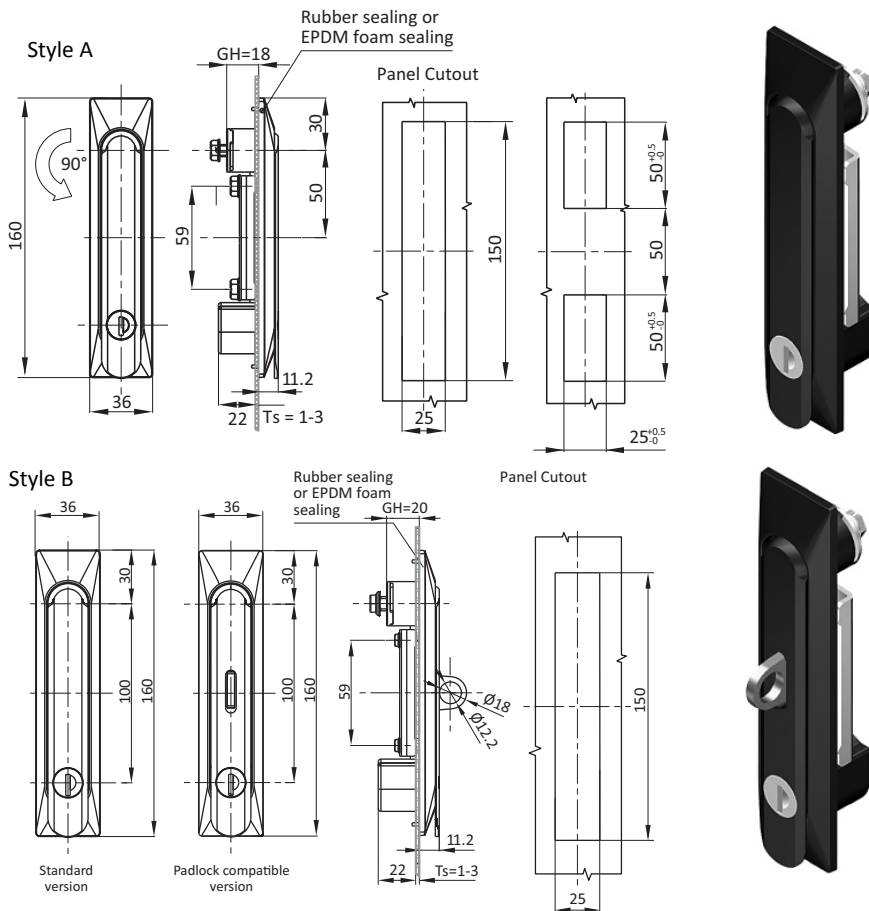
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of cams and accessories.

Material Body: Die-cast zinc / PA, glass fiber reinforced
Handle and shaft: Die-cast zinc
Hardware: Mild steel

Surface Black powder coated
Hardware: Zinc plated

Specials Right and left
IP65 / NEMA 4
Large Size
Unique key version on request
FH751 key code on request
Padlock version on request



Cylinder Lock Swing Handle	Style	GH [mm]	Part #
Die cast handle / PA housing	A	18	PT0880043
Die cast handle / PA housing	B	20	PT0880044
Die cast handle and housing	B	20	PT0880045

Compatible cams see pages 195-202

CYLINDER LOCK SWING HANDLE

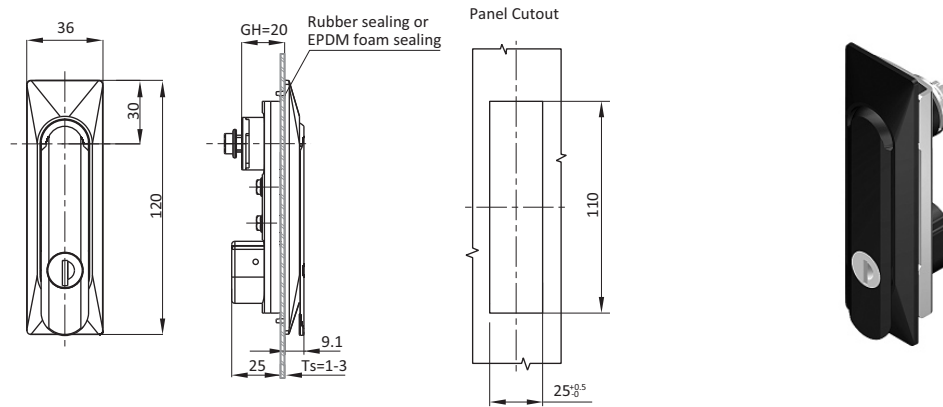
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: Die-cast zinc
Hardware: Mild Steel

Color Black

Surface Hardware. Zinc plated

Specials Rod control
Right and Left
IP65 / NEMA 4
Small Size



Cylinder Swing Handle

Part

Keyed FH333

Die cast zinc handle / PA housing

PT0880041

Die cast zinc

PT0880042

PA

PT0813178

Compatible cams see pages 195-202

Compatible Rod control see page 112-113

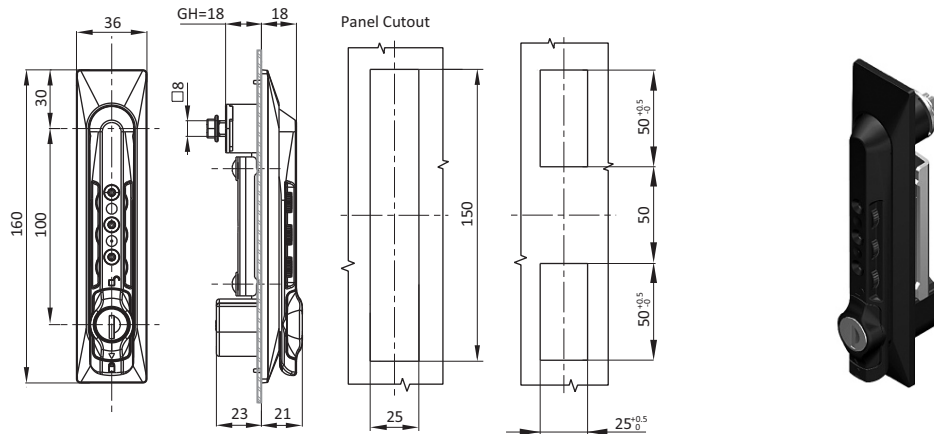
COMBINATION LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle: PA body
Hardware: Mild steel

Color Black

Specials Right and Left
IP65 / NEMA 4
Unique key version on request
FH751 key code on request



Combination Lock Swing Handle

Part #

Keyed FH333

PT0880046

Compatible cams see pages 195-202

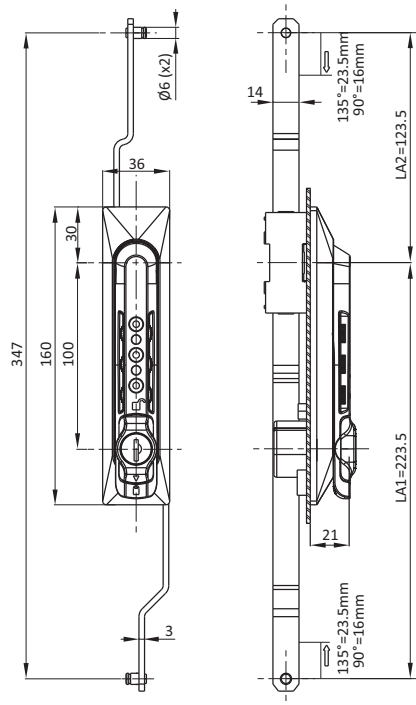
COMBINATION LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

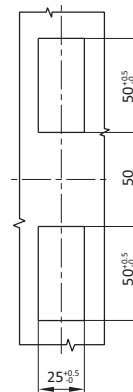
Material Body: PA, glass fiber reinforced
Shaft, and rod control: Die-cast zinc
Hardware: Mild steel

Surface Black powder coated
Hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR foam gasket
Unique key version on request
FH751 key code on request



Panel Cutout



SWH

Combination Lock Swing Handle

Control

Part

Combination lock and FH333 key

2 point rod control

PT0813194

3 point rod control

PT0813195

Compatible cams see pages 195-202

Compatible Rod Control see pages 112-113

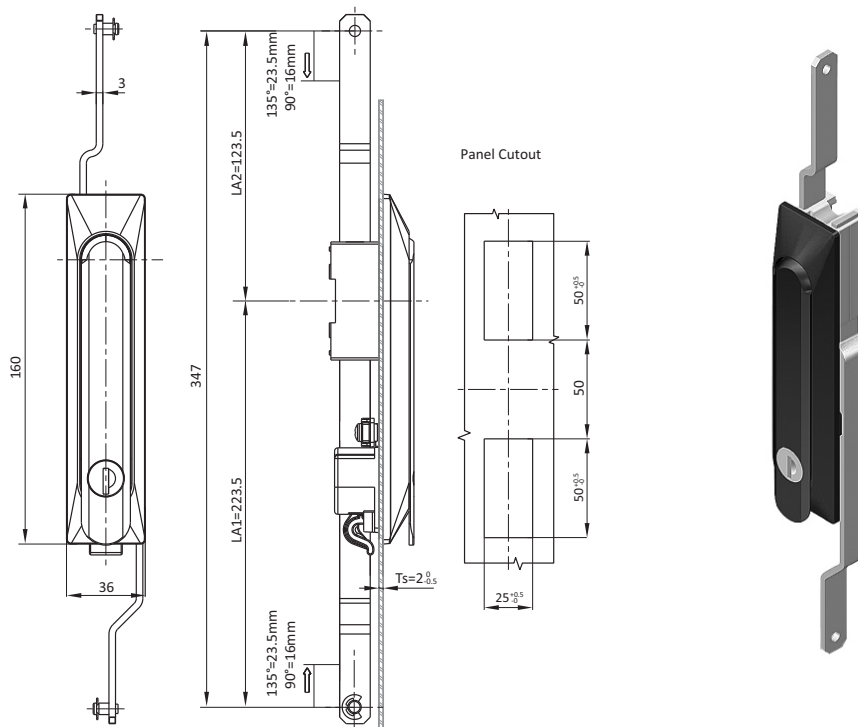
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: PA, glass fiber reinforced
Handle, shaft, and rod control: Die-cast zinc
Hardware: Mild steel

Surface Black powder coated
Hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR foam gasket
Unique key version on request
FH751 key code on request
Padlockable on request



Cylinder Lock Swing Handle

Control

Part

Keyed FH333

2 point rod control

PT0813192

3 point rod control

PT0813193

Compatible Rod Control see pages 112-113

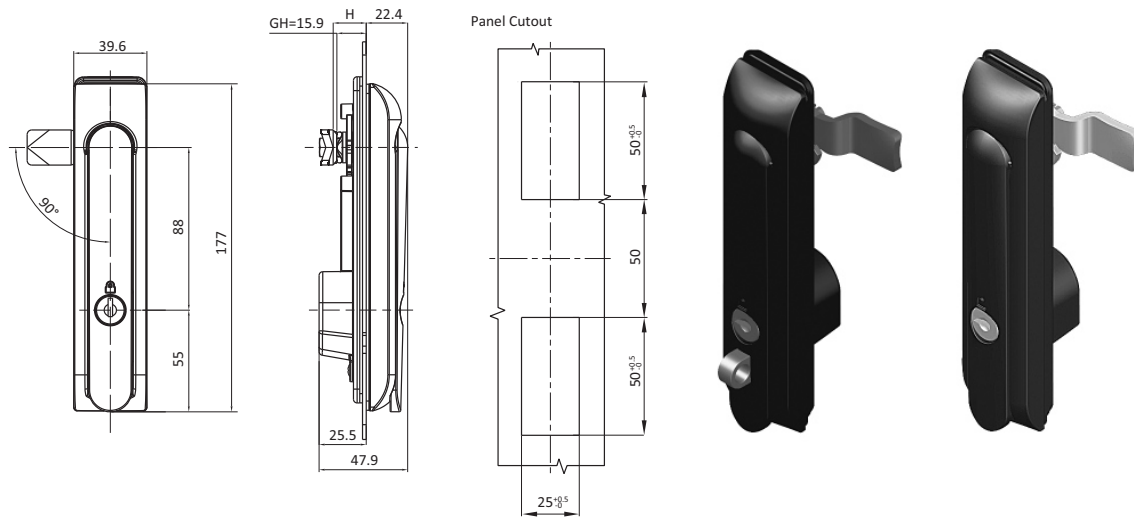
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
 Shaft and rod control: Die-cast zinc
 Hardware: Mild steel

Surface Body: Black powder coated / chrome plated
 Hardware, shaft and rod control: Zinc plated

Specials Right and Left
 IP65 / NEMA 4
 Keyed different on request



SWH

Cylinder Lock Swing Handle	Padlock Compatible	Black Powder Coated	Chrome Plated
FH751 cylinder	Padlockable	PT0813208	PT0813209
	Without padlock	PT0813206	PT0813207
Triangle insert 8mm	Padlockable	PT0813212	PT0813213
	Without padlock	PT0813210	PT0813211

Compatible cams see pages 195-202

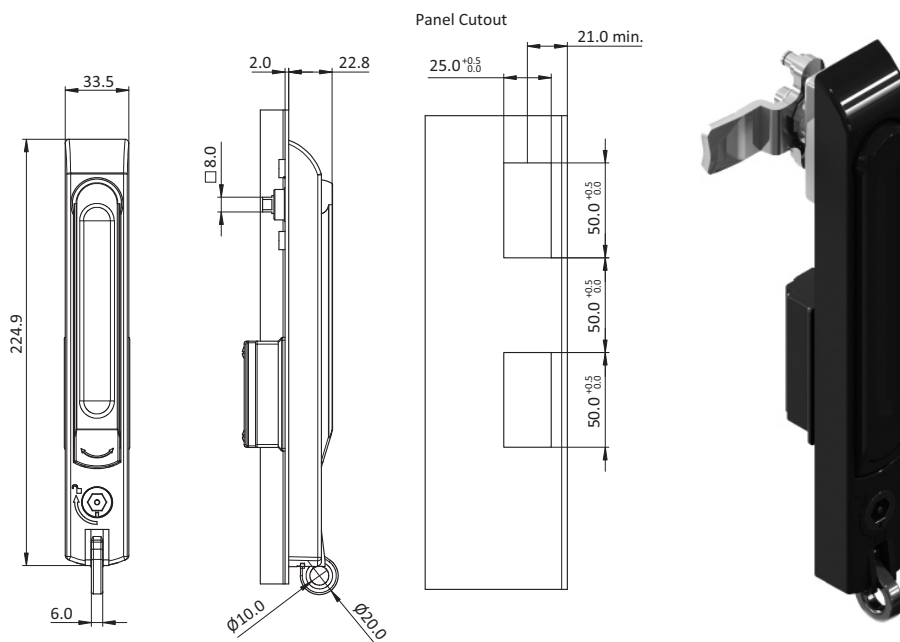
VANDAL RESISTANT SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Base: PA, glass fiber reinforced
 Handle: Die cast zinc
 Remaining components: 316 SS

Color Black

Specials Rod Control and Cam Control
 Right and Left
 IP65 / NEMA 4
 Vandal Resistant Design
 Lock insert options on request



Vandal Resistant Swing Handle

TELCO 216 C 5/16 HEX WITH 0.125 PIN

TELCO 216 C 7/16 HEX

Cam Control	PT0813478	PT0813479
2PT Rod Control	PT0813179	PT0813475
3PT Rod Control	PT0813476	PT0813477

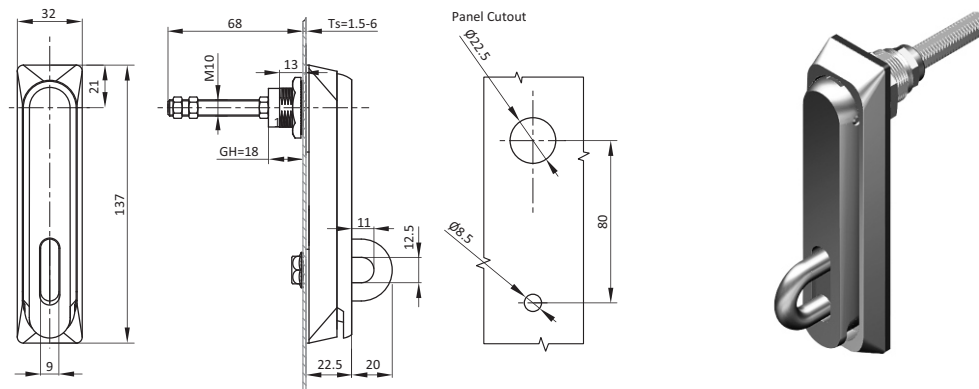
Compatible cams see pages 195-202

PADLOCKABLE SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material 316 SS / 304 SS

Specials Right and left
IP65 / NEMA 4



Padlockable Swing Handle

Stainless Steel 304

Stainless Steel 316

PT0880055

PT0880056

Compatible cams see pages 195-202

SWH

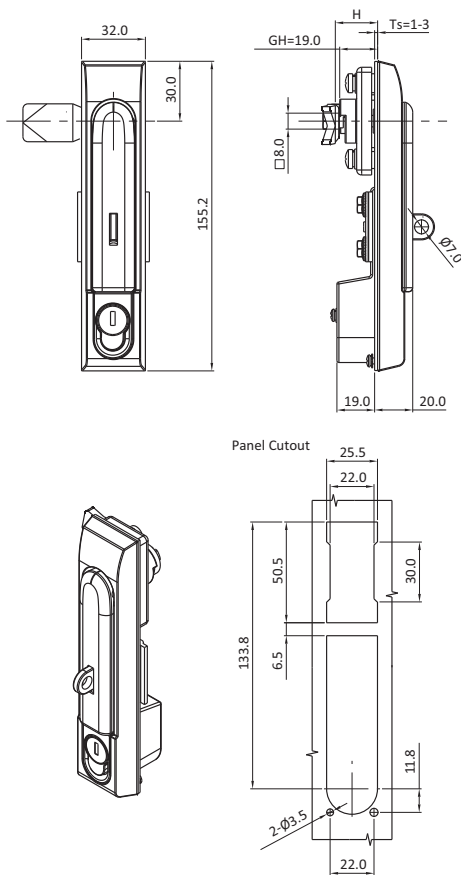
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
Shaft and rod control: Die-cast zinc
Hardware: Mild steel

Surface Body: Black powder coated
Hardware, shaft and rod control: Zinc plated

Specials Right and Left
IP65 / NEMA 4
PUR foam gasket
Padlockable
Unique key version on request



Cylinder Lock Swing Handle

Padlock Compatible

Part

Cam control FH333 key

Padlockable

PT0813197

Without padlock

PT0813196

Compatible cams see pages 195-202

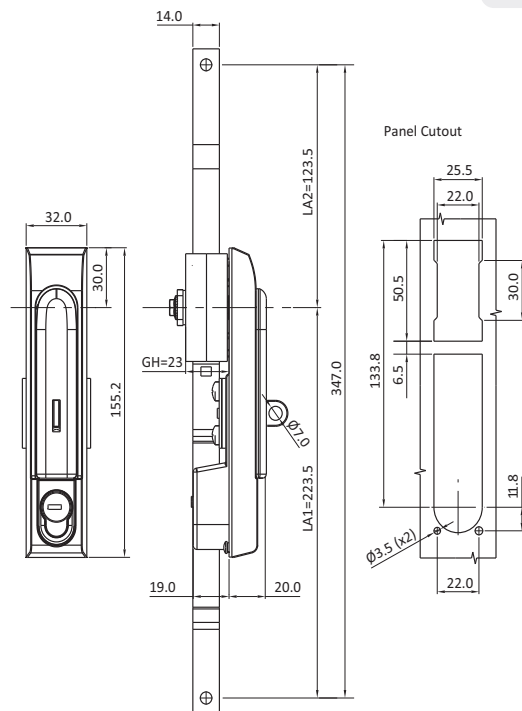
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
 Shaft and rod control: Die-cast zinc
 Hardware: Mild steel

Surface Body: Black powder coated
 Hardware, shaft and rod control: Zinc plated

Specials Right and Left
 IP65 / NEMA 4
 PUR foam gasket
 Padlockable
 Unique key version on request



SWH

Cylinder Lock Swing Handle

Padlock Compatible

2 Point Rod Control

3 Point Rod Control

Keyed FH333

Padlockable

PT0813490

PT0813200

Without padlock

PT0813198

PT0813199

Compatible Rod Control see pages 112-113

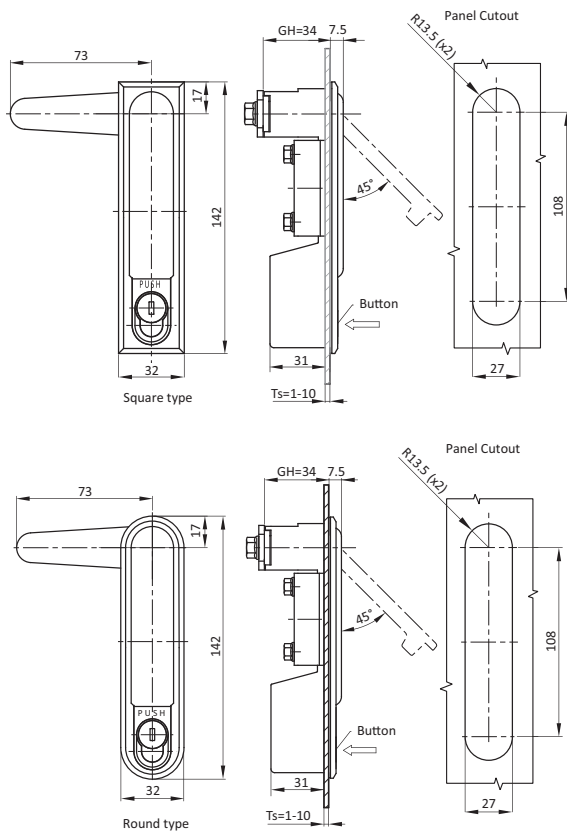
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
Shaft and rod control: Die-cast zinc

Surface Body: Black powder coated / chrome plated
Shaft and rod control: Zinc plated

Specials Right and Left
Push button lock
Keyed FH333



Cylinder Lock Swing Handle

Version

Black Powder Coated

Chrome Plated

Square type

PT0813219

PT0813220

Round type

PT0813221

PT0813222

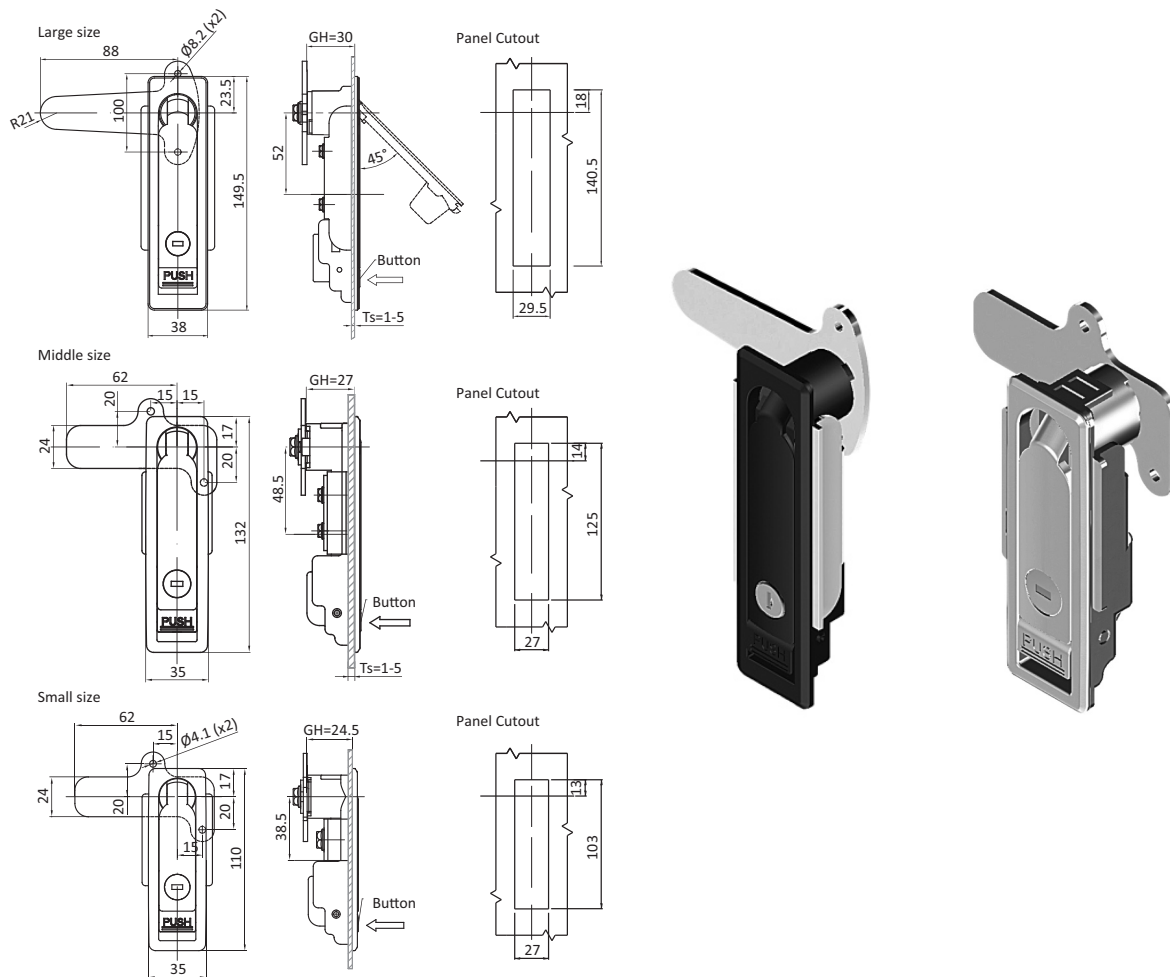
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
Cam: Mild steel

Surface Body: Black powder coated / chrome plated
Cam: Zinc plated

Specials Right and Left
Push button lock
Keyed FH333



Cylinder Lock Swing Handle

Size

Black Powder Coated

Chrome Plated

Large

[PT0813214](#)[PT0813215](#)

Medium

[PT0813216](#)[PT0813217](#)

Small

[PT0813491](#)[PT0813218](#)

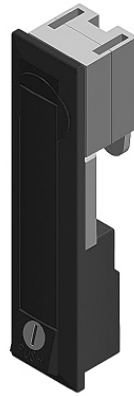
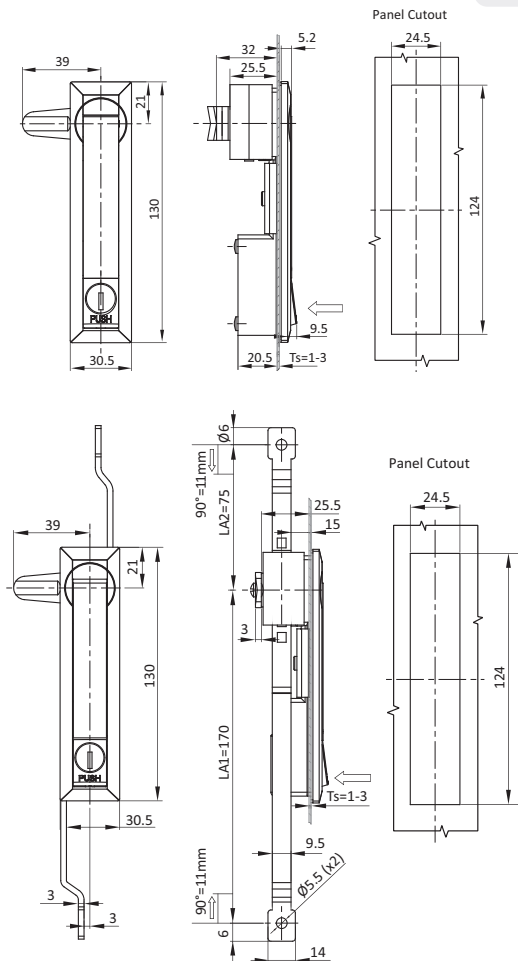
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps. Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
Hardware: Mild steel

Surface Body: Satin chrome plated / black powder coated
Hardware: Zinc plated

Specials Right and Left
IP65 / NEMA 4
Keyed FH333
Push button



Profile Cylinder Lock Swing Handle

Control

Satin chrome plated

Black Powder Coated

With cylinder lock FH333,
push to open

cam control
3 point rod control

PT0880035
PT0820110

PT0880036
PT0820111

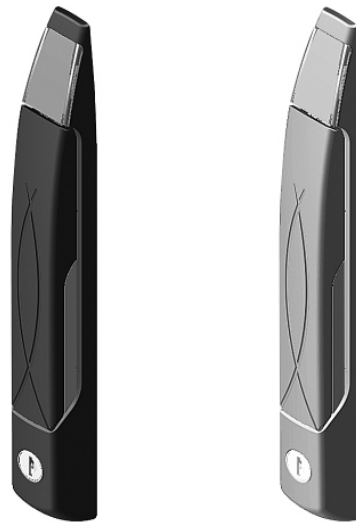
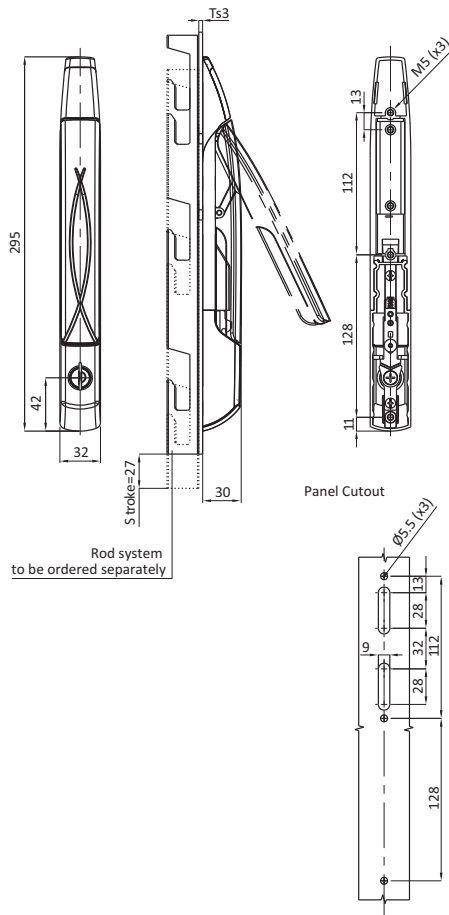
CYLINDER LOCK SWING HANDLE

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die-cast zinc
Mounting bracket, push plate, baffle plate and pin: Stainless steel

Surface Body: Black powder coated / RAL 7032 powder coated

Specials Right and Left
IP65 / NEMA 4
PUR foam gasket



SWH

Cylinder Lock Swing Handle

Black Powder Coated

RAL 7032 Powder Coated

Keyed FH333

PT0813204

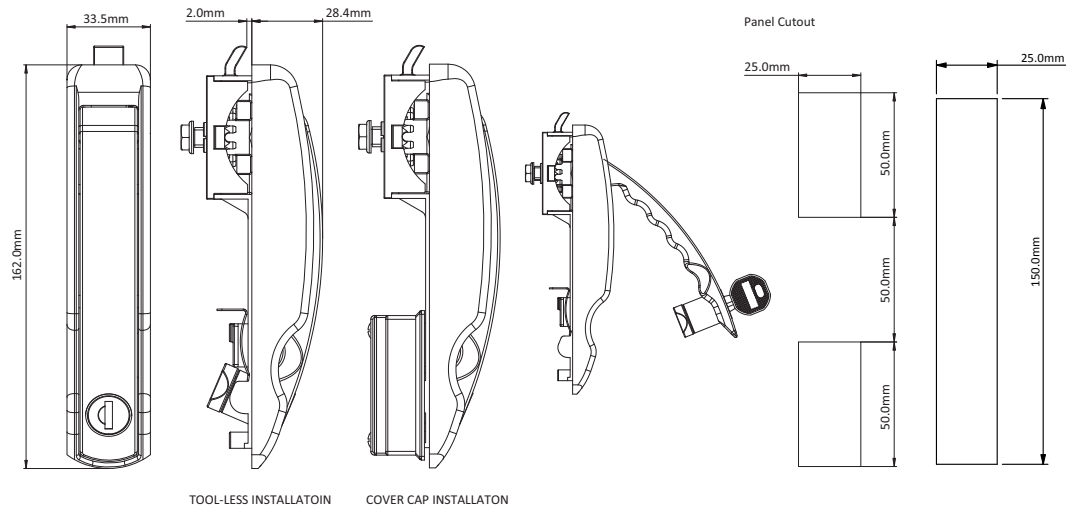
PT0813205

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material PA 30% glass filled
Mounting bracket, push plate, baffle plate and pin: Stainless steel

Surface Black

Specials Right and Left
Keyed FH333



Mounting panel thickness 1.0-2.0mm



SWH

Standard Operation
Door Hinged
Right Side Door Hinged
Left Side

Spring Assist Operation
Door Hinged
Right Side Door Hinged
Left Side

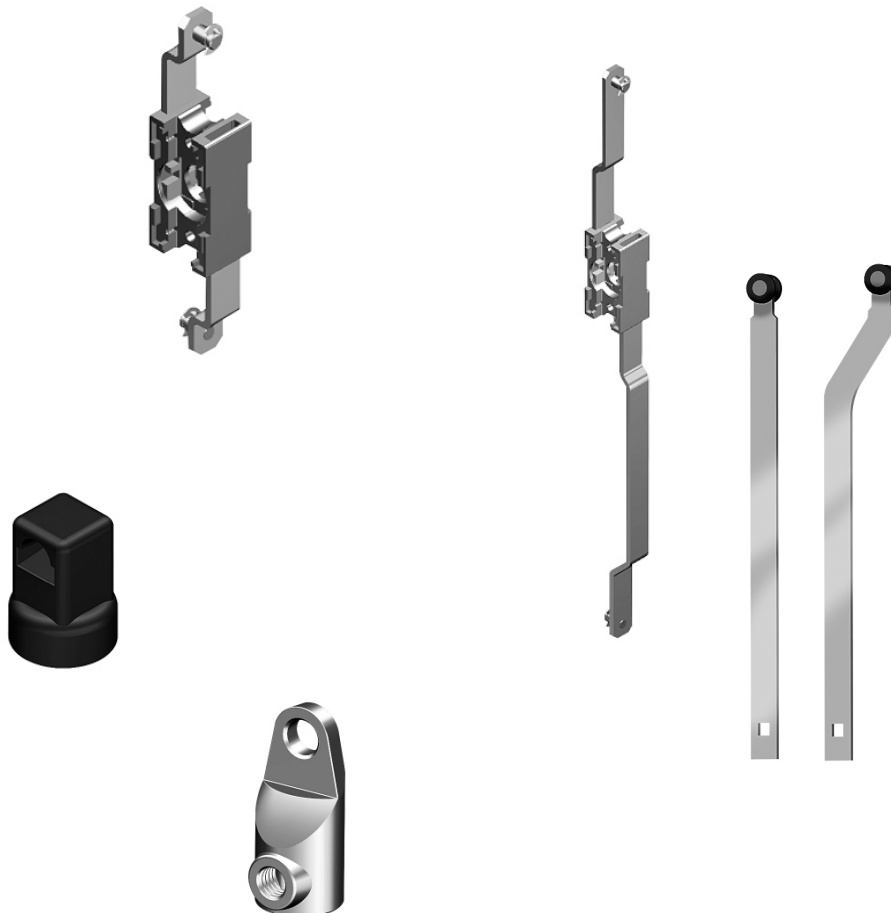
Constant Friction Operation
Door Hinged
Right Side Door Hinged
Left Side

Tool-Less Installation	PT0813569	PT0850112	PT0813569S01	PT0850112S01	PT0813569S02	PT0850112S02
Dust Cap Installation	PT0850111	PT0850113	PT0850111S01	PT0850113S01	PT0850111S02	PT0850113S02



INDUSTRIAL HARDWARE

CHAPTER 5: ACCESSORIES FOR SWING HANDLES



ROD CONTROL	112-113
ROD GUIDES	114
ROD CATCHES	115
ROD GUIDES / ROD ADAPTER	116
RODS	117-118
PROFILE CYLINDER LOCK	119

ROD CONTROL

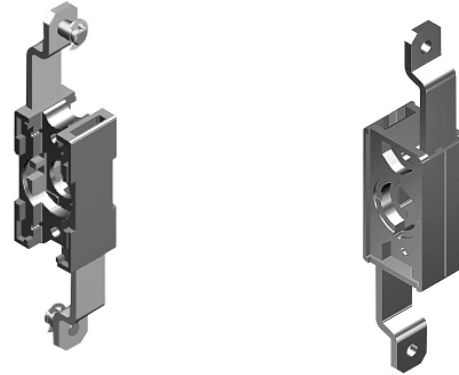
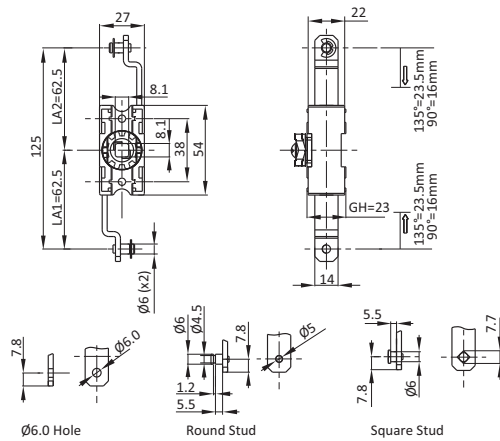
Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die cast zinc
Rods: Mild steel

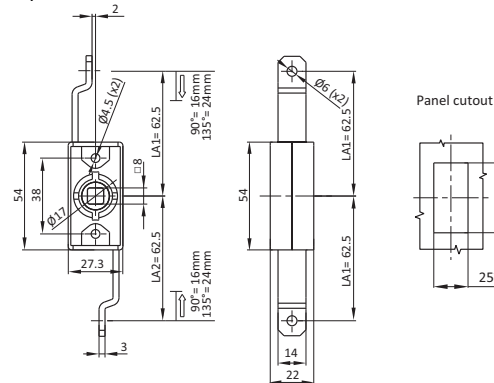
Surface Zinc plated

Specials Right and left

Style A



Style B



	Rod End	Style A	Style B
	Round studs	PT0813225	PT0813226
	Square studs	PT0813227	PT0813228
	6mm Hole	PT0813229	PT0813230

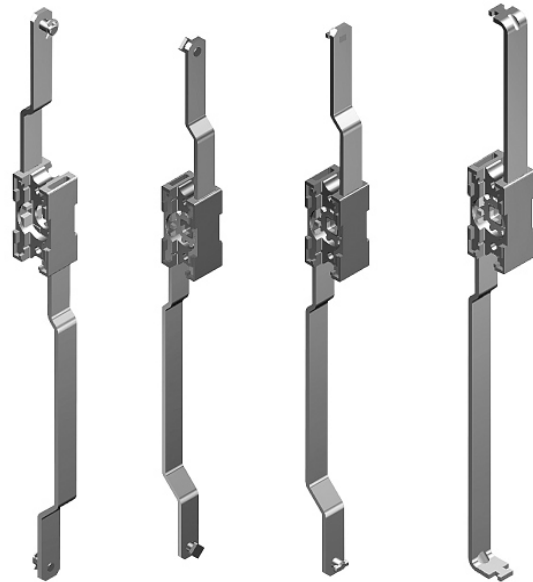
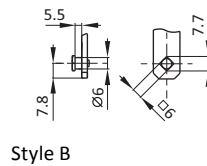
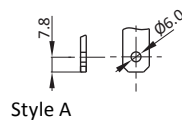
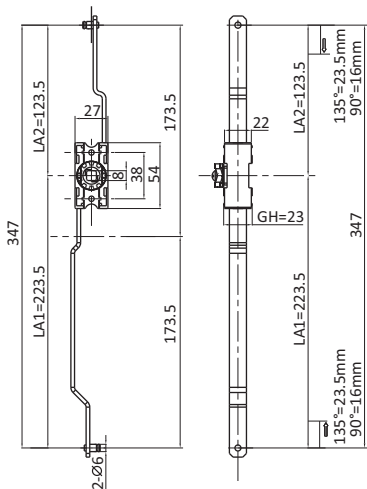
ROD CONTROL

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

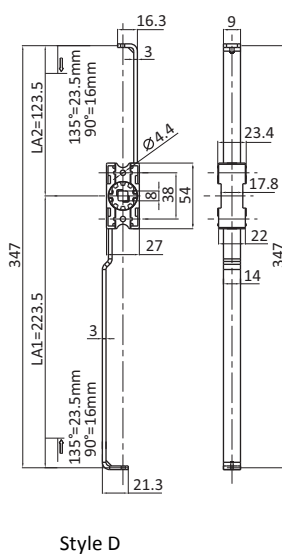
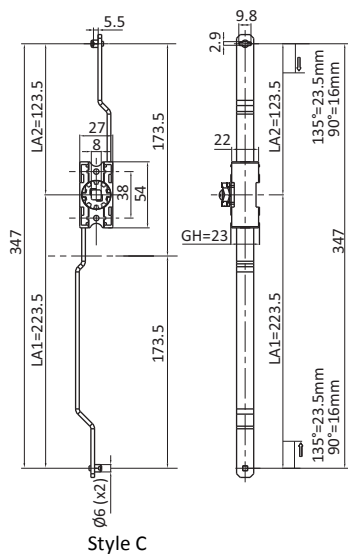
Material Body: Die cast zinc
Rods: Mild steel

Surface Zinc plated

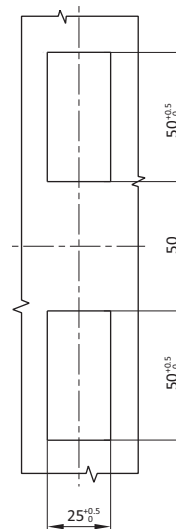
Specials Right and left



ASH



Panel Cutout



Rod End

Part

Round studs (Style A)

PT0813231

Square studs (Style B)

PT0813232

Round Hook (Style C)

PT0813233

Hook (Style D)

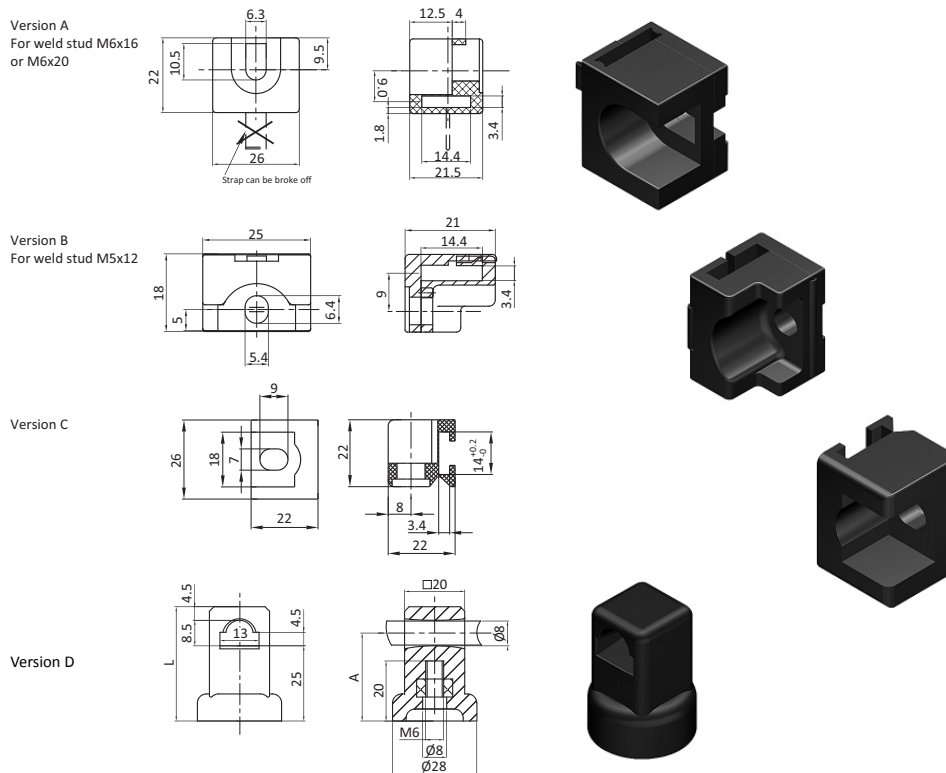
PT0813234

ROD GUIDES

Description To guide flat rods parallel to a door and add extra security to door latching and locking.

Material PA

Color Black



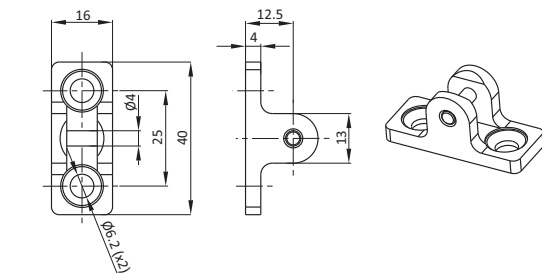
Version	A [mm]	L [mm]	Stud Size	Flat Rod	Round Rod #
Version A			M6 x 16	PT0890032	
Version B			M5 x 16	PT0890033	
Version C			M6 x 16	PT0813251	
Version D	24	32	M6 x 16		PT0890129
	25	38	M6 x 20		PT0890031
	30	44	M6 x 24		PT0890030

ROD CATCHES

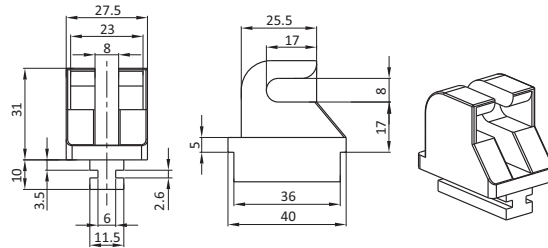
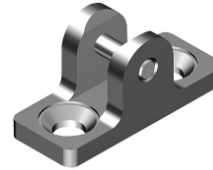
Description To latch a door with multiple points.

Material Die cast zinc

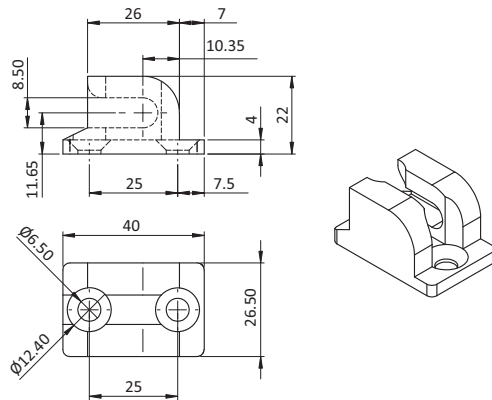
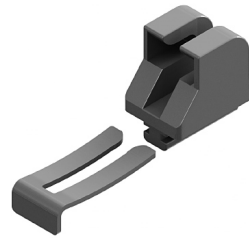
Surface Zinc plated
Black powder coated



Style A



Style B



Style C



Rod Catches	Finish		Part #
Style A	Zinc Plated		PT0813253
Style B	Black Powdered Coated		PT0813254
Style C	Black Powdered Coated		PT0890029

ASH

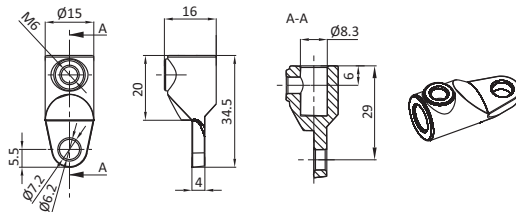
ROD GUIDES / ROD ADAPTER

Description To guide flat rods parallel to a door and add extra security to door latching and locking

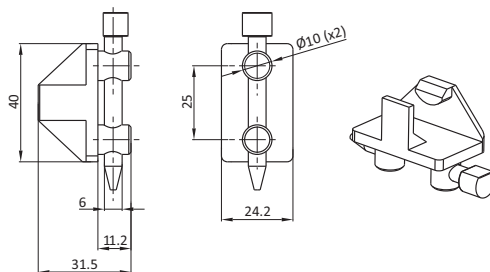
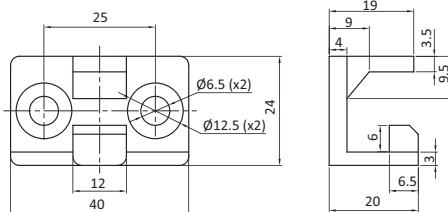
Material Die cast zinc
316 SS
Clamping pin: PA black

Surface Nickel plated
Black powder coated

Color Clamping pin: Black



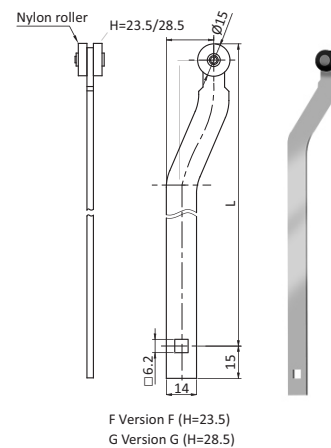
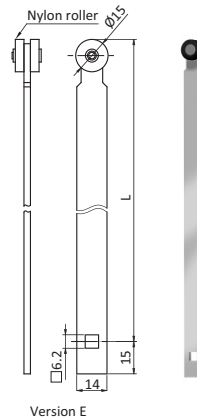
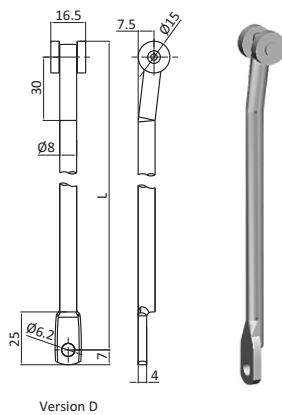
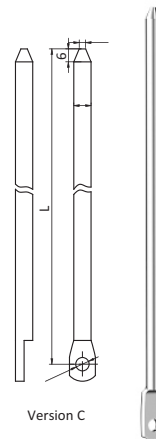
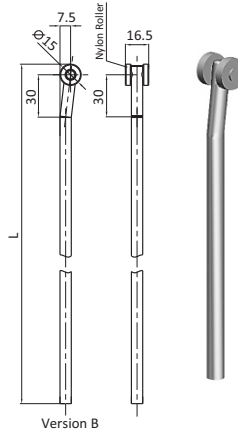
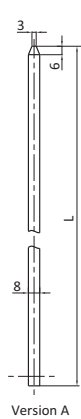
Rod catch



	Zinc plated	Black Powder Coated	316 SS
Adapter	PT0890027		PT0890027E
Rod catch		PT0890028	
Rod guide		PT0813252	

RODS

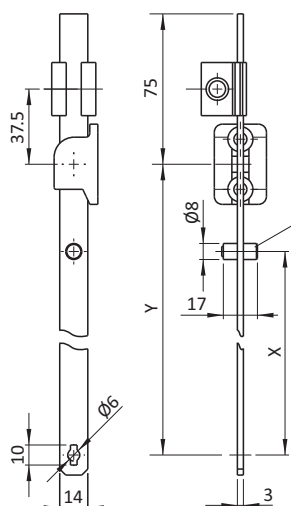
Description Locks and unlocks both quarter turns and swing handles
Material Mild steel with nylon roller
Surface Zinc plated



L [mm]	Version A	Version B	Version C	Version D	Version E	Version F	Version G
400	PT0890060	PT0890068	PT0890076	PT0890084	PT0890092	PT0890100	PT0890108
500	PT0890061	PT0890069	PT0890077	PT0890085	PT0890093	PT0890101	PT0890109
600	PT0890062	PT0890070	PT0890078	PT0890086	PT0890094	PT0890102	PT0890110
700	PT0890063	PT0890071	PT0890079	PT0890087	PT0890095	PT0890103	PT0890111
800	PT0890064	PT0890072	PT0890080	PT0890088	PT0890096	PT0890104	PT0890112
900	PT0890065	PT0890073	PT0890081	PT0890089	PT0890097	PT0890105	PT0890113
1000	PT0890066	PT0890074	PT0890082	PT0890090	PT0890098	PT0890106	PT0890114
1100	PT0890067	PT0890075	PT0890083	PT0890091	PT0890099	PT0890107	PT0890115
1200	PT0890201	PT0890202	PT0890203	PT0890204	PT0890205	PT0890206	PT0890207

ASH

RODS

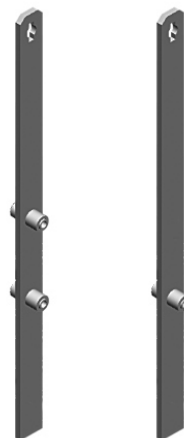


Door Height less than 1600mm
only have one copper rivet

Description Locks and unlocks both quarter turns and swing handles

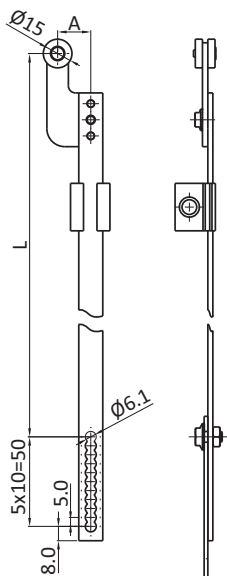
Material Mild steel
Rollers: Brass

Surface Zinc plated



Door Height [mm]		X [mm]	Y [mm]	Version H
800 - 1200	-		126.5	PT0813255
1200 - 1600	-		276.5	PT0813256
1600 - 1900	101.5		526.5	PT0813257
1900 - 2200	101.5		676.5	PT0813258

RODS



Description Locks and unlocks both quarter turns and swing handles

Material Mild steel
Rollers: Nylon

Surface Zinc plated



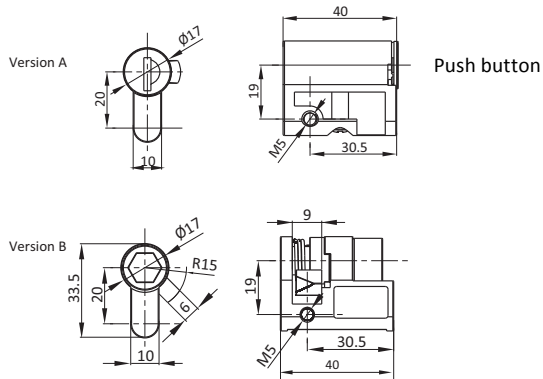
A [mm]	L = 400	L = 500	L = 600	L = 700	L = 800	L = 900	L = 1000	L = 1100
18.5	PT0813259	PT0813260	PT0813261	PT0813262	PT0813263	PT0813264	PT0813265	PT0813492
22.5	PT0813266	PT0813267	PT0813268	PT0813269	PT0813270	PT0813271	PT0813272	PT0813493
27.5	PT0813273	PT0813274	PT0813275	PT0813276	PT0813277	PT0813278	PT0813279	PT0813494

PROFILE CYLINDER LOCK

Description For easy and secure latching and locking of doors and flaps.
Wide range of inserts, cams, and accessories.

Material Body: Die cast zinc

Surface Chrome plated



Style A

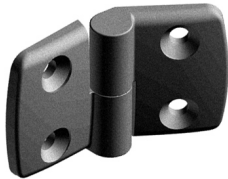
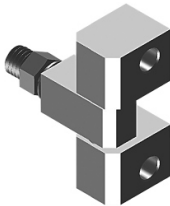


Style B



Cylinder Style	Style A	Style B
Keyed FH233	PT06002SH0001R01	
Keyed FH333	PT0811042	PT0811043
Double bit 3mm	PT0810506	PT0813235
Double bit 4mm	PT0810507	PT0813236
Double bit 5mm	PT0810508	PT0813237
Slot 2 x 4	PT0810509	PT0813238
Slot 2 x 4 coin proof	PT0810510	PT0813239
Triangle 7mm	PT0810511	PT0813240
Triangle 8mm	PT0810512	PT0813241
Square 7mm	PT0810513	PT0813242
Square 8mm	PT0810514	PT0813243
Square 7mm with slot	PT0810515	PT0813244
Square 8mm with slot	PT0810516	PT0813245
Female square 8mm	PT0810517	PT0813246
Hexagon female 8mm	PT0810518	PT0813247
Hexagon female 9mm	PT0810519	PT0813248
Hexagon female 8mm with 3mm pin	PT0810520	PT0813249
Hexagon male 10mm	PT0810521	PT0813250

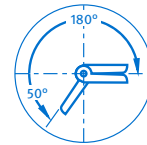
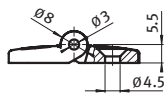
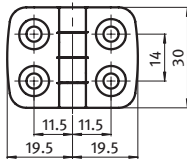
INDUSTRIAL HARDWARE
CHAPTER 6: **SURFACE HINGES**



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PLASTIC HINGE 20

- Description** To hinge panels or aluminum profiles
- Material** Wings: Nylon PA, glass fiber reinforced
Bolt: Stainless steel
- Color** Black
- Fastening** From the front, using M4 countersunk screws
- Specials** ⚡ electrostatically conductive, further colors, fixing pins for installation on aluminum profiles available on request



Plastic Hinge 20

FA max [N]

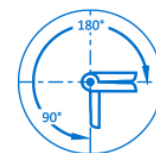
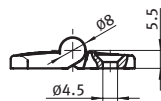
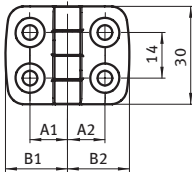
FR max [N]

Part #

	200	400	PT095012
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STAINLESS STEEL COMBI HINGE 20

- Description** To hinge panels
- Material** Wing: Stainless steel SS316
Bolt: Stainless steel SS430 F
- Surface** Polished
- Fastening** From the front, using M4 countersunk screws



Stainless Steel Combi Hinge 20

A1 [mm]

A2 [mm]

B1 [mm]

B2 [mm]

FAmx [N]

FRmax [N]

Part #

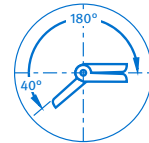
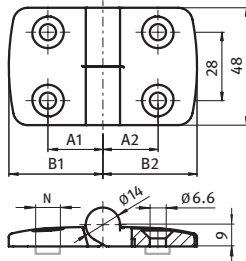
	11.5	11.5	19.0	19.0	450	700	PT095E2020F
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PLASTIC COMBI HINGES

Description To hinge panels

Material Hinge leaves: Nylon PA, glass fiber reinforced
Hinge pin: Stainless steel

Color Black



Plastic Combi Hinges	A1 [mm]	A2[mm]	B1[mm]	B2 [mm]	Left Hand	Right Hand	Non-Lift Off
	15.0	15.0	26.0	26.0	PT095K2525L00	PT095K2525R00	PT095K2525F00
	17.5	17.5	29.5	29.5	PT095K3030L00	PT095K3030R00	PT095K3030F00
	20.0	20.0	36.0	36.0	PT095K3535L00	PT095K3535R00	PT095K3535F00
	22.5	22.5	38.5	38.5	PT095K4040L00	PT095K4040R00	PT095K4040F00
	25.0	25.0	43.5	43.5	PT095K4545L00	PT095K4545R00	PT095K4545F00
	27.5	27.5	48.5	48.5	PT095K5050L00	PT095K5050R00	PT095K5050F00
	32.5	32.5	57.5	57.5	PT095K6060L00	PT095K6060R00	PT095K6060F00

Asymmetric hinges available on request

SFH

COMBI HINGES WITH LOCKING LEVER

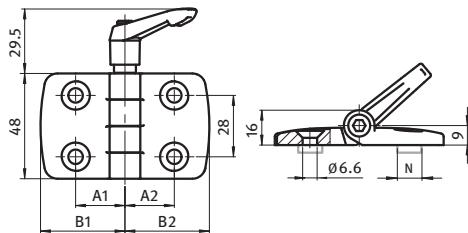
Description To hinge panels or aluminum profiles; can be locked at any position

Material Hinge: Nylon PA, glass fiber reinforced
 Locking lever: Nylon PA, glass fiber reinforced
 Mechanism: Steel, zinc plated (RoHS conform)

Color Black

Fastening From the front, using M6 countersunk screws

Specials ⚡ electrostatically conductive, other sizes, other colors on request

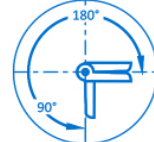
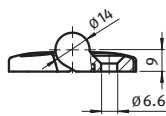
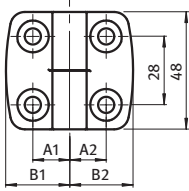


Combi Hinges with Locking Lever	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	F _{Amax} [N]	F _{Rmax} [N]	Part #
	15.0	15.0	26.0	26.0	380	500	PT095KF2525F00
	17.5	17.5	29.5	29.5	400	700	PT095KF3030F00
	20.0	20.0	36.0	36.0	400	700	PT095KF3535F00
	22.5	22.5	38.5	38.5	450	750	PT095KF4040F00
	25.0	25.0	43.5	43.5	450	750	PT095KF4545F00
	27.5	27.5	48.5	48.5	425	800	PT095KF5050F00
	32.5	32.5	57.5	57.5	175	850	PT095KF6060F00

Asymmetric hinges available on request

ALUMINUM COMBI HINGES

Description To hinge panels
Material Hinge leaves: Die-cast aluminum
Hinge pin: Stainless steel
Surface Alu color lacquered



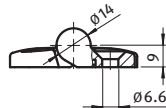
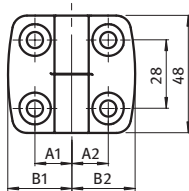
Aluminum Combi Hinges	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Left Hand	Right Hand	Non-Lift Off
	15.0	15.0	26.0	26.0	PT095A2525L	PT095A2525R	PT095A2525F
	17.5	17.5	29.5	29.5	PT095A3030L	PT095A3030R	PT095A3030F
	20.0	20.0	36.0	36.0	PT095A3535L	PT095A3535R	PT095A3535F
	22.5	22.5	38.5	38.5	PT095A4040L	PT095A4040R	PT095A4040F
	25.0	25.0	43.5	43.5	PT095A4545L	PT095A4545R	PT095A4545F
	27.5	27.5	48.5	48.5	PT095A5050L	PT095A5050R	PT095A5050F
	32.5	32.5	57.5	57.5	PT095A6060L	PT095A6060R	PT095A6060F

Asymmetric hinges available on request

SFH

STAINLESS STEEL COMBI HINGES

Description To hinge panels
Material Hinge leaves: Stainless steel SS316
Hinge pin: Stainless steel
Surface Polished

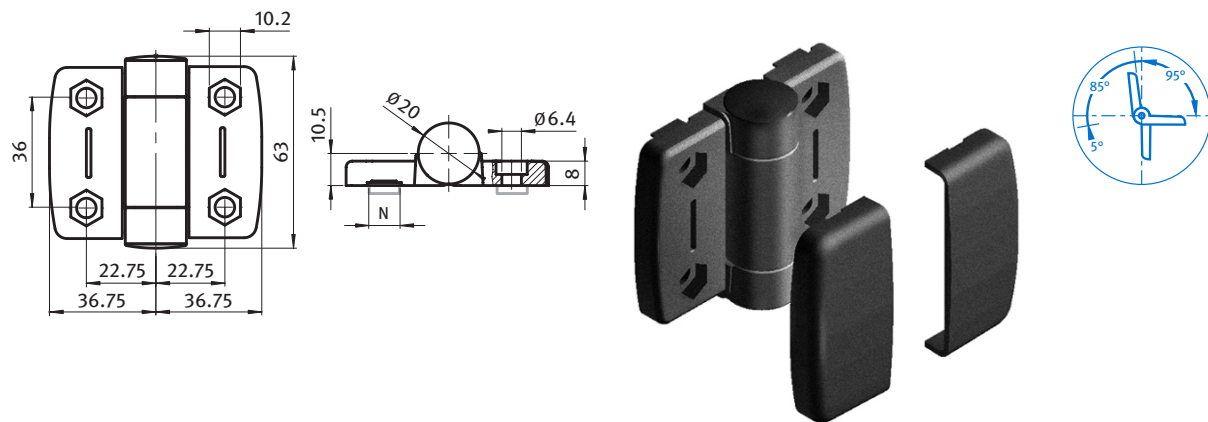


Stainless Steel Combi Hinges	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Left Hand	Right Hand	Non-Lift Off
	15.0	15.0	26.0	26.0	PT095E2525L	PT095E2525R	PT095E2525F
	17.5	17.5	29.5	29.5	PT095E3030L	PT095E3030R	PT095E3030F
	20.0	20.0	36.0	36.0	PT095E3535L	PT095E3535R	PT095E3535F
	22.5	22.5	38.5	38.5	PT095E4040L	PT095E4040R	PT095E4040F
	25.0	25.0	43.5	43.5	PT095E4545L	PT095E4545R	PT095E4545F
	27.5	27.5	48.5	48.5	PT095E5050L	PT095E5050R	PT095E5050F
	32.5	32.5	57.5	57.5	PT095E6060L	PT095E6060R	PT095E6060F

Asymmetric hinges available on request

SYSTEM HINGES

Description To hinge panels
Material Hinge leaves: Nylon PA, glass fiber reinforced
Hinge pin: Stainless steel
Color Black



System Hinges	A1 [mm]	B1 [mm]	Standard	Position	Friction
	17.75	27.0	PT095S3030A00	PT095SR3030A00	PT095SF3030A00
	22.75	36.75	PT095S4040A00	PT095SR4040A00	PT095SF4040A00

SFH

DIE-CAST ZINC HINGE 30 WITH OBLONG HOLES

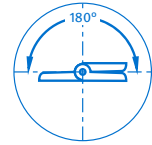
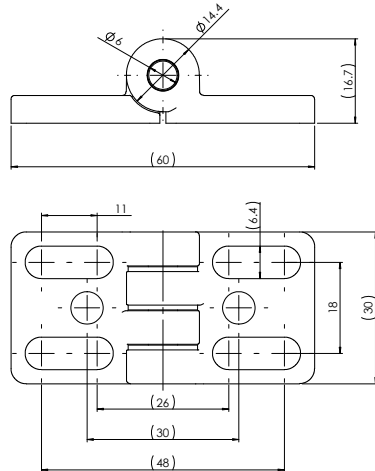
Description To hinge panels or aluminum profiles

Material Wings: Die-cast zinc
Pin: Stainless steel

Surface Black powder coated

Fastening From the front, using M6 screws

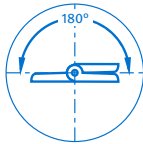
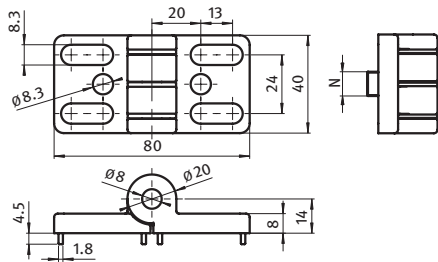
Specials Other surfaces, other colors on request



Die-cast Zinc Hinge 30	F _{Amax} [N]	F _{Rmax} [N]	Part #
	350	1000	PT095400

DIE-CAST ZINC HINGE 40 WITH OBLONG HOLES

- Description** To hinge panels
- Material** Wings: Die-cast zinc
Pin: Stainless steel
- Surface** Black powder coated
- Fastening** From the front, using M6 screws
- Specials** Other surfaces, other colors on request



Die-cast Zinc Hinge 40

F_{Amax}
[N]

F_{Rmax}
[N]

Part #

500

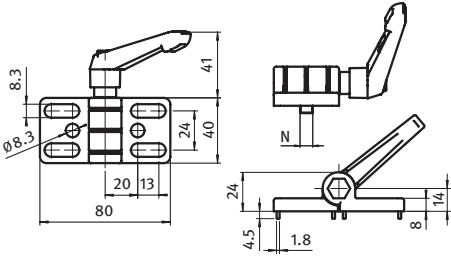
1200

PT095300

SFH

DIE-CAST ZINC HINGE WITH LOCKING LEVER

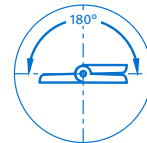
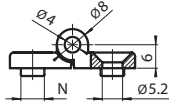
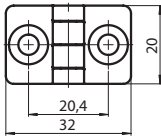
- Description** For panels, can be locked in any position
- Material** Wings: Die-cast zinc
Locking lever: Nylon PA, glass fiber reinforced
Mechanism: Steel, black zinc plated (RoHS)
- Surface** Black powder coated
- Fastening** From the front, using M8 screws
- Specials** Other surfaces, other colors on request



Die-cast Zinc Hinge	F _{Amax} [N]	F _{Rmax} [N]	Part #
	500	1200	PT095300F

PLASTIC HINGE 20 MINI

Description To hinge panels or aluminum profiles
Material Wings: Nylon PA, glass fiber reinforced
 Bolt: Stainless steel
Color Black
Fastening From the front, using M5 countersunk screws
Specials ⚡ electrostatically conductive, other sizes,
 other colors on request

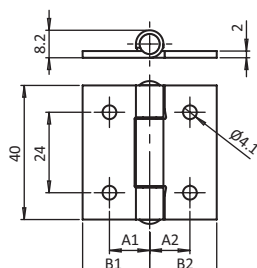


Plastic Hinge 20 Mini	F _A max [N]	F _R max [N]	Part #
	240	300	PT095022F00

SFH

LIGHT STAINLESS STEEL HINGE

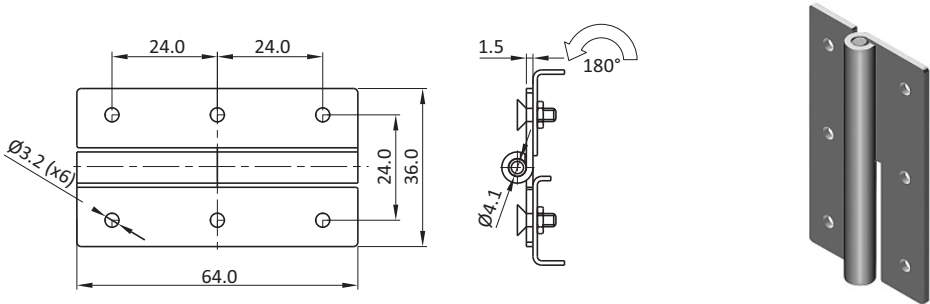
Description To hinge panels
Material Wing: 304 Stainless Steel
 Bolt: 304 Stainless Steel
Color Plain
Fastening From the front, using M6 countersunk screws



Light Stainless Steel Hinge	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	[N]	[N]	Part #
	12.0	12.0	20.0	20.0	320.0	390.0	PT095072

SCREW ON HINGE

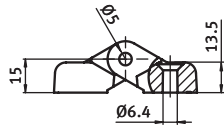
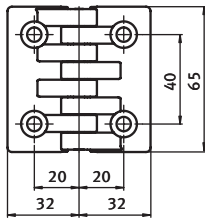
Description To hinge panels
Material Mild Steel
304 SS
Pin: SS
Surface Zinc plated
Specials Lift off
Left and right



Screw-On Hinge	Left	Right
304 SS	PT0813295	PT0813296
Mild steel zinc plated	PT0813297	PT0813298

SFH

HEAVY-DUTY PLASTIC HINGE 65 X 64

Description To hinge panels**Material** Wings: Nylon PA, glass fiber reinforced
Bolt: Stainless steel**Surface** Black**Fastening** From the front, using M6 countersunk screws**Specials**  electrostatically conductive, other sizes, other colors on request

Plastic Hinge

FMax [N]

FRmax [N]

Part #

1500

2800

PT095065

SFH

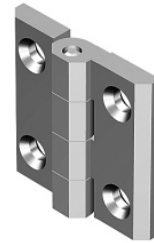
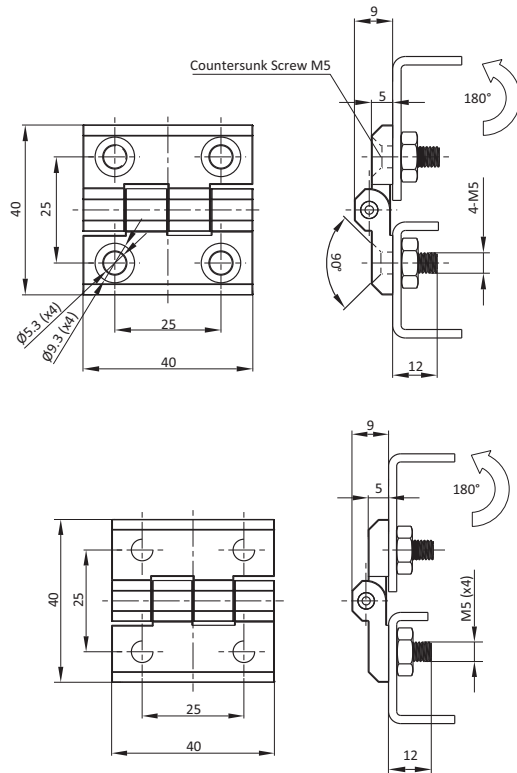
SCREW-ON HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc / stainless steel
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel

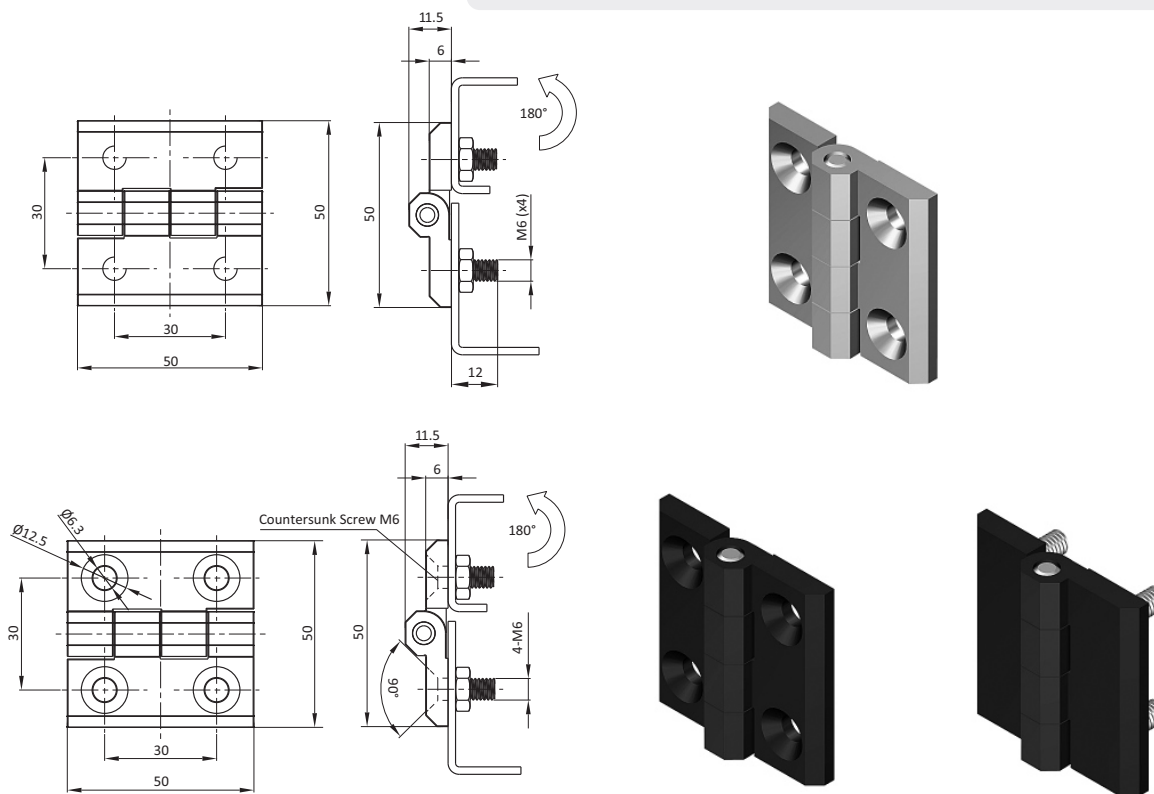
Specials Non lift off



Version	Black Powder Coated	Chrome Plated	SS 316
Countersunk Screw M5	PT095005	PT095005S02	PT09574040E
Threaded M5 Studs	PT0830113	PT0830114	

SCREW-ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc / stainless steel
Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel
Specials Non lift off



Version	Black Powder Coated	Chrome Plated	SS 316
Countersunk Screw M6	PT095006	PT095006S01	PT09575050E
Threaded M6 Studs	PT0830115	PT0830116	

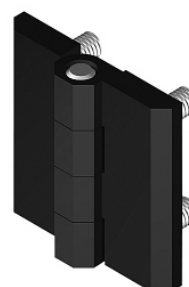
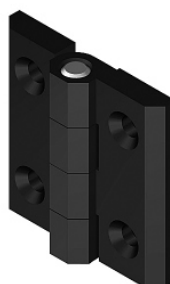
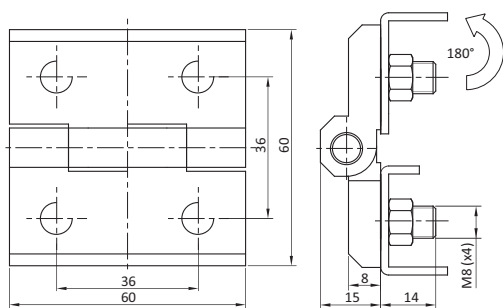
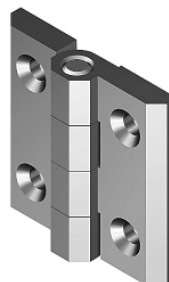
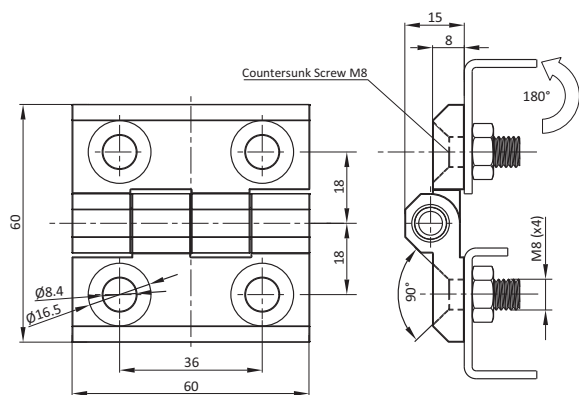
SCREW-ON HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc / stainless steel
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel

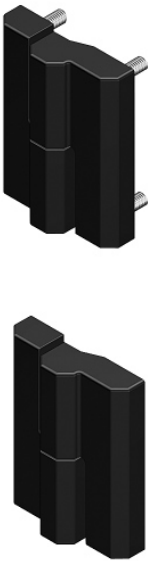
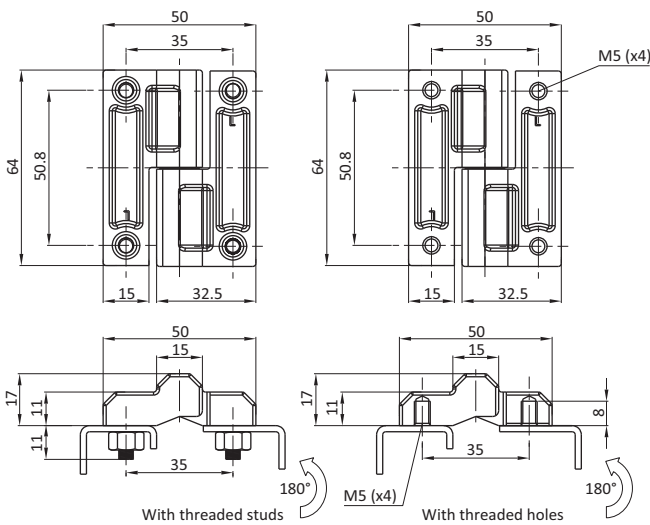
Specials Non lift off



Version	Black Powder Coated	Chrome Plated	SS 316
Countersunk Screw M8	PT095009	PT095009S01	PT09576060E
Threaded M8 Studs	PT0830117	PT0830118	

LIFT-OFF HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated
Hinge pin: 304 Stainless Steel
Specials Lift off

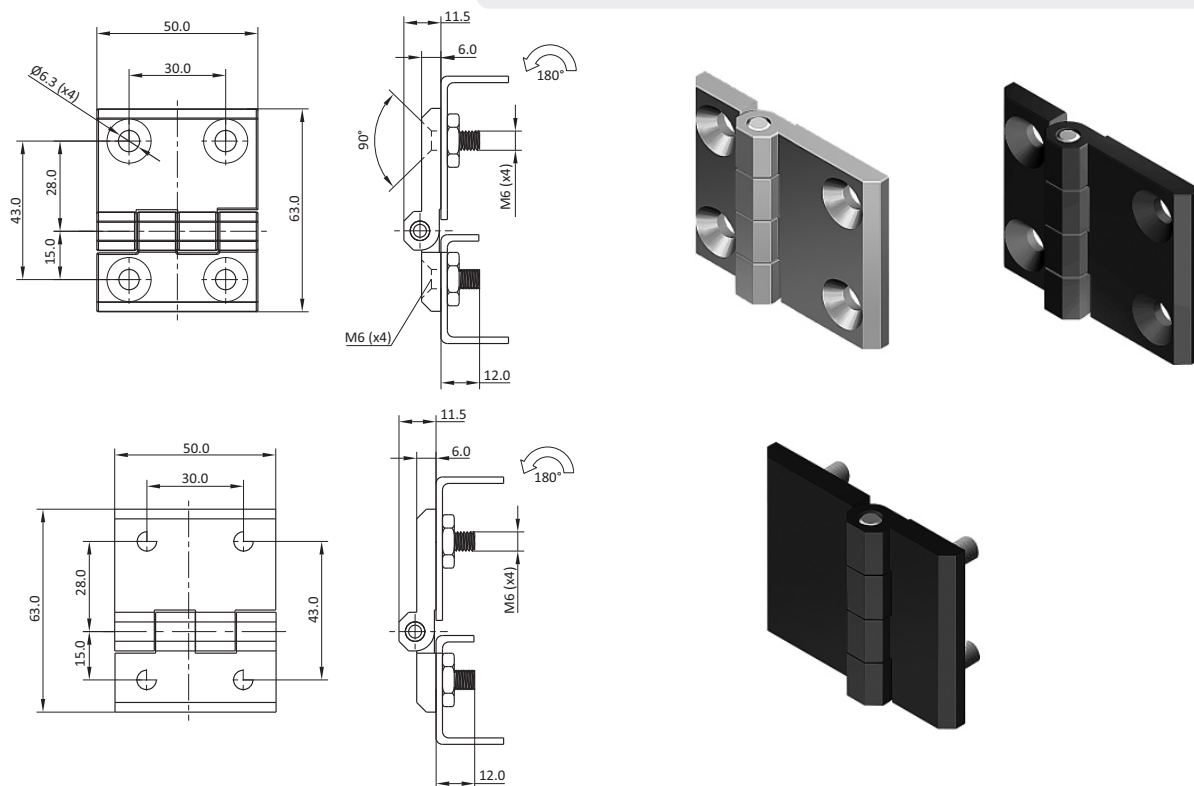


SFH

Version	Left Version	Right Version
With threaded studs	PT0830012S03	PT0830013
With threaded hole	PT0830012	PT0830013S01

SCREW-ON HINGES

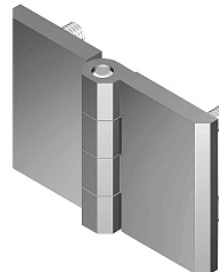
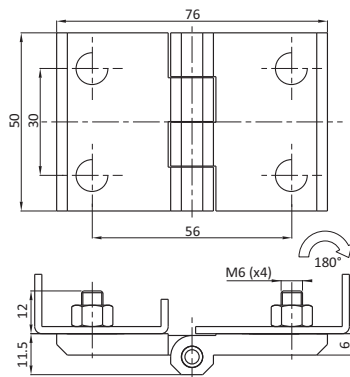
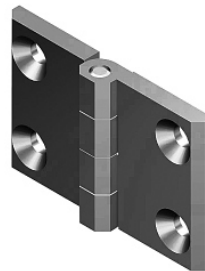
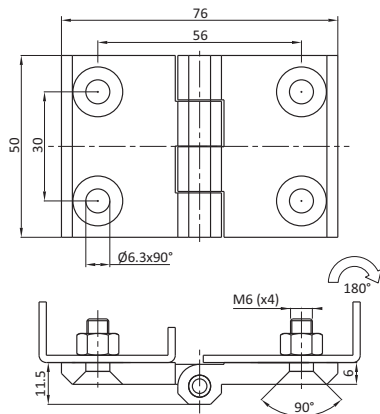
Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel
Specials Non lift off
Left and right



Version	Black Powder Coated	Chrome Plated	SS 316
Countersunk Screw M6	PT095010	PT095010S01	PT0830003
Threaded M6 Studs	PT0813286	PT0813288	

SCREW-ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc / stainless steel
 Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
 Hinge pin: 304 Stainless Steel
Specials Non lift off
 Left and right

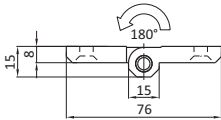
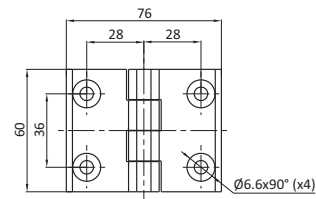


Version	Black Powder Coated	Chrome Plated	SS 316
Countersunk Screw M6	PT095007	PT095007S01	PT0830002
Threaded M6 Studs	PT095007SB	PT095007SBS01	

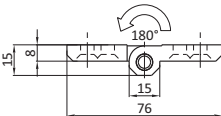
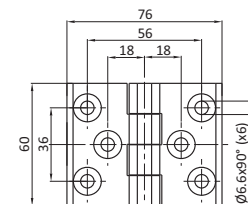
SFH

SCREW ON HINGES

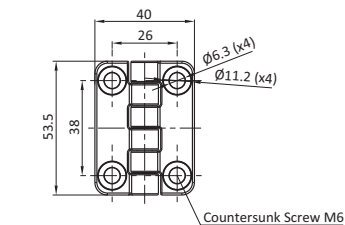
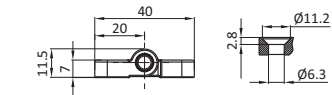
Style A



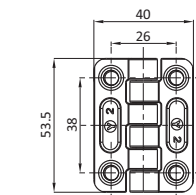
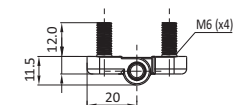
Style B



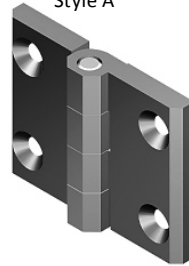
Style C



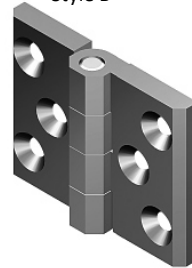
Style D

**Description** To hinge panels**Material** Hinge leaves: Die-cast zinc
Hinge pin: Mild steel**Surface** Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel**Specials** Non lift off

Style A



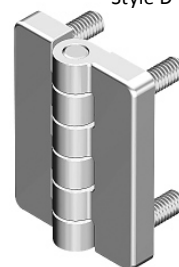
Style B



Style C

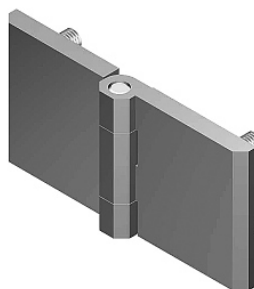
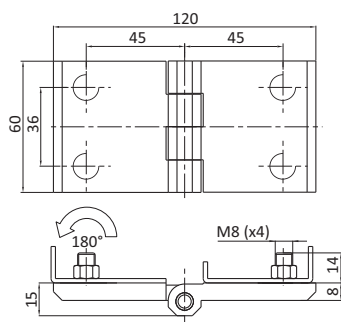
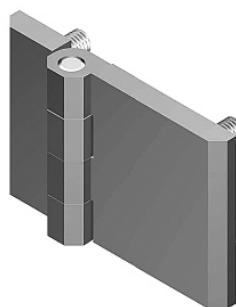
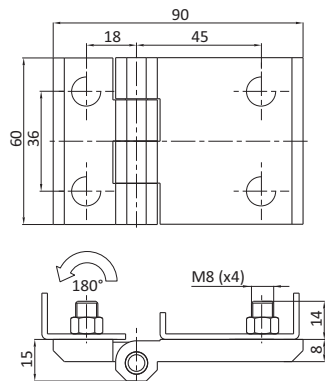


Style D



	Version	Black Powder Coated	Chrome Plated
Style A	4 M6 countersunk screw holes	PT0813303	PT0813307
Style B	6 M6 countersunk screw holes	PT095008	PT095008S01
Style C	4 M6 countersunk screw holes	PT0813305	PT0813309
Style D	4 M6 threaded studs	PT0813306	PT0813310

SCREW-ON HINGE

Description To hinge panels**Material** Hinge leaves: Die-cast zinc
Hinge pin: Mild steel**Surface** Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel**Specials** Non lift off
Left and right

Screw on hinge	Length [mm]	Black Powder Coated	Chrome Plated
	90	PT0813299	PT0813301
	120	PT0813300	PT0813302

SFH

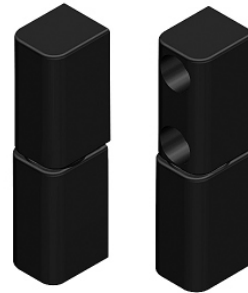
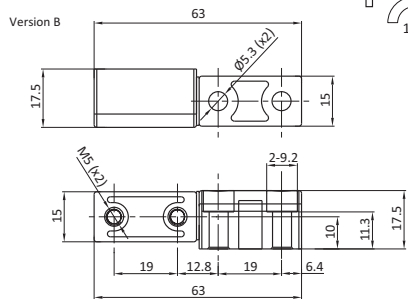
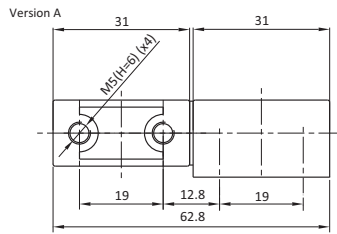
SCREW ON HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel

Specials Lift off
Left and right



Version

Black Powder Coated

Chrome Plated

Version A (Left)

PT0830026

PT0830030

Version B (Right)

PT0830027

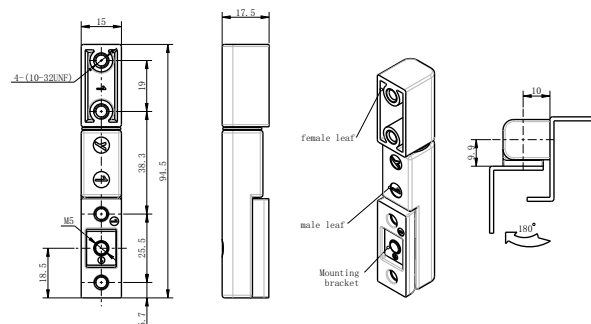
PT0830031

Description To hinge panels

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel

Specials Lift off
Left and right
Adjustable compression

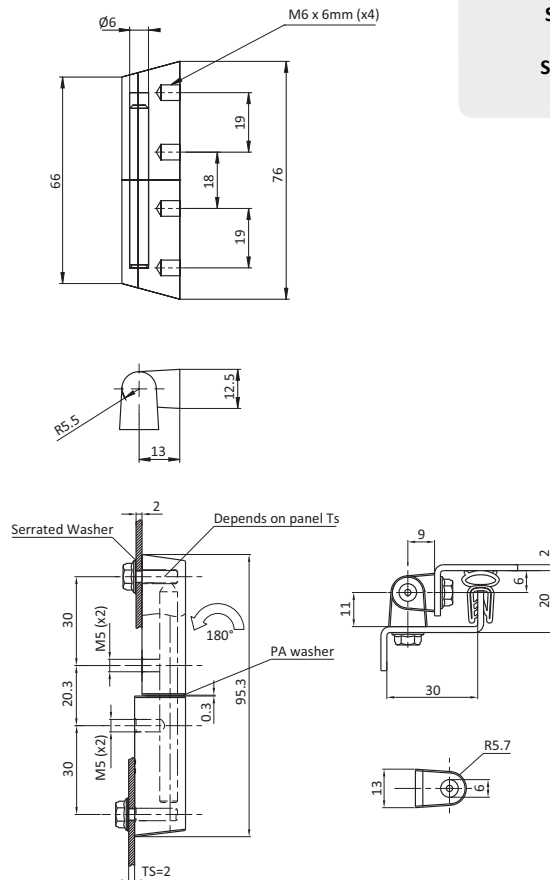


Black Powder Coated

PT0830201

LIFT OFF HINGES

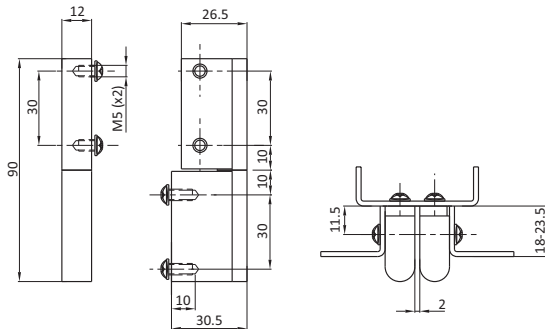
Stainless steel version

**Description** To hinge panels**Material** Hinge leaves: Die-cast zinc, PA 6, 316 SS
Hinge pin: Mild steel, SS**Surface** Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel**Specials** Lift off
Left and right

SFH

Length [mm]	PA 6	Die-cast Zinc Black Powder Coated	Die-cast Zinc Chrome Plated	316 SS
95	PT0830004	PT0830004S01	PT0830123	
76				PT0830004S02

LIFT OFF HINGE

Description To hinge panels**Material** Hinge leaves: Die-cast zinc
Hinge pin: Mild steel**Surface** Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel**Specials** Lift off
Left and right

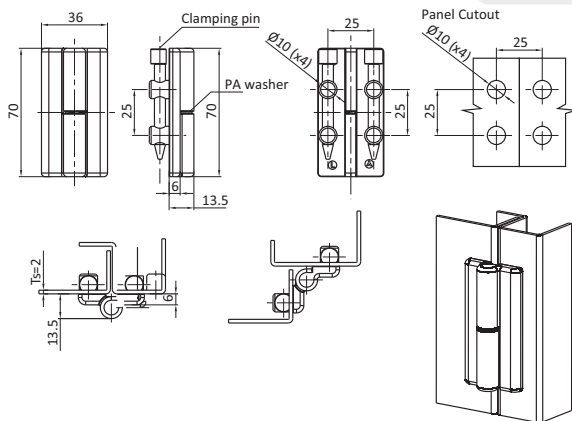
Screw-On Hinge

Black Powder Coated

Chrome Plated

PT0830047

PT0830048

Description To hinge panels**Material** Hinge leaves: Die cast zinc
Pin: SS
Clamping pin: PA**Surface** Black powder coated**Specials** Lift off, Tool-less installation
Left and right

Screw-On Hinge

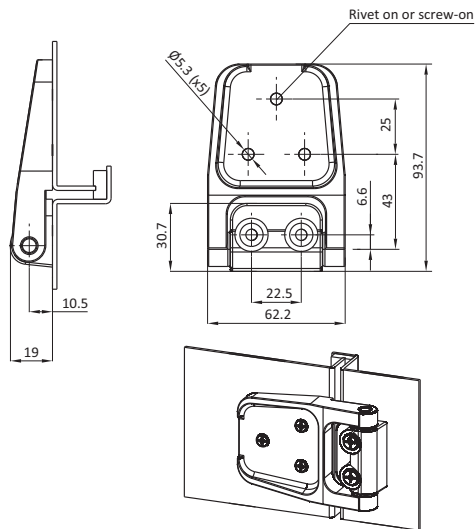
Left

Right

PT0830012S02

PT0830013S02

SCREW-ON HINGE



Description To hinge panels

Material Hinge leaves: Nylon PA, glass fiber reinforced
Hinge pin: Mild steel

Surface Hinge leaves: Black
Hinge pin: 304 Stainless Steel

Specials Non lift off
Left and right



Screw-On Hinge

Part #

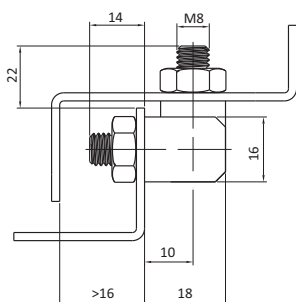
PT0813294

SFH

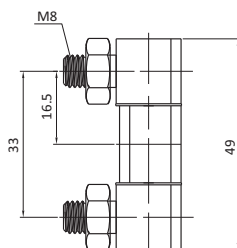
SCREW-ON HINGE

Description To hinge panels
Material Mild steel / stainless steel
Color Zinc plated / plain
Specials Left and right

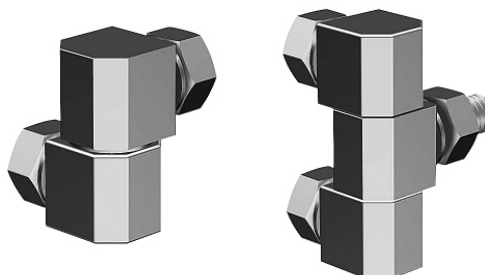
Large Size



Two Joints



Three Joints



Screw on Hinges

Mild Steel

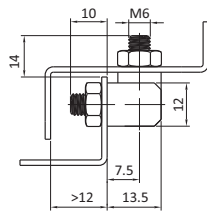
Stainless Steel

Two Joints	PT0830057	PT0830055
Three Joints	PT0830058	PT0830056

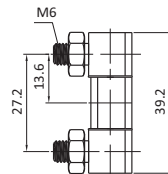
LIFT OFF HINGES

Description To hinge panels
Material Mild steel / stainless steel
Color Zinc plated / plain
Specials Left and right

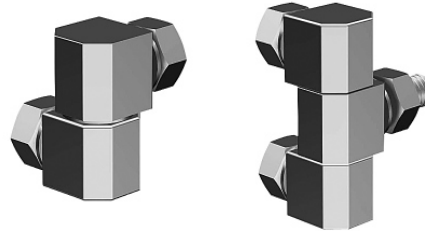
Small Size



Two Joints



Three Joints



Screw on Hinges

Mild Steel

Stainless Steel

Two Joints	PT0830053	PT0830051
Three Joints	PT0830054	PT0830052

SFH

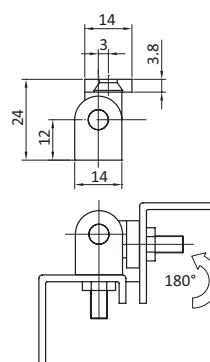
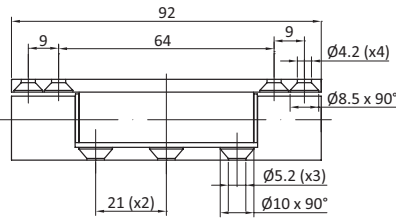
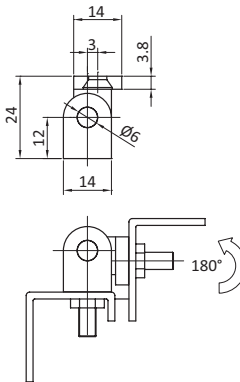
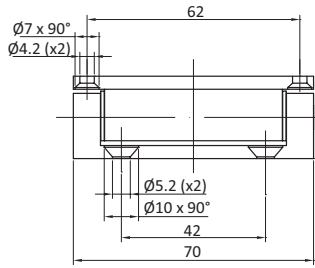
SCREW ON HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: Zinc plated

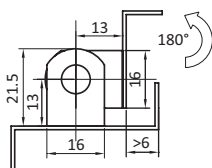
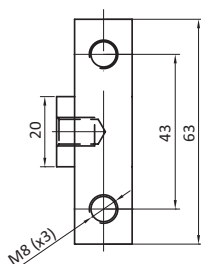
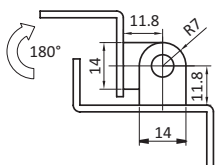
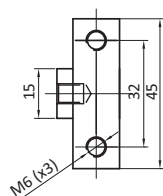
Specials Non lift off



Hinges	Length [mm]	Black Powder Coated	Chrome Plated
	62	PT0830109	PT0830111
	92	PT0830110	PT0830112

SCREW ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
 Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
 Hinge pin: 304 Stainless Steel
Specials Non lift off



SFH

Hinge	Length [mm]	Black Powder Coated	Chrome Plated
	45	PT0830090	PT0830092
	63	PT0830091	PT0890093

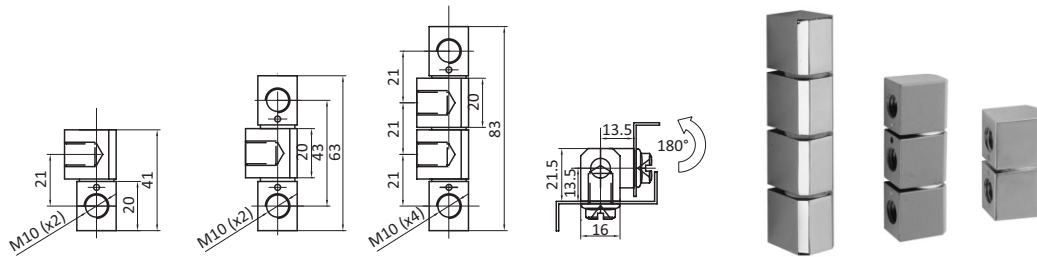
SCREW ON HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel

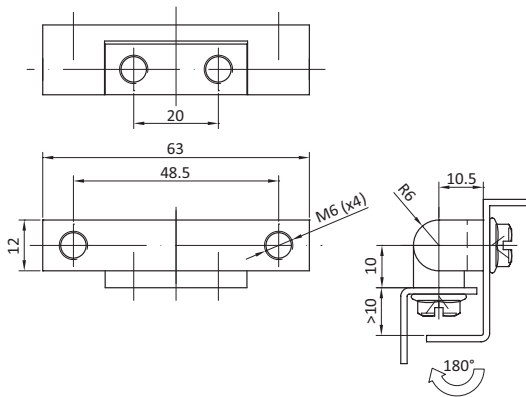
Specials Non lift off



Hinges	Length [mm]	Black Powder Coated	Chrome Plated
	41	PT0830094	PT0830097
	63	PT0830095	PT0830098
	83	PT0830096	PT0830099

SCREW ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: 304 Stainless Steel
Specials Non lift off



Hinges

Black Powder Coated

Chrome Plated

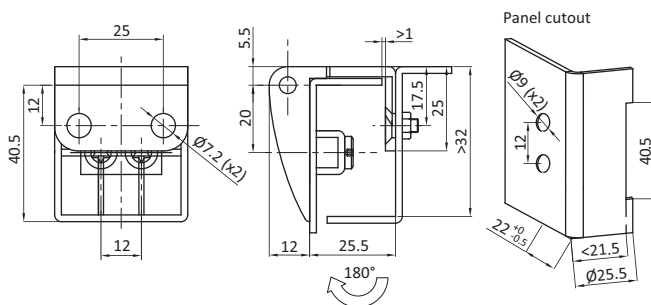
PT0830078

PT0830077

SFH

SEMI-CONCEALED HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin and mounting pin: Mild steel
Surface Hinge leaves: Black powder coated / turquoise powder coated
Hinge pin and mounting pin: Zinc plated



Semi-Concealed Lift off Hinges

Black Powder Coated

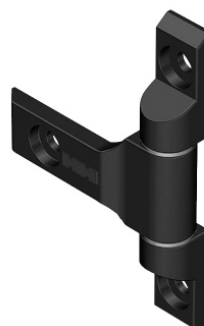
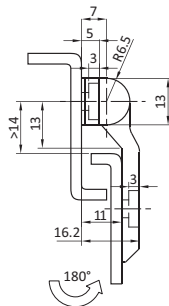
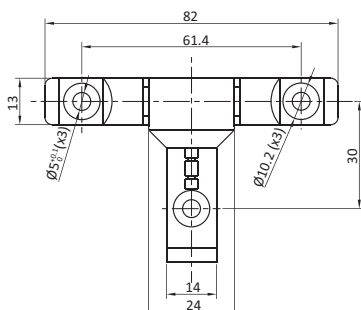
Turquoise Powder Coated

PT0813382

PT0813383

SCREW-ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin and mounting pin: Mild steel
Surface Hinge leaves: Black powder coated

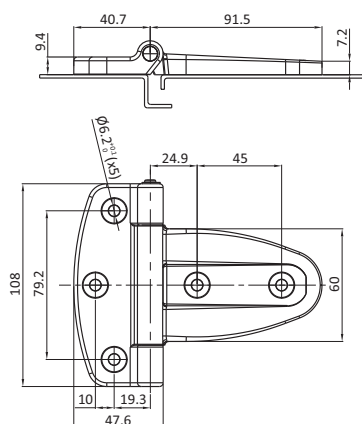


Black Powder Coated

PT0830080

SCREW-ON HINGE

Description To hinge panels
Material Hinge leaves: Die cast zinc
Pin: SS
Surface Hinge leaves: Black
Specials Non lift off
Left and right



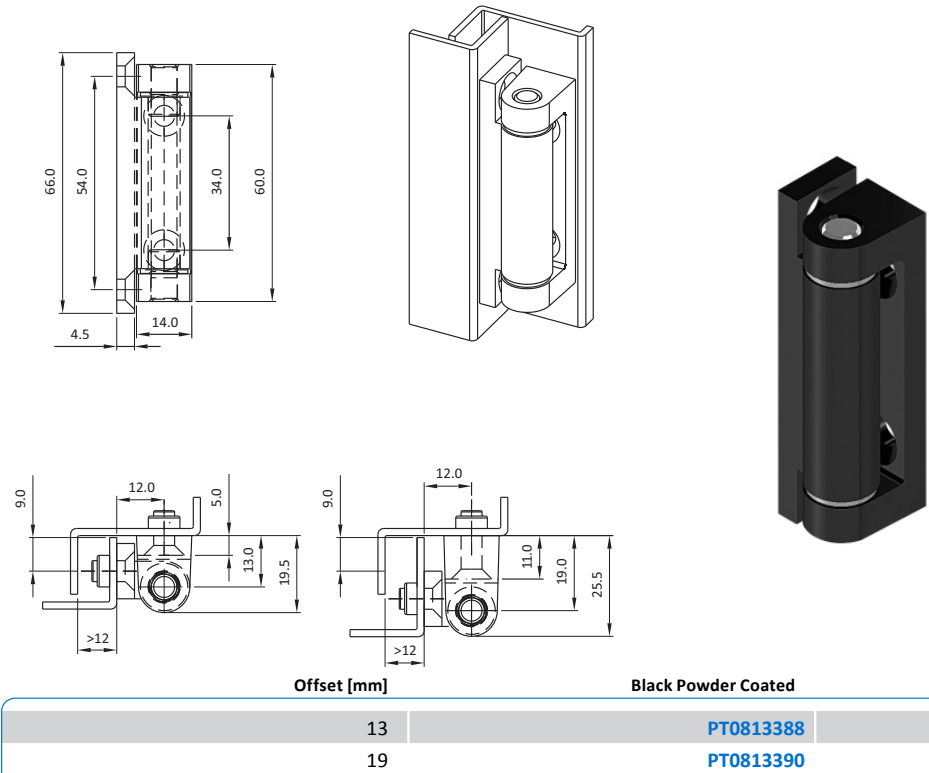
Screw-On Hinge

Part #

PT0813317

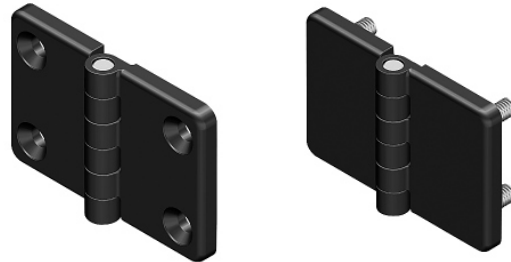
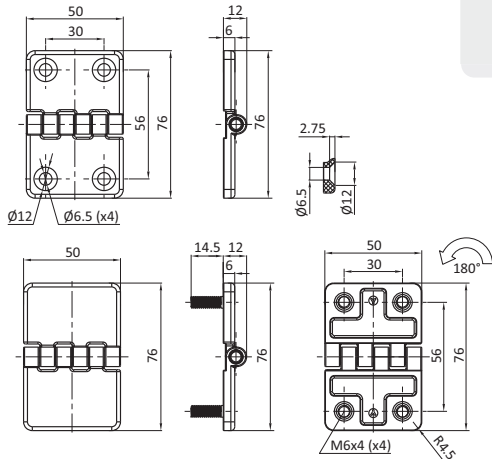
SCREW-ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin and mounting pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin and mounting pin: Zinc plated



SCREW-ON HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
 Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated / chrome plated
 Hinge pin: Zinc plated
Specials Non lift off



Version

Black Powder Coated

Chrome Plated

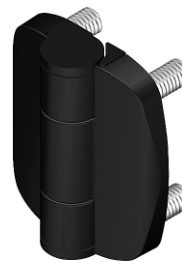
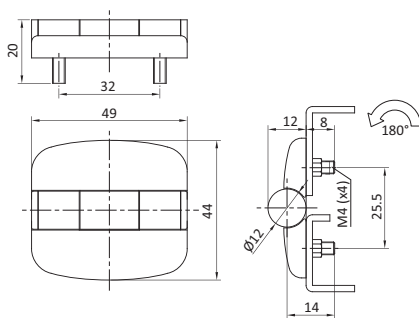
4 M6 countersunk screw holes
 4 M6 threaded studs

[PT0830180](#)
[PT0830119](#)

[PT0830181](#)
[PT0830120](#)

SCREW-ON HINGE

Description To hinge panels
Material Nylon
Color Black
Specials Non lift off
 Left and right



Screw-On Hinge

Free swinging

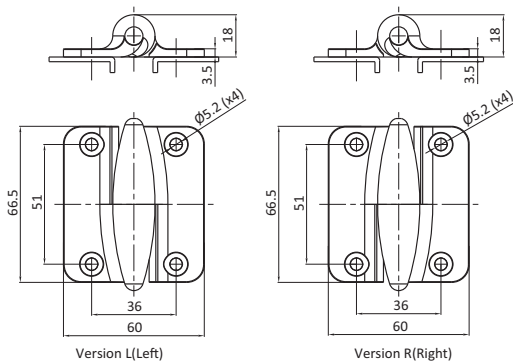
Detented open angle

[PT095074](#)

[PT0813312](#)

SCREW-ON HINGE

Description To hinge panels
Material Hinge leaves: Die cast zinc
Pin: SS
Surface Black powder coated / chrome plated
Specials Lift off
Left and right



Screw-On Hinge

Left

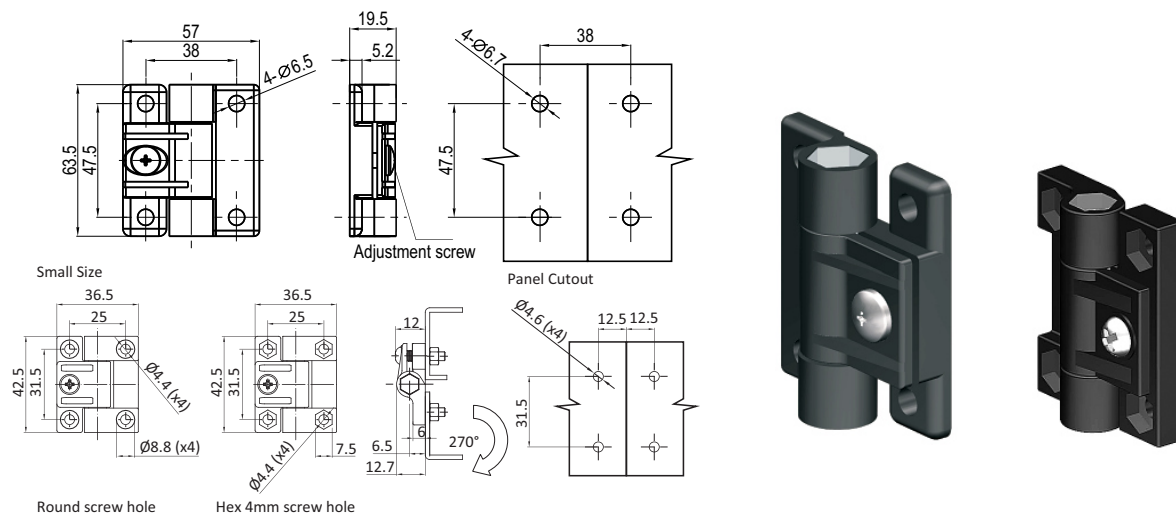
Right

Black powder coat	PT0813313	PT0813314
Chrome plate	PT0813315	PT0813316

FRICION HINGES

Description To hinge panels
Material Hinge leaves: Acetal
Hinge pin: Polycarbonate
Color Hinge leaves: Black and white
Specials Lift off
Left and right

Large Size



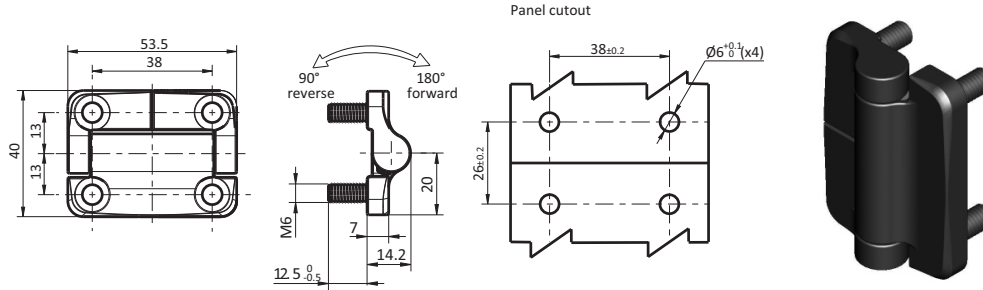
Round screw hole

Hex 4mm screw hole

	Black		White	
	Round screw hole	Hex 4mm screw hole	Round screw hole	Hex 4mm screw hole
Small version	PT0813290	PT0830015	PT0813292	PT0813293
Large version	PT0830184			

FRICTION HINGES

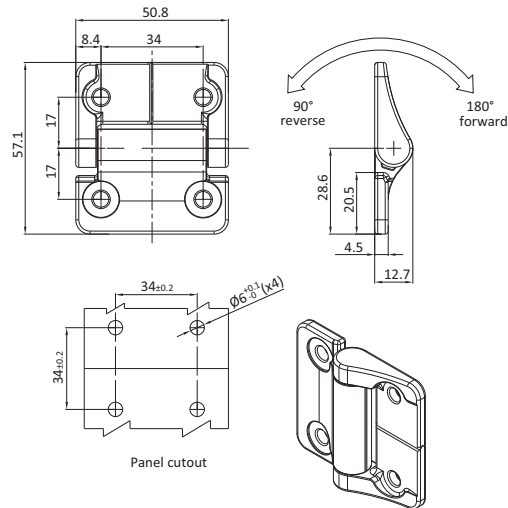
Description To hinge panels
Material Hinge leaves: Die cast Zinc
Surface Black powder coated
Specials Life: Within 20 Percent of stated torque after 25,000 cycles



Metal Hinge with Constant Friction	Torque to open [Nm]	Torque to close [N]	Part #
Symetric Torque	1.2	1.2	PT0850125
	1.8	1.8	PT0850126
	2.3	2.3	PT0850127
	3.4	3.4	PT0850128
	4.5	4.5	PT0850129
Asymetric Torque	2.3	1.4	PT0850130
	3.4	2.0	PT0850131
	4.5	2.7	PT0850132
	1.4	2.3	PT0850133
	2.0	3.4	PT0850134
	2.7	4.5	PT0850135

FRICTION HINGES

Description To hinge panels
Material Hinge leaves: Die cast zinc
Pin: SS
Surface Black powder coated / chrome plated
Specials Non lift off
Left and right



SFH

Screw-on torque hinges	Forward Torque		Reverse Torque	Black powder coat	Natural
Symmetric Torque	Free operating			PT0813324	PT0813325
	1.8			PT0813326	PT0813327
	2.3			PT0813328	PT0813329
	3.4			PT0813281	PT0813282
Asymmetric Torque	2.3	1.4		PT0813330	PT0813331
	3.4	2.0		PT0813332	PT0813333
	4.5	2.7		PT0813334	PT0813335
	1.4	2.3		PT0813336	PT0813337
	2.0	3.4		PT0813338	PT0813339
	2.7	4.5		PT0813340	PT0813341

FRICTION HINGES

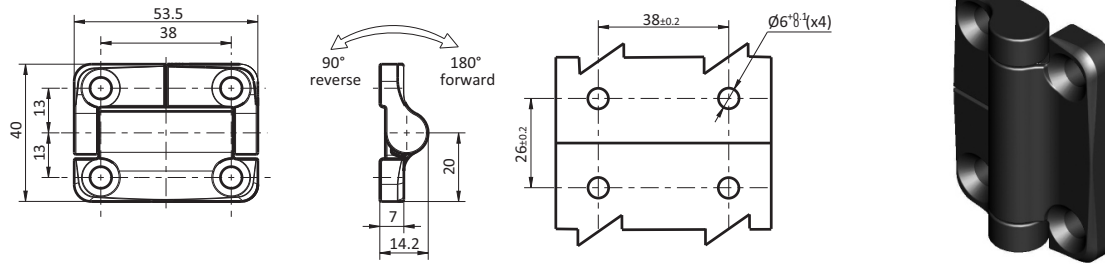
Description To hinge panels

Material Hinge leaves: Die cast Zinc

Surface Black powder coated

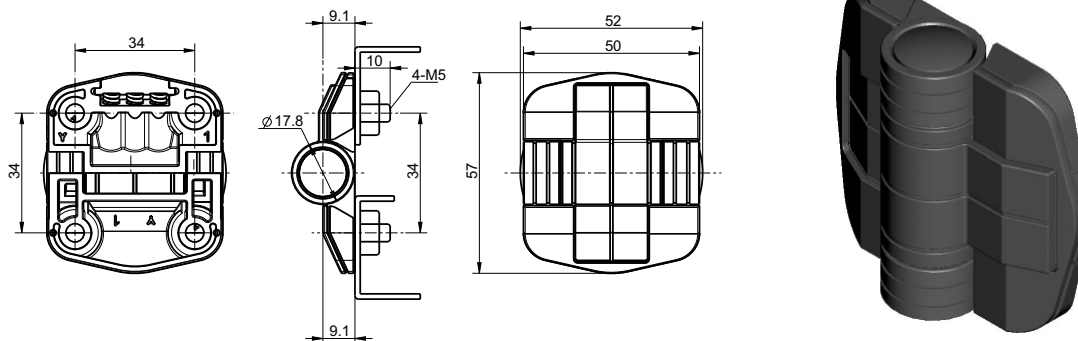
Specials Life: Within 20 Percent of stated torque after 25,000 cycles

Panel cutout



Metal Hinge with Constant Friction	Torque to open [Nm]		Torque to close [N]	Part #
Symetric Torque	1.2	1.2	1.2	PT0850114
	1.8	1.8	1.8	PT0850115
	2.3	2.3	2.3	PT0850116
	3.4	3.4	3.4	PT0850117
	4.5	4.5	4.5	PT0850118
Asymetric Torque	2.3	1.4	1.4	PT0850119
	3.4	2.0	2.0	PT0850120
	4.5	2.7	2.7	PT0850121
	1.4	2.3	2.3	PT0850122
	2.0	3.4	3.4	PT0850123
	2.7	4.5	4.5	PT0850124

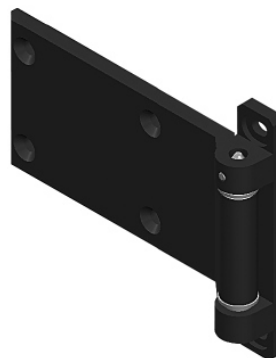
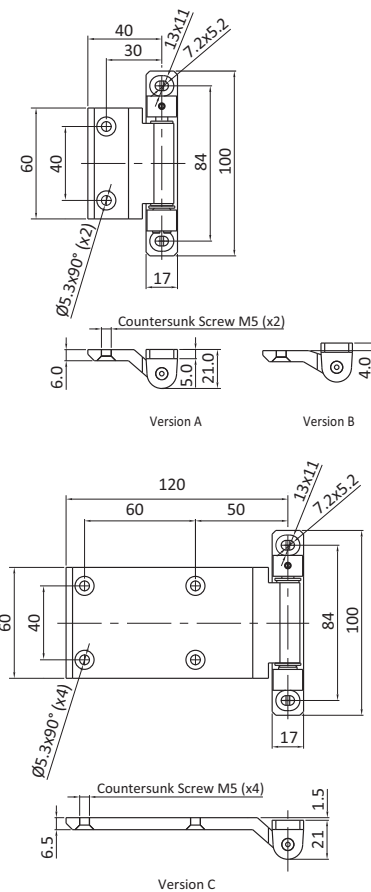
FRICTION HINGES



Detented Open Angle	Torque to open and close [Nm]		Part #
80 Degrees	0.7	0.7	PT0830189
	1.1	1.1	PT0830190
	1.7	1.7	PT0830191
115 Degrees	0.7	0.7	PT0830192
	1.1	1.1	PT0830193
	1.7	1.7	PT0830194
150 Degrees	0.7	0.7	PT0830195
	1.1	1.1	PT0830196
	1.7	1.7	PT0830197
No Detent			PT0830198

SCREW ON HINGE

Description To hinge panels
Material Hinge: Die cast zinc
Pin: Brass
Surface Hinge: Black powder coated
Pin: Nickel plated
Specials Non lift off
Left and right



SFH

Screw-On Hinges

Version A

Version B

Version C

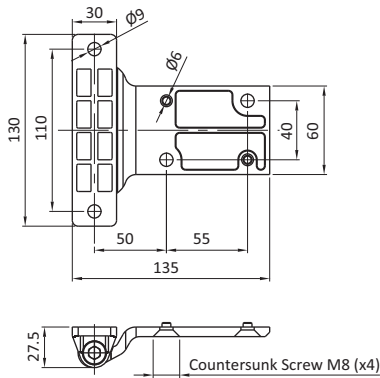
PT0813342

PT0813343

PT0813344

SCREW-ON HINGE

Description To hinge panels
Material Hinge: Die cast zinc
Pin and grub screw: SS
Surface Hinge: Black powder coated
Specials Non lift off
Left and right



Screw-On Hinge

Left

Right

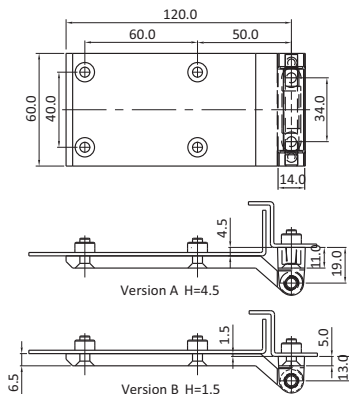
Black powder coat

[PT0813345](#)

[PT0813346](#)

SCREW-ON HINGE

Description To hinge panels
Material Hinge: Die cast zinc
Pin: SS
Washers: PA
Surface Hinge: Black powder coated
Specials Non lift off
Left and right



Screw-On Hinge

Version A

Version B

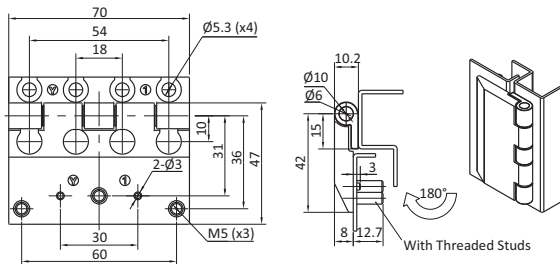
Black powder coat

[PT0813347](#)

[PT0813348](#)

SCREW-ON HINGE

Description To hinge panels
Material Hinge: Die cast zinc
Pin: SS
Surface Black powder coated / Matte silver spray painted
Specials Non lift off
Left and right



Screw-On Hinge

Black Powder Coated

MN Spray Painted (Matte silver)

with M5 threaded stud

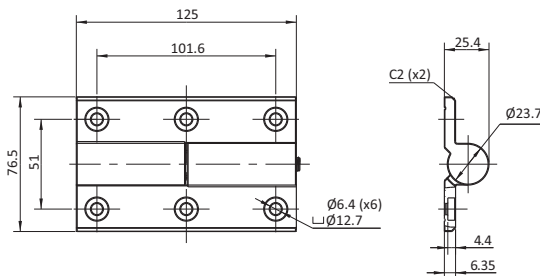
PT0813349

PT0813350

SFH

SCREW-ON HINGE

Description To hinge panels
Material Hinge: Die cast zinc
Pin: SS
Surface Black powder coated / RAL7005 powder coated
Specials Non lift off
Left and right



Screw-On Hinge

Black Powder Coated

MN Spray Painted (Matte silver)

left

PT095401LS01

PT095401L

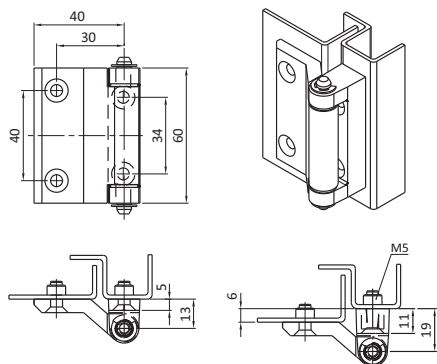
right

PT095401RS01

PT095401R

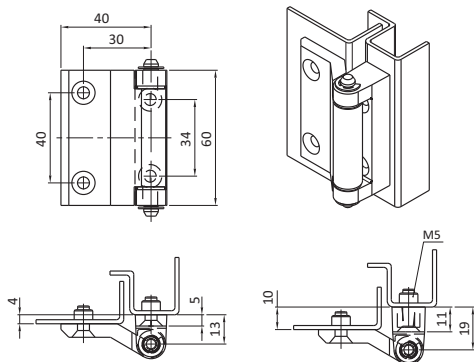
SCREW-ON HINGES

Description To hinge panels
Material Hinge: Die-cast zinc
Pin: Mild steel
Surface Black powder coated / chrome plated
Specials Non lift off
Left and right



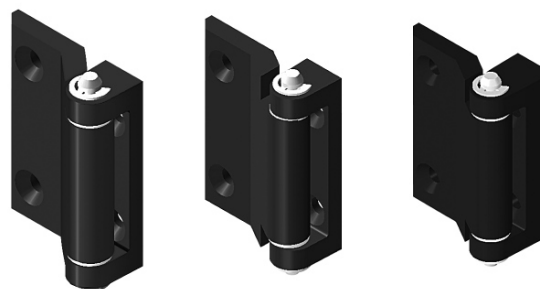
Standard

Height: 6mm higher



Height: 4mm higher

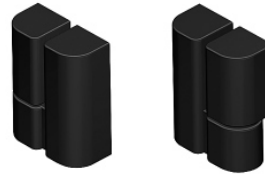
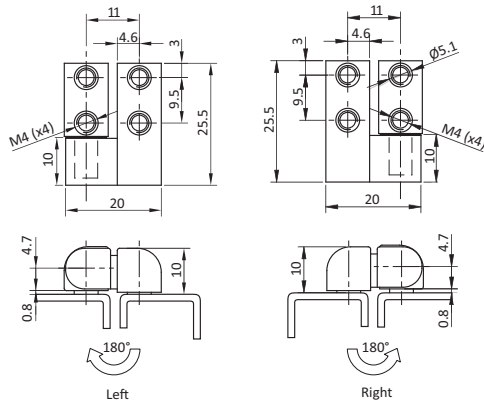
Height: 10mm higher



Version	Black Powder Coated	Chrome Plated	SS 316
U4.5 Level	PT0813352	PT0813354	PT0813356
U27.28 6mm higher	PT0813353	PT0813355	
U7.10 4mm higher	PT0813357	PT0813359	
U19.20 10mm higher	PT0813358	PT0813360	

SCREW-ON HINGES

Description To hinge panels
Material Hinge: Die cast zinc
Surface Black powder coated
Specials Lift off
Left and right



Screw-On Hinge

Left

Right

M4 Screw Hole
#6-32 Screw Hole

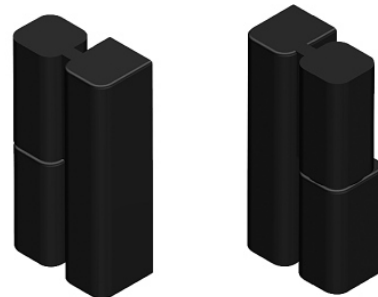
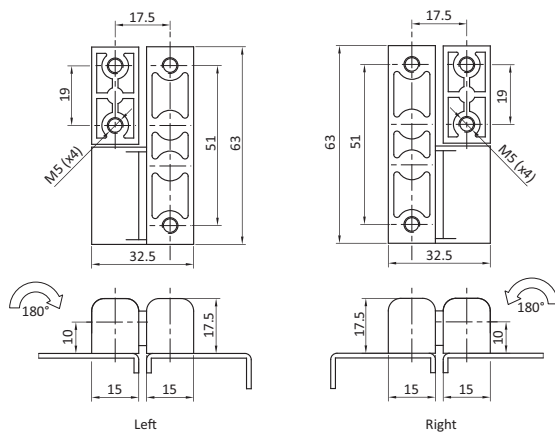
[PT0830016](#)
[PT0813361](#)

[PT0830017](#)
[PT0813362](#)

SFH

SCREW-ON HINGES

Description To hinge panels
Material Hinge: Die cast zinc
Surface Black powder coated / chrome plated
Specials Lift off
Left and right



Screw-On Hinge

Left Hand

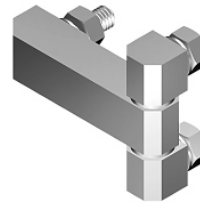
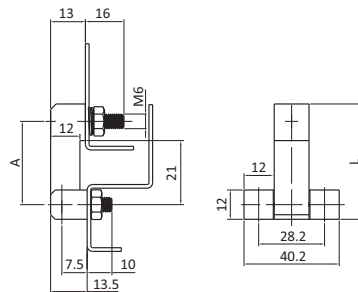
Right Hand

Black Powder coated	PT0830018	PT0830019
Black Powder Coated with #10-32 Mtg Thd	PT0830020	PT0830021
Chrome plated	PT0830022	PT0830023

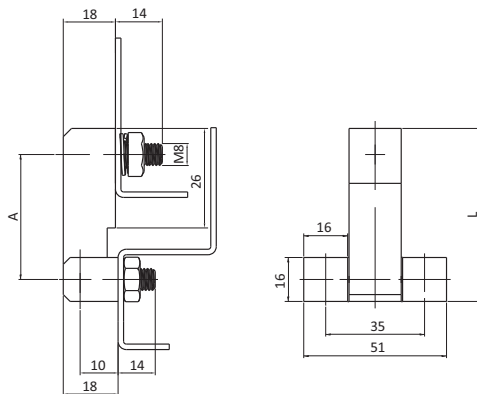
SCREW-ON HINGES

Description To hinge panels
Material 304 SS / Mild steel
Surface Zinc plated
Specials Non lift off
Left and right

Small Size



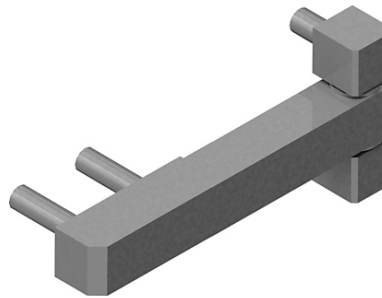
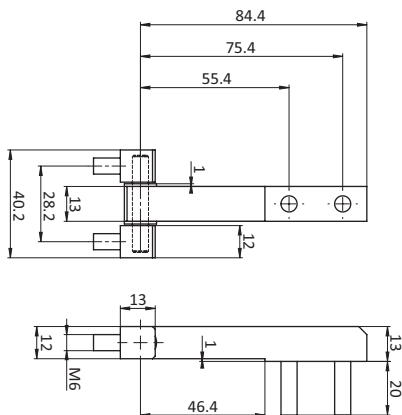
Large Size



	A [mm]	L [mm]	Stainless steel	Steel
Small size	30	45	PT0813363	PT0813364
	38	53	PT0813365	PT0813366
Large size	29	50	PT0813367	PT0813368
	40	61	PT0813369	PT0813370

SCREW-ON HINGE

Description To hinge panels
Material 304 SS
Specials Non lift off
 Left and right



Screw-On Hinge

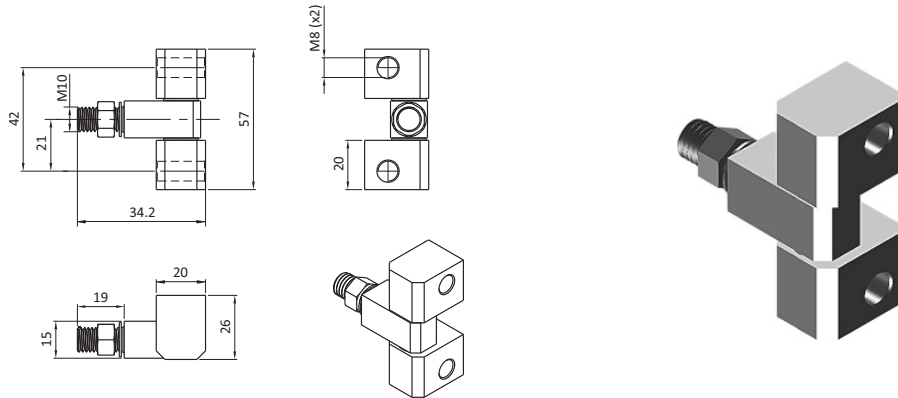
Part #

PT0830049S01

SFH

SCREW-ON HINGE

Description To hinge panels
Material 304 SS / Mild steel
Surface Zinc plated
Specials Non lift off
Left and right



Screw-On Hinge

Stainless steel

Steel

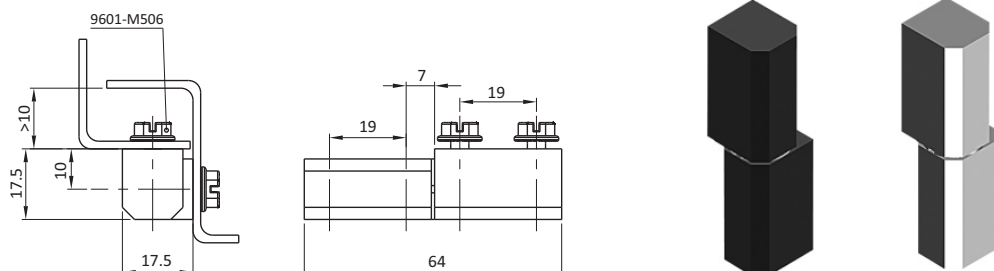
Three joints

[PT0813371](#)

[PT0813372](#)

SCREW-ON HINGE

Description To hinge panels
Material Die-cast zinc / 316 SS
Pin: Mild steel
Surface Black powder coated / chrome plated
Specials Non lift off
Left and right



Black Powder Coated

Chrome Plated

SS 316

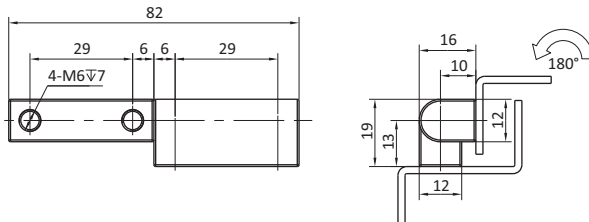
[PT0813373](#)

[PT0813374](#)

[PT0813375](#)

SCREW-ON HINGE

Description To hinge panels
Material 304 SS
Specials Non lift off
Left and right



Screw-On Hinge

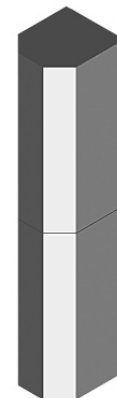
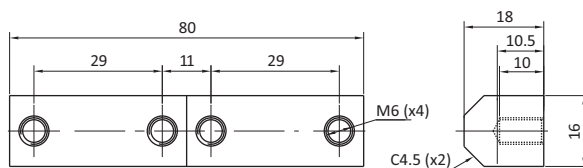
Part #

PT0813376

SFH

SCREW-ON HINGE

Description To hinge panels
Material 304 SS
Specials Non lift off
Left and right



Screw-On Hinge

Part #

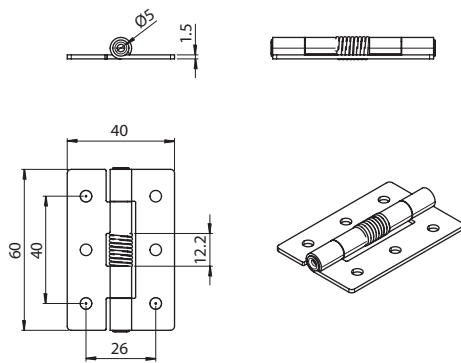
PT0813377

SCREW-ON HINGE

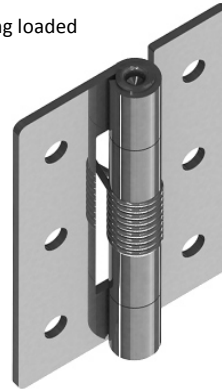
Description To hinge panels

Material 304 SS

Specials Non lift off
 Left and right



Spring loaded



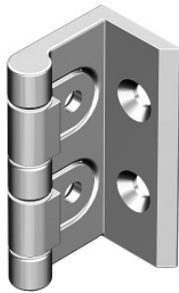
Screw-On Hinge

Part #

PT095072S02

INDUSTRIAL HARDWARE

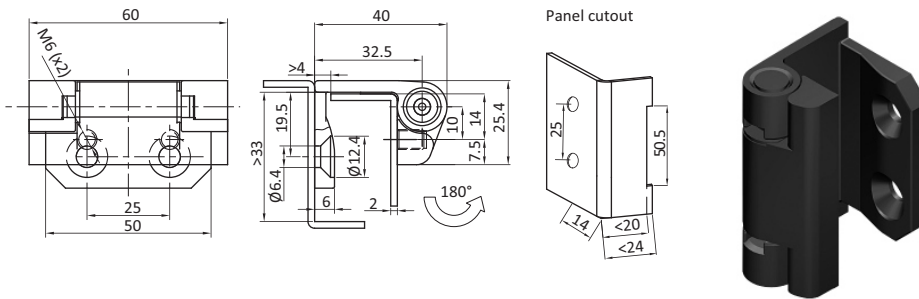
CHAPTER 7: SEMI-CONCEALED HINGES



SEMI-CONCEALED METAL HINGES	172-173
SEMI-CONCEALED LIFT OFF HINGES	174
SEMI-CONCEALED METAL HINGES	175-176
SEMI-CONCEALED LIFT OFF HINGES	177

SEMI-CONCEALED METAL HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
 Hinge pin: PA
Surface Hinge leaves: Black powder coated



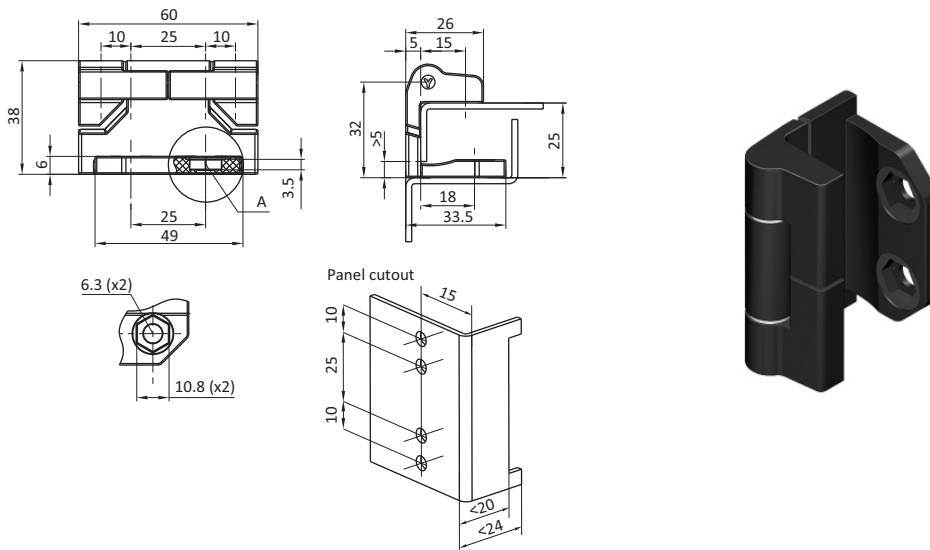
Semi-Concealed Metal Hinges

Part #

PT0830075

SEMI-CONCEALED METAL HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
 Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated
 Hinge pin: Zinc plated



Semi-Concealed Metal Hinges

Part #

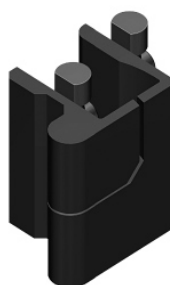
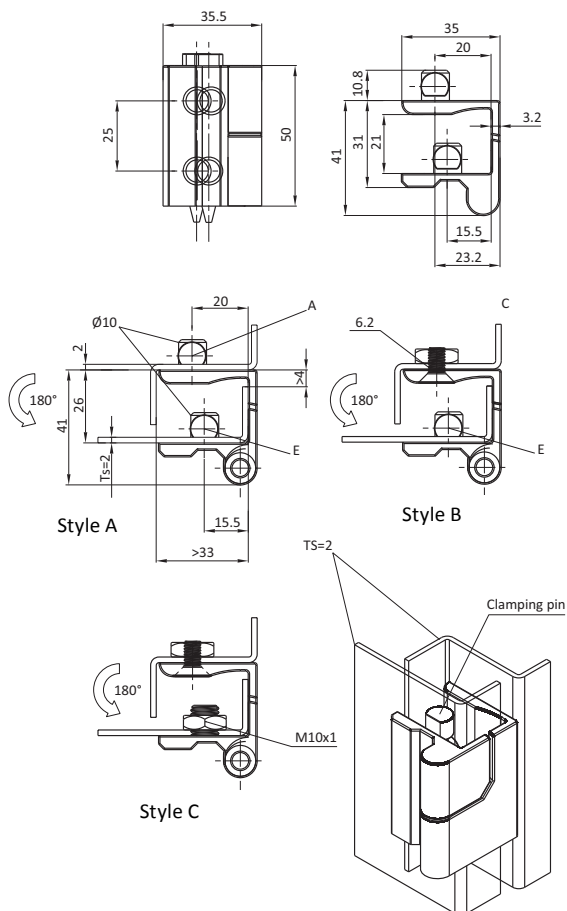
PT0830071

SEMI-CONCEALED METAL HINGES

Description To hinge panels

Material Hinge leaves: Die-cast zinc
 Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated
 Hinge pin: Zinc plated



Style A



Style B



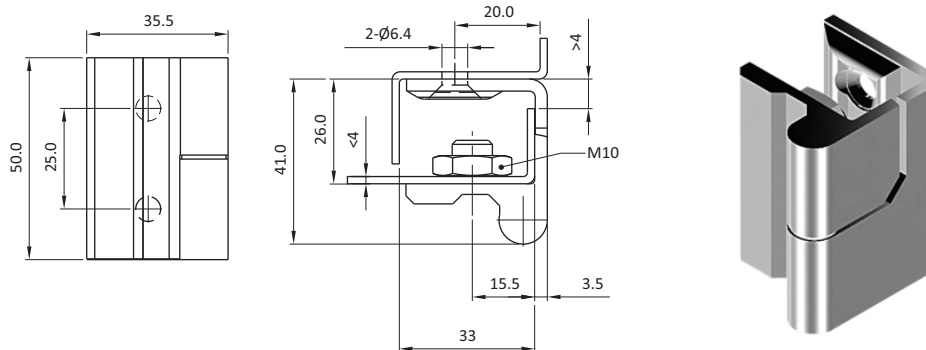
Style C



Style	Left	Right
A	PT0830169S01	PT0830069S01
B	PT0813378	PT0813379
C	PT0813380	PT0813381

SEMI-CONCEALED LIFT OFF HINGES

Description To hinge panels and for easy panel removal
Material 316 SS



Semi-Concealed Lift off Hinges

Left

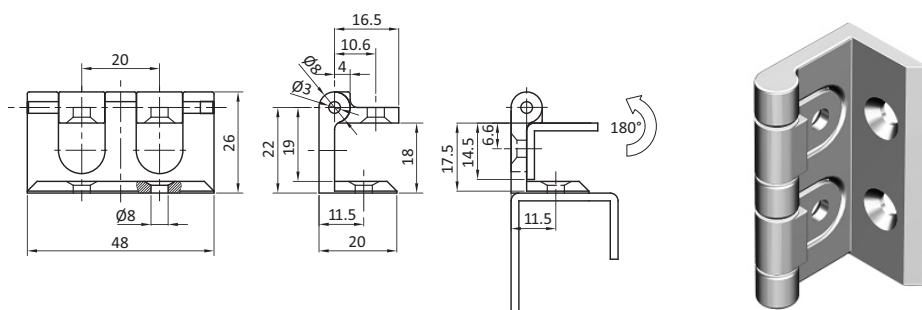
Right

PT0813386

PT0813387

SEMI-CONCEALED METAL HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Zinc plated
Hinge pin: Zinc plated



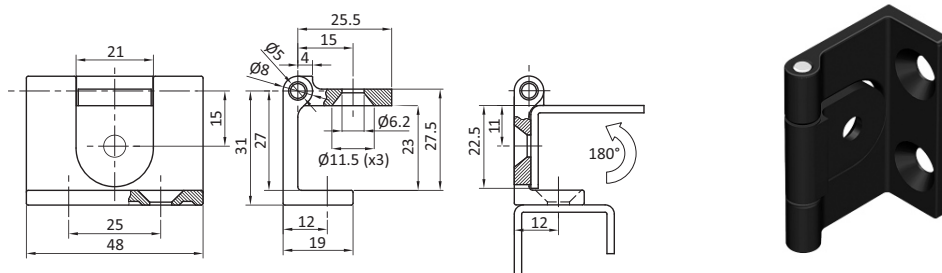
Semi-Concealed Metal Hinges

Part #

PT0830074

SEMI-CONCEALED METAL HINGES

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Black Zinc plated
Hinge pin: Zinc plated



Semi-Concealed Metal Hinges

Part #

PT0830076

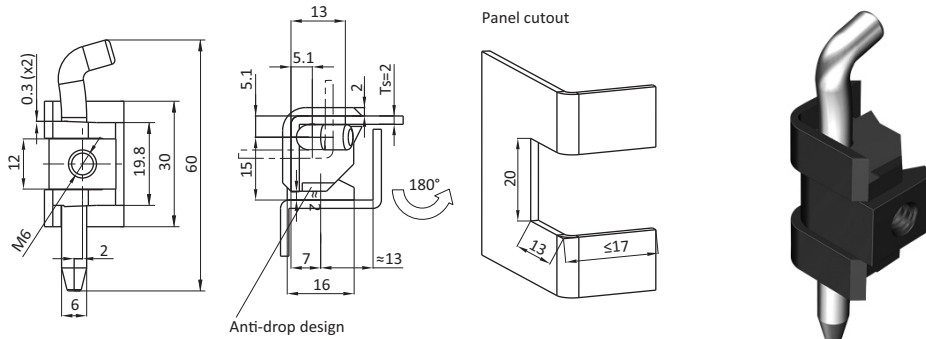
SCH

SEMI-CONCEALED METAL HINGES

Description To hinge panels and for easy panel removal

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: Zinc plated



Panel thickness
Ts [mm]

Black Powder Coated

Chrome Plated

1,5

PT0830059

PT0830061

2

PT0830060

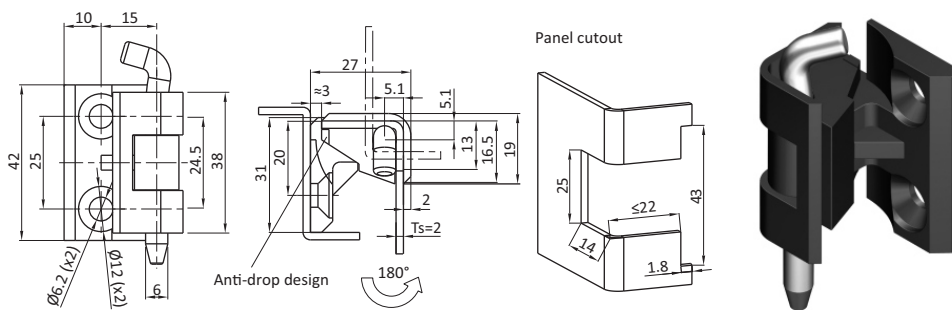
PT0830062

SEMI-CONCEALED METAL HINGES

Description To hinge panels and for easy panel removal

Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel

Surface Hinge leaves: Black powder coated / chrome plated
Hinge pin: Zinc plated



Panel thickness
Ts [mm]

Black Powder Coated

Chrome Plated

1,5

PT0830063

PT0830065

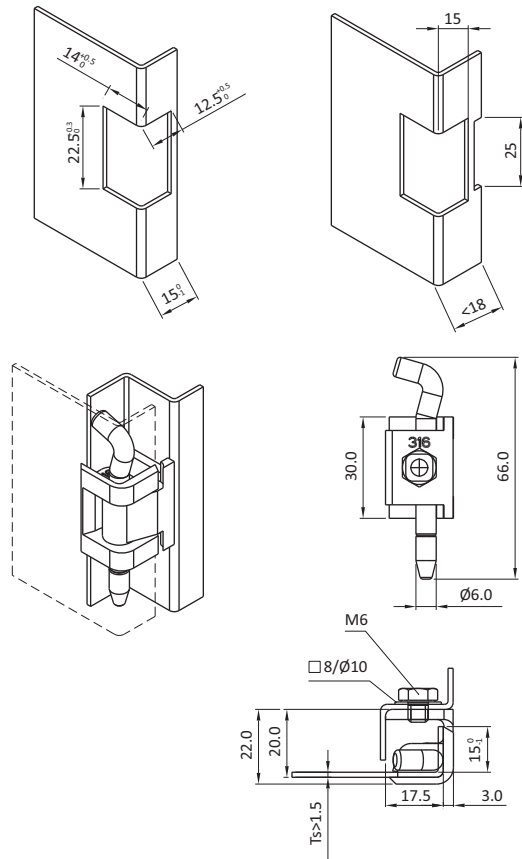
2

PT0830064

PT0830066

SEMI-CONCEALED LIFT OFF HINGES

Description To hinge panels and for easy panel removal
Material 316 SS



SCH

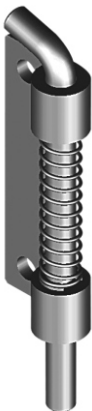
Panel thickness
 Ts [mm]

316 SS

1,5	PT0813384
2	PT0813385

INDUSTRIAL HARDWARE

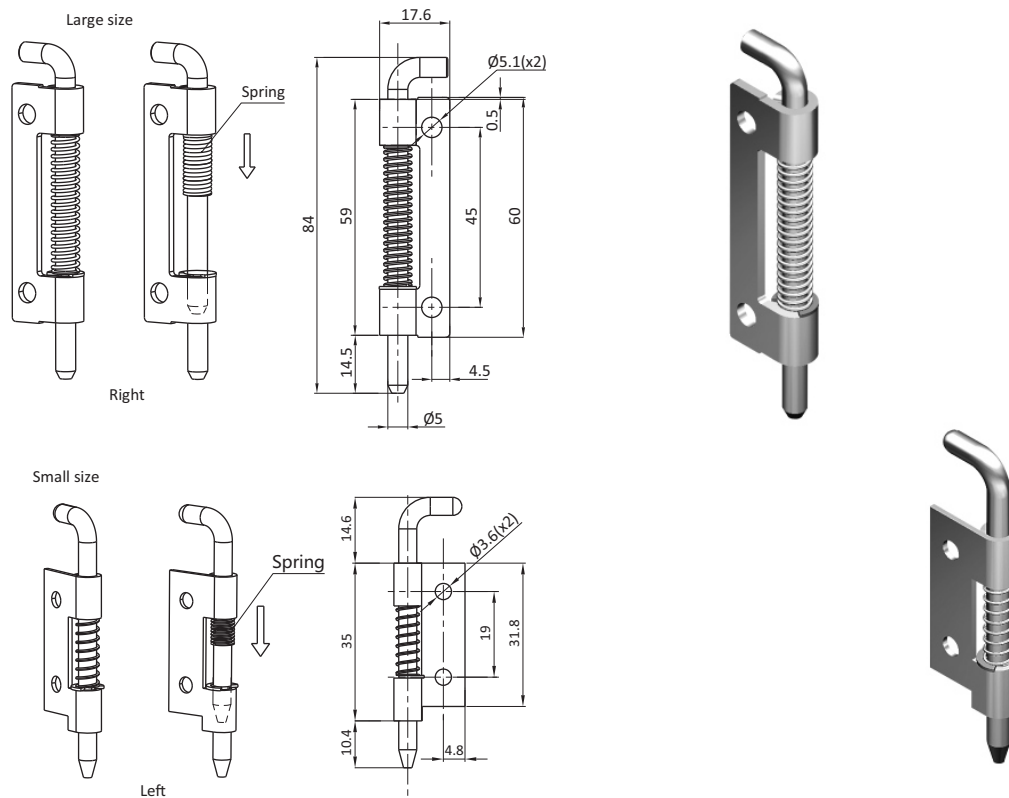
CHAPTER 8: CONCEALED HINGES



SPRING LOADED CONCEALED HINGES	180-181
CONCEALED HINGES	182-188
WELD ON HINGES	189
CONCEALED HINGE	189

SPRING LOADED CONCEALED HINGES

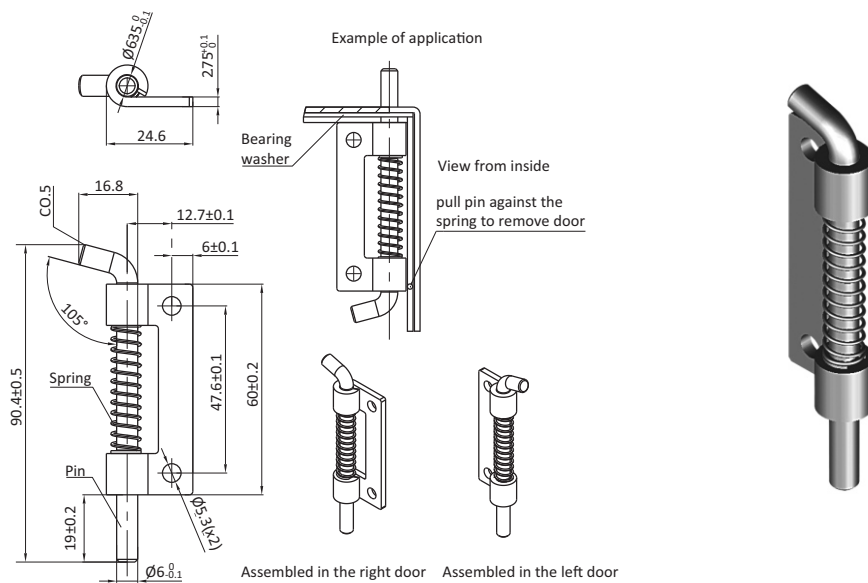
Description To hinge panels
Material Mild steel
Surface Zinc plated
Specials Lift off
Right and left
Stainless Steel on request



Spring Loaded Concealed Hinges		Size	Left	Right
Screw on version	Large Size		PT0840013	PT0813392
	Small Size		PT0840014	PT0813394
Weld on version	Large Size		PT0840015	PT0813393
	Small Size		PT0840016	PT0813395

SPRING LOADED CONCEALED HINGES

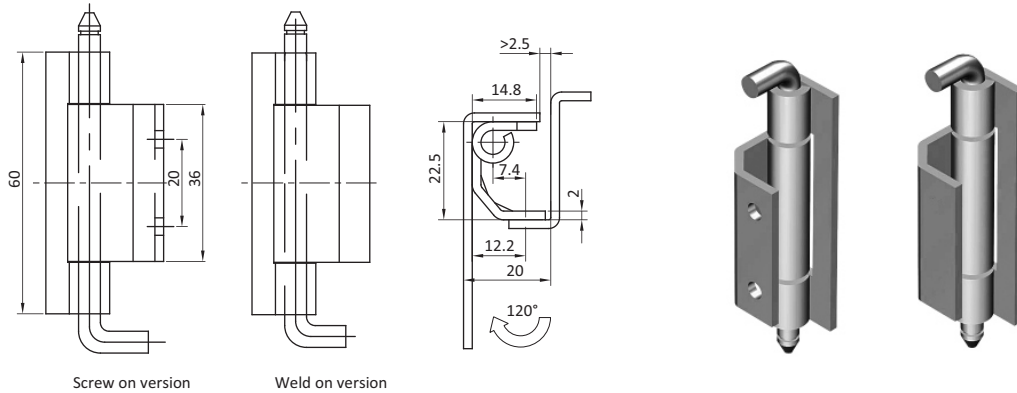
Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Spring loaded concealed hinges	Screw On	304 SS	Mild steel
	left	PT0813406	PT0840053
	right	PT0813407	PT0840054

CONCEALED HINGES

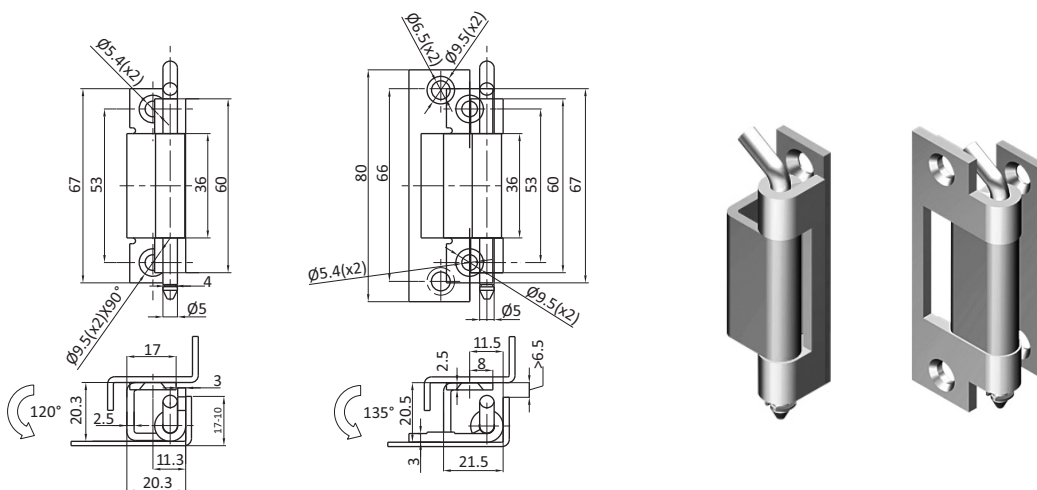
Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges	304 SS	Mild steel
Screw on	PT0840038	PT0840040
Weld on	PT0840039	PT0840041

CONCEALED HINGES

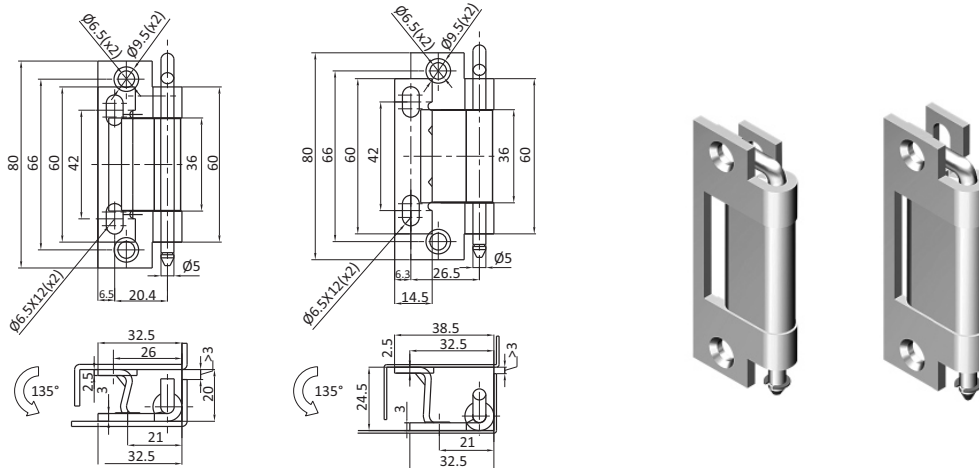
Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges	304 SS	Mild steel
20.3	PT0840023	PT0840025
21.5	PT0840024	PT0840026

CONCEALED HINGES

Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges

304 SS

Mild steel

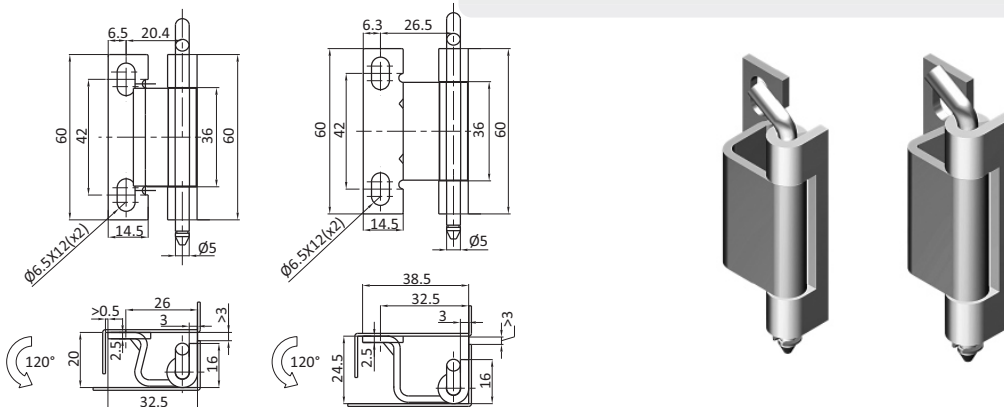
Dim 20.0
Dim 24.5

PT0840027
PT0840028

PT0840029
PT0840030

CONCEALED HINGES

Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off
Weld on version



Concealed Hinges

304 SS

Mild steel

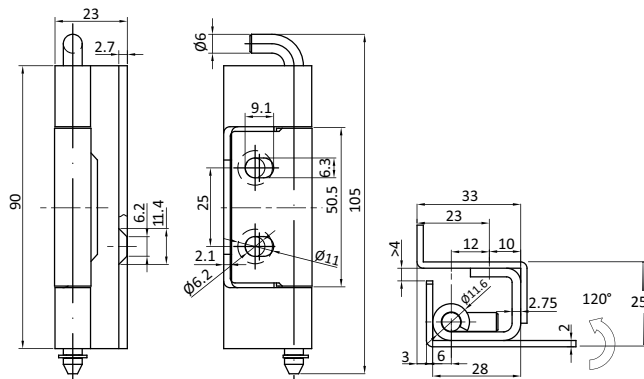
Dim 20.0
Dim 24.5

PT0840019
PT0840020

PT0840021
PT0840022

CONCEALED HINGES

Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges

304 SS

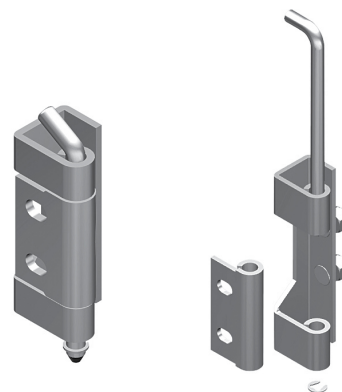
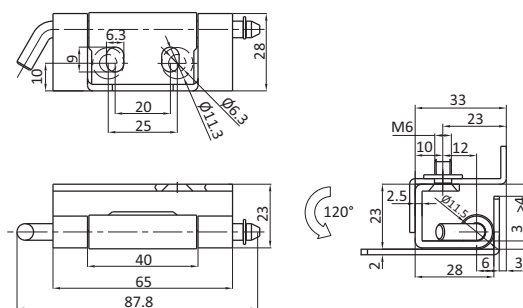
Mild steel

PT0840031

PT0840032

CONCEALED HINGES

Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges

304 SS

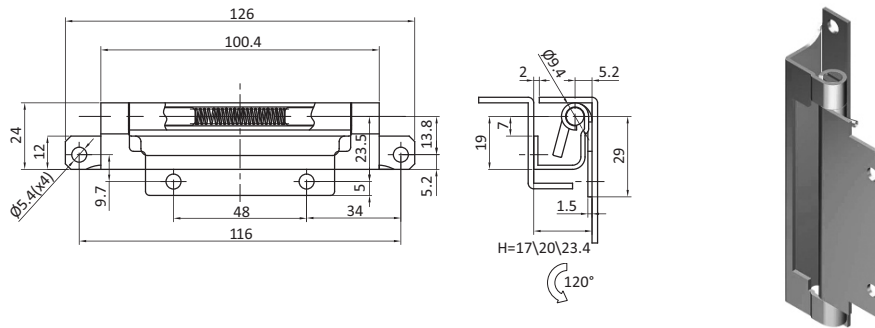
Mild steel

PT0813396

PT0813397

CONCEALED HINGES

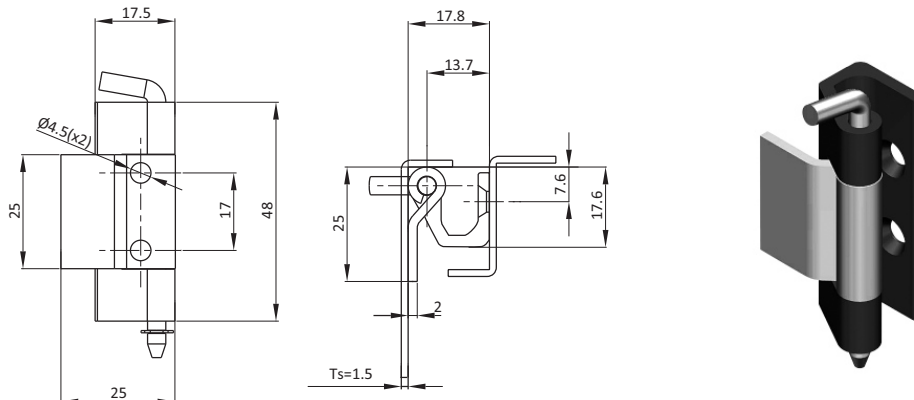
Description To hinge panels
Material Mild steel / Stainless steel 304
Surface Zinc plated
Specials Right and left
Lift off



Concealed Hinges	304 SS	Mild steel
17	PT0840033	PT0840035
20	PT0840003	PT0840036
23.4	PT0840034	PT0840037

CONCEALED HINGE

Description To hinge panels
Material Hinge leaves: Die-cast zinc
Hinge pin: Mild steel
Surface Hinge leaves: Black powder coated
Hinge pin: Zinc plated
Specials Right and left



Concealed Hinge	Part #
	PT0840011

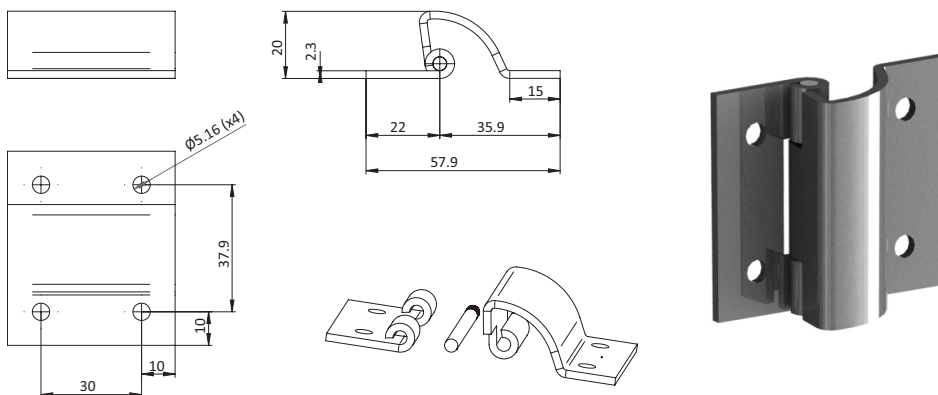
CONCEALED HINGES

Description To hinge panels

Material Mild steel

Surface Zinc plated

Specials Right and left
Lift off



Concealed Hinge

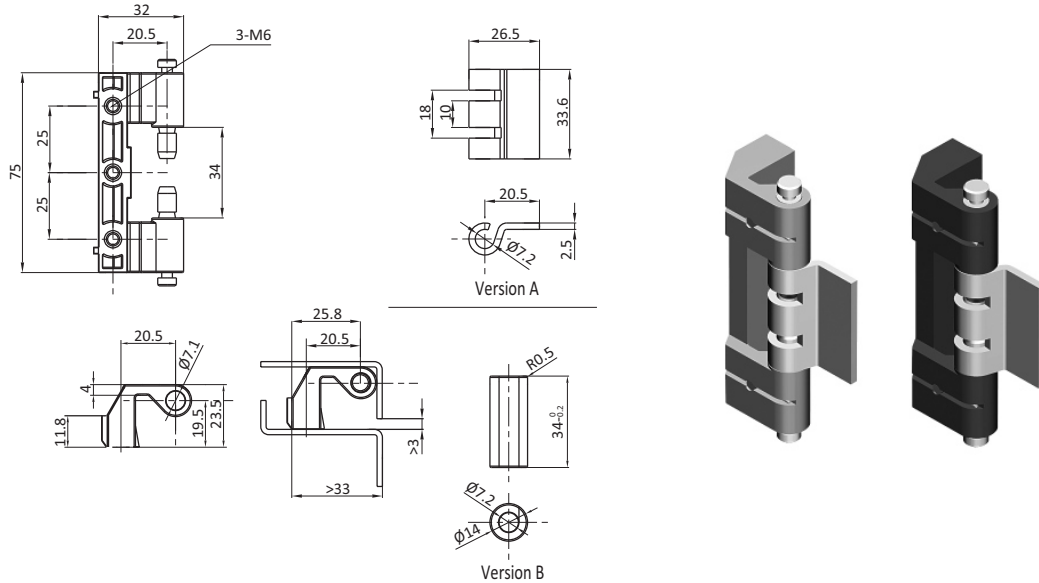
Part #

PT0840056

COH

CONCEALED HINGES

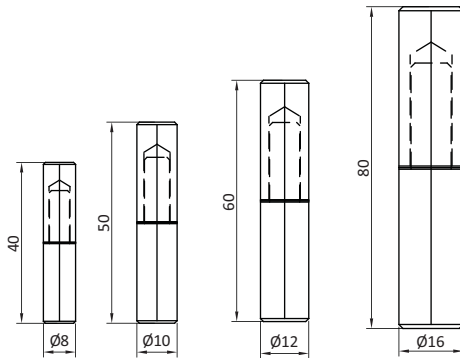
Description To hinge panels
Material Die cast zinc
Surface Black powder coated / Sand blasted
Specials Right and left
Lift off



Concealed Hinges		Black powder coat	Sand blasted
Version A		PT0813400	PT0813401
Version B		PT0813402	PT0813403

WELD ON HINGES

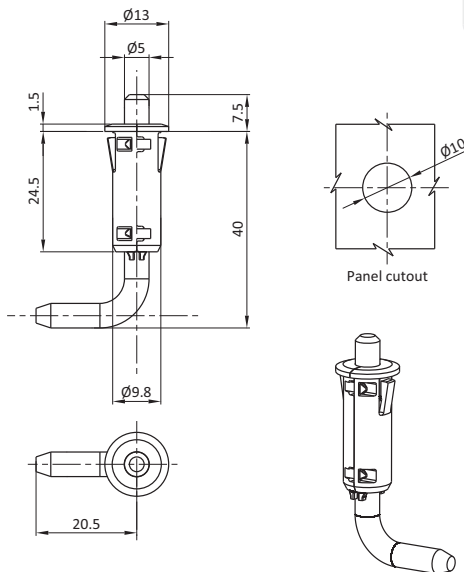
Description To hinge panels
Material Mild steel / 304 SS
Surface Zinc plated
Specials Right and left
Lift off



Weld On Hinges	304 SS	Mild steel
40	PT0840042	PT0840043
50	PT0840044	PT0840045
60.0	PT0840046	PT0840047
80.0	PT0840048	PT0840049

CONCEALED HINGE

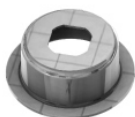
Description To hinge panels
Material Hinge housing: Nylon PA, glass fiber reinforced
Hinge pin: Mild steel
Surface Hinge pin: Zinc plated



Concealed Hinge	Part #
	PT0813399

COH

INDUSTRIAL HARDWARE CHAPTER 9: ACCESSORIES



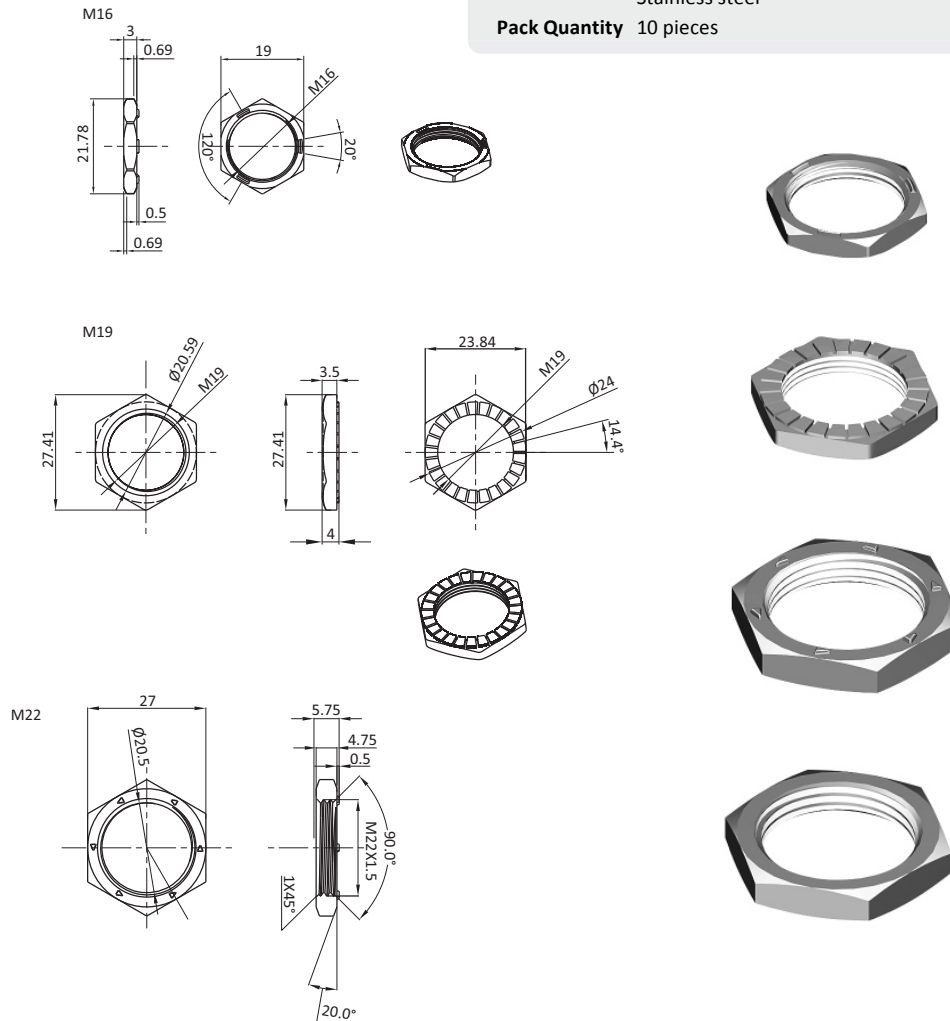
LOCK NUTS	192
FINGER PULL / COVER	193
SCREW / EYE BOLT	194
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UNIVERSAL CABLE BINDING BLOCK	211
SAFETY STRAP	212
BALL CATCH	213
ANTI-LOSS WASHER	214

LOCK NUTS

Description To attach 1/4 turn locks

Material Die cast zinc
Brass
Stainless steel

Pack Quantity 10 pieces



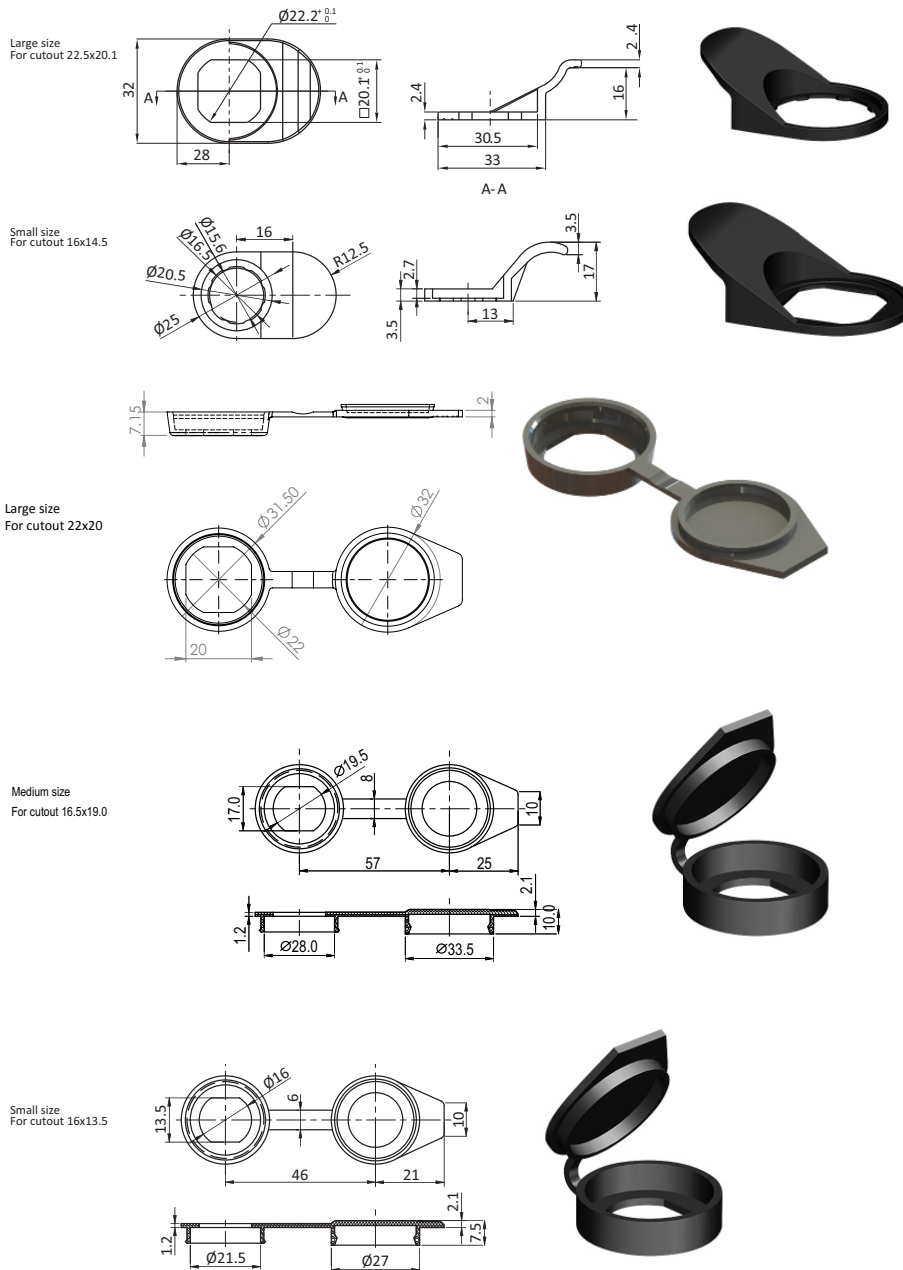
Lock Nuts	Version	Die-cast Zinc	Solid Brass	Stainless Steel
M16			PT0813412	
M19		PT0813408	PT0813413	
M22 x 1.5	Grounding teeth	PT0890058		
	No ground	PT0813410		PT0890059
	Serrated ground	PT0813411		

FINGER PULL / COVER

Description Accessory for 1/4 turn locks

Material PA

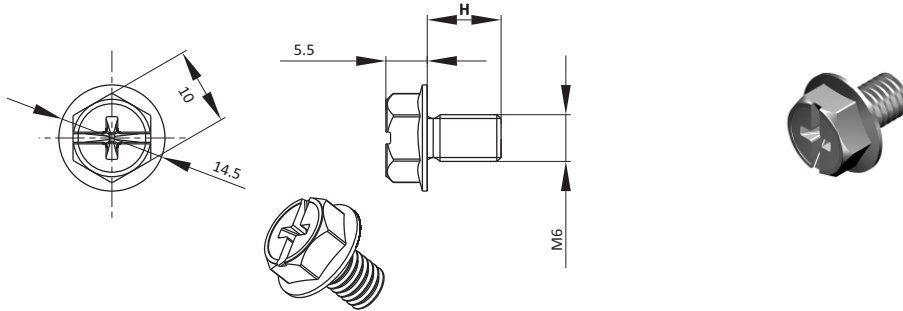
Color Black



	Large size	Medium size	Small size
Finger Pull	PT0890034		PT0890035
Cover	PT0890036	PT0890037S01	PT0890037

SCREW / EYE BOLT

Description Hardware
Material Mild steel
Surface Zinc plated

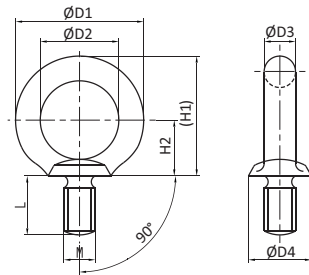


Screw

Size

Small size

	M5 x 6	PT0813415
	M5 x 8	PT0813417
	M5 x 10	PT0813419
	M5 x 12	PT0813421
	M5 x 16	PT0813423
	M5 x 18	PT0813425
	M6 x 6	PT0813416
	M6 x 8	PT0813418
	M6 x 10	PT0813420
	M6 x 12	PT0813422
	M6 x 16	PT0813424
	M6 x 18	PT0813426



Eye Bolt

L

H1

H2

D1

D2

D3

D4

M

Part #

15	33.3	17	32.6	20	6.3	16	8	PT0890040
18	41.5	21	41	25	8	20	10	PT0890041
22	51	26	50	30	10	25	12	PT0890042
27	60	30	60	35	12.5	30	16	PT0890043
30	71	35	72	40	16	35	20	PT0890044
34	84	43	81	44	18	40	22	PT0890045
38	90	45	90	50	20	45	24	PT0890046
45	110	55	110	60	25	60	30	PT0890047
55	131.5	65	133	70	31.5	70	36	PT0890048

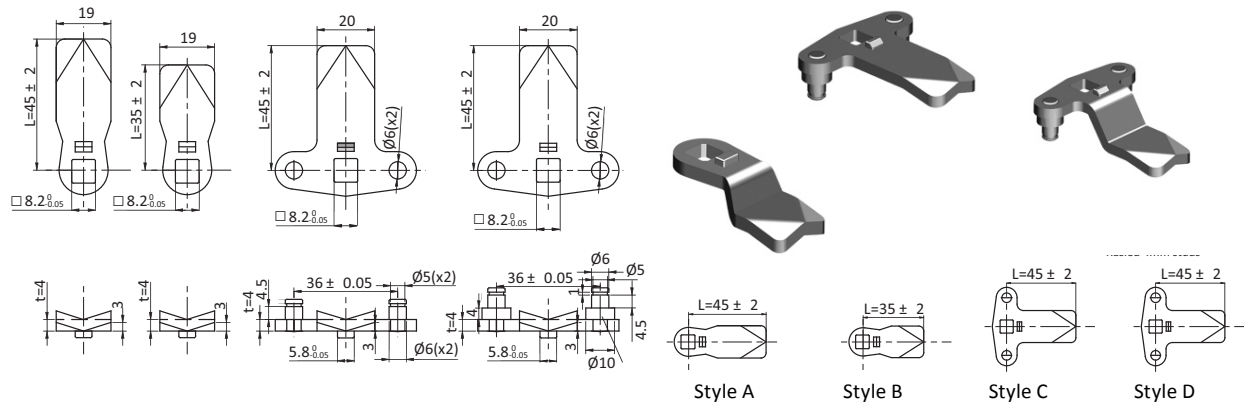
STANDARD QUARTER TURN CAMS

Description Standard cams for standard quarter turns. Contains 3mm ramps. Cam contains a stop for quarter turns that do not have internal restraints.

Material Mild steel

Surface Zinc plated

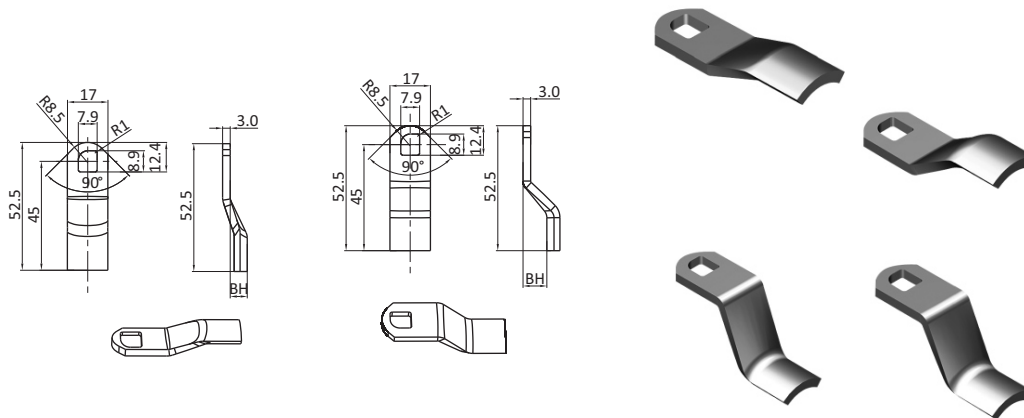
Specials Other materials and custom cams on request



	BH	GH = 18 Standard	GH = 30	GH = 36	GH = 40	GH = 50	GH = 60	Style A	Style B	Style C	Style D
H = GH + BH	-16	2	14	20	24	34	44	PT0810247			
	-14	4	16	22	26	36	46	PT0810248		PT0810295	PT0810321
	-12	6	18	24	28	38	48	PT0810249	PT0810276	PT0810296	PT0810322
	-10	8	20	26	30	40	50	PT0810250	PT0810277	PT0810297	PT0810323
	-8	10	22	28	32	42	52	PT0810251	PT0810278	PT0810298	PT0810324
	-5	13	25	31	35	45	55	PT0810252	PT0810279	PT0810299	PT0810325
	-4	14	26	32	36	46	56	PT0810253	PT0810280	PT0810300	PT0810326
	-2	16	28	34	38	48	58	PT0810254	PT0810281	PT0810301	PT0810327
	0	18	30	36	40	50	60	PT0810255	PT0810282	PT0810302	PT0810328
	2	20	32	38	42	52	62	PT0810256	PT0810283	PT0810303	PT0810329
	4	22	34	40	44	54	64	PT0810257	PT0810284	PT0810304	PT0810330
	6	24	36	42	46	56	66	PT0810258	PT0810285	PT0810305	PT0810331
	7	25	37	43	47	57	67	PT0810259	PT0810286	PT0810306	PT0810332
	8	26	38	44	48	58	68	PT0810260	PT0810287	PT0810307	PT0810333
	10	28	40	46	50	60	70	PT0810261	PT0810288	PT0810308	PT0810334
	12	30	42	48	52	62	72	PT0810262	PT0810289	PT0810309	PT0810335
	14	32	44	50	54	64	74	PT0810263		PT0810310	PT0810336
	16	34	46	52	56	66	76	PT0810264		PT0810311	PT0810337
	17	35	47	53	57	67	77	PT0810265	PT0810290	PT0810312	PT0810338
	18	36	48	54	58	68	78	PT0810266		PT0810313	PT0810339
	20	38	50	56	60	70	80	PT0810267	PT0810291	PT0810314	PT0810340
	22	40	52	58	62	72	82	PT0810268	PT0810292	PT0810315	PT0810341
	24	42	54	60	64	74	84	PT0810269	PT0810293	PT0810316	PT0810342
	26	44	56	62	66	76	86	PT0810270	PT0810294	PT0810317	PT0810343
	27	45	57	63	67	77	87	PT0810271		PT0810318	PT0810344
	29	47	59	65	69	79	89	PT0810272		PT0810319	PT0810345
	32	50	62	68	72	82	92	PT0810273		PT0810320	PT0810346
	35	53	65	71	75	85	95	PT0810274			
	37	55	67	73	77	87	97	PT0810275			

CUSTOM QUARTER TURN CAMS – STYLE A

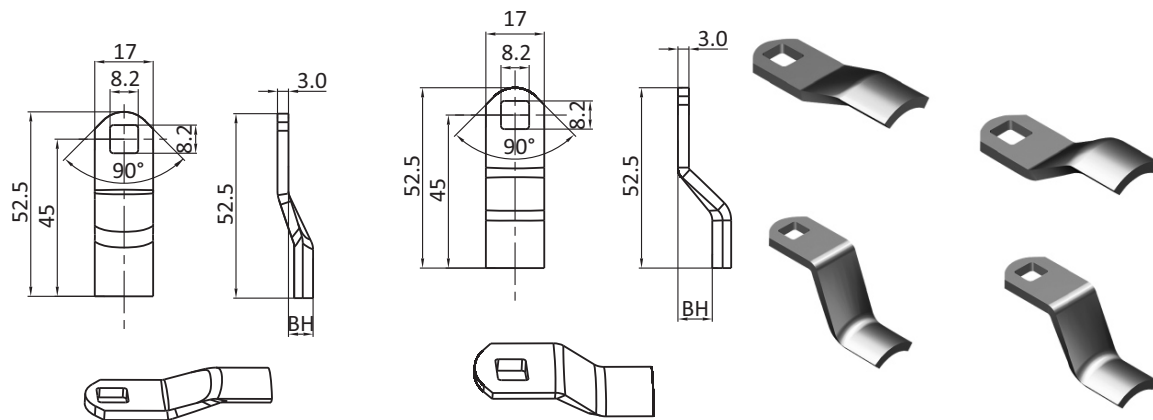
Description	Locks and unlocks both quarter turns and swing handles
Material	Mild steel
Surface	Zinc plated
Pack Quantity	10 pieces



Custom Quarter Turn Cams	Total grip	Cam offset	Max. outer door Ts for assembled latch	Part #
Style A	15	18	Must use unassembled latch	PT0810668S01
	17	16	Must use unassembled latch	PT0810668
	19	14	1	PT0810669
	21	12	2	PT0810670
	23	10	4	PT0810671
	25	8	5	PT0810672
	27	6	6	PT0810673
	29	4	7	PT0810674
	31	2	7	PT0810675
	33	0	7	PT0810676
	35	2	7	PT0810677
	37	4	7	PT0810678
	39	6	7	PT0810679
	41	8	7	PT0810680
	43	10	7	PT0810681
	45	12	7	PT0810682
	47	14	7	PT0810683
	49	16	7	PT0810684
	51	18	7	PT0810685
53	20	7	PT0810686	

CUSTOM QUARTER TURN CAMS – STYLE B

Description Locks and unlocks both quarter turns and swing handles
Material Mild steel
Surface Zinc plated
Pack Quantity 10 pieces



Custom Quarter Turn Cams	Total grip	Cam offset	Max. outer door Ts for assembled latch	Part #
Style B	15	18	Must use unassembled latch	PT0810688
	17	16	Must use unassembled latch	PT0810689
	19	14	1	PT0810690
	21	12	2	PT0810691
	23	10	4	PT0810692
	25	8	5	PT0810693
	27	6	6	PT0810694
	29	4	7	PT0810695
	31	2	7	PT0810696
	33	0	7	PT0810697
	35	2	7	PT0810698
	37	4	7	PT0810699
	39	6	7	PT0810700
	41	8	7	PT0810701
	43	10	7	PT0810702
	45	12	7	PT0810703
	47	14	7	PT0810704
	49	16	7	PT0810705
	51	18	7	PT0810706
	53	20	7	PT0810707

UNIQUE MULTIPOINT QUARTER TURN CAMS

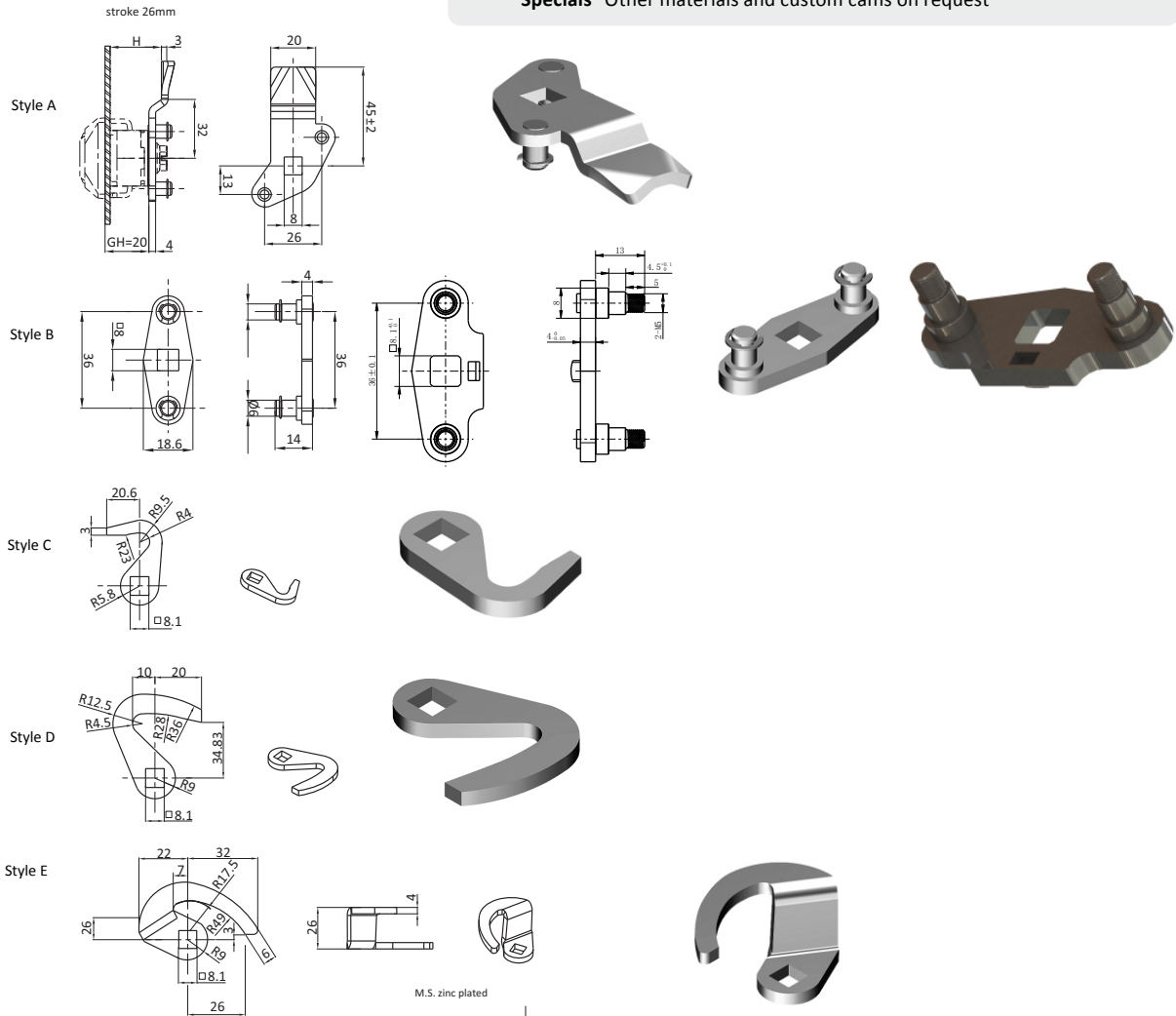
Description Multi point cams for standard quarter turns. Cam contains a stop for quarter turns that do not have internal restraints.

Material Mild steel

Surface Zinc plated

Pack Quantity 10 pieces

Specials Other materials and custom cams on request



Style	H Dimension	Angle	Part #	Left	Right
A	25			PT0810459	PT0810460
	27			PT0810461	PT0810462
	29			PT0810463	PT0810464
	31			PT0810465	PT0810466
B		90 °	PT0810708		
		45 °	PT0810709		
		90 °	PT0810710		
		90 ° W/ Mech Stop	PT0810710S01		
C			PT0810711		
D			PT0810712		
E			PT0810713		

SINGLE POINT ROLLER CAM

Description For standard quarter turns, allows larger ramp range and smoother locking

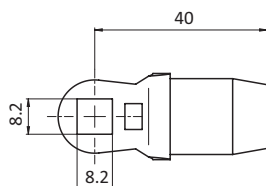
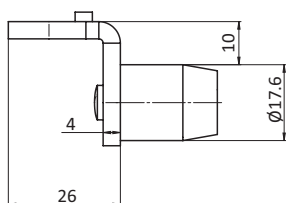
Material Cam: mild steel, 304 Stainless steel
 Roller: Nylon PA, glass fiber reinforced

Surface Cam: zinc plated, passivated

Color Roller: black

Pack Quantity 10 pieces

Specials Custom cam on request



Single Point Roller Cam

Material

Part #

Steel

PT0810261RC

304 Stainless Steel

PT0810261RCE

HOOK CAM QUARTER TURN

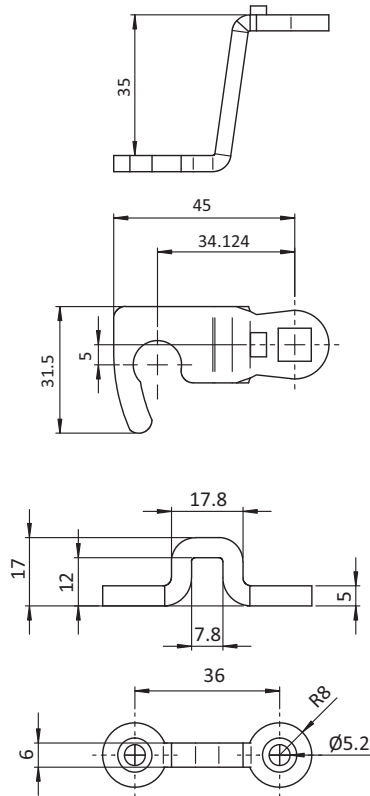
Description Hook Cams for standard quarter turns. Cam contains a stop for quarter turns that do not have internal restraints

Material Mild steel
Loop: Die-cast zinc

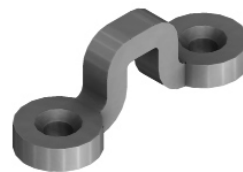
Surface Zinc plated

Pack Quantity 10 pieces

Specials Other materials on request



Hooked cam



Bolt-on loop

Hook Cam Quarter Turn

Part

Hooked cam

PT0810377

Bolt-on loop

PT0820132

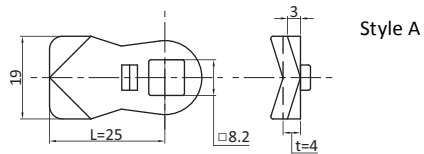
UNIQUE MULTIPOINT QUARTER TURN CAMS

Description Multi point cams for standard quarter turns. Cam contains a stop for quarter turns that do not have internal restraints

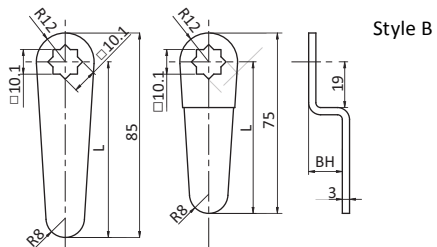
Material Mild Steel

Surface Zinc plated

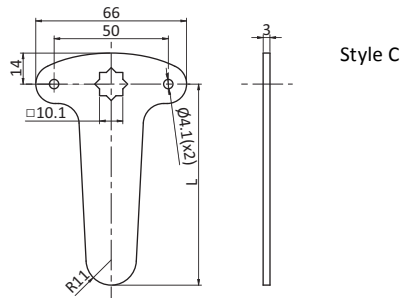
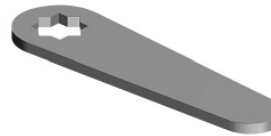
Specials Other materials and custom cams on request



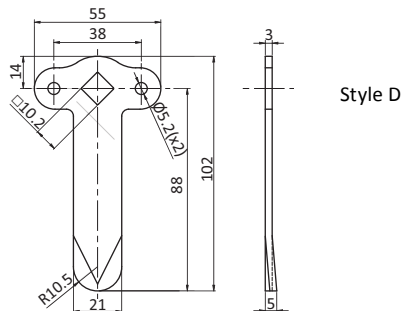
Style A



Style B



Style C



Style D



Unique multipoint quarter turn cams
Style

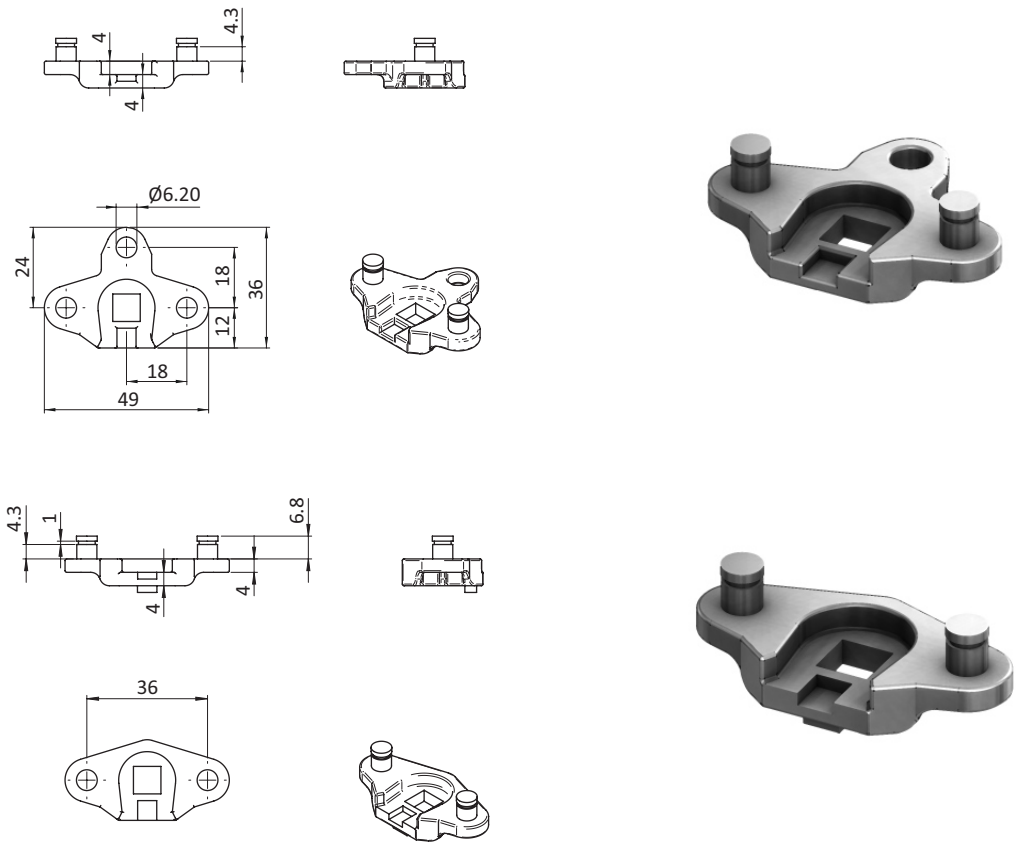
Style	L [mm]	BH	Part #
A	25	0	PT0810347
	20	0	PT0813441
B	60	2	PT0810348
	63	14	PT0810349
	73	0	PT0810350
C	60	12	PT0810351
	81	18	PT0810352
	88	0	PT0810353
D	88	0	PT0810354

FOUR / THREE POINT CAM ADAPTERS

Description For quicker assembly of quarter turns replaces the need for quarter turn mounting nuts

Material Die cast zinc

Surface Zinc plated



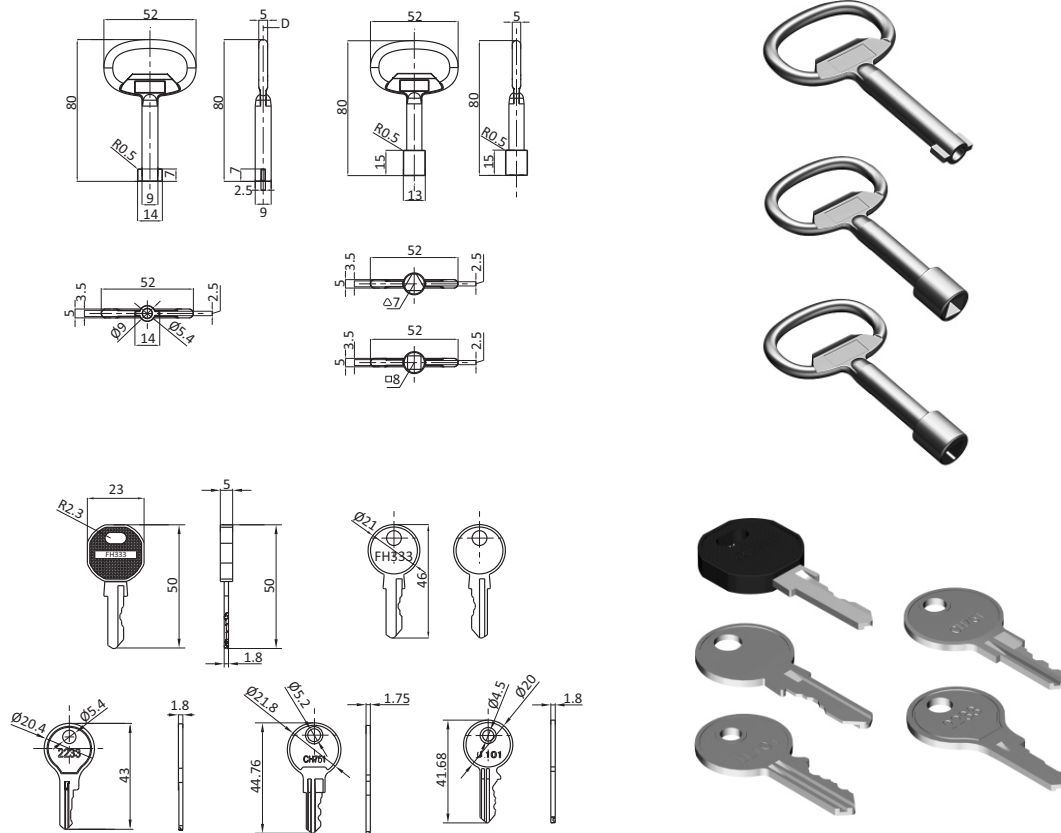
Four / Three Point Cam		Part #
Four point cam adapter		PT0810526
Three point cam adapter		PT0810527

KEYS

Description Standard cams for standard quarter turns. Contains 3mm ramps. Cam contains a stop for quarter turns that do not have internal restraints

Material Die cast zinc
Brass

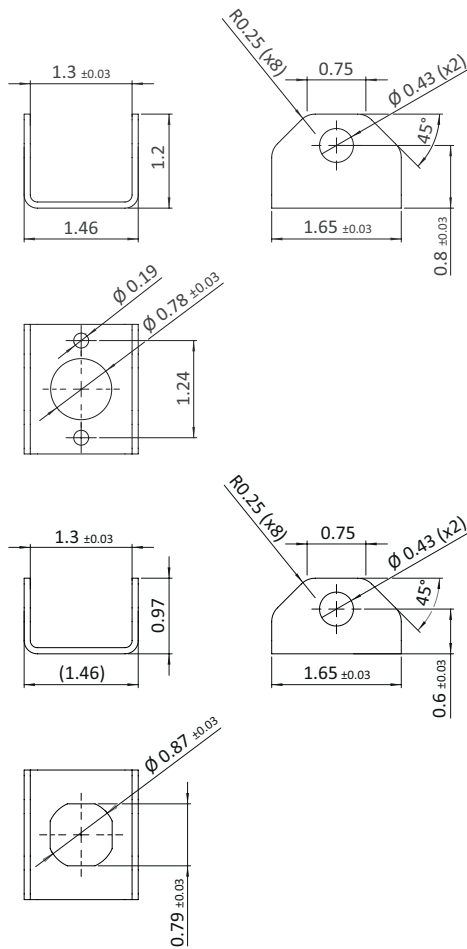
Surface Zinc plated
Chrome plated



Key Type	L [mm]	Material	Part #	Black Powder coated	Chrome Plated
Double bit 5mm	80	Die-cast zinc		PT0813427	PT0890049
	70	Die-cast zinc		PT0813428	PT0890052
	55	Die-cast zinc		PT0813429	PT0890055
Triangular 8mm	80	Die-cast zinc		PT0813430	PT0890050
	70	Die-cast zinc		PT0813431	PT0890053
	55	Die-cast zinc		PT0813432	PT0890056
Square 8mm	80	Die-cast zinc		PT0813433	PT0890051
	70	Die-cast zinc		PT0813434	PT0890054
	55	Die-cast zinc		PT0813435	PT0890057
FH333		Full brass	PT0810123R01		
		PA knob, brass key	PT0813437		
FH751		Full brass	PT0810058R01		
FH2233		Full brass	PT0813439		
FH101		Full brass	PT0813440		

PADLOCK DEVICE

Description Padlock device for quarter turn locks
Material 304 SS



Padlock Device

Part #

Small

[PT0813442](#)

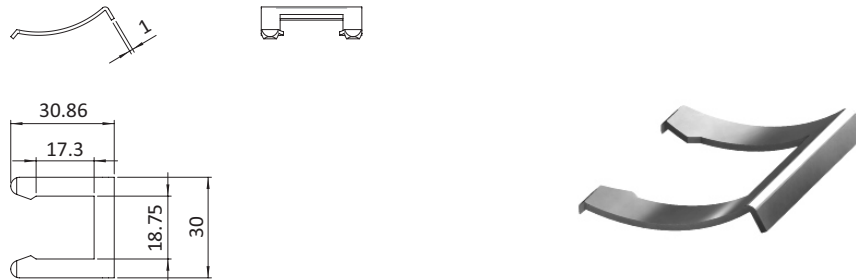
Large

[PT0813443](#)

QUARTER TURN MOUNTING SPRING CLIP

Description For quicker assembly of quarter turns replaces the need for quarter turn mounting nuts

Material Spring steel



Four / Three Point Cam

Part #

For standard quarter turns for type A

PT340ME452

For small quarter turns for type A

PT340ME452S01

MAGNETIC CATCH 20

Description A quick locking device for doors, adaptable to the thickness of the panel units

Material Magnetic catch:
Nylon PA, glass fiber reinforced
Assembly set: Steel
Angle bracket: Aluminum

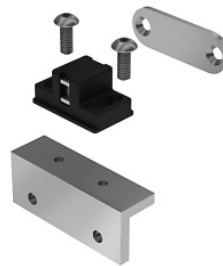
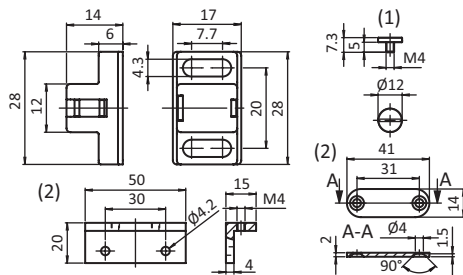
Color Magnetic catch: Black

Fastening Using screws M4

Set 1 magnetic catch 20,
1 counter plate 14 x 41 x 2 mm,
2 screws DIN 7380 - M4 x 10,
1 angle bracket

Pack Quantity 10 pieces

Specials ⚡ electrostatically conductive, other sizes, other colors on request



Magnetic Catch

Locking Force

Weight [g]

Part

(1) With pan head screw DIN 921 - M4 x 5, zinc plated steel

Approx. 5 N front / 3 N back

9.0

[PT093094](#)

(2) Set

Approx. 5 N front / 3 N back

9.0

[PT093046](#)

MAGNETIC CATCH 30

Description A quick locking device for doors, adaptable to the thickness of the panel units

Material Magnetic catch: Nylon PA, glass fiber reinforced
Assembly set: Steel

Surface Assembly set: Zinc plated

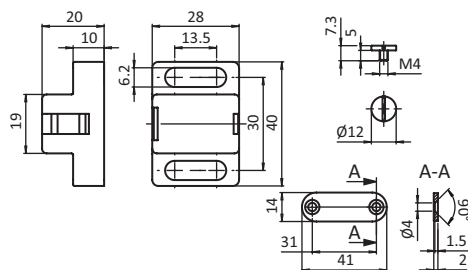
Color Magnetic catch: Black

Fastening Using M6 screws

Set 1 magnetic catch 30,
1 flat head screw DIN 921 - M5 x 6,
1 counter plate 14 x 41 x 2 mm

Pack Quantity 10 pieces

Specials ⚡ electrostatically conductive, other sizes, other colors on request



Set Magnetic Catch 30

Locking Force

Weight [g]

Part

Approx. 20 N front / 10 N back

45.9

PT093044

MAGNETIC CATCH 40

Description A quick locking device for doors, adaptable to the thickness of the panel units

Material Nylon PA, glass fiber reinforced

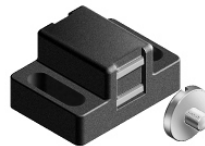
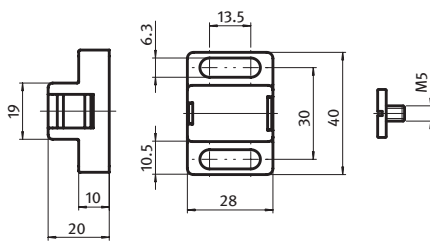
Color Black

Counter plate Pan head screw DIN 921 - M5 x 6, zink-plated steel (other screws on request)

Fastening Using screws

Pack Quantity 10 pieces

Specials  electrostatically conductive, other sizes, other colors on request



Magnetic Catch

Locking Force

Weight [g]

Part

Approx. 20 N front / 10 N back

39.0

PT093040

CLIP CABLE BINDER

Description To fix cables without the need for cable ties, can be opened and closed again

Material Clip: Nylon PA
Rubber: FPM 70

Color Black

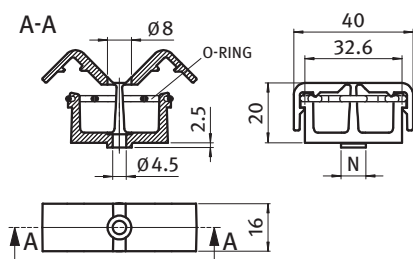
Fastening From the front, using M4 lens or socket head screws

Pack Quantity 10 pieces

Specials  electrostatically conductive, other sizes,
other colors on request

Pack Quantity 10 pieces

Specials  electrostatically conductive, other sizes, other colors on request



Clip Cable Binder

Weight [g]

Part #

7.0

PT093401

DOUBLE BALL CATCH MS

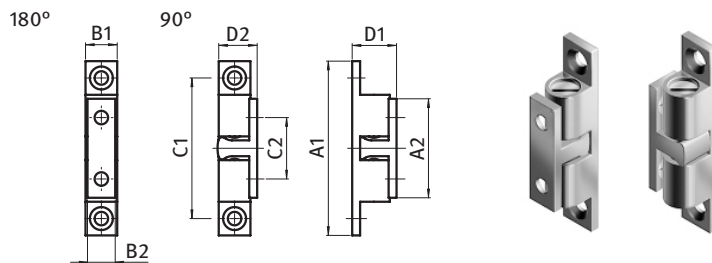
Description Quick catch for doors, adjustable clamping force, 2 possible positions (sideways / from the front)

Material Spring: Stainless steel
 Ball: Stainless steel
 Body: Brass

Surface Chrome plated (RoHS compliant)

Fastening From the front, using countersunk screws

Pack Quantity 10 pieces



Screw	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	C1 [mm]	C2 [mm]	D1 [mm]	D2 [mm]	Weight [g]	Part #
M3	44.0	24.7	8.0	6.6	35.0	15.2	11.8	9.7	15.60	PT0930461
	49.0	28.8	8.8	7.6	39.8	19.8	13.2	10.8	23.60	PT0930462
M4	60.0	35.0	11.0	9.0	50.0	23.5	15.5	13.5	40.00	PT0930463
	68.4	40.2	13.0	12.0	58.0	30.0	18.1	15.2	65.00	PT0930464

UNIVERSAL CABLE BINDING BLOCK

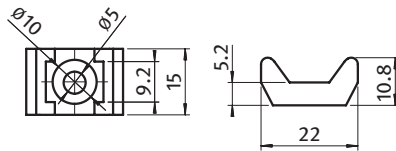
Description To secure cables to aluminum profiles;
 to be mounted with a hammer nut

Material Nylon PA, glass fiber reinforced

Color Black

Pack Quantity 100 pieces

Specials Other colors on request



Universal Cable Binding Block

Weight [g]

Part #

1.6

[PT093059](#)

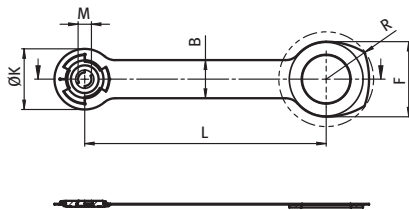
SAFETY STRAP

Description To easily and fastly secure screws, according to Machinery Directive 2006/42/EC

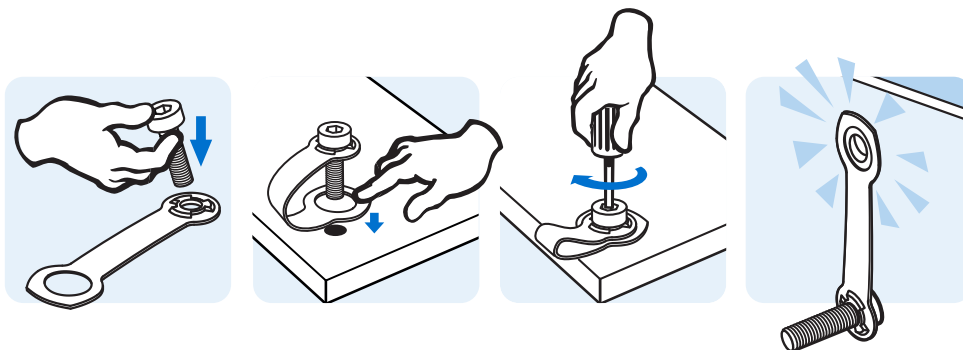
Material Strap: Plastic PVC
Shim: Nylon PA, glass fiber reinforced

Color Clear / black

Pack Quantity 20 pieces



Safety Strap	M [mm]	L [mm]	R [mm]	B [mm]	ØK [mm]	F [mm]	Weight [g]	Part #
	6	90.0	34.9	14.2	22.6	28.0	1.0	PT093VS06
	8	100.0	39.5	18.2	28.2	32.0	1.5	PT093VS08
	10	110.0	46.7	23.2	33.2	39.0	2.0	PT093VS10
	12	120.0	46.8	23.2	33.2	29.0	3.0	PT093VS12
ohne Aufdruck Without print	6	90.0	34.9	14.2	22.6	28.0	1.0	PT093VS06S01
	8	100.0	39.5	18.2	28.2	32.0	1.5	PT093VS08S01
	10	110.0	46.7	23.2	33.2	39.0	2.0	PT093VS10S01
	12	120.0	46.8	23.2	33.2	29.0	3.0	PT093VS12S01



BALL CATCH

Description A quick locking device for doors, adaptable to the thickness of the panel units

Material Nylon PA, glass fiber reinforced

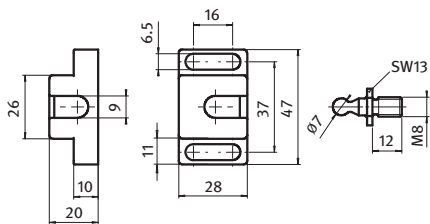
Color Black

Counter screw M8 x 12, zinc plated steel / stainless steel SS 304

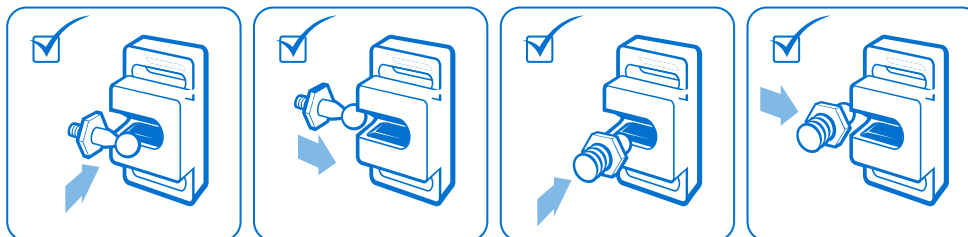
Fastening Using screws

Pack Quantity 10 pieces

Specials ⚡ electrostatically conductive, other sizes, other colors on request

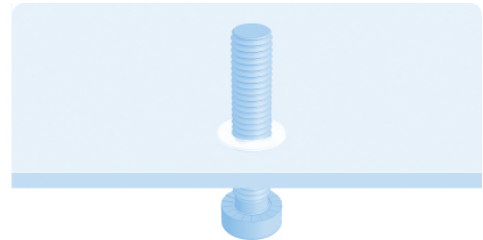
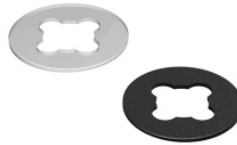
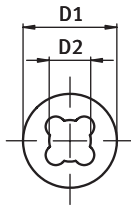


Ball Catch	Locking Force	Counter Screw	Weight [g]	Part #
light	~ 40 N	Zinc-plated steel	45.0	PT093045
	~ 40 N	Stainless steel	45.0	PT093045S03
strong	~ 50 N	Zinc-plated steel	45.0	PT093043
	~ 50 N	Stainless steel	45.0	PT093043S02



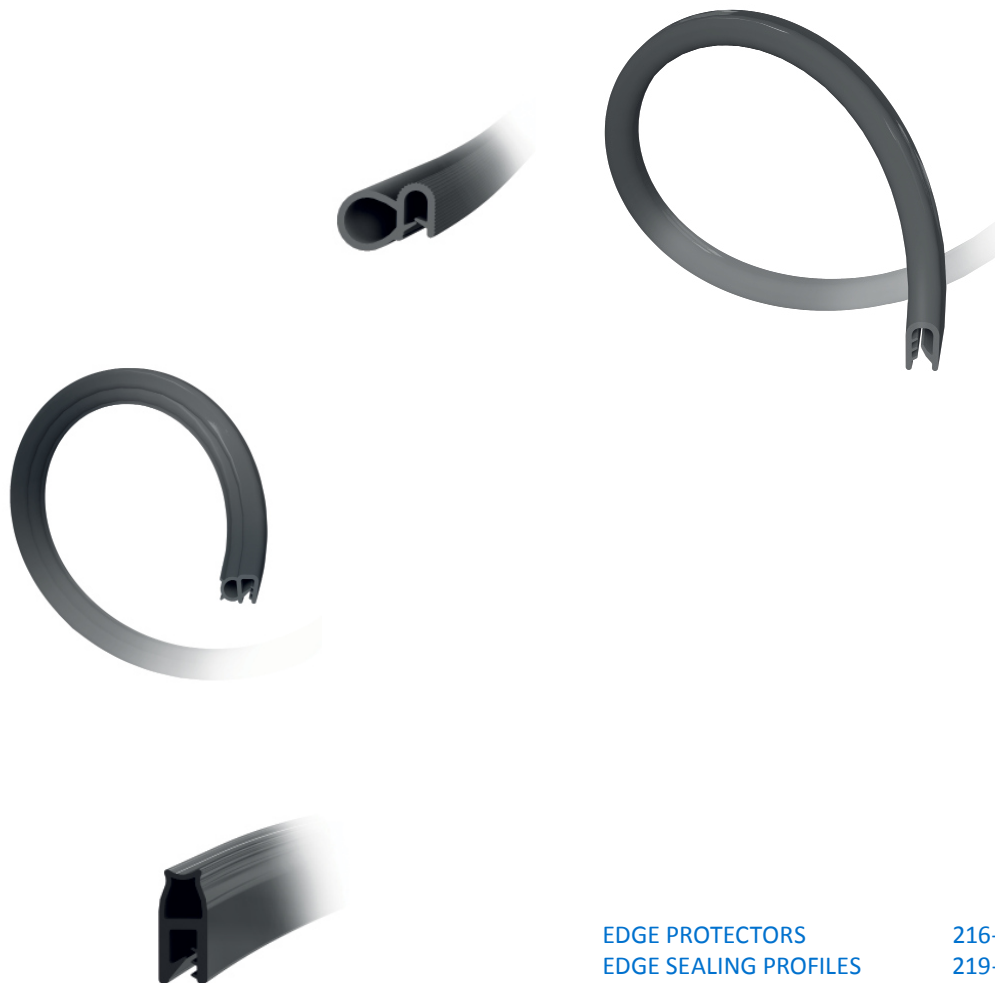
ANTI-LOSS WASHER

Description To secure screws to panels
Material Nylon PA
Color Natural / black
Pack Quantity 1000 pieces
Specials Other sizes on request



Anti-loss washer	Color	for Screw	D1 [mm]	D2 [mm]	Weight [g]	Part #
	natural	M5	10.0	4.1	1.0	PT093169
	black	M5	10.0	4.1	1.0	PT093169SW
	natural	M6	12.0	5.1	1.0	PT093166
	black	M6	12.0	5.1	1.0	PT093166SW
	natural	M8	14.0	6.2	1.0	PT093156

INDUSTRIAL HARDWARE CHAPTER 10: GASKETS



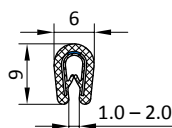
EDGE PROTECTORS	216-218
EDGE SEALING PROFILES	219-226
DOOR SEALING PROFILES	227

EDGE PROTECTORS

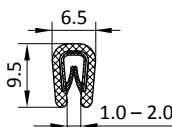
Description For encasing the edges of panels;
with split clamp; self-clamping

Material Edge protector:
PVC 78 Shore A ☒, PVC 57 Shore A transparent ☒
Clamp: Steel

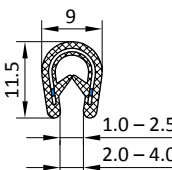
Specials Edge protector: Other colors, Butyl sealant on request
Clamp: Stainless steel, non-split, single-sided split on request
Other cross-sections on request



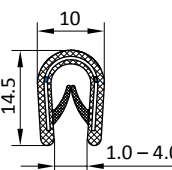
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Center bar	black	1.0 – 2.0	100	PT087EPE01911
Center bar	white	1.0 – 2.0	100	PT087EPE01931
Center bar	grey	1.0 – 2.0	100	PT087EPE01711



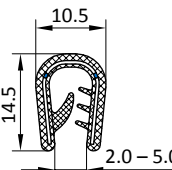
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Center bar	black	1.0 – 2.0	100	PT087EPE02911
Center bar	white	1.0 – 2.0	100	PT087EPE02931
Center bar	silver	1.0 – 2.0	100	PT087EPE02941



Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 2.5	100	PT087EPE03911
Double bar	black	2.0 – 4.0	100	PT087EPE03912



Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 4.0	100	PT087EPE04911
Double bar	anthracite	1.0 – 4.0	100	PT087EPE04731
Double bar	light grey	1.0 – 4.0	100	PT087EPE04721
Double bar	white grey	1.0 – 4.0	100	PT087EPE04921



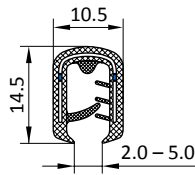
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	2.0 – 5.0	100	PT087EPE05911

EDGE PROTECTORS

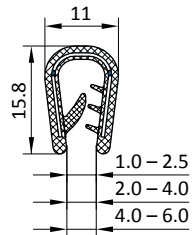
Description For encasing the edges of panels;
with split clamp; self-clamping

Material Edge protector:
PVC 78 Shore A ☒, PVC 57 Shore A transparent ☒
Clamp: Steel

Specials Edge protector: Other colors, Butyl sealant on request
Clamp: Stainless steel, non-split, single-sided split on request
Other cross-sections on request



Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	grey	2.0 – 5.0	100	PT087EPE06711



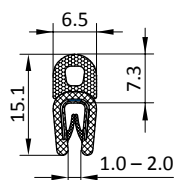
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 2.5	100	PT087EPE07911
Double bar	black	2.0 – 4.0	100	PT087EPE07912
Double bar	black	4.0 – 6.0	100	PT087EPE07913

EDGE PROTECTORS

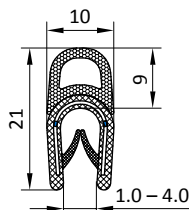
Description Combination of edge protector and sealing profile; with split clamp; self-clamping

Material Edge protector: PVC 78 Shore A ☒, PVC 57 Shore A transparent ☒
 Clamp: Steel
 Sealing profile: Foam rubber EPDM ☒

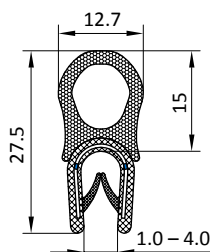
Specials Edge protector: Other colors, Butyl sealant on request
 Sealing profile: Lubricant varnish, flocking, EMC film on request
 Clamp: Stainless steel, non-split, single-sided split on request
 Other cross-sections on request



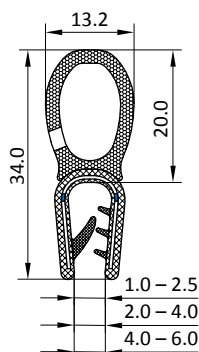
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Center bar	black	1.0 – 2.0	100	PT087SPET01911



Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 4.0	50	PT087SPET02911



Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 4.0	50	PT087SPET03911



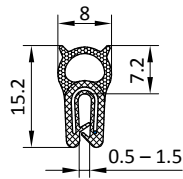
Clamp	Color	Clamping range [mm]	Pack Quant. [m]	Part #
Double bar	black	1.0 – 2.5	50	PT087SPET04911
Double bar	black	2.0 – 4.0	50	PT087SPET04912
Double bar	black	4.0 – 6.0	50	PT087SPET04913

EDGE SEALING PROFILES

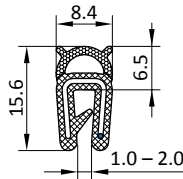
Description Combination of edge protector and sealing profile; with wire clamp or **non-split** clamp; self-clamping

Material Edge protectors:
Soft rubber EPDM or NBR ☒
Clamp: Steel
Sealing profile: Foam rubber EPDM or NBR ☒

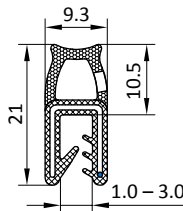
Specials Edge protectors: Other colors, Butyl sealant on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Clamp: Stainless steel, split on request
Other cross-sections on request



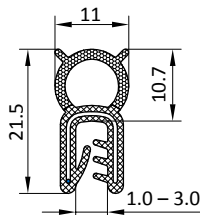
Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	0.5 – 1.5	2 x 50	PT087SPET05911



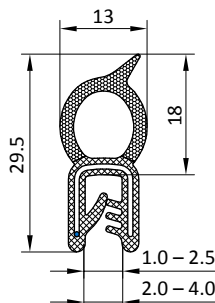
Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	1.0 – 2.0	2 x 50	PT087SPET06911



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	Center bar	black	1.0 – 3.0	2 x 50	PT087SPET07911



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	1.0 – 3.0	2 x 50	PT087SPET08911
NBR / NBR	wire	black	1.0 – 3.0	2 x 50	PT087SPET08912



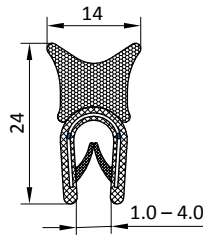
Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	1.0 – 2.5	2 x 50	PT087SPET09911
EPDM / EPDM	wire	black	2.0 – 4.0	2 x 50	PT087SPET09912

EDGE SEALING PROFILES

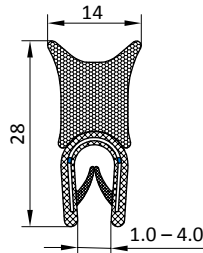
Description Combination of edge protector and sealing profile; with wire clamp / split double bar clamp; self-clamping

Material Edge protectors:
PVC 78 Shore A ☒, PVC 57 Shore A transparent ☒
Clamp: Steel
Sealing profile: Foam rubber EPDM ☒

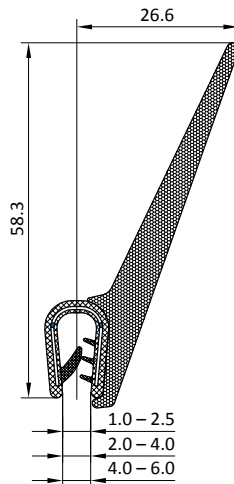
Specials Edge protectors: Other colors, Butyl sealant on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Clamp: Stainless steel, non-split, single-sided split on request
Other cross-sections on request



Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 4.0	50	PT087SPET10911



Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 4.0	50	PT087SPET11911



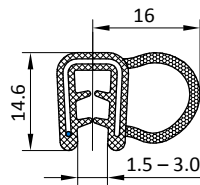
Material	Clamp (2)	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	double bar	black	1.0 – 2.5	25	PT087SPES16911
EPDM / PVC	double bar	black	2.0 – 4.0	25	PT087SPES16912
EPDM / PVC	double bar	black	4.0 – 6.0	25	PT087SPES16913

EDGE SEALING PROFILES

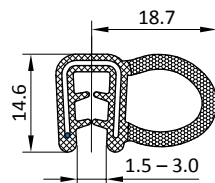
Description Combination of edge protector and sealing profile; with wire clamp / **non-split** clamp; self-clamping

Material Edge protector:
Soft rubber EPDM or CR ☒ ☒
Clamp: Steel
Sealing profile: Foam rubber EPDM or CR ☒ ☒

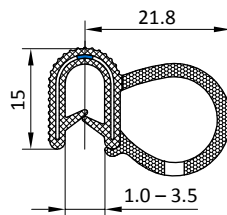
Specials Edge protector: Butyl sealant on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Finishing: Flame resistant, anti-fungal on request
Clamp: Stainless steel, split on request
Other cross-sections on request



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	wire	black	1.5 – 3.0	2 x 50	PT087SPES02911



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	1.5 – 3.0	4 x 25	PT087SPES03911



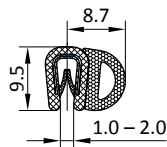
Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	Center bar	black	1.0 – 3.5	50	PT087SPES06911
CR / CR	Center bar	black	1.0 – 3.5	3 x 25	PT087SPES06912

EDGE SEALING PROFILES

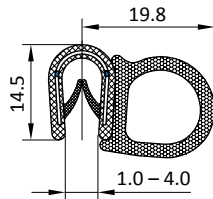
Description Combination of edge protector and sealing profile; with split clamp; self-clamping

Material Edge protector: PVC 78 Shore A ☒, PVC 57 Shore A transparent ☒
Clamp: Steel
Sealing profile: Foam rubber EPDM or NBR ☒

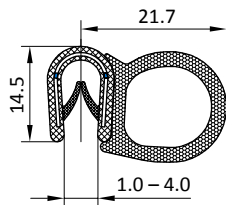
Specials Edge protector: Other colors, Butyl sealant on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Clamp: Stainless steel, non-split, single-sided split on request
Other cross-sections on request



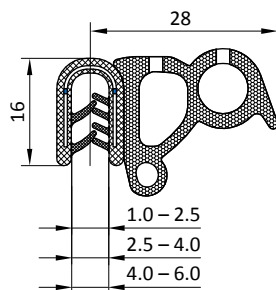
Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	Center bar	black	1.0 – 2.0	100	PT087SPES01911



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	double bar	black	1.0 – 4.0	50	PT087SPES04911



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	double bar	black	1.0 – 4.0	50	PT087SPES05911



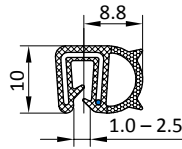
Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / PVC	black	1.0 – 2.5	50	PT087SPES13911
EPDM / PVC	black	2.5 – 4.0	50	PT087SPES13912
EPDM / PVC	black	4.0 – 6.0	50	PT087SPES13913

EDGE SEALING PROFILES

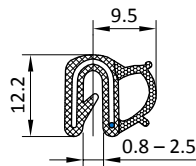
Description Combination of edge protector and sealing profile; with wire clamp; self-clamping

Material Edge protector:
Soft rubber EPDM or NBR ☒☒☒
Clamp: Steel
Sealing profile: Foam rubber EPDM or NBR ☒☒☒

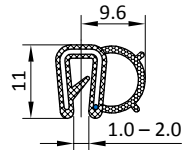
Specials Edge protector: Other colors, Butyl sealant on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Finishing: Flame resistant, anti-fungal on request
Clamp: Stainless steel, split on request
Other cross-sections on request



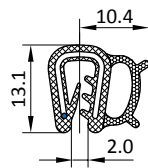
Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	1.0 – 2.5	100	PT087SPES07911



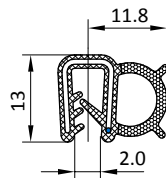
Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	0,8 – 2.5	2 x 50	PT087SPES08911



Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	1.0 – 2.0	2 x 50	PT087SPES09911



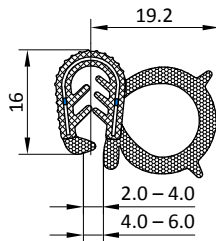
Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	2.0	2 x 50	PT087SPES10911



Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	2.0	2 x 50	PT087SPES11911
NBR / NBR	black	2.0	2 x 50	PT087SPES11912

EDGE SEALING PROFILES

- Description** Combination of edge protector and sealing profile; with split double bar clamp; self-clamping
- Material** Edge protector:
 Soft rubber EPDM or PVC 78 Shore A ☒
 Clamp: Steel
 Dichtprofil: Foam rubber EPDM ☒
- Specials** Edge protector: Other colors, Butyl sealant on request
 Sealing profile: Lubricant varnish, flocking, EMC film on request
 Finishing: Flame resistant, anti-fungal on request
 Clamp: Stainless steel, split on request
 Other cross-sections on request



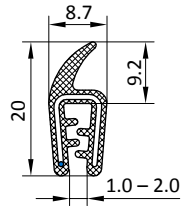
Material	Color	Clamping range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	black	2.0 – 4.0	3 x 25	PT087SPES12911
EPDM / EPDM	black	4.0 – 6.0	3 x 25	PT087SPES12912

EDGE SEALING PROFILES

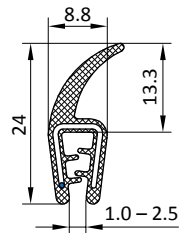
Description Edge sealing profile;
with wire clamp; self-clamping

Material Edge protector- /sealing profile: soft rubber EPDM
Clamp: Steel

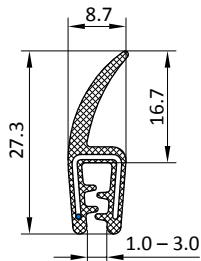
Specials Edge protector: Other colors, Butyl sealant on request
Finishing: Flame resistant, anti-fungal on request
Sealing profile: Lubricant varnish, flocking, EMC film on request
Clamp: Stainless steel on request



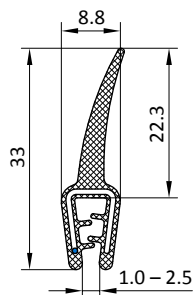
Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 2.0	2 x 50	PT087SPET12911



Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 2.5	3 x 50	PT087SPET13911



Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 3.0	2 x 50	PT087SPET14911



Color	Clamping range [mm]	Pack Quant. [m]	Part #
black	1.0 – 2.5	50	PT087SPET15911

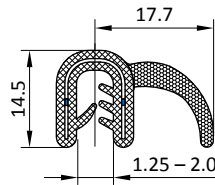
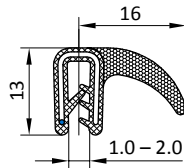
GSK

EDGE SEALING PROFILES

Description Combination of edge protector and sealing profile; with wire clamp or split double bar clamp; self-clamping

Material Edge protector:
 soft rubber EPDM or
 PVC 78 Shore A, PVC 57 Shore A transparent
 Clamp: Steel
 Sealing profile: Foam rubber EPDM

Specials Edge protector: Other colors, Butyl sealant on request
 Sealing profile: Lubricant varnish, flocking, EMC film on request
 Clamp: Split, non-split, single-sided split on request



Material	Clamp	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	wire	black	1.0 – 2.0	2 x 50	PT087SPES14911

Material	Clamp (1)	Color	Clamp. range [mm]	Pack Quant. [m]	Part #
EPDM / EPDM	double bar	black	1,25 – 2.0	2 x 50	PT087SPES15911

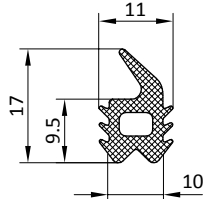
(1) single-sided split

DOOR SEALING PROFILES

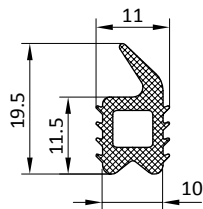
Description For sealing doors and flaps; installed by pressing into 10 mm groove or sealing channel

Material PVC 57 Shore A ☒

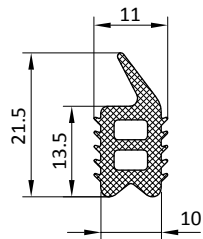
Specials Other colors on request



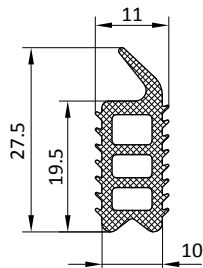
Color	Pack Quant. [m]	Part #
black	7 x 20	PT087SPST01911



Color	Pack Quant. [m]	Part #
black	7 x 20	PT087SPST02911



Color	Pack Quant. [m]	Part #
black	7 x 20	PT087SPST03911



Color	Pack Quant. [m]	Part #
black	5 x 20	PT087SPST04911

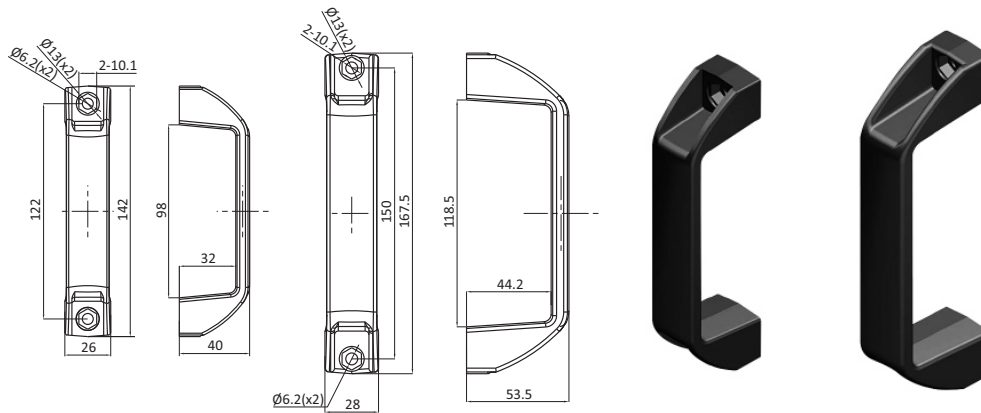
INDUSTRIAL HARDWARE

CHAPTER 11: HANDLES



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U SHAPE HANDLES

Description To mount on flaps, doors, and aluminum profiles**Material** PA6 GF30**Color** Black

U Shape Handles

L [mm]

Part #

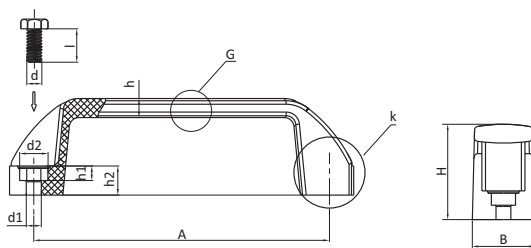
122.0

PT092001

150.0

PT0813445

U SHAPE HANDLES

Description To mount on flaps, doors, and aluminum profiles**Material** Aluminum alloy**Surface** Black powder coat

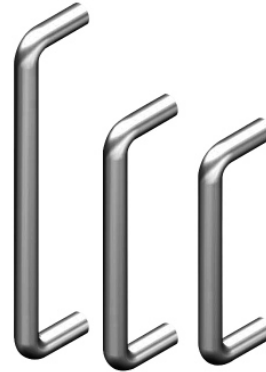
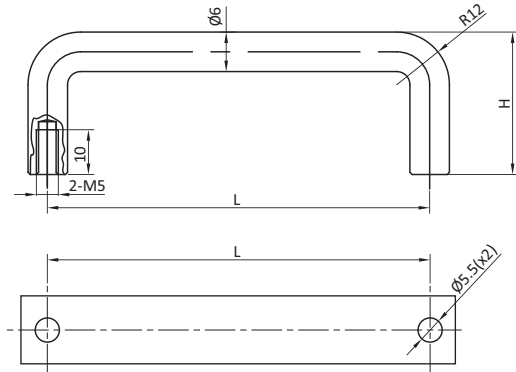
Description	A	d	d2	h1	h2	B	H	h	Part #
90 x M6	90	M6	12	7	12	20	36	6	PT0850003
120 x M8	120	M8	15	9	15	26	40	7	PT0850004
180 x 8.5	180	M8	15	9	18	28	50	8	PT0850005

U SHAPE HANDLES

Description To mount on flaps, doors, and aluminum profiles

Material Mild Steel

304 SS

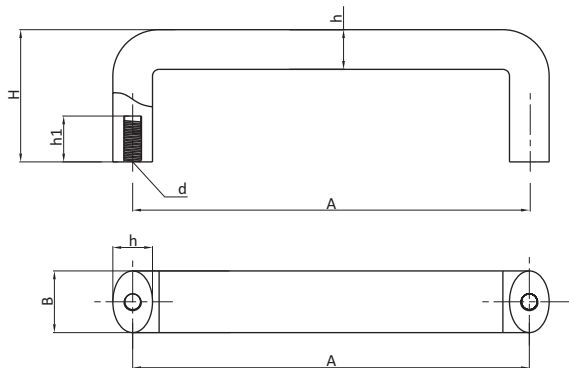
Surface Chrome plated


L [mm]	H [mm]	304 SS	Mild Steel
87.0mm	40	PT0850007	PT0850012
100.0mm	40	PT0850008	PT0850013
120.0mm	40	PT0850009	PT0850014
135.0mm	40	PT0850010	PT0850015
150.0mm	40	PT0850011	PT0850016

U SHAPE HANDLES

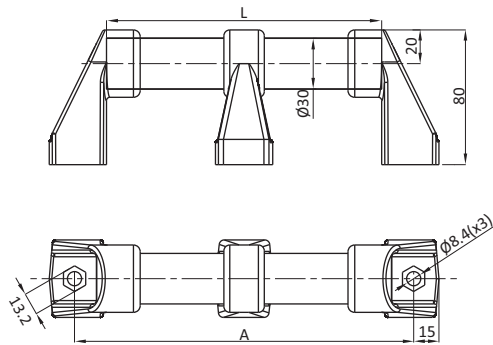
Description To mount on flaps, doors, and aluminum profiles

Material PA6 GF30

Color Black


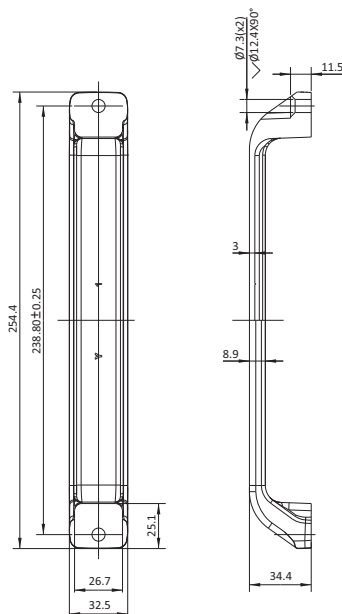
Description	A	H	d	h1	b	h	Part #
90 x M6	90	50	M6	14	28	18	PT0850018
120 x M8	120	60	M8	16	28	20	PT0850019
180 x M8	180	60	M8	16	28	20	PT0850020
240 x M8	240	60	M8	16	28	20	PT0850021

U SHAPE HANDLES

Description To mount on flaps, doors, and aluminum profiles**Material** Mild Steel, PA**Surface** Chrome plated, Black

U Shape Handles	L [mm]	A [mm]	Mild Steel
	266.0mm	300.0mm	PT0813455
	366.0mm	400.0mm	PT0813456
	466.0mm	500.0mm	PT0813457
	566.0mm	600.0mm	PT0813458
	666.0mm	700.0mm	PT0813459
	766.0mm	800.0mm	PT0813460

U SHAPE HANDLES

**Description** To mount on flaps, doors, and aluminum profiles**Material** Die cast zinc**Surface** Black powder coated

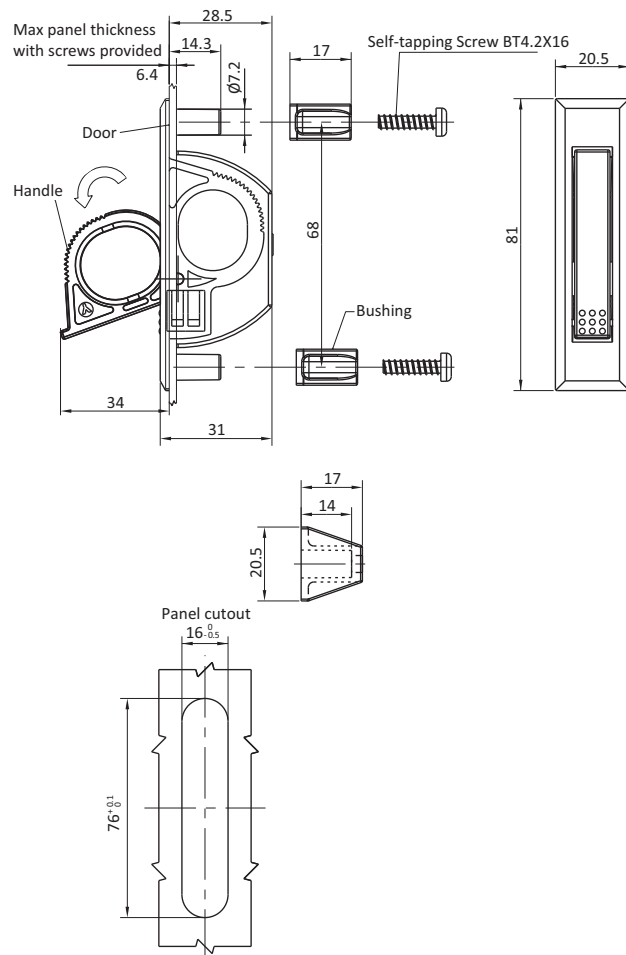
U Shape Handles	L [mm]	Part #
	238.85mm	PT0813462

CONCEALED PULL HANDLE

Description Concealed handle to mount on flaps and doors

Material PA Housing
304 SS hardware

Color Black

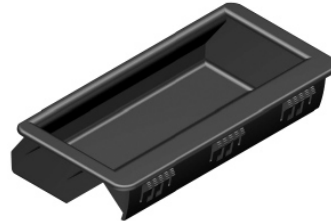
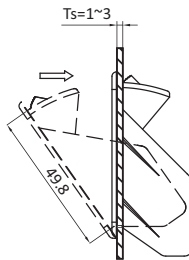
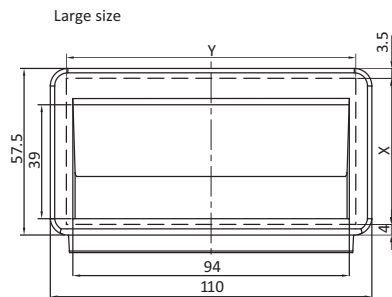


Concealed Pull Handle

Part #

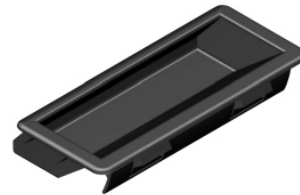
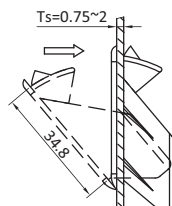
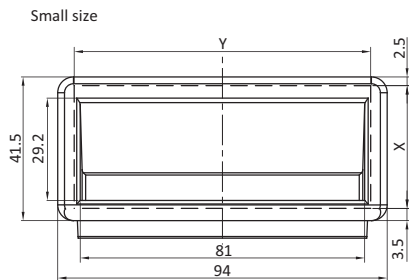
PT0813463

POCKET PULL HANDLE

Description Concealed handle to mount on flaps and doors**Material** PA6 GF30**Color** Black

Panel cutout

Ts(mm)	X	Y
1.5~2	49.8 ^{+0.2}	99.5
2~3	50 ^{+0.3}	99.5



Panel cutout

Ts(mm)	X	Y
0.75~1	35 ^{+0.2}	85 ^{+0.3}
1~2	36 ^{+0.2}	85 ^{+0.3}

Pocket Pull Handle

Part #

Large

PT0890008

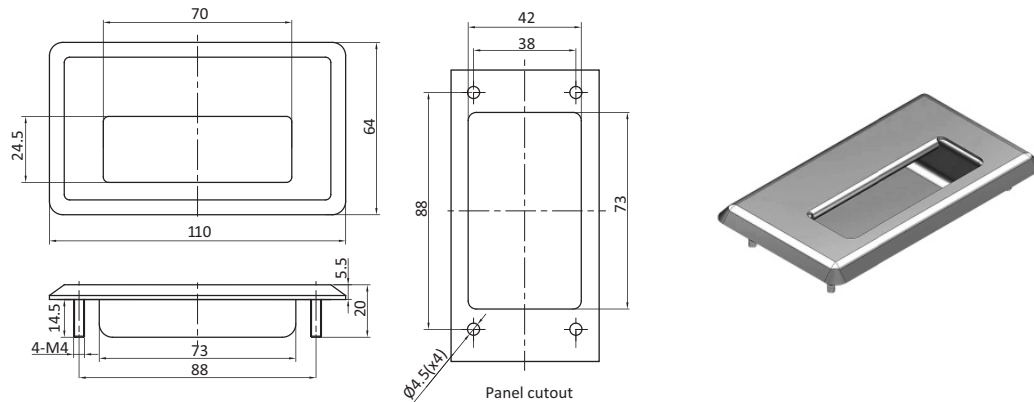
Small

PT0890009

POCKET PULL HANDLE

Description Concealed handle to mount on flaps and doors

Material 304 SS



Pocket Pull Handle

Part #

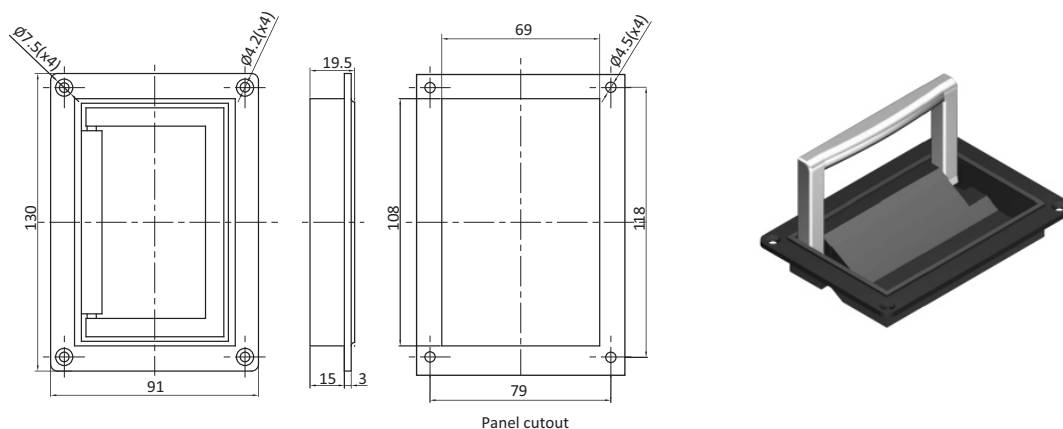
PT0890126

POCKET PULL HANDLE

Description Concealed handle to mount on flaps and doors

Material Die cast zinc

Surface Black powder coated

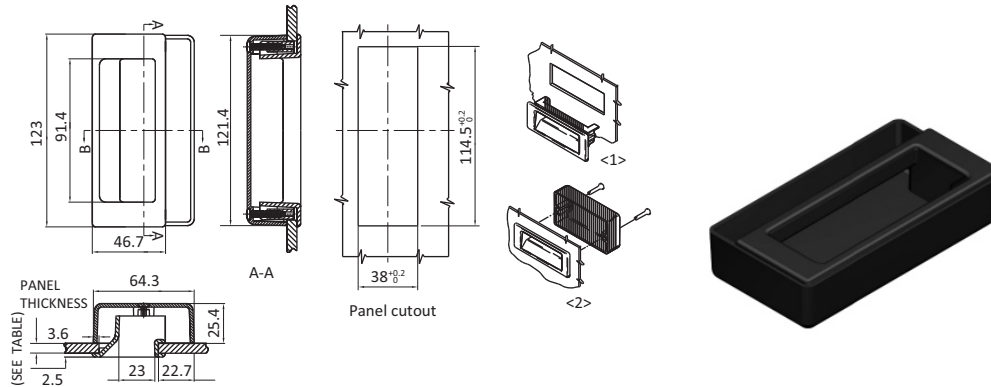


Pocket Pull Handle

Part #

PT0850022

POCKET PULL HANDLES

Description Concealed handle to mount on flaps and doors**Material** PA + GF**Color** Black

Pocket Pull Handles

Panel Thickness [mm]

Part

1.0 - 1.8

PT0890143

1.8 - 3.3

PT0890147

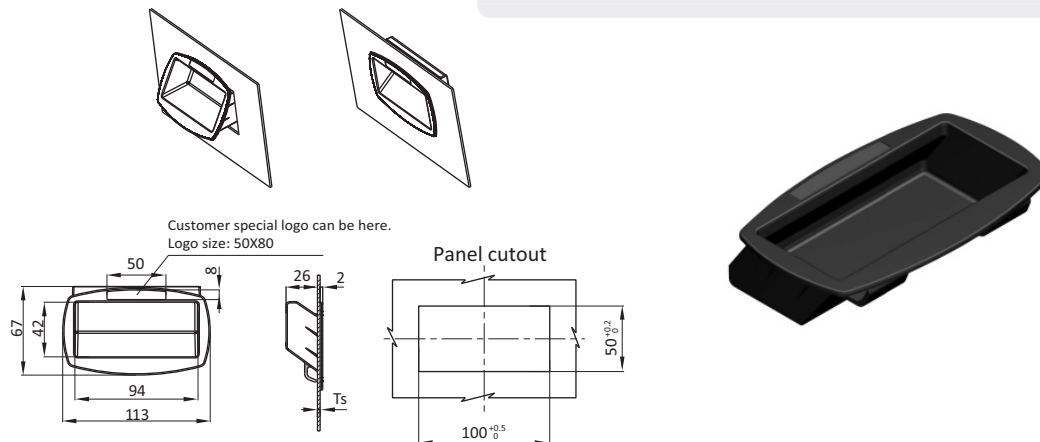
3.3 - 4.8

PT0890144

4.8 - 6.3

PT0890145

POCKET PULL HANDLES

Description Concealed handle to mount on flaps and doors**Material** PA + GF**Color** Black

Pocket Pull Handles

Panel Thickness [mm]

Part

1.0 - 1.2

PT0813466

1.2 - 1.6

PT0813467

1.6 - 2.2

PT0813468

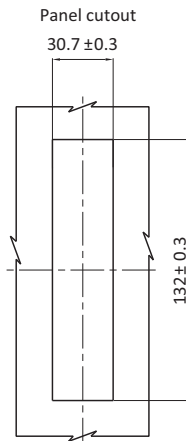
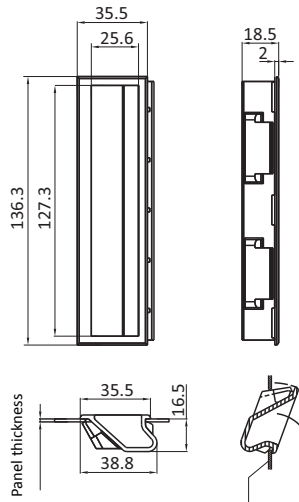
POCKET PULL HANDLES

Description Concealed handle to mount on flaps and doors

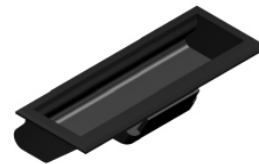
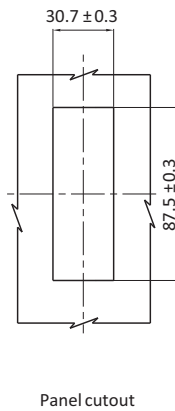
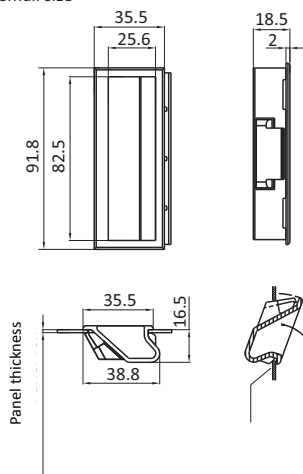
Material ABS

Color Black

Large size



Small size



Pocket Pull Handles	Panel Thickness [mm]	Large	Small
	1.0 - 1.4	PT0890008S01	PT0890009S01
	1.4 - 1.8	PT0890008S02	PT0890009S02
	1.8 - 2.1	PT0813471	PT0813472
	2.1 - 2.5	PT0813473	PT0813474

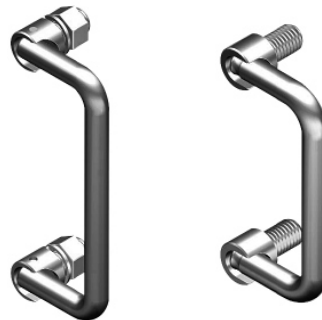
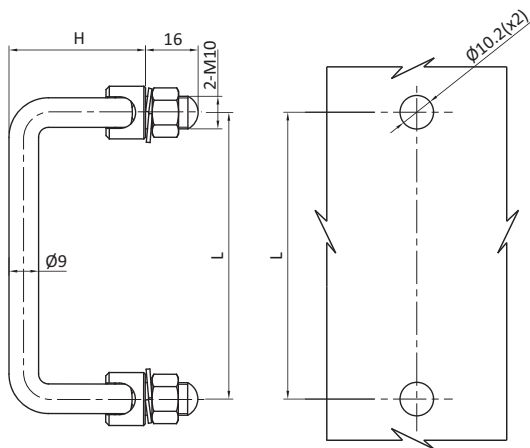
FOLDING HANDLES

Description To mount on flaps and doors

Material Mild Steel
304 SS

Color Chrome plated

Folding Handles



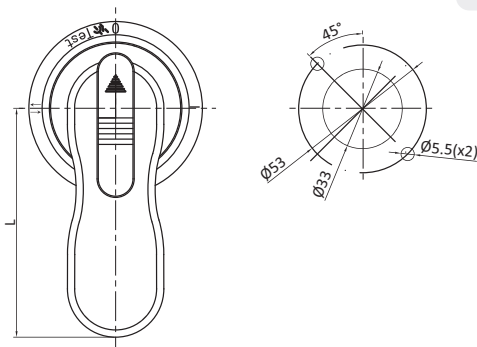
L [mm]	H [mm]	304 SS	Mild Steel
87.0mm	H = 41.5	0850025	PT0850030
100.0mm	H = 41.5	0850026	PT0850031
120.0mm	H = 41.5	0850027	PT0850032
135.0mm	H = 41.5	0850028	PT0850033
150.0mm	H = 41.5	0850029	PT0850034

SPECIAL HANDLES

Description Concealed handle to mount on flaps and doors

Material Mild Steel
304 SS

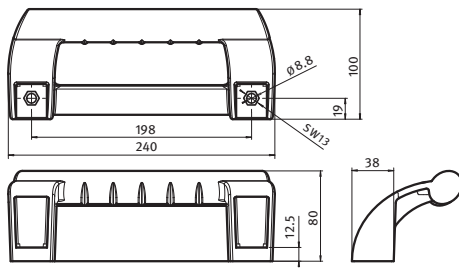
Color Chrome plated



Pocket Pull Handles	Size [mm]	Black	Grey
	45	PTT0890127	PT0890128
	65		PT0890130
	95	PT0890131	PT0890132
	120	PT0890133	PT0890134

MACHINE HANDLE 240

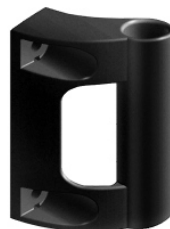
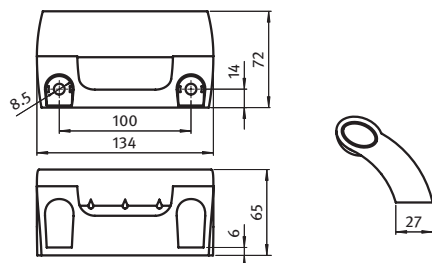
- Description** Large machine handle with ergonomic design and finger protection; to mount on doors, flaps and aluminum profiles; with cover caps
- Material** Nylon PA, glass ball reinforced
- Color** Black
- Fastening** From the front with hexagon cap screws or socket head screws, or from the back using M8 hexagon nuts and bolts
- Specials**  electrostatically conductive, other sizes, other colors on request



Machine handle	for Screw	Weight [g]	Part #
	M8	356.0	PT092008

MACHINE HANDLE 135

- Description** Machine handle with ergonomic design and finger protection; to mount on doors, flaps and aluminum profiles; optional with cover caps
- Material** Nylon PA, glass ball reinforced
- Color** Black
- Fastening** With hexagon cap screws or socket head screws
- Specials**  electrostatically conductive, other sizes, other colors on request



	for Screw	Weight [g]	Part #
Machine handle	M8	114.0	PT092009
Set of cover caps*	-	3.0	PT092010

* Please note: 1 set = 2 pieces

COMFORT HANDLE

Description To mount on doors, flaps and aluminum profiles

Material Nylon PA, glass ball reinforced

Color Black

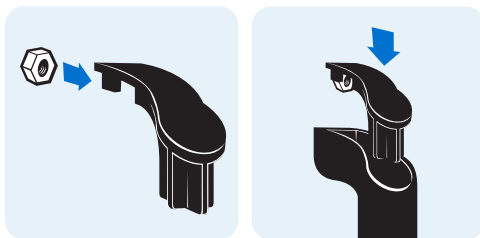
Fastening From the front with hexagon screws
From the back with screws and with nuts inserted into the cover caps

Specials Other colors on request



Comfort Handle		for Screw	for Nut	D [mm]	a [mm]	A [mm]	b [mm]	B [mm]	H [mm]	Weight [g]	Part #
120		M6	-	6.2	142.0	120.0	17.0	20.0	48.0	26.2	PT092300
160		M8	-	8.2	188.0	160.0	27.0	30.0	60.0	53.8	PT092302
200		M8	-	8.2	236.0	200.0	36.0	38.0	75.0	90.6	PT092304
Set of cover caps 120*			M6	-	-	-	-	-	-	4.0	PT092301
Set of cover caps 160*			M8	-	-	-	-	-	-	10.0	PT092303
Set of cover caps 200*			M8	-	-	-	-	-	-	20.0	PT092305

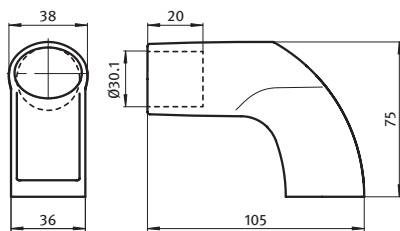
* Please note: 1 set = 2 pieces



END PIECES FOR SYSTEM HANDLE

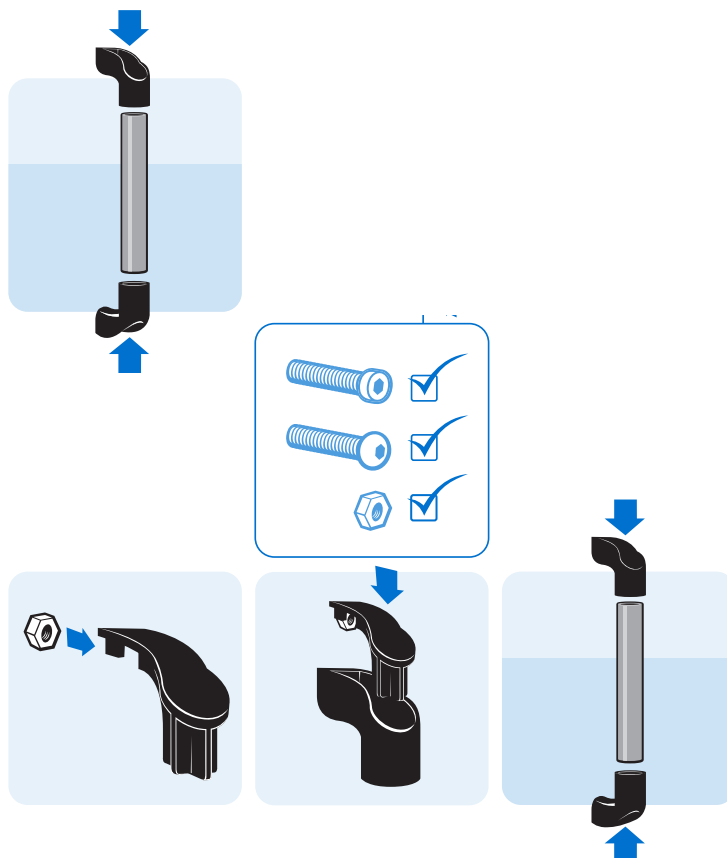
Description To mount on doors, flaps and aluminum profiles**Material** Nylon PA, glass ball reinforced**Color** Black**Fastening** From the front with hexagon screws

From the back with screws and with M8 nuts inserted into the cover caps

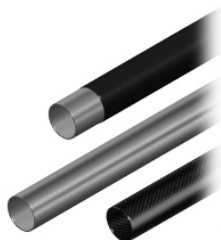
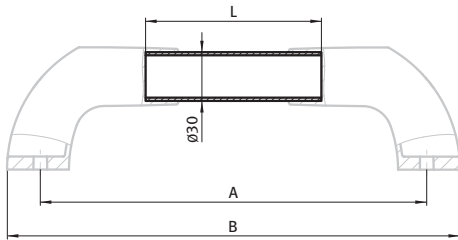
Pack Quantity 10 sets**Specials** Other colors on request

End Pieces for System Handle	for Screw	for Nut	Weight [g]	Part #
Set of end pieces*	M8	-	49.5	PT092013
Set of cover caps*	-	M8	20.3	PT092305

* Please note: 1 set = 2 pieces



TUBES FOR SYSTEM HANDLE

Description for combining with the end pieces**Fastening** End pieces for system handle**Pack Quantity** 10 pieces**Specials** Other surfaces, other colors on request

<i>Tubes for System Handle</i>	A [mm]	L [mm]	B [mm]	Weight [g]	Part #
<i>Carbon fibre, glossy finish</i>	200.0	70.0	240.8	16.0	PT092013C200
	300.0	170.0	340.8	39.0	PT092013C300
	400.0	270.0	440.8	62.0	PT092013C400
	500.0	370.0	540.8	85.0	PT092013C500
	-	2000.0*	-	364.0	PT092013C.2000
<i>Aluminum, anodized</i>	200.0	70.0	240.8	17.0	PT092013A200
	300.0	170.0	340.8	42.0	PT092013A300
	400.0	270.0	440.8	67.0	PT092013A400
	500.0	370.0	540.8	91.0	PT092013A500
	-	2000.0*	-	490.0	PT092013A.2000
<i>Stainless steel</i>	200.0	70.0	240.8	51.0	PT092013E200
	300.0	170.0	340.8	124.0	PT092013E300
	400.0	270.0	440.8	197.0	PT092013E400
	500.0	370.0	540.8	270.0	PT092013E500
	-	2000.0*	-	1400.0	PT092013E.2000
<i>Steel, plastic covered</i>	200.0	70.0	240.8	53.0	PT092013S200
	300.0	170.0	340.8	120.0	PT092013S300
	400.0	270.0	440.8	203.0	PT092013S400
	500.0	370.0	540.8	279.0	PT092013S500
	-	2000.0*	-	1500.0	PT092013S.2000

* for cut to length



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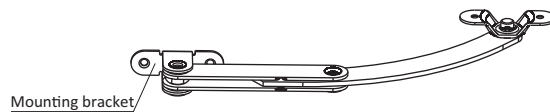
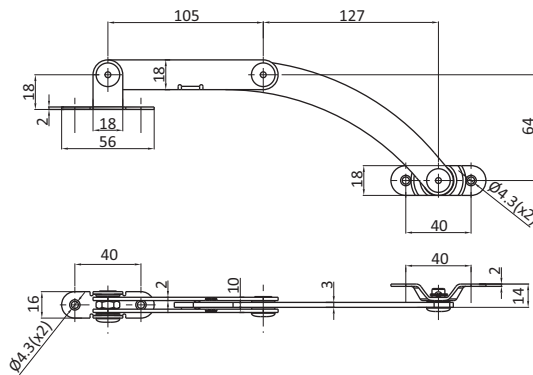
COVER STAYS

Description To hold open flaps and doors

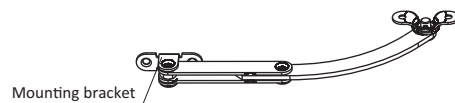
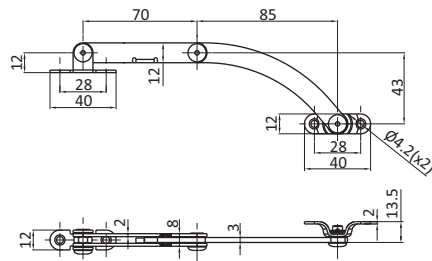
Material Mild steel

Color Nickel plated

Long size

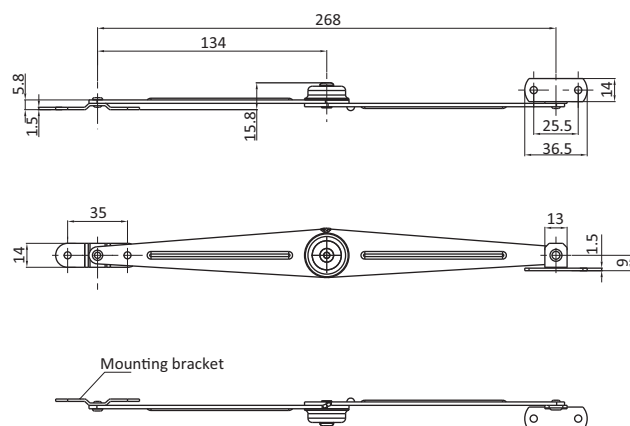


Short size



Cover Stays	L [mm]	Left Opening	Right Opening
	Long Size	PT0850159	PT0850161
	Short Size	PT0850160	PT0850162

COVER STAYS WITH BUTTON

Description To hold open flaps and doors**Material** Mild steel**Color** Nickel plated

Cover Stays With Button

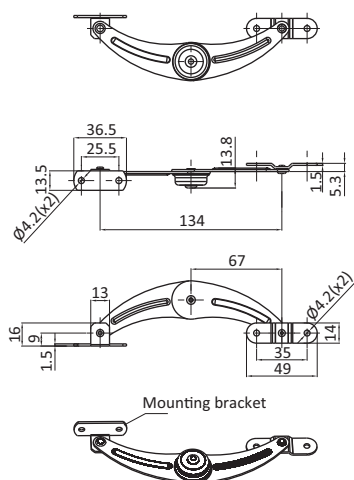
Left Opening

Right Opening

PT0850163

PT0850164

COVER STAYS WITH BUTTON

Description To hold open flaps and doors**Material** Mild steel**Color** Nickel plated

Cover Stays With Button

Left Opening

Right Opening

PT0813481

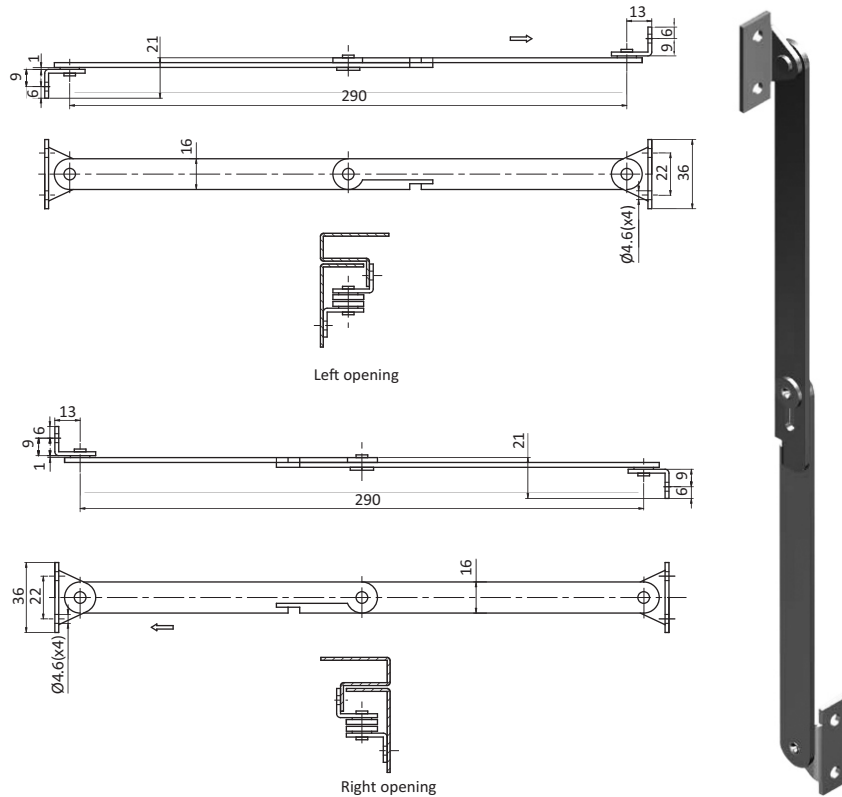
PT0813482

COVER STAYS

Description To hold open flaps and doors

Material Mild Steel
304 SS

Color Nickel plated

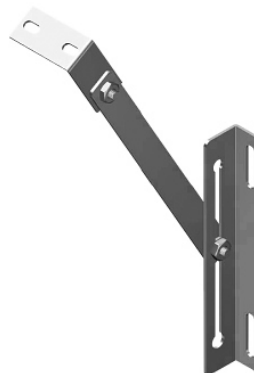
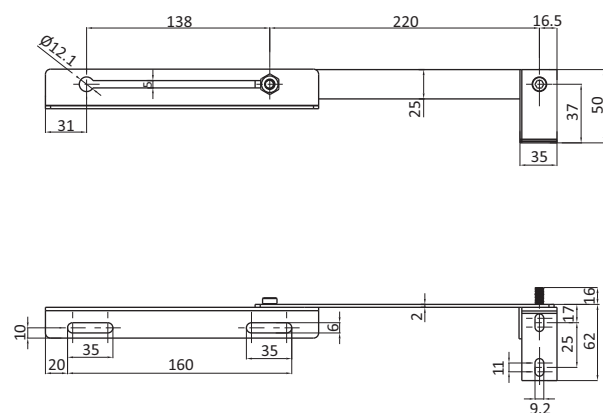


Cover Stays	Material	Left Opening	Right Opening
	Mild Steel	PT0890011	PT0890010
	304 SS	PT0890014	PT0890015

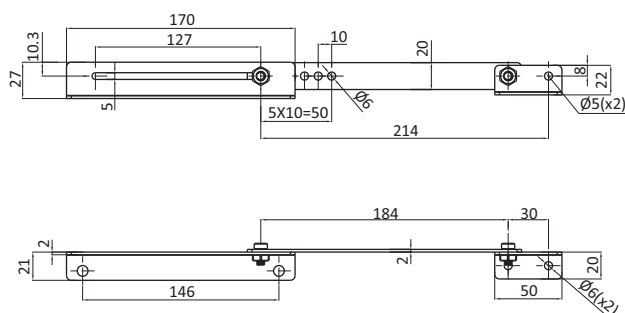
DOOR STAYS / WIND STOPS

Description To hold open doors**Material** Mild Steel
304 SS**Color** Nickel plated

Long size



Short size



Door Stays / Wind Stops

Material

Long Size

Short Size

Mild Steel

PT0890020

PT0890022

304 SS

PT0890021

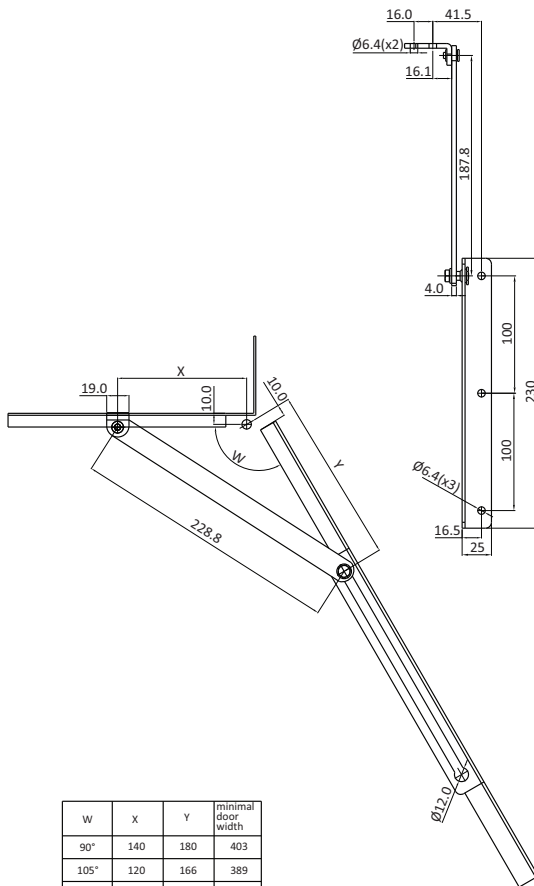
PT0890023

DOOR STAYS / WIND STOPS

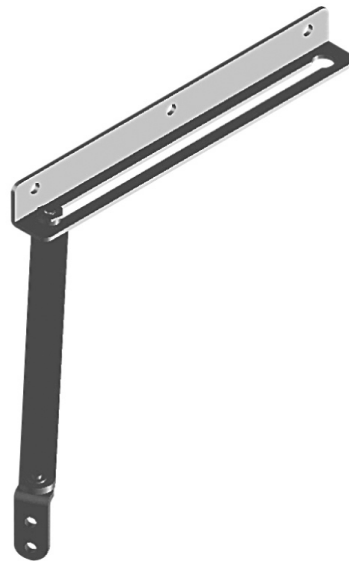
Description To hold open doors

Material	Mild Steel 304 SS
-----------------	----------------------

Color Zinc plated



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



Door Stays / Wind Stops

Material

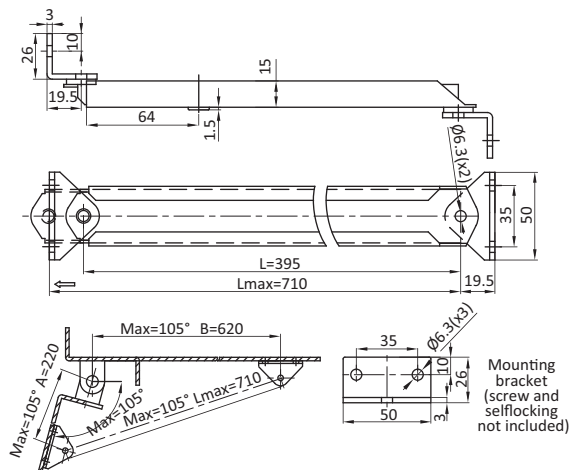
Part

Mild Steel	PT0890006
304 SS	PT0813022

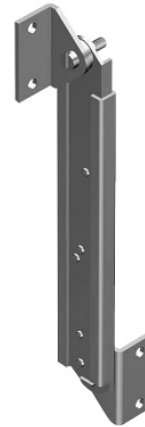
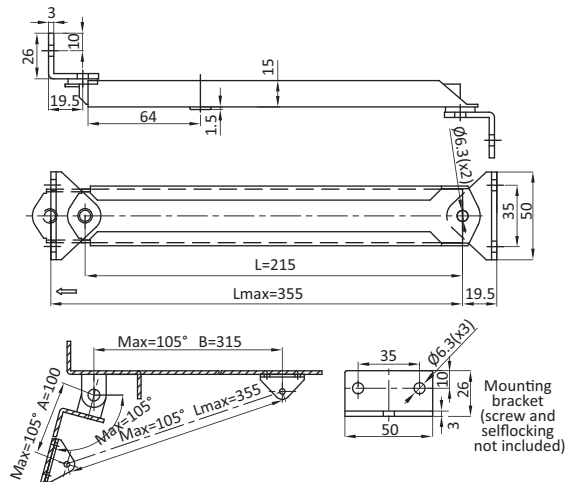
TELESCOPIC COVER STAYS

Description To hold open flaps and doors**Material** Mild Steel
304 SS**Color** Zinc plated

Long size



Short size



Telescopic Cover Stays

Version

Part

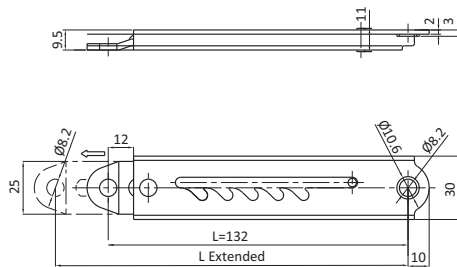
long

PT0890024

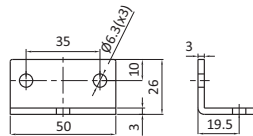
short

PT0890025

COVER STAY SHORT

Description To hold open flaps and doors**Material** Mild Steel**Color** Zinc plated

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



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



Cover Stay Short

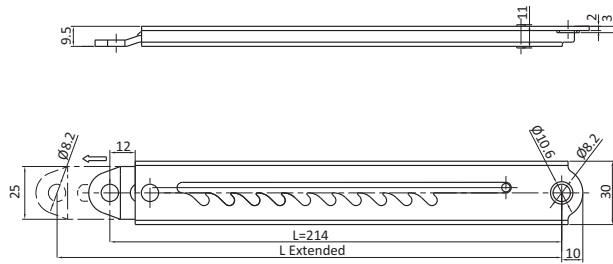
Number of Stops

Part #

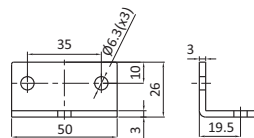
5

PT0890026

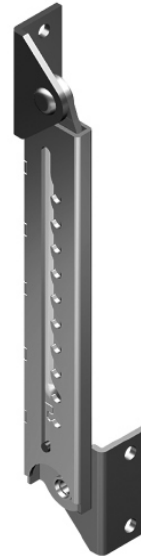
COVER STAY LONG

Description To hold open flaps and doors**Material** Mild Steel**Color** Zinc plated

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



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



Cover Stay Long

Number of Stops

Part #

10

PT0890136

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PT087EPE04721	216	PT095A2525R	125	PT095KF3030F00	124	PT093166SW	214	PT0810065	56
PT087EPE04731	216	PT095A3030F	125	PT095KF3535F00	124	PT093169	214	PT0810066	56
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PT087SPES08911	223	PT095A6060L	125	PT089202	61	PT095010S01	140	PT0810093S01	57
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PT0850129	158	PT0880041	95	PT0890065	117	PT0890145	236		

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