

ACCESS HARDWARE





COMPRESSION LATCHES524 - 537



QTR-TURN & SPRING LOADED CAM LATCHES..... 538 - 567



SWINGHANDLE LATCHES 568 - 579



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ACCESS HARDWARE

ACCESS SOLUTIONS

Whatever your project demands, we can help with a comprehensive range of high-quality Access Hardware and custom solutions for all your application requirements.

With free CAD's, samples and specialist advice available, there is no better choice for your solutions provider.



Our expertise ranges across multiple industries, supported by outstanding customer service. We can reduce your lead times, and provide custom solutions to help you achieve your business goals.

INDUSTRIES



Indoor & Outdoor Cabinets



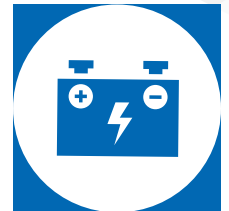
IT Cabinets



Transformers



Industrial Machinery



Power Generators



HVAC



Road Transportation



Rail Transportation



Food Industry



Diversified Applications

CUSTOM SOLUTIONS

Sometimes you may not find the perfect solution amongst our portfolio of standard products. You may require a small variation, an alternative color, material or size.

Talk to our in-house team of design engineers and work directly with our R&D and manufacturing centers to create a custom solution to meet your needs.

We utilize 3D printing technology to showcase our designs which ensures your Specifications: are met and assists in expediting lead times from quotation to delivery.



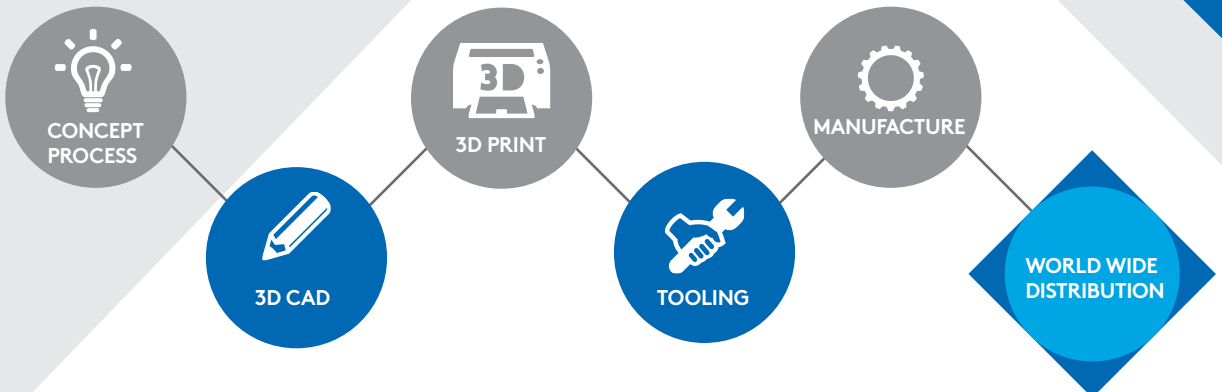
Capabilities

- Design custom products
- Range of color choices
- Customer logo requirement



R&D

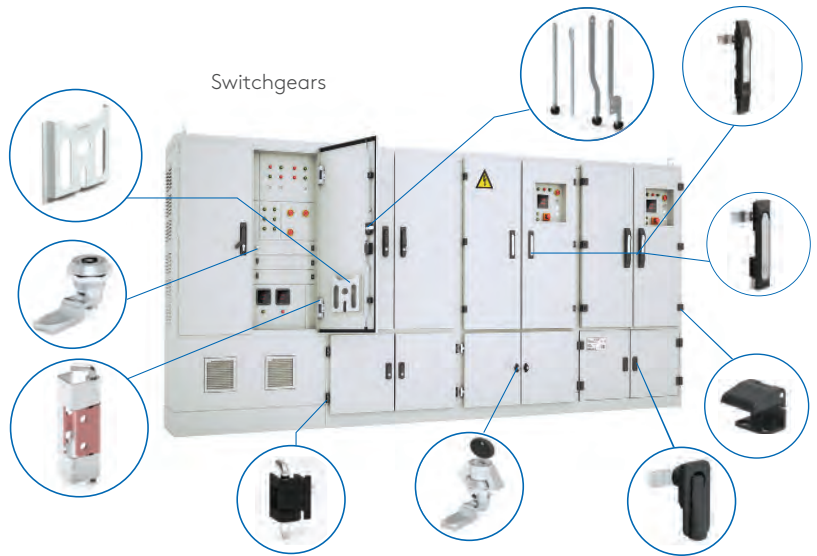
Facilitated by our state of the art R&D facilities we are constantly pursuing innovation to offer new and alternative solutions to you and your customers everyday problems.





Indoor Cabinets

Essentra Components has an extensive range of secure switchgears, primarily for use on indoor cabinets. The range covers Swinghandles, Linear Locking Systems, 3 Point Locking Systems, Multipoint Locking systems, QuarterTurns, Camlocks, Hinges, Gaskets, and Project Holders.



Outdoor Cabinets

Specialist cabinet locks are required for a variety of applications not limited to ADSL, Telecommunication and CCTV applications. We offer a wide range of products in this sector including high security 1/2 din locks and WK2 standard locks.



YOUR SOLUTIONS PARTNER



IT Cabinets

With sensitive data becoming more and more prevalent, it's now more important than ever to securely manage your electronic cabinets. We've designed a range of high-tech Electromechanical Locking Systems to help monitor and track internal environments and entry to cabinets.



Power Generators

Our eclectic product range means we've got a solution no matter how complex your needs. With our customer-centric designs, alternative solutions and our high-standard products, we can meet all your needs for both basic and sound proof canopies.



Transformers

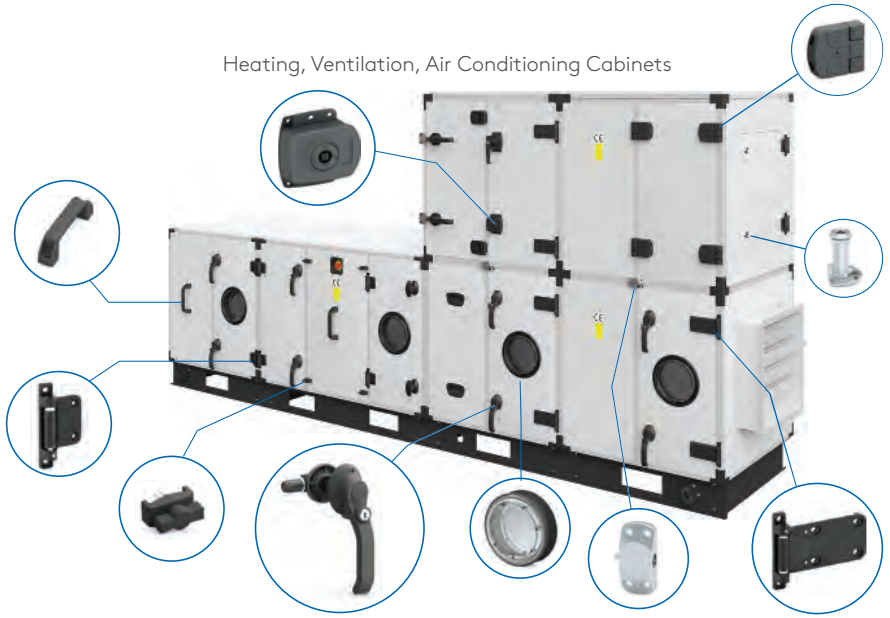
When working with transformers, it's important that all entry points are kept secure, particularly areas that contain medium voltage cells. Our solutions are high quality and secure, including hinges and locks designed for containment resistant requirements.



HVAC

Outdoor HVAC cabinets need to cope with the differing environments in which they are used while ergonomics, functionality and modular system solutions are more common requirements. Our solutions are designed with this in mind so no matter the application, our offering will meet your needs.

Heating, Ventilation, Air Conditioning Cabinets



Diversified Applications

Our expertise spans across many industries, allowing catered solutions to be produced for a number of non-standard applications.

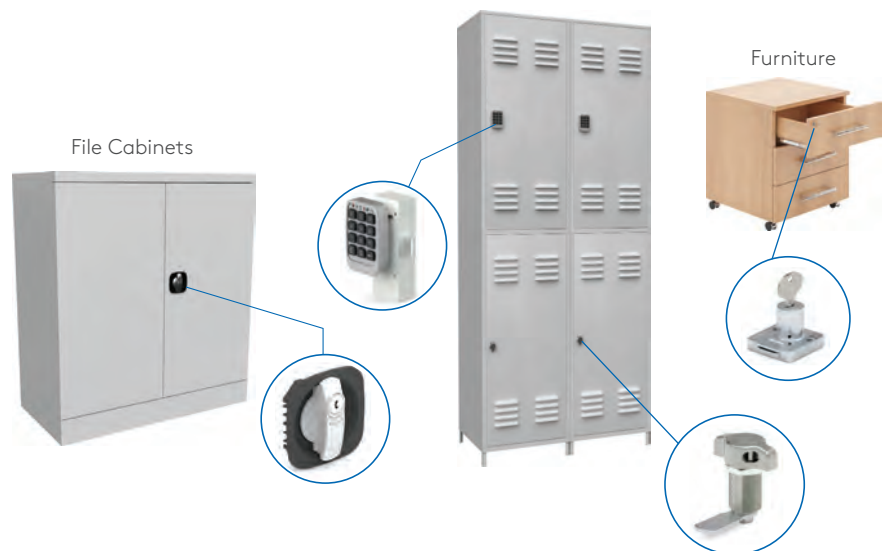
Tool Cabinets



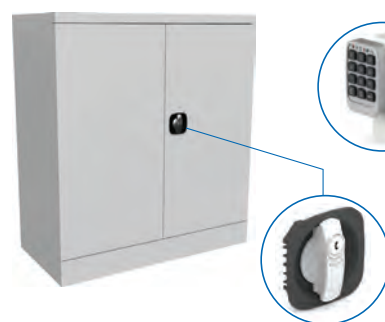
Fire Extinguisher



Lockers



File Cabinets



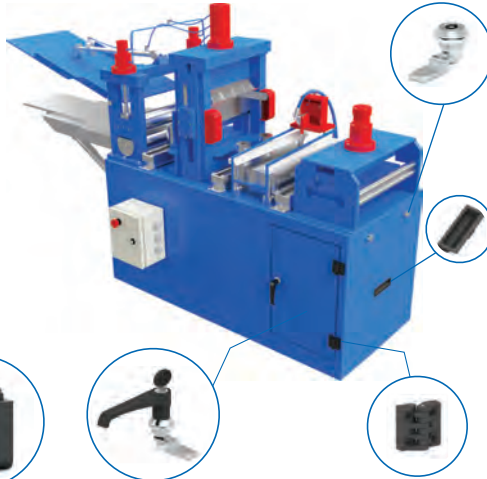
Furniture



YOUR SOLUTIONS PARTNER

Miscellaneous Machines

Compressors



Construction Machinery



RVs



Buses



Trucks



Utility Trucks



Subway Trains



High Speed Trains



Industrial Machinery

Whether you're building indoor or outdoor machines, sealing, noise isolation and vibration reduction are some of your most important considerations.

Essentra Components offers a wide range of solutions designed to meet your specific requirements.



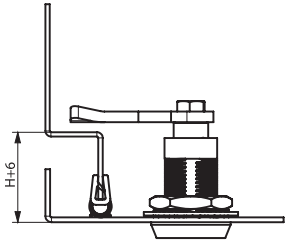
Road Transportation

We produce solutions for HGVs, utility trucks, caravans, construction machinery, and buses. Our range is specifically catered to the needs of these applications, offering paddle latches, quarter turn locks and latches, custom hinges, sealing products, and many other functional solutions.

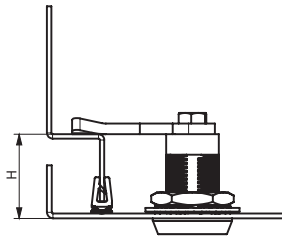


Rail Transportation

Suitable for both subway trains and high speed trains our compression latches, are certified to DIN EN 60068-2-64 [04/2011]. Many of our sealing products, trigger latches and heavy duty hinges are also UL 94 certified.

**FIXED COMPRESSION LATCHES****040 Series****Fixed Compression Latches & Locks**

The first 90° of key rotation turns the cam to locking position



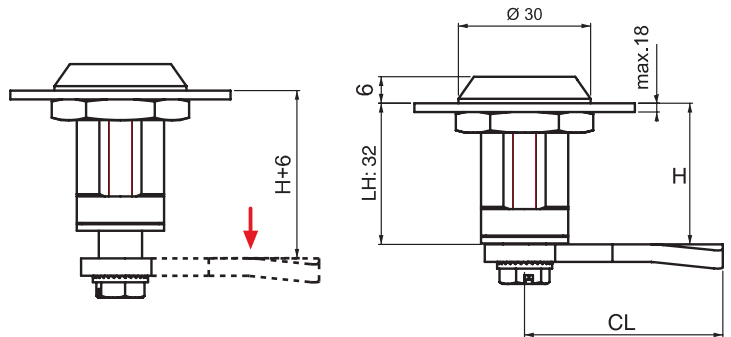
Further key rotation 180° applies 6 mm compression

**Specifications:**

- Material:
- Housing: Zinc Alloy
- Driver: Zinc Alloy
- Cam: Steel
- Washer: Rubber
- Finish: See Table

Features:

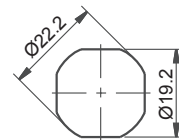
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN-EN 61373
- Housing and driver is DIN-EN 1774 rated
- Latch provides good compression and noise isolation
- Alternate cut-out available, contact Essentra for details



- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGE 592 - 593.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

**Round Spurred Lock Washer - Optional**

- Item No. 060A3
- Ideal for round through hole installation
- Ordered separately

**Cut-Out**

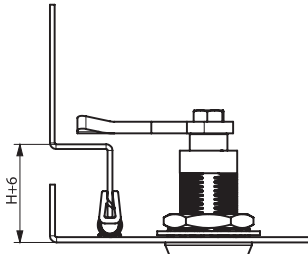
Driver Style					
13	37	42	68	93	94
3mm Double Bit	7mm Triangle	2 x 4mm Slot	8mm Hex	Tubular Key	Wing Knob

Item No.	Finish	Driver Style	Driver Description	Hand Operation
0403111300001	Chrome Plated	13	3mm Double Bit	Right
0403111300002	Chrome Plated	13	3mm Double Bit	Left
0403113700001	Chrome Plated	37	7mm Triangle	Right
0403113700002	Chrome Plated	37	7mm Triangle	Left
0403114200001	Chrome Plated	42	2 x 4mm Slot	Right
0403114200002	Chrome Plated	42	2 x 4mm Slot	Left
0403116800001	Chrome Plated	68	8mm Hex	Right
0403116800002	Chrome Plated	68	8mm Hex	Left
0403119300001	Chrome Plated	93	Tubular Key	Right
0403119300002	Chrome Plated	93	Tubular Key	Left
0403119400001	Chrome Plated	94	Wing Knob	Right
0403119400002	Chrome Plated	94	Wing Knob	Left
0403121300001	Black Powder Coated	13	3mm Double Bit	Right
0403121300002	Black Powder Coated	13	3mm Double Bit	Left
0403123700001	Black Powder Coated	37	7mm Triangle	Right
0403123700002	Black Powder Coated	37	7mm Triangle	Left
0403124200001	Black Powder Coated	42	2 x 4mm Slot	Right
0403124200002	Black Powder Coated	42	2 x 4mm Slot	Left
0403126800001	Black Powder Coated	68	8mm Hex	Right
0403126800002	Black Powder Coated	68	8mm Hex	Left
0403129300001	Black Powder Coated	93	Tubular Key	Right
0403129300002	Black Powder Coated	93	Tubular Key	Left
0403129400001	Black Powder Coated	94	Wing Knob	Right
0403129400002	Black Powder Coated	94	Wing Knob	Left

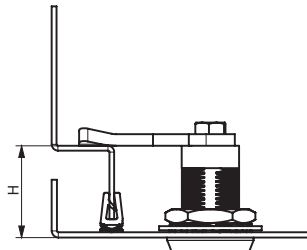
FIXED COMPRESSION LATCHES



040 Series Fixed Compression Latches & Locks - Stainless Steel



The first 90° of key rotation turns the cam to locking position



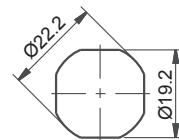
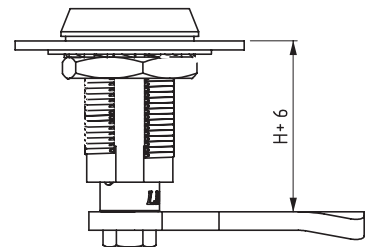
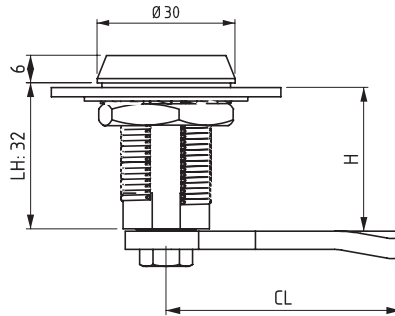
Further key rotation 180° applies 6mm compression

Specifications:

- Material:
Housing: Stainless Steel
Driver: Stainless Steel
Cam: Stainless Steel
Washer: Rubber
- Finish: Natural
- Includes Lock Washer

Features:

- Latch provides good compression, noise dampening and better sealing under vibration conditions
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN-EN 61373
- Housing and driver is DIN-EN 1774 rated
- Alternate cut-out available, contact Essentra for details



Cut-Out

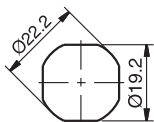
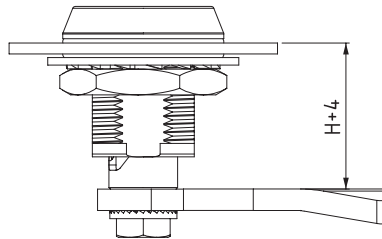
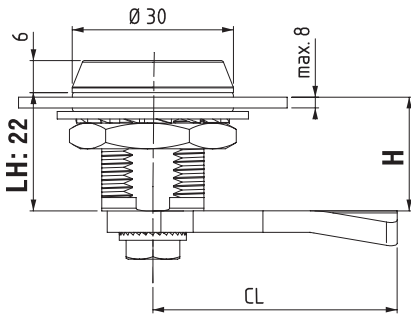
- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGE 594.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Driver Style				
13	28	37	42	88
3mm Double Bit	8mm Square	7mm Triangle	2 x 4mm Slot	Railway

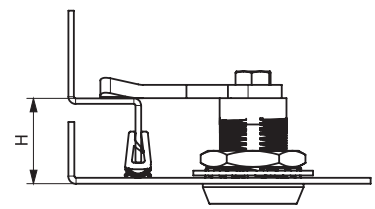
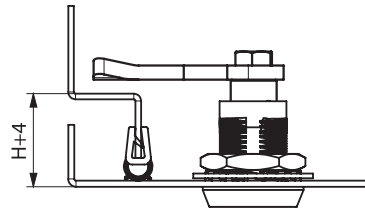
Item No.	Driver Style	Driver Description	Hand Operation
0408401300001	13	3mm Double Bit	Right
0408401300002	13	3mm Double Bit	Left
0408402800001	28	8mm Square	Right
0408402800002	28	8mm Square	Left
0408403700001	37	7mm Triangle	Right
0408403700002	37	7mm Triangle	Left
0408404200001	42	2 x 4mm Slot	Right
0408404200002	42	2 x 4mm Slot	Left
0408408800001	88	Railway	Right
0408408800002	88	Railway	Left

**FIXED COMPRESSION LATCHES & LOCKS - SHORT HOUSING****540 Series**

Fixed Compression Latches & Locks - Short Housing



Cut-Out



Specifications:

- Material:
Housing: Stainless Steel (AISI 316)
Driver: Same as housing
Cam: Stainless Steel
Gasket: Rubber
- Provides 4 mm preset compression
- Lock is vibration and shock rated per DIN EN 61373
- Two keys supplied with every lock

Features:

- Latch provides good compression, noise dampening and better sealing under vibration condition
- When key is turned to 90° cam turns to locking position
- When key is turned to 180° cam turns to fixing position

The first 90° of key rotation turns the cam to locking position

Further key rotation 180° applies 4 mm compression

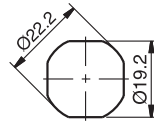
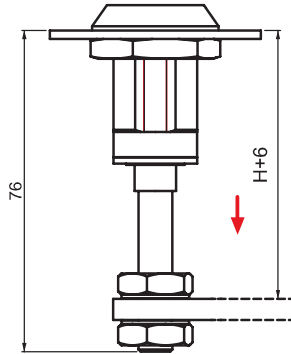
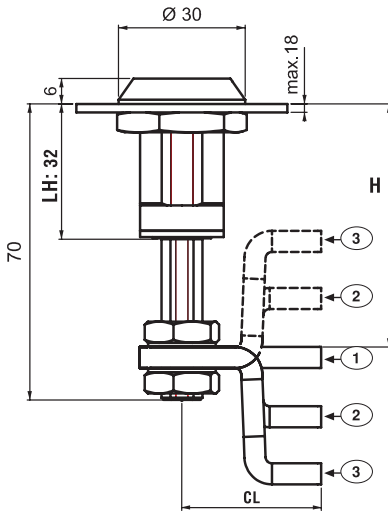
Driver Style		
13	28	38
3mm Double Bit	8mm Square	8mm Triangle

Item No.	Driver Style	Driver Description	Hand Operation
5403401300001	13	3mm Double bit	Right
5403401300002	13	3mm Double bit	Left
5403402800001	28	8 mm Square	Right
5403402800002	28	8 mm Square	Left
5403403800001	38	8 mm Triangle	Right
5403403800002	38	8 mm Triangle	Left

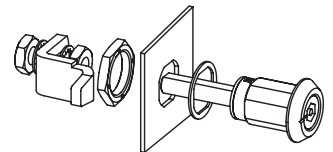
ADJUSTABLE COMPRESSION LATCHES



040 Series Adjustable Compression Latches & Locks



Cut-Out



Specifications:

- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Cam: Steel
Washer: Rubber
- Finish: See Table

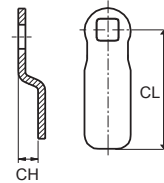
Features:

- Wide Grip range with adjustable screw
- Latch provides good compression, noise dampening and better sealing under vibration condition
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN-EN 61373
- Housing and driver is DIN-EN 1774 rated
- Alternate cut-out available, contact Essentra for details

Cams Without Stoppers

Specifications:

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm



- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. See Table >>**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**



Round Spurred Lock Washer - Optional

- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30403565	① Flat	0	33	Cam Straight	41	58
30403566	② Offset	14	33	Reversed	27	44
				Forward	55	72
30403567	③ Offset	27.5	33	Reversed	13.5	30.5
				Forward	68	85

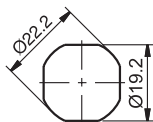
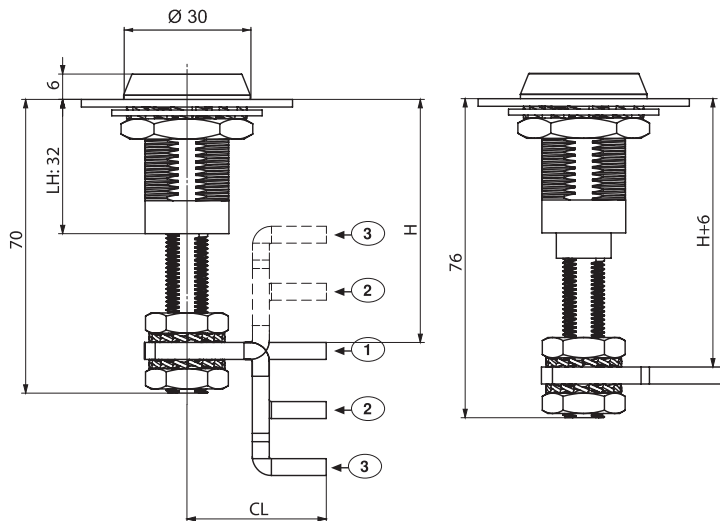
*Grip is measured in latched position

Driver Style						
13	27	37	42	68	93	94
3mm Double Bit	7mm Square	7mm Triangle	2 x 4mm Slot	8mm Hex	Tubular Key	Wing Knob

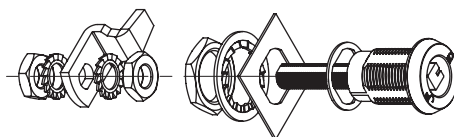
Item No.		Driver Style	Driver Description	Hand Operation
Chrome Plated	Black Powder Coated			
—	0404121300001	13	3mm Double Bit	Right
0404111300002	0404121300002	13	3mm Double Bit	Left
—	0404122700001	27	7mm Square	Right
—	0404122700002	27	7mm Square	Left
—	0404123700001	37	7mm Triangle	Right
—	0404123700002	37	7mm Triangle	Left
—	0404124200001	42	2 x 4mm Slot	Right
—	0404124200002	42	2 x 4mm Slot	Left
0404116800001	0404126800001	68	8mm Hex	Right
0404116800002	0404126800002	68	8mm Hex	Left
0404119300001	0404129300001	93	Tubular Key	Right
0404119300002	0404129300002	93	Tubular Key	Left
0404119400001	0404129400001	94	Wing Knob	Right
0404119400002	0404129400002	94	Wing Knob	Left

**ADJUSTABLE COMPRESSION LATCHES****040 Series**

Adjustable Compression Latches & Locks - Stainless Steel



Cut-Out



Specifications:

- Material:
 - Housing: Stainless Steel
 - Driver: Same as housing
 - Cam: Stainless Steel
 - Washer: Rubber
- Finish: Natural

Features:

- Wide Grip range with adjustable screw
- Ideal for applications that require better sealing under vibration conditions
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN-EN 61373
- Housing and driver is DIN-EN 1774 rated
- Alternate cut-out available, contact Essentra for details

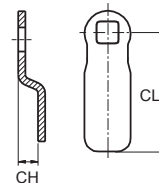
⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.

⚠ CAMS SOLD SEPARATELY. See Table >>

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598. *Grip is measured in latched position

Cams Without Stoppers

- Material: Stainless Steel
- Finish: Natural
- Thickness: 4mm



Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30405565	① Flat	0	33	Cam Straight	41	58
				Reversed	27	44
30405566	② Offset	14	33	Forward	55	72
				Reversed	13.5	30.5
30405567	③ Offset	27.5	33	Forward	68	85
				Reversed	13.5	30.5

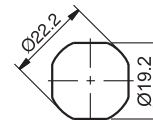
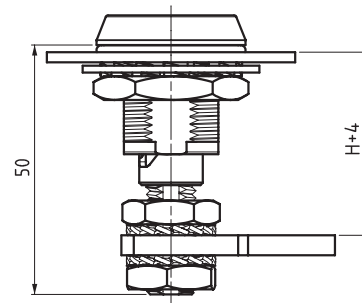
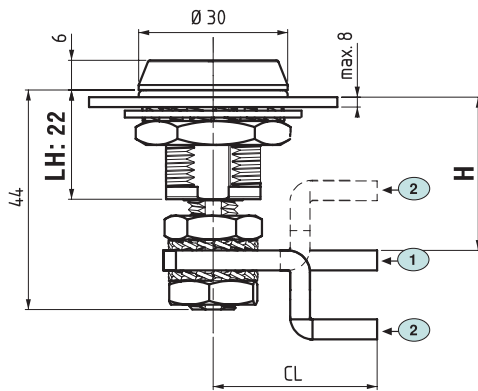
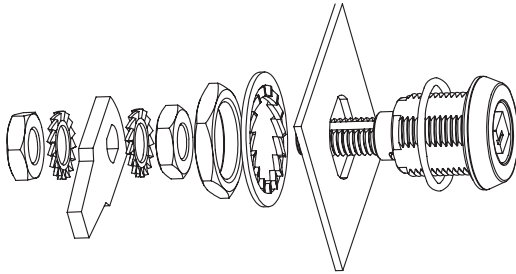
Driver Style				
13	28	37	42	88
3mm Double Bit	8mm Square	7mm Triangle	2 x 4mm Slot	Railway

Item No.	Driver Style	Driver Description	Hand Operation
0406401300001	13	3mm Double Bit	Right
0406401300002	13	3mm Double Bit	Left
0406402800001	28	8mm Square	Right
0406402800002	28	8mm Square	Left
0406403700001	37	7mm Triangle	Right
0406403700002	37	7mm Triangle	Left
0406404200001	42	2 x 4mm Slot	Right
0406404200002	42	2 x 4mm Slot	Left
0406408800001	88	Railway	Right
0406408800002	88	Railway	Left



FIXED COMPRESSION LATCHES & LOCKS - SHORT HOUSING

540 Series
Fixed Compression Latches & Locks - Short Housing



Cut-Out

Specifications:

- Material:
Housing: Stainless Steel (AISI316)
Driver: same as housing (AISI 316)
Cam: Stainless Steel (AISI304)
Gasket: Rubber
Nut: Stainless Steel (AISI304)
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN EN 61373
- Two keys supplied with every lock

Features:

- Latch provides good compression, noise dampening and better sealing under vibration condition
- When key is turned to 90° cam turns to locking position
- When key is turned to 180° cam turns to fixing position

- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. See Table >>**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30405565	① Flat	0	33	Cam Straight	41	58
30405566	② Offset	14	33	Reversed	27	44
				Forward	55	72

Driver Style		
13	28	38
3mm Double Bit	8mm Square	8mm Triangle

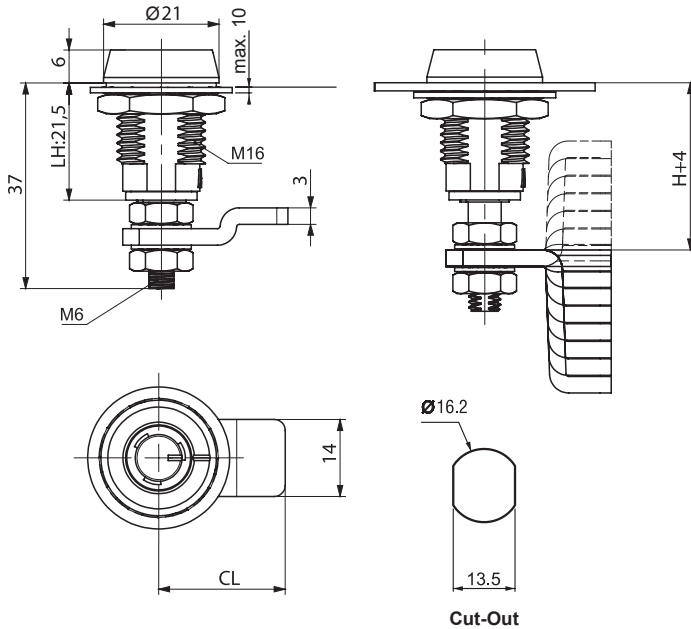
Item No.	Driver Style	Driver Description	Hand Operation
5404401300001	13	3mm Double bit	Right
5404401300002	13	3mm Double bit	Left
5404402800001	28	8 mm Square	Right
5404402800002	28	8 mm Square	Left
5404403800001	38	8 mm Triangle	Right
5404403800002	38	8 mm Triangle	Left



MINI ADJUSTABLE COMPRESSION LATCHES

140 Series

Mini Adjustable Compression Latches & Locks



Specifications:

- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated

Features:

- Wide Grip range with adjustable screw
- Ideal for applications that require better sealing
- Provides 4mm preset compression
- Applicable cams are without stoppers



Dust Cap - Optional

- Item No. 140A1
- Ordered separately

⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.

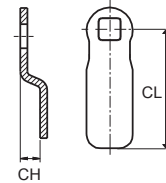
⚠ CAMS SOLD SEPARATELY. See Table >>

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

Cams Without Stoppers

Specifications:

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm



Item No.	LH	CH Cam Height		CL Cam Length		H Grip*			
		mm	in	mm	in	Min	Max	mm	in
30400606	21.5	0.0	0.000	23.0	0.906	26.2	1.031	29.4	1.157
30403607	21.5	1.0	0.039	23.0	0.906	25.2	0.992	28.4	1.118
30403608	21.5	3.8	0.150	23.0	0.906	22.4	0.882	25.6	1.008
30403609	21.5	7.0	0.276	23.0	0.906	19.2	0.756	22.4	0.882
30403610	21.5	10.2	0.402	23.0	0.906	16.0	0.630	19.2	0.756
30403611	21.5	13.4	0.528	23.0	0.906	12.8	0.504	16.0	0.630
30403612	21.5	16.6	0.654	23.0	0.906	9.6	0.378	12.8	0.504
30403613	21.5	19.8	0.780	23.0	0.906	6.4	0.252	9.6	0.378
30403614	21.5	23.0	0.906	23.0	0.906	3.2	0.126	6.4	0.252

*Grip is measured in latched position

Driver Style

45	64	93	94
Slot	4mm Hexagon	Tubular Key	Wing Knob

Item No.

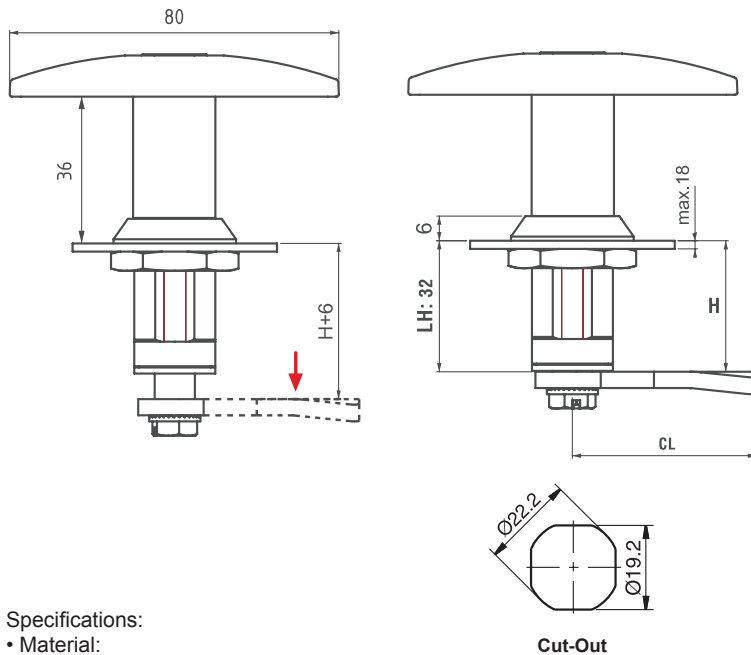
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Stainless Steel	Driver Style	Driver Description
140114500	140124500	• 140404500	45	Slot
140116400	140126400	• 140406400	64	4mm Hexagon
140119300	140129300	• 140409300	93	Tubular Key
140119400	140129400	-	94	Wing Knob

COMPRESSION LATCHES - T HANDLE FIXED



240 Series

Compression Latches - 'T' Handle Fixed Locks



Specifications:

- Material:
Housing: Zinc Alloy
Handle: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and Handle are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Ideal for applications that require better sealing
- For alternate cut-outs or cylinders, please contact Essentra for details

⚠ CAMS SOLD SEPARATELY. SEE PAGE 592 - 593.

**Round Spurred Lock Washer - Optional**

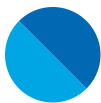
- Item No. 060A3
- Ideal for round through hole installation
- Ordered separately

Item No.			Cylinder Description
Chrome Plated	Black Powder Coated		
2403110000	2403120000		No Cylinder
2403110700	2403120700		CH 751 (Stainless Steel Shutter)

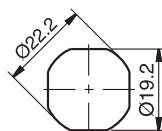
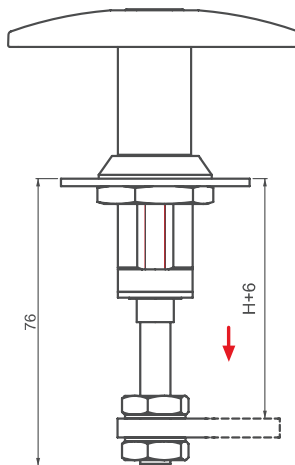
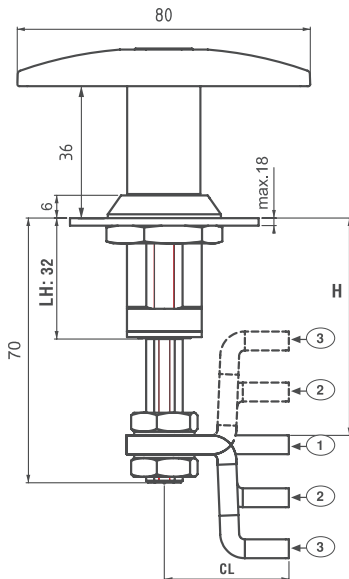


CUSTOM SOLUTIONS AVAILABLE

Our expertise ranges across multiple industries, supported by outstanding customer service. We can reduce your lead times and provide custom solutions and advice to help you achieve your business goals.

**COMPRESSION LATCHES - T HANDLE ADJUSTABLE****240 Series**

Compression Latches - Adjustable 'T' Handle Locks



Cut-Out

Specifications:

- Material:
- Housing: Zinc Alloy
- Handle: Zinc Alloy
- Cam: Steel
- Gasket: Rubber
- Finish: See Table
- Housing and Handle are DIN-EN 1774 rated
- Two keys supplied with every lock

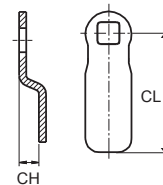
Features:

- Wide Grip range with adjustable nut
- Ideal for applications that require better sealing
- Adjustable screw latches with quarter turn Cam operation
- Provides 6mm preset compression
- For alternate cylinders, please contact Essentra for details

▲ CAMS SOLD SEPARATELY. See Table >>**Cams Without Stoppers**

Specifications:

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

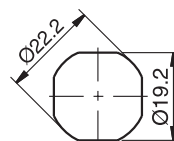
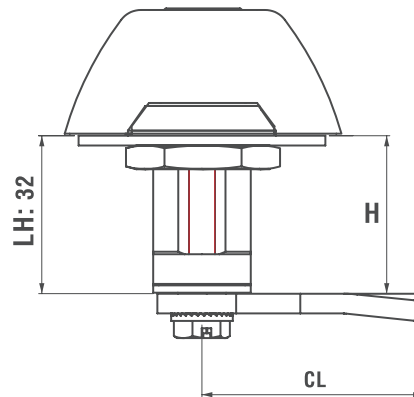
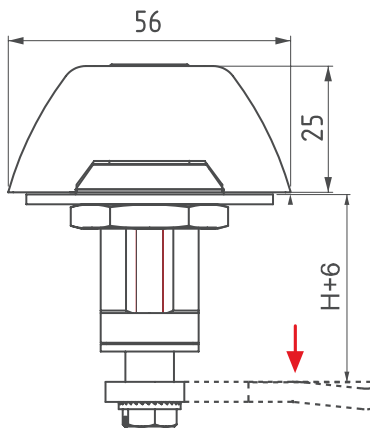


Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30403565	① Flat	0	33	Cam Straight	41	58
30403566	② Offset	14	33	Reversed	27	44
				Forward	55	72
30403567	③ Offset	27.5	33	Reversed	13.5	30.5
				Forward	68	85

*Grip is measured in latched position

Item No.		Cylinder Description
Chrome Plated	Black Powder Coated	No Cylinder
2404110000	2404120000	
2404110700	2404120700	CH 751 (Stainless Steel Shutter)

COMPRESSION LATCHES - WING KNOB FIXED


340 Series
 Compression Latches - Wing Knob Fixed Locks


Cut-Out

Specifications:

- Material:
Housing: Zinc Alloy
Knob: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and Knob are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

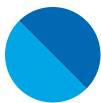
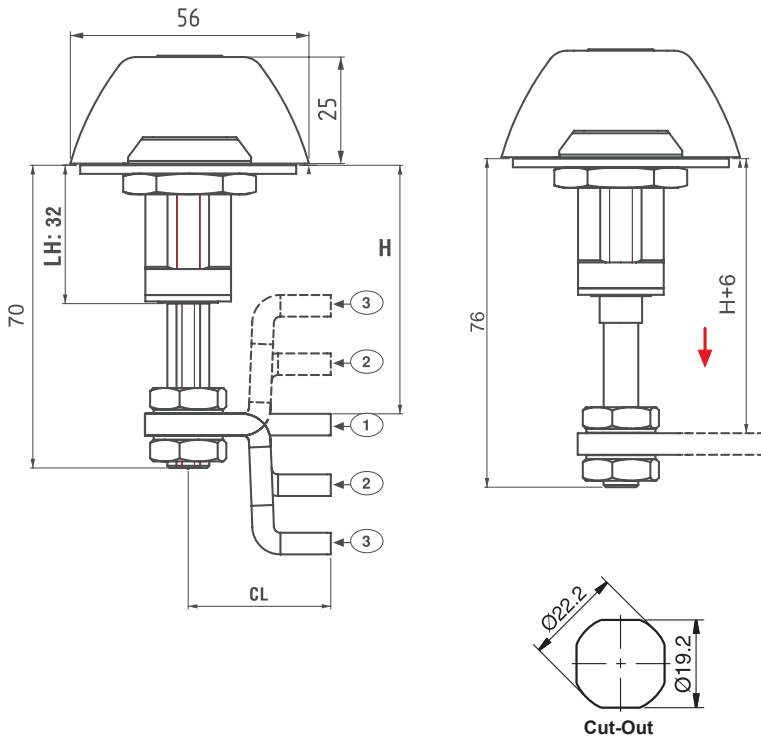
- Ideal for applications that require better sealing
- Provides 6mm preset compression
- For alternate cut-outs, cylinders or padlockable version, please contact Essentra for details

▲ CAMS SOLD SEPARATELY. SEE PAGE 592 - 593.

**Round Spurred Lock Washer - Optional**

- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

Item No.		
Chrome Plated	Black Powder Coated	Cylinder Description
3403110000	3403120000	No Cylinder
3403110700	3403120700	CH 751 (Stainless Steel Shutter)

**COMPRESSION LATCHES - WING KNOB ADJUSTABLE****340 Series****Compression Latches - Wing Knob Adjustable Locks****Specifications:**

- Material:
Housing: Zinc Alloy
Knob: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and Knob are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Ideal for applications that require better sealing
- Adjustable screw latches with quarter turn CAM operation
- Provides 6mm preset compression
- For alternate cut-outs, cylinders or padlockable version, please contact Essentra for details

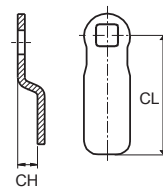
⚠ CAMS SOLD SEPARATELY. See Table >>

**Round Spurred Lock Washer - Optional**

- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

Cams Without Stoppers**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm



Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30403565	① Flat	0	33	Cam Straight	41	58
30403566	② Offset	14	33	Reversed	27	44
				Forward	55	72
30403567	③ Offset	27.5	33	Reversed	13.5	30.5
				Forward	68	85

Item No.**Chrome Plated**

3404110000

3404110700

Black Powder Coated

3404120000

3404120700

Cylinder Description

No Cylinder

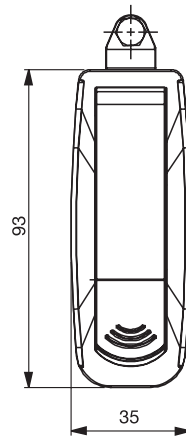
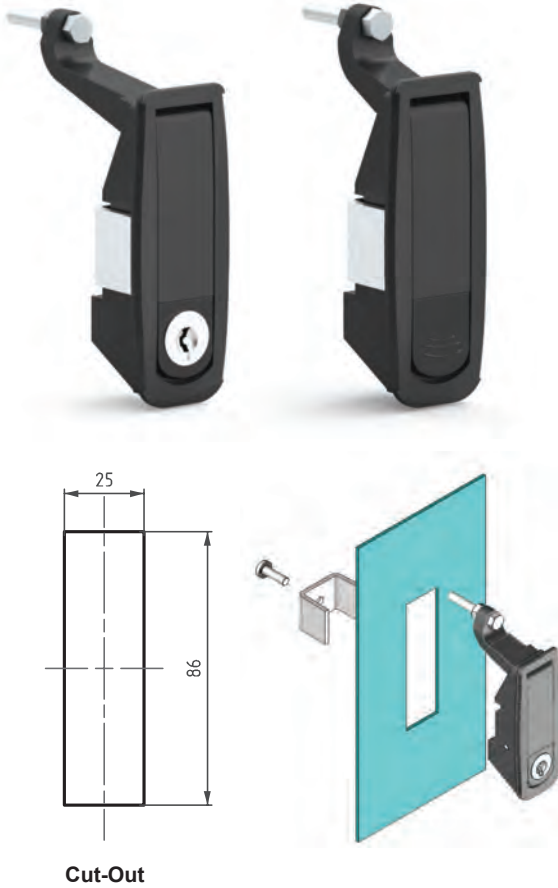
CH 751 (Stainless Steel Shutter)



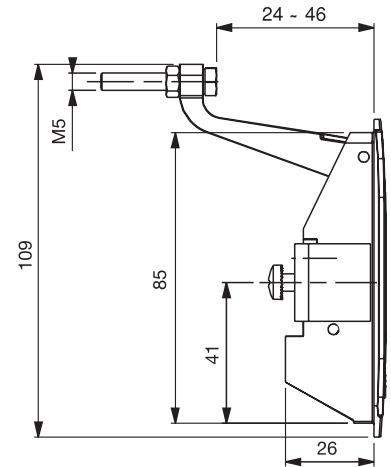
COMPRESSION LATCHES - FLUSH TRIGGER LOCKS

077 Series

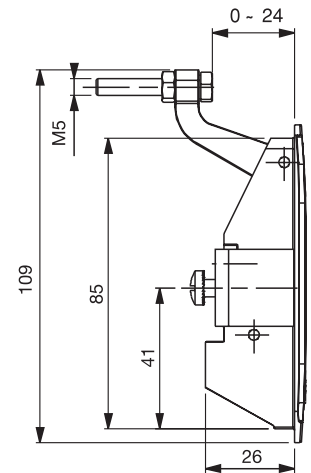
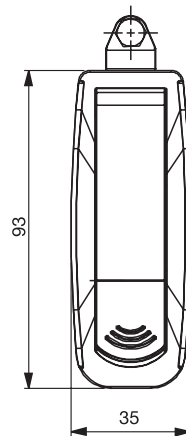
Compression Latches / Flush Trigger Locks



Version 1



Version 2



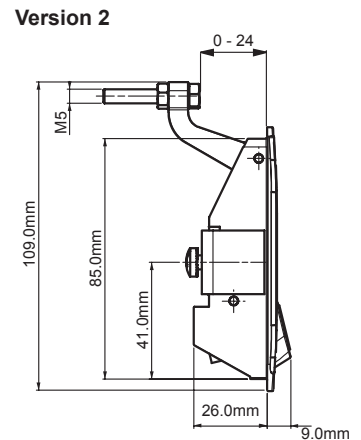
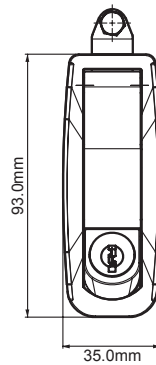
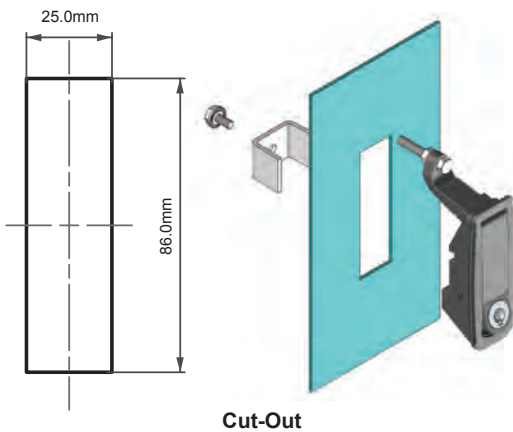
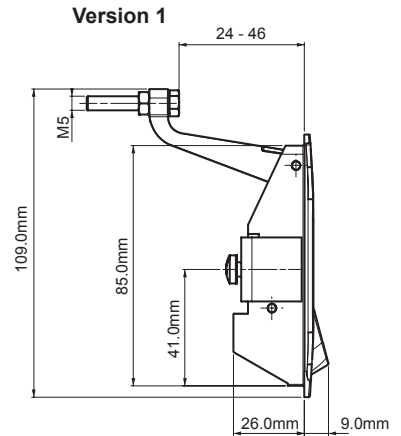
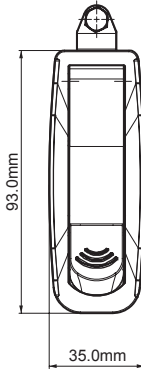
Specifications:

- Material:
 - Body: Zinc Alloy
 - Handle: Zinc Alloy
 - Installation Bracket: Steel
- Finish: See Table
- Housing and Knob Compliant to DIN-EN 1774 (Zinc Alloy)
- Two keys supplied with every lock

Features:

- Flush style trigger design
- Available with or without cylinders
- Suitable for 2mm door thickness (Maximum)

Item No.	Finish	Version	Grip Adjustment		Cylinder or Driver	Cylinder / Driver Description
			mm			
0771100	Chrome Plated	1	24 - 46		Cylinder	No Cylinder
0772100	Chrome Plated	2	0 - 24		Cylinder	No Cylinder
0771200	Black Powder Coated	1	24 - 46		Cylinder	No Cylinder
0771201	Black Powder Coated	1	24 - 46		Cylinder	Keyed Alike
0771202	Black Powder Coated	1	24 - 46		Cylinder	Keyed to Differ
0771207	Black Powder Coated	1	24 - 46		Cylinder	CH751 (Stainless Steel Shutter)
0772200	Black Powder Coated	2	0 - 24		Cylinder	No Cylinder
0772201	Black Powder Coated	2	0 - 24		Cylinder	Keyed Alike
0772202	Black Powder Coated	2	0 - 24		Cylinder	Keyed to Differ
0772207	Black Powder Coated	2	0 - 24		Cylinder	CH751 (Stainless Steel Shutter)

**COMPRESSION LATCHES - OFF-SET TRIGGER LOCKS****177 Series****Compression Latches / Off-Set Trigger Locks****Specifications:**

- Material:
Body: Zinc Alloy
Handle: Zinc Alloy
Installation Bracket: Steel
- Finish: See Table
- Housing and Handle are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Available with or without cylinders
- Suitable for 2mm door thickness (Maximum)

**No Cylinder****With Key Cylinder**

Item No.		Version	Grip Adjustment	Cylinder or Driver	Cylinder / Driver Description
Chrome Plated	Black Powder Coated				
1771100	1771200	1	24 - 46mm	Cylinder	No Cylinder
—	1771201	1	24 - 46mm	Cylinder	Keyed Alike
—	1771202	1	24 - 46mm	Cylinder	Keyed to Differ
—	1771207	1	24 - 46mm	Cylinder	CH751 (Stainless Steel Shutter)
—	1771242	1	24 - 46mm	Driver	Slot (2 x 4mm)
1772100	1772200	2	0 - 24mm	Cylinder	No Cylinder
—	1772201	2	0 - 24mm	Cylinder	Keyed Alike
—	1772202	2	0 - 24mm	Cylinder	Keyed to Differ
—	1772207	2	0 - 24mm	Cylinder	CH751 (Stainless Steel Shutter)
—	1772242	2	0 - 24mm	Driver	Slot (2 x 4mm)

ADJUSTABLE GRIP COMPRESSION LATCHES



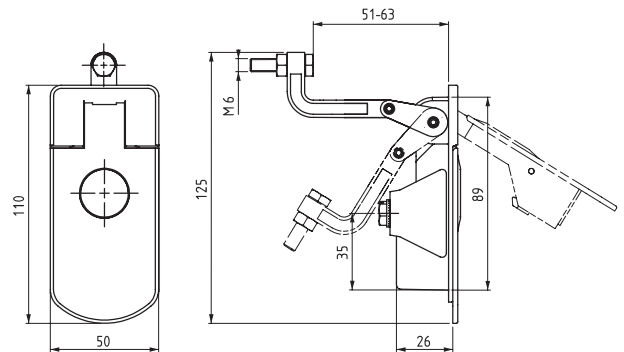
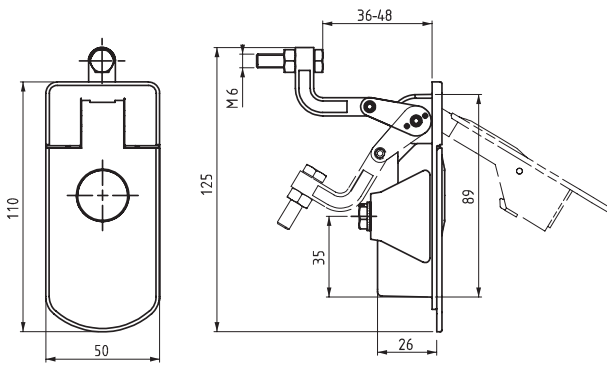
377 Series Compression Latch - Adjustable Grip



Version 1



Version 2

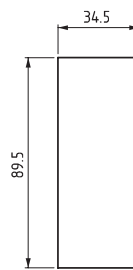


Specifications:

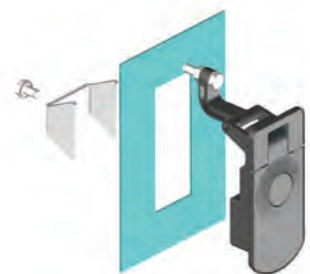
- Material:
Body: Zinc Alloy
Handle: Zinc Alloy
Fixing Bracket: Steel
Dust Cap: Stainless Steel
- Finish: Black Powder Coated
- Latch is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Available with or without cylinders
- Work with door/panel thickness up to 2mm
- Assemble lock with one fixing bracket
- Please contact Essentra for alternate Finish



Cut-Out

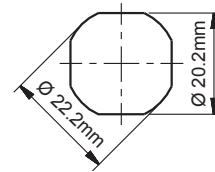
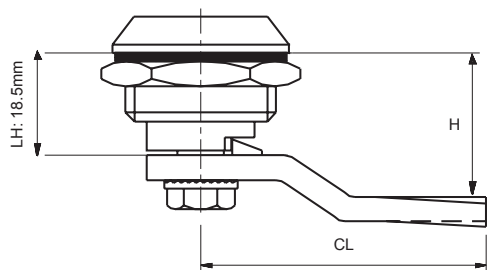
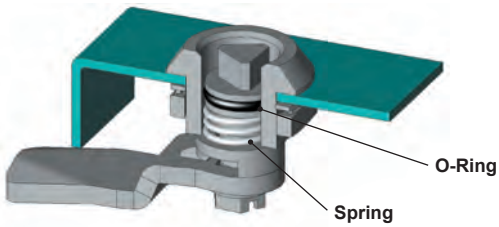


Item No.	Version	Cylinder Description
3771200	1	No Cylinder
3771203	1	Keyed Alike with Stainless Steel Shutter
3771232	1	Keyed Different with Stainless Steel Shutter
3771207	1	CH751 (Stainless Steel Shutter)
3772200	2	No Cylinder
3772203	2	Keyed Alike with Stainless Steel Shutter
3772232	2	Keyed Different with Stainless Steel Shutter
3772207	2	CH751 (Stainless Steel Shutter)



SPRING LOADED LATCHES & LOCKS

060 Series Spring Loaded Latches & Locks



Cut-Out

Specifications:

- Material: See Table
- Cam: Steel or Nylon
- Gasket: Rubber
- Finish: See Table
- Housing and driver is DIN-EN 1774 rated

Features:

- Internal spring provides tactile resistance
- Cam does not rotate beyond quarter turn due to stop lip
- Please contact Essentra for alternate drivers

- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Driver Style					
13	15	28	37	38	42
3mm Double Bit	5mm Double Bit	8mm Square	7mm Triangle	8mm Triangle	2 x 4mm Slot

Driver Style				
52	61	68	88	97
Slot	10mm Hex Female	8mm Hex Female	Railway	11mm Hex Male

Item Number					
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Stainless Steel Natural	Nylon Black	Driver Style	Driver Description
060111300	060121300	060401300	060201300	13	3mm Double Bit
060111500	060121500	060401500	060201500	15	5mm Double Bit
060112800	060122800	060402800	060202800	28	8mm Square
060113700	—	—	—	37	7mm Triangle
060113800	060123800	060403800	060203800	38	8mm Triangle
060114200	060124200	—	060204200	42	2 x 4mm Slot
060115200	060125200	—	—	52	Slot
060116100	060126100	—	—	61	10mm Hex Female
060116800	060126800	—	—	68	8mm Hex Female
—	—	060408800	—	88	Railway
060119700	060129700	—	—	97	11mm Hex Male

QUARTER TURN LATCHES & LOCKS - SECURE



461 Series
Secure Quarter Turn Latches & Locks



Key is removable at locked position



Key is not removable at open position, it works like a knob.

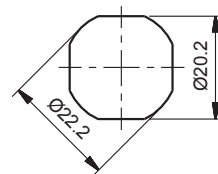
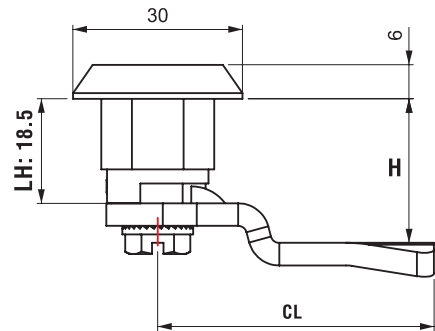
Specifications:

- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: Chrome Plated
- Housing and Driver are DIN-EN 1774 rated

Features:

- When lock is open the key functions as a knob
- Applicable Cams are with stoppers
- Latch includes Stainless Steel Shutter

- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

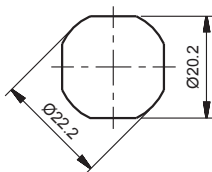
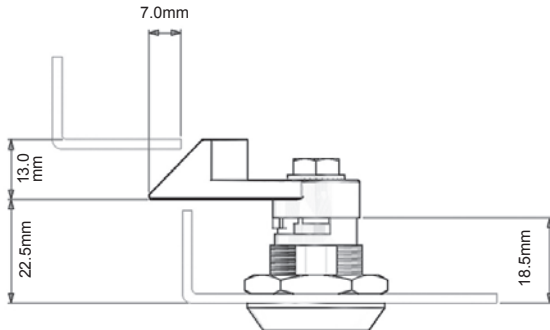
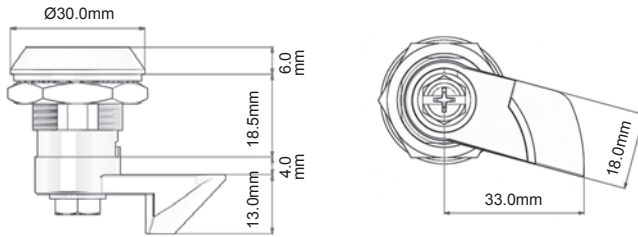


Cut-Out

Driver Style			
15			
5mm Double Bit			



Item No.	Driver Style	Driver Description	Hand Operation
46111111500001	15	5mm Double Bit	Right Hand
46111111500002	15	5mm Double Bit	Left Hand

**QUARTER TURN LATCHES & LOCKS - SPRING CAM****160 Series****Quarter Turn Spring Cam Latch / Lock****Cut-Out****Specifications:**

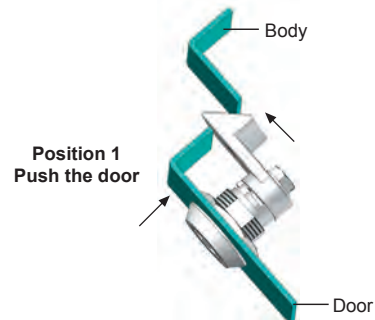
- Material:
Housing: Zinc Alloy
Drivers: Zinc Alloy
Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Spring loaded cam is included

Features:

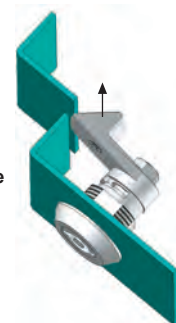
- Spring-loaded cam provides push-to-close action
- Distance between inside of lock face and front of cam fixed at 22.5mm
- Cam included with latch
- Please contact Essentra for alternate driver options

⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.

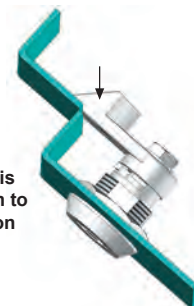
⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.



Position 2
Cam will rotate
free of frame



Position 3
When the cam is
free, it will return
to the lock position

**Driver Style****13**

3mm Double Bit

**15**

5mm Double Bit



Item No.	Finish	Driver Style	Driver Description	Hand Operation
1601113001	Chrome Plated	13	3mm Double Bit	Right
1601113002	Chrome Plated	13	3mm Double Bit	Left
1601115001	Chrome Plated	15	5mm Double Bit	Right
1601115002	Chrome Plated	15	5mm Double Bit	Left
1601215001	Black Powder Coated	15	5mm Double Bit	Right
1601215002	Black Powder Coated	15	5mm Double Bit	Left



MINI QUARTER TURN LATCHES - SPRING LOADED

066 Series

Mini Quarter Turn Latches - Spring Loaded Locks

Specifications:

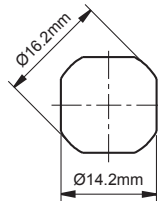
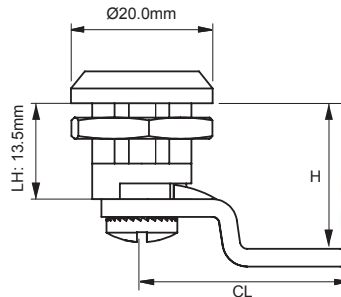
- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Cam: Steel
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated

Features:

- Specially designed internal spring provides 1mm tactile resistance
- Sealing washer NOT supplied, consult Essentra for IP rated latch/gasket
- Please contact Essentra for alternate drivers

⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598. Cut-Out



Driver Style	
26 6mm Square	37 7mm Triangle
42 2 x 4mm Slot	

Item No.		Driver Style	Driver Description
Chrome Plated	Black Powder Coated		
066112600	066122600	26	6mm Square
066113700	066123700	37	7mm Triangle
066114200	066124200	42	2 x 4mm Slot

266 Series

Quarter Turn Latches - Spring Loaded Locks

Specifications:

- Material:
Housing: Zinc Alloy
Drivers: Zinc Alloy
Cam: Steel
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated

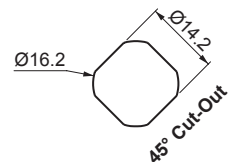
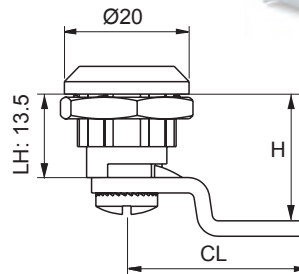
Features:

- Internal spring provides 1mm tactile resistance
- Cam does not rotate beyond quarter turn due to stop lip
- Applicable Cams are with stoppers
- Please contact Essentra for IP rated Latch

⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.

⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

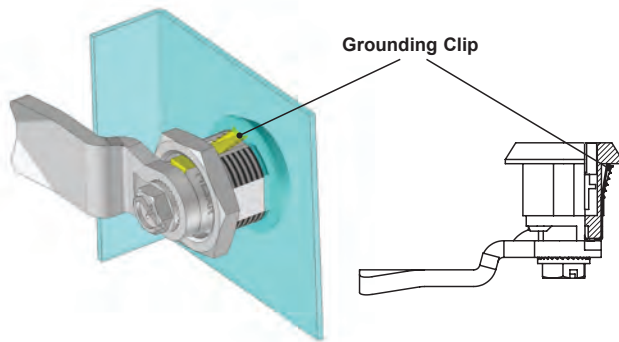


Driver Style	
26 6mm Square	37 7mm Triangle
42 2 x 4mm Slot	

Item No.		Driver Style	Driver Description
Chrome Plated	Black Powder Coated		
266112600	266122600	26	6mm Square
266113700	266123700	37	7mm Triangle
266114200	266124200	42	2 x 4mm Slot

**QUARTER TURN LATCHES - SPRING LOADED****360 Series**

Quarter Turn Latches - Spring Loaded Locks with Grounding Clip

**Specifications:**• **Material:**

Housing: Zinc Alloy

Driver: Zinc Alloy

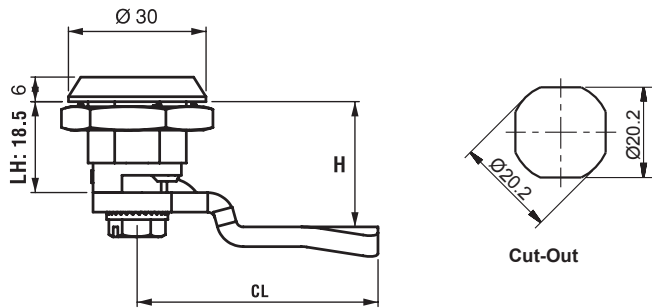
Cam: Steel or Nylon

Gasket: Rubber

Grounding Clip: Stainless Steel

• **Finish:** See Table• **Housing and Driver are DIN-EN 1774 rated****Features:**

- Internal spring provides tactile resistance
- CAM does not rotate beyond quarter turn due to stop lip
- Applicable Cams are with stoppers
- Special clip for grounding

**⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.****⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.****⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.****Driver Style**

13	15	28	37	38	42
3mm Double Bit	5mm Double Bit	8mm Square	7mm Triangle	8mm Triangle	2 x 4mm Slot

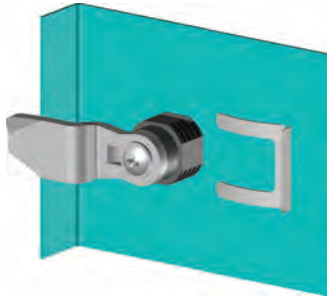
Item No.

Chrome Plated	Black Powder Coated	Driver Style	Cylinder Description
360111300	360121300	13	3mm Double Bit
360111500	360121500	15	5mm Double Bit
360112800	360122800	28	8mm Square
360113700	360123700	37	7mm Triangle
360113800	360123800	38	8mm Triangle
360114200	360124200	42	2 x 4mm Slot

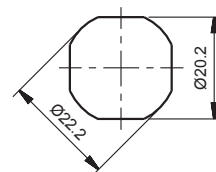
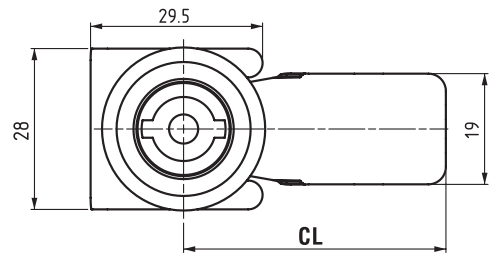
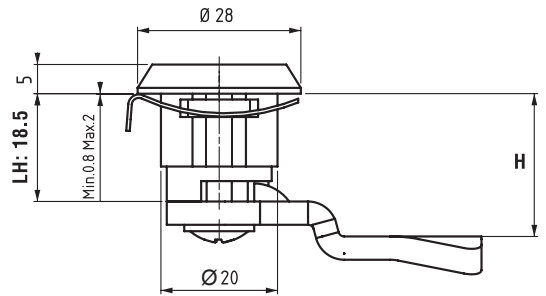
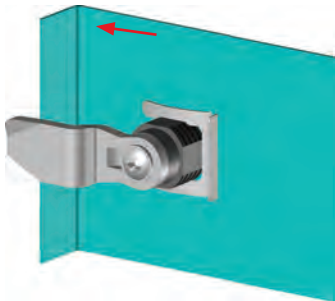


QUARTER TURN LATCHES - QUICK INSTALLATION

560 Series
Quarter Turn - Quick Installation Locks



Clip design allows for quick installation



Cut-Out

Specifications:

- Material:
 Housing: Black Nylon (PA6 30% GF)
 Driver: Black Nylon (PA6 30% GF)
- Housing and Driver Compliant to DIN-EN 1774

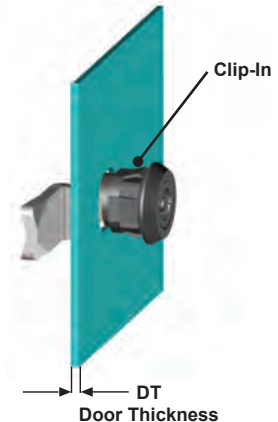
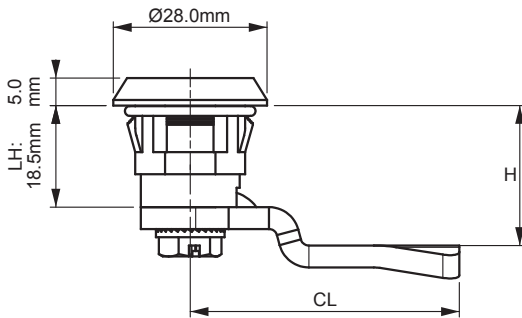
Features:

- Easy assembly by clips
- Specially designed internal spring provides tactile resistance
- Can be used for panel thickness 0.8-2.0mm

- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Driver Style			
15	28	38	42
5mm Double Bit	8mm Square	8mm Triangle	2 x 4mm Slot

Item No.	Driver Style	Driver Description
56020201500	15	5mm Double Bit
56020202800	28	8mm Square
56020203800	38	8mm Triangular
56020204200	42	Slot (2 x 4)

**QUARTER TURN LATCHES - EASY INSTALL / SPRING LOADED****660 Series****Quarter Turn Latches - Easy Install Locks****Specifications:**

- Material:
Housing: Black Nylon (PA6 30% GF)
Driver Material: Black Nylon (PA6 30% GF)
Cam: Steel, Nylon

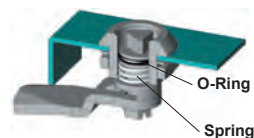
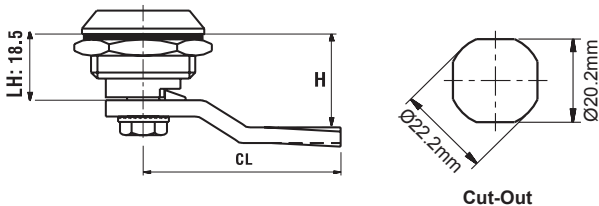
Features:

- Easy assembly by clips

- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Driver Style
42
2 x 4mm Slot

Item No.	Door Thickness (DT)		Driver Style	Driver Description
	mm			
660120204200	0.8 - 1.2		42	2 x 4mm Slot
660220204200	1.2 - 1.5		42	2 x 4mm Slot

760 Series**Quarter Turn - Spring Loaded Latches****Specifications:**

- Material:
Housing: Black Nylon (PA6 30% GF)
Driver See Table
Gasket: Polyurethane
- Housing and Driver compliant to DIN-EN 1774

Features:

- Specially designed internal spring provides 1.5mm compression

- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

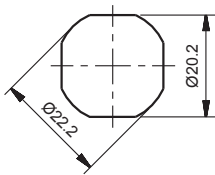
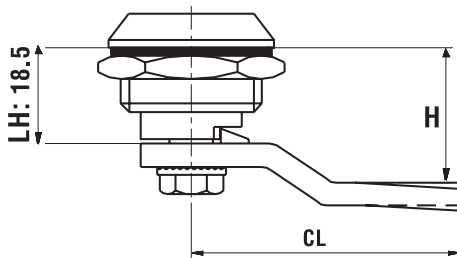
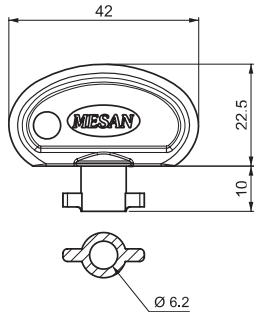
Driver Style
42
2 x 4mm Slot

Item No.	Driver Style	Driver Description	Driver Material	Driver Finish
76020124200	42	2 x 4mm Slot	Zinc Alloy	Black Powder Coated
76020204200	42	2 x 4mm Slot	Nylon	Black

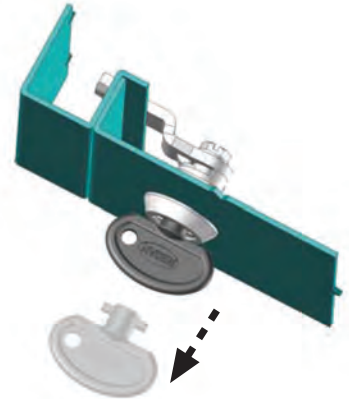
QUARTER TURN LATCHES & LOCKS - SECURE



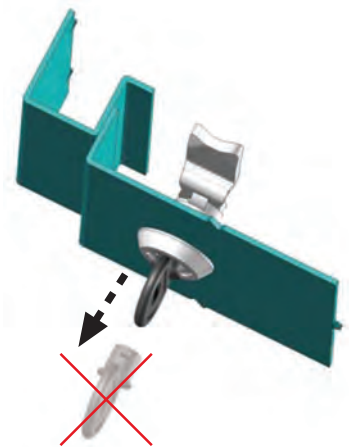
361 Series Secure Quarter Turn Latches / Locks



Cut-Out



Key is removable at locked position



Key is not removable at open position;
it works like a knob

Specifications:

- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Gasket: Rubber
- Finish: See Table
- Housing is DIN-EN 1774 rated

Features:

- When lock is open the key functions as a knob
- Key is specific to latch and should be ordered at the same time, see table for Key Item No.
- Applicable Cams are with stoppers

▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Round Spurred Lock Washer - Optional

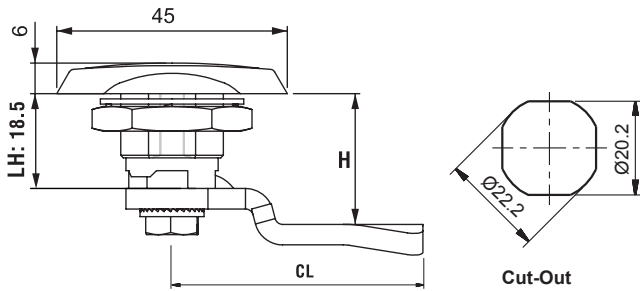
- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

Item No.	Finish	Driver Description	Key Item No.
3611100	Chrome Plated	Key is Driver	16711
3611200	Black Powder Coated	Key is Driver	16712



561 Series

Plastic Knob Latch - Finger Grip Knob



Specifications:

- Material:
Housing: Black Nylon (PA6 30% GF)
Cam: Steel, Nylon
- Housing is DIN-EN 1043-1 rated

Features:

- Designed to act as a knob
- For special colors please contact Essentra

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

Driver Style

42

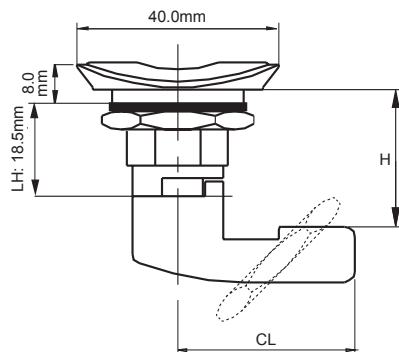
2 x 4mm Slot



Item No.	Driver Material	Driver Finish	Driver Style	Driver Description
56120124200	Zinc Alloy	Black Powder Coated	42	2 x 4mm Slot
56120204200	Nylon	Black	42	2 x 4mm Slot

161 Series

Plastic Knob Lock / Finger Grip Latch



Specifications:

- Material:
Housing: See Table
Driver: Zinc Alloy, Nylon (PA6 30% GF)
Nut: Zinc Alloy, Nylon (PA6 30% GF)
Cam: Steel, Nylon
- Finish: See Table
- Housing is DIN-EN 1043-1 rated

Features:

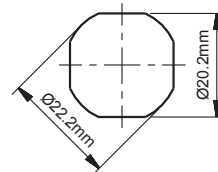
- Designed to act as a knob
- For special colors please contact Essentra
- Applicable CAMS are with stoppers

⚠ FOR ALTERNATE DRIVERS SEE PAGE 596.

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

Cut-Out



Driver Style

13

3mm Double Bit



15

5mm Double Bit



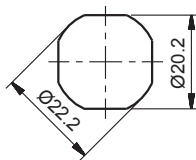
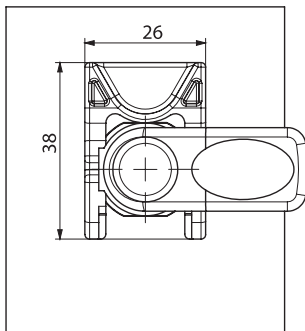
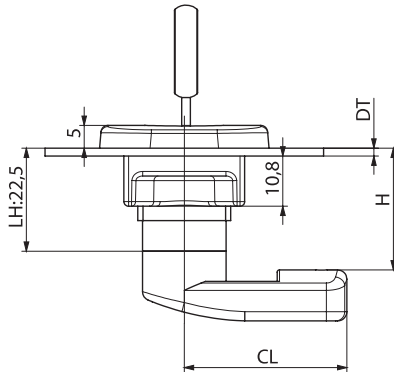
42

2 x 4mm Slot

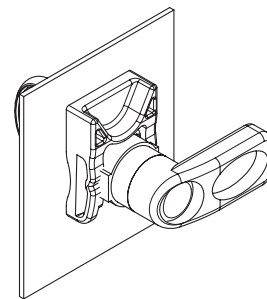
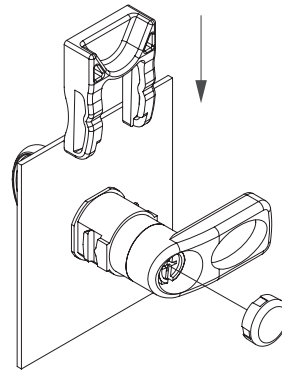


Item No.	Housing Material	Finish	Driver Style	Driver Description
16120201300	Nylon	Black	13	3mm Double Bit
16120201500	Nylon	Black	15	5mm Double Bit
16120124200	Zinc Alloy	Black Powder Coated	42	2 x 4mm Slot
16120204200	Nylon	Black	42	2 x 4mm Slot

CAM LATCHES - EASY FIXING


761 Series
Cam Latches - Easy Fixing


Cut-Out



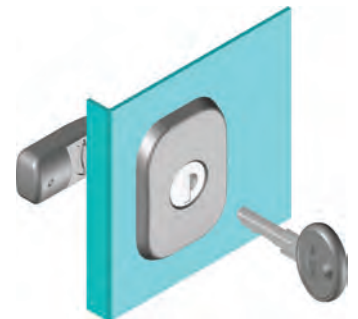
Specifications:

- Material:
Housing: Black Nylon (PA6 30% GF)
Cylinder: Zinc Alloy
- Housing and Driver Compliant to DIN-EN 1774
- 2 keys supplied with each latch

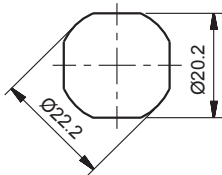
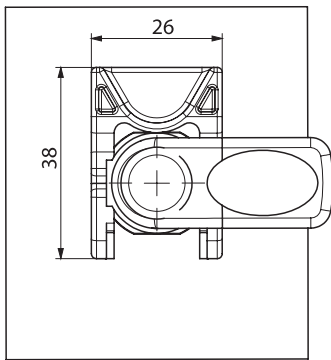
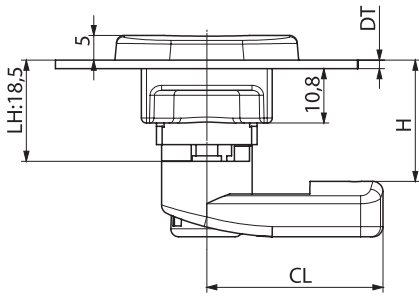
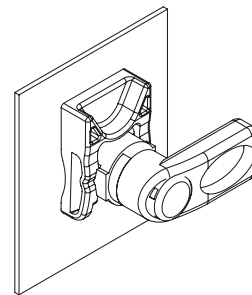
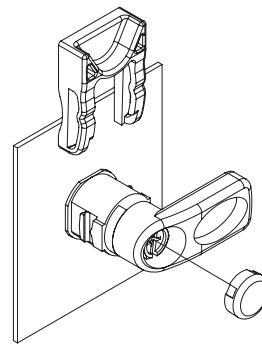
Features:

- Easy assembly by plastic clips
- Applicable on various panel thicknesses
- Please consult factory for custom logo application
- Bolt cover available for grounding applications

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Item No.	Cylinder Style	Cylinder Description	Panel Thickness
76120031200	03	Keyed Alike	1.2 - 1.8 mm
76120032300	03	Keyed Alike	1.8 - 2.3 mm
76120321200	32	Keyed Different	1.2 - 1.8 mm
76120322300	32	Keyed Different	1.8 - 2.3 mm

**QUARTER TURN LATCHES - EASY FIXING****761 Series****Quarter Turn Latches - Easy Fixing****Cut-Out****Specifications:**

- Material:
Housing: Black Nylon(PA6 30% GF)
Driver: See Table

Features:

- Easy assembly by plastic clips
- Applicable on various panel thicknesses
- Please consult factory for custom logo application
- Bolt cover available for grounding applications

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

Driver Style**13**

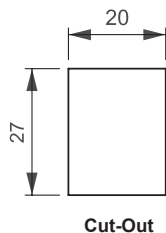
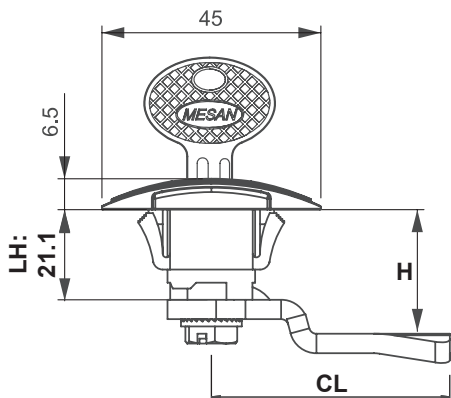
3 mm Double Bit



Item No.	Driver Style	Driver Description	Panel Thickness
7612020131200	13	3 mm Double Bit	1.2 - 1.8 mm
7612020132300	13	3 mm Double Bit	1.8 - 2.3 mm



261 Series
Plastic Knob Lock / Finger Grip Latch



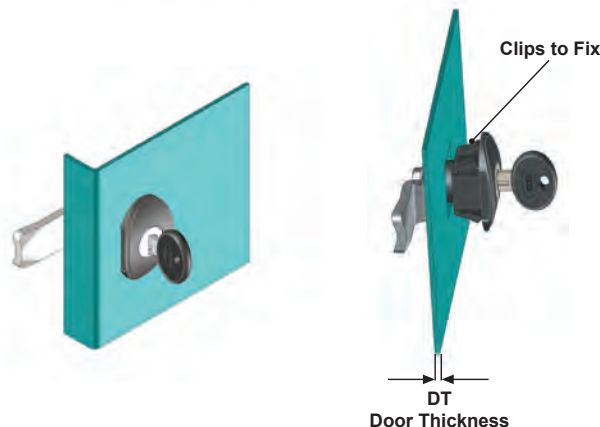
Specifications:

- Material:
Housing: Black Nylon (PA6 30% GF)
Cylinder: Zinc Alloy, Black Nylon (PA6 30% GF)
Cam: Steel, Nylon
- Housing is DIN-EN 1043-1 rated

Features:

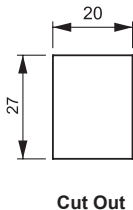
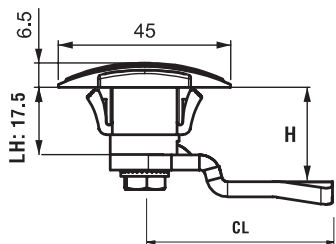
- Clip install for easy assembly
- Mounting nut not required
- Applicable CAMS are with stoppers
- Door Thickness 0.8mm Min - 1.8mm Max

- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**



Item No.	Door Thickness (DT)		Cylinder Material	Cylinder Finish	Cylinder Description
	mm				
261200300	0.8 - 1.8		Zinc Alloy	Black Powder Coated	Keyed Alike (Stainless Steel Shutter)
261203200	0.8 - 1.8		Nylon	Black	Keyed to Differ (Stainless Steel Shutter)
261200700	0.8 - 1.8		Nylon	Black	CH751 (Stainless Steel Shutter)

261 Series
Finger Grip Easy Mounting Latch



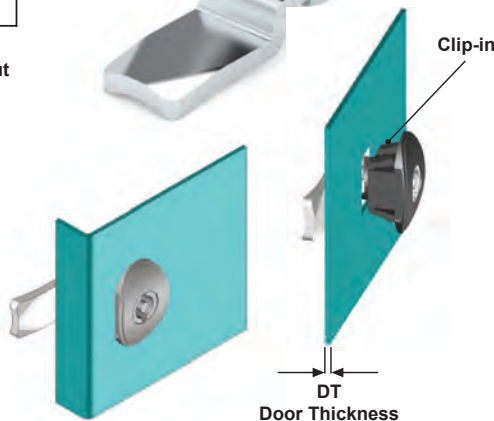
Specifications:

- Material:
Housing: Black Nylon (PA6 30% GF)
Driver: Black Nylon (PA6 30% GF)
- Housing is DIN-EN 1043-1 rated

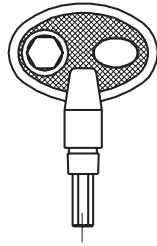
Features:

- Clip install for easy assembly
- Mounting nut not required
- Applicable CAMS are with stoppers
- Panel Thickness 1.8mm Max
- Please contact Essentra for alternate drivers.

- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**



Item No.	Driver Style	Driver Description
26120201300	13	3 mm Double Bit

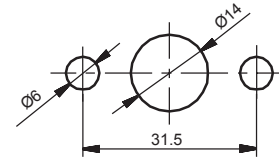
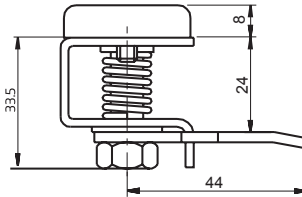
**PANEL LOCKS / QUARTER TURN LOCKS - PADLOCKABLE****075 Series****Panel Lock with Hexagonal Head**

Specifications:

- Material:
 - Body: Steel
 - Cam: Steel
 - Cover: Black Nylon (PA6 30% GF)
- Housing and Driver are DIN-EN 1774 rated
- Cam included with Latch/Lock
- Allen Key sold separately, see table for details

Features:

- Application for panels and machinery covers

**Cut-Out**

Item No.	Hand Operation	Allen Key
075001	Right	16966
075002	Left	16966

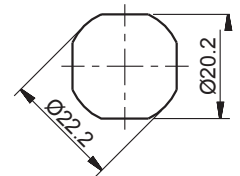
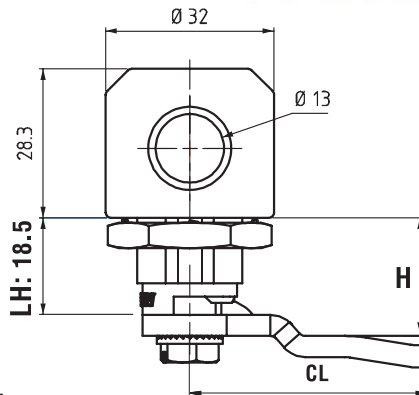
260 Series**Quarter Turn - Padlockable Locks****Application 1****Application 2**

Specifications:

- Material:
 - Housing: Zinc Alloy
 - Driver: Zinc Alloy
 - Cam: Steel
 - Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated

Features:

- Padlockable
- Can be used with different drivers
- Applicable CAMS are with stoppers
- Please contact Essentra for alternate drivers

**Cut-Out**

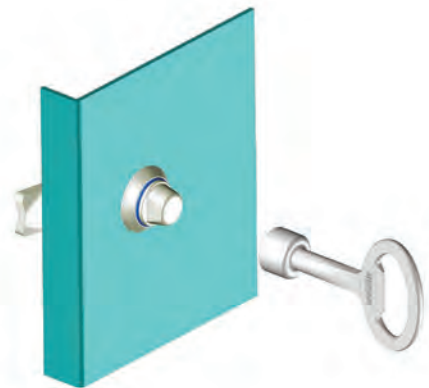
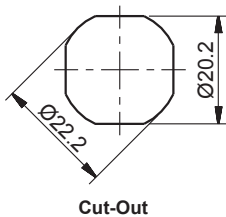
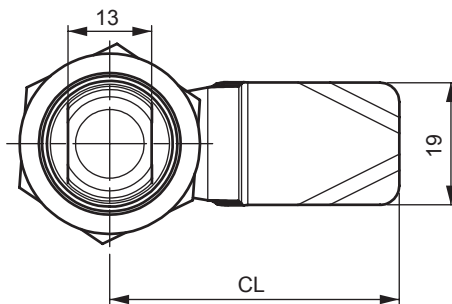
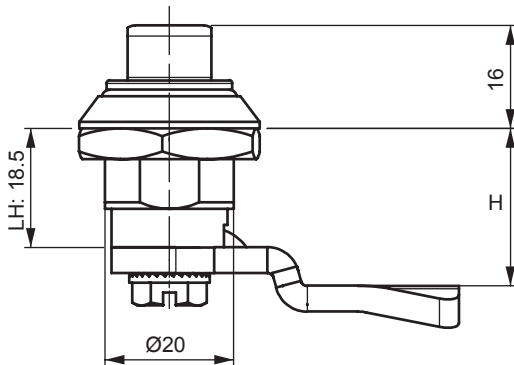
- ⚠ **FOR ALTERNATE DRIVERS SEE PAGE 596.**
- ⚠ **CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**
- ⚠ **DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.**

Driver Style		
15	37	42
5mm Double Bit	7mm Triangle	2 x 4mm Slot

Item No.			
Chrome Plated	Black Powder Coated	Driver Style	Driver Description
2601111500	26012121500	15	5mm Double Bit
26011113700	26012123700	37	7mm Triangular
26011114200	26012124200	42	Slot (2 x 4mm)



460 Series
Hygienic Latches & Locks



Specifications:

- Material:
Housing: Stainless Steel
Driver: Stainless Steel
Cam: Stainless Steel
O-Ring: Silicone
- Finish: Natural

Features:

- Dirt resistant and easy to clean
- Specifically designed for hygiene requirements
- Key is specific to the lock and should be ordered at the same time, please see table for details
- Latch has been tested according to GS-NV 6:2015/12

▲ CAMS SOLD SEPARATELY. SEE PAGE 594.

Item
No.
4604000

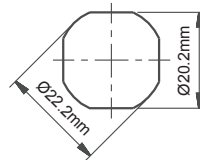
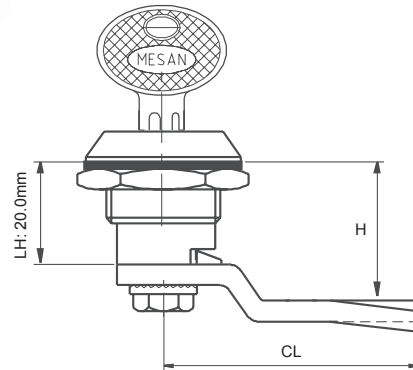
Metal Key
36894

**CAM LATCHES & LOCKS****063 Series****Cylinder Cam Latches / Locks****Specifications:**

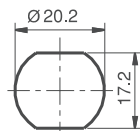
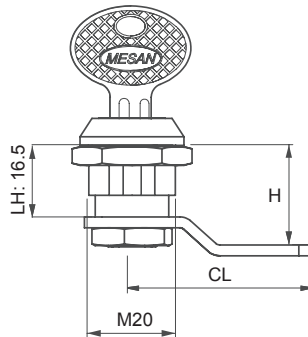
- **Material:**
Housing: Zinc Alloy, Black Nylon (PA6 30% GF)
Cam: Steel or Nylon
Gasket: Rubber
- **Finish:** Chrome Plated, Black Powder Coated
- Housing and Driver are DIN-EN 1774 rated
- Two Keys supplied with every lock
- Master Key is sold separately, see table for details

Features:

- Quarter turn operation
- Body Length 20.5mm (please be sure to order appropriate cam)
- Available in all die-cast zinc alloy or with polyamide housing
- Please contact Essentra for spring loaded cam version and alternate cylinders

**Cut-Out****▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.**

Item No.			Cylinder Description	Master System Key Reference
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Black Nylon		
063110100	063120100	063200100	Keyed Alike	—
063110300	063120300	063200300	Keyed Alike with Stainless Steel Shutter	—
063110400	063120400	—	Master System Keyed Differ	30204041
063110700	• 063120700	• 063200700	CH751 (Stainless Steel Shutter)	—
063113200	063123200	—	Keyed Differ with Stainless Steel Shutter	—

050 Series**Cam Latches & Locks****Cut-Out****Specifications:**

- **Material:**
Housing: Zinc Alloy
Cam: Steel
- **Finish:** Chrome Plated
- Housing is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

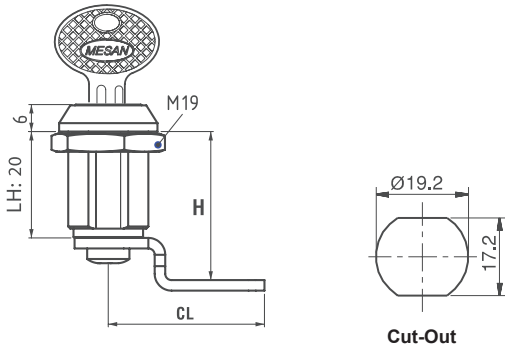
- Ideal for briefcase, steel doors and machinery covers
- Available in all die-cast zinc alloy or with polyamide housing
- Please contact Essentra for spring loaded cam version

▲ CAMS SOLD SEPARATELY. SEE PAGE 595. TYPE-2 CAMS ONLY**M 12 Nut** → 

Item No.	Key Rotation Angle	Cylinder Description
05010300	180°	Stainless Steel Shutter (keyed alike)
05013200	180°	Stainless Steel Shutter (Keyed to Differ)
05020300	90°	Stainless Steel Shutter (keyed alike)
05023200	90°	Stainless Steel Shutter (Keyed to Differ)



050 Series
Cam Latches / Locks



Specifications:

- Material:
Housing: Zinc Alloy DIN-EN 1774 rated
Cam: Steel
- Finish: Chrome Plated
- Two keys supplied with every lock

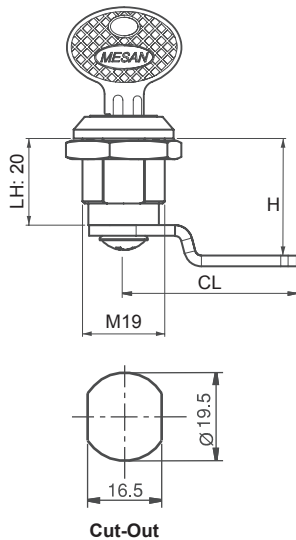
Features:

- Ideal for thicker walled applications
- Please contact Essentra for different housing length options

▲ CAMS SOLD SEPARATELY. SEE PAGE 595.

Item No.	Housing Length	Cylinder Description
050200100	20 mm	Keyed Alike

250 Series
Cam Latches / Locks



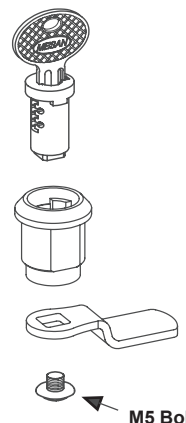
Specifications:

- Material:
Housing: Zinc Alloy
Cam: Steel
- Finish: Chrome Plated
- Housing is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Ideal for steel doors and machinery covers
- 90° Key rotation

▲ CAMS SOLD SEPARATELY. SEE PAGE 595.



Item No.	Cylinder Description
250200300	Stainless Steel Shutter (Keyed Alike)
250203200	Stainless Steel Shutter (Keyed to Differ)

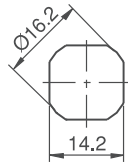
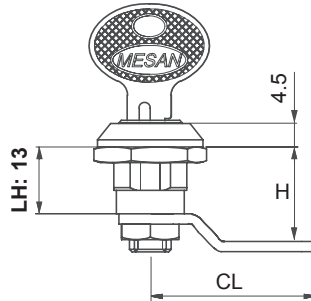
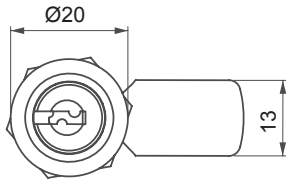


MINI CAM LATCHES & LOCKS

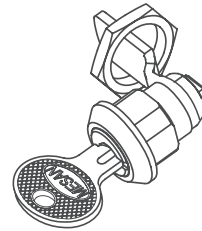
057 Series Mini Cam Latches & Locks



Version 1



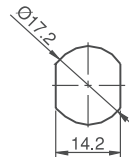
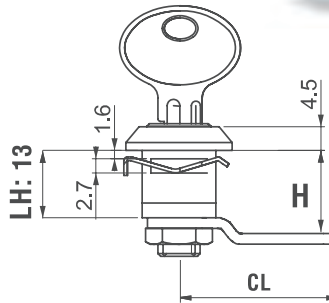
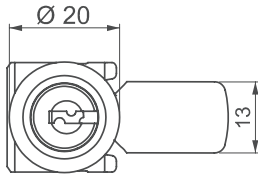
Cut-Out



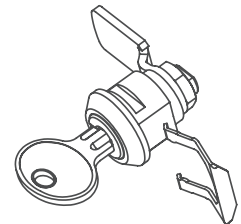
Installed by Nut



Version 3



Cut-Out



Installed by Clips

Specifications:

- Material:
Housing: Zinc Alloy
Cam: Steel
- Finish: Chrome Plated
- Housing is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

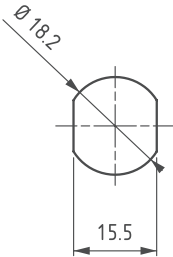
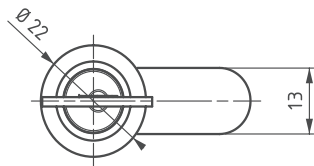
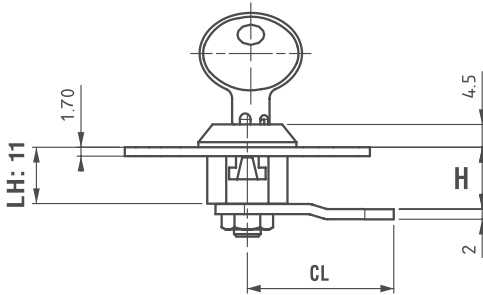
- Please Contact Essentra for Keyed to Differ version

⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

Item No.	Version	Cylinder Description
05710300	1	Keyed Alike
05730300	3	Keyed Alike



257 Series
Mini Cam Latches / Locks



Cut-Out

Specifications:

- Material:
Housing: Nylon, Black (PA6 30% GF)
Cam: Steel
- Housing is DIN-EN ISO 1043-1 rated
- Two keys supplied with every lock

Features:

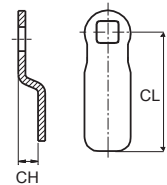
- Easy assembly with clips on housing
- 45° Key rotation

⚠ CAMS SOLD SEPARATELY. See Table >>

Cams Without Stoppers

Specifications:

- Material: Steel
- Finish: Zinc Plated
- Thickness: 2.4mm



Item No.	CH Height	CL Length	H Grip*
30403487	0	16	11
31403040	1	33	12
31403032	1	38	12
30403469	5	38	16
31403041**	6	30	17

*Grip is measured in latched position

** Hook Cam

Item No.	Cylinder Description
2570300	Stainless Steel Shutter (Keyed Alike)
2573200	Stainless Steel Shutter (Keyed to Differ)

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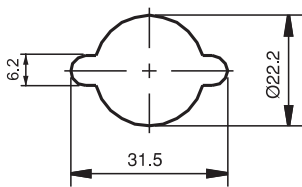
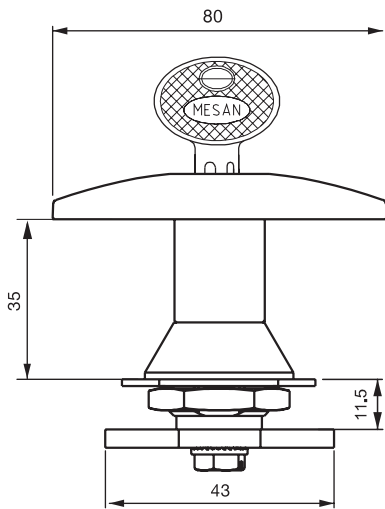
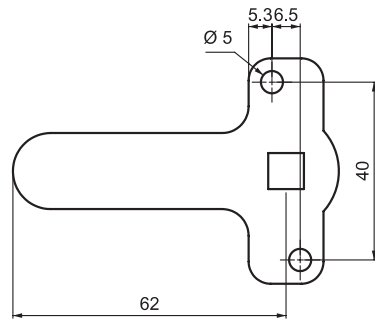
GIVE US A CALL
800 847 0486



SEND US AN EMAIL
sales@essentracomponents.com



SEND US A FAX
866 561 6617

**T HANDLE CABINET LATCHES****010 Series****'T' Handle Cabinet Latches****Cut-Out****Specifications:**

- Material: Zinc Alloy
- Finish: Chrome Plated
- Housing and cylinder are DIN-EN 1774 rated
- Cam included with latch
- Two keys supplied with every lock

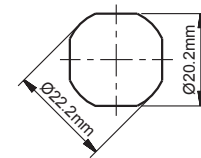
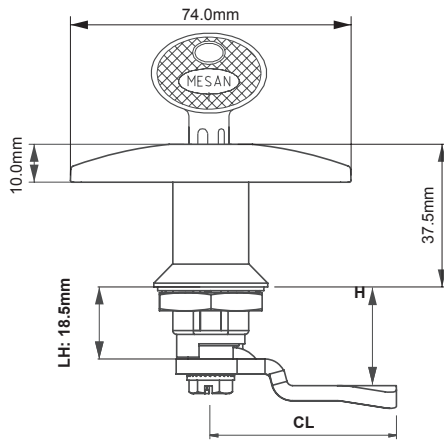
Features:

- Ideal for electrical panels and metal cabinets
- For alternate cylinders and finish, please contact Essentra for details
- For multi-point locking rods and accessories please contact Essentra for details

Item No.	Cylinder Description	Hand Operation
0101102001	Keyed to Differ	Right
0101102002	Keyed to Differ	Left



110 Series Cam Latches - 'T' Handle Locks



Cut-Out

Specifications:

- Material:
Housing: See Table
Handle: Same as Housing
Cam: Steel, Stainless Steel (AISI 304)
Nylon Gasket: Rubber
- Housing and Driver are DIN-EN 1774 rated
- Two keys supplied with every lock

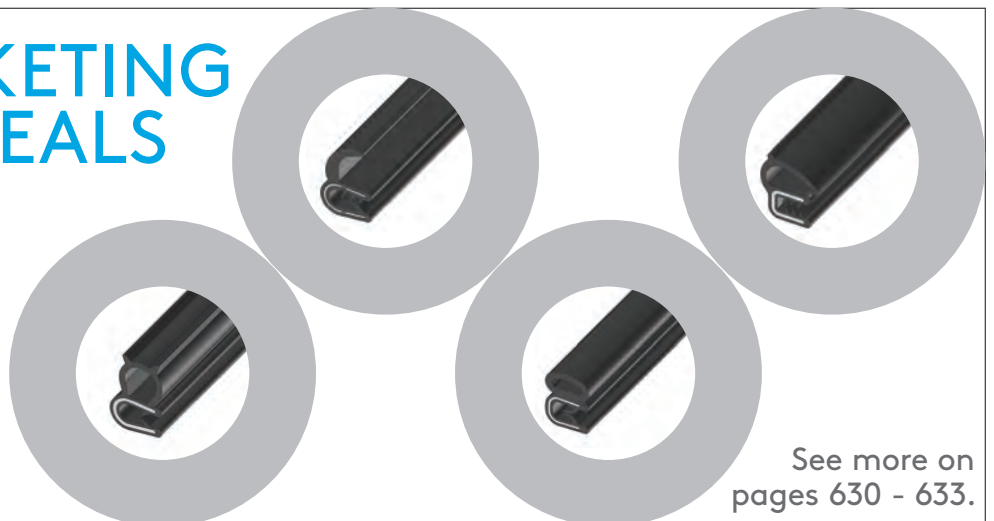
Features:

- Quarter-turn operation
- Optional blind version
- Please contact Essentra for alternate cylinders

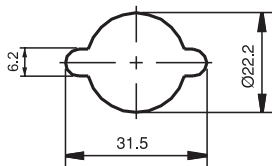
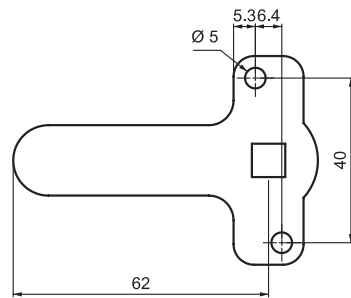
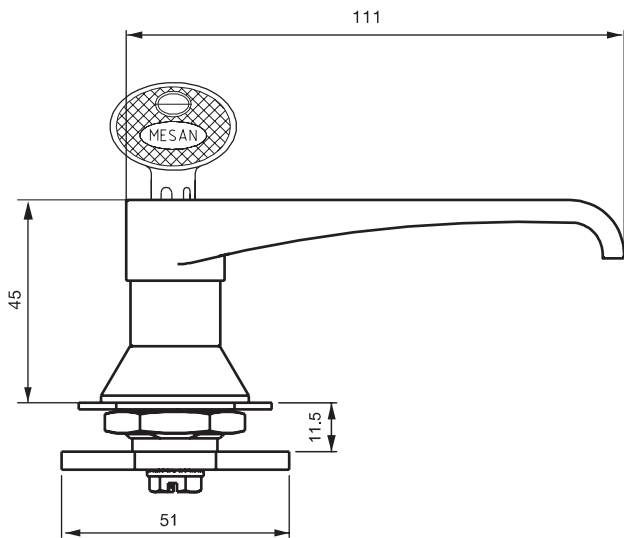
▲ CAMS SOLD SEPARATELY. SEE PAGE 593.

Item No.						
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Black Nylon	Stainless Steel Natural	Cylinder Style	Cylinder Description	
110110000	110120000	110200000	110400000	00	No Cylinder	
110110100	110120100	110200100	—	01	Keyed Alike	
110110200	110120200	—	—	02	Keyed to Differ	
110110700	110120700	• 110200700	—	07	CH751	

GASKETING & SEALS



See more on
pages 630 - 633.

**L HANDLE CABINET LATCHES****011 Series****'L' Handle Cabinet Latches****Cut-Out****Specifications:**

- Material: Zinc Alloy
- Finish: Chrome Plated
- Housing and cylinder are DIN-EN 1774 rated
- Cam included with latch
- Two keys supplied with every lock

Features:

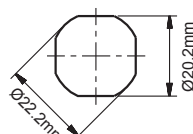
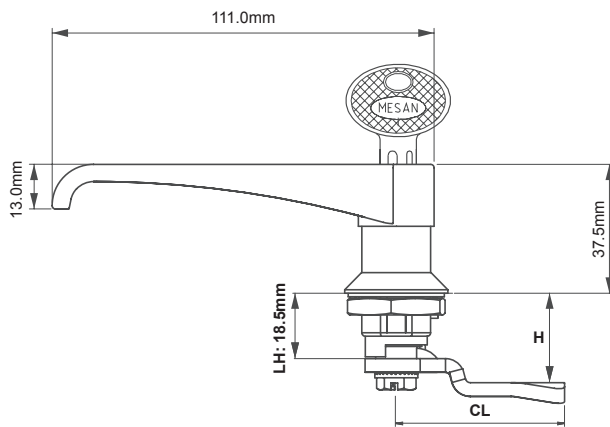
- Ideal for electrical panels and metal document cabinets
- For alternate cylinders or finish, please contact Essentra for details
- For multi-point locking rods and accessories please contact Essentra for details

Item No.	Cylinder Description	Hand Operation
0111102001	Keyed to Differ	Right
0111102002	Keyed to Differ	Left

L HANDLE CAM LATCHES & LOCKS



111 Series
Cam Latches - 'L' Handle Locks



Cut-Out

Specifications:

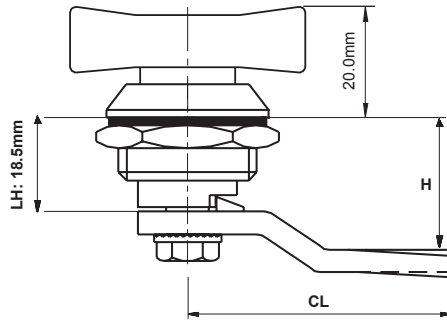
- Material:
Housing: See Table
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Quarter-turn operation
- Optional blind version
- Please contact Essentra for alternate cylinders

⚠ CAMS SOLD SEPARATELY. SEE PAGES 591, 593.

Item No.						
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Nylon Black	Stainless Steel Natural	Driver Style	Cylinder Specifications	
111110000	111120000	111200000	111400000	00	No Cylinder	
111110100	111120100	111200100	—	01	Keyed Alike	
—	—	111200200	—	02	Keyed Differ	
111110300	111120300	—	111400300	03	Stainless Steel Shutter (Keyed Alike)	
111110700	111120700	• 111200700	111400700	07	CH751 (Stainless Steel Shutter)	
111113200	111123200	—	111403200	32	Stainless Steel Shutter (Keyed to Differ)	

**QUARTER TURN LATCHES - WING KNOB LOCK****062 Series****Quarter Turn Latches - Wing Knob Lock**

Specifications:

• Material:

Housing: See Table

Knob: See Table

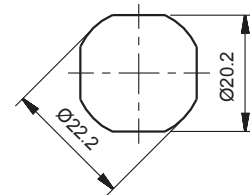
Gasket: Rubber

• Finish: See Table

• Housing and Knob are DIN-EN 1774 rated

Features:

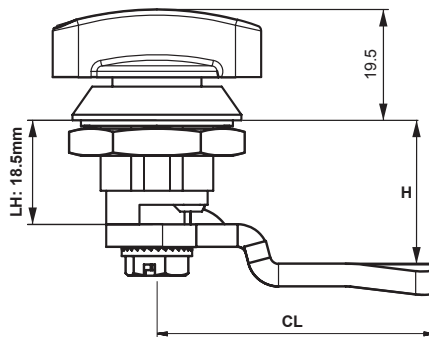
• Wing operates lock and serves as knob



Cut-Out

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Material	Finish
0621100	Zinc Alloy	Chrome Plated
0621200	Zinc Alloy	Black Powder Coated
0622000	Nylon	Black

362 Series**Quarter Turn Latches - Wing Knob Locks**

Specifications:

• Material:

Housing: See Table

Knob: See Table

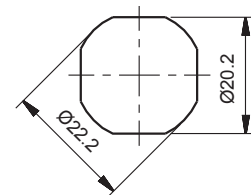
Gasket: Rubber

• Finish: See Table

• Housing and Knob are DIN-EN 1774 rated

Features:

• Wing operates lock and serves as knob



Cut-Out

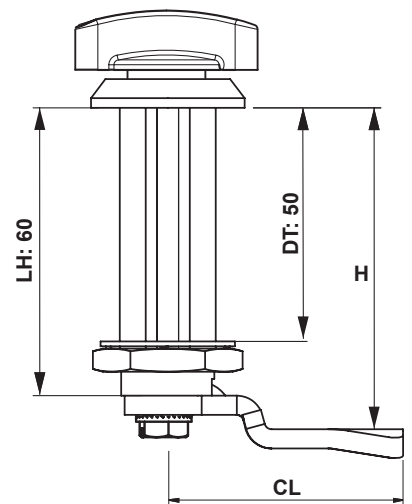
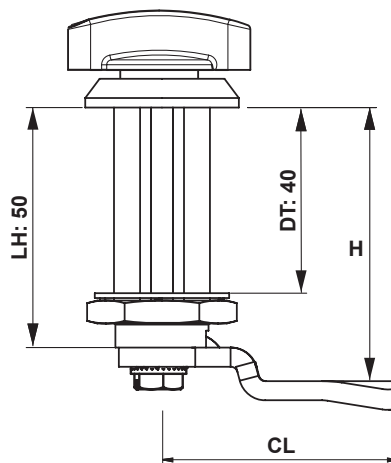
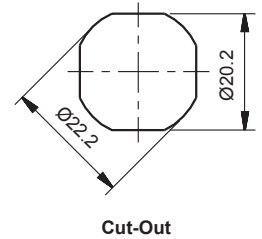
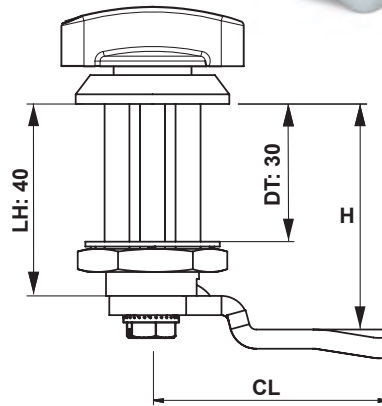
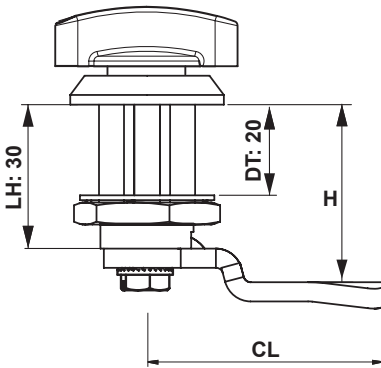
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Material	Finish
3621100	Zinc Alloy	Chrome Plated
3621200	Zinc Alloy	Black Powder Coated
3622000	Nylon	Black



QUARTER TURN LATCHES - WING KNOB LOCK

064 Series
Quarter Turn Latches - Long Housing Wing Knob Locks



Specifications:

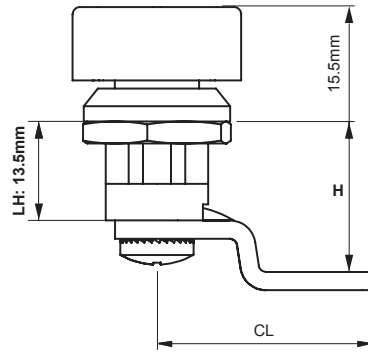
- Material:
Housing: Zinc Alloy
Driver: Zinc Alloy
Cam: Steel
Gasket: Rubber
- Finish: See Table
- Housing and handle are DIN-EN 1774 rated

Features:

- Ideal for sound-proof or isolated doors

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.		Door Thickness
Chrome Plated	Black Powder Coated	mm
064362201100	064362201200	20
064362301100	064362301200	30
064362401100	064362401200	40
064362501100	064362501200	50

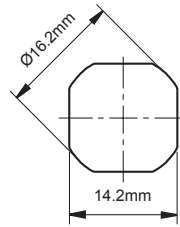
**QUARTER TURN LATCHES - WING KNOB LOCKS / MINI EASY INSTALL****166 Series****Mini Quarter Turn Latches - Wing Knob Locks**

Specifications:

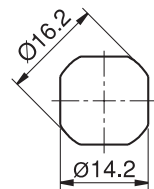
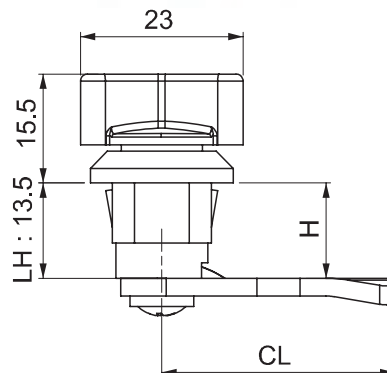
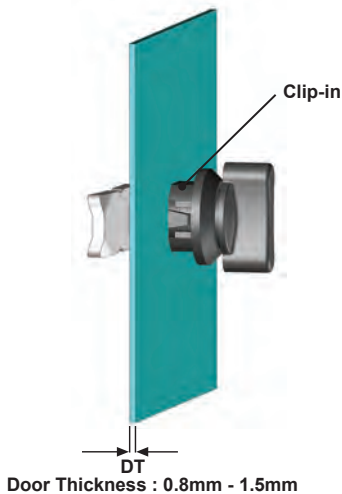
- Material:
- Housing: See Table
- Knob: See Table
- Finish: See Table
- Housing and Knob are DIN-EN 1774 rated

Features:

- Wing operates lock and serves as knob
- Sealing washer not included

**Cut-Out****⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.**

Item No.	Material	Finish
1661100	Zinc Alloy	Chrome Plated
1661200	Zinc Alloy	Black Powder Coated
1662000	Nylon	Black

566 Series**Mini Quarter Turn Latches - Easy Install Locks****Cut-Out**

Specifications:

- Material:
- Housing: Black Nylon (PA6 30% GF)
- Knob: Black Nylon (PA6 30% GF)
- Driver: Black Nylon (PA6 30% GF)

Features:

- Easy assembly by clips
- Specially designed internal spring provides 1mm tactile resistance

⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

Item No.

5661202000



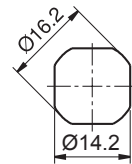
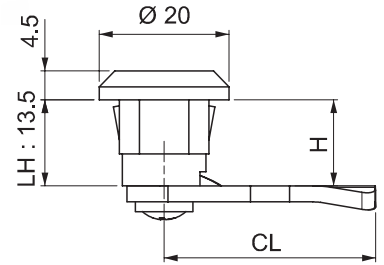
QUARTER TURN LATCHES - EASY INSTALL LOCKS / WING KNOB

366 Series

Quarter Turn Latches - Easy Install Locks



DT
Door Thickness :
0.8 mm - 1.2 mm



Cut-out

Specifications:

- Material:
Housing: Black Nylon (PA6 30% GF)
Driver: Black Nylon (PA6 30% GF)
Cam: Steel, Nylon

Features:

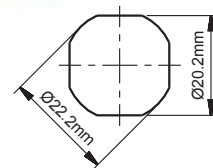
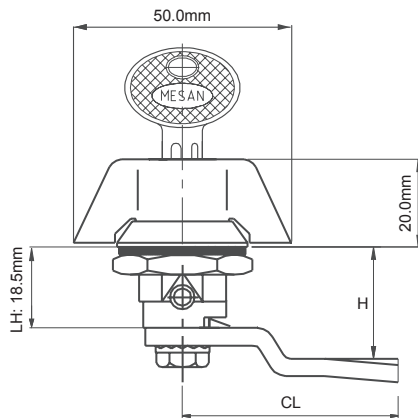
- Easy assembly by clips
- Cam does not rotate beyond quarter turn due to stop lip
- Applicable cams include stoppers
- Please contact Essentra for alternate drivers

- ⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 595.
- ⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

Item No.	Door / Panel Thickness	Driver Style	Driver Description
366120204200	0.8-1.2 mm	42	2X4mm Slot

065 Series

Cam Latches - Wing Knob Locks



Cut-Out

Specifications:

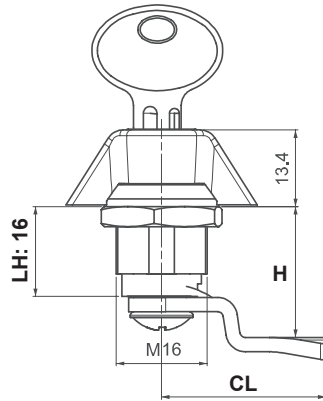
- Material: See Table
Gasket: Rubber
Housing: Zinc Alloy
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Quarter turn operation
- For alternate cylinders, please contact Essentra for details

- ⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.				Column 4	Column 5
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Nylon Black	Stainless Steel Natural	Cylinder Description	
065110000	065120000	065200000	065400000	No Cylinder	
065110300	065120300	065200300	—	Stainless Steel Shutter (Keyed Alike)	
065110700	065120700	065200700	—	CH751 (Stainless Steel Shutter)	

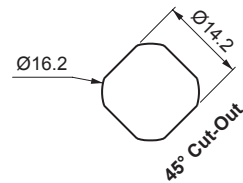
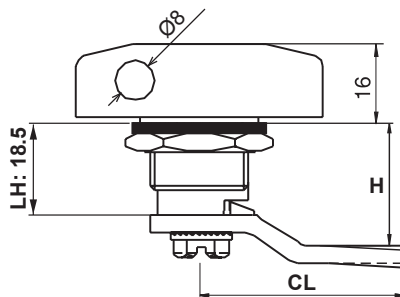
**CAM LATCHES - WING KNOB LOCKS****165 Series****Mini Cam Latches - Wing Knob Locks****Specifications:**

- Material:
Housing: Zinc Alloy
Cam: Zinc Alloy
Gasket: Rubber
- Finish: See Table
- Housing is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Wing operates lock and serves as knob
- Suitable for small enclosures
- For alternate cylinders, please contact Essentra for details

⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

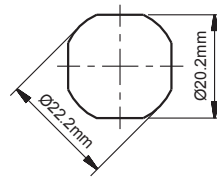
**262 Series****Quarter Turn Latches - Padlock Wing Knob Locks****Specifications:**

- Material:
Housing: Zinc Alloy
Knob: Zinc Alloy
Cam: Steel
- Finish: See Table
- Housing and Knob are DIN-EN 1774 rated

Features:

- Padlockable wing knob
- Maximum shackle diameter 6mm

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Cut-Out

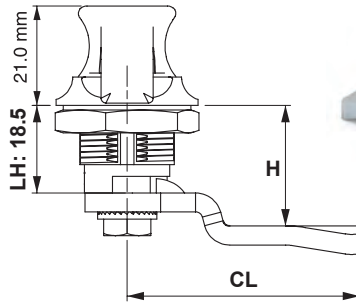
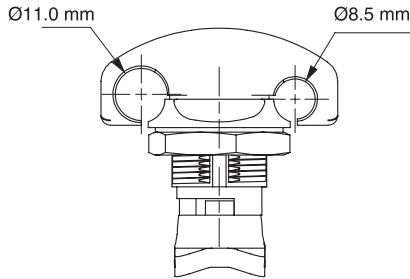
Item No.			Hand Operation
Chrome Plated	Black Powder Coated		
262100001	262200001		Right
262100002	262200002		Left



QUARTER TURN LATCHES - PADLOCK WING KNOB LOCKS / FIXED

562 Series

Quarter Turn Latches - Padlock Wing Knob Locks

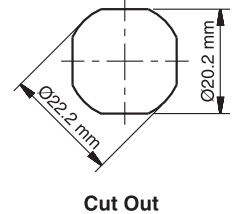
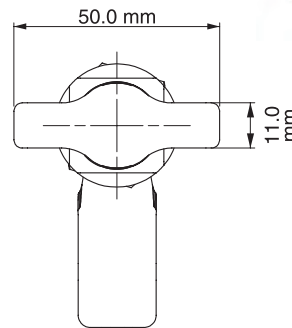


Specifications:

- Material: See Table
- Finish: See Table
- Housing and Knob are DIN-EN 1774 rated

Features:

- Padlockable wing knob
- Maximum shackle diameter is 10mm for 11mm hole
- Maximum shackle diameter is 6mm for 8.5mm hole

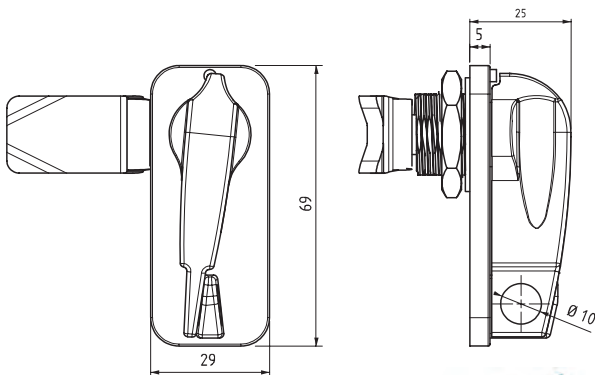


⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Material	Finish
562100	Zinc Alloy	Chrome Plated
562200	Zinc Alloy	Black Powder Coated
562400	Stainless Steel	Natural

662 Series

Fixed Quarter Turn Knob Latches - Padlockable

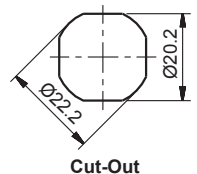
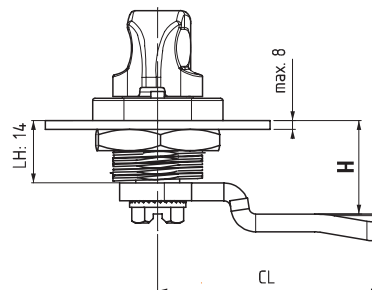


Specifications:

- Material:
Housing: Zinc Alloy
Knob: Zinc Alloy
- Finish: See Table
- Cam sold separately

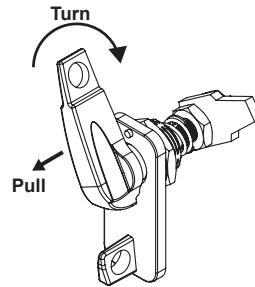
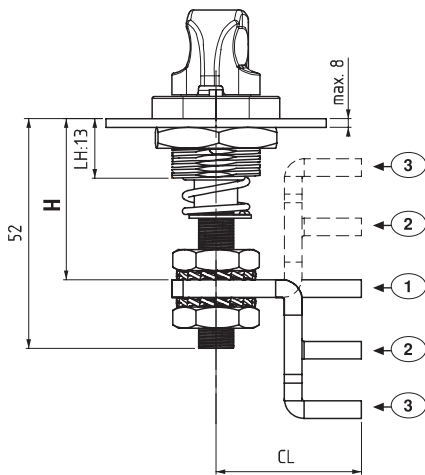
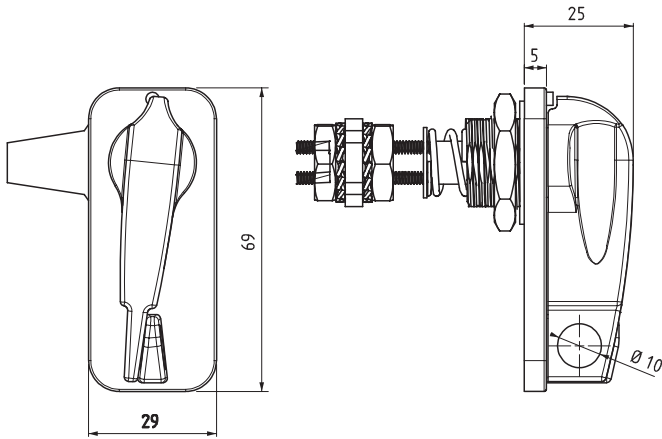
Features:

- Maximum padlock diameter is 8.0 mm

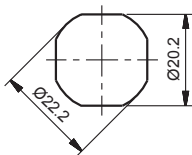


⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.		Hand Operation
Chrome Plated	Black Powder Coated	Right
66211100001	66211200001	Left
66211100002	66211200002	

**ADJUSTABLE QUARTER TURN LATCHES - PADLOCKABLE****662 Series****Adjustable Quarter Turn Knob Latches - Padlockable**

Left hand & Right hand
Pull and turn the knob



Cut-Out

Specifications:

- Material: Housing: Zinc Alloy
Knob: Zinc Alloy
- Finish: See Table
- Cam sold separately

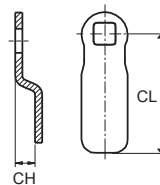
Features:

- Three styles of adjustable cams available
- Maximum padlock diameter is 8.0mm

▲ CAMS SOLD SEPARATELY. SEE TABLE >>

Cams Without Stoppers**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm



Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30403565	① Flat	0	33	Cam Straight	41	58
30403566	② Offset	14	33	Reversed	27	44
				Forward	55	72
30403567	③ Offset	27.5	33	Reversed	13.5	30.5
				Forward	68	85

*Grip is measured in latched position

Item No.

Chrome Plated

Black Powder Coated

Hinge Rotation

66221100

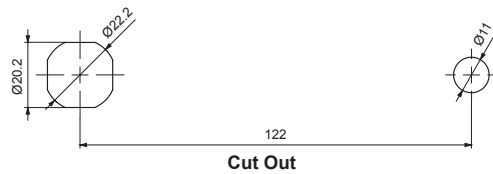
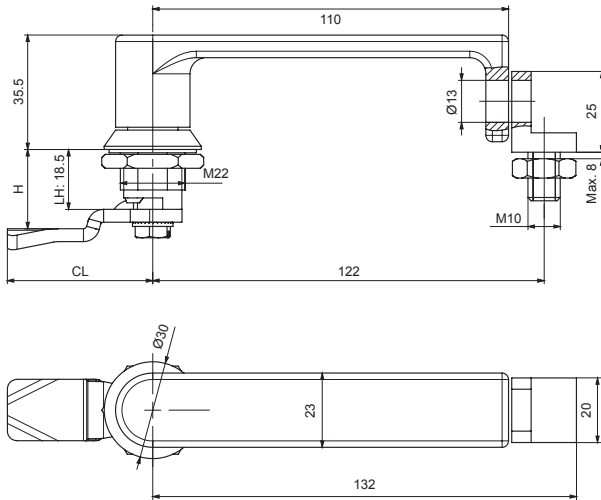
66221200

180°



QUARTER TURN LATCHES - PADLOCKABLE L HANDLE / LEVER LOCK

211 Series Quarter Turn Latch - Padlockable 'L' Handle

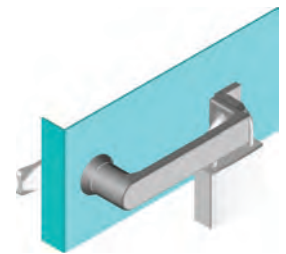


Specifications:

- Material: See Table
- Finish: See Table
- Zinc Alloy is DIN-EN 1774 rated

Features:

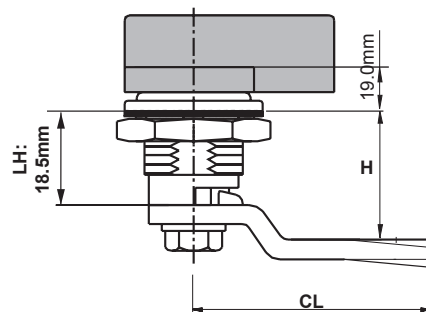
- Padlockable latch with handle
- Suitable for hygienic requirements



⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Material	Finish
211111100	Zinc Alloy	Chrome Plated
211121200	Zinc Alloy	Chrome Plated
2114000	Stainless Steel	No Finish

162 Series Quarter Turn Latches - Lever Lock

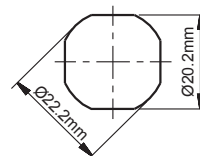


Specifications:

- Material:
Housing: Zinc Alloy
Knob: Nylon (PA6 30% GF)
Gasket: Rubber
- Housing is DIN-EN 1774 rated

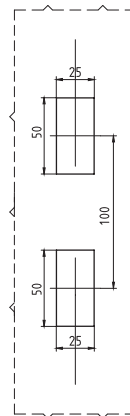
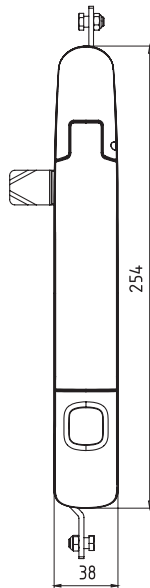
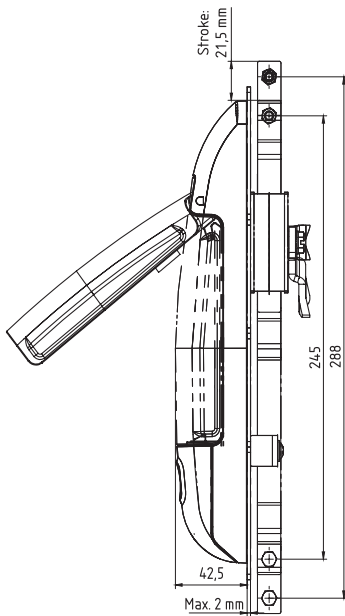
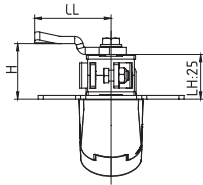
Features:

- Paco type knob



⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.
16200M

**204 Series
Swinghandle Latch Linear****Cut-Out****Specifications:**

- Material:
 - Body: Zinc Alloy
 - Handle: Zinc Alloy
 - Cover: Zinc Alloy
 - Seal: Polyurethane
 - Dust Cap: Stainless Steel
- Finishes: Chrome Plated, Black Powder Coated
- Zinc Alloy is DIN-EN 1774 rated
- Please contact Essentra for alternate finishes and high-security cylinders
- Two keys supplied with every lock

Features:

- All Metal construction
- Improved corrosion resistance
- High-security, brass, Euro profile single-cylinder available

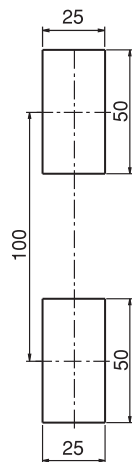
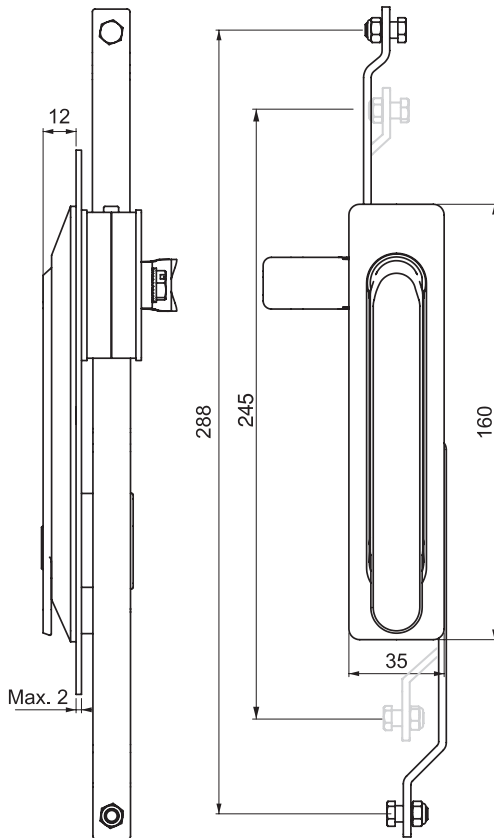
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



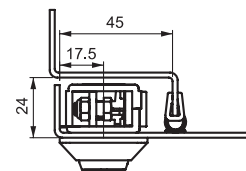
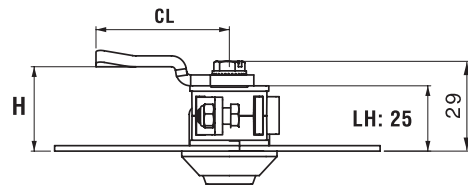
Item No.	Finish	Cylinder Type	Cylinder Description
2042122007001	Chrome Plated	03	Keyed Alike with Dust Cap



219 Series
Swinghandle Rod Controlling



Cut Out



Outside of gasketing

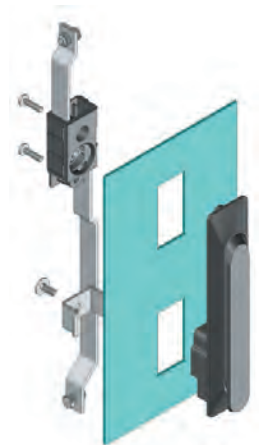


Specifications:

- Material:
Body: Zinc Alloy
Handle: Zinc Alloy
Finish: Black Powder Coated

Features:

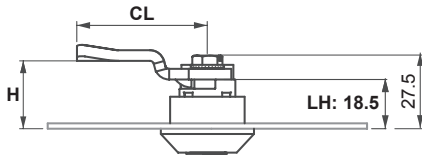
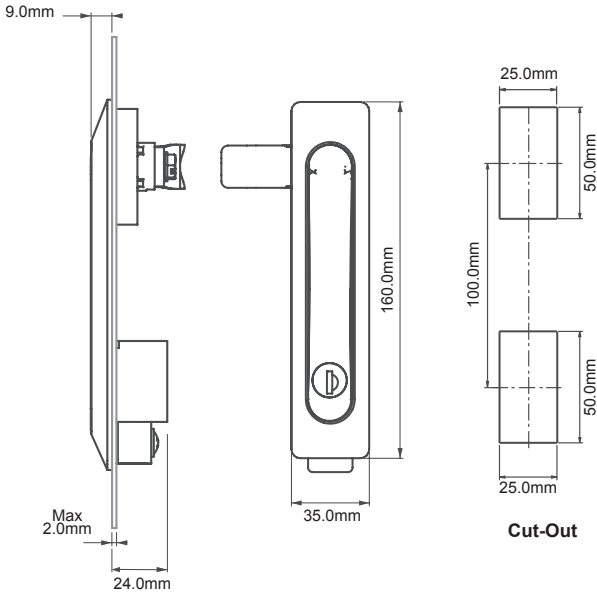
- Three point latching available with cam and rod system purchases
- Integrated gear-box located in housing for multiple point latching



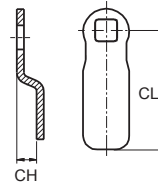
Item No.	Driver Style	Driver Description
2191200	00	Keyless



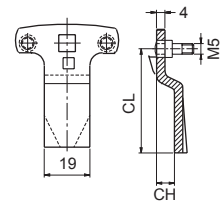
108 Series
Swinghandle Latches / Locks



Cams with Stoppers



Type 2 & 3



Type 4

Specifications:

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

Specifications:

- Material:
Body: Zinc Alloy, Nylon (PA6 30% GF)
Cam: Steel or Nylong (PA6 30% GF)
Handle: See Table
Finish: See Table
Seal: Polyurethane
- Housing and Knob are DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- All metal construction
- Spring-loaded, slam action swing handle
- For customized colors or alternate cylinder and driver options please contact Essentra

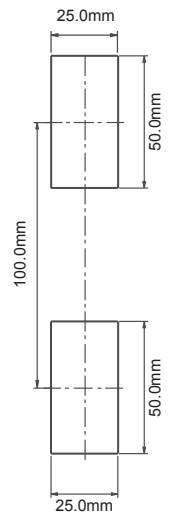
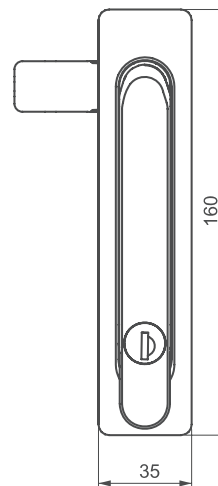
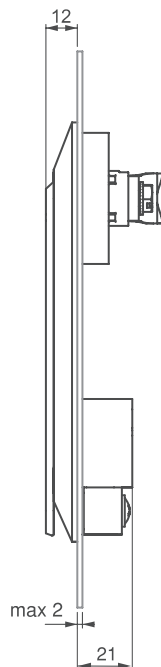
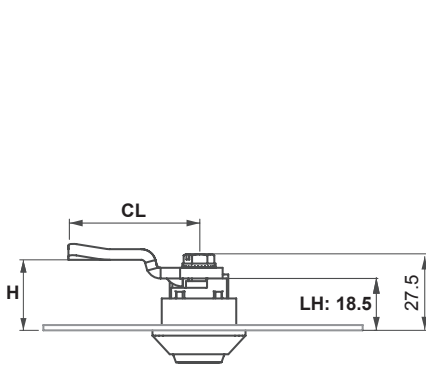
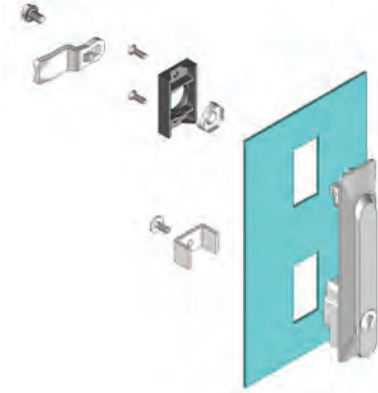
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Cam Type	CH	CL	H Grip*	
				Min	Max
30403140	④ Flat	0	51	18.5	60
30403525	④ Offset	2	45	20.5	20.5
30403470	② Offset	6	35	24.5	66
30403073	③ Offset	7	44	25.5	39

Item No.	Body Material	Body Finish / Color	Handle Material	Handle Finish	Cylinder / Driver	Cylinder Description
108220300	Nylon	Black	Zinc Alloy	Black Powder Coated	03	Stainless Steel Dust Cap (Keyed Alike)
108223200	Nylon	Black	Zinc Alloy	Black Powder Coated	32	Stainless Steel Dust Cap (Keyed to Differ)
10811110300	Zinc Alloy	Chrome Plated	Zinc Alloy	Chrome Plated	03	Stainless Steel Dust Cap (Keyed Alike)
10811110700	Zinc Alloy	Chrome Plated	Zinc Alloy	Chrome Plated	07	CH751 (Stainless Steel Dust Cap)
• 10811111500	Zinc Alloy	Chrome Plated	Zinc Alloy	Chrome Plated	15	5 mm Double Bit Driver
10811113200	Zinc Alloy	Chrome Plated	Zinc Alloy	Chrome Plated	32	Stainless Steel Dust Cap (Keyed to Differ)
10812120300	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	03	Stainless Steel Dust Cap (Keyed Alike)
10812120700	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	07	CH751 (Stainless Steel Dust Cap)
• 10812121500	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	15	5 mm Double Bit Driver
10812123200	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	32	Stainless Steel Dust Cap (Keyed to Differ)



208 Series
Swinghandle Latches / Locks



Cut-Out

Specifications:

- Material: See Table
- Finish: See Table
- Seal: Polyurethane
- Zinc Alloy is DIN-EN 1774 rated
- Nylon is DIN-EN ISO 1043-1 rated
- Two keys supplied with every lock

Features:

- Key can be removed at unlocked position

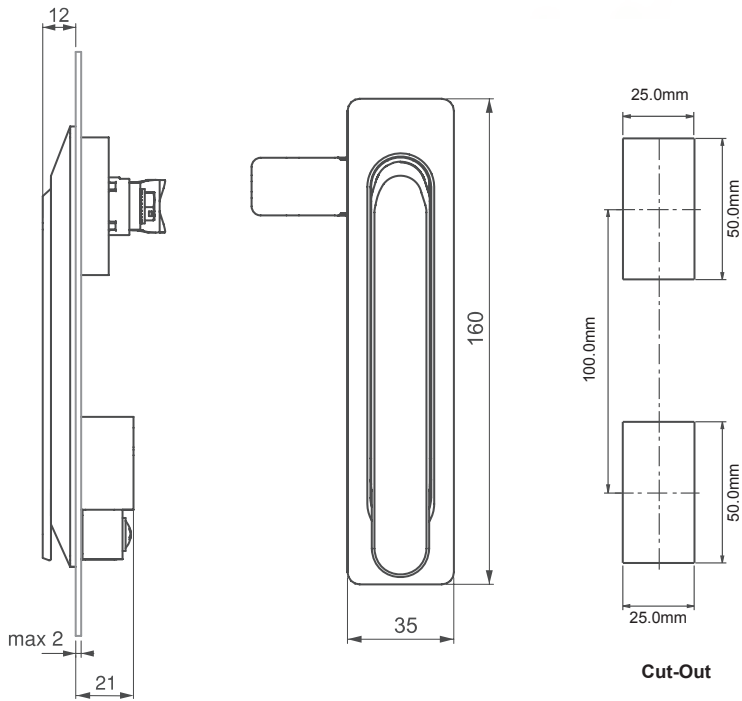
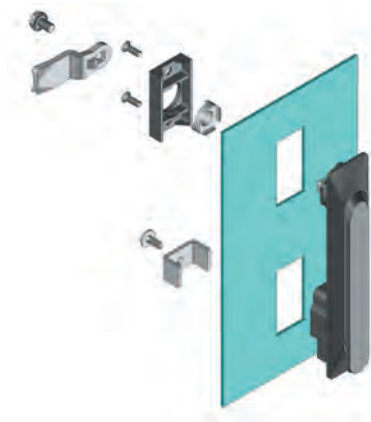
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Body / Handle Material	Finish	Cylinder Description
208110300	Zinc Alloy	Chrome Plated	Stainless Steel Shutter (Keyed Alike)
208110700	Zinc Alloy	Chrome Plated	CH751 (Stainless Steel Shutter)
208113200	Zinc Alloy	Chrome Plated	Stainless Steel Shutter (Keyed is Different)
2081103001	Zinc Alloy	Chrome Plated	Stainless Steel Shutter (Keyed Alike) w/Padlock
208120300	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed Alike)
208123200	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed is Different)
2081203001	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed Alike) w/Padlock
208200300	Nylon	Black	Stainless Steel Shutter (Keyed Alike)
208200700	Nylon	Black	CH751 (Stainless Steel Shutter)
208203200	Nylon	Black	Stainless Steel Shutter (Keyed is Different)



SWINGHANDLES

218 Series Swinghandle Latches / Locks



Cut-Out

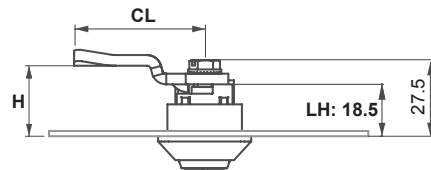
Specifications:

- Material: See Table
- Seal: Polyurethane
- Finish: See Table
- Nylon is DIN-EN ISO 1043-1 rated

Features:

- Concealed special cam on the handle provides ease of installation
- Ideal for both indoor and outdoor applications

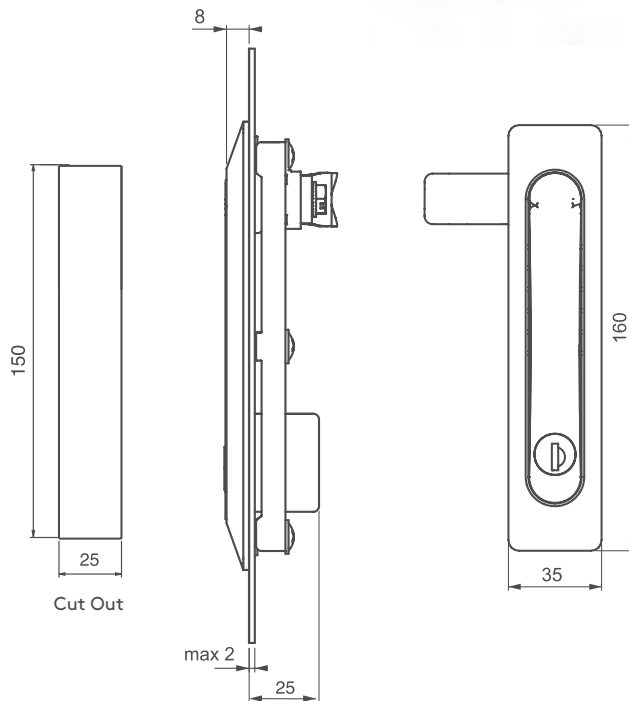
▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Item No.	Material	Finish/Color
2181100	Zinc Alloy	Chrome Plated
2181200	Zinc Alloy	Black Powder Coated
2182000	Nylon	Black



008 Series
Swinghandle Latch



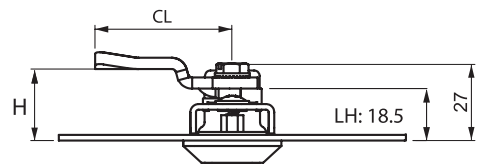
Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Handle: Zinc Alloy
Seal: Polyurethane
- Finishes: Refer to chart
- Nylon is DIN-EN ISO 1043-1 rated
- Zinc Alloy is DIN-EN 1774 rated
- IP 65 (NEMA 4) rated

Features:

- Spring-loaded design
- Ultra low external profile, only 9mm protrusion
- Please contact essentra for alternate cylinder or driver options
- Two keys supplied with every lock

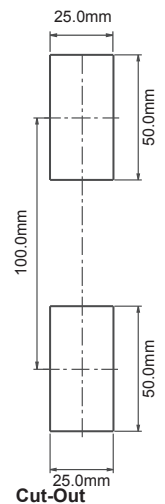
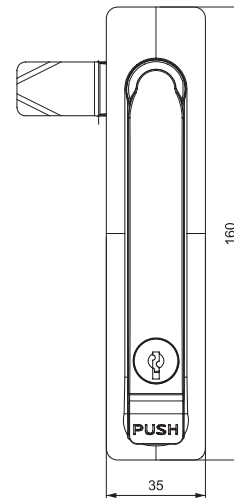
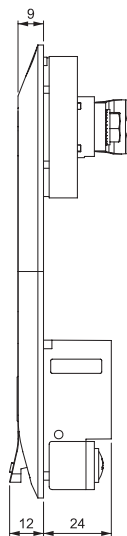
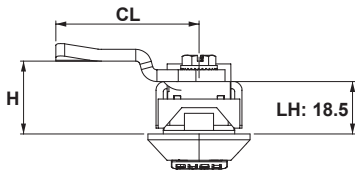
▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Item No.	Handle / Lever Finish	Cylinder Type	Cylinder Description
008120300	Chrome Plated	03	Keyed Alike
008120700	Chrome Plated	07	Keyed CH751
008122000	Chrome Plated	20	Keyed Alike, High Security
008220300	Black Powder Coated	03	Keyed Alike
008220500	Black Powder Coated	05	Keyed EURO
008220700	Black Powder Coated	07	Keyed CH751
008221500	Black Powder Coated	15	5 mm Double Bit Driver
008222000	Black Powder Coated	20	Keyed Alike, High Security



908 Series Swinghandle Latch



Specifications:

- Material:
 - Body: See Table
 - Handle: Zinc Alloy, Black Nylon (PA6 30% GF)
 - Cam: Steel, Nylon
 - Seal: Polyurethane
 - Dust Cap: Stainless Steel
- Finish: See Table
- Zinc Alloy is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

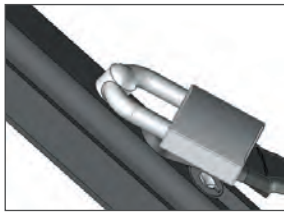
- Swinghandle with push button
- Ultra low external profile, only 9mm protrusion
- Please contact Essentra for alternate finishes, cylinder or driver options and high-security cylinders

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

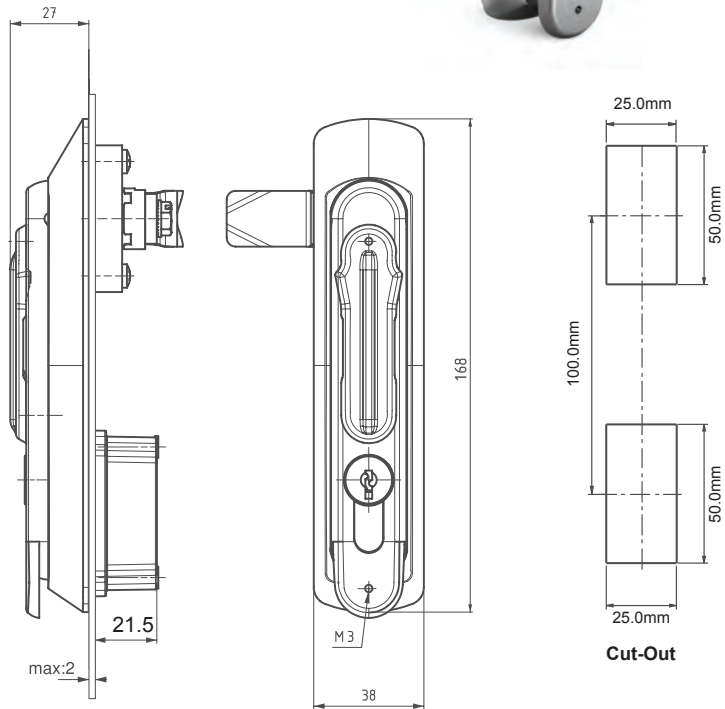
Item No.	Handle Finish	Body Material	Body Finish / Color	Cylinder / Driver Style	Cylinder Description
90811110000	Chrome Plated	Zinc Alloy	Chrome Plated	00	Keyless No Cylinder
90811110700	Chrome Plated	Zinc Alloy	Chrome Plated	07	Keyed CH751
90811111500	Chrome Plated	Zinc Alloy	Chrome Plated	15	5 mm Double Bit
90811112000	Chrome Plated	Zinc Alloy	Chrome Plated	20	Keyed Alike High-Security
90811120000	Chrome Plated	Zinc Alloy	Black Powder Coated	00	Keyless No Cylinder
90811120700	Chrome Plated	Zinc Alloy	Black Powder Coated	07	Keyed CH751
90811121500	Chrome Plated	Zinc Alloy	Black Powder Coated	15	5 mm Double Bit
90811122000	Chrome Plated	Zinc Alloy	Black Powder Coated	20	Keyed Alike High-Security
90811200700	Chrome Plated	Nylon	Black	07	Keyed CH751
90811201500	Chrome Plated	Nylon	Black	15	5 mm Double Bit
90811202000	Chrome Plated	Nylon	Black	20	Keyed Alike High-Security
90812110000	Black Powder Coated	Zinc Alloy	Chrome Plated	00	Keyless No Cylinder
90812110300	Black Powder Coated	Zinc Alloy	Chrome Plated	03	Keyed Alike
90812110700	Black Powder Coated	Zinc Alloy	Chrome Plated	07	Keyed CH751
90812111500	Black Powder Coated	Zinc Alloy	Chrome Plated	15	5 mm Double Bit
90812112000	Black Powder Coated	Zinc Alloy	Chrome Plated	20	Keyed Alike High-Security
90812113200	Black Powder Coated	Zinc Alloy	Chrome Plated	32	CH751 with Dust Cap
90812120000	Black Powder Coated	Zinc Alloy	Black Powder Coated	00	Keyless No Cylinder
90812120700	Black Powder Coated	Zinc Alloy	Black Powder Coated	07	Keyed CH751
90812122000	Black Powder Coated	Zinc Alloy	Black Powder Coated	20	Keyed Alike High-Security
90812200000	Black Powder Coated	Nylon	Black	00	Keyless No Cylinder
90812200700	Black Powder Coated	Nylon	Black	07	Keyed CH751
90812201500	Black Powder Coated	Nylon	Black	15	5 mm Double Bit
90812202000	Black Powder Coated	Nylon	Black	20	Keyed Alike High-Security



601 Series
Swinghandle Latch



Pad Lock Version



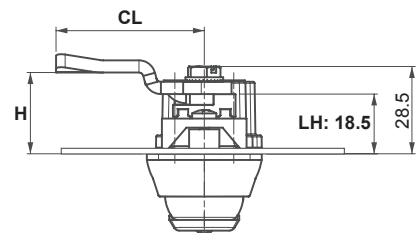
Specifications:

- **Material:**
Body: Zinc Alloy
Handle: Zinc Alloy
Cover: Zinc Alloy
Seal: Polyurethane
Dust Cap: Stainless Steel
- **Finish:** See Table
- Zinc Alloy is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- All-Metal construction
- Improved corrosion resistance
- For alternate or high security cylinders, please contact Essentra for details

▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

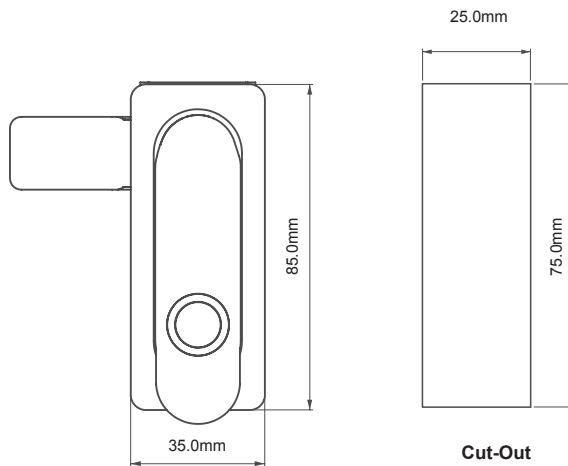
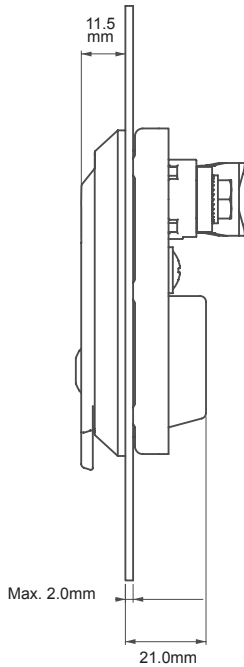
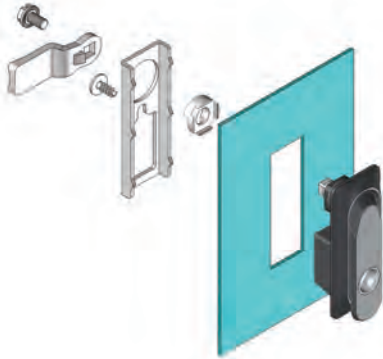


Item No.	Finish	Cylinder Description
60111110300	Chrome Plated	Keyed Alike (Stainless Steel Shutter)
60111110700	Chrome Plated	CH751 (Stainless Steel Shutter)
60111113200	Chrome Plated	Keyed Different (Stainless Steel Shutter)
601111103001	Chrome Plated	Keyed Alike (Stainless Steel Shutter) w/Padlock
60112120300	Black Powder Coated	Keyed Alike (Stainless Steel Shutter)
60112120700	Black Powder Coated	CH751 (Stainless Steel Shutter)
60112123200	Black Powder Coated	Keyed Different (Stainless Steel Shutter)
601121203001	Black Powder Coated	Keyed Alike (Stainless Steel Shutter) w/Padlock



SWINGHANDLES

708 Series Push Button Swinghandle Latch

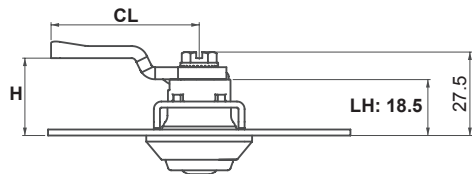


Specifications:

- Material:
 - Body: Nylon Black (PA6 30% GF)
 - Handle: Nylon Black (PA6 30% GF)
 - Button: Zinc Alloy
 - Seal: Polyurethane inside perimeter groove
- Finish: See Table
- Nylon is DIN-EN ISO 1043-1 rated
- Zinc Alloy compliant to DIN-EN 1774

Features:

- Operates by push-button
- Ideal for electric panels, machinery covers and rack enclosures

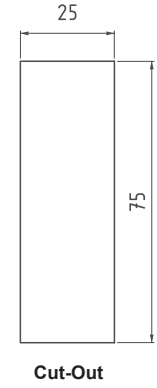
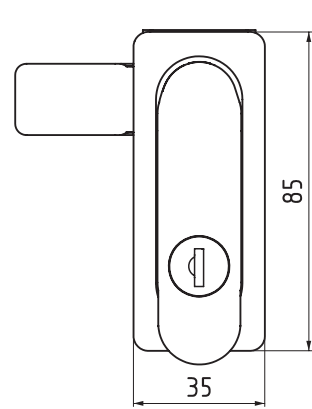
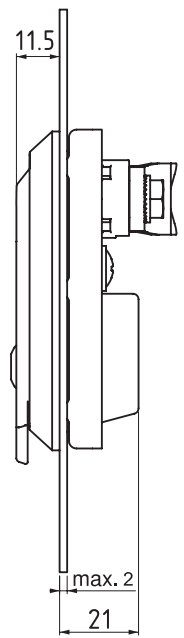
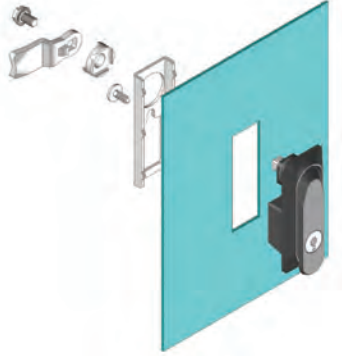


⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Button Finish
708201100	Chrome Plated
708201200	Black Powder Coated



**708 Series
 Swinghandle Latch**



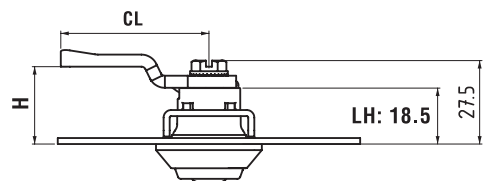
Specifications:

- Material:
 Body: Nylon Black (PA6 30% GF)
 Handle: Nylon (PA6 30% GF)
 Cylinder: Zinc Alloy
 Seal: Polyurethane (inside perimeter groove)
- Nylon is DIN-EN ISO 1043-1 rated
- Zinc Alloy compliant to DIN-EN 1774

Features:

- Operates by push-button
- Ideal for electric panels
- Machinery covers and rack enclosures

▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

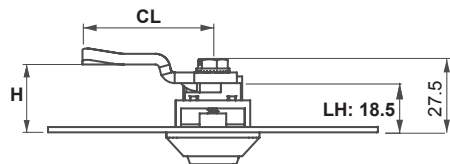
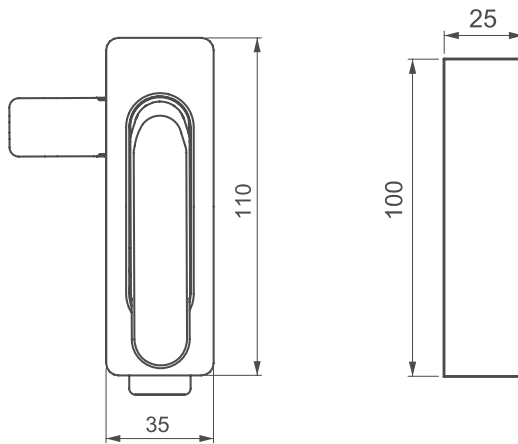
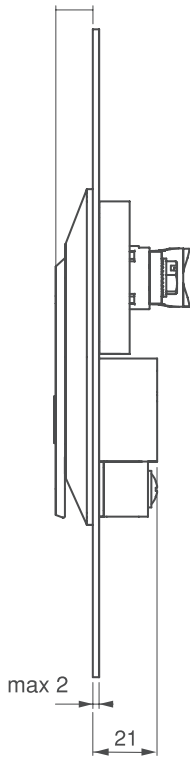


Item No.	Cylinder Style	Cylinder Description
7082020300	03	Keyed Alike



SWINGHANDLES - SMALL

318 Series
Small Swinghandle Latches



Specifications:

- Material: See Table
- Finish: See Table
- Nylon is DIN EN / ISO 1043 rated

Features:

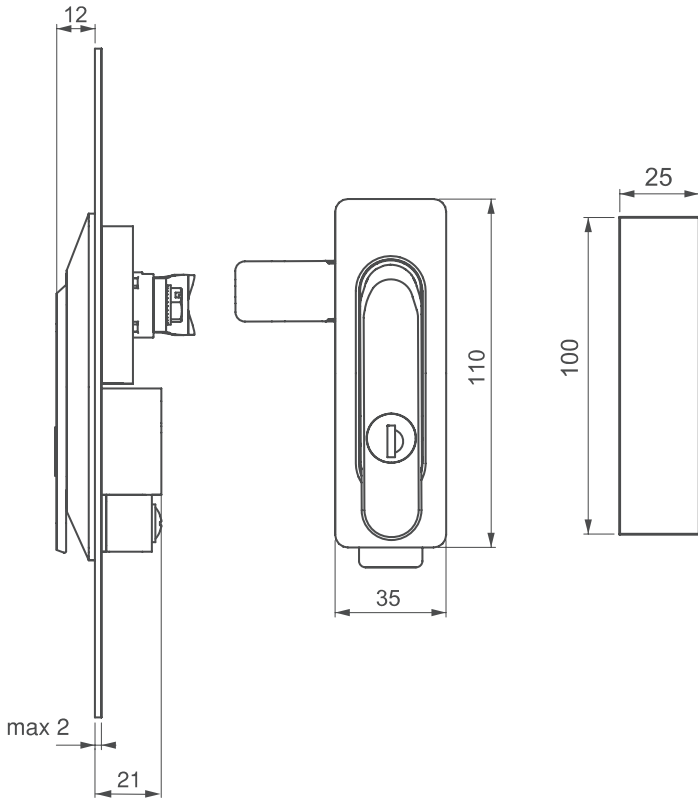
- Ideal for both indoor and outdoor applications

▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

Item No.	Material	Finish
31811200	Zinc Alloy	Chrome Plated
31812200	Zinc Alloy	Black Powder Coated
31820200	Nylon	Black



308 Series
Small Swinghandle Latches



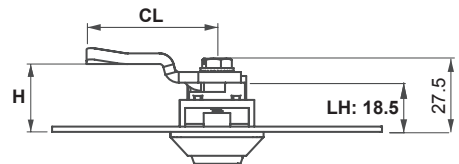
Specifications:

- **Material:**
 Body: Black Nylon (PA6 30% GF)
 Handle: See Table
 Seal: Polyurethane
- **Finish:** See Table
- Zinc Alloy is DIN-EN 1774 rated
- Nylon is DIN-EN ISO 1043-1 rated
- Two keys supplied with every lock

Features:

- Ideal for indoor or outdoor applications
- Please contact Essentra for alternate cylinder and driver options

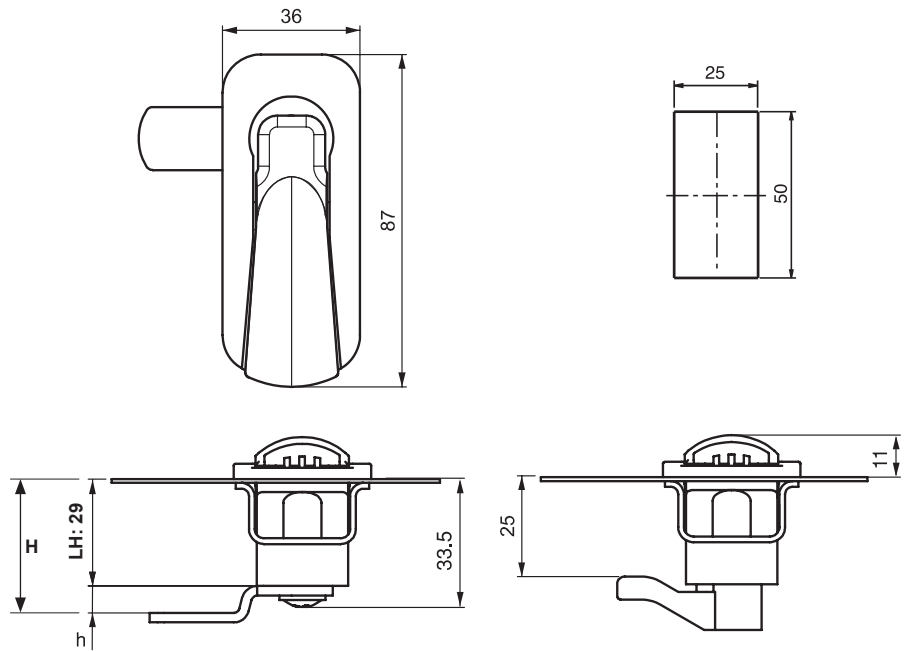
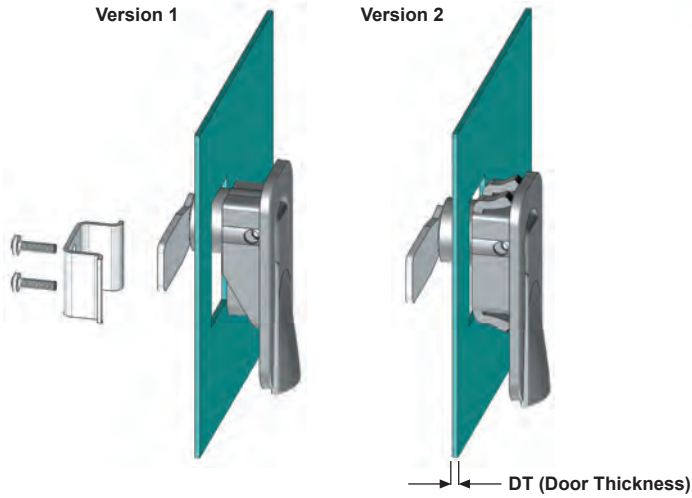
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 595.



Item No.	Handle Material	Handle Finish	Cylinder / Driver Type	Cylinder Description
3081220300	Zinc Alloy	Chrome Plated	03	Keyed Alike
• 3081220700	Zinc Alloy	Black Powder Coated	07	Keyed EURO
3081223200	Zinc Alloy	Black Powder Coated	32	Keyed Different
3082020300	Nylon	Black	03	Keyed Alike
3082023200	Nylon	Black	32	Keyed Different

**LIFT & TURN LATCHES****072 Series**

Functional Lock - Lift & Turn Latch



Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
- Housing is DIN-EN 1043-1 rated

Features:

- Suitable for all panels

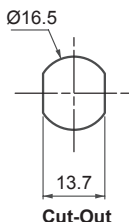
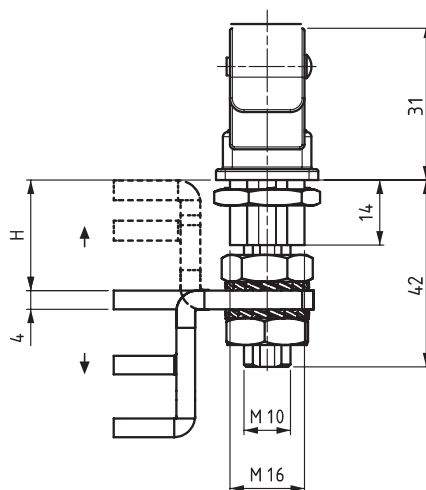
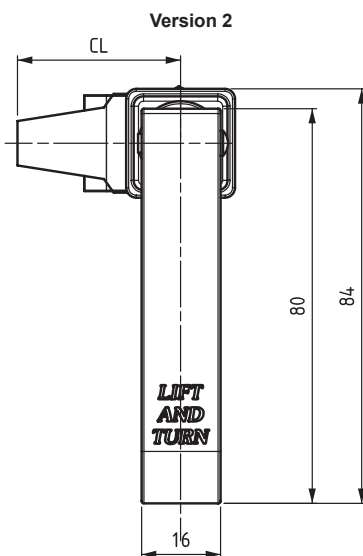
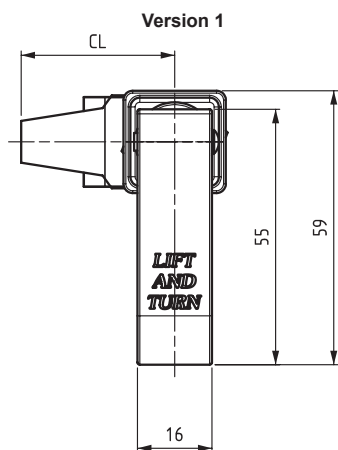
⚠ CAMS SOLD SEPARATELY. SEE PAGE 595.

Item No.	Panel Thickness		Version	Version Description	Hand Operation
	mm				
072100001	0.8 - 2.0		1	Bracket Fastening	Right
072100002	0.8 - 2.0		1	Bracket Fastening	Left
072200001	0.8 - 2.0		2	Molded-in Fastening Clips	Right
072200002	0.8 - 2.0		2	Molded-in Fastening Clips	Left

LIFT & TURN LATCHES



170 Series Lift-and-Turn Latches - Fixed Compression Locks



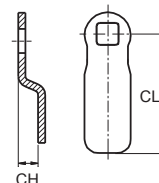
- Specifications:
- Material:
 - Housing: Zinc Alloy
 - Handle: Zinc Alloy
 - Finish: See Table
 - Housing and Handle are DIN-EN 1774 rated

- Features:
- Applicable Cams are without stoppers
 - Provides 5mm preset compression

⚠ CAMS SOLD SEPARATELY. See Table >>

Cams without Stoppers

- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 4mm



Item No.	Cam Type	CH	CL	H Grip*	
				Min	Max
30403565	① Flat	0	33	22.5	30
30403566	② Offset	14	33	8.5	44
30403567	③ Offset	27.5	33	0	57.5

*Grip is measured in latched position

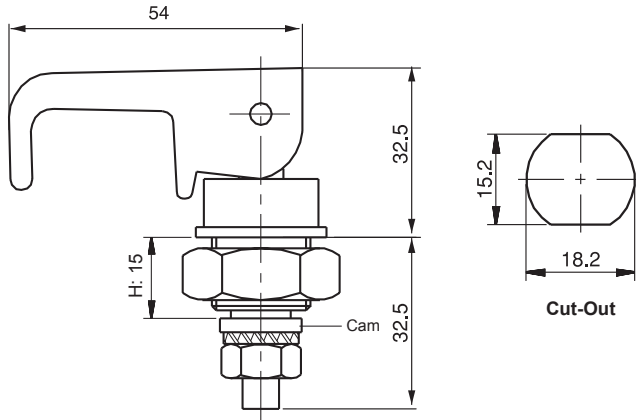
Item No.		Version Type	Handle
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated		mm
17011100	17011200	1	55
17021100	17021200	2	80



LIFT & TURN LATCHES

070 Series

Lift-and-Turn Latches - Compression Locks



Specifications:

- Material:
 - Body: Nylon Black (PA6 30% GF)
 - Cam: Steel
- Housing and Handle are DIN-EN ISO 1043-1 rated
- Standard flat cam included
- Latch includes flat cam

Features:

- Suitable for a variety of panels
- Provides 5mm preset compression

Item No.	CH Cam Height	CL Cam Length	H Grip
070	0	45	15

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**270 Series
Swell Latch**

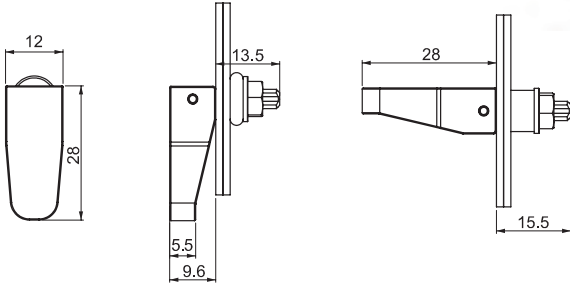


Versions 1 & 2

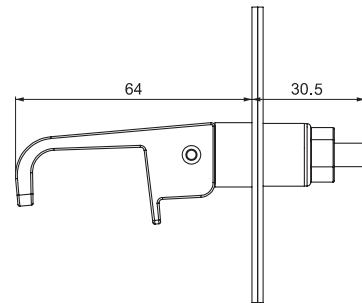
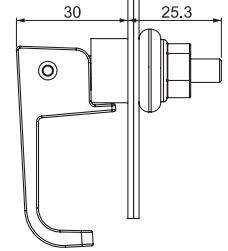
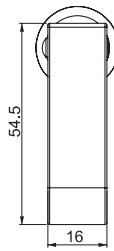
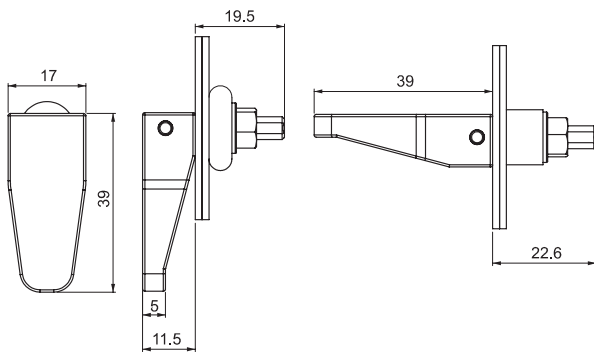
Version 3



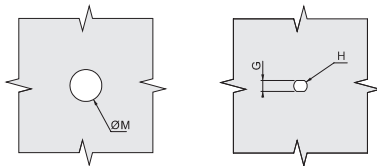
Version 1



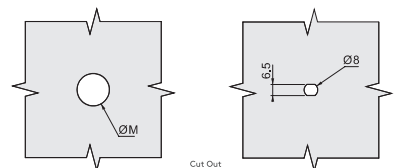
Version 2



Cut-Out



Cut-Out



Specifications:

- **Material:**
Handle: Zinc Alloy, Nylon Black (PA6 30% GF)
Washer: Nylon Black (PA66)
Nut: Nylon Black (PA66)
Bushing: SBR Rubber
- Latch is DIN-EN ISO 1043-1 rated

Features:

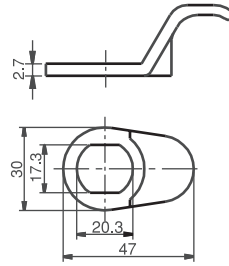
- Used for the cabinets that require better performance under vibration conditions
- It is suitable with special Cut-Out for different frame thickness
- Applications include electrical panels, machinery covers, railway and construction equipment



Item No.	Version	Material	Finish	G +0.1 - 0.0	H +0.1 - 0.0	Cut-Out ØM	Frame Thickness
270201	1	Nylon	Black	3.3	4.1	9.5	3.2
270202	2	Nylon	Black	4.5	5.8	13.5	Up to 3.2mm
						14.0	3.2 - 4.8
						19.1	1.2 - 3.2
270123	3	Zinc Alloy	Black Powder Coated	—	—	19.5	3.2 - 4.8
						20.0	4.8 - 6.4
						20.5	6.4 and up



Lock Handle



Specifications:

- Material: Nylon (30% GF)
- Color: Black

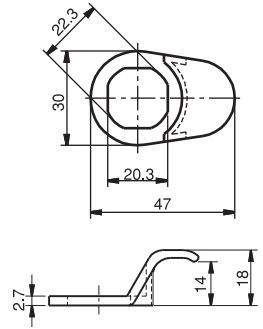
Features:

- Allows lock to be fitted to thick doors
- Easy installation for isolated doors

Item No.

050A3

Finger Pull Latch Handle



Specifications:

- Material: Nylon (30% GF)
- Color: Black

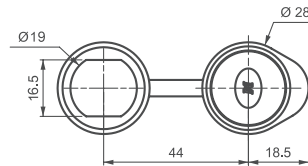
Features:

- Allows lock to be fitted to thick doors
- Easy installation for isolated doors

Item No.

060A2

Dust Cap



Specifications:

- Material: Nylon (30% GF)
- Color: Black

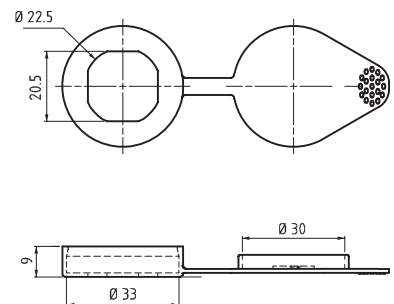
Features:

- Protects against dust and debris

Item No.

050A4

Dust Cap



Specifications:

- Material: Polyurethane
- Color: Black

Features:

- Recommended when dust and humidity protection is required

Item No.

060A7



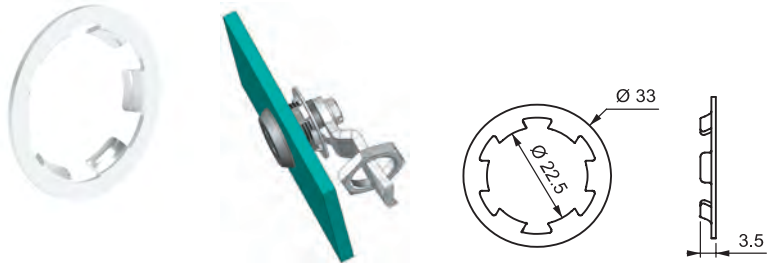
Lock Washer

Specifications:

- Material: Steel
- Finish: Zinc Plated

Features:

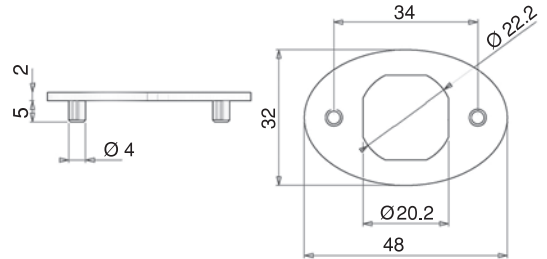
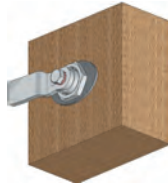
- Prevents rotation
- Ideal for applications subject to rotation



Item No.

060A3

Installation Bracket



Specifications:

- Material: Zinc Alloy

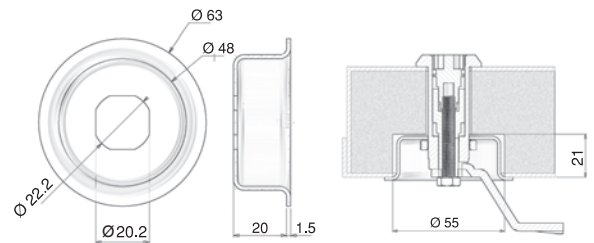
Features:

- Installation device for wooden applications

Item No.

060A5

Spacer



Specifications:

- Material: Steel
- Finish: Zinc Plated

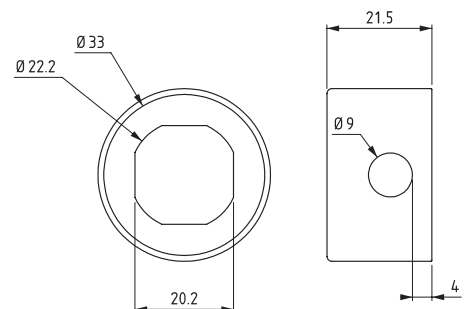
Features:

- Allows lock to be fitted to thick doors
- Easy installation for isolated doors

Item No.

060A6

Padlock Adapter



Specifications:

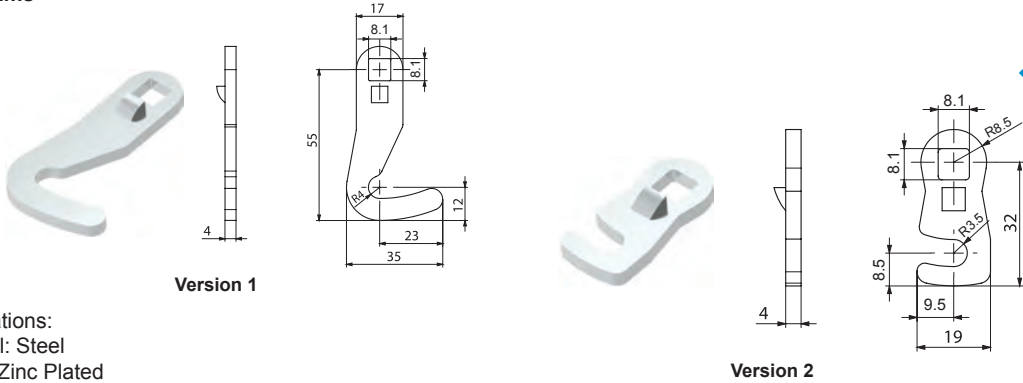
- Material: Steel
- Finish: Zinc Plated

Features:

- Max shackle diameter is 8mm

Item No.

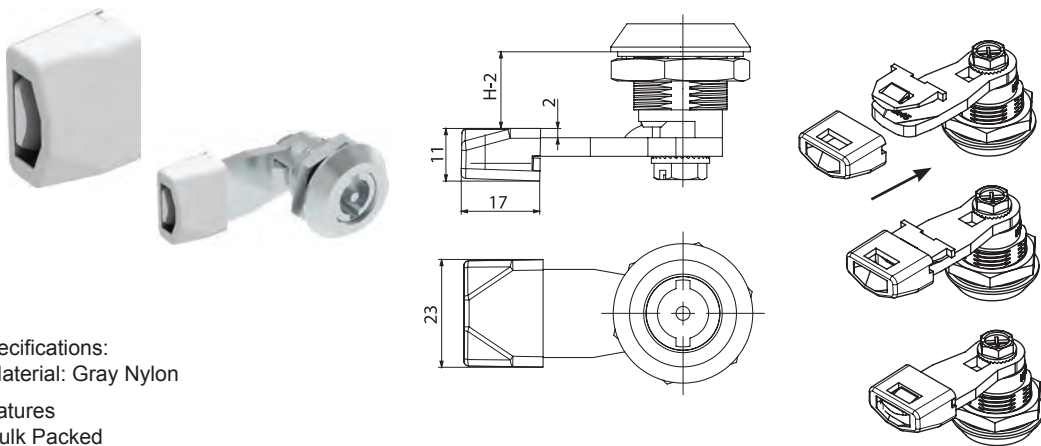
060A8

**LATCH & LOCK ACCESSORIES****Hook Cams**

Specifications:

- Material: Steel
- Finish: Zinc Plated

Item No.	Version	Height mm	Length mm
30403485	1	55	35
30403712	2	32	19

Slide Shoe for Cam

Specifications:

- Material: Gray Nylon

Features

- Bulk Packed

Item No.

32002180

Flat Rod Bracket for 204 Series

Specifications:

- Material: Black Nylon

Features

- Use with 204 series on page 568
- Clip-in part reduces mounting time by 50%
- Bulk Packed



Item No.

32002225

Bolt Cover - Cam Lock for 761 Series Plug

Specifications:

- Material: Black Nylon

Features

- Use with 761 series on pages 547 - 548
- Bulk Packed



Item No.

32002221



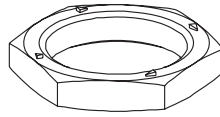
Latch Retainer Hex Nuts

Specifications:

- Material: Steel
- Finish: Zinc Plated

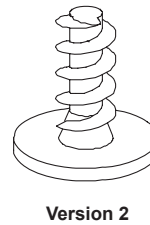
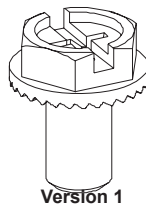
Features

- Bulk Packed



Item No.	Hex Nut Size
30501008	M19
30501015	M22

Latch Accessory Screws



Specifications:

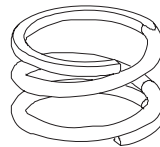
- Material: Steel
- Finish: Zinc Plated

Features

- Bulk Packed

Item No.	Version	Screw Type
30603002	1	M6 6x10
30603055	2	M5 5x11 RYSB

Latch Accessory Spring



Specifications:

- Material: Steel
- Finish: Zinc Plated

Features

- Bulk Packed

Item No.
30703001

O-Ring for Latch Inserts



Specifications:

- Material: EPDM

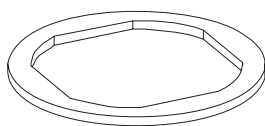
Features

- Bulk Packed

Item No.
30802002



Latch Housing Sealing Washer



Specifications:

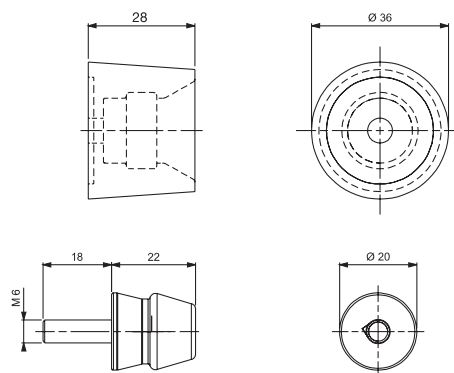
- Material: Black Rubber

Features

- Bulk Packed

Item No.	Size
30802021	mm 22

Door Holdback



Specifications:

- Material: NBR Rubber
- Color: Black

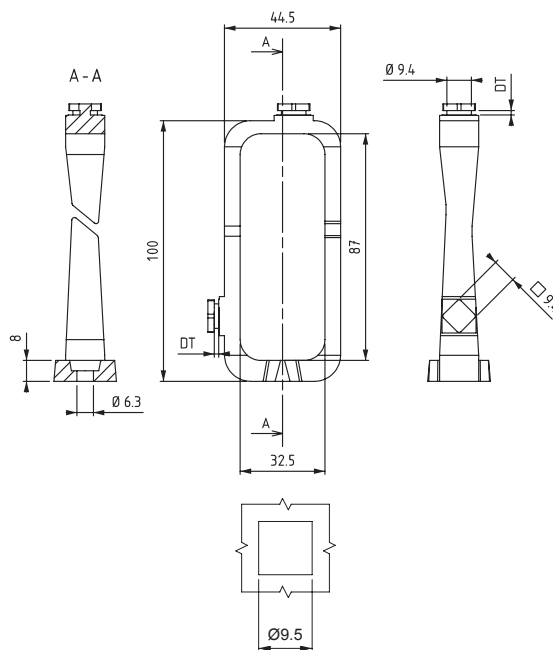
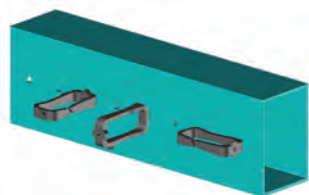
Features:

- Absorbs shock while door is connected to frame
- Keeps the door at open position and can be used instead of cover stays
- Suitable for outdoor cabinets with high corrosion resistance

Item Number
34008001

320 Series

Cable Shunting Rings



Specifications:

- Materials: Nylon (PA6 30% GF)
- Color: Black

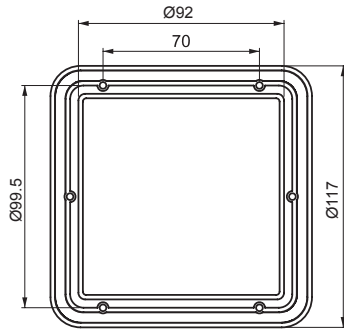
Features:

- Quick fixing in a square hole by turning 45° or mount by using M6 screws
- Install horizontal or vertical

Item No.	Panel Thickness
32002164	mm 1.3 - 1.5
32002165	1.6 - 2.0



2215 & 2216 Series Counter Screen



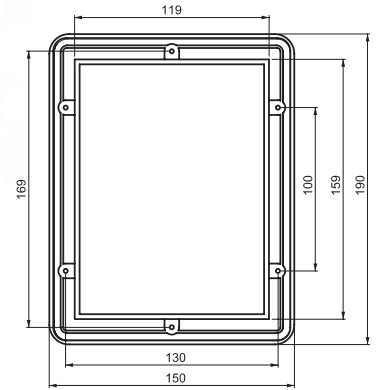
Version 1

Specifications:

- Material: Polycarbonate (Heat and UV stabilized)
- Color: Transparent

Features:

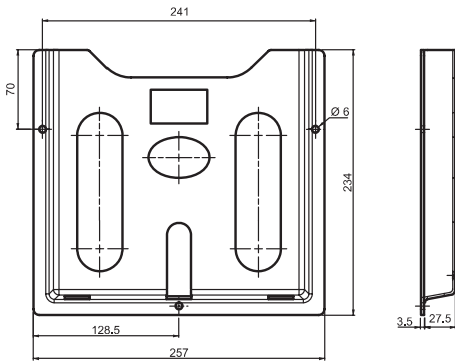
- Allows counters or dials to be viewed from outside enclosure



Version 2

Item No.	Version
2215	1
2216	2

2150 & 2152 Series Document Holder



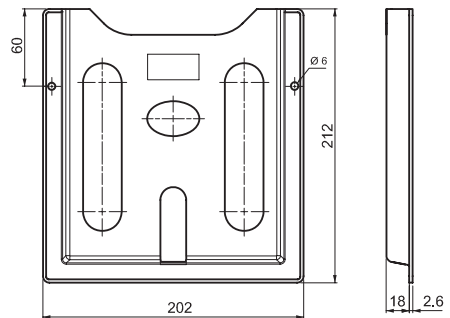
Version 1

Specifications:

- Material: Polystyrene
- Color: Grey

Features:

- Used to store documents or folders
- Can be secured using screws, bolts or adhesive strips

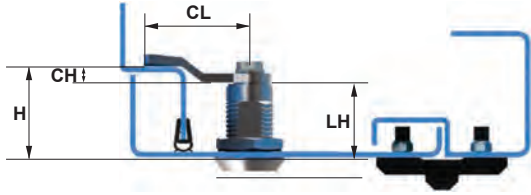


Version 2

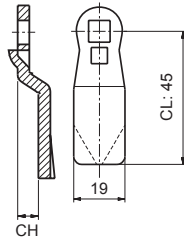
Item No.	Version
2150	1
2152	2

**CAMS WITH STOPPERS****Cams With Stoppers**

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options

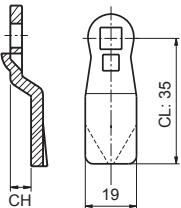


Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

Cam Style 1**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

Item No.	CC	CH	CL	H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403033	30	0	45	18.5	20	30	40	50	60
30403439	17	1	45	19.5	21	31	41	51	61
30403159	35	2	45	20.5	22	32	42	52	62
30403063	31	3	45	21.5	23	33	43	53	63
30403149	33	4	45	22.5	24	34	44	54	64
30403160	34	6	45	24.5	26	36	46	56	66
30403161	36	8	45	26.5	28	38	48	58	68
30403162	47	10	45	28.5	30	40	50	60	70
30403045	44	12	45	30.5	32	42	52	62	72
30403163	48	14	45	32.5	34	44	54	64	74
30403151	49	16	45	34.5	36	46	56	66	76
30403165	55	18	45	36.5	38	48	58	68	78
30403166	56	20	45	38.5	40	50	60	70	80
30403167	57	22	45	40.5	42	52	62	72	82
30403168	58	24	45	42.5	44	54	64	74	84
30403169	37	-2	45	16.5	18	28	38	48	58
30403170	38	-4	45	14.5	16	26	36	46	56
30403171	39	-6	45	12.5	14	24	34	44	54
30403172	59	-8	45	10.5	12	22	32	42	52
30403173	60	-10	45	8.5	10	20	30	40	50
30403174	61	-12	45	6.5	8	18	28	38	48
30403175	62	-14	45	4.5	6	16	26	36	46

Cam Style 2**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

Item No.	CC	CH	CL	H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403187	11	-2	35	16.5	18	28	38	48	58
30403185	12	0	35	18.5	20	30	40	50	60
30403186	13	2	35	20.5	22	32	42	52	62
30403188	14	4	35	22.5	24	34	44	54	64
30403470	15	6	35	24.5	26	36	46	56	66
30403471	16	7	35	25.5	27	37	47	57	67
30403189	23	10	35	28.5	30	40	50	60	70
30403046	52	26	35	44.5	46	56	66	76	86

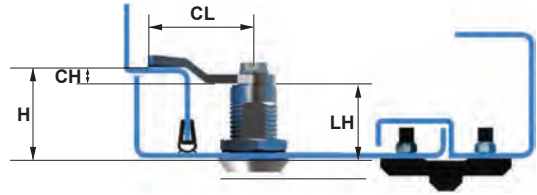
**LOCAL STOCK****SAME DAY SHIPPING****SHOP OVER 35,000 PRODUCTS ONLINE**

CAMS WITH STOPPERS



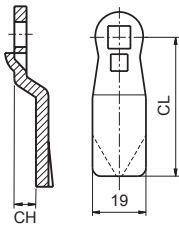
Cams With Stoppers

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options



Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

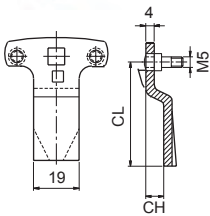
Cam Style 3



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 4mm

Item No.	CC	CH		H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403031	10	0	29	18.5	20	30	40	50	60
30403032	20	0	38	18.5	20	30	40	50	60
30403036	70	0	66	18.5	20	30	40	50	60
30403034	40	0	51	18.5	20	30	40	50	60
30403037	21	3	38	21.5	23	33	43	53	63
30403038	41	3	51	21.5	23	33	43	53	63
30403129	22	6	37	24.5	26	36	46	56	66
30403039	32	7	44	25.5	27	37	47	57	67
30403040	42	7	49	25.5	27	37	47	57	67
30403043	43	10	48	28.5	30	40	50	60	70

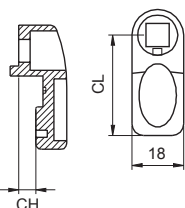
Cam Style 4



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 4mm

Item No.	CC	CH		H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403140	03	0	51	18.5	20	30	40	50	60
30403522	06	0	45	18.5	20	30	40	50	60
30403047	01	7	49	25.5	27	37	47	57	67
30403524	07	2	45	20.5	22	32	42	52	62
30403526	08	3	45	21.5	23	33	43	53	63
30403528	09	4	45	22.5	24	34	44	54	64
30403530	100	5	45	23.5	25	35	45	55	65
30403532	101	6	45	24.5	26	36	46	56	66
30403534	102	7	45	25.5	27	37	47	57	67
30403147	02	12	46	30.5	32	42	52	62	72
30403536	103	14	45	32.5	34	44	54	64	74

Cam Style 5

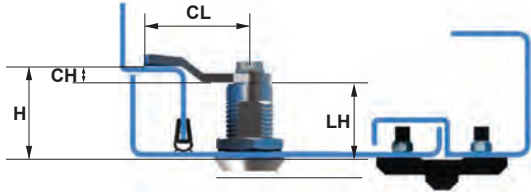


- Specifications:
- Material: Nylon
 - Color: Black
 - Thickness: Contact Essentra for details as needed

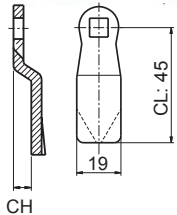
Item No.	CC	CH		H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30402004	90	0	35	18.5	20	30	40	50	60
30402011	93	0	25	18.5	20	30	40	50	60
30402005	91	6	35	24.5	26	36	46	56	66
30402008	92	4	45	22.5	24	34	44	54	64
30402013	94	-4	45	14.5	16	26	36	46	56

**CAMS WITHOUT STOPPERS****Cams without Stoppers**

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options

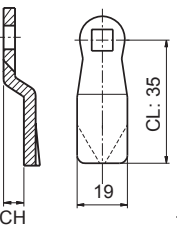


Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

Cam Style 1**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

Item No.	CC	CH		H Grip			
		Height	Length	LH = 18.5	LH = 20	LH = 25	LH = 32
30403117	30	0	45	18.5	20	25	32
30403557	17	1	45	19.5	21	26	33
30403581	35	2	45	20.5	22	27	34
30403054	31	3	45	21.5	23	28	35
30403197	33	4	45	22.5	24	29	36
30403128	34	6	45	24.5	26	31	38
30403583	36	8	45	26.5	28	33	40
30403584	48	10	45	28.5	30	35	42
30403123	44	12	45	30.5	32	37	44
30403422	48	14	45	32.5	34	39	46
30403410	49	16	45	34.5	36	41	48
30403429	55	18	45	36.5	38	43	50
30403585	56	20	45	38.5	40	45	52
30403586	57	22	45	40.5	42	47	54
30403411	58	24	45	42.5	44	49	56
30403425	37	-2	45	16.5	18	23	30
30403198	38	-4	45	14.5	16	21	28
30403423	39	-6	45	12.5	14	19	26
30403412	59	-8	45	10.5	12	17	24
30403552	60	-10	45	8.5	10	15	22
30403587	61	-12	45	6.5	8	13	20
30403420	62	-14	45	4.5	6	11	18

Cam Style 2**Specifications:**

- Material: Steel
- Finish: Zinc Plated
- Thickness: 4mm

Item No.	CC	CH		H Grip			
		Height	Length	LH = 18.5	LH = 20	LH = 25	LH = 32
30403069	11	-2	35	16.5	18	23	30
30403444	12	0	35	18.5	20	25	32
30403519	13	2	35	20.5	22	27	34
30403588	14	4	35	22.5	24	29	36
30403477	15	6	35	24.5	26	31	38
30403589	16	7	35	25.5	27	32	39
30403407	23	10	35	28.5	30	35	42
30403075	52	26	35	44.5	46	51	58



Indoor & Outdoor Cabinets



IT Cabinets



Transformers



Industrial Machinery



Power Generators



HVAC



Road Transportation



Rail Transportation



Food Industry



Diversified Applications

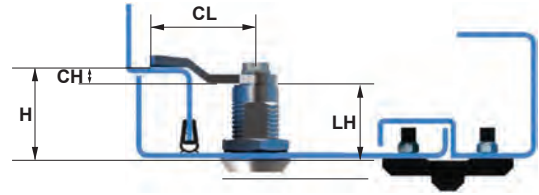
Our expertise ranges across multiple industries, supported by outstanding customer service. We can reduce your lead times and provide custom solutions and advice to help you achieve your business goals.



CAMS WITHOUT STOPPERS

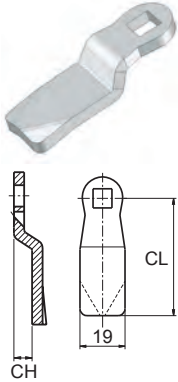
Cams without Stoppers

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options



Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

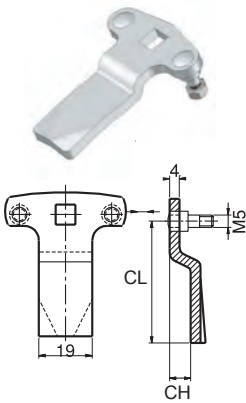
Cam Style 3



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 4mm

Item No.	CC	CH Height	CL Length	H Grip			
				LH = 18.5	LH = 20	LH = 25	LH = 32
30403006	10	0	29	18.5	20	25	32
30403130	20	0	38	18.5	20	25	32
30403003	40	0	51	18.5	20	25	32
30403005	70	0	66	18.5	20	25	32
30403064	21	3	38	21.5	23	28	35
30403141	41	3	51	21.5	23	28	35
30403138	22	6	37	24.5	26	31	38
30403073	32	7	44	25.5	27	32	39
30403002	42	7	49	25.5	27	32	39
30403004	43	10	48	28.5	30	35	42

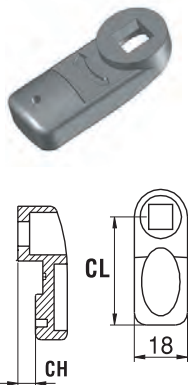
Cam Style 4



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 4mm

Item No.	CC	CH Height	CL Length	H Grip
				LH = 18.5
30403135	03	0	51	18.5
30403523	06	0	45	18.5
30403001	01	7	49	25.5
30403525	07	2	45	20.5
30403527	08	3	45	21.5
30403529	09	4	45	22.5
30403531	100	5	45	23.5
30403533	101	6	45	24.5
30403535	102	7	45	25.5
30403068	02	12	46	30.5
30403537	103	14	45	32.5

Cam Style 5



- Specifications:
- Material: Nylon
 - Color: Black
 - Thickness: Contact Essentra for details as needed

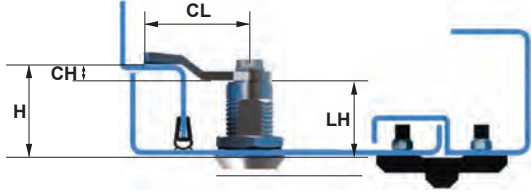
Item No.	CC	CH Height	CL Length	H Grip		
				LH = 18.5	LH = 20	LH = 25
30402002	90	0	35	18.5	20	25
30402010	93	0	25	18.5	20	25
30402007	92	4	45	22.5	24	29
30402003	91	6	35	24.5	26	31
30402014	94	-4	45	14.5	16	21



STAINLESS STEEL CAMS

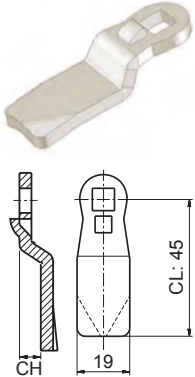
Cams with and without Stoppers

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options



Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

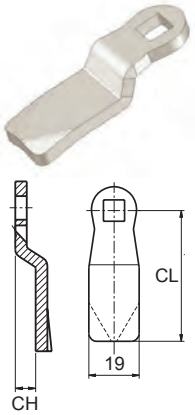
Cam Style 1 - with Stopper



- Specifications:
- Material: Stainless Steel
 - Finish: Natural
 - Thickness: 4mm

Item No.	CC	CH		CL		H Grip					
		Height	Length	LH = 18.5	LH = 20	LH = 30	LH = 32	LH = 40	LH = 50	LH = 60	
30405004	30	0	45	18.5	20	30	32	40	50	60	
30405003	40	0	51	18.5	20	30	32	40	50	60	
30405159	35	2	45	20.5	22	32	34	42	52	62	
30405063	31	3	45	21.5	23	33	35	43	53	63	
30405149	33	4	45	22.5	24	34	36	44	54	64	
30405160	34	6	45	24.5	26	36	38	46	56	66	
30405040	42	7	49	25.5	27	37	39	47	57	67	
30405006	36	8	45	26.5	28	38	41	48	58	68	
30405162	47	10	45	28.5	30	40	42	50	60	70	
30405045	44	12	45	30.5	32	42	44	52	62	72	

Cam Style 2 - without Stopper



- Specifications:
- Material: Stainless Steel
 - Finish: Natural
 - Thickness: 4mm

Item No.	CC	CH		CL		H Grip			
		Height	Length	LH = 18.5	LH = 20	LH = 25	LH = 32		
30405117	30	0	45	18.5	20	25	32		
30405058	40	0	51	18.5	20	25	32		
30405012	35	2	45	20.5	22	27	34		
30405013	31	3	45	21.5	23	28	35		
30405015	34	4	45	22.5	24	29	36		
30405002	42	7	49	25.5	27	32	39		
30405016	36	8	45	26.5	28	33	40		
30405017	47	10	45	28.5	30	35	42		
30405018	44	12	45	30.5	32	37	44		

FOR YOUR ELECTRONIC LOCKING SYSTEMS NEEDS

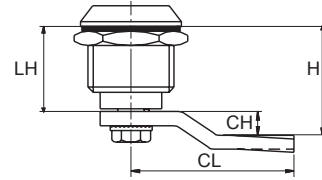
Server Cabinets | Data Centers | Electric Panels | Telecommunications | Kiosks | GSM Cabinets

See pages 705 - 730 for more details.



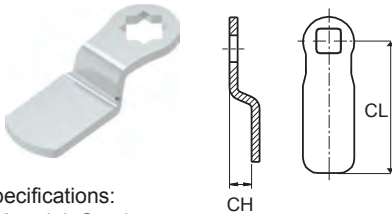
Cams with and without Stoppers

- H = Grip
- LH = Housing Length
- CL = Cam Length
- CH = Cam Height
- Please contact Essentra for alternate cam options



Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

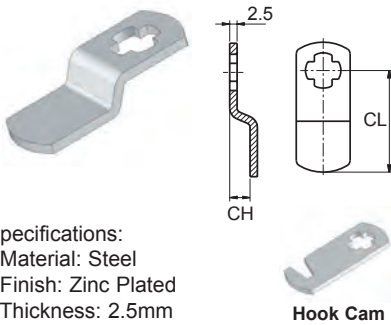
Cam Style 1 - without Stopper



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: Contact Essentra for details as needed

Item No.	CC	CH		CL		H Grip		
		Height	Length	LH = 16.5	LH = 20	LH = 29		
30403124	50	0	45	16.5	20	29		
31403010	56	0	23	16.5	20	29		
31403011	30	0	33	16.5	20	29		
30403157	57	3	48	19.5	23	32		
30403125	51	7	40	23.5	27	36		
30403110	52	10	37	26.5	30	39		
30403111	53	14	33	30.5	34	43		

Cam Style 2 - without Stopper

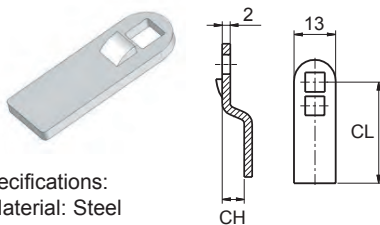


- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 2.5mm

Item No.	CC	CH		CL		H Grip	
		Height	Length	LH = 16.5	LH = 16.5		
30403014	10	0	38	16.5			
30403100	30	0	33	16.5			
30403019	20	0	49	16.5			
30403082	11	3	38	19.5			
30403015	12	7	36	23.5			
30403016	21	7	47	23.5			
30403017	22	10	44	26.5			
30403022*	13	0	39	16.5			

* Hook Style Cam

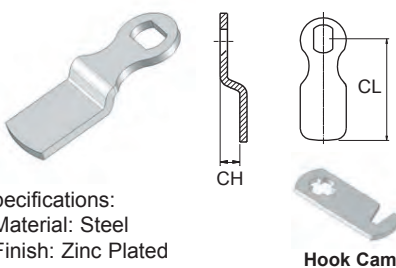
Cam Style 3 - with Stopper



- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: 2mm

Item No.	CC	CH		CL		H Grip	
		Height	Length	LH = 13.5	LH = 16		
30403084	10	0	33	13.5	16		
30403184	20	0	25	13.5	16		
30403183	21	6	25	19.5	22		
30403085	11	7	30	20.5	23		
30403196	22	6	25	19.5	22		

Cam Style 4 - without Stopper



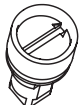
- Specifications:
- Material: Steel
 - Finish: Zinc Plated
 - Thickness: Contact Essentra for details as needed

Item No.	CC	CH		CL		H Grip	
		Height	Length	LH = 13	LH = 13		
30403158	10	0	24	13			
31403016	50	0	21	13			
30403029	20	0	31	13			
30403028	30	0	36	13			
30403089	21	3	30	16			
30403030	22	7	26	20			
30403182	11	-3	28	10			
30403058*	40	0	31	13			

* Hook Style Cam

**ALTERNATE DRIVERS FOR LATCHES AND LOCKS****Alternate Driver Keys**

Please Contact Essentra for product details












13
3mm Double Bit**15**
5mm Double Bit**28**
8mm Square**26**
6mm Square**27**
7mm Square**39**
9mm Triangular**37**
7mm Triangular**38**
8mm Triangular**52**
Slot (2 x 4mm)**42**
Slot (2 x 4mm)**58**
8mm Square Slot**61**
10mm Hexagon (female)**68**
8mm Hexagon (female)**71**
Slot (5 x 10mm)**76**
6mm Square**83**
Slot**88**
Railway**91**
Eastern**92**
Tork (T-30)**97**
11mm Hexagon (male)**95**
Fiat



Driver Keys - Long

Specifications:









- Material: Zinc Alloy
- Finish: Chrome Plated
- Key Width = 50mm

				
Item No. 36813 3mm Double Bit Key Size: 75mm Height	Item No. 36815 5mm Double Bit Key Size: 75mm Height	Item No. 36826 6mm Square Key Size: 81mm Height	Item No. 36827 7mm Square Key Size: 81mm Height	Item No. 36828 8mm Square Key Size: 81mm Height
				
Item No. 36837 7mm Triangle Key Size: 75mm Height	Item No. 36838 8mm Triangle Key Size: 75mm Height	Item No. 36839 9mm Triangle Key Size: 81mm Height	Item No. 36891 Eastern Key Size: 83mm Height	Item No. 36868 8mm Hexagon High Security Key Size: 81mm Height
				Item No. 36861 10mm Hexagon Female Key Size: 83mm Height

Driver Keys - Short

Specifications:

- Material: Zinc Alloy
- Finish: Chrome Plated
- Key Width = 36mm

			
Item No. 26713 3mm Double Bit Key Height = 51mm	Item No. 26715 5mm Double Bit Key Height = 51mm	Item No. 26726 6mm Square Key Height = 57mm	Item No. 26727 7mm Square Key Height = 57mm
			
Item No. 26728 8mm Square Key Height = 57mm	Item No. 26737 7mm Triangle Key Height = 57mm	Item No. 26738 8mm Triangle Key Height = 57mm	Item No. 26739 9mm Triangle Key Height = 57mm

**DRIVER KEYS****Driver Keys - Plastic**

Specifications:

- Material: Plastic Nylon
- Color: Black



Item No.

16966

6mm Hexagon



Item No.

16915

5mm Double Bit



Item No.

26915

5mm Double Bit



Item No.

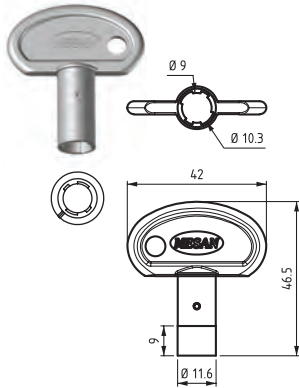
16939

9mm Triangle

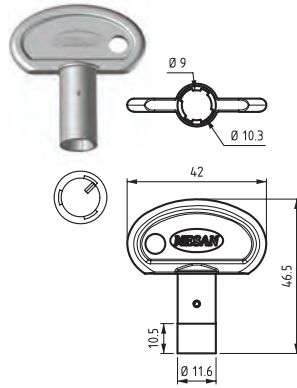
Tubular Keys

Specifications:

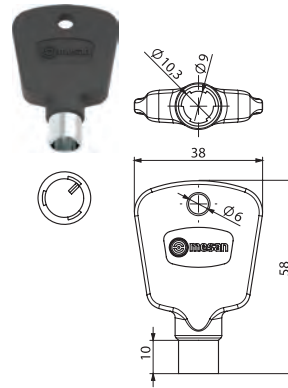
- Material: See Table
- Finish: See Table



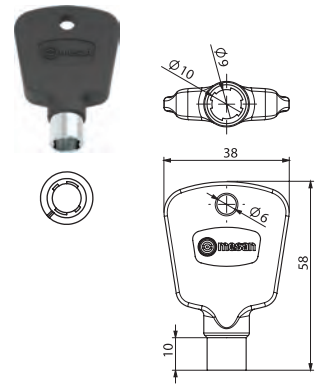
Version 1



Version 2



Version 3



Version 4

• Version 2, 3 - Suitable for 140 Series compression latches

• Version 1, 4 - Suitable for 040, 540 Series compression latches

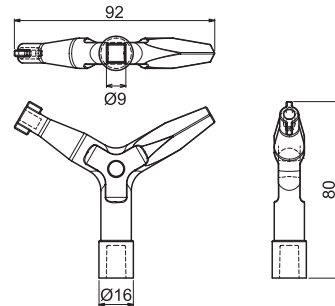
Item No.	Version	Material	Finish
36911	1	Zinc Alloy	Chrome Plated
36912	1	Zinc Alloy	Black Powder Coated
76993	3	Steel / Nylon	Over Molded Nylon

Item No.	Version	Material	Finish
46911	2	Zinc Alloy	Chrome Plated
46912	2	Zinc Alloy	Black Powder Coated
66993	4	Steel / Nylon	Over Molded Nylon

Multi-Key

Specifications:

- Material: Zinc Alloy
- Finish: Chrome Plated
- Double Bit
- Square



Item No.

56813

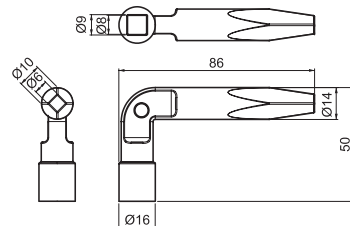
Description

Double Bit, Square, Railway

Railway Key

Specifications:

- Material: Zinc Alloy
- Finish: Chrome Plated
- Square



Item No.

56913

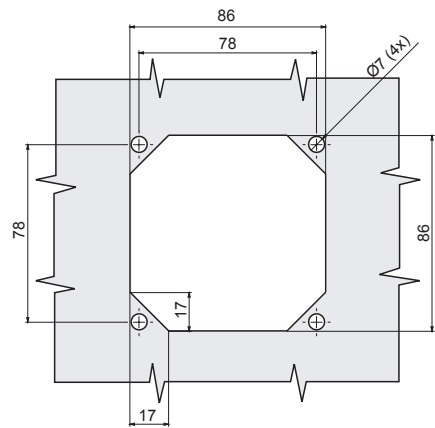
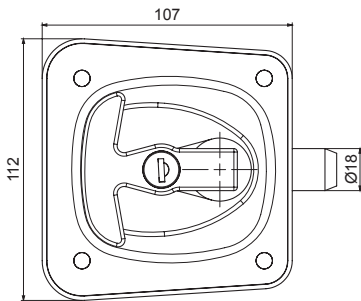
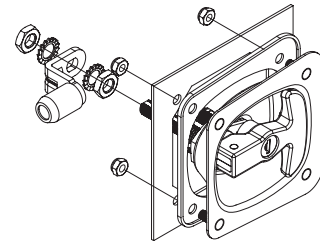
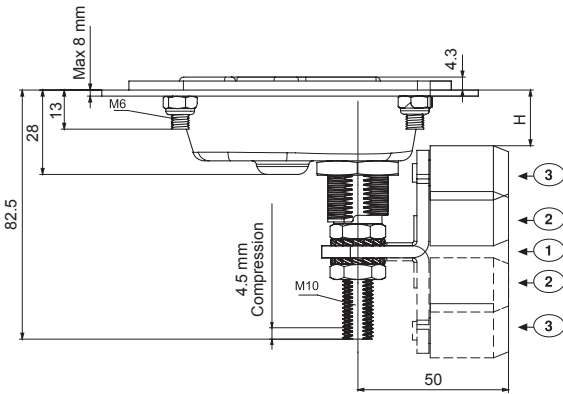
Description

Square, Railway

HEAVY DUTY LATCHES - T HANDLE



214 Series
"T" Handle Heavy Duty Lock / Latch



Specifications:

- Material:
Body: Steel
Handle: Zinc Alloy
Cam: Steel with Nylon Roller
- Handle is DIN-EN 1774 rated
- 1 Key supplied with each latch
- Cams sold separately

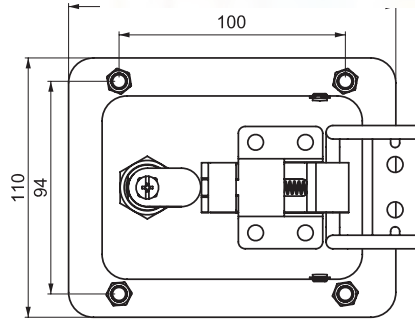
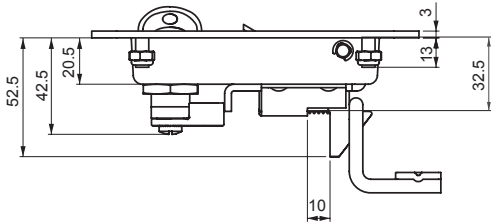
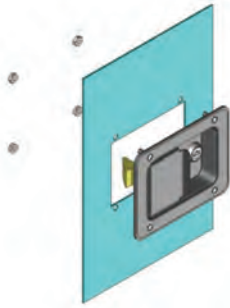
Features:

- Compression feature offers varied sealing options
- Adjustable grip
- Available with and without padlock feature

▲ CAMS SOLD SEPARATELY. SEE TABLE >>

Item No.	Cam Type	CC	Position	H Grip*	
				Min	Max
214C01Y		01	Up	35	54
			Down	57	72
214C02Y		02	Up	35	50
			Down	63	78
214C03Y		03	Up	20	35
			Down	75	90

Item No.	Cylinder	Cylinder Description
214120300	03	Keyed Alike
2141200001	00	Keyless, with Padlock
2141203011	03	Keyed Alike with Padlock
214123200	03	Keyed Different

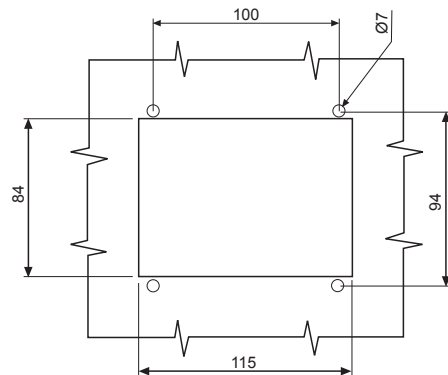
**HEAVY DUTY LATCHES - PUSH TO CLOSE****016 Series****Heavy Duty Latches - Push to Close Latch****Version 1****Specifications:**

- Material:
Body: See Table
Handle: Steel
Cam: Brass
Screw: Stainless Steel
Seal: Polyurethane
- Supplied with one key
- Standard Cam included
- Stainless Steel is AISI 304 rated

Features:

- Slam-shut operation
- Can be opened from inside by moving cam

⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.

**Cut-Out****Black Powder Coated Steel**

Item No.	Version	Cylinder Style	Cylinder Description	Striking Plate / Bolt
01662031	1	03	Keyed Alike	016A71
01662321	1	32	Keyed Different	016A71
016620011	1	00	Padlock Only	016A71

Stainless Steel

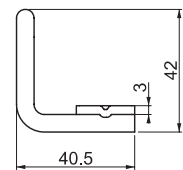
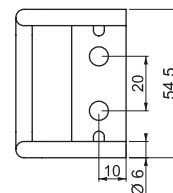
Item No.	Version	Cylinder Style	Cylinder Description	Striking Plate / Bolt
01640031	1	03	Stainless Steel Dust Cap (Keyed Alike)	016A71
01640321	1	32	Stainless Steel Dust Cap (Keyed to Differ)	016A71

016A Series**Cam Striking Plate****Specifications:**

- Material: See Table
- Finish: See Table

Features:

- Strike plate used with 016 Series

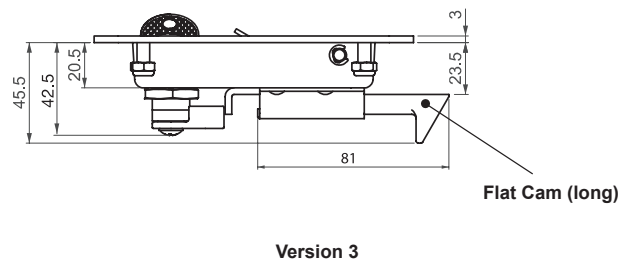
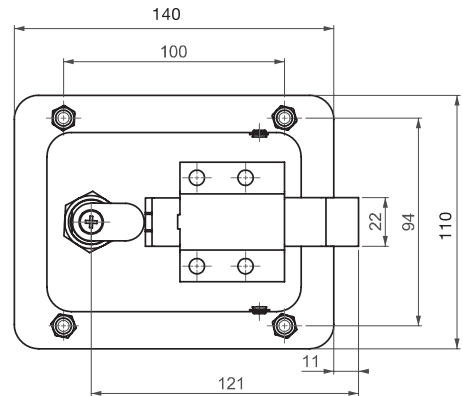
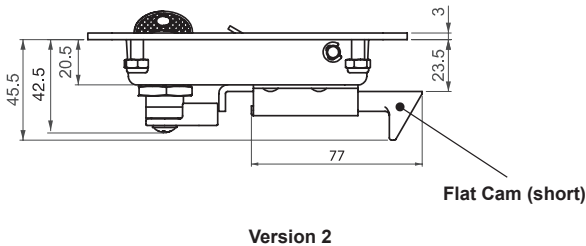
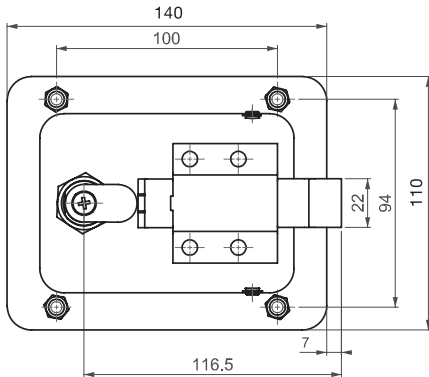


Item No.	Material	Finish
016A71	Steel	Zinc Plated
016A740	Stainless Steel	Natural

HEAVY DUTY LATCHES - PUSH TO CLOSE



016 Series (Continued)
Heavy Duty Latches - Push to Close Latch



Specifications:

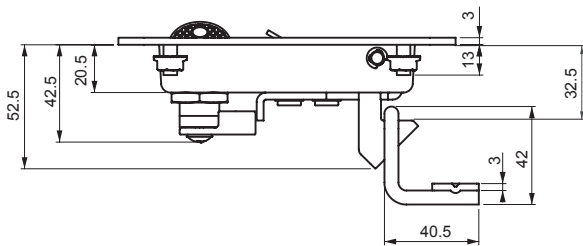
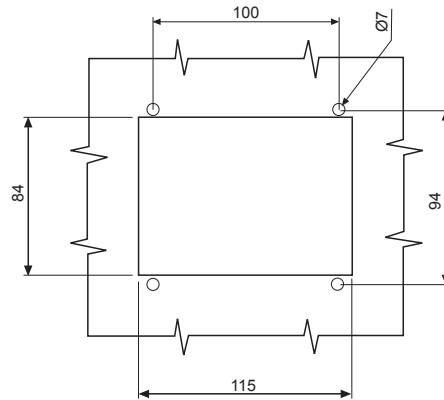
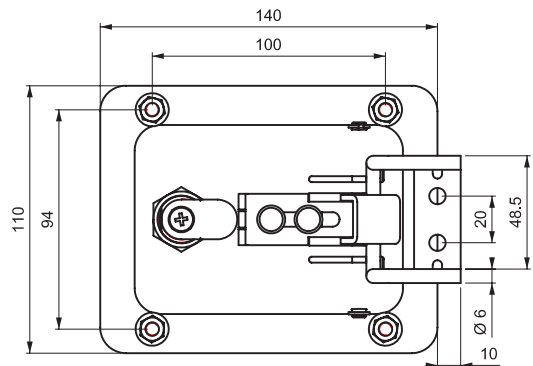
- Material:
 - Body: See Table
 - Handle: Steel
 - Cam: Brass
 - Screw: Stainless Steel
 - Seal: Polyurethane
- Supplied with one key
- Standard Cam included
- Stainless Steel is AISI 304 rated

Features:

- Two types of die-cast zinc Cams
- No locking device needed
- Can be opened from inside by moving Cam

▲ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.

Item No.	Version	Cylinder Style	Cylinder Description	Striking Plate / Bolt
01662032	2	03	Keyed Alike	Na
01662322	2	32	Keyed Different	Na
01662033	3	03	Keyed Alike	Na
01662323	3	32	Keyed Different	Na

**HEAVY DUTY LATCHES - PUSH TO CLOSE****016 Series (Continued)****Heavy Duty Latches - Push to Close Latch****Version 4****Cut-Out****Specifications:**

- Material:
 - Body: Steel
 - Handle: Steel
 - Cam: Steel
 - Seal: Polyurethane
- Supplied with one key
- Cam is DIN-EN 1774 rated

Features:

- Two types of die-cast zinc Cams
- No locking device needed
- Can be opened from inside by moving Cam

⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.

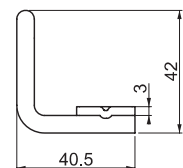
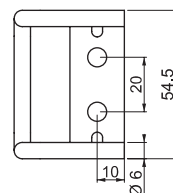
Item No.	Version	Cylinder Style	Cylinder Description	Striking Plate / Bolt
01662034	4	03	Keyed Alike	016A71
01662324	4	32	Keyed Different	016A71

**016A Series
Cam Striking Plate****Specifications:**

- Material: See Table
- Finish: See Table

Features:

- Strike plate used with 016 Series

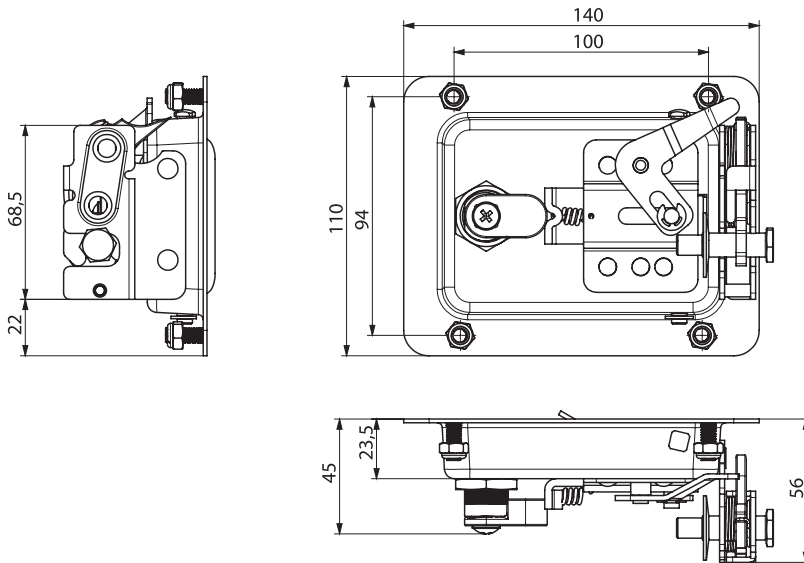


Item No.	Material	Finish
016A71	Steel	Zinc Plated
016A740	Stainless Steel	Natural



HEAVY DUTY LATCHES - PUSH TO CLOSE

016 Series (Continued)
Heavy Duty Latches - Push to Close Latch



Version 5

Specifications:

- Material:
Body: Steel
Handle: Steel
Cam: Steel
Seal: Polyurethane
- Supplied with one key
- Cam is DIN-EN 1774 rated

Features:

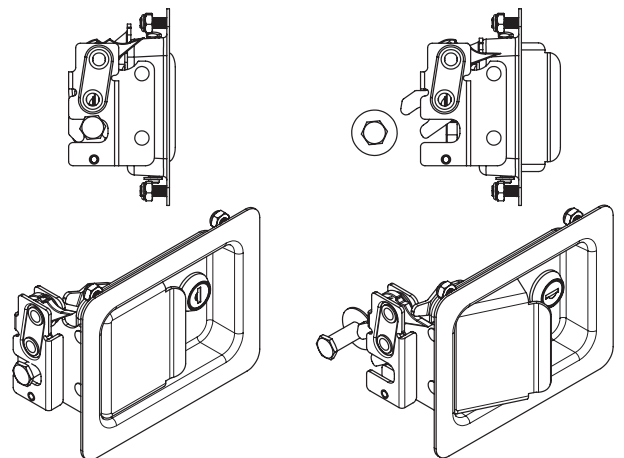
- Integrated rotary latch design
- Slam-shut operation
- Can be opened from inside by pulling cable

▲ STRIKER BOLT SOLD SEPARATELY, SEE PAGE 619.



Mini Striker Bolt

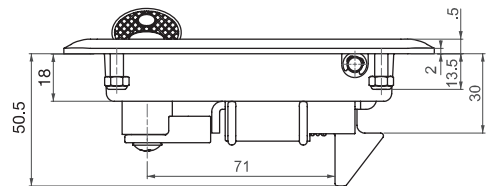
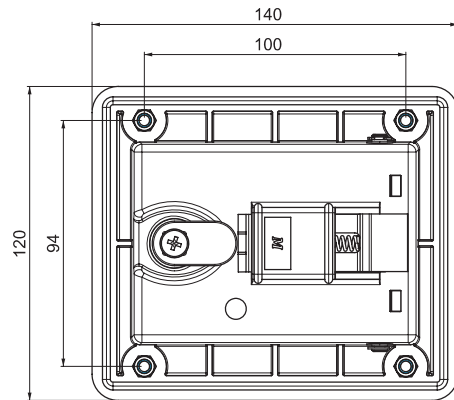
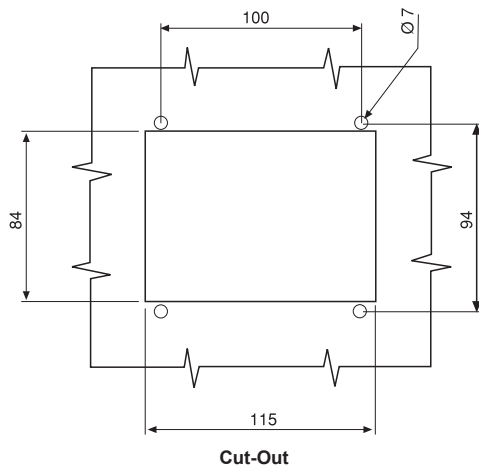
- Item No. SBI
- Ordered separately



Locked position

Unlock position

Item No.	Version	Cylinder Style	Cylinder Description	Striking Plate / Bolt
• 01662035	5	03	Keyed Alike	SB1
• 01662325	5	32	Keyed Different	SB1
• 016620051	5	00	Padlock Only	SB1
• 016620351	5	03	Keyed Alike with Padlock	SB1
• 016623251	5	32	Keyed Different with Padlock	SB1

**HEAVY DUTY LATCHES - PUSH TO CLOSE****016 Series (Continued)****Heavy Duty Latches - Push-to-Close Latch****Specifications:**

- Material:
Body: Nylon Black (PA6 30% GF)
Cam: See Table
Mounting Bracket: Steel
- Body is DIN-EN ISO 1043-1 rated

Features:

- Mounting bracket included
- Slam-shut operation
- Please contact Essentra for key options

⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.

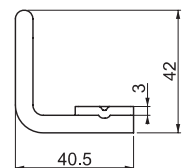
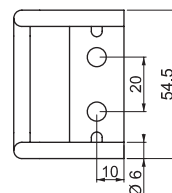
Item No.	Version	Cylinder Style	Cylinder Description	Cam Striking Plate	Cam Material
016200301	Plastic	03	Stainless Steel Dust Cap (keyed alike)	016A71	Brass
016203202	Plastic	32	Stainless Steel Dust Cap (Keyed to Differ)	016A71	Plastic

**016A Series
Cam Striking Plate****Specifications:**

- Material: See Table
- Finish: See Table

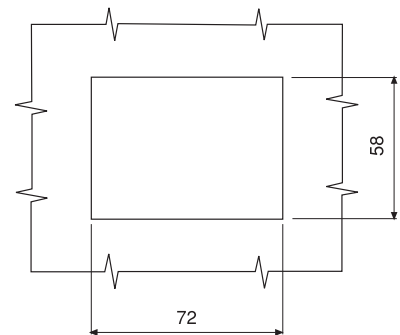
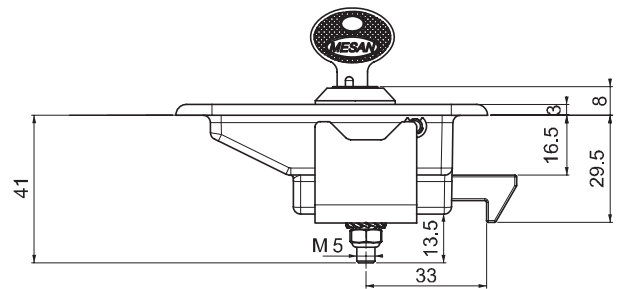
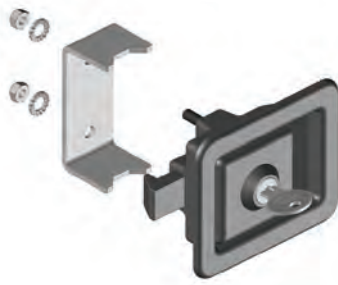
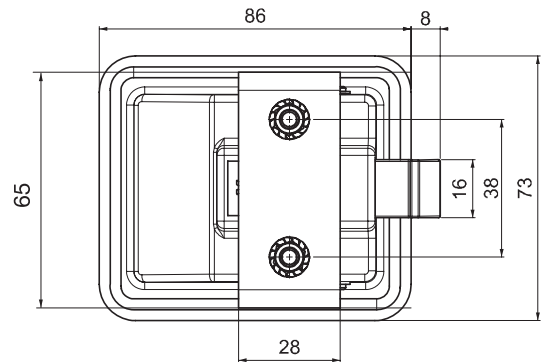
Features:

- Strike plate used with 016 Series



Item No.	Material	Finish
016A71	Steel	Zinc Plated
016A740	Stainless Steel	Natural

HEAVY DUTY LATCHES - PUSH TO CLOSE


116 Series
Push-To-Close Latch


Cut-Out

Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Cam: Delrin
Mounting Bracket: Steel
- Body is DIN-EN ISO 1043-1 rated
- Handle is DIN-EN 1774 rated

Features:

- Mounting bracket included
- Can be opened from inside using Cam
- Please contact Essentra for Keyed to Differ

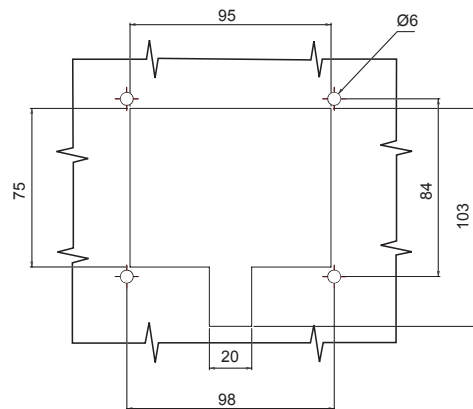
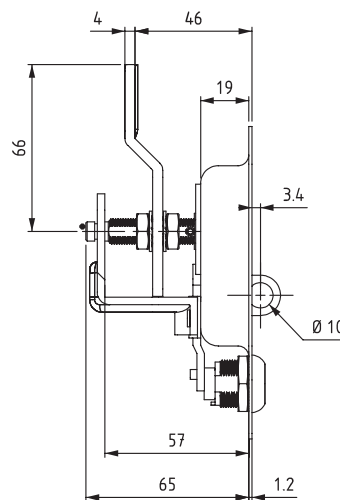
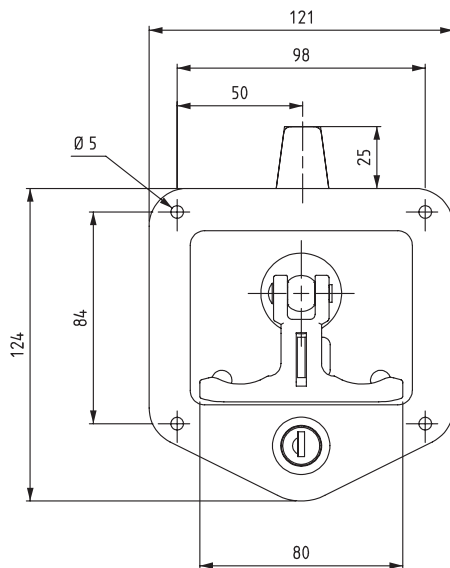
Item No.	Cylinder Description
11600M	No Cylinder
11601	Keyed Alike



HEAVY DUTY LATCHES - T HANDLE PADLOCKABLE

315 Series

'T' Handle - Heavy-Duty Padlockable Latch



Cut-Out

Specifications:

- Material:
Body: Stainless Steel
Handle: Zinc Alloy
Padlock Hasp: Stainless Steel
Cam: Steel
- Finish: Natural
- Handle is DIN-EN 1774 rated

Features:

- Suitable for small case generators, truck utility and tool boxes
- Adjustable Cam for wide grip range
- Maximum padlock shackle diameter 9mm

Item No.
31540

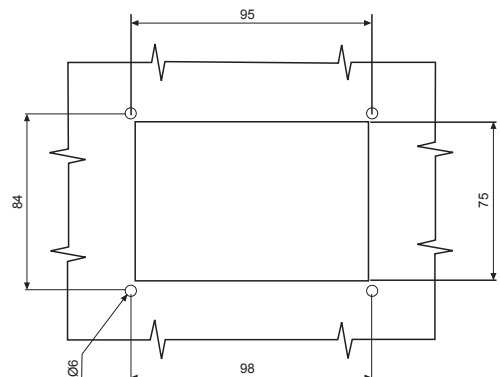
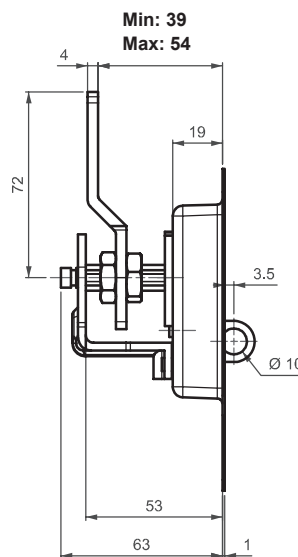
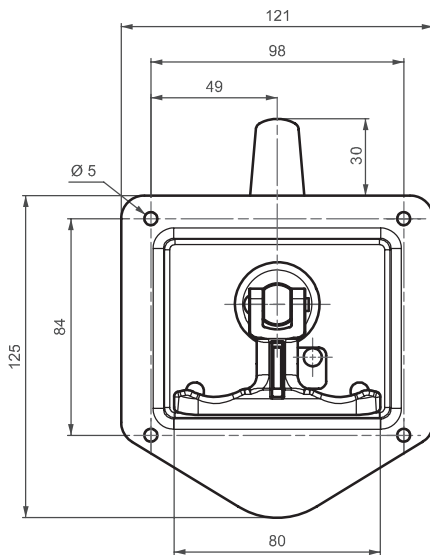
Cylinder Description
Stainless Steel Shutter (Keyed Alike)

HEAVY DUTY LATCHES - T HANDLE PADLOCKABLE



115 Series

'T' Handle - Heavy Duty Padlockable Latch



Specifications:

- Material:
 - Body: Stainless Steel
 - Handle: Zinc Alloy
 - Padlock Hasp: Stainless Steel
 - Cam: Steel
- Finish: Body: Natural
 - Handle: Chrome Plated
- Handle is DIN-EN 1774 rated
- Cam included with latch/lock

Features:

- Suitable for small case generators, truck utility and tool boxes
- Adjustable Cam for wide grip range
- Maximum padlock shackle diameter 9mm

Cut-Out

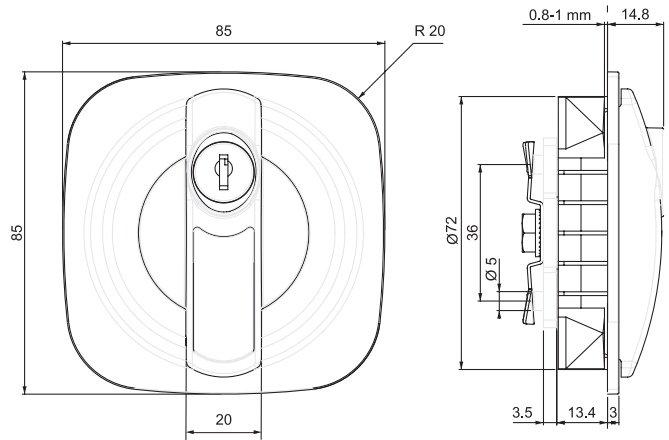
Item
No.

115



CABINET LATCHES

035 Series Steel Cabinet Latch

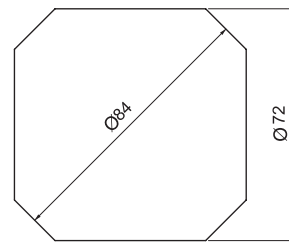


Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Knob: Zinc Alloy
Finish: See Table
- Zylon is DIN-EN ISO 1043-1 rated
- Zinc Alloy is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Suitable for steel cabinets
- Locking cams below provides easy rod assembly for multi-point fixing
- Clip-on style body
- Two or Three-point locking options, see 304 Series below
- Please contact Essentra for different color options

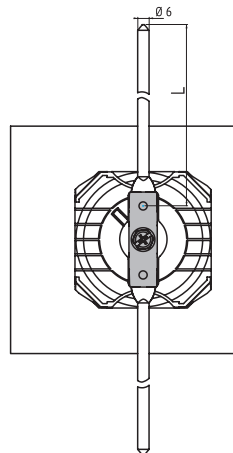
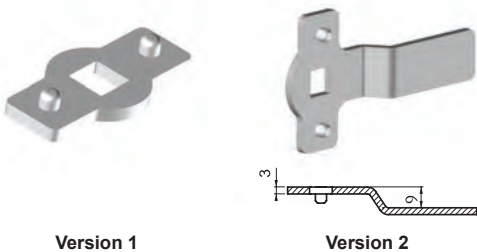


Cut Out

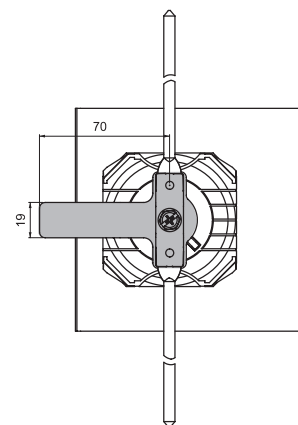
⚠ CAMS SOLD SEPARATELY, SEE CABINET LATCHING CAMS BELOW.

Item No.	Handle Finish	Cylinder Description
03520110100	Chrome Plated	Keyed Alike
03520110200	Chrome Plated	Keyed Differ
03520120100	Black Powder Coated	Keyed Alike
03520120200	Black Powder Coated	Keyed Differ

304 Series - Used with 035 Series Latches Cabinet Latching Cams



2 Point Locking
Zinc Alloy Cam



3 Point Locking
Steel Cam

Specifications:

- Material: See Table

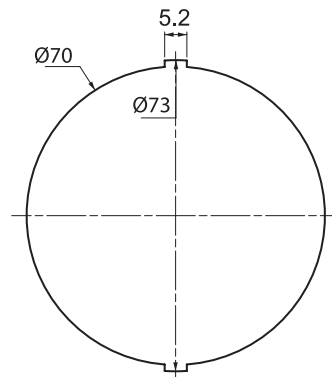
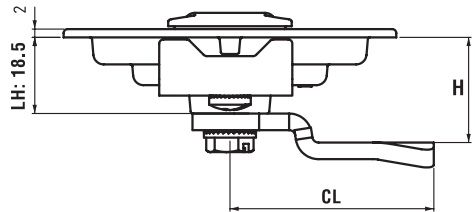
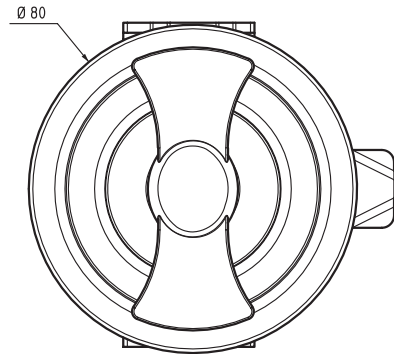
Features:

- For rod system details, Please contact Essentra for details

Cam Item No.	Version	Description
30401034	1	Zinc Alloy
30403641	2	Steel



013 Series
Cabinet Latches - Fire Hose Locks



Cut-Out

Specifications:

- **Material:**
 Body: Zinc Alloy
 Knob: Zinc Alloy
 Cam: Steel
 Installation Plate: Steel
- **Finish:** Chrome Plated
- Zinc Alloy is DIN-EN 1774 rated

Features:

- Suitable for steel cabinets
- Designed for fire-hose cabinetry
- Special installation-plate supplied for easy install
- Flush design provides flat surface on cabinet

▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.

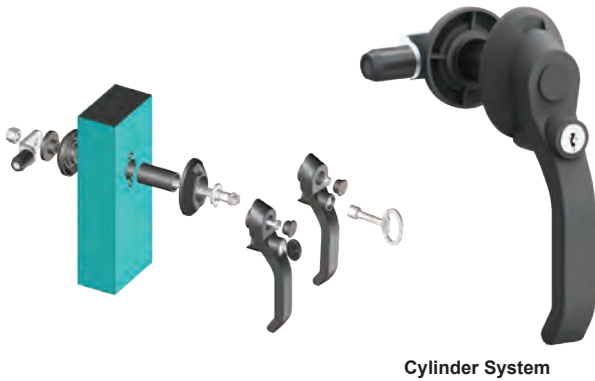
Item
 No.
 0132111100



HVAC HANDLE LOCKS

012 Series

HVAC Handle - Locks

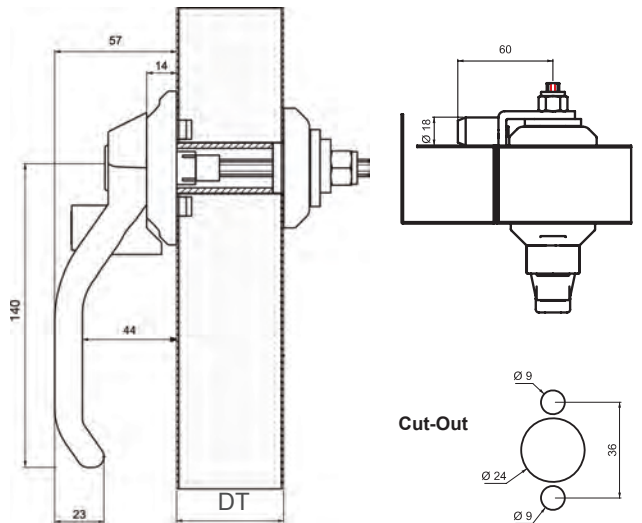


Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Handle: Nylon Black (PA6 30%GF)
Cam: Steel
- Body and handle are DIN-EN ISO 1043-1 rated
- Two keys supplied with every lock

Features:

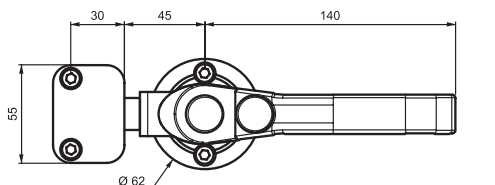
- Removable handle for easy assembly on site
- Roller Cam requires less force to lock
- Can be used for both left and right hand doors
- Internal handle available for opening door from inside, see 012A Series
- Contact Essentra for different door thicknesses, cylinders or driver style options



Item No.	Door Thickness (DT)	Cylinder Description
0121500001	50	No Cylinder
0121600001	60	No Cylinder
0121800001	80	No Cylinder
0121500301	50	Keyed Alike
0121600301	60	Keyed Alike
0121800301	80	Keyed Alike

012 Series

HVAC Handle - Locks

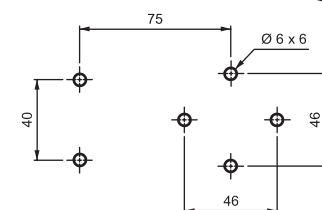
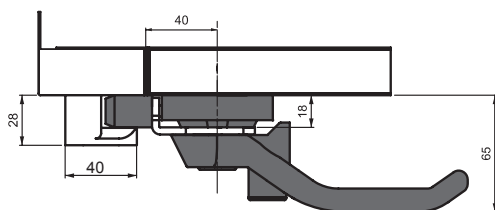


Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Handle: Nylon Black (PA6 30%GF)
Cam: Steel
Strike Plate: Zinc Alloy
- Body and handle are DIN-EN ISO 1043-1 rated

Features:

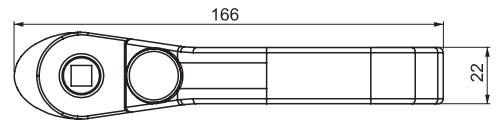
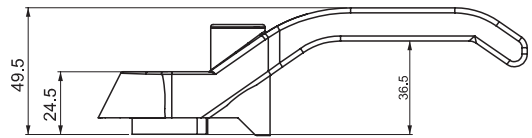
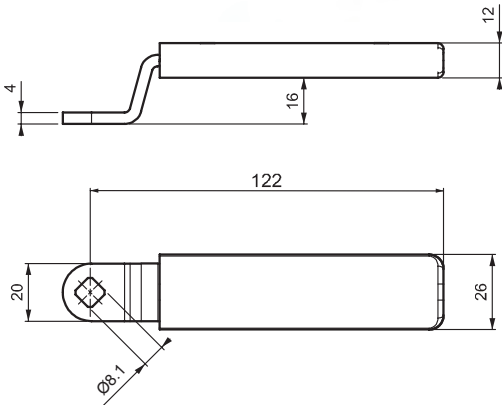
- Outside locking system provides safety for pressurized doors
- Roller style cam requires less force for locking



Item No.
01220001



012A Series
Internal Safety Handles



Version 1

Version 2

Specifications:

- Material: See Table
- Finish/Color: See Table

Features:

- Ideal for heating and ventilation panels
- Can be used for both left and right hand doors

Item No.	Version	Material	Finish
012A1	1	Steel	Yellow Polyamide Overmold
012A3	2	Nylon	Black

012A Series
Catch Plate



Specifications:

- Material: Zinc Alloy

Features:

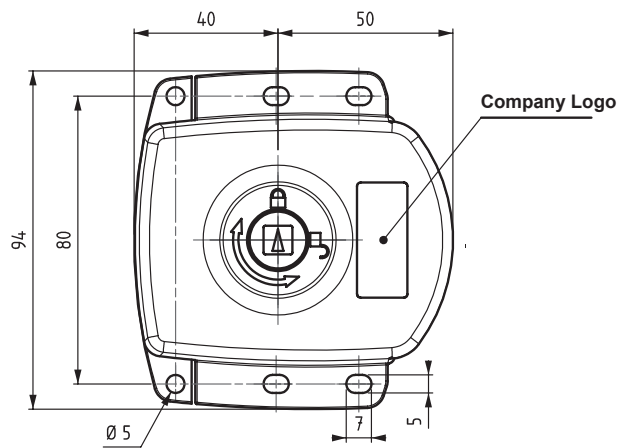
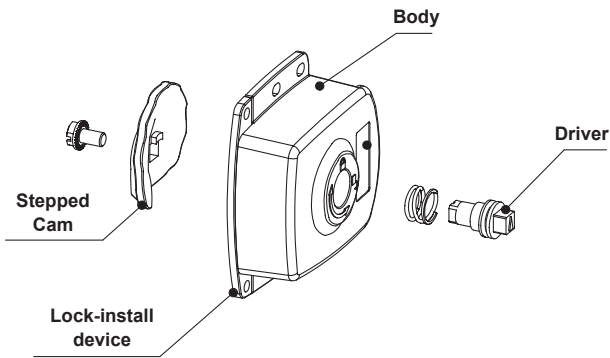
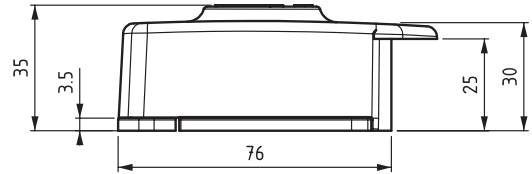
- Used with locking handles, see series 012 HVAC Locks

Item No.
012A2



HVAC LOCKS

612 Series HVAC Lock



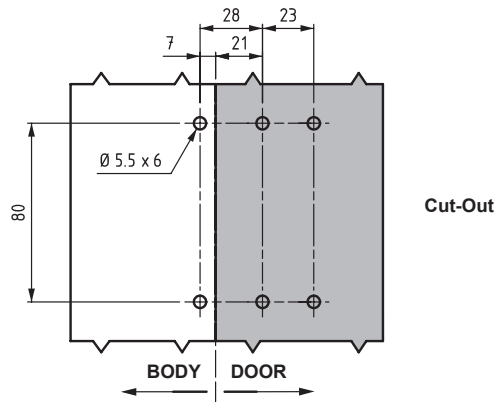
Specifications:

- Material:
Body: Zinc Alloy
Driver: Zinc Alloy
- Finish: Black Powder Coated

Features:

- Outside locking system provides safety for pressurized doors
- For logo applications please contact Essentra
- Available with alternate drivers and finish

⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.



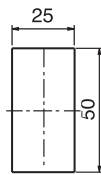
Driver Style		
15	28	38
5mm Double Bit	8mm Square	8mm Triangle

Item No.	Driver Type	Driver Description
612121215	15	5mm Double Bit
612121228	28	8mm Square
612121238	38	8mm Triangle

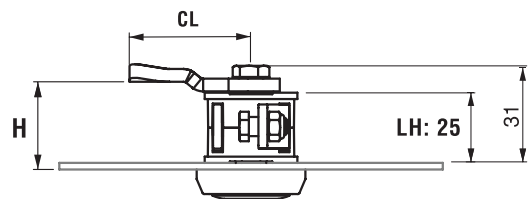
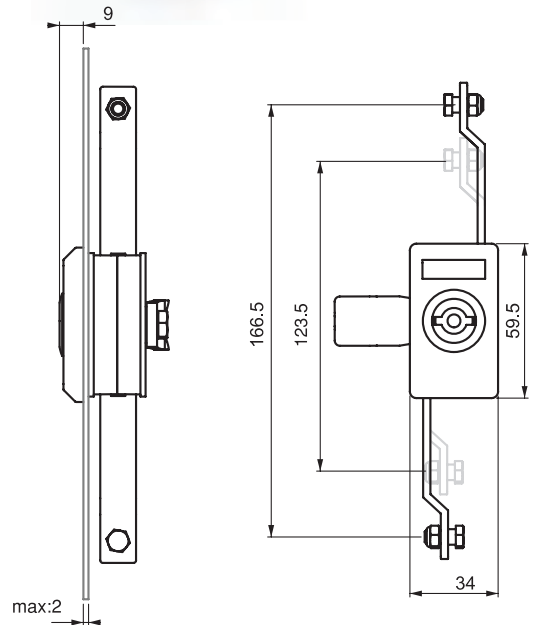
THREE POINT ROD LATCHES



003 Series
Three Point Rod Latch



Cut Out



Specifications:

- **Material:**
Body: Nylon Black (PA6 30% GF)
Mechanism: Zinc Alloy
- **Finishes:** Chrome Plated (Mechanism)
- Mechanism and Driver are DIN-EN 1774 rated

Features:

- Three point latching available with cam and rod system purchases
- Intergrated gear-box located in housing for multiple point latching
- Clip system design for ease of assembly
- Polyurethane seal provides IP 54 rating

▲ DRIVER KEY SOLD SEPARATELY. SEE PAGES 597 - 598.

▲ CAMS SOLD SEPARATELY. SEE PAGES 592 - 594.

Driver Style
15
5mm Double Bit

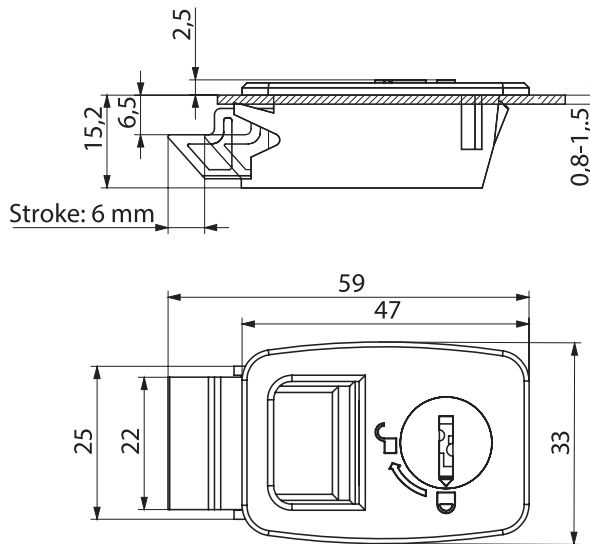
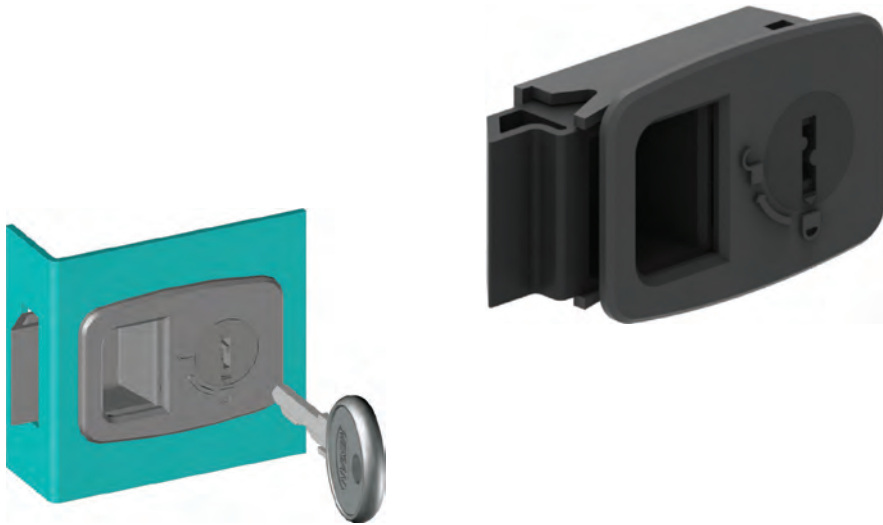


Item No.	Driver Style	Driver Description	Hand Operation
0031500001	15	5 mm Double Bit	Right
0031500002	15	5 mm Double Bit	Left



SLIDING LATCHES & LOCKS

671 Series Sliding Latch



Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Spring: Stainless Steel
Cylinder: Nylon Black (PA6 30% GF)
- 2 keys supplied with every lock

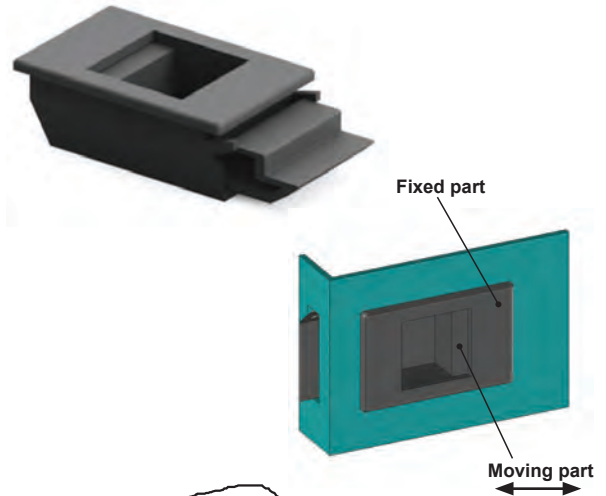
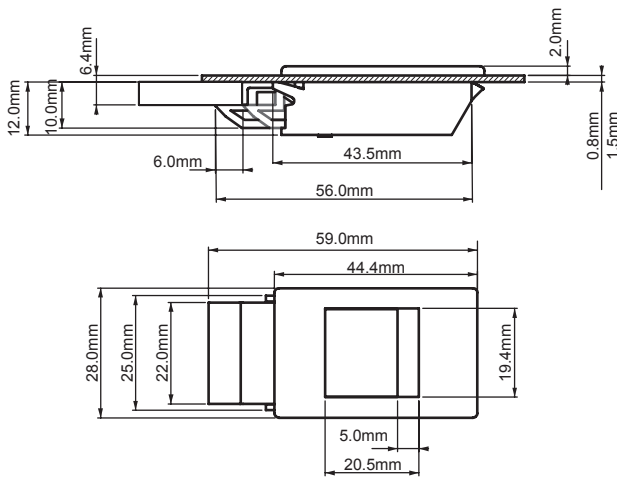
Features:

- Two-piece design eliminates paint problem on doors
- Ideal for small metal machinery covers
- Easy assembly with clips on body
- Suitable for panel thickness between 0.8 - 1.5mm

Item No.	Driver Style	Driver Description
67101	01	Keyed Alike



271 Series
Sliding Lock / Latch

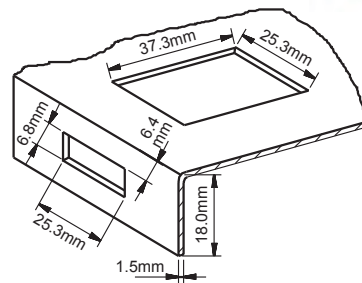


Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Spring: Stainless Steel

Features:

- Two-piece design eliminates paint problem on doors
- Ideal for small metal machinery covers
- Easy assembly with clips on body
- Suitable for panel thickness between 0.8 - 1.5mm
- Key lock available, contact Essentra for details

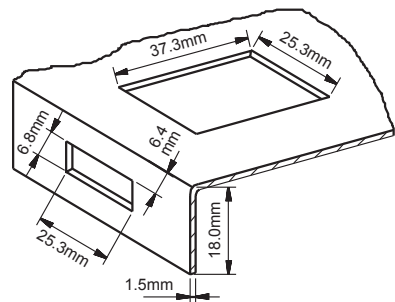
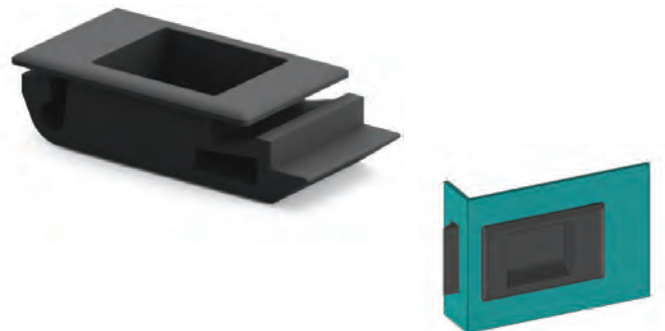
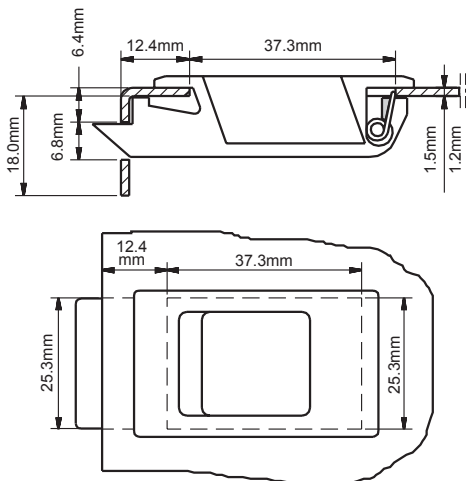


Cut-Out

Item No.

271

071 Series
Sliding Lock/Latch



Cut-Out

Specifications:

- Material: ABS
Spring: Stainless Steel
- Finish: Natural

Features:

- Ideal for small metal machinery covers
- Easy Installation
- Long-lasting stainless steel spring

Door Thickness (DT)

Item No.

mm

07112

0.8 - 1.2

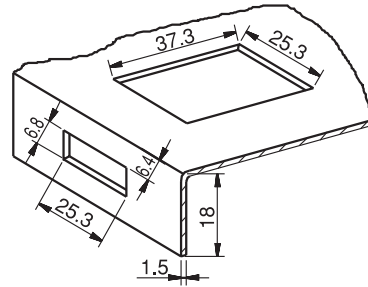
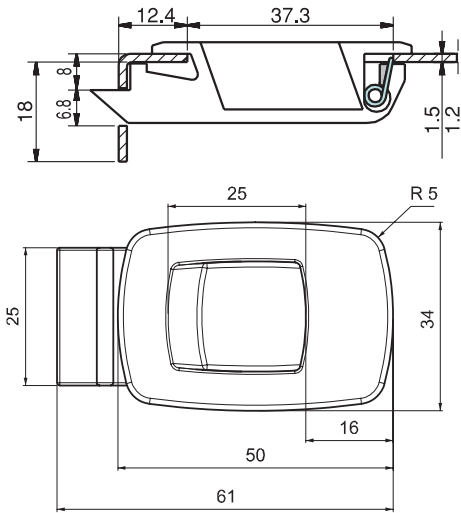
07115

1.2 - 1.5



SLIDING LATCHES & LOCKS / MINI

371 Series Sliding Latch



Cut-Out

Specifications:

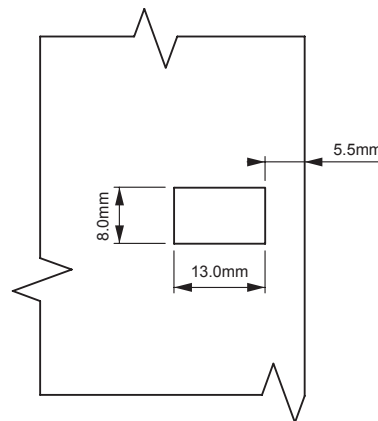
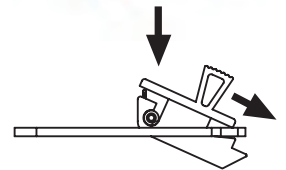
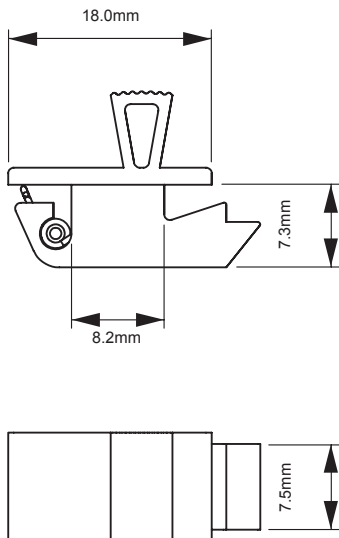
- Material: ABS (Spring Stainless Steel)

Features:

- Ideal for small metal machinery covers
- Easy Installation
- Long-lasting stainless steel spring
- Suitable for panel thickness between 0.8 - 1.5mm

Item No.	Panel Thickness
37112	0.8 - 1.2 mm
37115	1.2 - 1.5 mm

171 Series Mini Sliding Locks



Cut-Out

Specifications:

- Material:
Body: ABS, Black
Spring: Stainless Steel

Features:

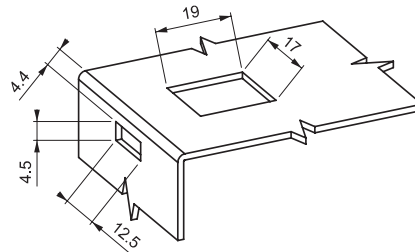
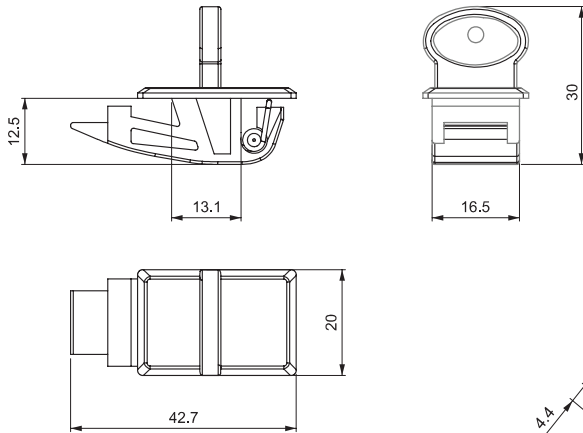
- Suitable for small doors and inside panels

Item No.	Door Thickness (DT)
	mm
171	0.8 - 1.5



MINI SLIDING LATCHES & LOCKS / BRIDGE CLAMPS

471 Series Sliding Latch - Mini



Specifications:

- Material: ABS (Spring Stainless Steel)

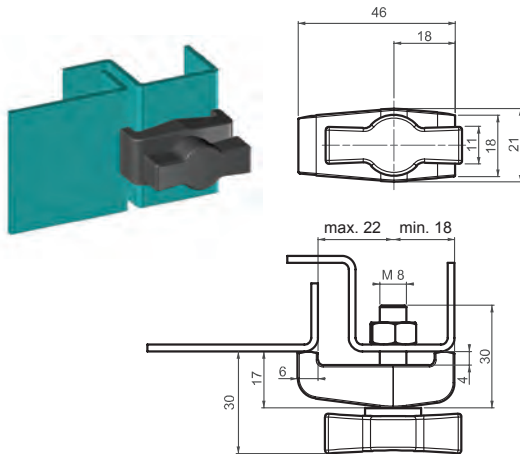
Features:

- Ideal for small metal machinery covers
- Easy Installation
- Long-lasting stainless steel spring
- Suitable for panel thickness between 0.8 - 1.5mm

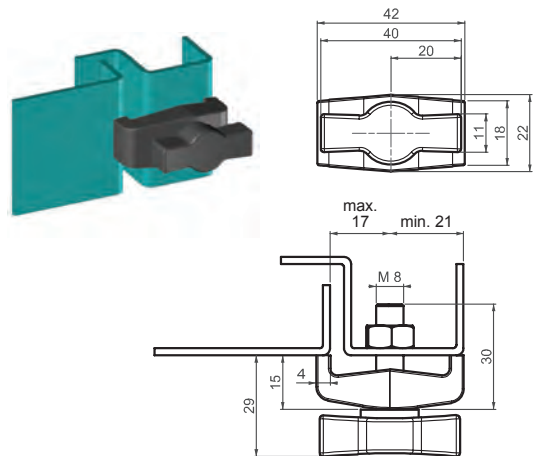
Cut-Out

Item No.	Panel Thickness
47112	0.8 - 1.2 mm
47115	1.2 - 1.5 mm

462 Series Bridge Clamps / Latches



Version 1



Version 2

Specifications:

- Material:
Housing: Nylon Black (PA6 30% GF)
Knob: Nylon Black (PA6 30% GF)
Screw: Steel

Features:

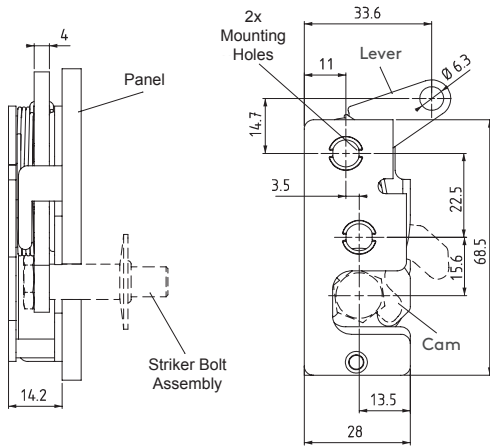
- Ideal applications for heating and ventilation panels

Item No.	Version Type
4621	1
4622	2

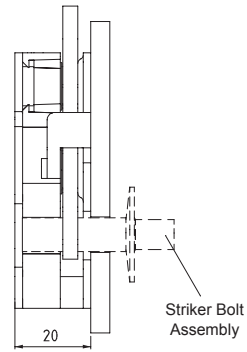


2800 Series

Rotary Latches - Concealed Mini Version



Standard Version



Bumper Version

(Dimensions same as standard version except as shown)

Specifications:

- Material: Steel
- Finish: Zinc Plated

Features:

- Push-to-close operation
- Hand-Actuated
- Striker Bolt sold separately, see page 619
- Please contact Essentra for alternate lever types (Bottom, Top, In Line, Perpendicular and Two Point)

Item No.	Version	Mounting Type	Actuation	Hand Operation
28001411001	Standard	7.2mm hole	Single Stage	Right
28001411002	Standard	7.2mm hole	Single Stage	Left
28001421001	Standard	M6 X 1 Thread	Single Stage	Right
28001421002	Standard	M6 X 1 Thread	Single Stage	Left
28001431001	Standard	1/4-20 Thread	Single Stage	Right
28001431002	Standard	1/4-20 Thread	Single Stage	Left
28001412001	Standard	7.2mm hole	Two Stage	Right
28001412002	Standard	7.2mm hole	Two Stage	Left
28001422001	Standard	M6 X 1 Thread	Two Stage	Right
28001422002	Standard	M6 X 1 Thread	Two Stage	Left
28001432001	Standard	1/4-20 Thread	Two Stage	Right
28001432002	Standard	1/4-20 Thread	Two Stage	Left
28002411001	Bumper	7.2mm hole	Single Stage	Right
28002411002	Bumper	7.2mm hole	Single Stage	Left
28002421001	Bumper	M6 X 1 Thread	Single Stage	Right
28002421002	Bumper	M6 X 1 Thread	Single Stage	Left
28002431001	Bumper	1/4-20 Thread	Single Stage	Right
28002431002	Bumper	1/4-20 Thread	Single Stage	Left
28002412001	Bumper	7.2mm hole	Two Stage	Right
28002412002	Bumper	7.2mm hole	Two Stage	Left
28002422001	Bumper	M6 X 1 Thread	Two Stage	Right
28002422002	Bumper	M6 X 1 Thread	Two Stage	Left
28002432001	Bumper	1/4-20 Thread	Two Stage	Right
28002432002	Bumper	1/4-20 Thread	Two Stage	Left



STRIKER BOLTS FOR ROTARY LATCH

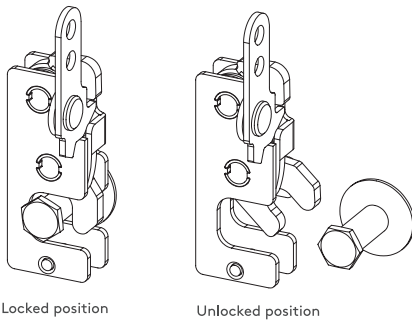
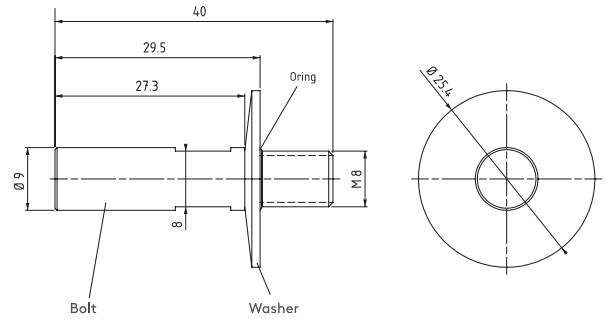
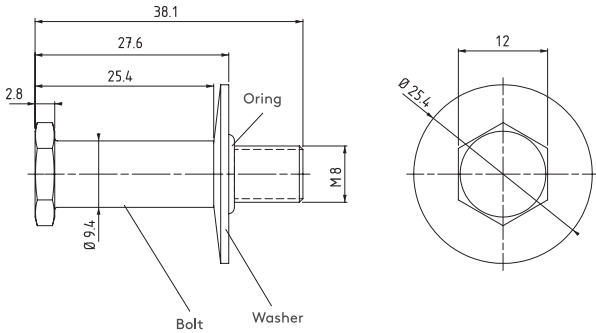
SB Series

Striker Bolt - For Concealed Mini Rotary Latch

Version 1

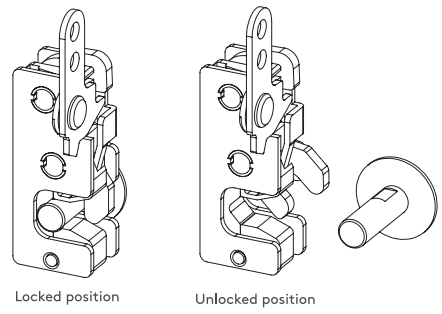


Version 2



Locked position

Unlocked position



Locked position

Unlocked position

Specifications:

- Material: Steel
- Finish: Zinc Plated

Features:

- Used with Rotary Latch system, see series 2800
- Standard version SB1 is used with 2800 Series Standard Hand Actuated Latches
- Bumper version SB2 is used with 2800 Series Bumper Hand Actuated Latches

Item No.	Version	Description
SB1	1	Standard Rotary Latch
SB2	2	Bumper Rotary Latch

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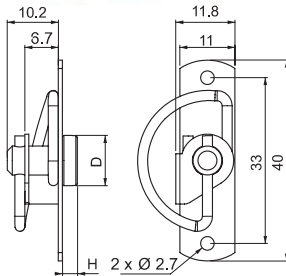
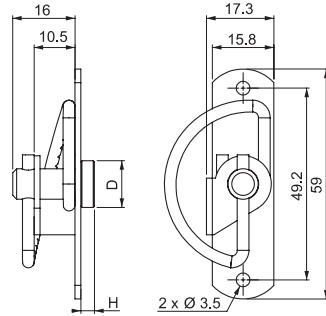
GIVE US A CALL
 800 847 0486



SEND US AN EMAIL
sales@essentracomponents.com



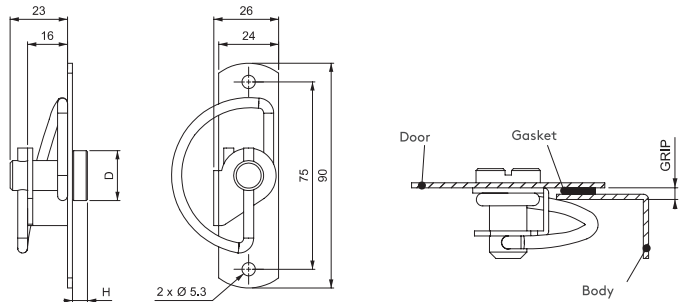
SEND US A FAX
 866 561 6617

**SPECIALTY LATCHES - COMPRESSION SPRING LATCHES****045 Series
Compression Spring Latch****Version 1 - Small****Version 2 - Medium****Specifications:**

- Material:
Body: See Table
Driver: See Table
Spring: Stainless Steel

Features:

- Fix small panels to frames with ease
- Quarter-turn locking feature
- For doors with a bend of 24mm

**Version 3 - Large**

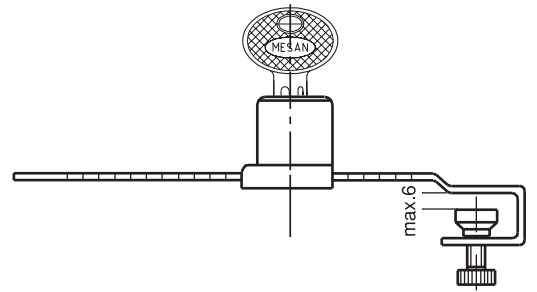
Driver Style	Size	Ø D	H
	Small	10.0	3.0
	Medium	12.0	3.5
	Large	20.0	5.0
	Small	10.5	12.0
	Medium	13.0	17.5

Item No.	Version	Body/Driver Material	Finish	Driver Description	Driver Style	Cam Description
0451401241	1	Stainless Steel	Natural	Slot, Small	12	Smooth Spring
0451401341	1	Stainless Steel	Natural	Knurled, Small	13	Smooth Spring
0452402242	2	Stainless Steel	Natural	Slot, Medium	22	Smooth Spring
0452402252	2	Stainless Steel	Natural	Slot, Medium	22	Serrated Spring
0452402342	2	Stainless Steel	Natural	Knurled, Medium	23	Smooth Spring
0452402352	2	Stainless Steel	Natural	Knurled, Medium	23	Serrated Spring
0453403243	3	Stainless Steel	Natural	Slot, Large	32	Smooth Spring
0453403253	3	Stainless Steel	Natural	Slot, Large	32	Serrated Spring
0451631241	1	Steel	Chrome Plated	Slot, Small	12	Smooth Spring
0451631341	1	Steel	Chrome Plated	Knurled, Small	13	Smooth Spring
0452632242	2	Steel	Chrome Plated	Slot, Medium	22	Smooth Spring
0452632252	2	Steel	Chrome Plated	Slot, Medium	22	Serrated Spring
0452632342	2	Steel	Chrome Plated	Knurled, Medium	23	Smooth Spring
0452632352	2	Steel	Chrome Plated	Knurled, Medium	23	Serrated Spring
0453633243	3	Steel	Chrome Plated	Slot, Large	32	Smooth Spring
0453633253	3	Steel	Chrome Plated	Slot, Large	32	Serrated Spring



SPECIALTY LATCHES - GLASS DOOR & FURNITURE LOCKS

020 Series Sliding Glass Door Latches

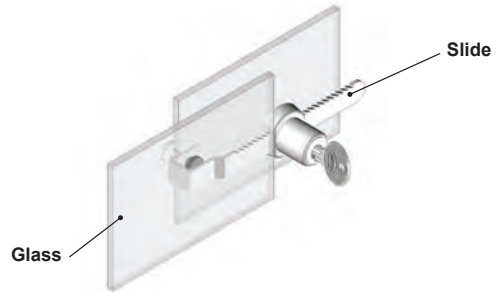


Specifications:

- Material:
Body: Zinc Alloy
Slide: Stainless Steel
Finish: Chrome Plated
Strike Plate: Steel, Zinc Plated
- Two keys supplied with every lock
- Zinc Alloy is DIN-EN 1774 rated

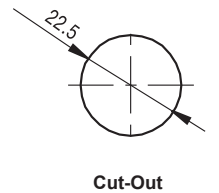
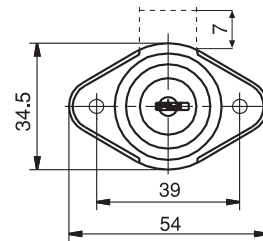
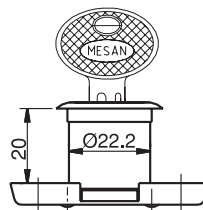
Features:

- Ideal application for glass cabinets and show cases

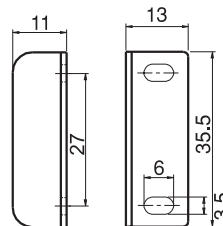


Item No.	Cylinder Description
02001	Keyed Alike
02002	Keyed to Differ

030 Series Furniture Locks



Strike Plate



Specifications:

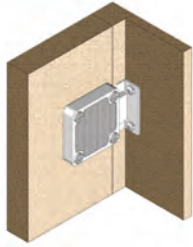
- Material:
Body: Zinc Alloy
Cam: Steel
Finish: Chrome Plated
Strike Plate: Steel, Zinc Plated
- Zinc Alloy is DIN-EN 1774 rated
- Strike plate sold separately
- Two keys supplied with every lock

Features:

- Ideal application for furniture latching



Item No.	Cylinder Description	Strike Plate Item No.
03001	Keyed Alike	030A1
03002	Keyed to Differ	030A1

**SPECIALTY LATCHES - FURNITURE & GLASS DOOR LOCKS****032 Series
Furniture Locks****Specifications:**

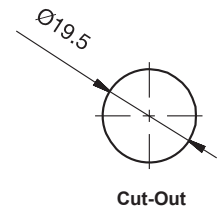
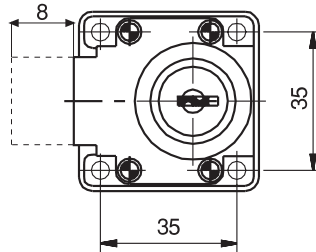
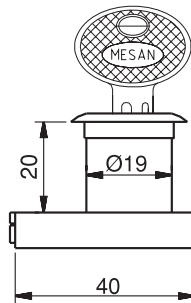
- Material:
Body: Zinc Alloy
Cam: Steel
Finish: Chrome Plated
Strike Plate: Steel, Zinc Plated
- Zinc Alloy is DIN-EN 1774 rated
- Two keys supplied with every lock

Features:

- Ideal application for furniture latching

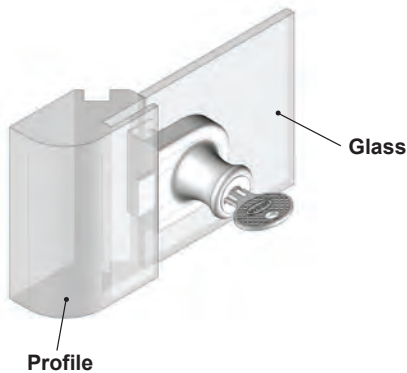
**Strike Plate - Optional**

- Item No. 030A1
- Ordered separately



⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.

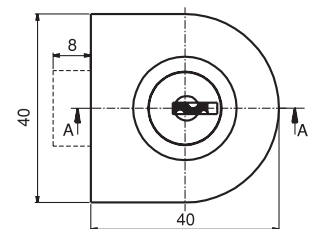
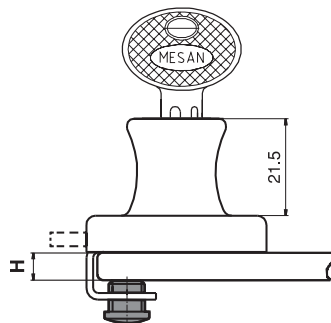
Item No.	Cylinder Description	Strike Plate Item No.
03201	Keyed Alike	030A1
03202	Keyed to Differ	030A1

**021 Series
Glass Door Locks****Specifications:**

- Material:
Body: Zinc Alloy
Slide: Stainless Steel
Finish: Chrome Plated
- Two keys supplied with every lock
- Zinc Alloy is DIN-EN 1774 rated

Features:

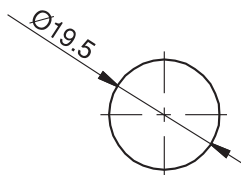
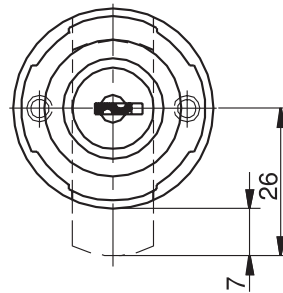
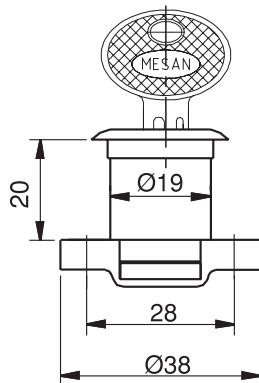
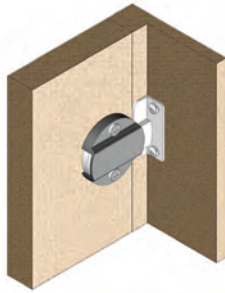
- Ideal application for glass cabinets and display cases



Item No.	Key Type	Glass Thickness (H)
02101	Keyed Alike	4mm - 7mm
02102	Keyed Different	4mm - 7mm



**033 Series
Furniture Locks**



Cut Out

Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Cam: Steel
Strike Plate: Steel, Zinc Plated
- Nylon is DIN-EN ISO 10431
- Strike plate sold separately
- Two keys supplied with every lock

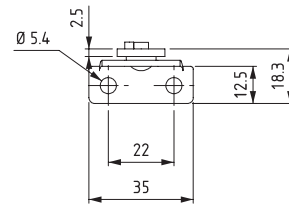
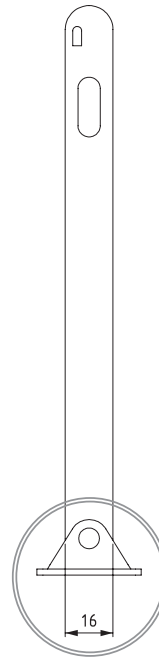
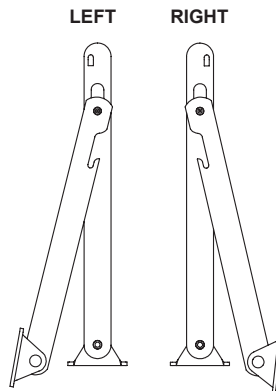
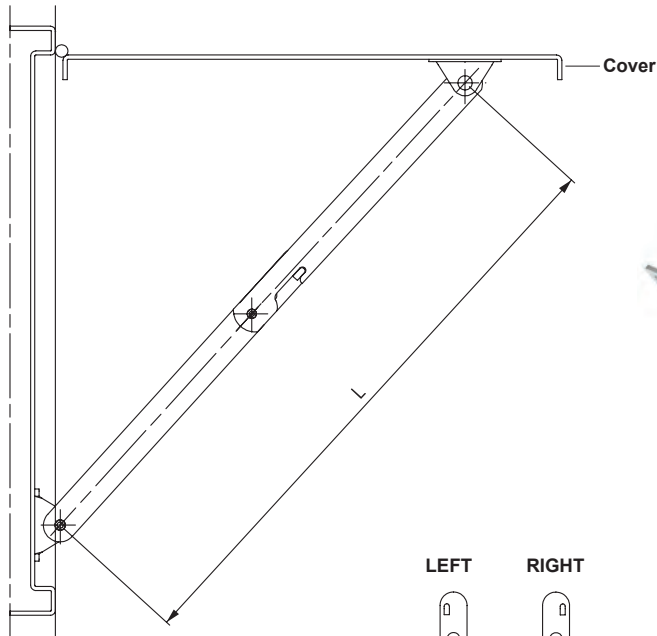
Features:

- Ideal application for furniture latching

Item No.	Cylinder Type	Cylinder Description	Strike Plate Item No.
03301	01	Keyed alike	030A1

**079 Series
Cover Stay Hinge**

Body

**Specifications:**

- Material: See Table
- Finish: See Table

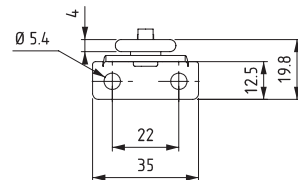
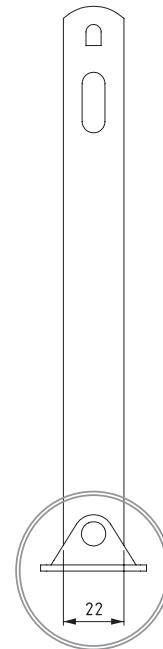
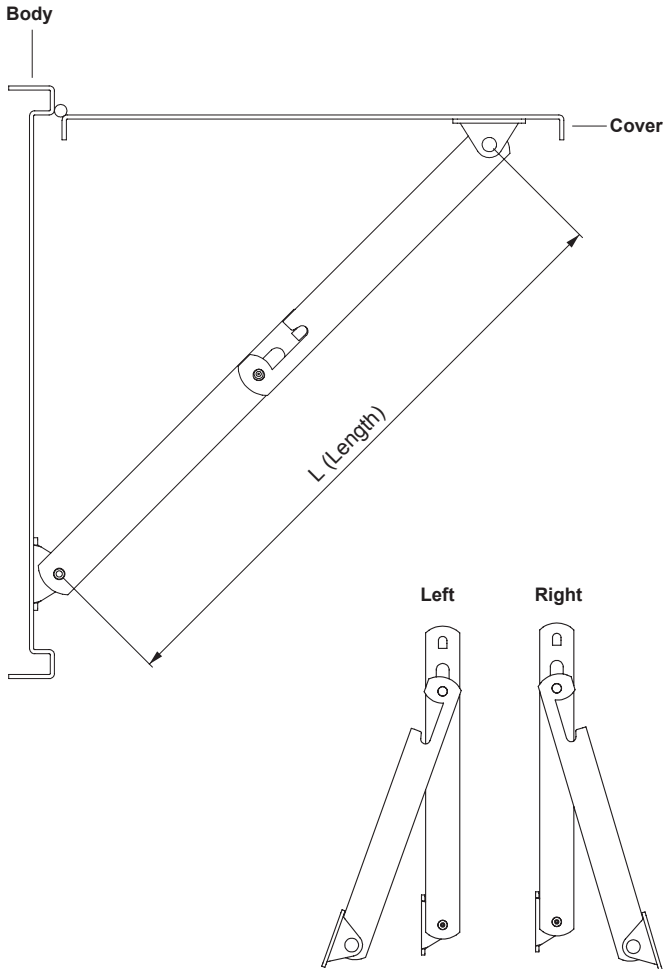
Features:

- Applications for electrical panels and machinery covers
- Suitable for left and right hand applications

Item No.	Material	Finish	Length (L)	Hand Operation
07940135001	Stainless Steel	Natural	135	Right
07940135002	Stainless Steel	Natural	135	Left
07940202001	Stainless Steel	Natural	202	Right
07940202002	Stainless Steel	Natural	202	Left
07940292001	Stainless Steel	Natural	292	Right
07940292002	Stainless Steel	Natural	292	Left
07963135001	Steel	Zinc Plated	135	Right
07963135002	Steel	Zinc Plated	135	Left
07963202001	Steel	Zinc Plated	202	Right
07963202002	Steel	Zinc Plated	202	Left
07963292001	Steel	Zinc Plated	292	Right
07963292002	Steel	Zinc Plated	292	Left



**279 Series
Cover Stay Hinge**



Specifications:

- Material: See Table
- Finish: See Table

Features:

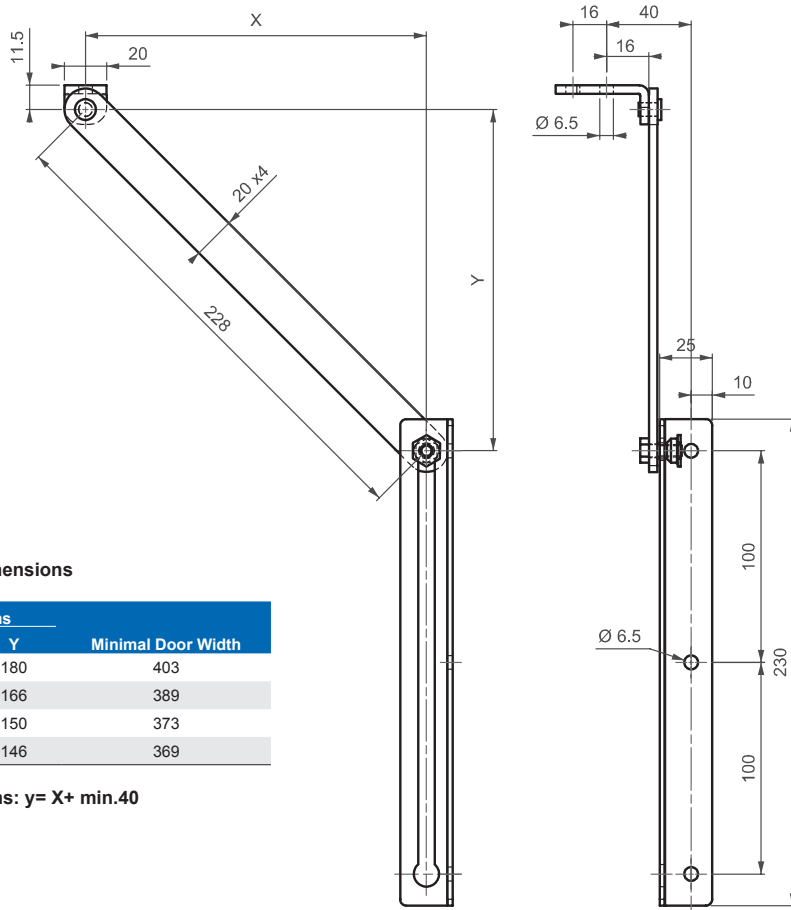
- Suitable for heavy-duty applications
- Manufactured using 4mm thick steel

Item No.	Material	Finish	Length (L)	Hand Operation
27940135001	Stainless Steel	Natural	135	Right
27940135002	Stainless Steel	Natural	135	Left
27940202001	Stainless Steel	Natural	202	Right
27940202002	Stainless Steel	Natural	202	Left
27940292001	Stainless Steel	Natural	295	Right
27940292002	Stainless Steel	Natural	292	Left
27963135001	Steel	Zinc Plated	135	Right
27963135002	Steel	Zinc Plated	135	Left
27963202001	Steel	Zinc Plated	202	Right
27963202002	Steel	Zinc Plated	202	Left
27963292001	Steel	Zinc Plated	292	Right
27963292002	Steel	Zinc Plated	292	Left



COVER STAYS

179 Series Cover Stay Hinge



Installation Dimensions

Opening Angle	Dimensions		Minimal Door Width
	X	Y	
140°	140	180	403
120°	120	166	389
110°	110	150	373
100°	100	146	369

For other configurations: $y = X + \text{min.}40$

Specifications:

- Material: See Table
- Finish: See Table

Features:

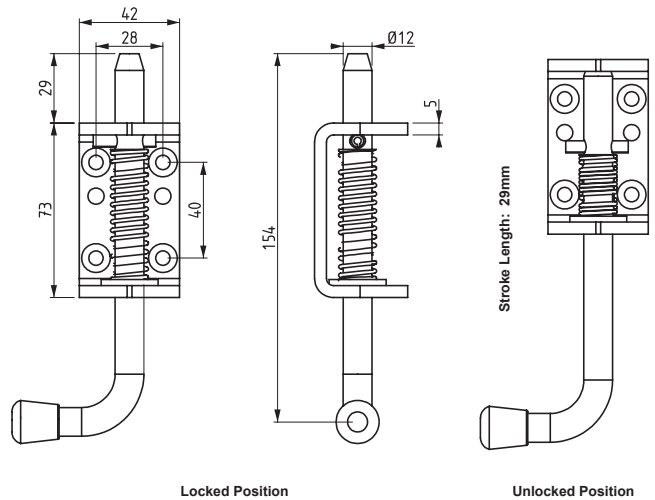
- Cover stay with automatic lock to keep the door propped open
- Suitable for left and right hand applications

Item No.	Material	Finish
17940	Stainless Steel	Natural
17963	Steel	Zinc Plated

SPRING LOADED LATCHES

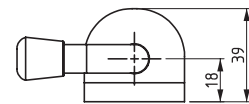


2750 Series Spring Loaded Latches



Locked Position

Unlocked Position



Specifications:

- Material:
Body: Steel
Pin: Steel
Finish: Zinc Plated

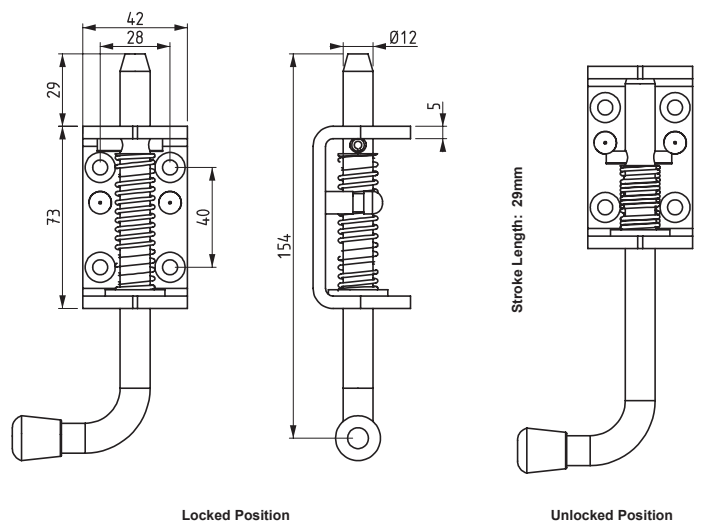
Features:

- Ideal for metal and wood applications

Item
No.

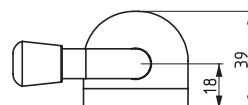
275063

2751 Series Spring Loaded Latches



Locked Position

Unlocked Position



Specifications:

- Material:
Body: Steel
Pin: Steel
Finish: Zinc Plated

Features:

- Ideal for metal and wood applications

Item
No.

275163

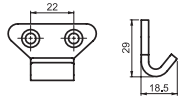
**DRAW LATCHES****340 & 2700 Series
Draw Latches**

Specifications:

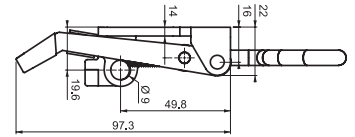
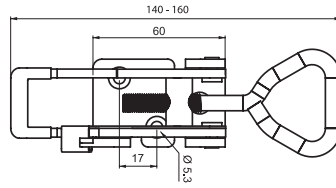
- Material: Steel
- Finish: Zinc Plated



Note: Adjustable



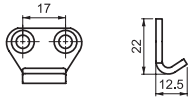
Catch Plate



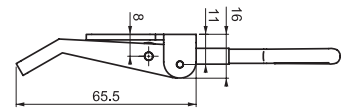
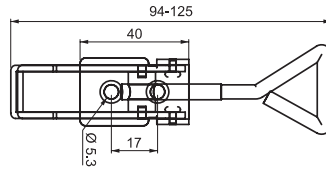
Item No.

34000135

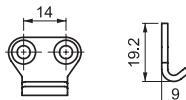
Note: Adjustable



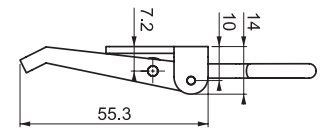
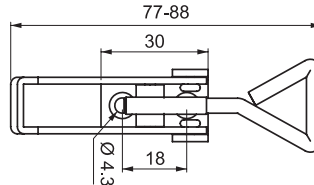
Catch Plate



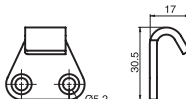
Item No.

34000133

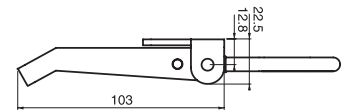
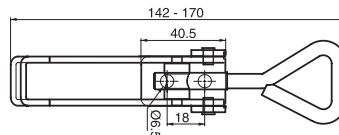
Catch Plate



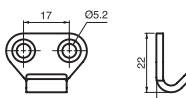
Item No.

34000131

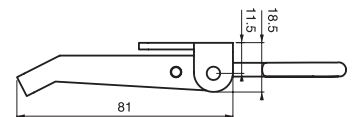
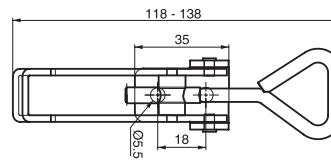
Catch Plate



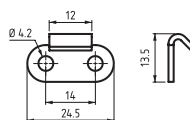
Item No.

270263

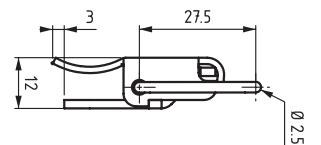
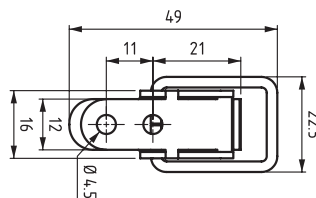
Catch Plate



Item No.

270163

Catch Plate



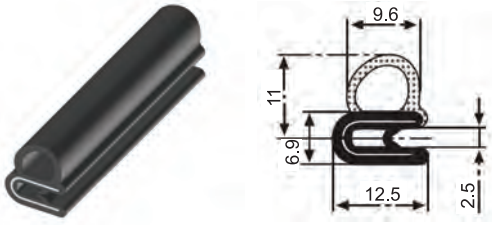
Item No.

270063

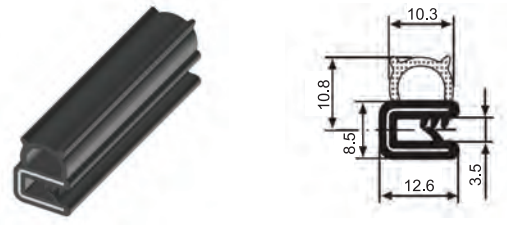


Gaskets - Profile Sealing

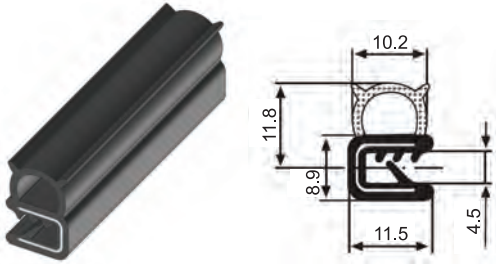
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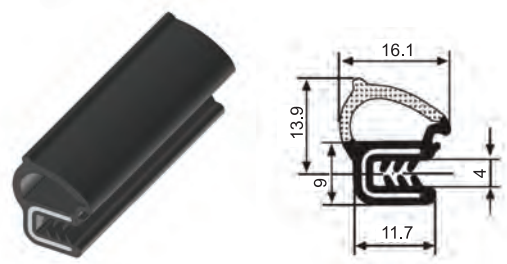
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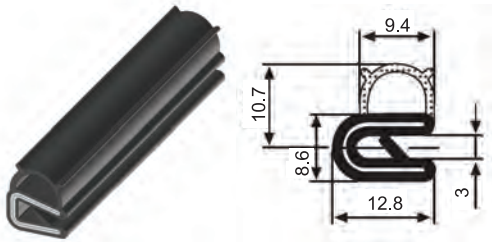
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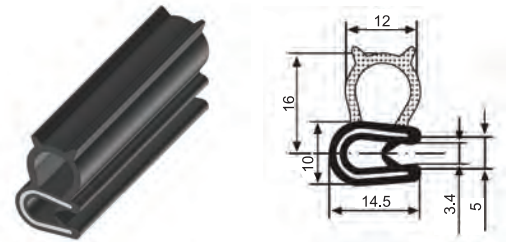
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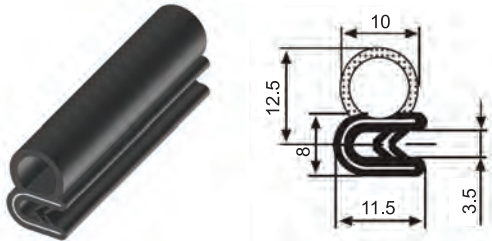
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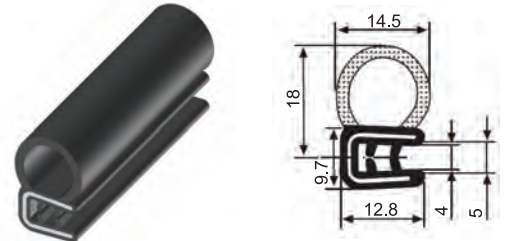
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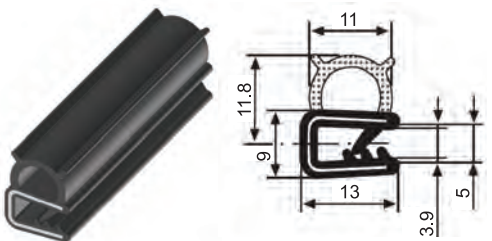
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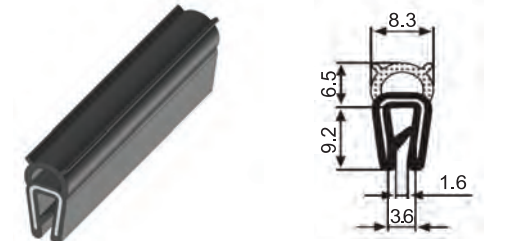
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34009006



34009103

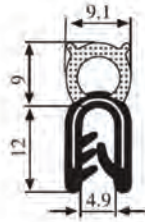


- Specifications:
- Material: EPDM
 - Color: Black

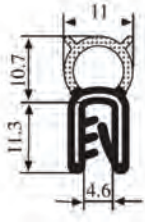
Item No.	Grip Range		Roll Length		Pack Qty.
	mm	ft	m		
34009001	1.0 - 2.0	328	100		1
34009002	1.0 - 3.0	328	100		1
34009003	1.0 - 2.5	328	100		1
34009004	1.0 - 2.0	328	100		1
34009006	1.0 - 3.0	328	100		1
34009007	1.0 - 2.0	328	100		1
34009010	1.5 - 3.0	164	50		1
34009014	1.0 - 3.0	164	50		1
34009029	1.5 - 3.5	164	50		1
34009103	1.0 - 2.0	328	100		1

**GASKETS****Gaskets - Profile Sealing**

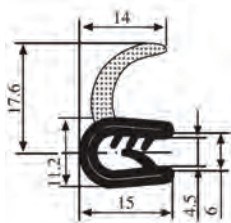
34009105



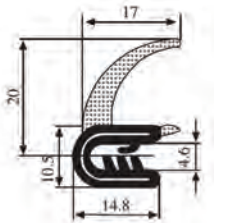
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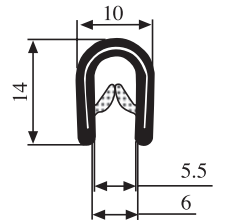
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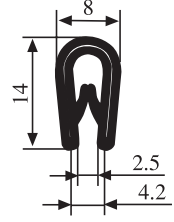
34009203



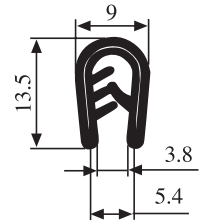
34009516



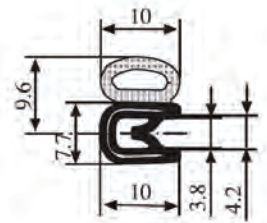
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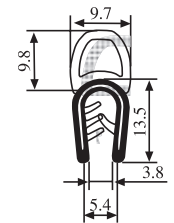
34009523



34009701



34009802



Specifications:

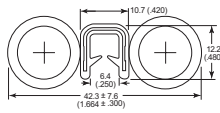
- Material: See Table
- Color: Black

Item No.	Material	Grip Range		Roll Length		Pack Qty.
		mm	ft	m		
34009105	EPDM	1.0 - 3.5	328	100	1	
34009107	EPDM	1.0 - 3.5	328	100	1	
34009202	EPDM	2.0 - 4.0	164	50	1	
34009203	EPDM	1.0 - 3.5	164	50	1	
34009516	PVC	1.0 - 4.0	492	150	1	
34009522	PVC	1.0 - 3.0	492	150	1	
34009523	PVC	1.5 - 4.0	492	150	1	
34009701	PVC/EPDM	1.0 - 2.0	328	100*	1	
34009802	PVC/EPDM	1.5 - 4.0	328	100	1	

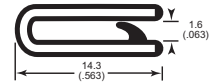
*Roll Length is 2 separate 50m rolls



GASK Series
Gaskets - Profile Sealing



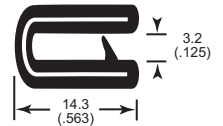
GASK1050A



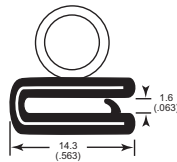
GASK3200A



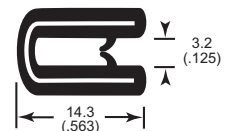
GASK2200A



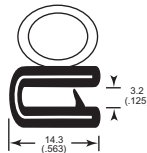
GASK3300A



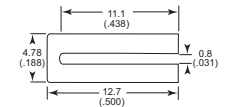
GASK2300A



GASK3500A



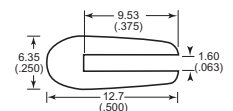
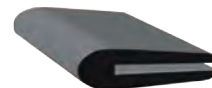
GASK2400A



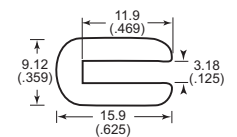
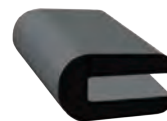
GASK4100A



GASK3100A



GASK4200A



GASK4300A

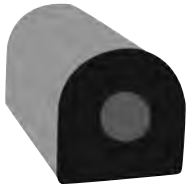
Specifications:

- Material: EPDM OR PVC

Features:

- Internal wire inserts allows for firm clip, except item numbers GASK2200A and GASK2400A
- Can be used as a protective edge on sheet metal
- PVC is best if enclosure will be sealed for long periods

Item No.	Material	Grip	Roll Length	UOM
GASK1050A	EPDM & PVC	6.40	200	ft
GASK2200A	EPDM & PVC over Metal	3.20	250	ft
GASK2300A	EPDM & PVC over Metal	1.60	250	ft
GASK2400A	EPDM & PVC over Metal	3.20	250	ft
GASK3100A	PVC over Metal	1.60	250	ft
GASK3200A	PVC over Metal	1.60	250	ft
GASK3300A	PVC over Metal	3.20	250	ft
GASK3500A	PVC over Metal	3.20	250	ft
GASK4100A	Neoprene	0.80	500	ft
GASK4200A	Neoprene	1.60	500	ft
GASK4300A	Neoprene	3.18	250	ft
GASK5000A	EPDM	3.20	20	m

**GASKETS****PRGAS Series
Gaskets - Profile Sealing**

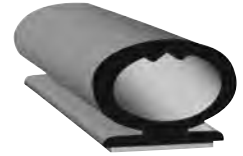
Type 1



Type 2



Type 3



Type 4

Specifications:

- Material: EPDM Foam with adhesive backing
- Temperature range: 20° to 150° F
- Flammability: FMVSS 302 & UL 50 rated
- Adhesive is pressure sensitive acrylic
- Mating surface should be free of contaminants and cleaned prior with denatured alcohol

Features:

- Recommended for max 25-50% compression
- Suitable for both indoor and outdoor applications
- Excellent resistance to water adsorption, ozone and UV aging

Item No.	Type	Material	Width	Height
PRGAS1000A	1	EPDM Foam Rubber	12.7	12.7
PRGAS1500A	2	EPDM Foam Rubber	19.1	14.3
PRGAS2000A	3	EPDM Foam Rubber	15.9	9.5
PRGAS3000A	4	EPDM Foam Rubber	8.9	12.4

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Lawn & Garden



Construction & Agriculture



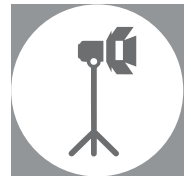
Fitness



Marine



Industrial Manufacturing



Lighting



HVAC



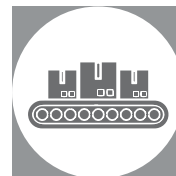
Medical



Science & Laboratory



Audio & Visual



Packaging



Sporting Goods



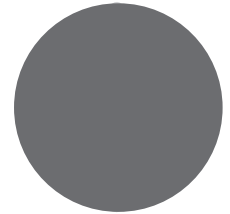
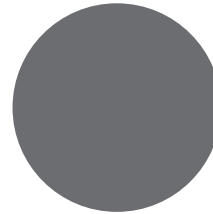
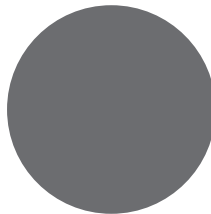
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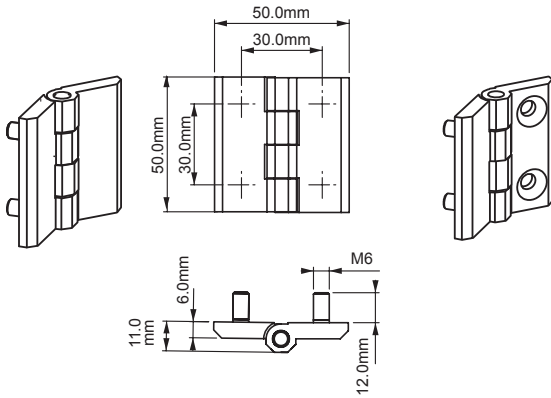
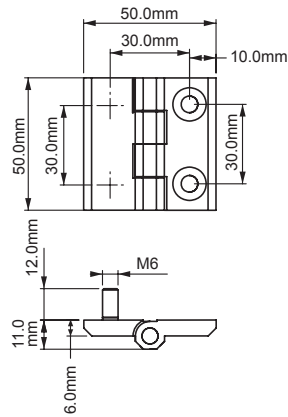
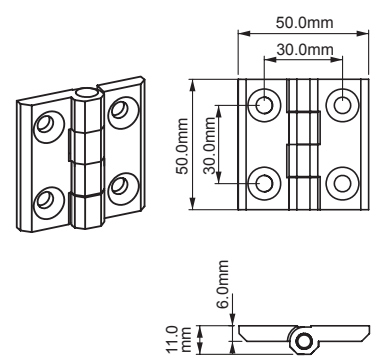
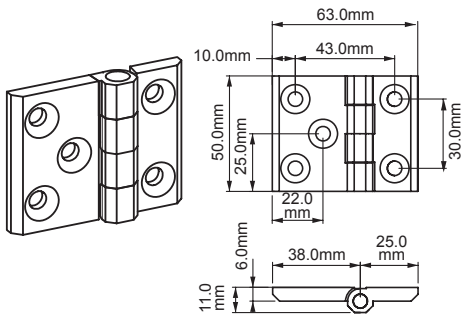
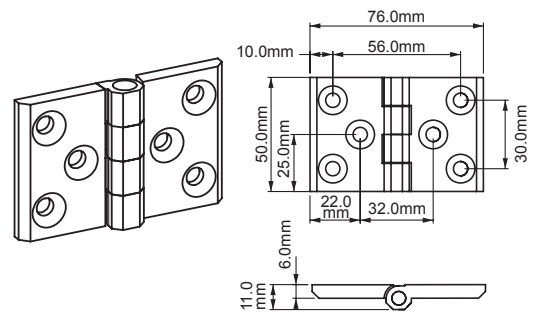
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ESSENTIAL SOLUTIONS

DELIVERED

**SURFACE MOUNT HINGES****099 Series
Surface Mount Hinges****Version 1****Version 2****Version 4****Version 5****Version 6****Specifications:**

- Material: See Table
- Pin Material: Stainless Steel
- Finish: See Table

Features:

- Generally used for plain/flush-mounted doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications
- Available in three sizes, through-hole and stud version

Item No.	Material	Finish	Version
099111	Zinc Alloy	Chrome Plated	1
099112	Zinc Alloy	Chrome Plated	2
099114	Zinc Alloy	Chrome Plated	4
099115	Zinc Alloy	Chrome Plated	5
099116	Zinc Alloy	Chrome Plated	6
099121	Zinc Alloy	Black Powder Coated	1
099122	Zinc Alloy	Black Powder Coated	2
099124	Zinc Alloy	Black Powder Coated	4
099125	Zinc Alloy	Black Powder Coated	5
099126	Zinc Alloy	Black Powder Coated	6
099404	Stainless Steel	Electropolished	4

(Continued on next page >)

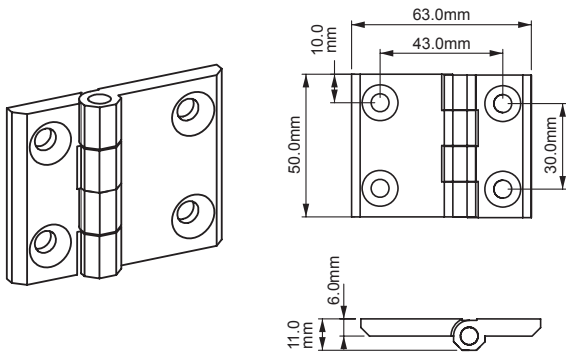


SURFACE MOUNT HINGES

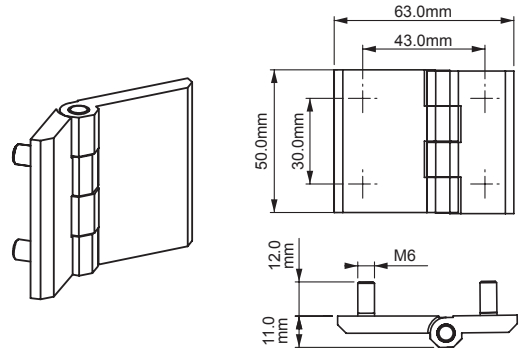
099 Series Surface Mount Hinges (Continued)



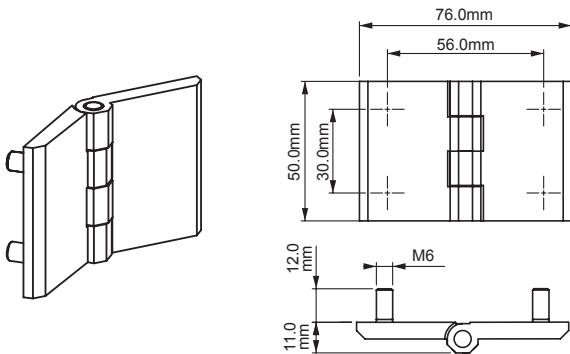
Version 7



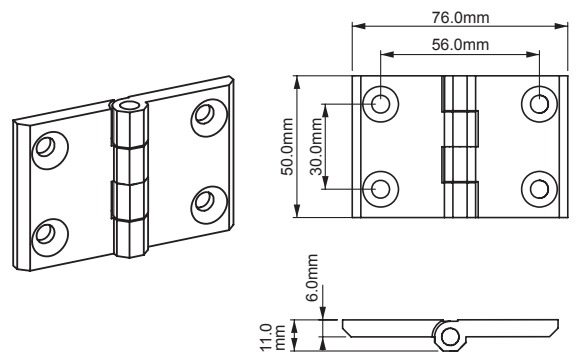
Version 8



VERSION 9



Version 10



Specifications:

- Material: See Table
- Pin Material: Stainless Steel
- Finish: See Table

Features:

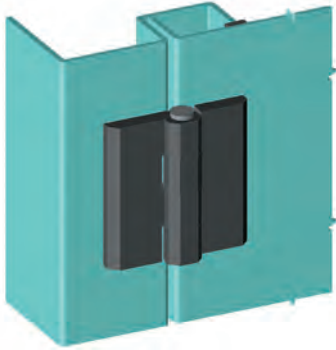
- Generally used for plain/flush-mounted doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications
- Available in three sizes, through-hole and stud version

Item No.	Material	Finish	Version
099117	Zinc Alloy	Chrome Plated	7
099118	Zinc Alloy	Chrome Plated	8
099119	Zinc Alloy	Chrome Plated	9
0991110	Zinc Alloy	Chrome Plated	10
099127	Zinc Alloy	Black Powder Coated	7
099128	Zinc Alloy	Black Powder Coated	8
099129	Zinc Alloy	Black Powder Coated	9
0991210	Zinc Alloy	Black Powder Coated	10
099407	Stainless Steel	Electropolished	7
0994010	Stainless Steel	Electropolished	10

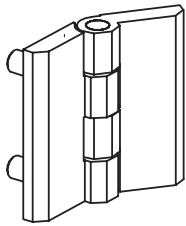


SURFACE MOUNT HINGES

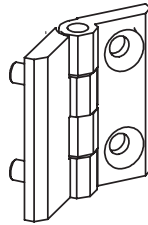
199 Series Surface Mount Hinges



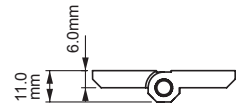
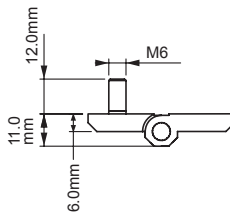
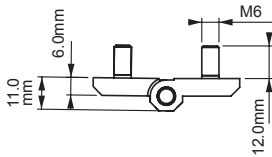
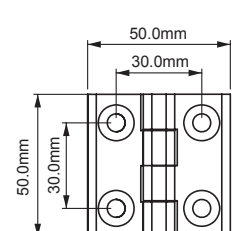
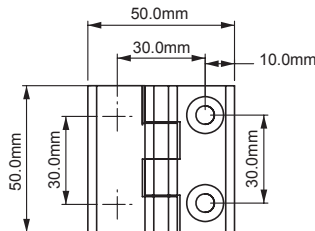
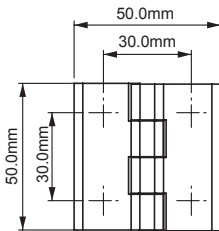
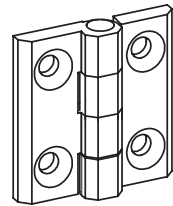
Version 1



Version 2



Version 3



Specifications:

- Material:
Body: Nylon Black (PA6 30% GF)
Pin: Stainless Steel

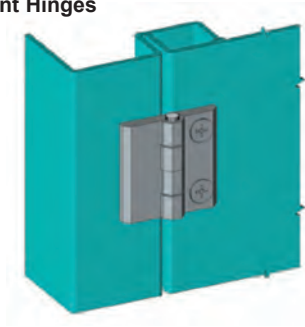
Features:

- Generally used for plain/flush-mounted doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications

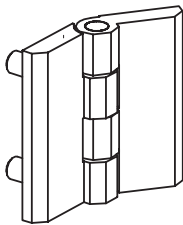
Item No.	Version
199201	1
199202	2
199203M	3



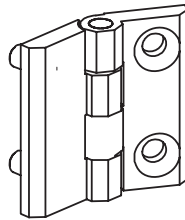
**299 Series
Surface Mount Hinges**



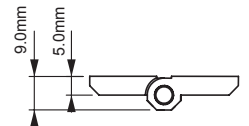
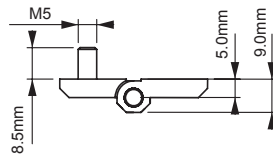
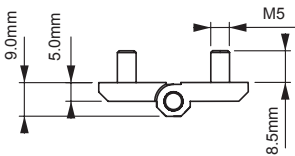
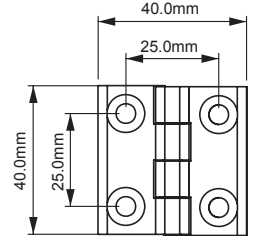
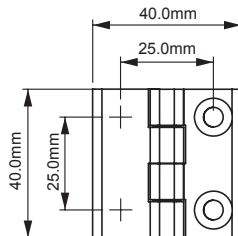
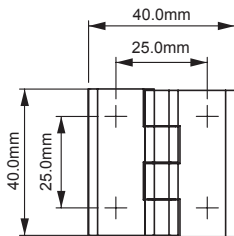
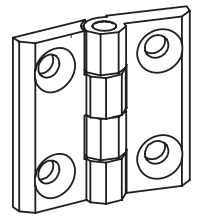
Version 1



Version 2



Version 3



Specifications:

- Material:
Body: See Table
Pin: Stainless Steel
- Body is DIN-EN 1774 rated

Features:

- Generally used for plain/flush-mounted doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications

Item Number	Version	Material	Color / Finish
299201	1	Nylon	Black
299202	2	Nylon	Black
299203	3	Nylon	Black
299111	1	Zinc Alloy	Chrome Plated
299112	2	Zinc Alloy	Chrome Plated
299113	3	Zinc Alloy	Chrome Plated
299121	1	Zinc Alloy	Black Powder Coated
299122	2	Zinc Alloy	Black Powder Coated
299123	3	Zinc Alloy	Black Powder Coated
299403	3	Stainless Steel	Electropolished

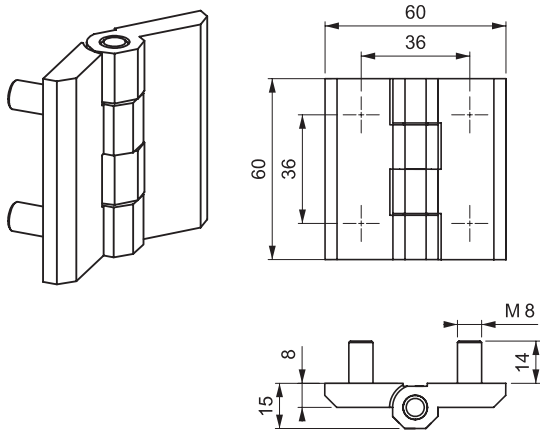


SURFACE MOUNT HINGES

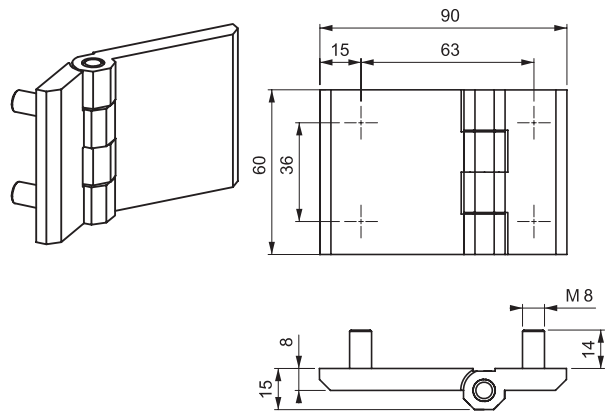
399 Series Surface Mount Hinges



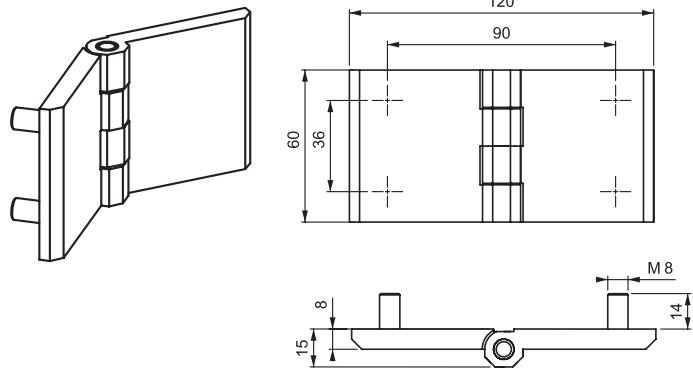
Version 1



Version 2



Version 3



Specifications:

- Material: Zinc Alloy
- Pin Material: Stainless Steel
- Finish: See Table

Features:

- Generally used for plain/flush-mounted isolated heavy doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications
- Please contact Essentra for Stainless Steel versions

Item No.	Finish	Version
399111	Chrome Plated	1
399112	Chrome Plated	2
399113	Chrome Plated	3
399121	Black Powder Coated	1
399122	Black Powder Coated	2
399123	Black Powder Coated	3

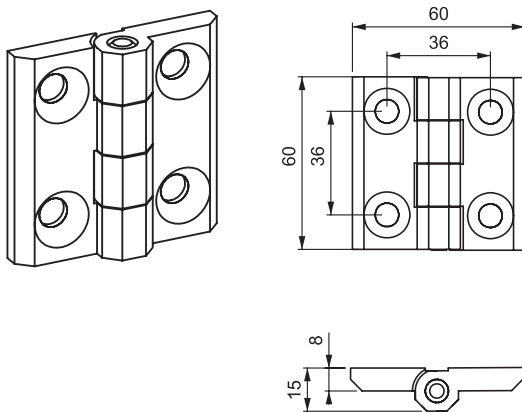
(Continued on next page >)



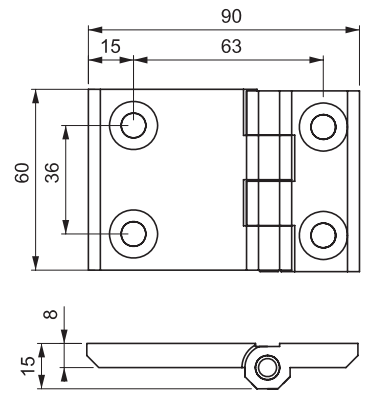
399 Series
Surface Mount Hinges (Continued)



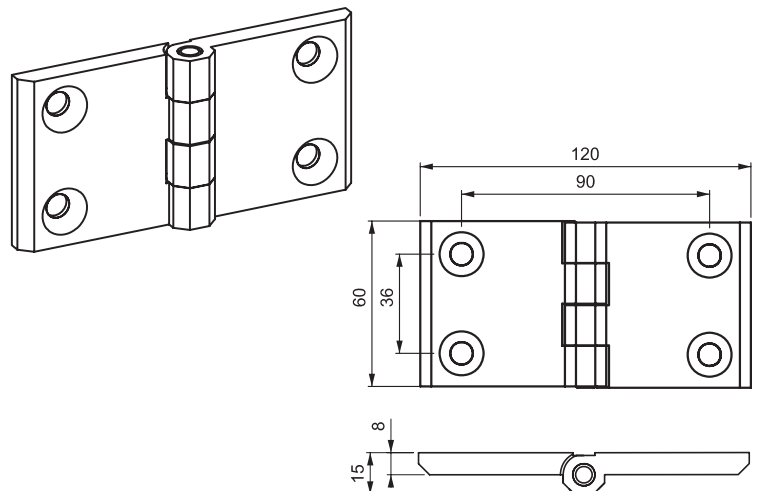
Version 4



Version 5



Version 6



Specifications:

- Material: Zinc Alloy
- Pin Material: Stainless Steel
- Finish: See Table

Features:

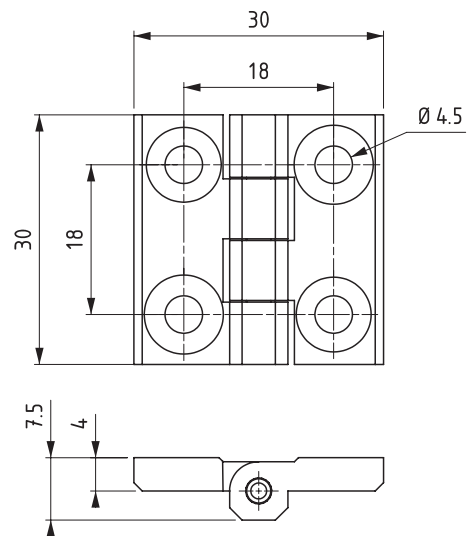
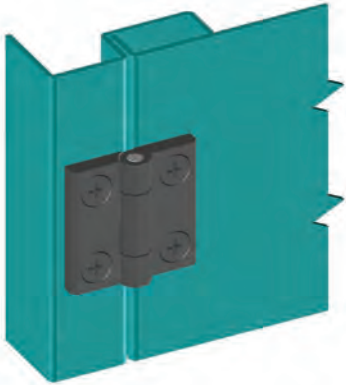
- Generally used for plain/flush-mounted isolated heavy doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications
- Please contact Essentra for Stainless Steel versions

Item No.	Finish	Version
399114	Chrome Plated	4
399115	Chrome Plated	5
399116	Chrome Plated	6
399124	Black Powder Coated	4
399125	Black Powder Coated	5
399126	Black Powder Coated	6



LEAF HINGES - MINI FLUSH MOUNT

1299 Series
Mini Leaf Hinge - Flush Mount



Specifications:

- Material:
Body: Zinc Alloy
Pin: Stainless Steel

Features:

- Generally used for plain/small flush mounted doors
- Maximum hinge rotation 270°
- Suitable for left and right hand applications

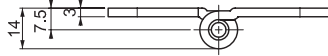
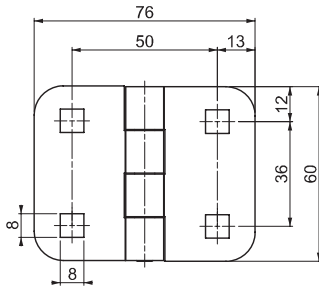
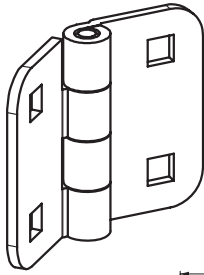
Item No.	Material	Color
129911	Zinc Alloy	Chrome Plated
129912	Zinc Alloy	Black Powder Coated



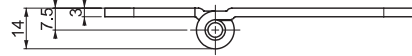
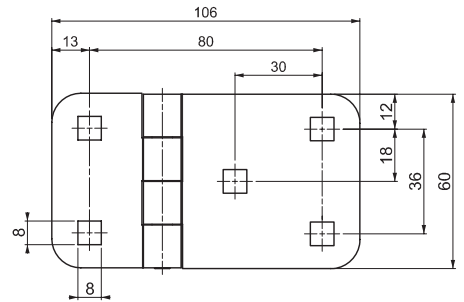
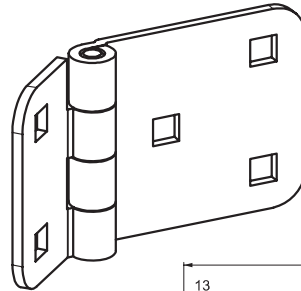
499 Series
Leaf Hinge



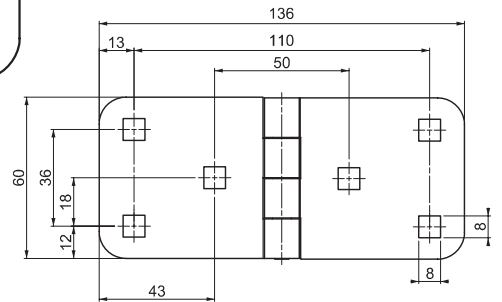
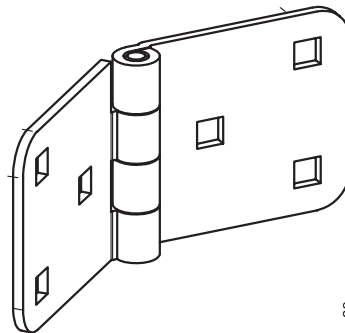
Version 1



Version 2



Version 3



Specifications:

- Material: Steel
- Pin Material: Stainless Steel
- Finish: Black Powder Coated

Features:

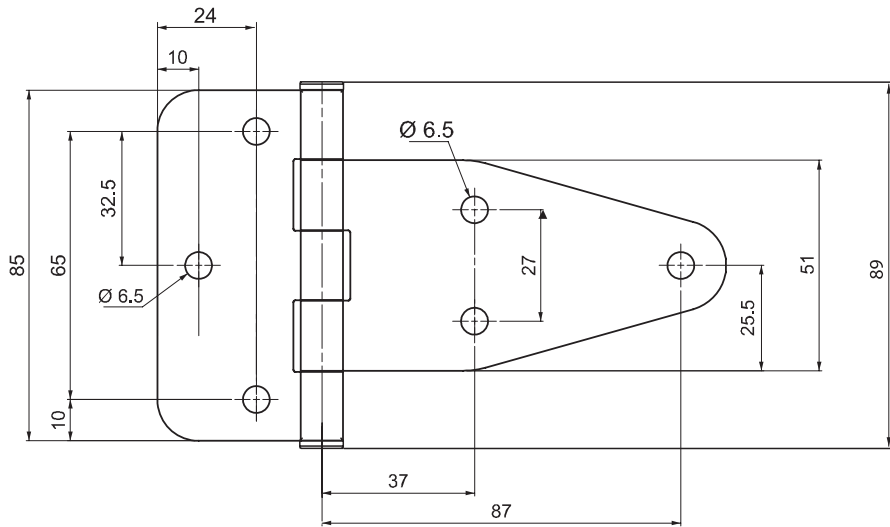
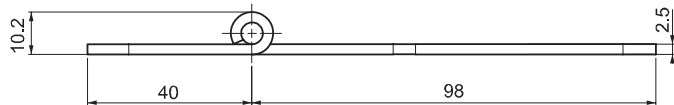
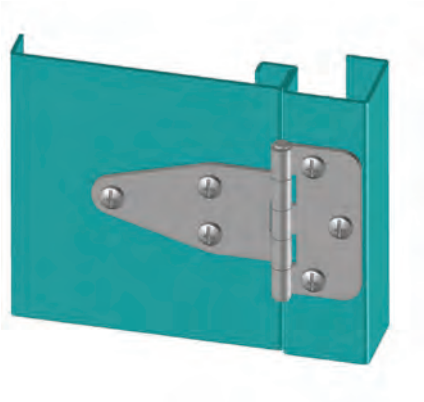
- Generally used for plain/flush-mounted, isolated heavy doors
- Maximum hinge rotation 270°
- Ideal application for generators, machinery covers and electric panels
- M8 X 12mm coach bolts supplied
- Designed for left and right hand applications

Item No.	Version
499621M	1
499622M	2
499623M	3



LEAF HINGES

599 Series Leaf Hinge



Specifications:

- Material:
Body: See Table
Pin: Stainless Steel
Finish: See Table
- Bolts are not supplied

Features:

- Applications: Generators, machinery covers, electric panels
- Maximum hinge rotation 180°
- Both parts are attached by screws or nuts and bolts
- Please contact Essentra for Zinc Plated version

Item No.	Material	Finish
59962	Steel	Black Powder Coated
59940	Stainless Steel	Natural



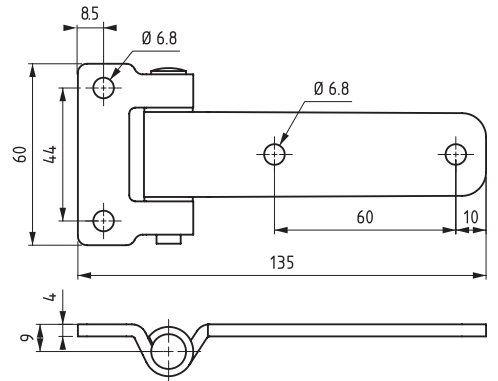
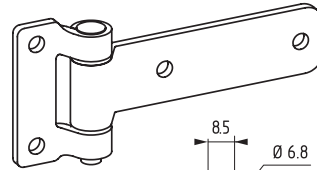
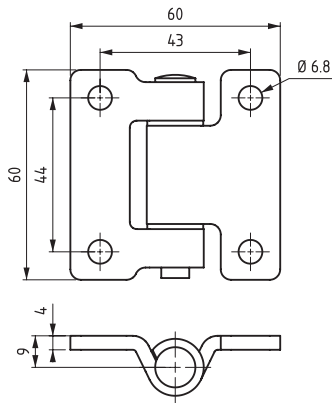
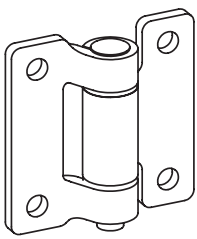
1599 Series
Leaf Hinge



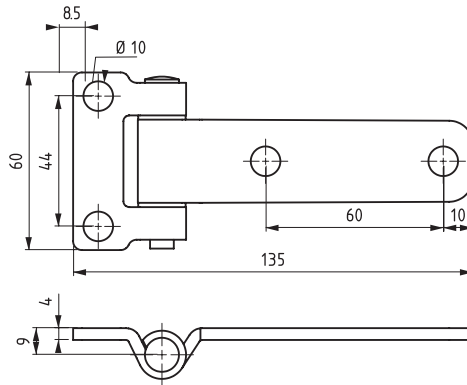
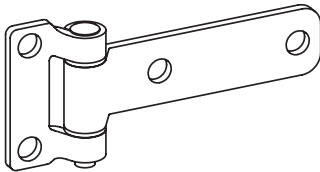
Version 1



Version 2



Version 3



Specifications:

- Material:
Body: Steel
Pin: Stainless Steel
- Finish: See Table

Features:

- Generally used for plain/flush mounted, isolated, heavy doors
- Maximum hinge rotation 180°
- Both parts are attached by screws or nuts and bolts
- Applications: Generators, machinery covers, electric panels
- Please contact Essentra for Stainless Steel versions

Item No.	Finish	Version
1599621	Black Powder Coated	1
1599622	Black Powder Coated	2
1599623	Black Powder Coated	3
1599631	Zinc Plated	1
1599632	Zinc Plated	2
1599633	Zinc Plated	3

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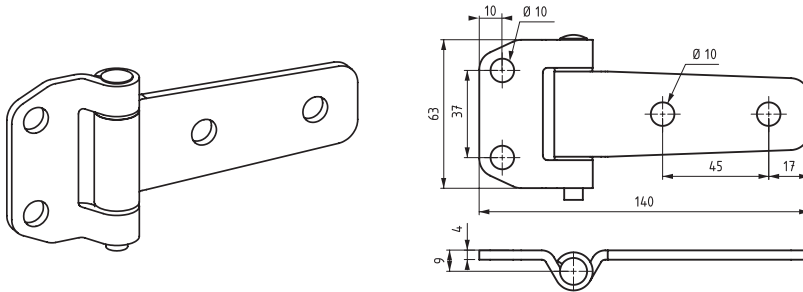


1599 Series

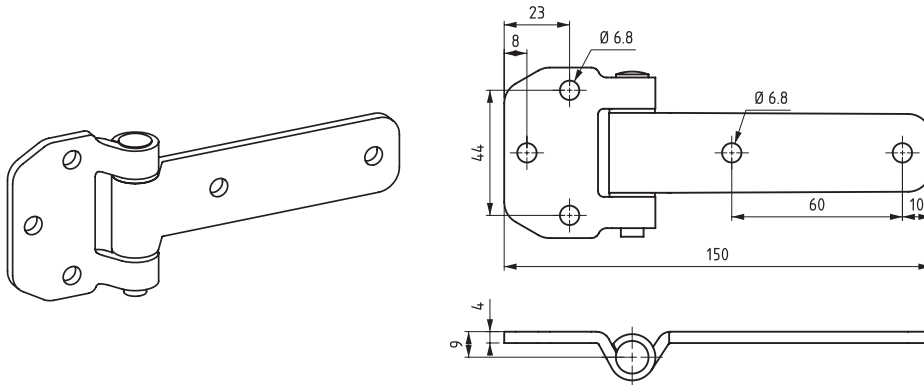
Leaf Hinge (Continued)



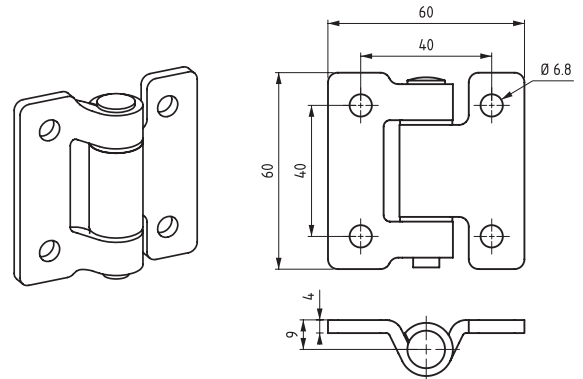
Version 4



Version 5



Version 6



Specifications:

- Material:
Body: Steel
Pin: Stainless Steel
- Finish: See Table

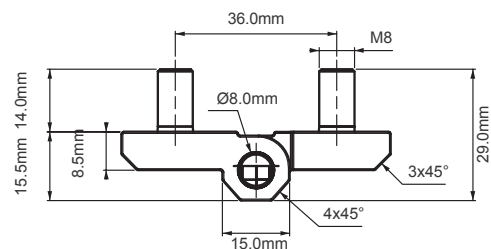
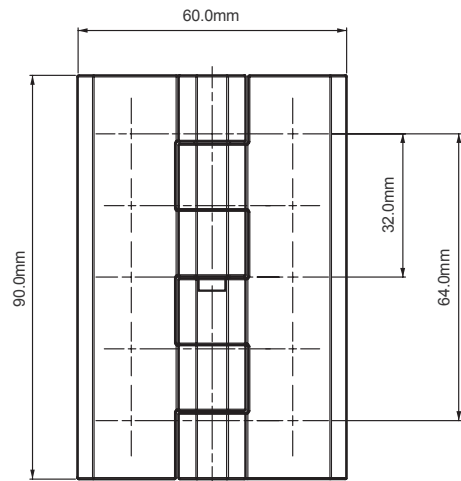
Features:

- Generally used for plain/flush mounted, isolated, heavy doors
- Maximum hinge rotation 180°
- Both parts are attached by screws or nuts and bolts
- Applications: Generators, machinery covers, electric panels
- Please contact Essentra for Stainless Steel versions

Item No.	Finish	Version
1599624	Black Powder Coated	4
1599625	Black Powder Coated	5
1599626	Black Powder Coated	6
1599634	Zinc Plated	4
1599635	Zinc Plated	5
1599636	Zinc Plated	6



900 Series Leaf Hinge



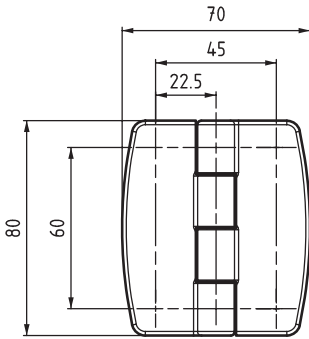
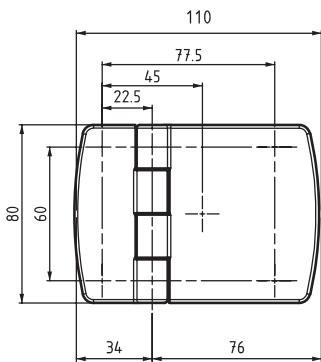
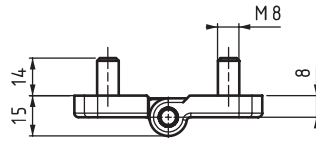
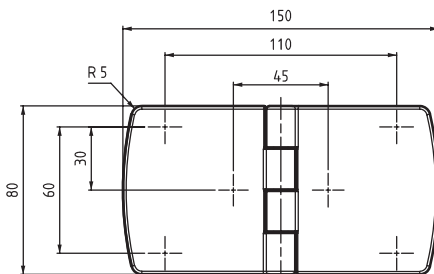
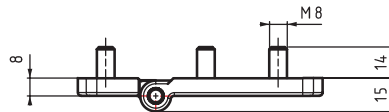
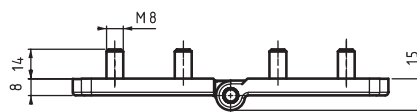
Specifications:

- Material: Zinc Alloy
- Pin Material: Stainless Steel
- Screw: Steel
- Finish: See Table

Features:

- Generally used for plain flush mounted doors and insulated panels
- Maximum hinge rotation 270°
- Installation with 6 M8 bolts
- Ideal for electric panels and machinery cover applications

Item No.	Finish
90011	Chrome Plated
90012	Black Powder Coated

**LEAF & FLAG HINGES - FLUSH MOUNT****1399 Series****Leaf & Flag Hinges- Flush Mount****Version 1****Version 2****Version 3****Specifications:**

- Material: Zinc Alloy
- Pin Material: Stainless Steel
- Stainless Steel (AISI 304) hinge pin

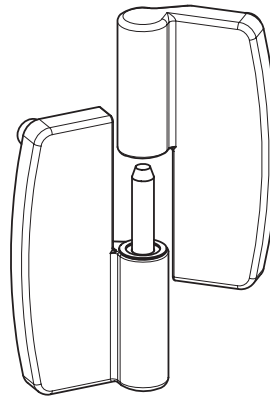
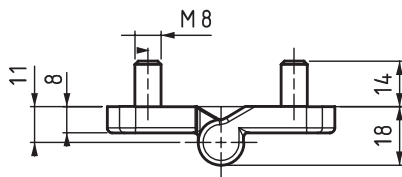
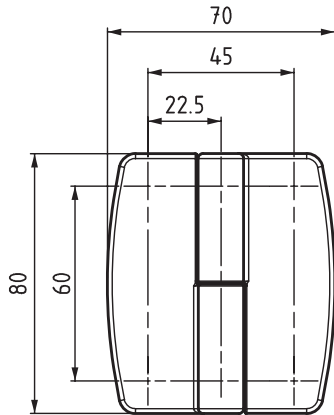
Features:

- Generally used for plain/flush-mounted isolated heavy doors
- Stud versions fitted with M8 X 14 mm threaded stud
- Maximum hinge rotation 270°
- Suitable for left and right hand applications
- Please contact Essentra for Stainless Steel versions



Item No.	Finish	Version
1399111	Chrome Plated	1
1399112	Chrome Plated	2
1399113	Chrome Plated	3
1399121	Black Powder Coated	1
1399122	Black Powder Coated	2
1399123	Black Powder Coated	3

LEAF & FLAG HINGES - FLUSH MOUNT


1699 Series
Leaf & Flag Hinges - Flush Mount


Specifications:

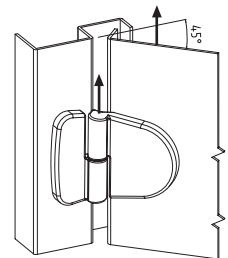
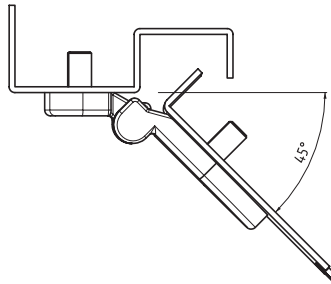
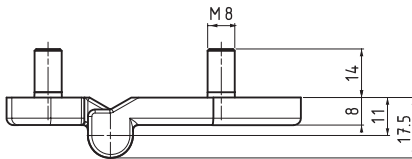
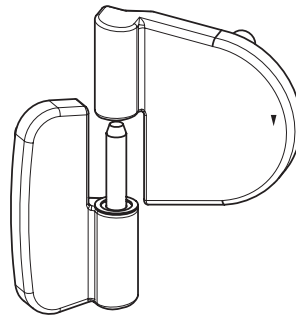
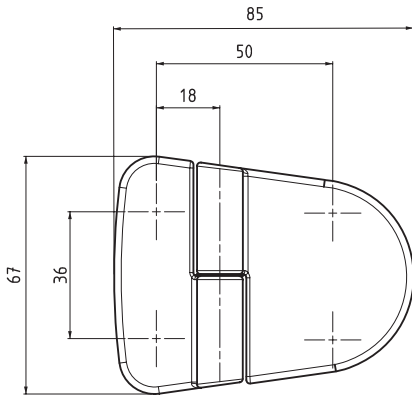
- Material: Zinc Alloy
- Pin: Stainless Steel
- Stainless Steel (AISI 304) hinge pin

Features:

- Lift-Off feature for ease of door and panel removal
- Concealed mounting screws prevent external access
- Designed for plain/flush mounted doors
- Maximum hinge rotation 180°



Item No.	Finish	Hand Operation
1699111001	Chrome Plated	Right
1699111002	Chrome Plated	Left
1699121001	Black Powder Coated	Right
1699122002	Black Powder Coated	Left

**LEAF & FLAG HINGES - FLUSH MOUNT****1499 Series****Leaf & Flag Hinge - Flush Mount****Specifications:**

- Material: Zinc Alloy
- Pin: Stainless Steel
- Stainless Steel (AISI 304) hinge pin

Features:

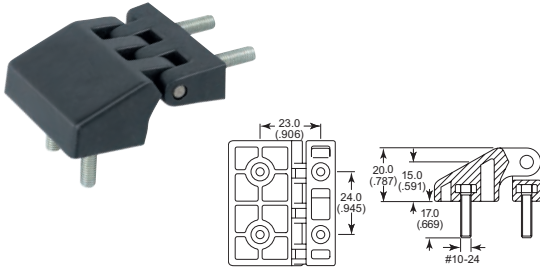
- Lift-Off feature for ease of door and panel removal
- Concealed mounting screws prevent external access
- Designed for plain/flush mounted doors
- Maximum hinge rotation 180°

Item No.	Finish	Hand Operation
149911001	Chrome Plated	Right
149911002	Chrome Plated	Left
149912001	Black Powder Coated	Right
149912002	Black Powder Coated	Left

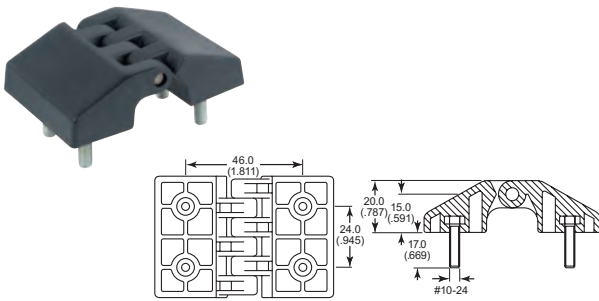


HISF Series
Surface Mount Hinges - Various

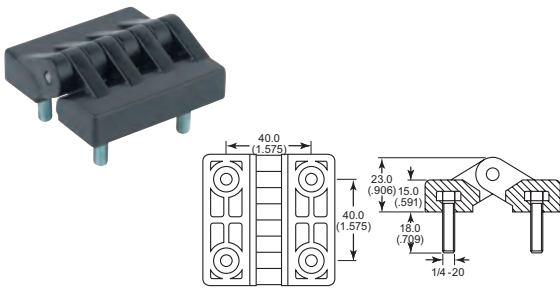
Type 1



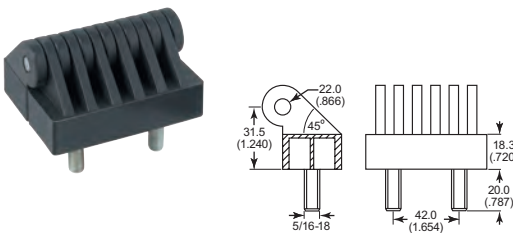
Type 2



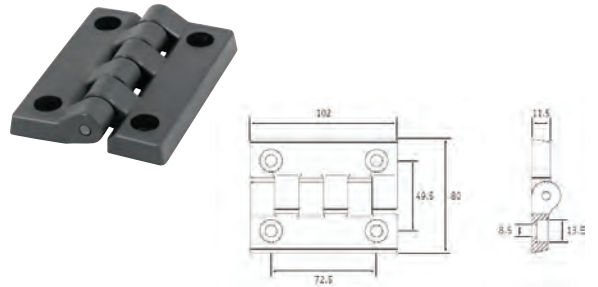
Type 3



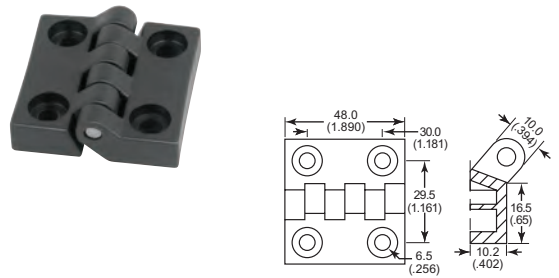
Type 4



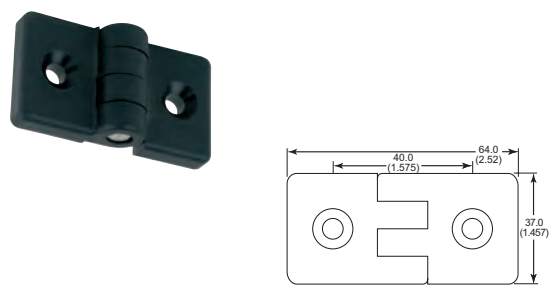
Type 5



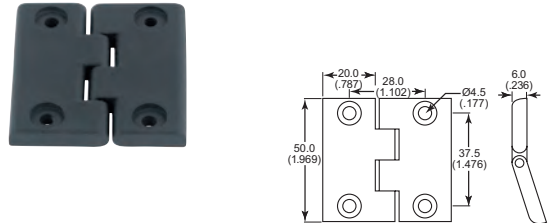
Type 6



Type 7



Type 8



Specifications:

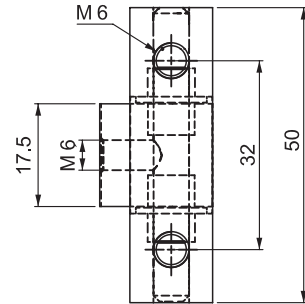
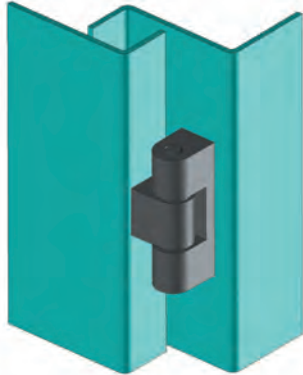
- Material: Nylon Black (PA, Glass-Filled)

Features:

- Offered with threaded studs or thru hole versions

Item No.	Type
HISF010A	1
HISF020A	2
HISF030A	3
HISF040A	4

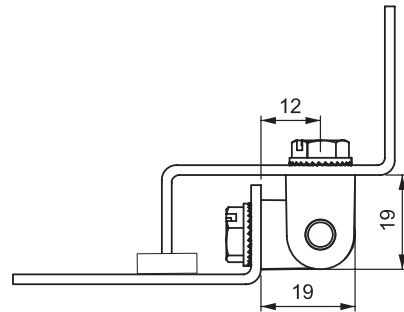
Item No.	Type
HISF210A	5
HISF220A	6
HISF230A	7
HISF240A	8

**SIDE MOUNT HINGES / BEARING HINGES****693 Series
Side Mount Hinge****Specifications:**

- Material: Zinc Alloy
- Finish: See Table
- Pin: Stainless Steel
- Zinc Alloy is DIN-EN 1774 rated

Features:

- Comes fully assembled
- Maximum hinge rotation 180°
- Ideal for electric panels and machinery cover applications

**Item
No.**

69311

69312

Finish

Chrome Plated

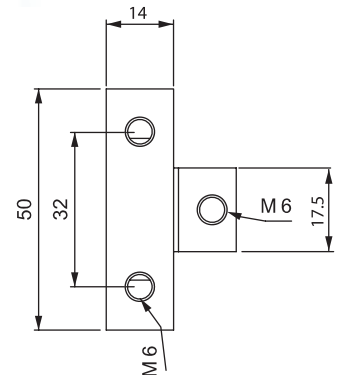
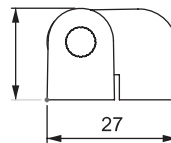
Black Powder Coated

**693 Series
Bearing Hinge****Specifications:**

- Material: Zinc Alloy
- Pin: Stainless Steel
- Bearing: Delrin
- Finish: See Table
- DIN-EN 1774 rated

Features:

- Ideal for electric panels and machinery cover applications
- Maximum hinge rotation 180°

**Item
No.**

693112

693122

Finish

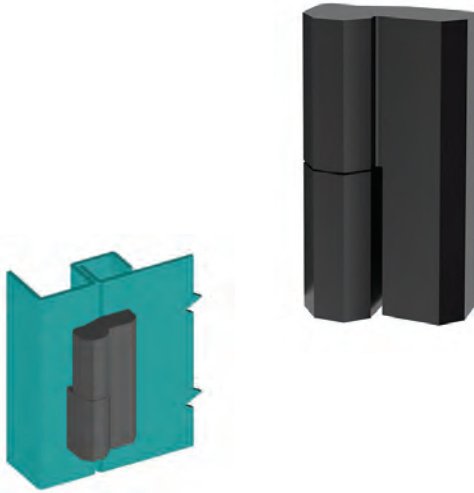
Chrome Plated

Black Powder Coated

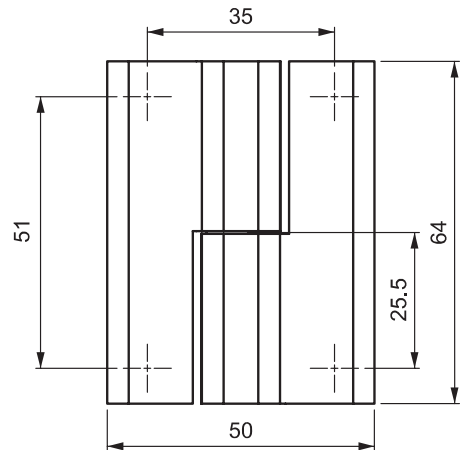
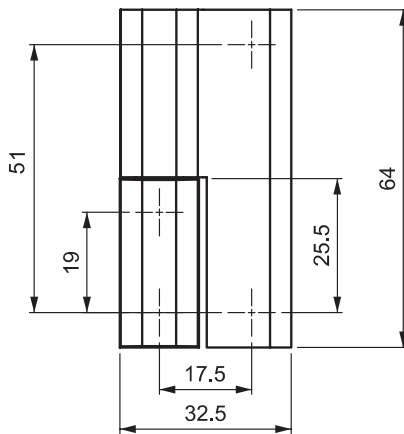
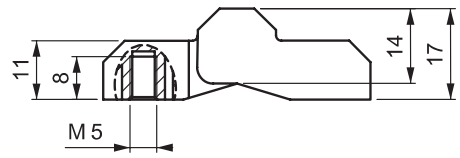
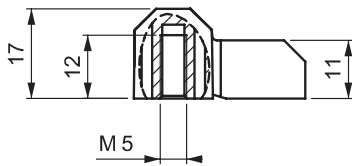
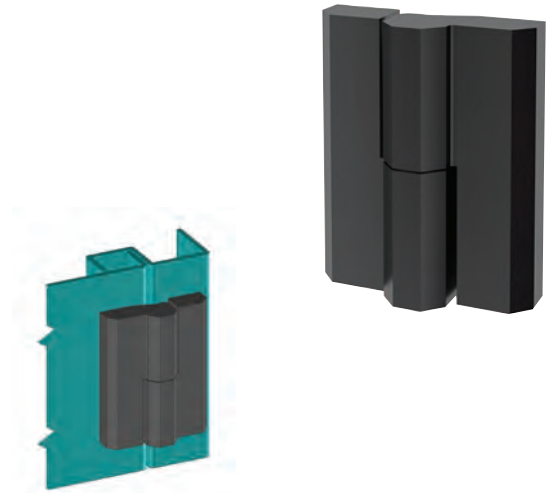
SURFACE MOUNT HINGES - LIFT-OFF


699 Series
Surface Mount Hinge - Lift-Off

Version 1



Version 2



Specifications:

- Material: Zinc Alloy
Pin Material: Stainless Steel
- Finish: See Table

Features:

- Concealed mounting screws prevent external access to hinge
- Hinge rotation 180°
- Ideal for electric panels and machinery cover applications

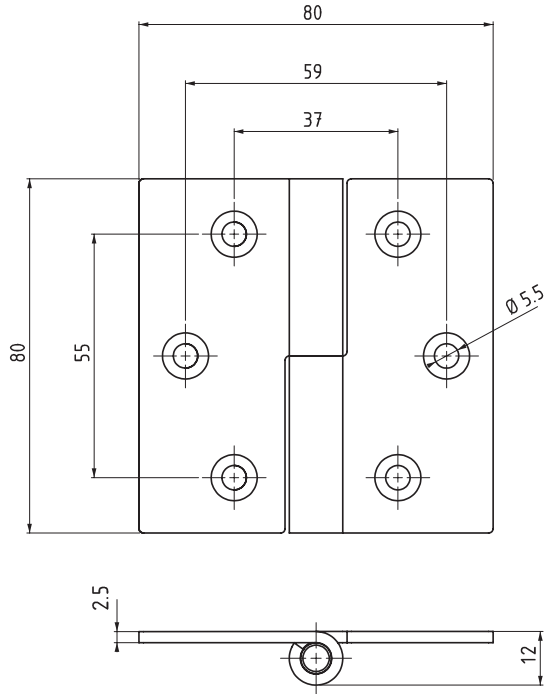
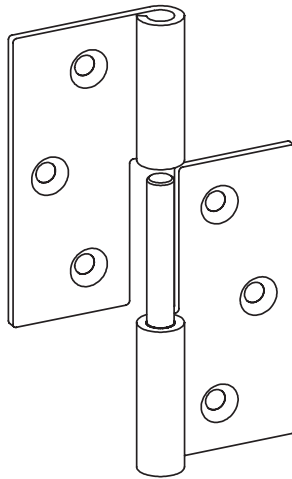
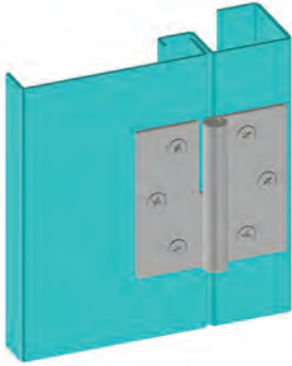
Item No.	Finish	Version	Hand Operation
699111001	Chrome Plated	1	Right
699111002	Chrome Plated	1	Left
699112001	Chrome Plated	2	Right
699112002	Chrome Plated	2	Left
699121001	Black Powder Coated	1	Right
699121002	Black Powder Coated	1	Left
699122001	Black Powder Coated	2	Right
699122002	Black Powder Coated	2	Left



SURFACE MOUNT HINGES - LIFT-OFF

4299 Series

Surface Mount Hinge - Lift-Off



Specifications:

- Material: See Table
- Pin: Stainless Steel
- Finish: See Table

Features:

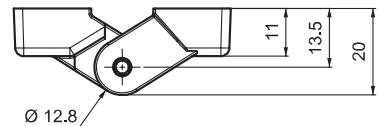
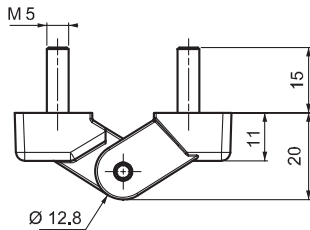
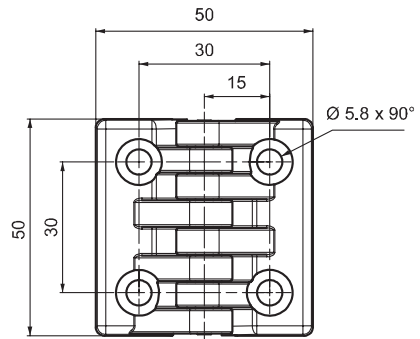
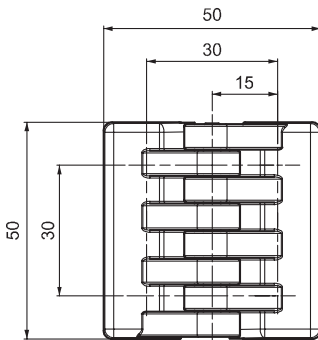
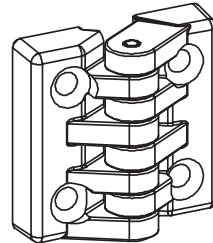
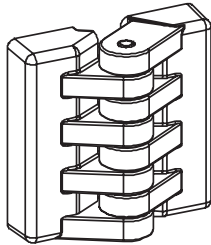
- Designed for plain flush-mounted doors
- Hinge rotation 270°

Item No.	Material	Finish	Hand Operation
429963001	Stainless Steel	Natural	Right
429963002	Stainless Steel	Natural	Left
429940001	Steel	Zinc Plated	Right
429940002	Steel	Zinc Plated	Left



SURFACE MOUNT BUTT HINGES

1199 Series Butt Hinge Surface Mounting



Version 1

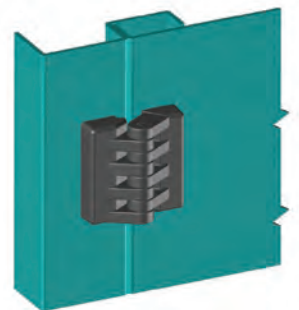
Version 2

Specifications:

- Material: See Table
Body: Nylon (PA6 30% GF)
Pin: Stainless Steel

Features:

- Ideal use for plain/flush mounted doors
- Stud and thru hole options available
- Hinge rotation 180°



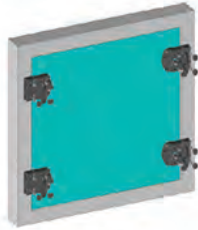
Item No.	Version
1199201	1
1199202	2



SURFACE MOUNT HINGES - LIFT-OFF LATCHES & LOCKS

712 Series

Surface Mount Hinge - Lift-Off Latch/Lock



Assembly:
Functional locking hinge
can be mounted left or right
side of door.



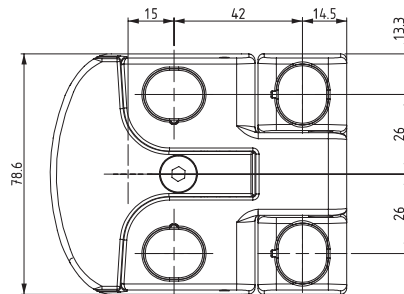
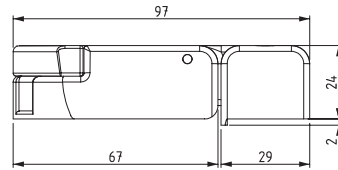
Right Cover Application:
right hinge - left lock



Left Cover Application:
left hinge - right lock



Removing the door:
• lift the handle
• remove the door

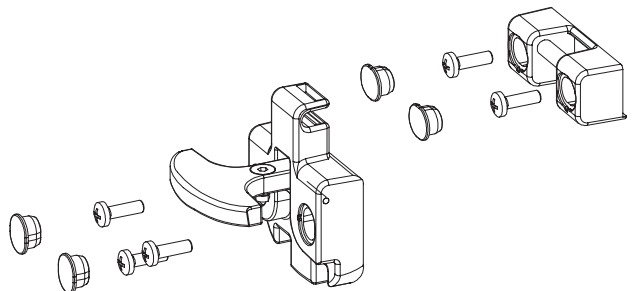


Specifications:

- Material: Nylon Black (PA6 30% GF)
- M8 Thread
- Fastening bolts are not included
- Plastic cover plugs are provided with purchase

Features:

- Universal lock and hinge design
- Hex head driver insert used to secure hinges (4mm hex head)
- Hinge rotation 180°
- Door can be completely removed by unlocking the hinge

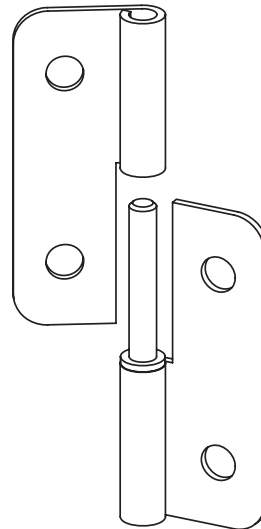
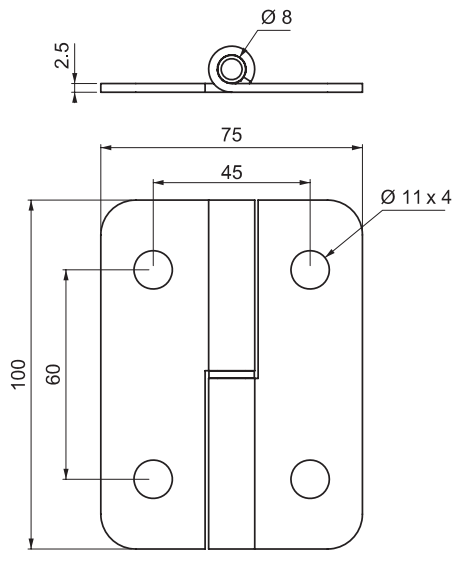


SURFACE MOUNT HINGES - HEAVY DUTY LIFT-OFF



899 Series

Surface Mount Hinge - Heavy Duty Lift-Off



Specifications:

- Material: See Table
- Pin Material: See Table
- Finish: See Table

Features:

- Ideal for electric panels and machinery cover applications
- Hinge rotation 180°

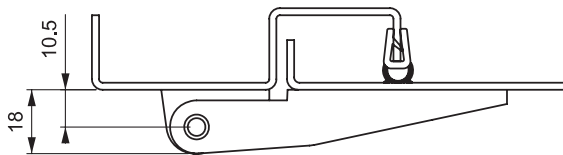
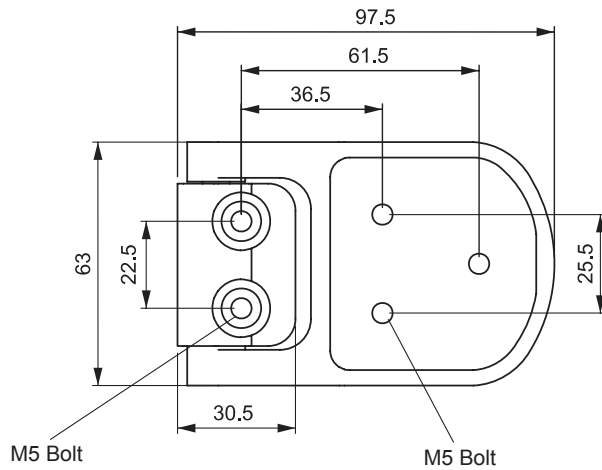
Item No.	Material	Finish	Hand Operation
89940001	Stainless Steel	Natural	Right
89940002	Stainless Steel	Natural	Left
89962001	Steel	Black Powder Coated	Right
89962002	Steel	Black Powder Coated	Left
89963001	Steel	Zinc Plated	Right
89963002	Steel	Zinc Plated	Left



SURFACE MOUNT HINGES - HEAVY DUTY

300 Series

Surface Mount Hinge - Heavy Duty



Specifications:

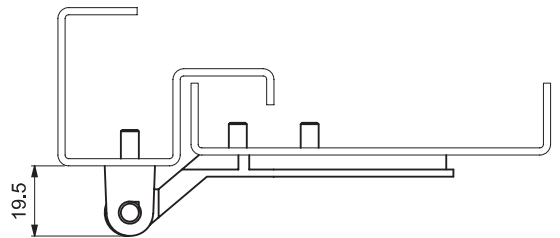
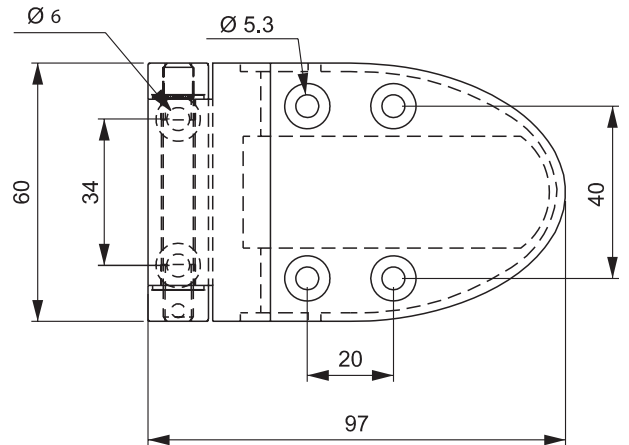
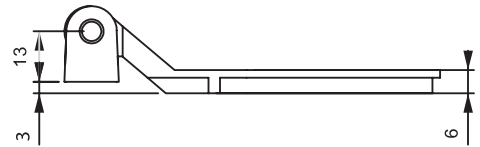
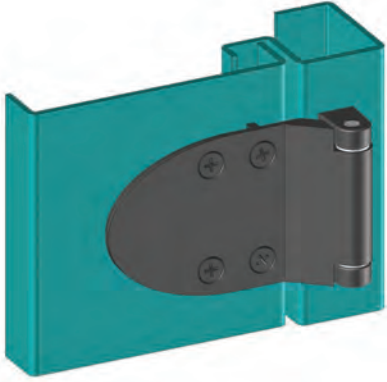
- Material:
Body: Nylon (PA6 30% GF)
Pin: Stainless Steel
- Finish: Zinc Plated
- Color: Black

Features:

- Central air conditioning units, electrical panels and machinery covers
- Hinge rotation 180°

Item No.
300M

SURFACE MOUNT HINGES - HEAVY DUTY

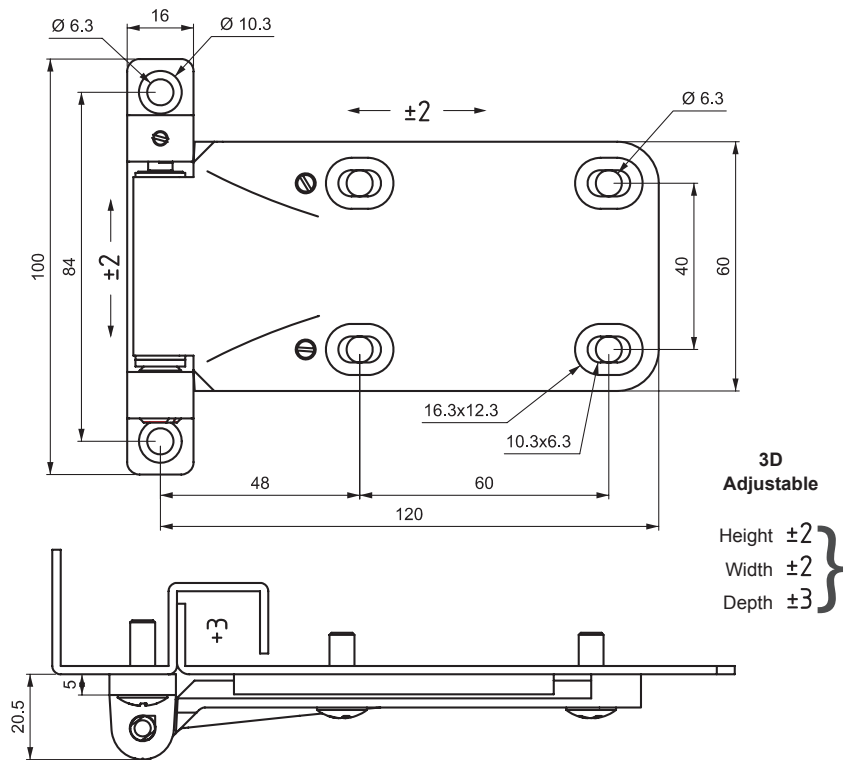
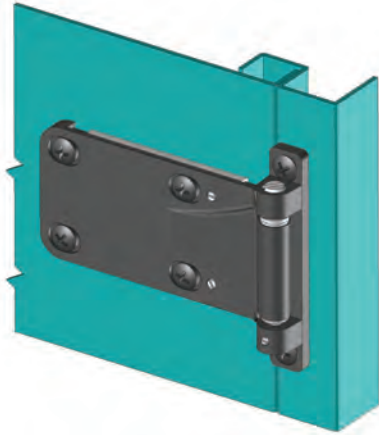

500 Series
Surface Mount Hinge - Heavy Duty
**Specifications:**

- Material:
Body: Zinc Alloy
Pin: Stainless Steel
Bearing: Delrin
Cover: Nylon (PA6 30% GF)
- Finish: Black Powder Coated

Features:

- Used on HVAC units, flush-mounted and heavy duty style doors
- Hinge rotation 180°
- Supplied with Nylon hinge cover and stainless steel pin

Item
No.
50012

**SURFACE MOUNT HINGES - HEAVY DUTY ADJUSTABLE****800 Series****Surface Mount Hinge - Heavy Duty Adjustable****Specifications:**

- Material:
 - Body: Zinc Alloy
 - Pin: Steel
 - Bearing: Delrin
- Finish: Black Powder Coated
- Body is DIN-EN 1774 rated

Features:

- Applications: HVAC, electrical panels, machinery covers
- Suitable for three-dimensional door adjustment
 - Adjustments to height and width +/- 2mm and depth adjustment up to +/- 3mm
- Can be used for flush mount applications

Item
No.

80012001

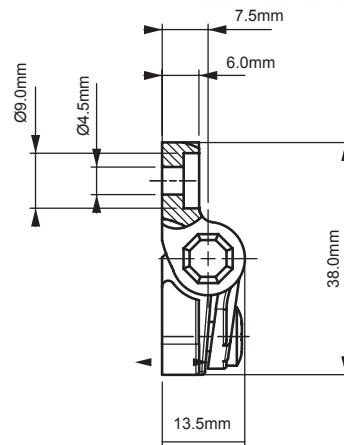
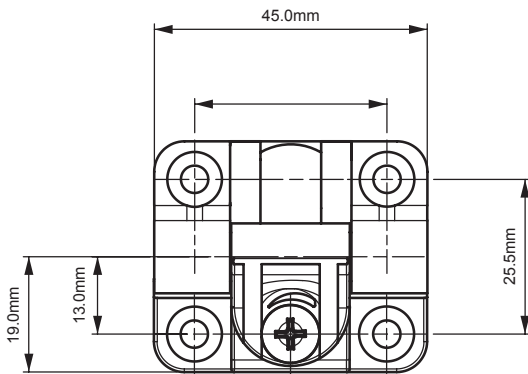
80012002

Hand Operation

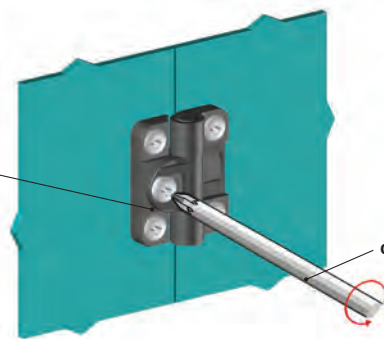
Left

Right

SURFACE MOUNT HINGES - ADJUSTABLE


2399 Series
Surface Mount Hinge - Adjustable


**Torque
Adjustment
Bolt**



**Torque setting
can be adjusted**

Specifications:

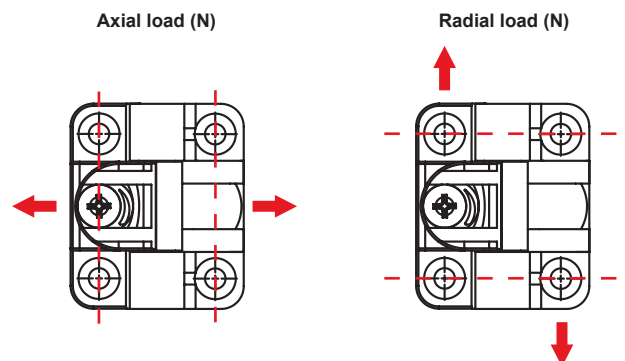
- Material:
Body: Nylon (PA6 30% GF)
Screw and Nuts: Stainless Steel
- Finish: Black Powder Coated
- Nylon is DIN-EN ISO 1043-1 rated

Features:

- Hinge torque can be adjusted with screw
- Hinge rotation 180°
- Provide position control
- Hinge can be secured by using M4 Nuts and Bolts
- Contact Essentra for alternate colors

Performance Details

- Axial Load: (N)
- Working Load: 700
- Breaking Load weight: 1100
- Radial Load: (N)
- Working Load: 1400
- Breaking Load weight: 1800
- Torque Value: 0.8 Nm
- Working Temperature: 23°F to 149°F (-5°C to 65°C)



Item
No.

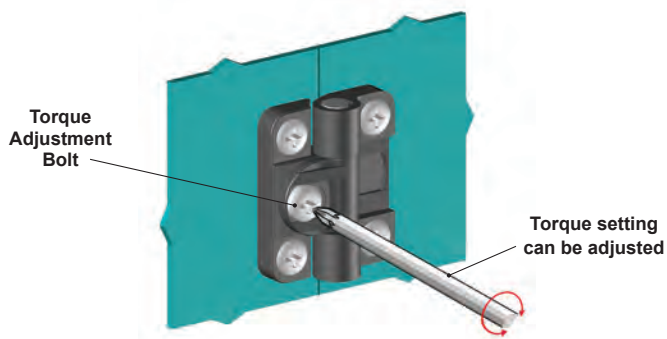
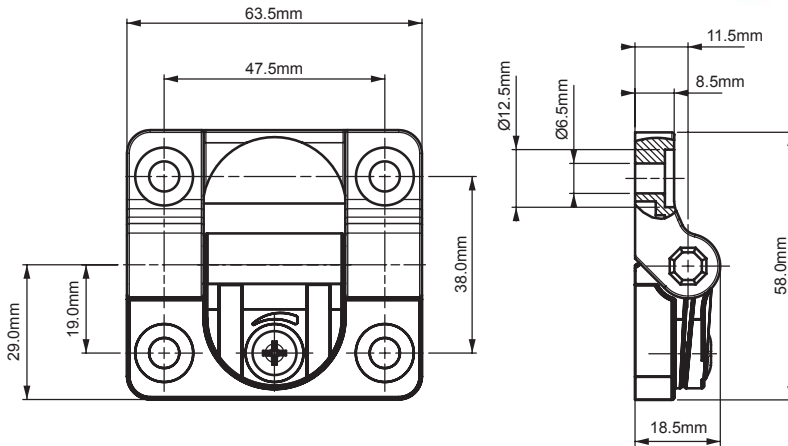
239920



SURFACE MOUNT HINGES - ADJUSTABLE

2499 Series

Surface Mount Hinge - Adjustable



Specifications:

- Material:
 - Body: Nylon (PA6 30% GF)
 - Screw and Nuts: Stainless Steel (AISI 304)
- Finish: Black Powder Coated
- Nylon compliant to DIN-EN ISO 1043-1

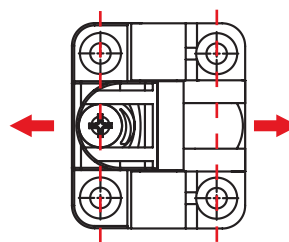
Features:

- Hinge torque can be adjusted with screw
- Hinge rotation 180°
- Provide position control
- Installed using M6 screws
- Hinge is secured by using M6 screws

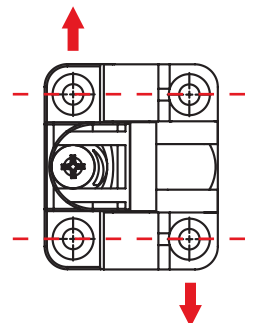
Performance Details

- Axial Load: (N)
- Working Load: 1500
- Breaking Load weight: 2350
- Radial Load: (N)
- Working Load: 2250
- Breaking Load weight: 3200
- Torque Value: 4.0 Nm
- Working Temperature: 23°F to 149°F (-5°C to 65°C)

Axial load (N)



Radial load (N)

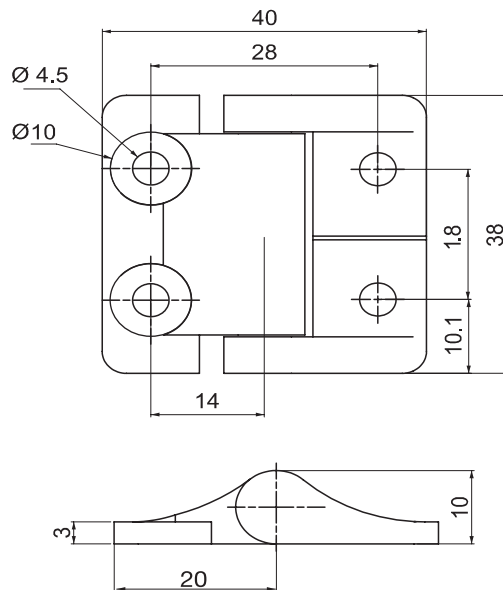


Item No.

249920



**2099 Series
Torque Hinge**



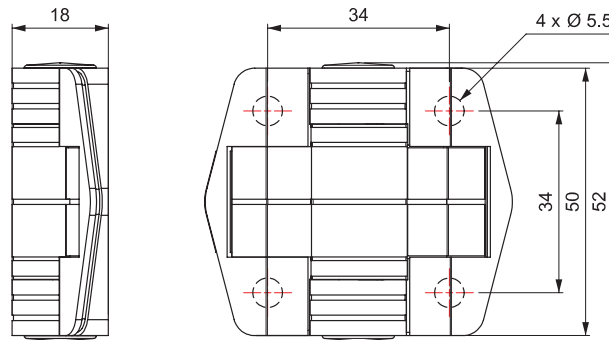
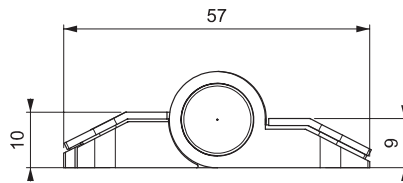
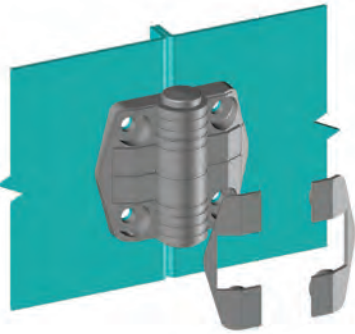
Specifications:

- Material: Zinc Alloy
- Pin: Steel
- Finish: Black Powder Coated

Features:

- 2.3 Nm symmetric torque
- Over 25,000 cycle life within +/- 20% of static torque spec
- Requires M5 or equivalent screws for mounting

Item
No.
209912

**INDEXING (DETENT) HINGES****2599 Series
Indexing (Detent) Hinge****Specifications:**

- Material: Nylon Black (PA6 30% GF)
- Pin: Steel (EKN6222)

Features:

- Contact Essentra for different angle or torque
- Indexing feature allows the hinge to hold its position at the specified angle

Item No.	Force (N - m)	Position
25992010	Non-indexed	
25992021	0.7	
25992022	1.1	
25992023	1.7	
25992031	0.7	
25992032	1.1	
25992033	1.7	
25992041	0.7	
25992042	1.1	
25992043	1.7	



090 Series
Side Hinge (10mm) - Version 1

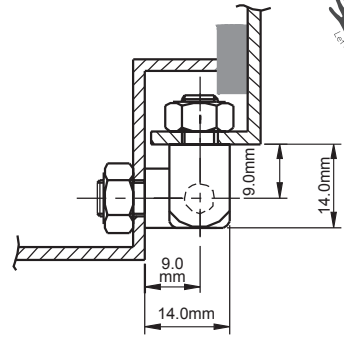
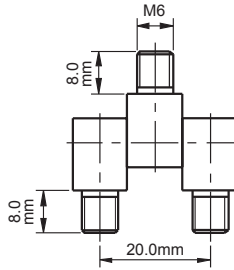


Specifications:

- Material: Brass
- Finish: See Table

Features:

- Brass 10mm parts supplied separated
- For different dimensions contact Essentra



091 Series
Side Hinge (12mm) - Version 2

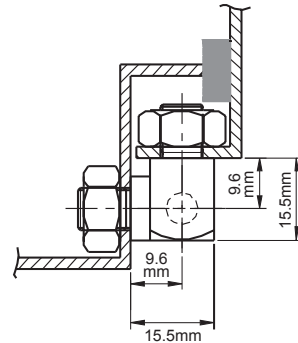
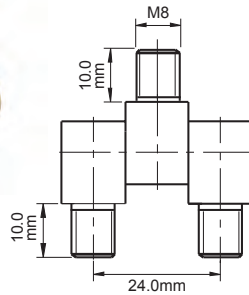


Specifications:

- Material: Brass
- Finish: See Table

Features:

- Three 12mm brass parts supplied separated
- For different dimensions contact Essentra



092 Series
Side Hinge (12mm) - Version 3

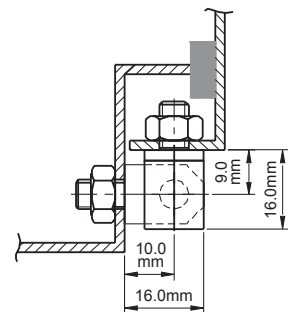
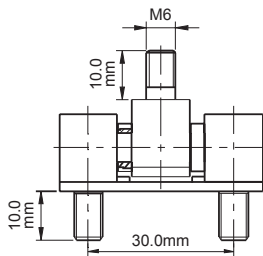


Specifications:

- Material: Brass
- Finish: See Table

Features:

- Three 12mm brass parts supplied separated
- For different dimensions contact Essentra



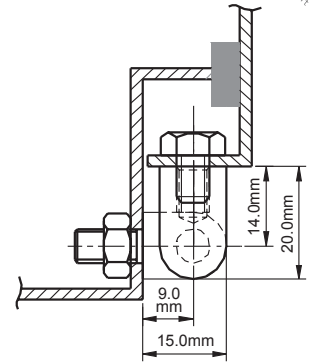
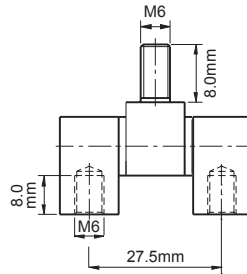
Item Number	Hinge Rotation	Finish	Thread (A)	Version
09030	180°	No Finish	M6	1
09034	180°	Nickel	M6	1
09130	180°	No Finish	M8	2
09134	180°	Nickel Plated	M8	2
092306180	180°	No Finish	M6	3
09230690	90°	No Finish	M6	3
092308180	180°	No Finish	M8	3
09230890	90°	No Finish	M8	3
092316180	180°	Chrome	M6	3
09231690	90°	Chrome	M6	3
092318180	180°	Chrome	M8	3
09231890	90°	Chrome	M8	3

**SIDE MOUNT HINGES****192 Series****Side Hinge (12mm) - Version 1****Specifications:**

- Material: Brass
- Finish: See Table

Features:

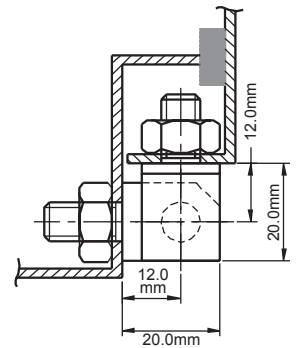
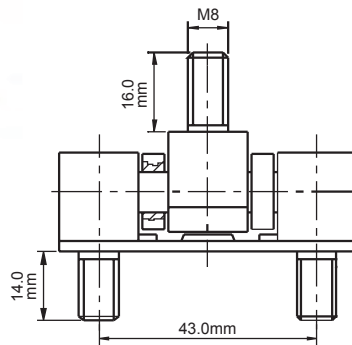
- Side-mounted hinge
- 12mm brass parts supplied separated
- Parts tightly fitted

**093 Series****Side Hinge (16mm) - Version 2****Specifications:**

- Material: Brass
- Finish: See Table

Features:

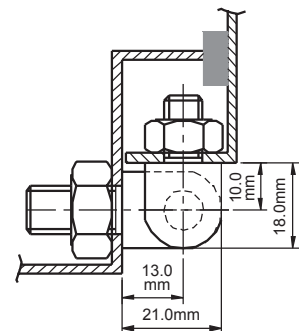
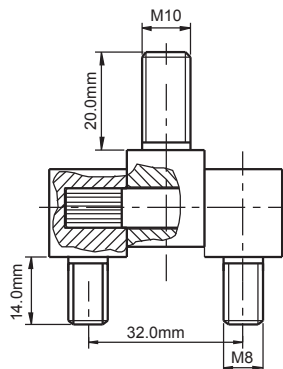
- Side-mounted hinge
- 16mm brass parts supplied separated
- Parts assembled by installation plate

**193 Series****Side Hinge (16mm) Version 3****Specifications:**

- Material: Brass
- Finish: See Table

Features:

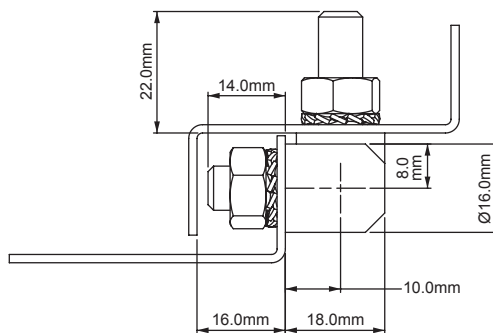
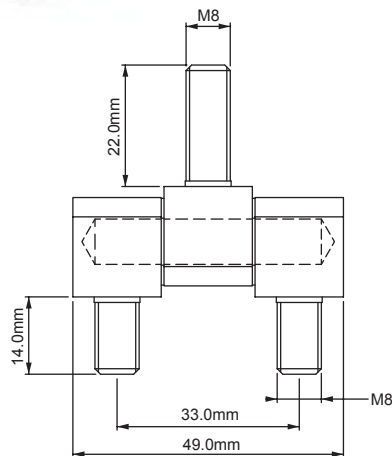
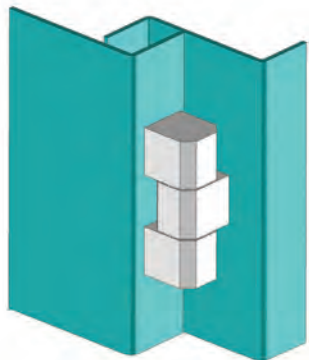
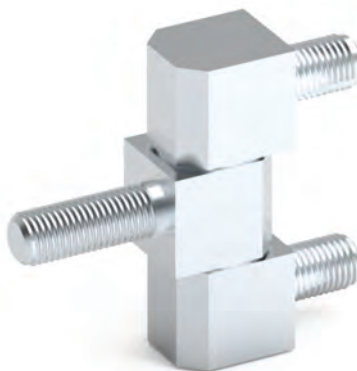
- Side-mounted hinge
- 16mm brass parts supplied separated
- Parts tightly fitted



Item No.	Hinge Rotation	Finish	Thread	Version
19231	180°	Chrome	M6	1
09330	100°	No Finish	M8	2
09331	100°	Chrome	M8	2
19331	180°	Chrome	M8 / M10	3



**793 Series
Side Hinge**



Specifications:

- Material: Steel
- Finish: Zinc Plated
- Nuts and washers are not supplied

Features:

- For medium voltage and heavy door panels
- Maximum hinge rotation 180°
- Ideal for electric panels and machinery cover applications

Item
No.

79363



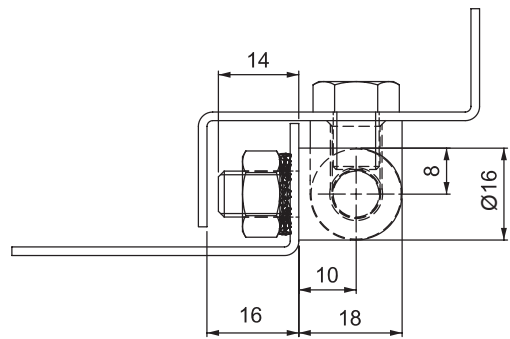
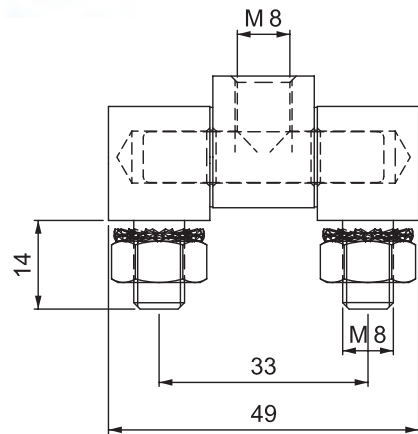
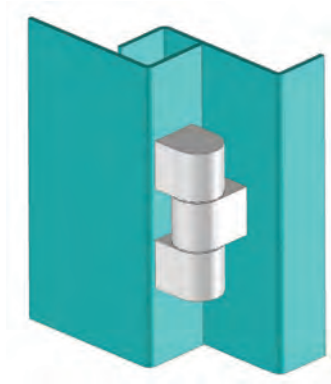
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SIDE MOUNT HINGES

893 Series
Side Hinge



Specifications:

- Material: C45 Steel
- Finish: Zinc Plated
- Nuts and washers are not supplied

Features:

- For medium voltage and heavy door panels
- Maximum hinge rotation 180°
- Assembly screws supplied
- Ideal for electric panels and machinery cover applications

Item
No.

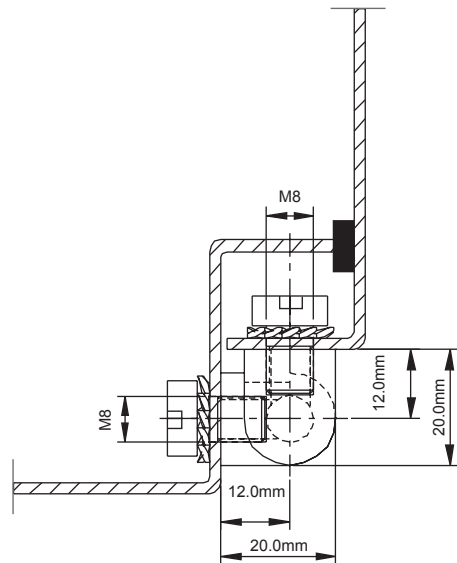
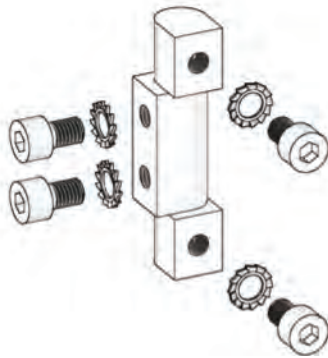
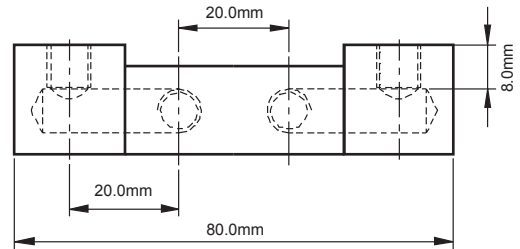
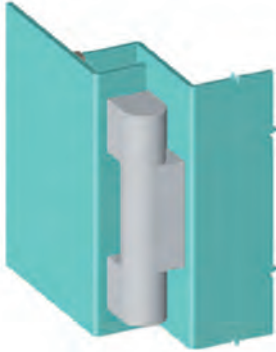
89363M

GASKETING & SEALS



See pages 630 - 633 or visit www.essentracomponents.com

SIDE MOUNT HINGES - LIFT-OFF


393 Series
Side Hinge - Lift-Off


Specifications:

- Material: Brass
- Finish: Chrome
- Brass is DIN 17672 rated

Features:

- For medium voltage and heavy door panels
- Maximum hinge rotation 180°
- Assembled using special screws (supplied)
- Ideal for electric panels and machinery cover applications

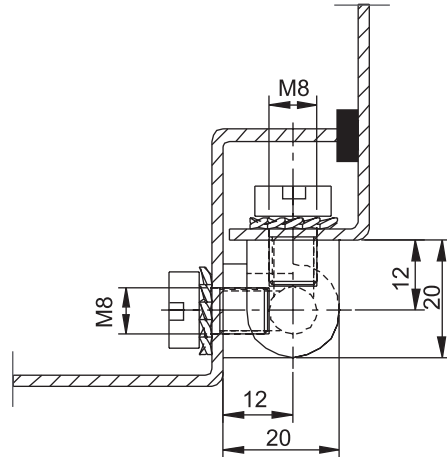
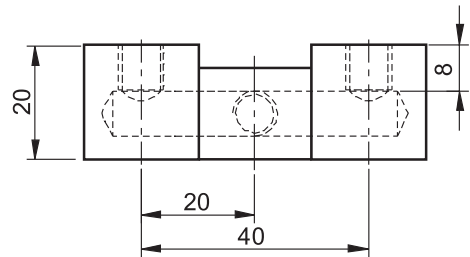
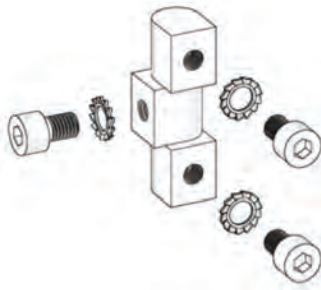
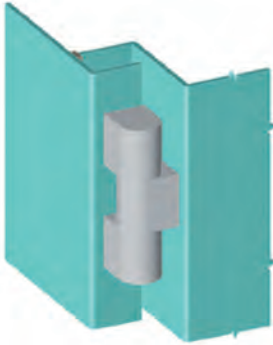
Item
No.
39331

Thread
M8



SIDE MOUNT HINGES

293 Series Side Hinge



Specifications:

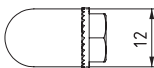
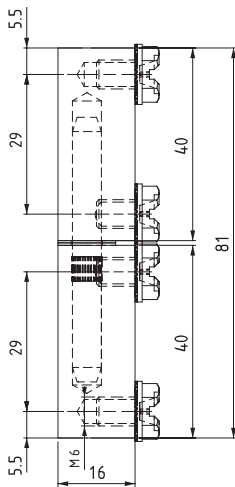
- Material: Brass
- Finish: Chrome Plated
- Compliant to DIN 17672

Features:

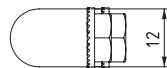
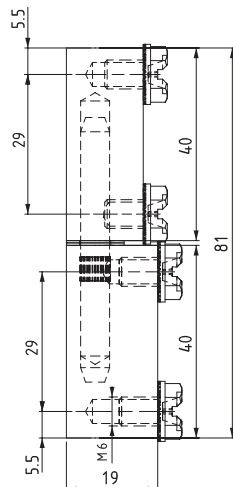
- For medium voltage and heavy door panels
- Hinge parts produced from hardened steel
- Ideal for electric panels and machinery cover applications
- Suitable for left and right hand applications
- Bolts and washers are included

Item No.	Hinge Rotation	Material	Finish	Thread
29331	180°	Brass	Chrome	M8

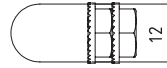
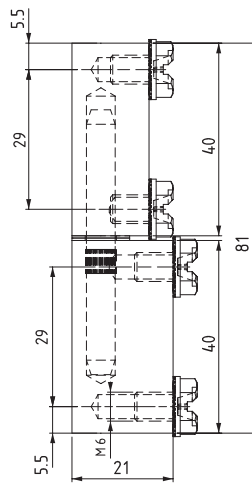
SIDE MOUNT HINGES - LIFT-OFF


993 Series
Lift-Off Side Hinge


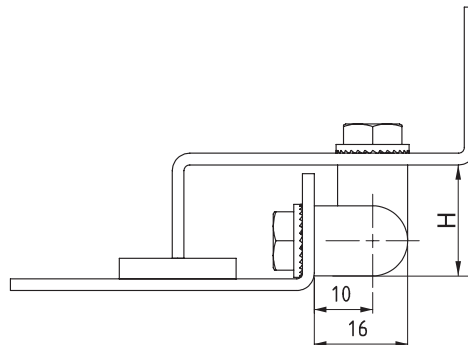
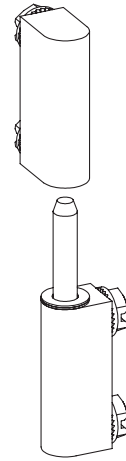
Version 1



Version 2



Version 3



Specifications:

- Material:
Body: Brass
- Finish: Chrome

Features:

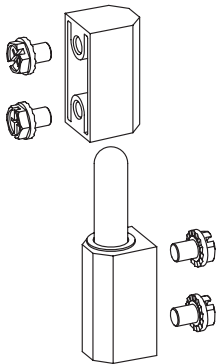
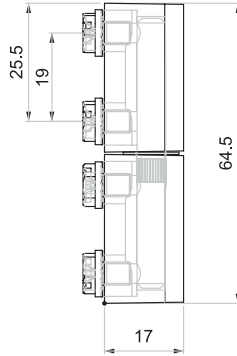
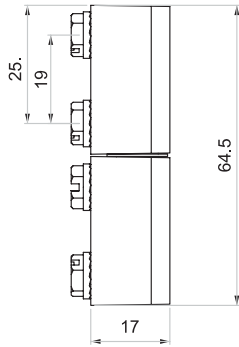
- Fastening bolts are supplied
- Maximum hinge rotation 180°

Item No.	Height (H)	Version
9933116	16	1
9933119	19	2
9933121	21	3

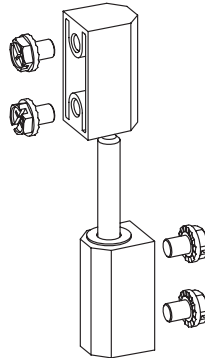


SIDE MOUNT HINGES - LIFT-OFF

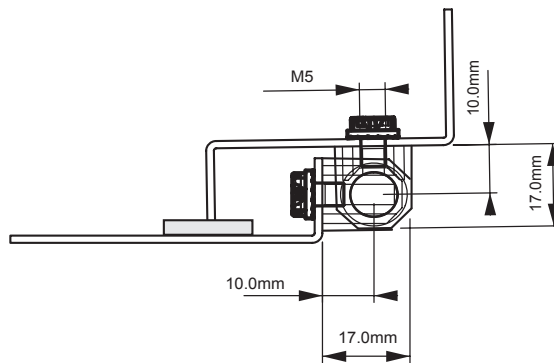
493 Series Side Hinge - Lift-Off



Version 1



Version 2

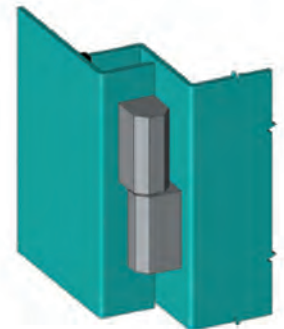


Specifications:

- Material:
Body: Zinc Alloy
Pin: See Table
Finish: See Table

Features:

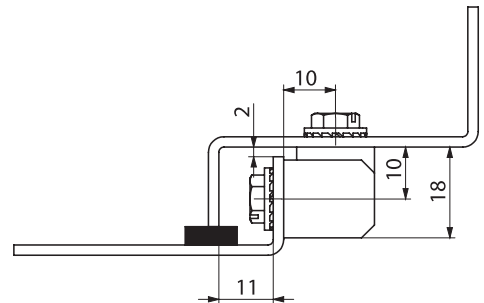
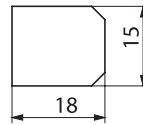
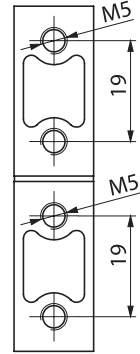
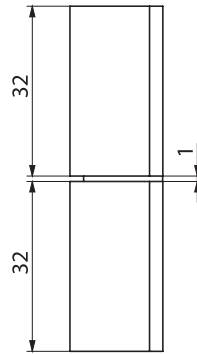
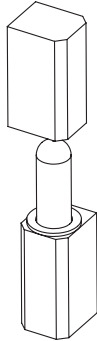
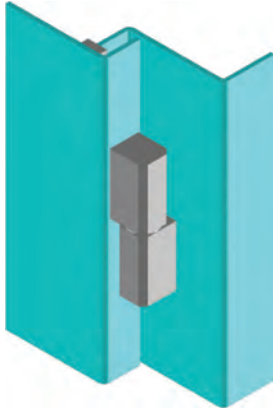
- Lift-off Hinge
- Version 2 is recommended for heavy doors due to Stainless Steel Pin
- Ideal for electric panels and machinery cover applications
- Maximum hinge rotation 180°
- Bolts are included with hinge



Item No.	Version	Pin Material	Material / Finish
493111M	1	Zinc Alloy	Chrome Plated
• 493112M	2	Stainless Steel	Black Powder Coated
493121M	1	Zinc Alloy	Black Powder Coated
• 493122M	2	Stainless Steel	Black Powder Coated



1293 Series
Side Hinge - Lift-Off



Specifications:

- Material: Steel
- Body: Stainless Steel (AISI 304)
- Pin: Stainless Steel (AISI 303)
- Bolts are provided

Features:

- Lift off feature

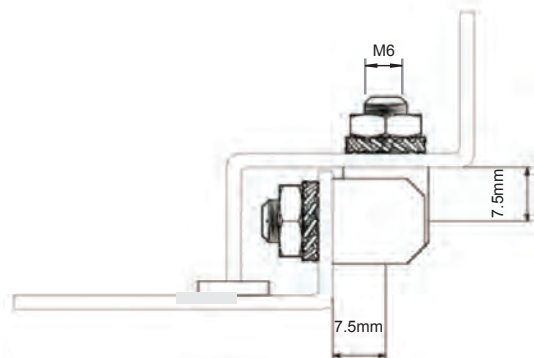
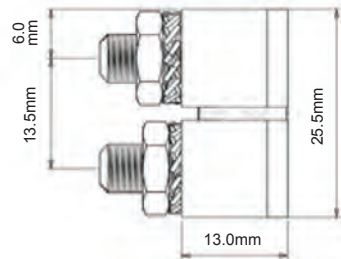
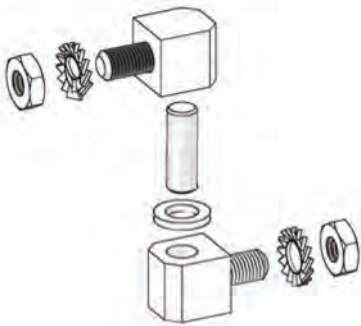
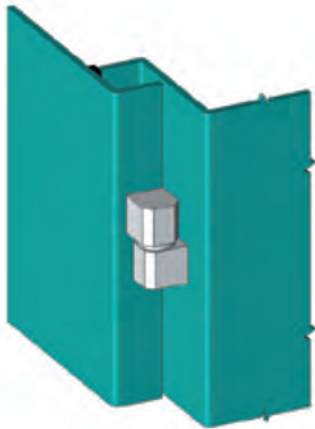
Item
No.
129340

Hinge Rotation
180°



SIDE MOUNT HINGES - LIFT-OFF

191 Series
Side Hinge - Lift-Off



Specifications:

- Material: Steel
- Finish: Zinc Plated

Features:

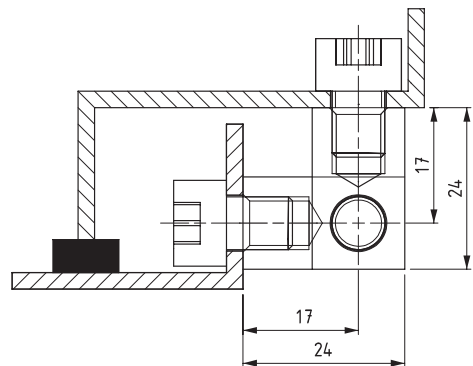
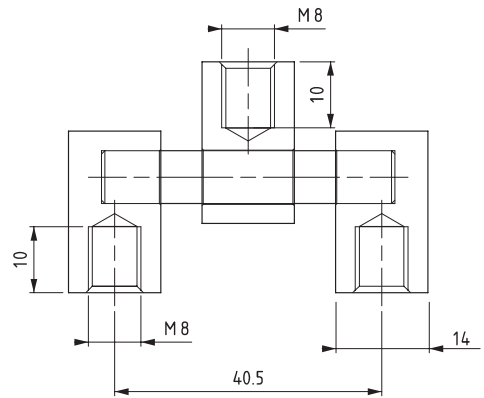
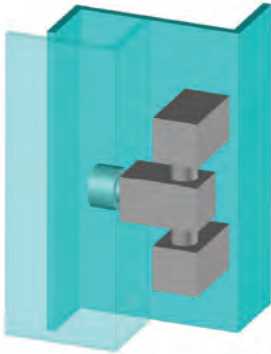
- 12mm blocks
- Ideal for electric panels and machinery cover applications
- Maximum hinge rotation 180°
- Nuts and washers are included

Item No.

19163M



**1093 Series
 Side Hinge**



Specifications:

- Material: Steel
 Body: Brass
 Pin: Steel
- Finish: Chrome plated

Features:

- Side mounted hinge
- Pin length can be modified

Item No.	Hinge Rotation
109331	180°

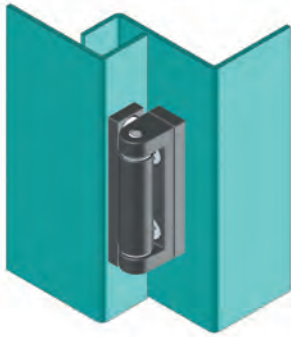


SIDE MOUNT HINGES

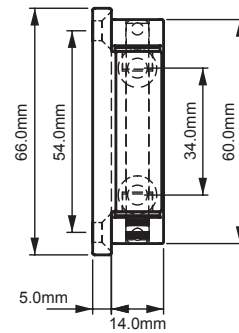
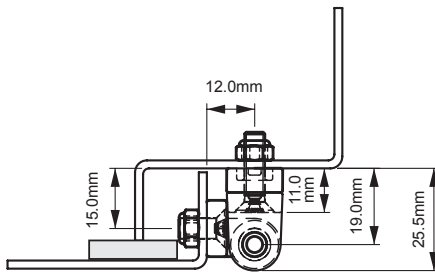
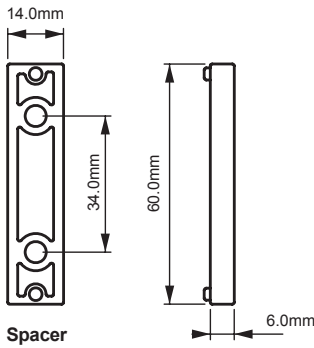
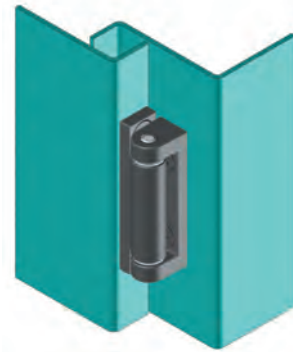
593 Series Side Hinge



Version 1 - with Spacer



Version 2 - without Spacer



Specifications:

Material: Zinc Alloy

Pin: Stainless Steel

Finish: See Table

• DIN-EN 1774 rated

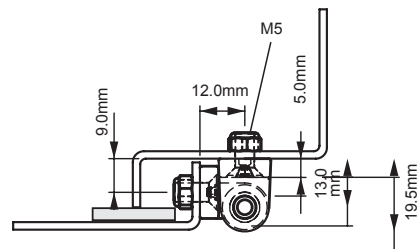
• Bolts are not supplied

Features:

• Ideal for electric panels and machinery cover applications

• Maximum hinge rotation 180°

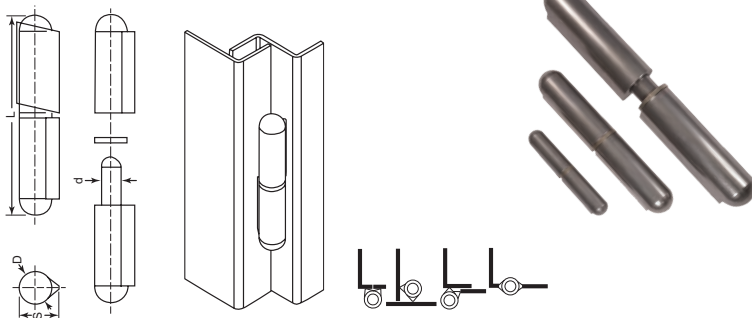
• Spacer bar available for different dimensions



Item No.	Finish	Version
5931125	Chrome Plated	1
5931225	Black Powder Coated	1
5931119	Chrome Plated	2
5931219	Black Powder Coated	2



**HIW Series
Weld-On Bullet Hinges**



Specifications:

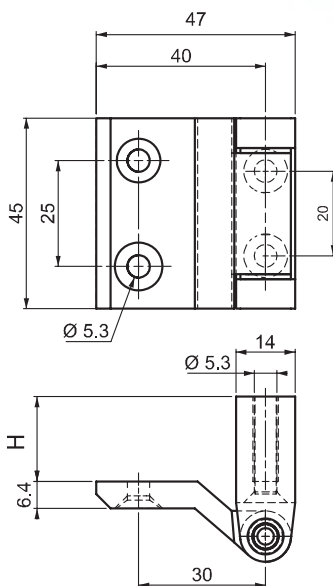
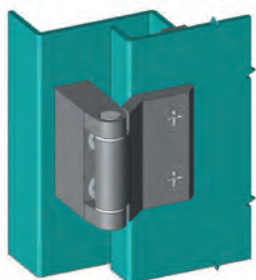
- Material: See Table

Features:

- Flat surfaces for easy welding
- Can be mounted in several configurations

Item No.				L		D		d		S	
Steel	Steel with Brass Pin	Aluminum	Stainless Steel	in	mm	in	mm	in	mm	in	mm
HIW488A	HIW497A	—	—	1.575	40.0	0.315	8.0	0.197	5.0	0.394	10.0
HIW489A	HIW498A	—	—	1.969	50.0	0.315	8.0	0.197	5.0	0.394	10.0
HIW490A	HIW499A	HIWAL506A	HIWSS510A	2.362	60.0	0.394	10.0	0.236	6.0	0.492	12.5
HIW491A	HIW500A	—	—	2.756	70.0	0.453	11.5	0.236	6.0	0.520	13.2
HIW492A	HIW501A	HIWAL507A	HIWSS511A	3.150	80.0	0.512	13.0	0.315	8.0	0.630	16.0
HIW493A	HIW502A	HIWAL508A	HIWSS512A	3.937	100.0	0.630	16.0	0.394	10.0	0.787	20.0
HIW494A	HIW503A	HIWAL509A	HIWSS513A	4.724	120.0	0.630	16.0	0.394	10.0	0.787	20.0
HIW495A	HIW504A	—	—	5.906	150.0	0.787	20.0	0.512	13.0	0.984	25.0
HIW496A	HIW505A	—	—	7.087	180.0	0.787	20.0	0.512	13.0	0.984	25.0

**100 Series
Corner Hinge**



Specifications:

- Material: Zinc Alloy
- Pin Material: Stainless Steel
- Bearing: Delrin
- Finish: Black Powder Coated
- Hinge Pin: Stainless Steel
- Bolts are not provided

Features:

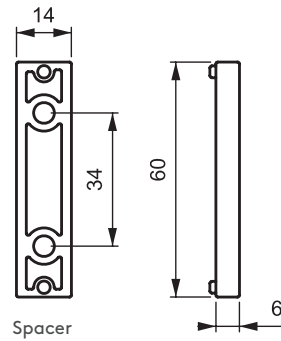
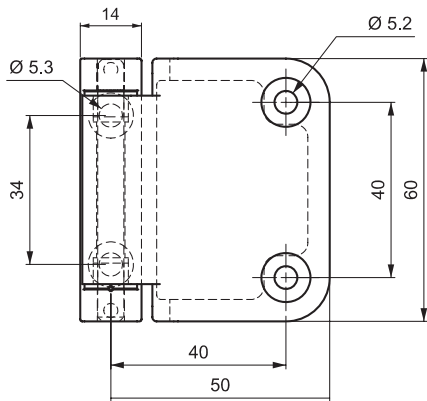
- Generally used for plain/flush-mounted doors
- Stud versions fitted with M6x12mm threaded stud
- Maximum hinge rotation 180°
- Please contact Essentra for alternate heights

Item No.	H Height (mm)
1001200	0
100125	5
100127	7
1001210	10
1001225	25



CORNER MOUNT HINGES - HVAC

600 Series
HVAC Hinge Offset Surface Mount

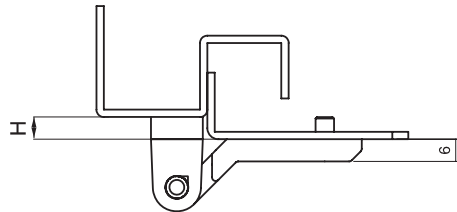


Specifications:

- Material:
Body: Refer to chart
Pin: Stainless Steel, Steel
Bearing: Delrin
- Finish: Refer to chart

Features:

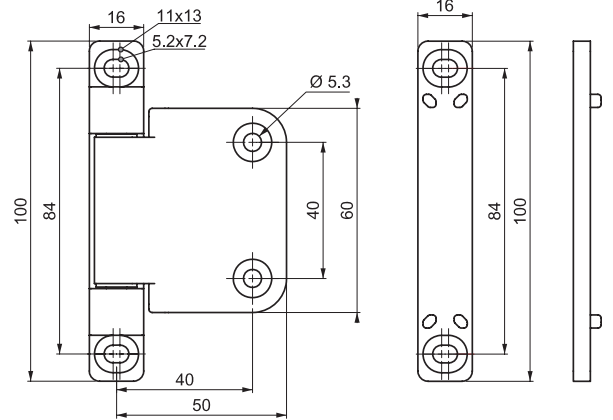
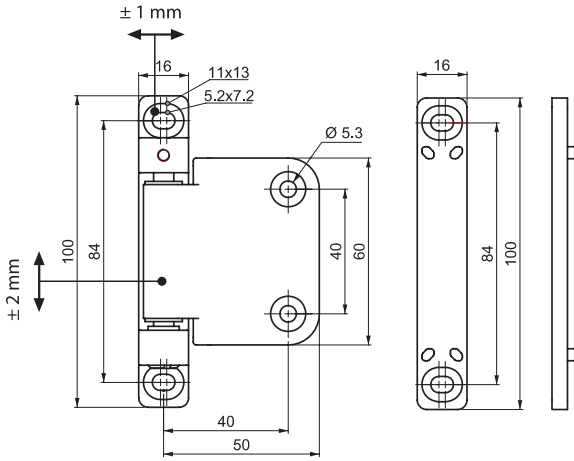
- Central air conditioning units, electrical panels and machinery covers
- Suitable for left and right hand applications
- Designed for plain flush mounted /doors



Item No.	Material	Hinge Rotation	Finish
60012003	Zinc Alloy	180°	Black
60040003	Stainless Steel	180°	Natural



600 Series
HVAC Hinge - Corner Mount

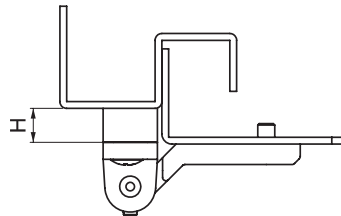


Specifications:

- Material:
Body: Zinc Alloy
Pin: Steel
Bearing: Delrin
- Finish: Black Powder Coated

Features:

- Central air conditioning units, electrical panels and machinery covers
- Suitable for left and right hand applications
- Designed for plain flush mounted /doors

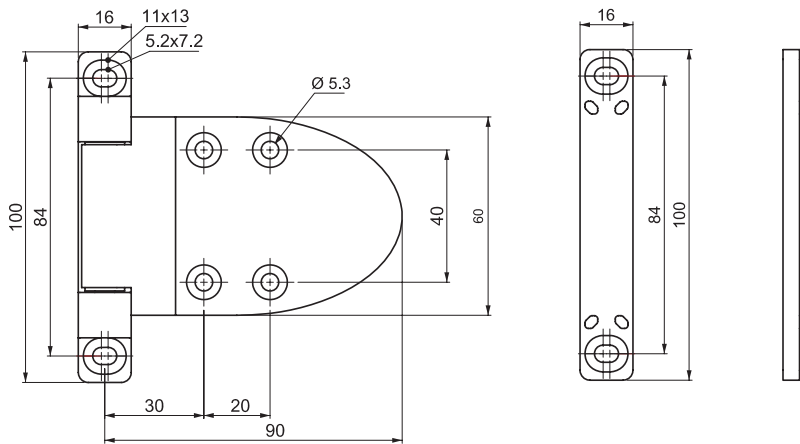
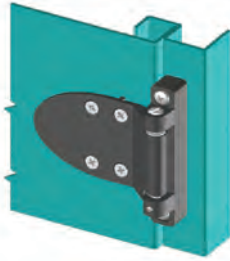


Item No.	Material	Hinge Rotation	Finish
60012001001	180°	Black	Right Hand
60012001002	180°	Natural	Left Hand



CORNER MOUNT HINGES - HVAC

700 Series
HVAC Hinge - Flush Mount Offset

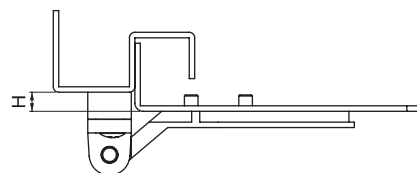


Specifications:

- Material:
Body: Zinc Alloy
Pin: Steel
Bearing: Delrin
- Finish: Black Powder Coated
- Hinge Rotation 180°

Features:

- Designed for plain, flush mounted doors (no offset)
- Hinge comes fully assembled to reduce assembly time
- For offset options please consult factory for details



Item No. **70012002**

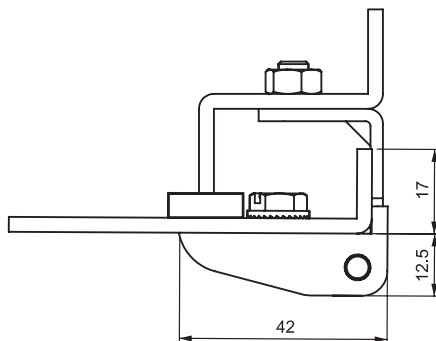
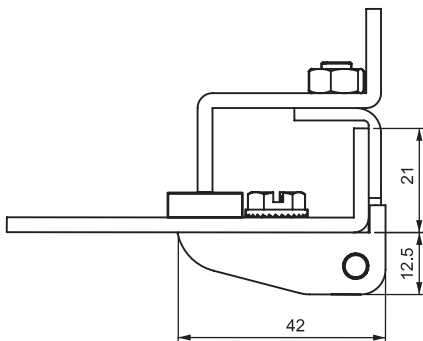
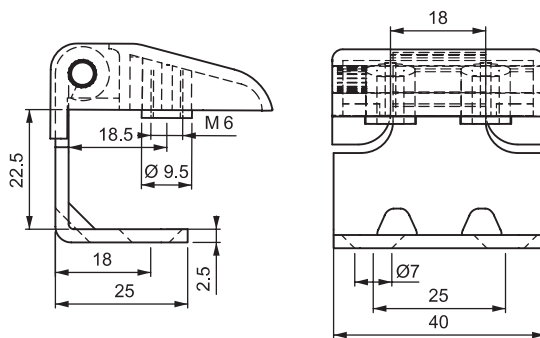
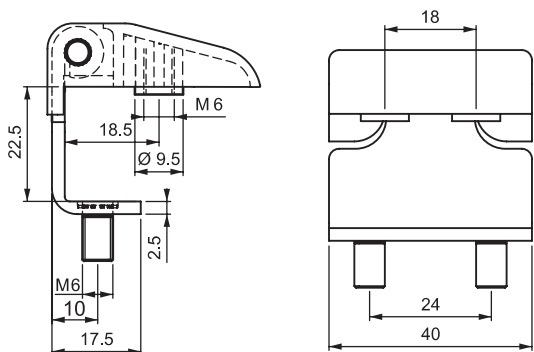
CORNER MOUNT HINGES



200 Series
Corner Hinge

Version 1 - Stud and Through Hole

Version 2 - Through Hole

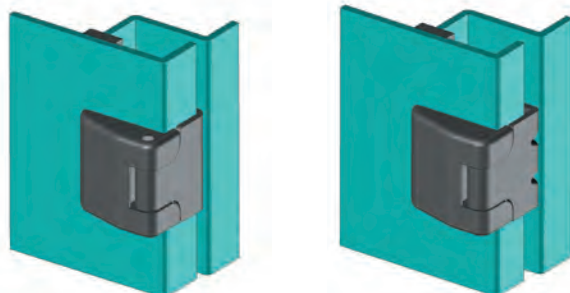


Specifications:

- Material:
Frame Part: Zinc Alloy
Frame Part: Steel
Pin: Steel
- Finish: Black Powder Coated

Features:

- For door corners with 21mm bend
- M6 bolt supplied with stud version
- Fastened with M6 screws
- Hinge rotation 180°

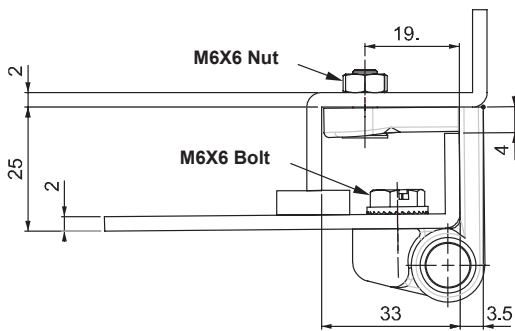
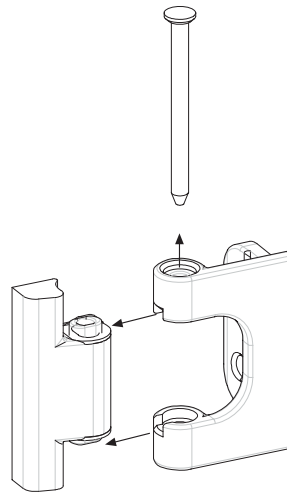
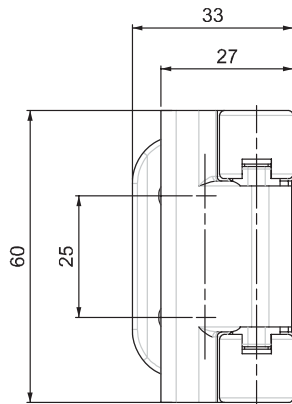


Item No.	Version	Through Hole / Stud
20012171	1	Stud
20012170	1	Through Hole
20012250	2	Through Hole



CORNER MOUNT HINGES

498 Series
Corner Hinge



Specifications:

- Material:
Body: Zinc Alloy, Nylon Black (PA6 30% GF)
Pin: Plastic
- Finish: Plack Powder Coated

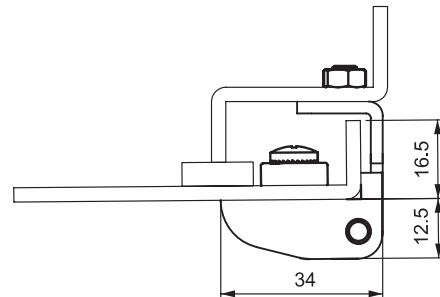
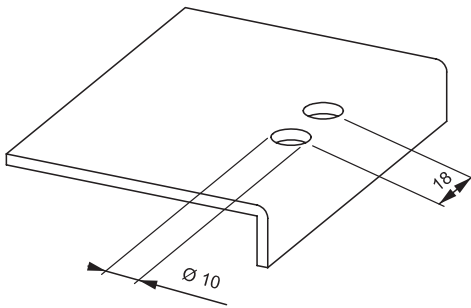
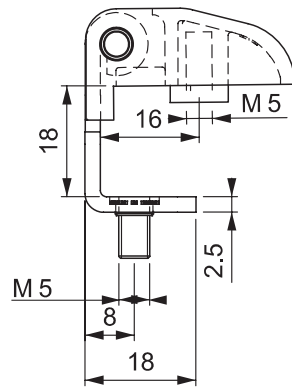
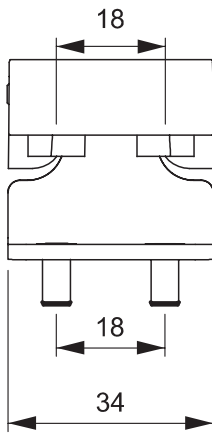
Features:

- For door corners with 25 mm bend
- Hinge rotations 180°
- Removable pin for easy door removal
- Bolts are not supplied with hinge





400 Series
Corner Hinge



Specifications:

- Material:
Body: See Table
Installation Bracket: Steel Pin: Steel
- Finish: See Table

Features:

- For door corners with 16.5mm bend
- M5 bolts supplied for stud version
- Nylon mounting bracket supplied for installation
- Hinge rotation 180°

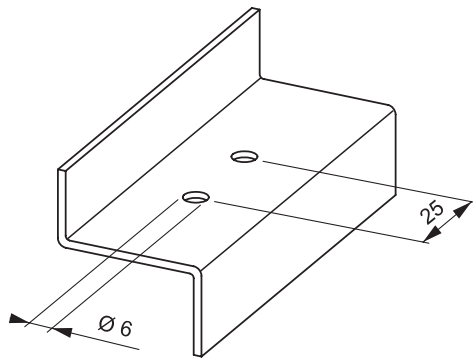
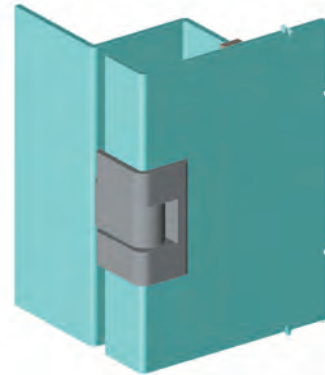
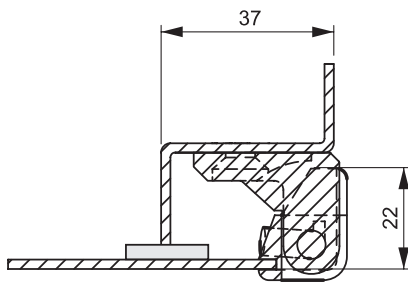
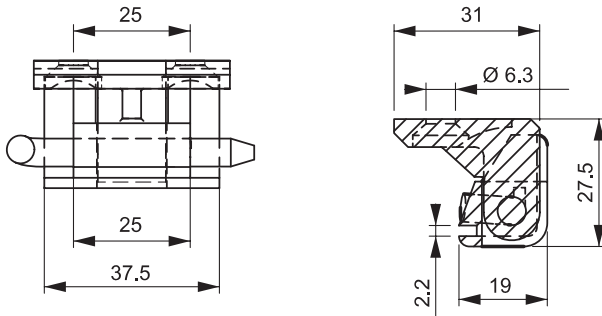


Item No.	Through Hole / Stud	Body Material	Finish / Color
40012181	Stud	Zinc Alloy	Black Powder Coated
40020181	Through Hole	Nylon	Black

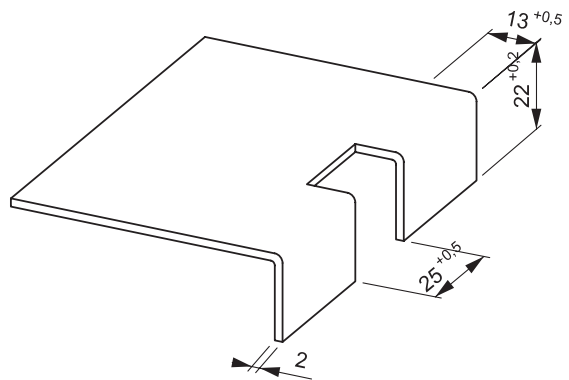


CORNER MOUNT HINGES

098 Series Corner Hinge



Cut-Out



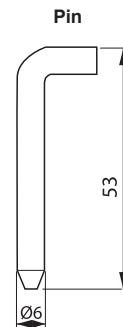
Cut-Out

Specifications:

- Material:
Body: Zinc Alloy
Pin: Steel
- Finish: See Table
- Bolts are not supplied with hinge

Features:

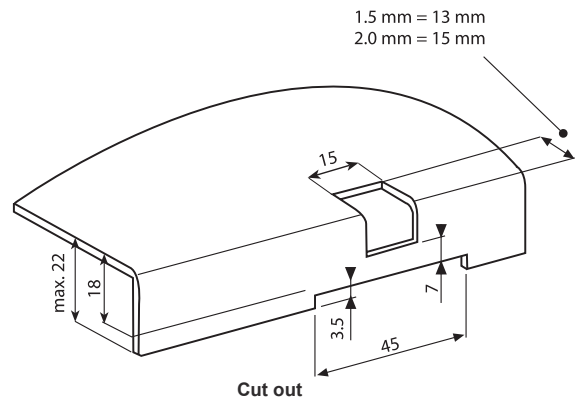
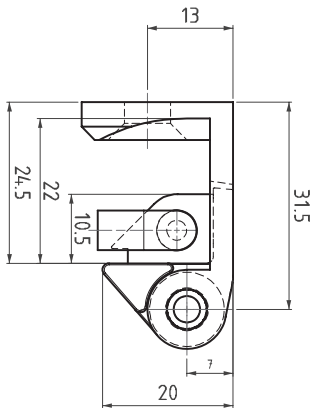
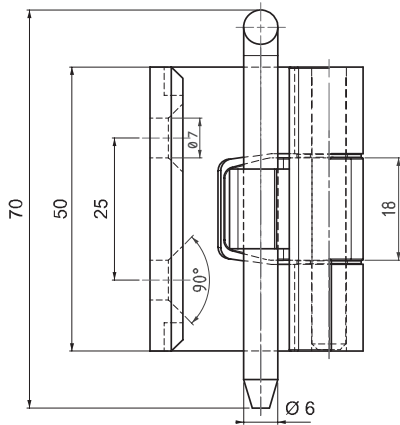
- Suitable for steel panels with a thickness between 1.5 - 2.0mm
- Hinge rotation 180°



Item No.	Finish
098112	Chrome Plated
098122	Black Powder Coated



398 Series
Corner Hinge



Specifications:

- Material:
Body: Zinc Alloy
Pin: Steel
- Finish: Chrome Plated, Black Powder Coated
- Bolts are not supplied with hinge

Features:

- Suitable for 25 mm bend in door
- Single hinge pin
- Suitable for left and right hand applications

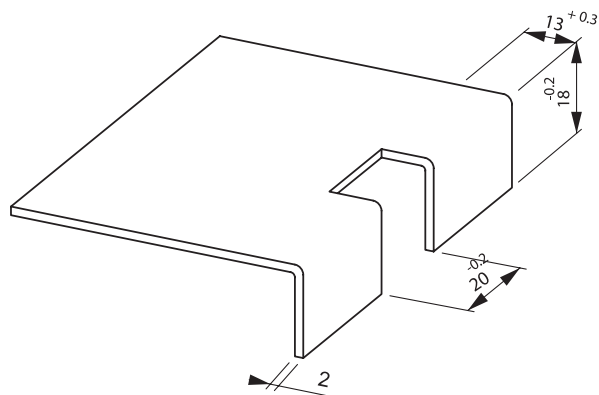
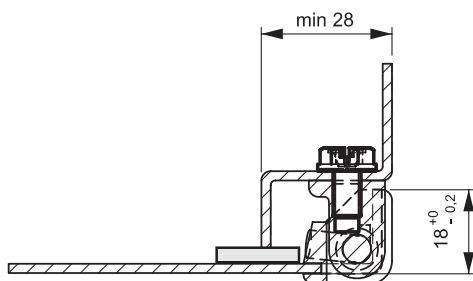
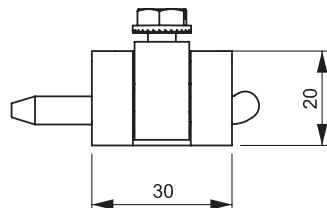
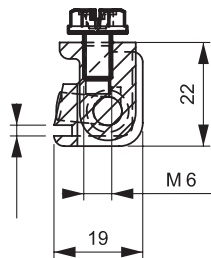


Item No.	Hinge Rotation	Finish	Color
398122	180°	Black Powder Coated	Black



CORNER MOUNT HINGES

097 Series Corner Hinge



Cut-Out

Pin



Specifications:

- Material:
Base: See Table
Pin: Steel
Finish: See Table

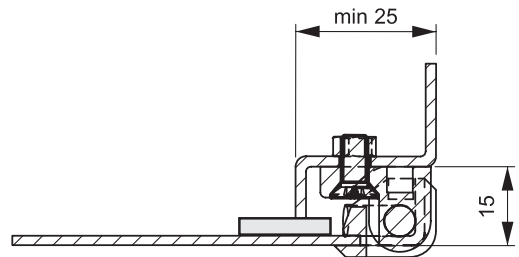
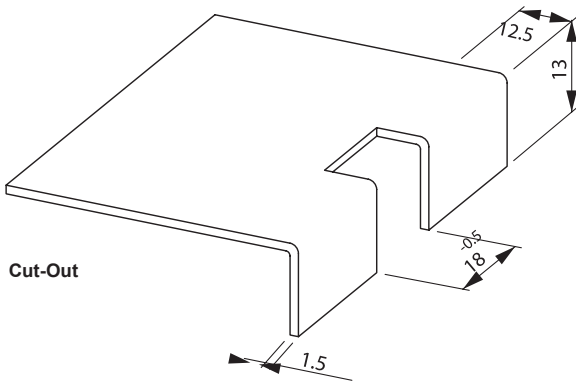
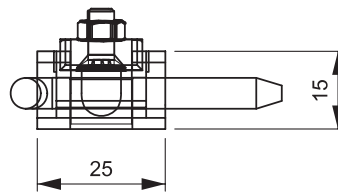
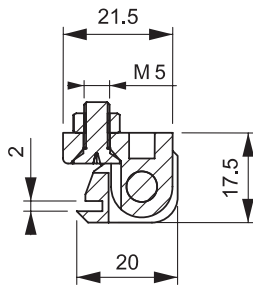
Features:

- Hinge rotation 180°
- Please contact Essentra for alternate pin styles or thicker panel options

Item No.	Base Material	Base Finish	Panel Thickness
			mm
09711215	Zinc Alloy	Chrome Plated	1.0 - 1.2
09711222	Zinc Alloy	Chrome Plated	1.5 - 2.0
09712215	Zinc Alloy	Black Powder Coated	1.0 - 1.2
09712222	Zinc Alloy	Black Powder Coated	1.5 - 2.0
09740215	Stainless Steel	Electropolished	1.0 - 1.2
09740222	Stainless Steel	Electropolished	1.5 - 2.0



197 Series
Corner Hinge



Specifications:

- Material:
Body: Nylon, Black (PA6 30% GF)
Pin: Delrin Steel

Features:

- Suitable for steel panels with a max thickness of 1.5mm
- Hinge rotation 180°
- For alternate pin options contact Essentra

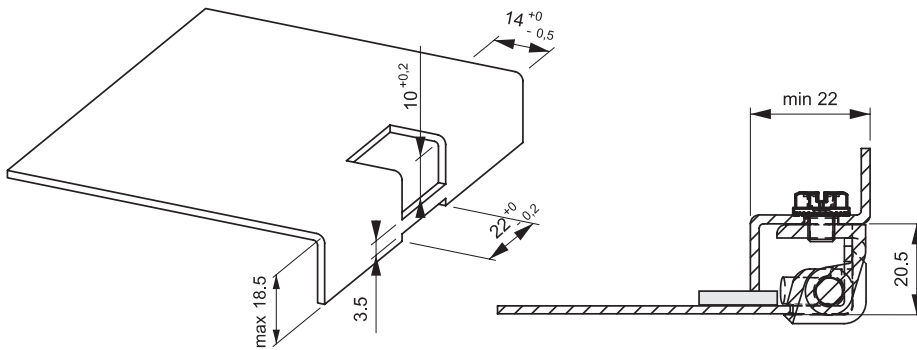
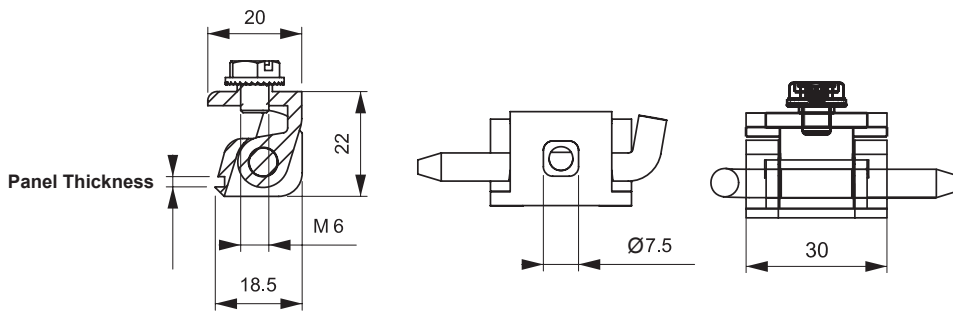
Item
No.

197201



CORNER MOUNT HINGES

297 Series Corner Hinge



Cut-Out

1.0 - 1.5mm Panel Thickness
Version 1

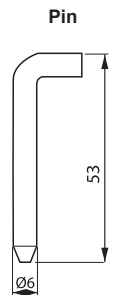
1.5 - 2.2mm Panel Thickness
Version 2

Specifications:

- Material:
Base: Zinc Alloy
Pin: Steel
- Finish: See Table

Features:

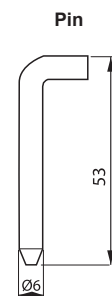
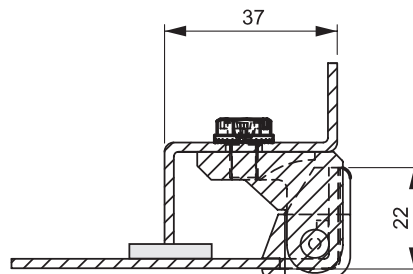
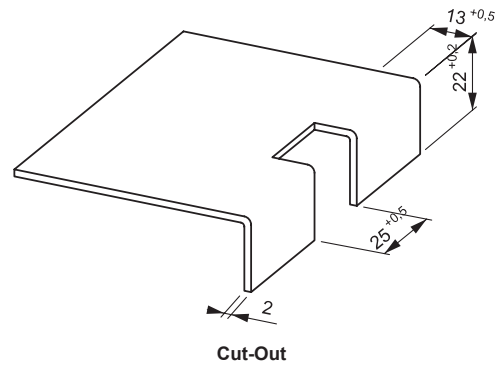
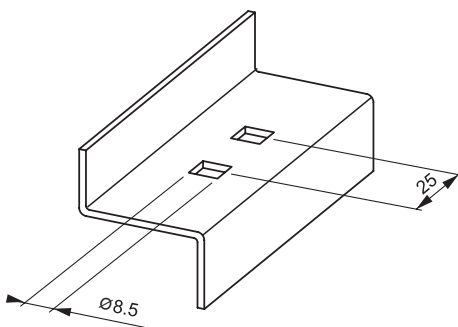
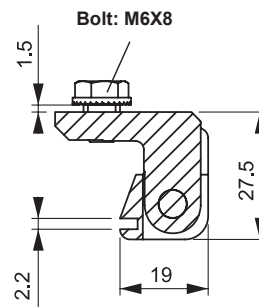
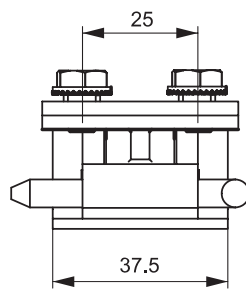
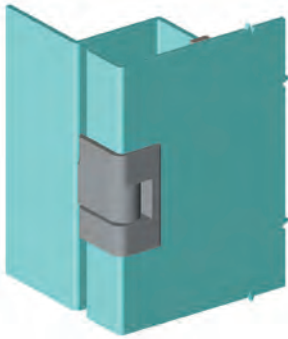
- Hinge rotation 180°
- Please contact Essentra for alternate pin styles



Item No.	Base Finish	Version	Panel Thickness (mm)
29711215	Chrome Plated	1	1.0 - 1.5
29711222	Chrome Plated	2	1.5 - 2.2
29712215	Black Powder Coated	1	1.0 - 1.5
29712222	Black Powder Coated	2	1.5 - 2.2



298 Series Corner Hinge



Specifications:

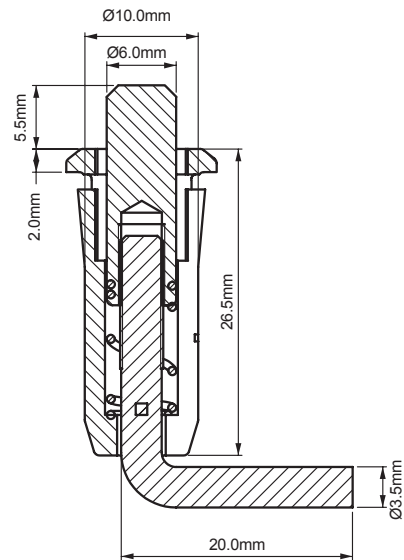
- Material:
Body: Zinc Alloy
Pin: Steel
- Finish: Black Powder Coated

Features:

- Ideal application for large electrical panels
- Hinge rotation 180°
- Corner Hinge, suitable for steel panels with a thickness between 1.5 - 2.0mm
- Includes M6 threaded studs for fastening

Item No.

298122

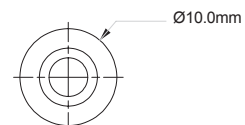
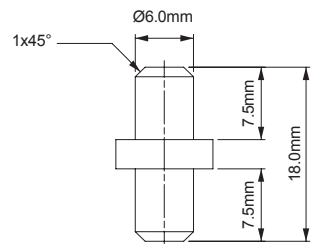
**CONCEALED HINGES - SPRING LOADED****389 Series****Concealed Hinge - Spring Loaded****Specifications:**

- Material: Nylon (PA6 30% GF)
- Pin Material: Steel
- Color: Black
- Compliant to DIN-EN ISO 1043-1 (Nylon)

Features:

- For internally mounted doors
- Hinge rotation 110°
- Spring-loaded hinge for easy door removal
- Clip installation for easy assembly
- See Bottom Pivot Pin below for mating hinge pin - 320 Series

Item
No.
389

320 Series**Bottom Pivot Pin****Specifications:**

- Material: Steel
- Finish: Zinc Plated

Features:

- Used with 089, 189, and 389 Series

Item No.

32003192

Description

Bottom Pivot Pin

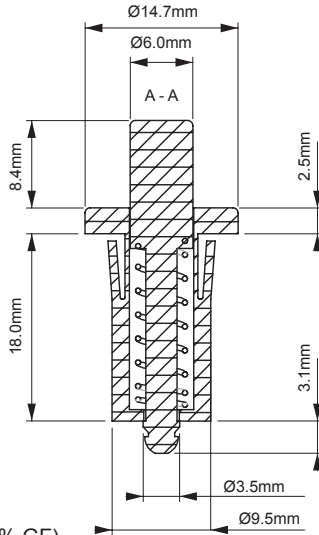
Used With

089, 189 & 389 Series

CONCEALED HINGES - SPRING LOADED



089 Series Concealed Hinge



Specifications:

- Material:
Body: Nylon (PA6 30% GF)
Pin: Steel

Features:

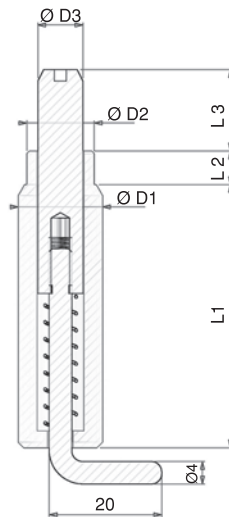
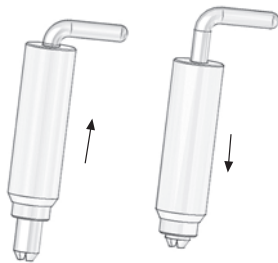
- For internally mounted doors
- Hinge rotation 110°
- Spring loaded hinge for easy door removal
- Clip installation for easy assembly
- See Bottom Pivot Pin on page 688 for mating hinge pin - 320 Series



Item No.

089

189 Series Spring Loaded Hinge

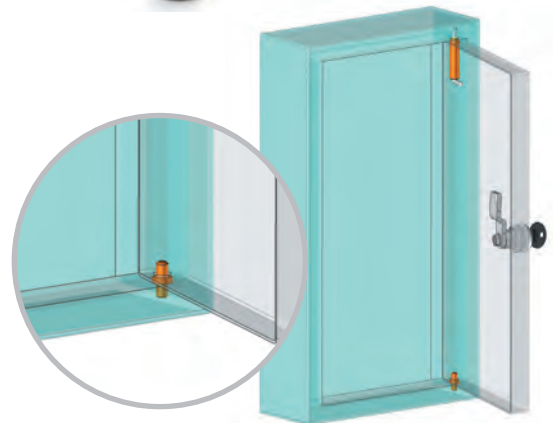


Specifications:

- Material: Steel
- Body Finish: Copper Plated
- Other Materials: Zinc Plated

Features:

- For internally mounted doors
- Hinge rotation 110°
- Spring loaded hinge for easy door removal
- Body is copper plated for easy welding



Item No.	D1	D2	D3	L1	L2	L3
18910	10	8.5	6	38	3.5	10
18912	12	9	6	38	3.5	10
18915	15	12	9	47	6	14.5

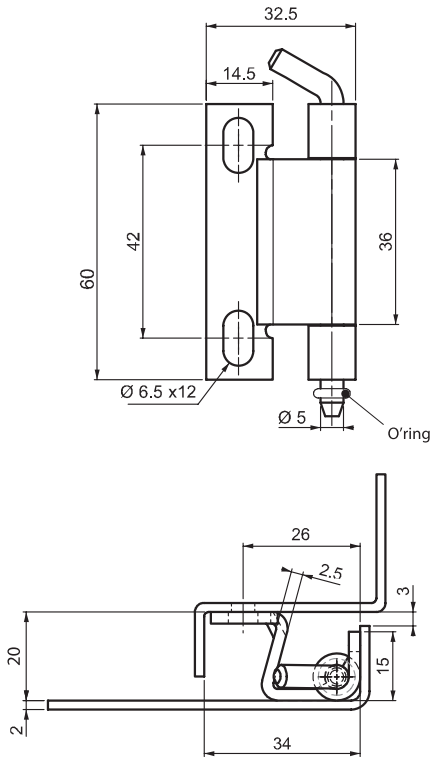


CONCEALED HINGES

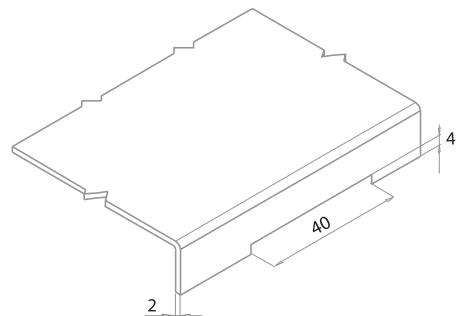
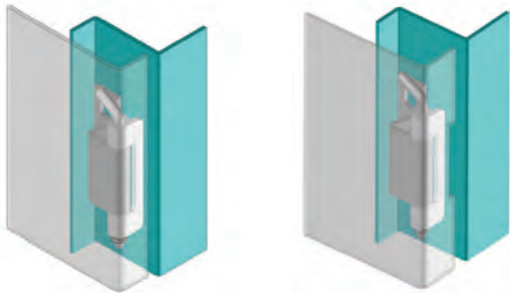
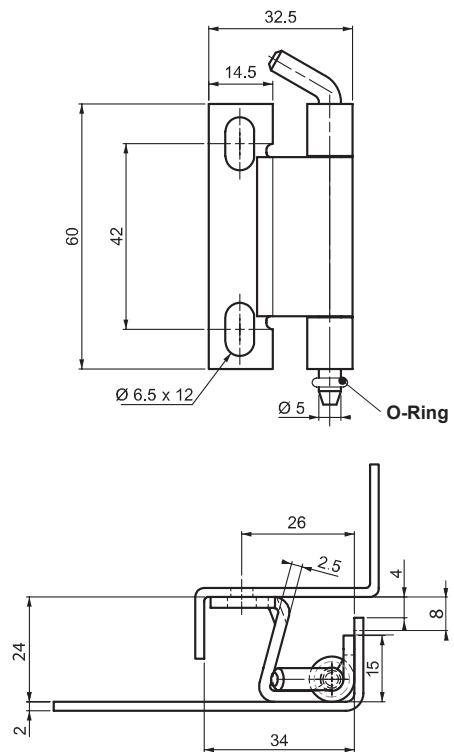
295 Series Concealed Hinges



Version 1



Version 2



Specifications:

- Material: See Table

Features:

- For doors with a bend between 20 - 24mm
- Hinge rotation 120°
- Frame part is screwed on, door part is welded on
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

Item No.	Hinge Rotation	Material	Finish	Version
295401	120°	Stainless Steel	Stainless Steel	1
295402	120°	Stainless Steel	Stainless Steel	2
295631	120°	Steel	Zinc Plated	1
295632	120°	Steel	Zinc Plated	2

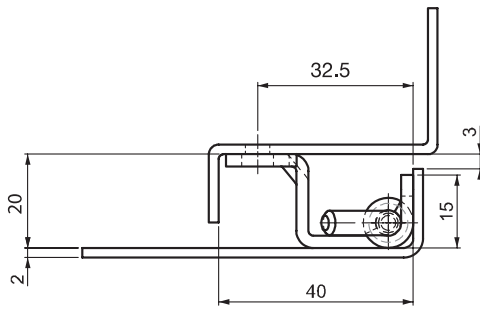
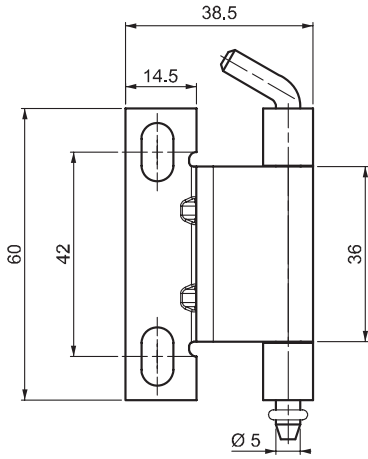
(Continued on next page >)



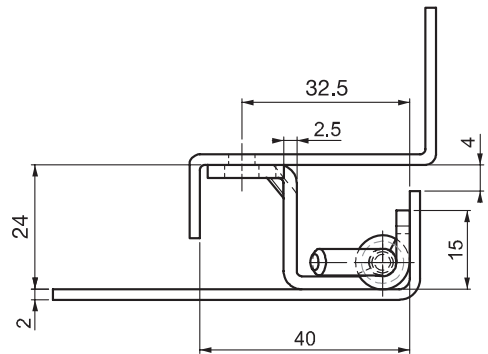
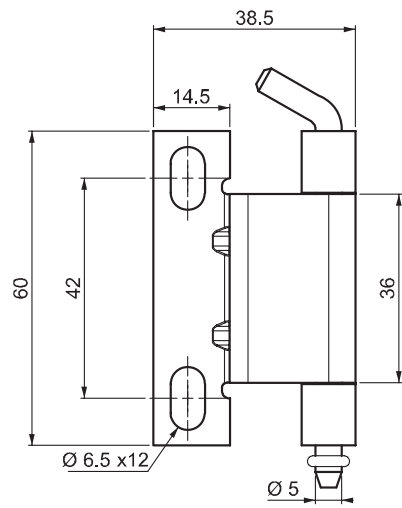
**295 Series (Continued)
 Concealed Hinges**



Version 3



Version 4



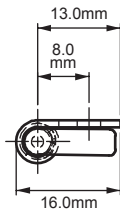
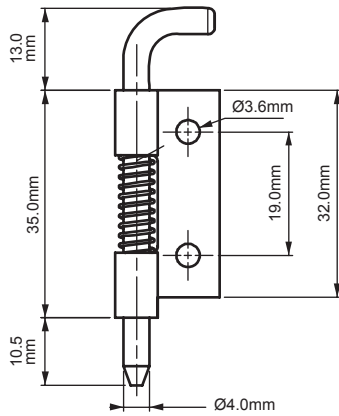
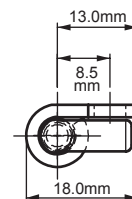
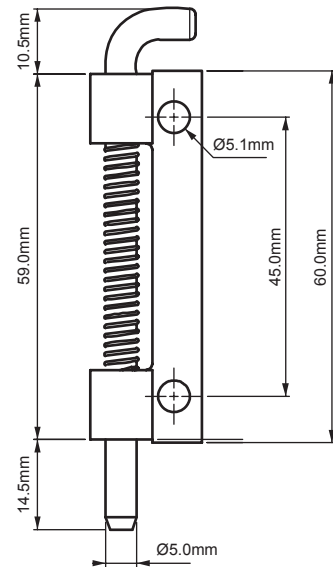
Specifications:

- Material: See Table
- Finish: See Table

Features:

- For doors with a bend between 20 - 24mm
- Hinge rotation 120°
- Frame part is screwed on, door part is welded on
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

Item No.	Material	Finish	Version
295403	Stainless Steel	Stainless Steel	3
295404	Stainless Steel	Stainless Steel	4
295633	Steel	Zinc Plated	3
295634	Steel	Zinc Plated	4

**CONCEALED HINGES****289 Series
Concealed Hinges****Version 1****Version 2****Specifications:**

- Material: See Table
- Finish: See Table
- Bolts are not supplied

Features:

- For internally mounted doors
- Hinge rotation 135°
- Spring loaded hinge for easy door removal
- Both versions can be secured by screws or welding application

Item No.	Material	Finish	Version	Hand
289631001	Steel	Zinc Plated	1	Right
289631002	Steel	Zinc Plated	1	Left
289632001	Steel	Zinc Plated	2	Right
289632002	Steel	Zinc Plated	2	Left
289401001	Stainless Steel	Natural	1	Right
289401002	Stainless Steel	Natural	1	Left
289402001	Stainless Steel	Natural	2	Right
289402002	Stainless Steel	Natural	2	Left

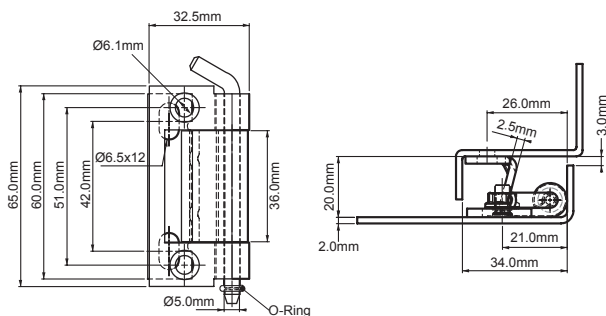
CONCEALED HINGES



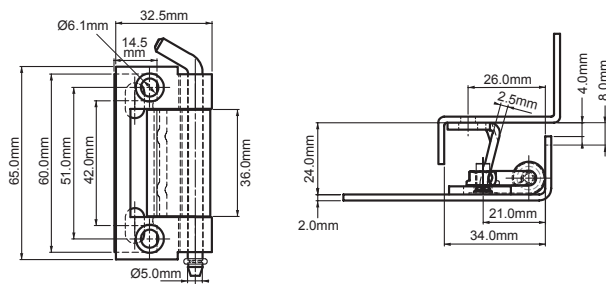
395 Series Concealed Hinges



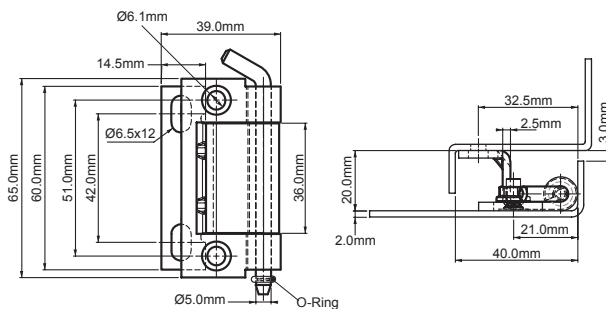
Version 1



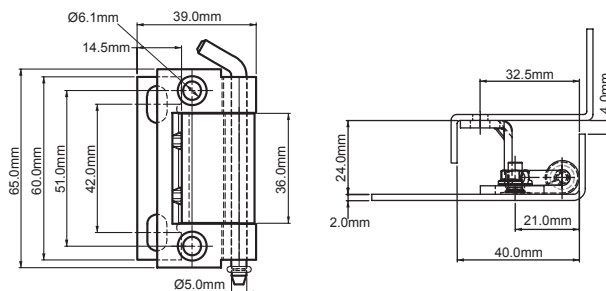
Version 2



Version 3



Version 4



Specifications:

- Material: See Table
- Finish: See Table

Features:

- For doors with bend between 20mm and 24mm
- Hinge rotation 120°
- Ideal for electric panels and machinery cover applications
- Frame part screwed on, door part welded on
- Bolts are not included
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

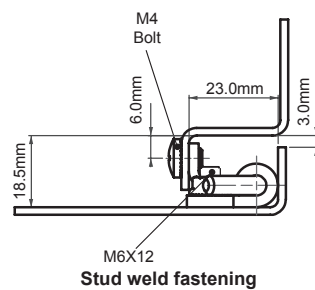
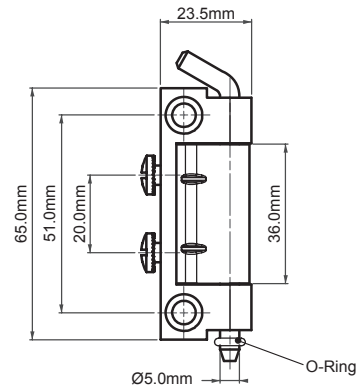
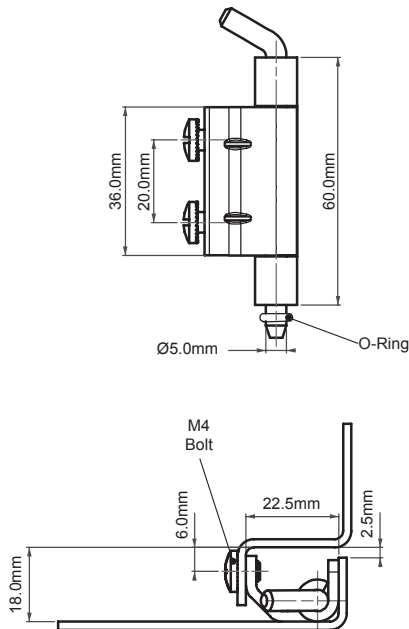
Item No.	Material	Finish	Version
395631	Steel	Zinc Plated	1
395632	Steel	Zinc Plated	2
395633	Steel	Zinc Plated	3
395634	Steel	Zinc Plated	4
395401	Stainless Steel	Natural	1
395402	Stainless Steel	Natural	2
395403	Stainless Steel	Natural	3
395404	Stainless Steel	Natural	4

**695 Series
Concealed Hinge**

Version 1



Version 2

**Specifications:**

- Material: See Table
- Finish: See Table
- Bolts are not included

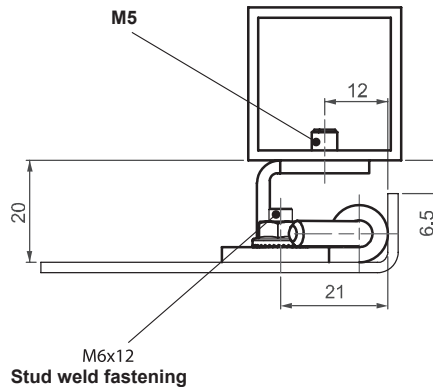
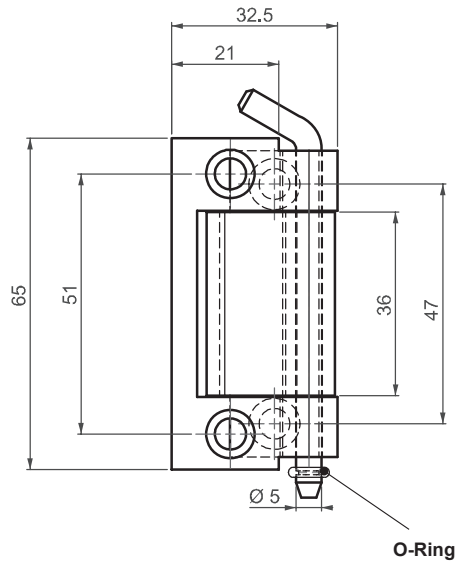
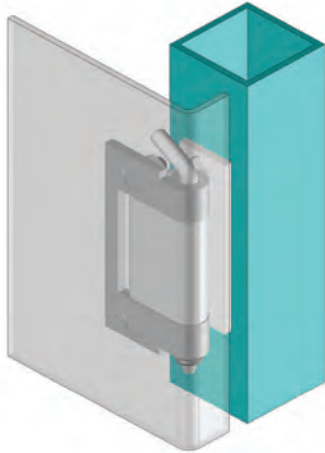
Features:

- For doors with bend of 18mm
- Hinge rotation 120°
- Ideal for electric panels and machinery cover applications
- Frame part screwed on and door part can be welded or screwed on
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

Item No.	Material	Finish	Version
695631	Steel	Zinc Plated (weld part is copper plated)	1
695632	Steel	Zinc Plated	2
695401	Stainless Steel	Natural	1
695402	Stainless Steel	Natural	2



**795 Series
 Concealed Hinge**



Specifications:

- Material: See Table
- Finish: See Table

Features:

- For internally mounted doors
- Hinge rotation 135°
- Spring loaded hinge for easy door removal
- Both versions are either screwed on or welded
- Bolts are not supplied
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

Item No.	Material	Finish
79540	Stainless Steel	Natural
79563	Steel	Zinc Plated

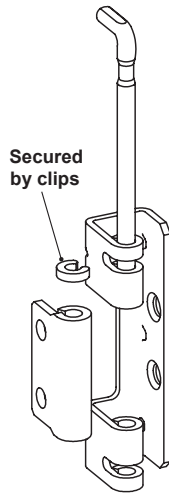
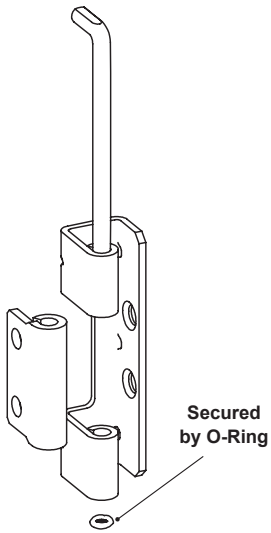
995 Series
Concealed Hinge

Stud version



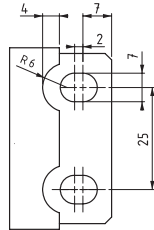
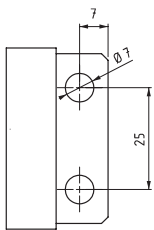
Version 3

Version 4

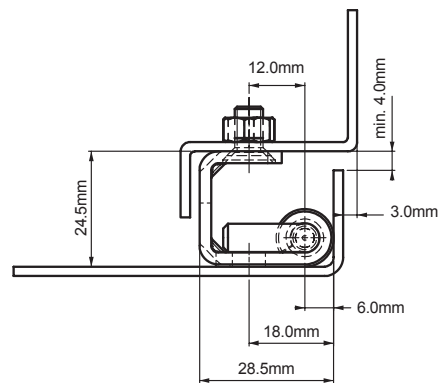
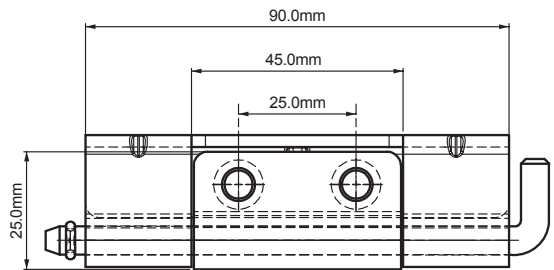
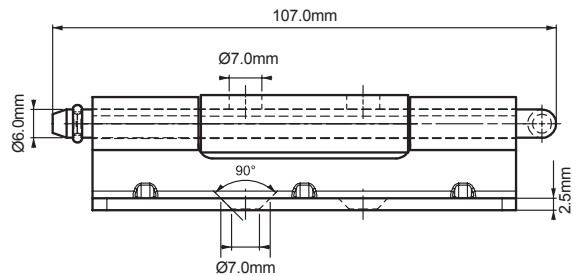


Type 1

Type 2



Middle Parts



Specifications:

- Material: Steel
- Finish: Zinc Plated
- Welded Part: Copper Plated
- Bolts are not supplied

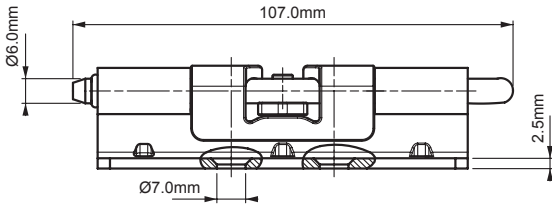
Features:

- Suitable for doors with 25mm bend
- Hinge rotation 110°
- Ideal for electric panels and machinery cover applications
- Side part can be mounted with M5 screw
- For Type 2 Middle Parts, please contact Essentra for details
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for door or panel removal

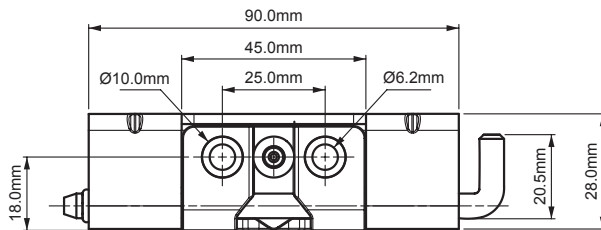
Item Number	Version	Middle Type	Securing Method
99563310	3	1	Hole
99563311	3	1	Stud
99563410	4	1	Hole
99563411	4	1	Stud



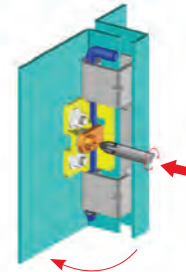
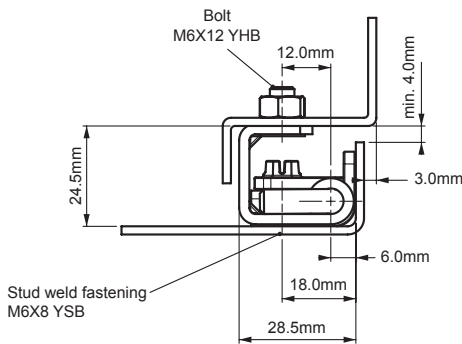
**995 Series
 Concealed Hinge**



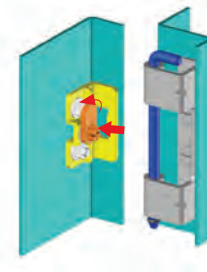
Position 1 - Closed door



Position 2 - After the door is opened, cam is rotated 90° with a screwdriver



Position 3 - The cover is removed



Specifications:

- Material: Steel
- Finish: Zinc Plated
- Welded part (Zinc Alloy) compliant to DIN-EN 1774
- Bolts or nuts are not supplied

Features:

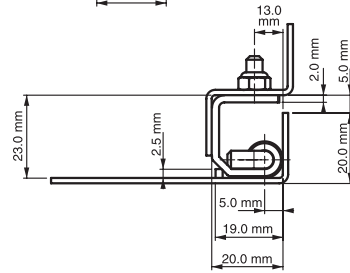
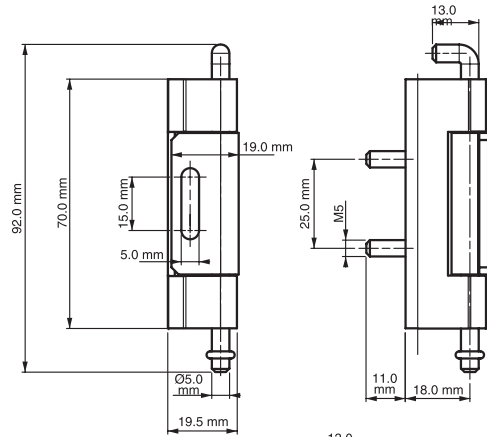
- Suitable for heavy-duty applications
- Suitable for doors with 25mm bend
- Hinge rotation 110°
- Ideal for electric panels and machinery cover applications
- Door can be removed with a screwdriver

Item Number	Securing Method
9956320	Hole
9956321	Stud



CONCEALED HINGES

1095 Series Concealed Hinge



Specifications:

- Material:
Body: Steel
Pin: Steel
Body Finish: Zinc Plated
Fixed Parts: Copper Plated

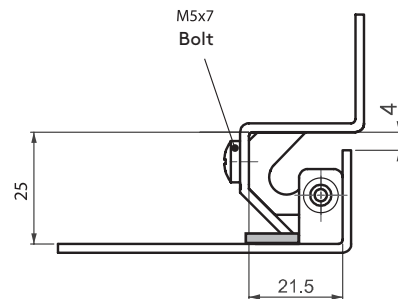
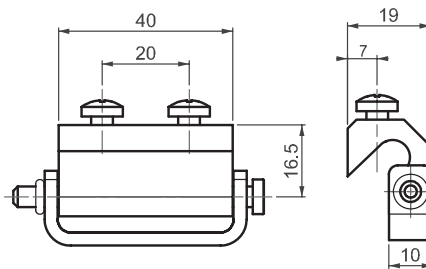
Features:

- For doors with a bend of 23mm
- Hinge rotation 110°
- Easily installed to panel or door profile
- Suitable for left and right hand applications
- Ideal for electric panels and machinery cover applications

Item Number

109563

094 Series Concealed Hinge



Specifications:

- Material: Zinc Alloy, Aluminum
Steel Body: Zinc Plated
Welded Part: Copper Plated

Features:

- For doors with 25 mm bend
- Middle part is copper plated for optional welding

Item Number

09413

Hinge
Rotation

110°

Material

ZINC ALLOY

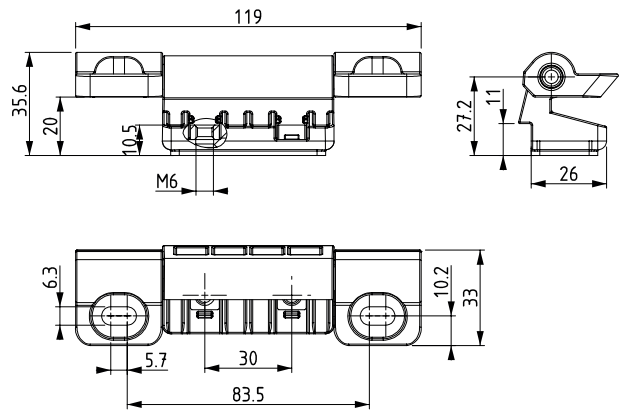
Finish

Zinc Plated



CONCEALED HINGES / CONTINUOUS PLASTIC HINGES

394 Series Concealed Hinge



Specifications:

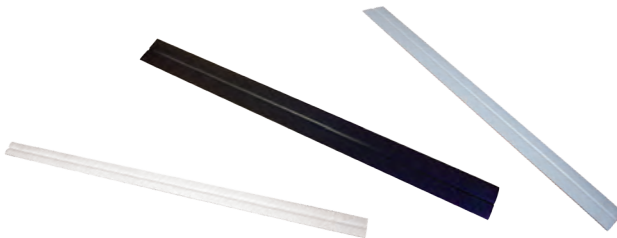
- Material:
Frame Part: Nylon Black (PA6 30% GF)
Door Part: Nylon Black (PA6 30% GF)
- Bolts are not supplied with hinge

Features:

- Suitable for lightweight panels, vehicle tool boxes and other applications
- Hinge rotation 90°
- Fastened with M6 screws

Item No.
394

HIPC Series Continuous Plastic Hinges

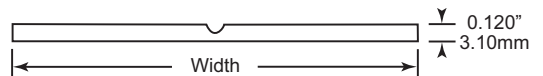


Specifications:

- Material: Modified Polyolefin Copolymer
- Color: See Table

Features:

- Resistant to salt water, oil, solvents, dilute acids, alkalis and most chemicals
- Has UV Protection

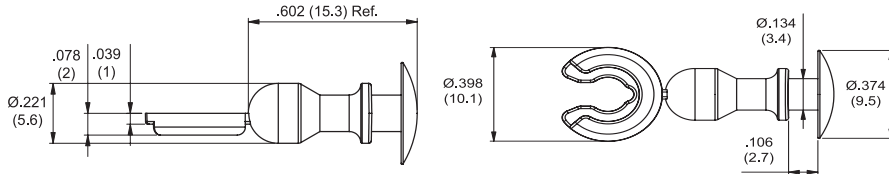
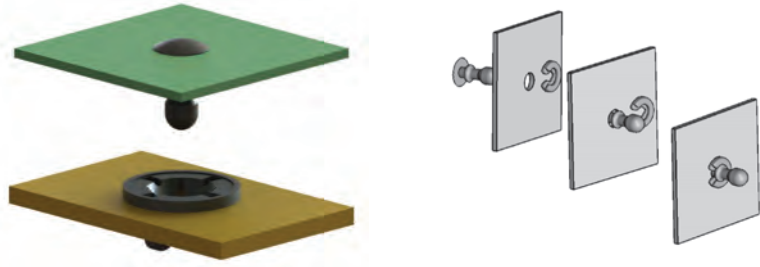


Item No.	Color	Width		Roll Length	
		in	mm	ft	m
HIPC1125B	Black	1.125	28.6	50	15.24
HIPC1125G	Grey	1.125	28.6	50	15.24
HIPC1125W	White	1.125	28.6	50	15.24
HIPC1500B	Black	1.500	38.1	50	15.24
HIPC1500G	Grey	1.500	38.1	50	15.24
HIPC1500W	White	1.500	38.1	50	15.24
HIPC2000B	Black	2.000	50.8	50	15.24
HIPC2000G	Grey	2.000	50.8	50	15.24
HIPC2000W	White	2.000	50.8	50	15.24

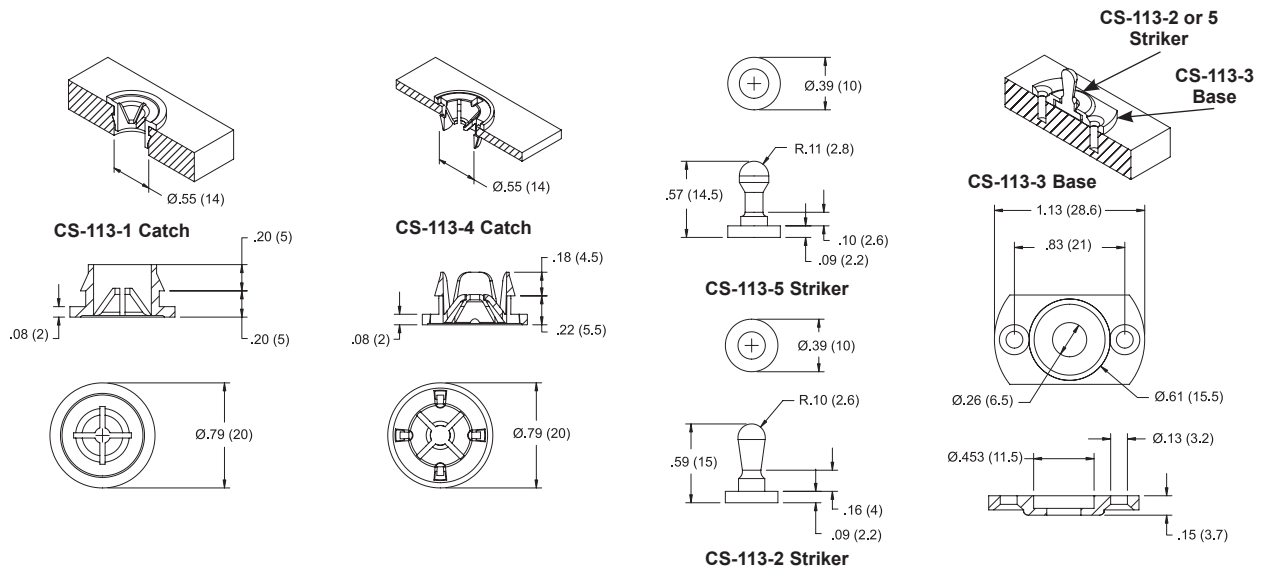


CATCHES & STRIKERS

CS Series Panel Catch and Striker



CS-113-6 Striker



Specifications:

- Material: See Table
- Color: See Table

Features:

- Quick installation whenever latching is needed
- Striker is mounted with the striker base (CS-113-3) and screwed into the door or mounted to outside of removable panel (CS-113-6)
- The catch is designed for mounting in wood cabinets (CS-113-1) or into a panel (CS-113-4)

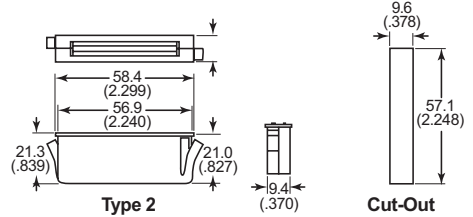
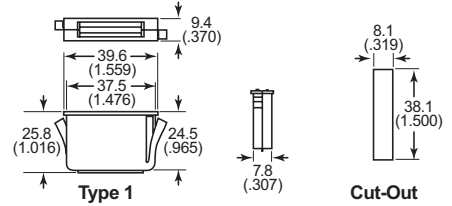
Item No.					
CS-113-1	CS-113-4	CS-113-2	CS-113-5	CS-113-6	CS-113-3
To press-fit into a .551 (14) Ø Hole, in a .394 (10) min. thick board of pliable material (i.e. wood, fiber-board, etc.)	To snap-lock in a .551 (14) Ø Hole, in a .125 (3.2) nominal panel thickness	Mounted with the use of CS-113-3 Base	Mounted with the use of CS-113-3 Base	To fit a .23-.25 (5.8 - 6.4) Ø Hole, in a .062 (1.6) thick panel	Use #4, #5 or M3 countersunk screw.
				Striker comes as one part including the retainer washer	

Item No.	Color	Catch/Striker	Ø Hole (in)	Ø Hole (mm)	Material	Material UL Rating	Bulk Pack Qty.
CS-113-1	Black	Catch	0.551	14	Supertough Nylon 6/6	UL94 HB	500
CS-113-4	Natural	Catch	0.551	14	Nylon 6	UL94 V-2	500
CS-113-5	Natural	Striker	CS-113-3 Base	CS-113-3 Base	Nylon 6/6	UL94 V-2	500
CS-113-2	Black	Striker	CS-113-3 Base	CS-113-3 Base	Supertough Nylon 6/6	UL94 HB	500
CS-113-3	Black	Catch	0.260	6.5	Acetal	UL94 HB	500
CS-113-6	Natural	Striker	.230-.250	5.8-6.4	Impact Modified Nylon 6/6	UL94 HB	500



CATCHES & STRIKERS

MAGS Series Magnetic Catches



Specifications:

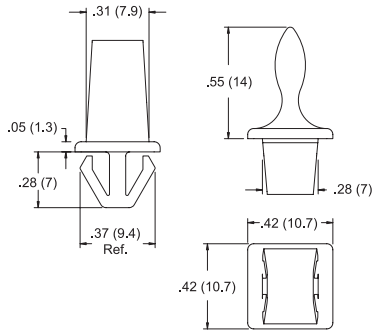
- Material: Polypropylene Shell

Features:

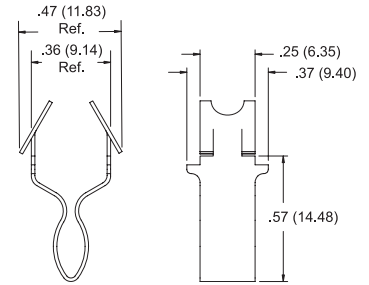
- Snap in design for quick installation
- Fits panel thickness of 0.020in (0.5mm) to 0.080in (2mm)

Item No.	Type	Bulk Pack Qty.
MAGS257A	1	20
MAGS259A	2	20

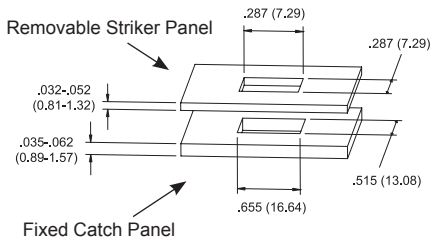
DCS Series Metal & Plastic Catch and Striker



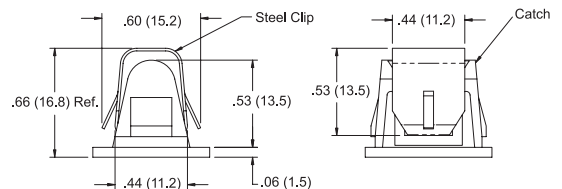
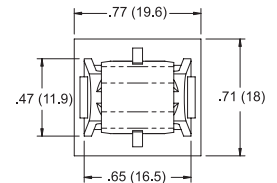
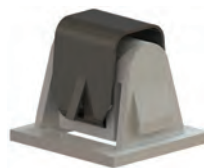
DCS-1



DCS-4



Mounting Holes



DCS-7

Specifications:

- Material: See Table
- Color: See Table

Features:

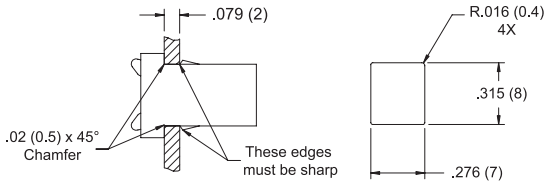
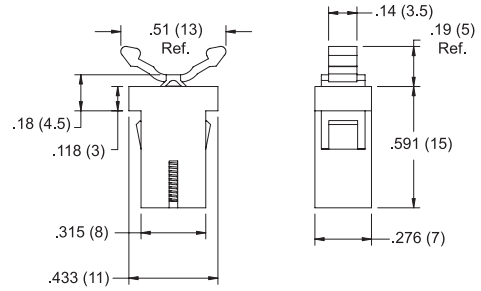
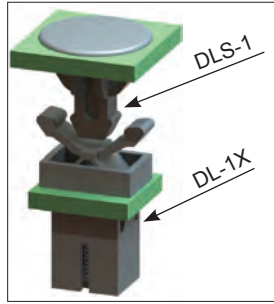
- Rugged latching device for metal cabinet doors and access panels

Item No.	Color	Catch/Striker	Material	Material UL Rating	Bulk Pack Qty.
DCS-1	Natural	Striker	Acetal	UL94 HB	500
DCS-4	Steel	Striker	Plated Steel	—	500
DCS-7	Natural	Catch	Nylon 6/6, Plated Steel	UL94 V-2	500

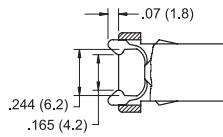


PANEL FASTENERS - DOOR LATCHES

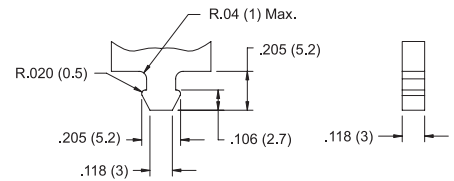
DL Series Door Latch



Mounting Hole



Locked Position



Striker Configuration

Specifications:

- Material: UL94 HB Acetel
- Color: Black

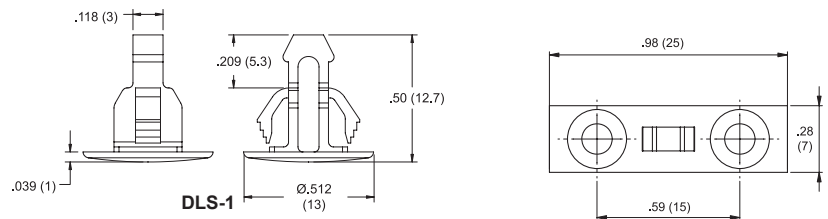
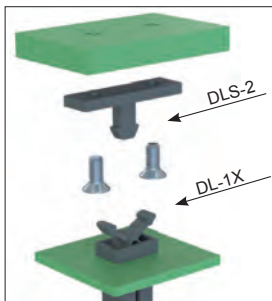
Features:

- Effective latching device, ideal for lightweight doors
- Snaps in from the front of the panel and locks securely in place
- Audible lock and release
- Supplied in released position

Locking Stroke = .21 (5.4)
Release Stroke = .05 (1.3)
Locking Stroke Force = 16 oz. ± 6.3 oz. (500 gr. ± 200 gr.)
Retention Force (Locked) = 32.2 oz. (1 kg.) Min.
Continuous Working Temperature = 14 to 140°F (-10 to 60°C)
Storage Temperature = -40°F to 176°F (-40°C to 80°C)
Life Cycle = 50,000 operations

Item No.	Bulk Pack Qty.
DL-1X	500

DLS Series Door Latch Striker

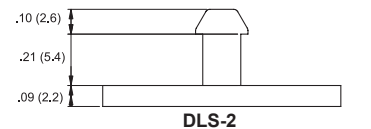


Specifications:

- Material: UL94 HB Acetel
- Color: Black

Features:

- Designed as a striker to be used with part number DL-1X shown above



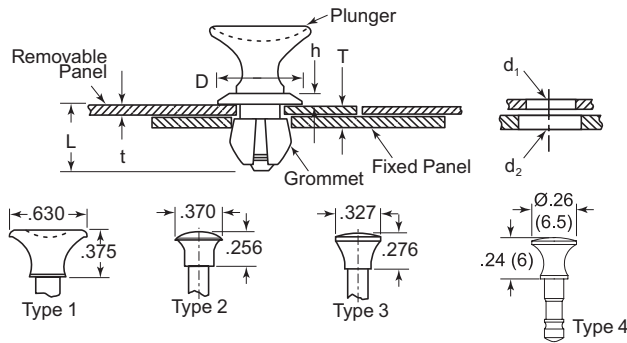
DLS-2

Item No.	Mounting Hole	Panel Thickness	Bulk Pack Qty.
DLS-1	.276 x .315 (7 x 8) Rectangular Hole	.028 - .079 (0.7 - 2.0)	1000
DLS-2	#4 or M3 Countersunk Screws	N/A	1000

PANEL FASTENERS - SNAP LATCH RIVETS



RSL Series Snap Latch Rivet



Specifications:

- Material:
Plunger: Nylon 6
Grommet: Polycarbonate
- Color: See Table

Features:

- Designed for fast and easy installation or removal by hand by snapping in and out of place
- Ideal for applications that require maintenance work
- Offered in three different head styles and four different grommets for various panel thicknesses and hole sizes
- Grommet and Plunger require mating part and are sold separately, see table for details



Plunger

Item No.		Item No.		Panel Thickness T		Removal Panel Hole d1		Mating Grommet		Bulk Pack Qty.
Black	White	Type	in	mm	in (+0.004)	mm (+0.1)	Black	White		
RSLP100B	RSLP100W	1	0.059 - 0.146	1.5 - 3.7	0.299	7.60	RSLG100B	RSLG100W	1000	
SLPL-1L-B	SLPL-1L-W	1	0.079 - 0.165	2.0 - 4.2	0.299	7.60	SLG-1L-B	SLG-1L-W	1000	
SLPL-2L-B	SLPL-2L-W	1	0.118 - 0.205	3.0 - 5.2	0.299	7.60	SLG-2L-B	SLG-2L-W	1000	
RSLP120B	RSLP120W	1	0.228 - 0.319	5.8 - 8.1	0.299	7.60	RSLG120B	RSLG120W	1000	
RSLP200B	RSLP200W	2	0.059 - 0.146	1.5 - 3.7	0.299	7.60	RSLG100B	RSLG100W	1000	
SLPB-1L-B	SLPB-1L-W	2	0.079 - 0.165	2.0 - 4.2	0.299	7.60	SLG-1L-B	SLG-1L-W	1000	
SLPB-2L-B	SLPB-2L-W	2	0.118 - 0.205	3.0 - 5.2	0.299	7.60	SLG-2L-B	SLG-2L-W	1000	
RSLP215B	RSLP215W	2	0.181 - 0.272	4.6 - 6.9	0.299	7.60	RSLG115B	RSLG115W	1000	
RSLP220B	RSLP220W	2	0.228 - 0.319	5.8 - 8.1	0.299	7.60	RSLG120B	RSLG120W	1000	
SLPB-1M-B	SLPB-1M-W	3	0.059 - 0.146	1.5 - 3.7	0.237	6.00	SLG-1M-B	SLG-1M-W	1000	
SLPB-2M-B	SLPB-2M-W	3	0.079 - 0.165	2.0 - 4.2	0.237	6.00	SLG-2M-B	SLG-2M-W	1000	
SLPB-3M-B	SLPB-3M-W	3	0.118 - 0.205	3.0 - 5.2	0.237	6.00	SLG-3M-B	SLG-3M-W	1000	
RSLP315B	RSLP315W	3	0.181 - 0.272	4.6 - 6.9	0.237	6.00	RSLG140B	RSLG140W	1000	
SLPB-1S-B	SLPB-1S-W	4	0.079 - 0.158	2.0 - 4.0	0.179	4.55	SLG-1S-B	SLG-1S-W	1000	
SLPB-2S-B	SLPB-2S-W	4	0.098 - 0.177	2.5 - 4.5	0.179	4.55	SLG-2S-B	SLG-2S-W	1000	

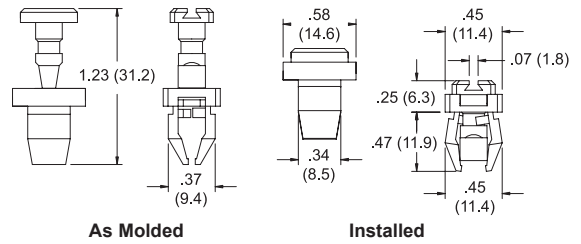
Grommets

Item No.		Item No.		Panel Thickness t		Fixed Panel Hole d2		D		L		h		Bulk Pack Qty.
Black	White	in	mm	in (+0.004)	mm (+0.1)	in	mm	in	mm	in	mm	in	mm	
RSLG100B	RSLG100W	0.043	1.1	0.319	8.1	0.425	10.8	0.339	8.6	0.079	2.0	1000		
SLG-1L-B	SLG-1L-W	0.063	1.6	0.319	8.1	0.425	10.8	0.354	9.0	0.079	2.0	1000		
SLG-2L-B	SLG-2L-W	0.098	2.5	0.319	8.1	0.425	10.8	0.394	10.0	0.079	2.0	1000		
RSLG115B	RSLG115W	0.161	4.1	0.319	8.1	0.425	10.8	0.461	11.7	0.079	2.0	1000		
RSLG120B	RSLG120W	0.209	5.3	0.319	8.1	0.425	10.8	0.508	12.9	0.079	2.0	1000		
SLG-1M-B	SLG-1M-W	0.043	1.1	0.253	6.4	0.335	8.5	0.315	8.0	0.071	1.8	1000		
SLG-2M-B	SLG-2M-W	0.063	1.6	0.253	6.4	0.335	8.5	0.335	8.5	0.071	1.8	1000		
SLG-3M-B	SLG-3M-W	0.098	2.5	0.253	6.4	0.335	8.5	0.374	9.5	0.071	1.8	1000		
RSLG140B	RSLG140W	0.161	4.1	0.253	6.4	0.335	8.5	0.433	11.0	0.071	1.8	1000		
SLG-1S-B	SLG-1S-W	0.039	1.0	0.187	4.7	0.256	6.5	0.299	7.6	0.047	1.2	1000		
SLG-2S-B	SLG-2S-W	0.059	1.5	0.187	4.7	0.256	6.5	0.319	8.1	0.047	1.2	1000		



QUARTER TURN PANEL FASTENERS

FQT Series Quarter Turn Panel Fastener

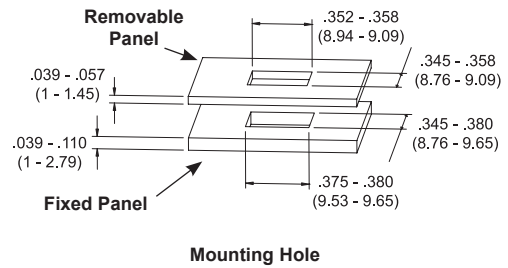


Specifications:

- Material: UL94 HB Acetal
- Color: See Table

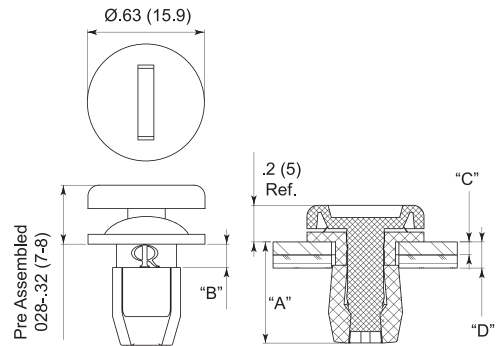
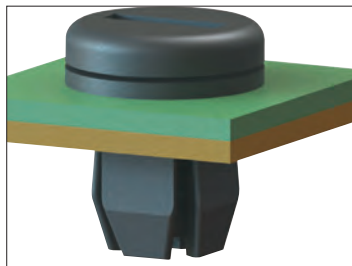
Features:

- Joins together one fixed panel and one removable panel
- Installed by driving the plunger into the grommet with a hammer, locking the two panels together
- Panels are easily separated using a screwdriver to rotate the plunger a quarter turn
- Supplied as one piece to reduce hardware and cost



Item No.	Color	Bulk Pack Qty.
FQT-1	White	1000
FQT-1BK	Black	1000

QTPF Series Quarter Turn Panel Fastener

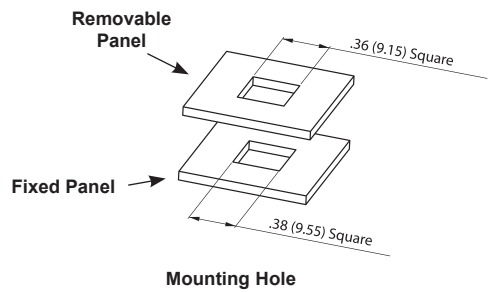


Specifications:

- Material: UL94 HB Acetal
- Color: Black

Features:

- Joins together one fixed panel and one removable panel
- Using a flat-head screwdriver or coin, a quarter-turn releases the fixed panel while retaining the fastener in the removable panel
- Pre-assembled to reduce hardware and cost



Item No.	A		B		Removable Panel Thickness (C)		Total Panel Thickness (D)		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	
QTPF-1BK	0.48	12.3	0.07	1.7	0.02 - 0.06	0.5 - 1.6	0.08 - 0.20	2.0 - 5.0	100
QTPF-2BK	0.54	13.7	0.12	3.1	0.07 - 0.12	1.8 - 3.1	0.16 - 0.24	4.0 - 6.2	100



MONITORING & ACCESS CONTROL CONCEPT

The security of IT cabinets in server rooms and data centers is becoming more important worldwide. The reason is that a typical IT infrastructure supports the entire organization and stores the know-how of the company.

We have developed an integrated access control system called ELS.

This new system enables you to monitor and control your IT environment in a very efficient way. Sensors detect door access, variations in temperature, security and other variables to give you immediate notification and greater control over your network, all at a great value. Cabinet doors can be opened by RFID cards, a key pad or remote control units.

This solution manages who can open which cabinet doors and when, and allows you to get a detailed report for each cabinet.

BASIC FEATURES:

- Provides environmental monitoring, access control and a management system
- Prevents unauthorized access
- Allows doors to be opened using a proximity card, keypad or via a web interface
- Accommodates sensors to monitor temperature, humidity, smoke, the presence of water or liquids, etc.
- Automatically generates an audio alert
- Records all the security information you need every time the door to a server cabinet is opened – whom, where, when



APPLICATIONS

Server Cabinets | Data Centers | Electric Panels | Telecommunications | Kiosks | GSM Cabinets





SYSTEM OVERVIEW

- IP monitoring of environmental conditions in the rack cabinet
- Control of physical access to the rack cabinet
- User interface via proximity card reader or keypad
- Electronic lock access authorization

Monitoring and Access Control Units



ACU: Access Control Unit
 AIK: Access Interface Keypad
 AIP: Access Interface Proximity

Standalone Access Interfaces



S-AIK: Access Interface Keypad
 S-AIP: Access Interface Proximity

Other Electromechanical Locks



Electronic Swinghandles





**3402 Series
 ACU Access Control Unit**



1 2 3

1. LED indicator
2. USB 2.0
3. Ethernet port 10/100
4. Power input (12VDC 3A)



4 5 6 7 5 6 7

5. 2x access interface inputs
6. 2x lock outputs
7. 2x dry contact inputs



Management Software

Dry Contact Inputs

- Dry contact inputs to monitor changes in the environment
- Inputs can be used as sensor input for detecting the state of the door (open / closed)

Access Interfaces

- 2x access interface inputs allow access by entering a code number or presenting a proximity card.
- Possible to connect 3414 - AIK and 3415 - AIP devices (see page 710)

Lock Outputs

- 2x lock outputs to control physical access to the cabinet
- Possible to connect wide range of locks.

Specifications

- Can connect up to 18 access interfaces to one ACU
- Can control up to 32 swinghandles with one ACU
- Management software:
 - User-friendly interface
 - Supports SMS and email notifications
 - Monitor all door and handle status in one screen
 - Control all connected swinghandles remotely
 - Configure network settings and user-administrative settings
 - Add and remove users
 - View and delete logs
 - MS SQL database
 - Easy configuration with ELS Configuration Software
- Up to two AIs (3414 and 3415) can be connected to the ACU

Features

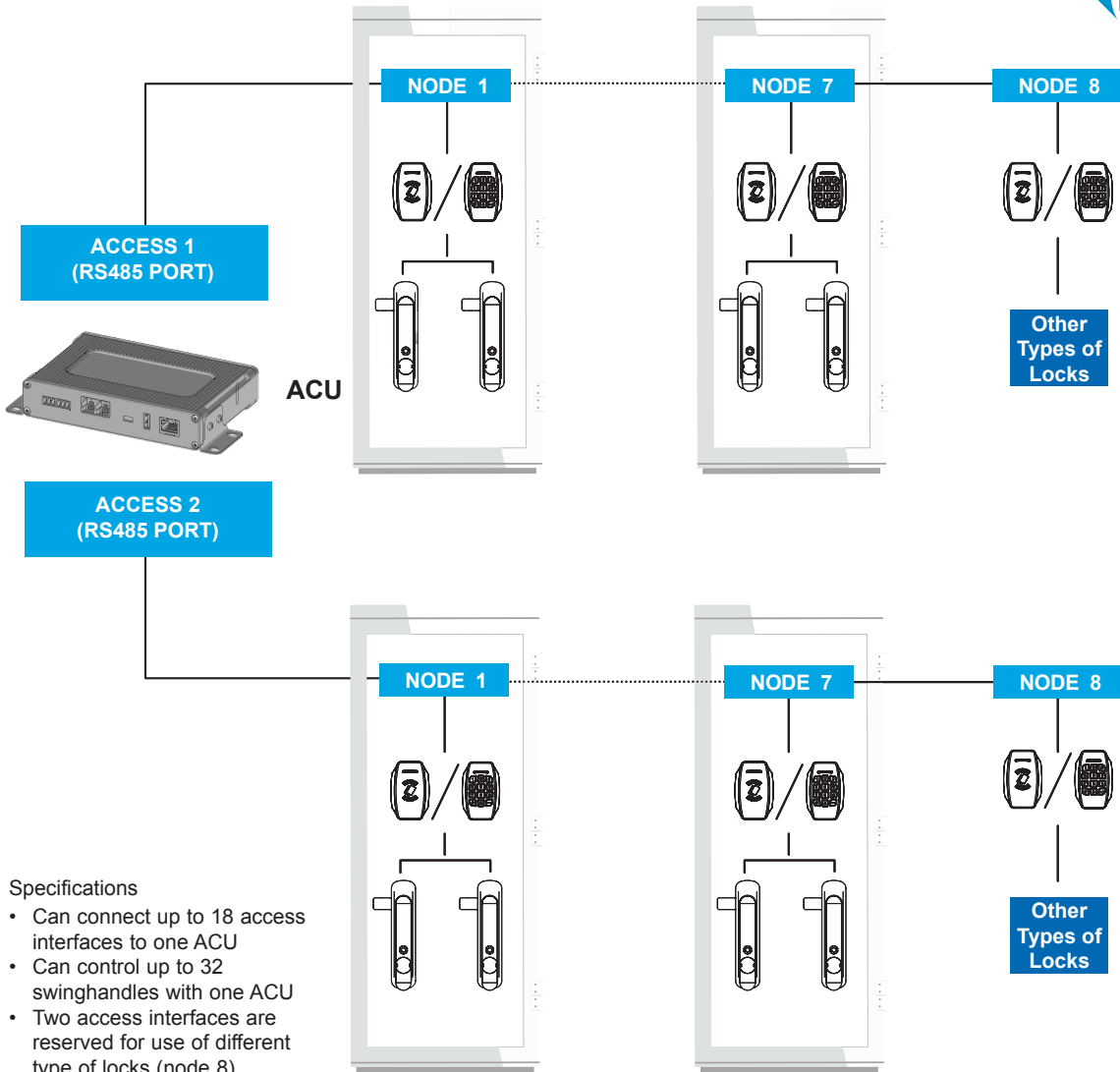
- Intelligent device for controlling electronic locks and monitoring door status
- Control of physical access to the rack cabinet
- Monitors and manages security conditions over IP
- User database
- Management software for monitoring and configuring the unit
- Can connect to a sensor for detecting the state of the door (open/closed)
- Applications: data centers, co-location centers, web hosting facilities, telecom racks or any site that needs to be monitored

Item
 No.
3402



ACCESS CONTROL UNITS

3402 Series (continued) ACU Access Control Unit System Overview



3403 Series Electronic Swinghandle Connection Cable



Specifications

- Used to connect electronic swinghandles to standalone access interfaces
- The same connectors are crimped on both ends of the cable

Item No.	Length m
34030039	0.4
34030006	4.0
34030064	6.0

3400 Series ACU - AI Connection Cable



Specifications

- Used to connect access interfaces (3414 & 3415 on page 710) to monitor access control unit

Item No.
34030040



3416 Series S-AIK Standalone Access Interface Keypad

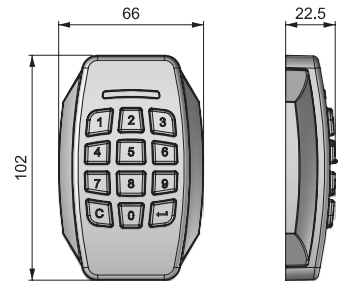


Specifications

- Material:
Cover: ABS
Body: Zinc Alloy
- 12 Volt DC supply Voltage
- Two level password (master and user)
- Two lock outputs to control physical access to the cabinet
- Possible to connect wide range of locks including electronic swinghandles

Features

- User-interface device that allows access by entering a code number or presenting a proximity card
- Can control locks separately
- Beep tones and LEDs on the AI device inform users about the acceptance or rejection of an operation
- Colored status indicators signals:
 - Signal 1: Ready = Blue
 - Signal 2: Error = Red
 - Signal 3: Ok = Green
 - Signal 3: Menu = Yellow



Item
No.
3416

3417 Series S-AIP Standalone Access Interface Keypad

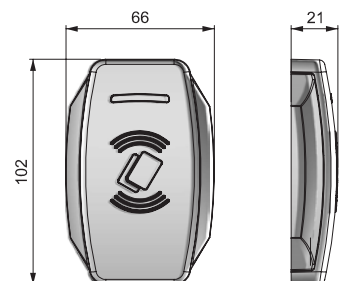


Specifications

- Material:
Cover: ABS
Body: Zinc Alloy
- 12 Volt DC supply Voltage
- Two level card management system (master and user)
- Two lock outputs to control physical access to the cabinet
- Possible to connect wide range of locks including electronic swinghandles
- RFID card: 13.56Mhz MIFARE - Standard ISO144443A; available printed or unprinted, ordered separately

Features

- User-interface device that allows access by presenting a proximity card
- Can control locks separately
- Beep tones and LEDs on the AI device inform users about the acceptance or rejection of an operation
- Colored status indicators signals:
 - Signal 1: Ready = Blue
 - Signal 2: Error = Red
 - Signal 3: Ok = Green
 - Signal 3: Menu = Yellow
- Printed RFID 34002639. Unprinted RFID 34002640



Item
No.
3417



ACCESS INTERFACES / ACCESSORIES

**3414 Series
Access Interface Keypad**

Specifications

- Use with ACU Item 3402 (page 707)

Features

- User-interface device that allows access by entering a code number or presenting a proximity card
- Beep tones and LEDs on the AI device inform users about the acceptance or rejection of an operation



Item
No.
3414

**3415 Series
Access Interface Proximity**

Specifications

- Use with ACU Items 3402 (page 707) and to control swinghandles
- RFID card: 13.56Mhz MIFARE - Standard ISO14443A; available printed or unprinted, ordered separately

Features

- User-interface device that allows access by presenting a proximity card
- Beep tones and LEDs on the AI device inform users about the acceptance or rejection of an operation
- Order Separately RFID cards: 34002639 (printed), 34002640 (unprinted)



Item
No.
3415

**3400 Series
AC-DC Power Supply**

Specifications

- 12 Volt DC 3 Amper
- Universal input voltage range
- Up to 35 W continuous power

Features

- Interchangeable AC blades for global use
- Used with monitoring access control units
- Europe blade included; please contact Essentra for other blades



Item
No.
34002625

**3403 Series
AC-DC Power Supply**

Specifications

- 12 Volt DC 3 Amper
- Universal input voltage range
- Up to 35 W continuous power

Features

- Used with standalone access interfaces



Item
No.
34030041

**3403 Series
RS 485 Repeater**

Specifications

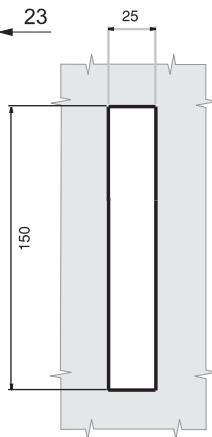
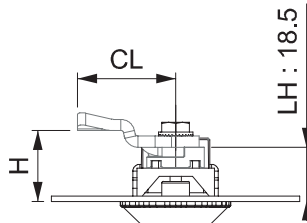
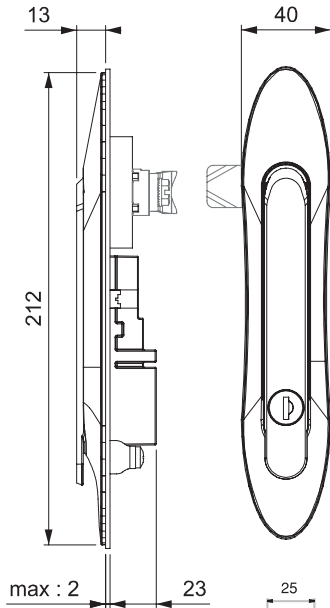
- Used to connect access interfaces (3414 & 3415 above) to each other



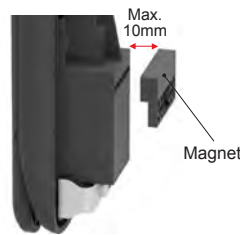
Item
No.
34030063



3101 Series
All Metal Electronic Swinghandles



Cut-Out



Open-close position of door can be monitored; max distance between the magnet and the lock is 10 mm



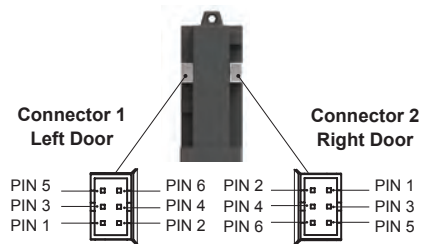
Specifications

- Material:
Body: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Handle: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Cam: Steel
Seal: Polyurethane
- Finish: Black Powder Coated
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

Features

- High security to protect your organization's data
- All metal construction
- Compatible with Access Control Systems
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Elegant design
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch

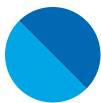
▲ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591.



Pin Detail
Both connectors have same function

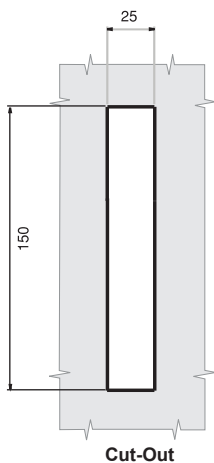
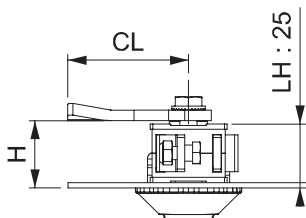
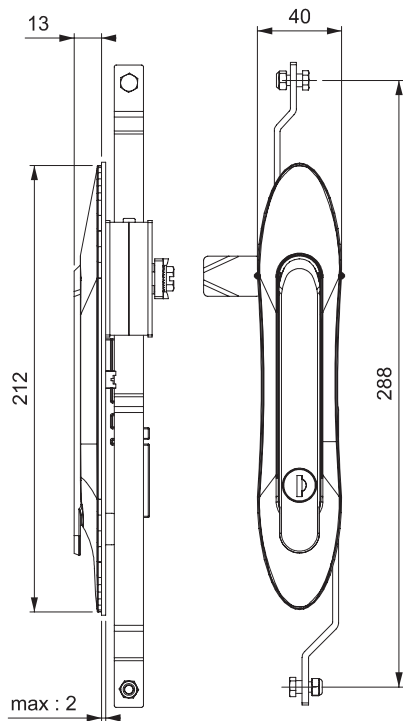


Item No.	Cylinder Description
310112123200	Stainless Steel Dust Cap (Keyed Differ)
310112124000	Stainless Steel Dust Cap (Keyed Alike)



ELECTRONIC SWINGHANDLES

3102 Series All Metal Electronic Swinghandles

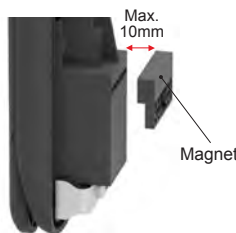


Specifications

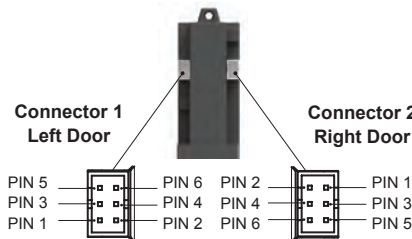
- Material:
Body: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Handle: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Cam: Steel
Seal: Polyurethane
- Finish: Black Powder Coated
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

Features

- High security to protect your organization's data
- All metal construction
- Compatible with Access Control Systems
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Elegant design
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch



Open-close position of door can be monitored; max distance between the magnet and the lock is 10 mm



Pin Detail
Both connectors have same function

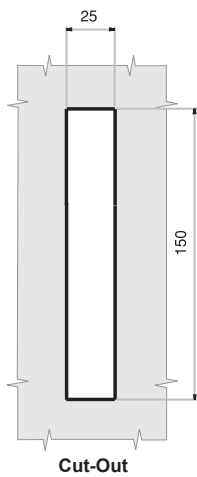
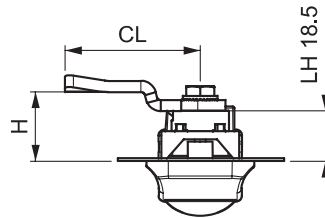
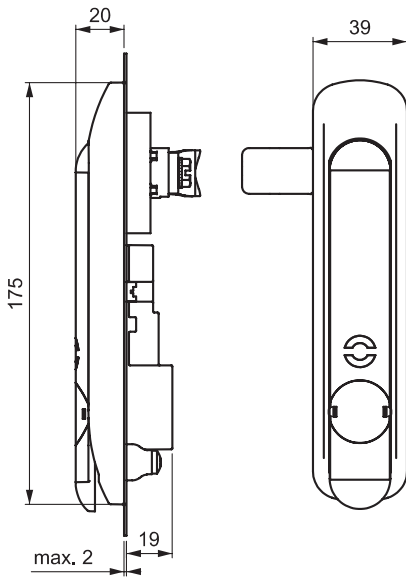
⚠ CAMS SOLD SEPARATELY. SEE PAGES 592 - 593.

Item No.	Cylinder Description
310212123200	Stainless Steel Dust Cap (Keyed Differ)
310212124000	Stainless Steel Dust Cap (Keyed Alike)

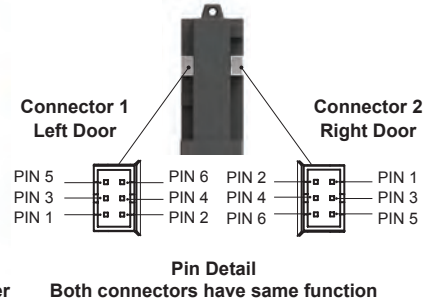
ELECTRONIC SWINGHANDLES



3103 Series Electronic Swinghandles with LED Indicators



Open-close position of door can be monitored; max distance between the magnet and the lock is 10 mm



Specifications

- Material:
 - Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
 - Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 40
 - Cam: Steel
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

Features

- High security to protect your organization's data
- LED indicators
- Compatible with Access Control Systems
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 594.



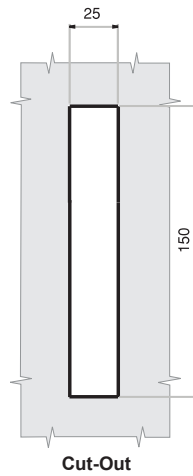
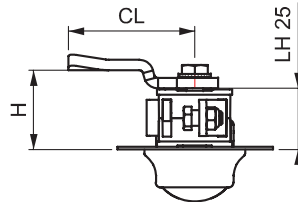
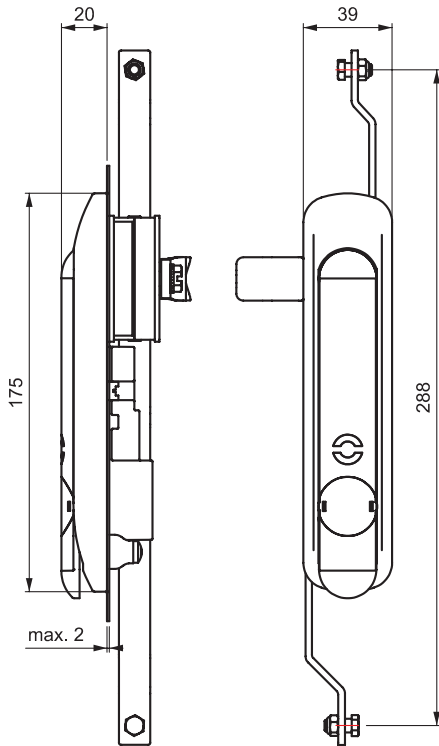
Lock Warning Signs			
Signal 1		While opening the lock	LED 1 blinks fast
Signal 2		While closing the lock	LED 2 blinks fast
Signal 3		When the lock is open	Both LEDs blink fast
Signal 4		When the handle is open	Both LEDs not lit
Signal 5		Error	Both LEDs blink slow
Signal 6		Ready	Both LEDs are lit

Item No.	Cylinder Description
310320203200	Stainless Steel Dust Cap (Keyed Differ)
310320204000	Stainless Steel Dust Cap (Keyed Alike)



ELECTRONIC SWINGHANDLES

3104 Series Electronic Swinghandles with LED Indicators



Specifications

- Material:
Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Cam: Steel
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

Features

- High security to protect your organization's data
- LED indicators
- Compatible with Access Control Systems
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 594.

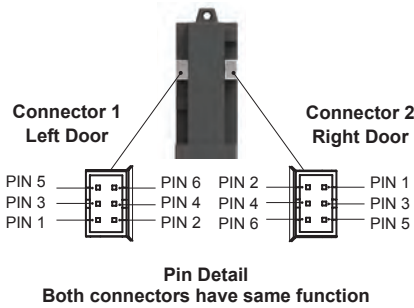
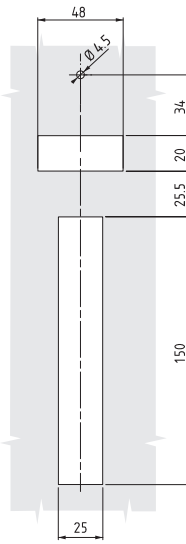
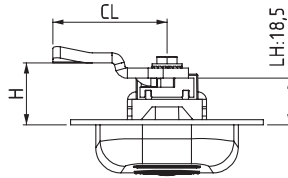
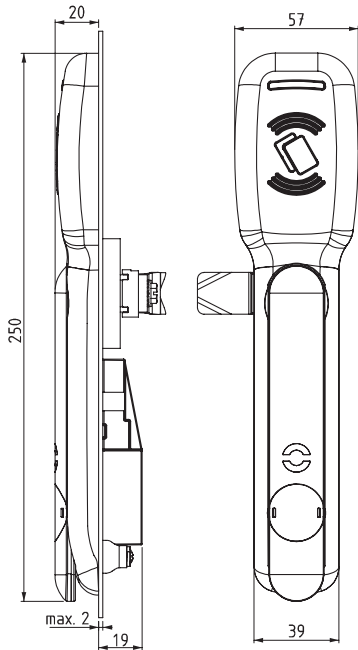
Lock Warning Signs

Signal 1		While opening the lock	LED 1 blinks fast
Signal 2		While closing the lock	LED 2 blinks fast
Signal 3		When the lock is open	Both LEDs blink fast
Signal 4		When the handle is open	Both LEDs not lit
Signal 5		Error	Both LEDs blink slow
Signal 6		Ready	Both LEDs are lit

Item No.	Cylinder Description
310420203200	Stainless Steel Dust Cap (Keyed Differ)
310420204000	Stainless Steel Dust Cap (Keyed Alike)



3111 Series
Electronic Swinghandles with RFID Reader



Specifications

- Material:
Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Cam: Steel
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

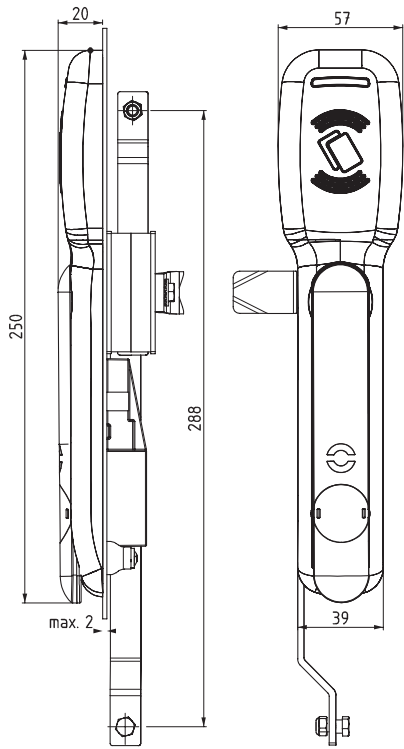
Features

- High security to protect your organization's data
- Integrated RFID reader
- LED indicators on both lock and reader
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Supports RS 485 protocol; for other protocols please contact Essentra
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch

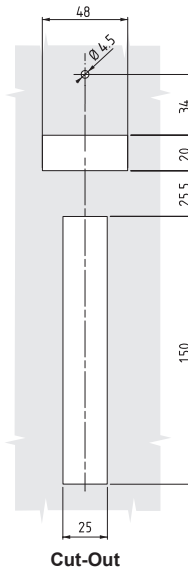
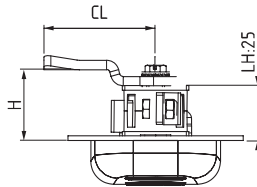
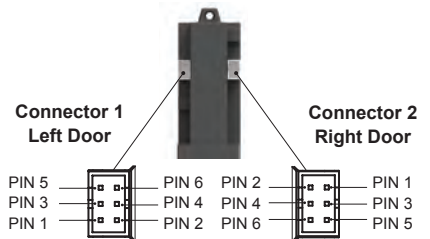
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 594.

Lock Warning Signs			
Signal 1		While opening the lock	LED 1 blinks fast
Signal 2		While closing the lock	LED 2 blinks fast
Signal 3		When the lock is open	Both LEDs blink fast
Signal 4		When the handle is open	Both LEDs not lit
Signal 5		Error	Both LEDs blink slow
Signal 6		Ready	Both LEDs are lit

Item No.	Cylinder Description
311120203200	Stainless Steel Dust Cap (Keyed Differ)
311120204000	Stainless Steel Dust Cap (Keyed Alike)

**ELECTRONIC SWINGHANDLES****3112 Series
Electronic Swinghandles with RFID Reader**

Open-close position of door can be monitored; max distance between the magnet and the lock is 10 mm

**Cut-Out****Pin Detail
Both connectors have same function****Specifications**

- Material:
Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30
Cam: Steel
- Operating voltage: 12 VDC
- Operating temperature: -10°C to 60°C
- Standby: 6mA
- Lock / Unlock: 75mA
- Maximum Current: 400mA

Features

- High security to protect your organization's data
- Integrated RFID reader
- LED indicators on both lock and reader
- Ability to work mechanically in case of power outage
- Capable to inform door and handle status
- Supports RS 485 protocol; for other protocols please contact Essentra
- Applications: rack cabinets, server rooms, telecommunication, kiosks, GSM network cabinets
- Two keys supplied with each latch

⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 594.

Lock Warning Signs

Signal 1		While opening the lock	LED 1 blinks fast
Signal 2		While closing the lock	LED 2 blinks fast
Signal 3		When the lock is open	Both LEDs blink fast
Signal 4		When the handle is open	Both LEDs not lit
Signal 5		Error	Both LEDs blink slow
Signal 6		Ready	Both LEDs are lit

Item No.

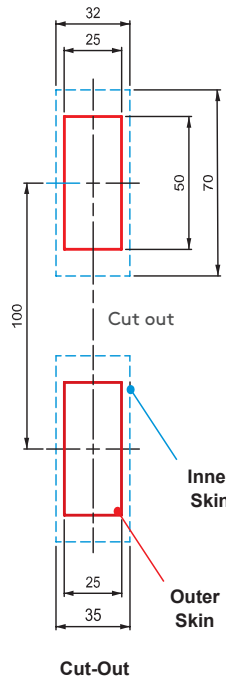
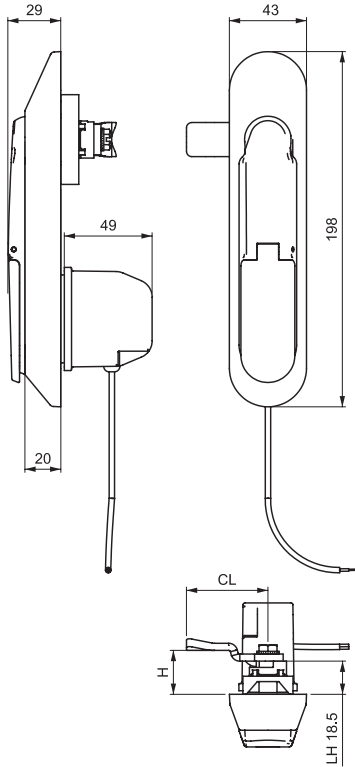
311220203200
311220204000

Cylinder Description

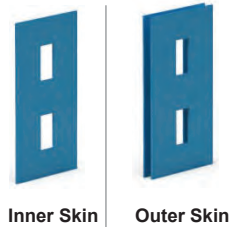
Stainless Steel Dust Cap (Keyed Differ)
Stainless Steel Dust Cap (Keyed Alike)



3105 & 3106 Series
Electronic Swinghandles Standard/Electromechanical



Assembly application



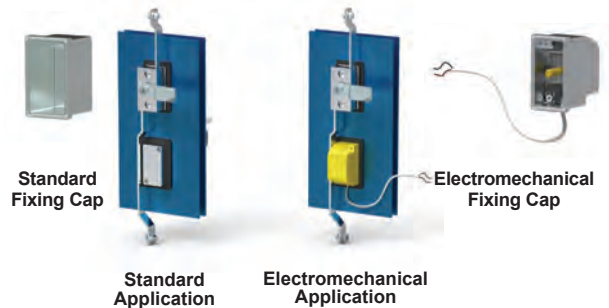
Specifications

- Material:
 Body: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
 Cover: Zinc Alloy DIN-EN 1774-ZnAl4Cu
 Mechanism: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
 Gasket: Polyurethane
- Finish: Black Powder Coated
- Voltage: 48 VDC
- Current: 500 mA
- High temperature resistance: 150°C
- Suitable to DIN V ENV 1630: 1999-04/WK2 standard

Features

- High security to protect your organization's data
- Compatible with access control systems
- All metal construction
- Special geometry provides anti-vandalism safety
- Improved corrosion resistance
- Double O-Ring used for handle provides improved IP rating
- High-security cylinder available
- Better IP rating with moving dust cap
- Applications: outdoor cabinets, telecommunication, kiosks, ATMs, electrical enclosures
- Two keys supplied with each latch

Simply changing the cover assembly is enough to switch from standard to electromechanical application



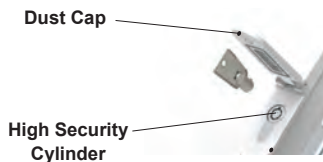
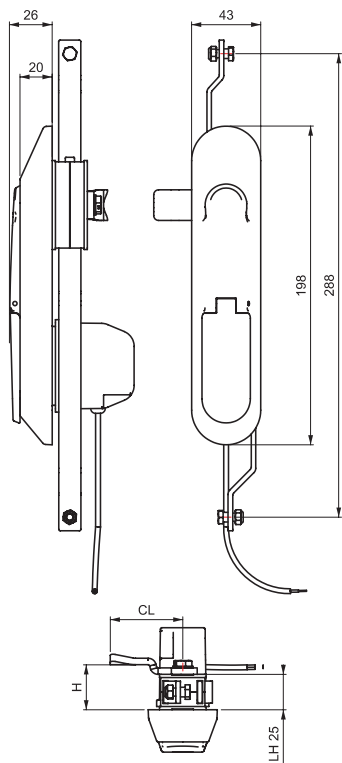
⚠ CAMS SOLD SEPARATELY. SEE PAGES 590 - 591, 594.

Item No.	Assembly Application	Cylinder Description
3105112122200	Inner Skin	Zinc Alloy (Keyed Alike)
3105112122300	Inner Skin	Zinc Alloy (Keyed Differ)
3105312122200	Outer Skin	Zinc Alloy (Keyed Alike)
3105312122300	Outer Skin	Zinc Alloy (Keyed Differ)



ELECTRONIC SWINGHANDLES

3106 Series Electronic Swinghandles Standard/Electromechanical

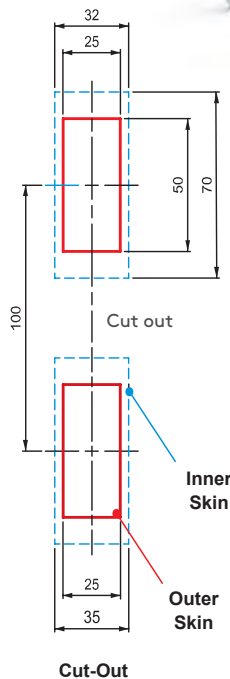


Specifications

- Material:
Body: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Cover: Zinc Alloy DIN-EN 1774-ZnAl4Cu
Mechanism: Zinc Alloy DIN-EN 1774-ZnAl4Cu1
Gasket: Polyurethane
- Voltage: 48 VDC
- Current: 500 mA
- High temperature resistance: 150°C
- Suitable to DIN V ENV 1630: 1999-04/WK2 standard

Features

- High security to protect your organization's data
- Compatible with access control systems
- All metal construction
- Special geometry provides anti-vandalism safety
- Improved corrosion resistance
- Double O-Ring used for handle provides improved IP rating
- High-security cylinder available
- Better IP rating with moving dust cap
- Applications: outdoor cabinets, telecommunication, kiosks, ATMs, electrical enclosures
- Two keys supplied with each latch



Assembly application



Lock Operating Principle Electronical and Mechanical



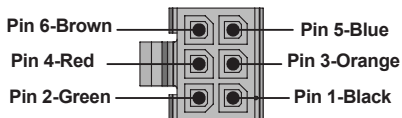
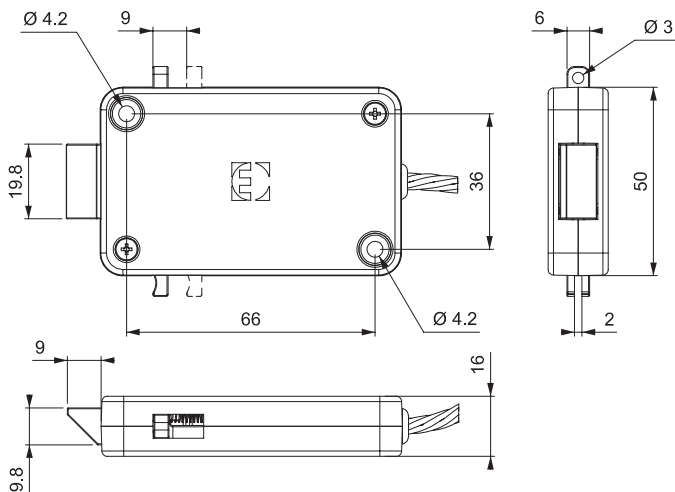
Electronic access options, remote control, card reader, etc., activate the lock. It is then ready to be opened by the mechanical key

⚠ CAMS SOLD SEPARATELY. SEE PAGES 592 - 593.

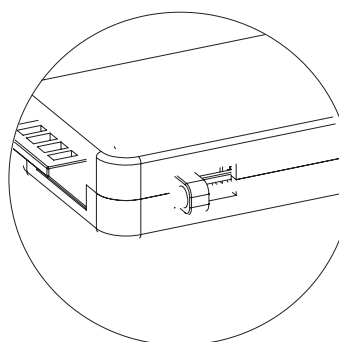
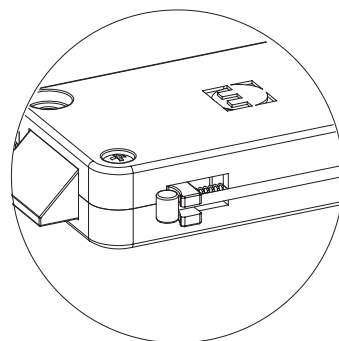
Item No.	Assembly Application	Cylinder Description
3106112122200	Inner Skin	Zinc Alloy (Keyed Alike)
3106112122300	Inner Skin	Zinc Alloy (Keyed Differ)
3106312122200	Outer Skin	Zinc Alloy (Keyed Alike)
3106312122300	Outer Skin	Zinc Alloy (Keyed Differ)



**3341 Series
Electronic Keeper**



Pins	Colors	
Pin 1	Black	GND
Pin 2	Green	12 Volt DC
Pin 3	Orange	Signal
Pin 4	Red	Microswitch COM
Pin 5	Blue	Microswitch NO
Pin 6	Brown	N/A



Two different mechanical override option

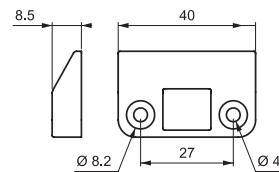
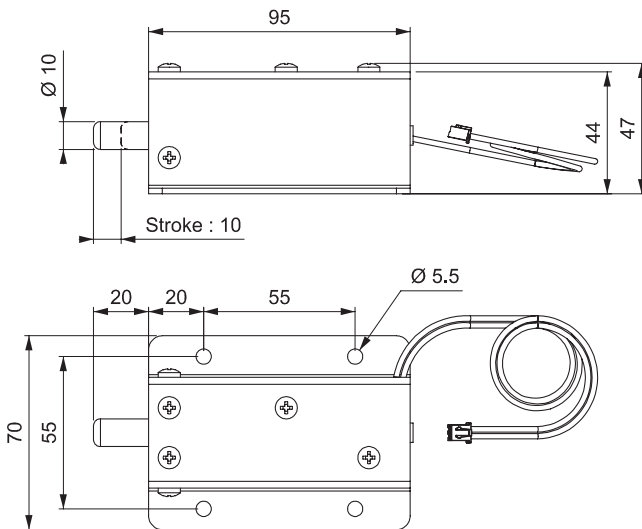
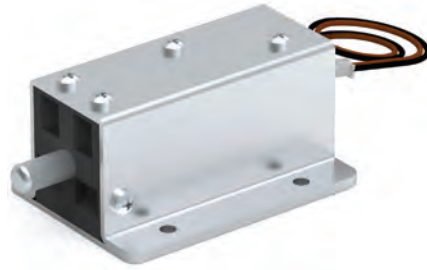
Specifications

- Material:
Body: Plastic
Cam: Zinc Alloy
- Cable length: 180 mm
- Operating voltage: 12 volt
- Current: Max 500 mA
- Stroke: 9 mm

Features

- Push to close
- 12 Volt DC supply voltage
- Two different mechanical override option
- Auto-locking
- Internal microswitch
- Microprocessor controlled gear motor
- Compatible with access control systems

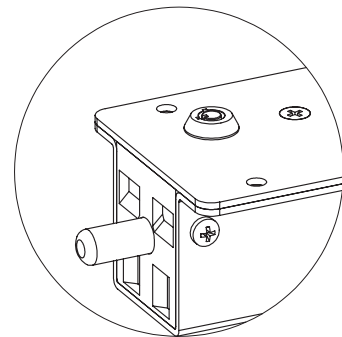
Item No.
3341

**3311 Series
Solenoid Lock****Bracket
Code: 30302223****Specifications**

- Material:
Body: Steel
Plunger: Steel
Bracket: Delrin
- Operating Voltage: 24 VDC
- Current Consumption: 550 mA
- Power Consumption: 13, 2 W
- Operating Temperature Range: -5°C to 40°C
- Cable Length: 30cm
- Stroke: 10mm

Features

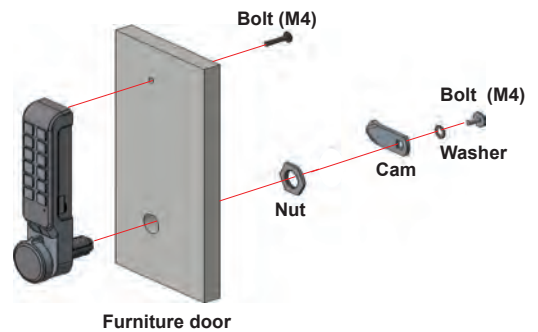
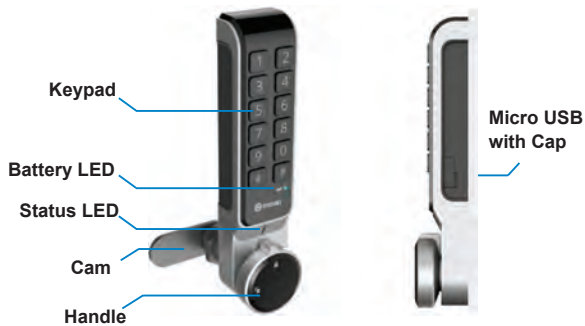
- Compatible with Access Control Systems
- Push to close with a special bracket
- Mechanical override option (version 2)
- Auto-locking
- DC type solenoid
- Resistance of solenoid varies with applied voltage
- Solenoid becomes hot (around 80°C) when continuously energized; precautions should be taken to prevent burns
- Please contact Essentra for different voltages, strokes or AC type of solenoids

**Mechanical override
with high security cylinder**

Item No.	Type	Mechanical Override Option
33111	1	No
33112	2	Yes



3204 Series Keypad Electronic Cabinet Locks

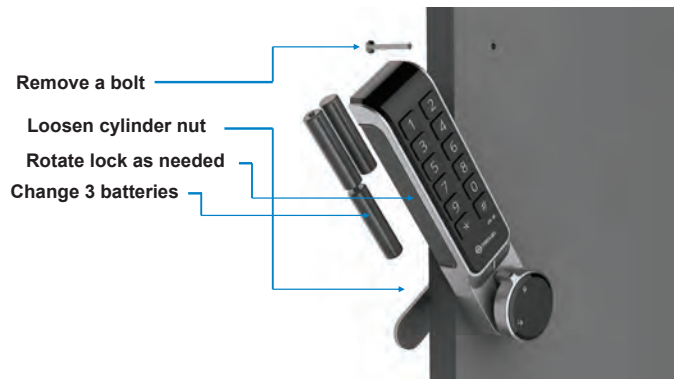


Specifications

- Material:
 - Body: Aluminum
 - Handle: Aluminum
 - Panel: Plastic
 - Cam: Steel
- Operating voltage: 3x1.5 V = 4.5 V
- Power source: 3 AAA alkali batteries
- Battery life: Approx. 1.5 years with 10 daily uses
- Password combination: 4 to 12 digits
- Work temperature: -20°C to 70°C
- Work humidity: 0 to 90% RH
- High-security

Features

- Electronic solution for improving security
- Ability to open with a password without a card and key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Multi-user support
- Micro USB emergency power supply
- Low battery level indicator
- For general or specialized use
- Easy installation, easy to use
- Security alarm
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools

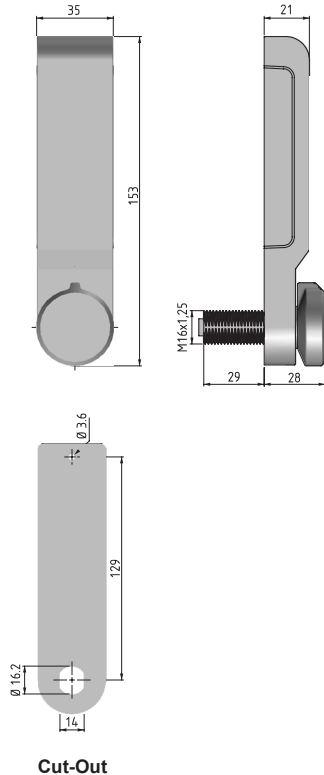


Changing Batteries



⚠ CAMS SOLD SEPARATELY. SEE PAGE 571, STYLE 1.

Item No.	Position
3204100	Horizontal
3204200	Vertical

**ELECTRONIC CABINET LOCKS****3205 Series
RFID Card Reader Electronic Cabinet Locks****Specifications**

- Material:
Body: Aluminum
Handle: Aluminum
Panel: Plastic
Cam: Steel
- Operating voltage: 3x1.5 V = 4.5 V
- Power source: 3 AAA alkali batteries
- Battery life: Approx. 1.5 years with 10 daily uses
- Work temperature: -20°C to 70°C
- Work humidity: 0 to 90% RH
- High-security
- RFID Card 13.56Mhz MIFARE - Standard ISO14443A available printed or unprinted, ordered separately

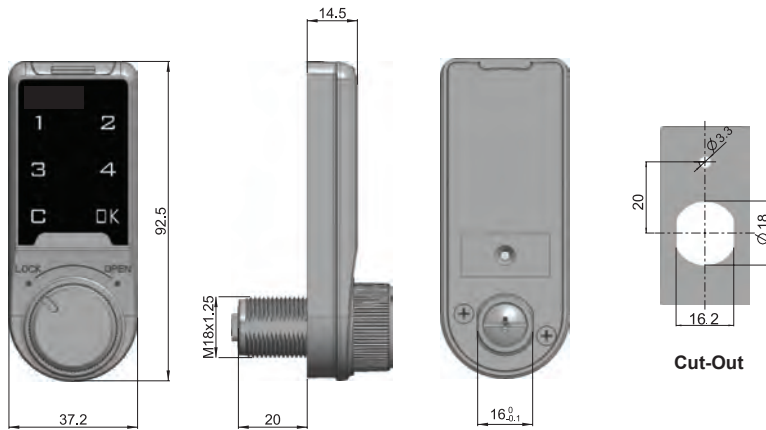
Features

- Electronic solution for improving security
- Ability to open with a RFID card without a key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Multi-user support
- Micro USB emergency power supply
- Low battery level indicator
- For general or specialized use
- Easy installation, easy to use
- Security alarm
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools
- Order Separately RFID cards: 34002639 (Printed), 34002640 (Unprinted)

⚠ CAMS SOLD SEPARATELY. SEE PAGE 571, STYLE 1.



Item No.	Position
3205100	Horizontal
3205200	Vertical

**3212 Series
Touch Panel Electronic Cabinet Locks****Specifications**

- Material:
 - Body: Aluminum
 - Handle: Aluminum
 - Cam: Steel
- Operating voltage: 2 V
- Power source: Cr2032 battery
- Battery life: Approx. 1.5 years with 10 daily uses
- Password combination: 1 to 15 digits
- Work temperature: -20°C to 70°C
- Work humidity: 0 to 90% RH
- High-security

Features

- Electronic solution for improving security
- Ability to open with a password without a card and key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Micro USB emergency power supply
- When the password has been forgotten, it is possible to remote control and USB-Key for solving the password
- Low battery level indicator
- For general or specialized use
- Auto-alarm will be activated when input wrong password 4 times and the lock will be dead for 60 seconds
- Easy installation, easy to use
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools

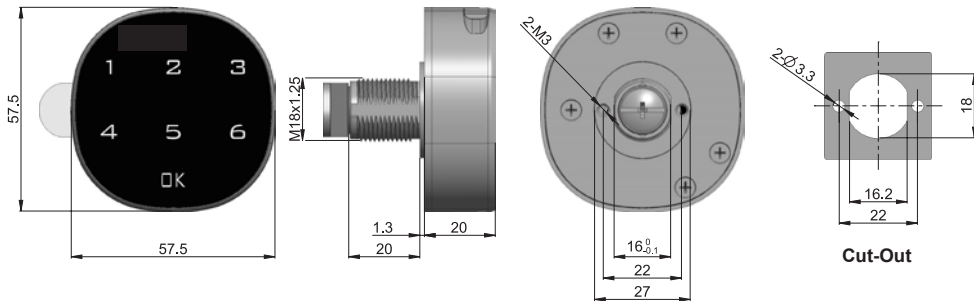
⚠ CAMS SOLD SEPARATELY. SEE PAGE 571, STYLE 1.



Item
No.
321200



3213 Series Touch Panel Electronic Cabinet Locks



Specifications

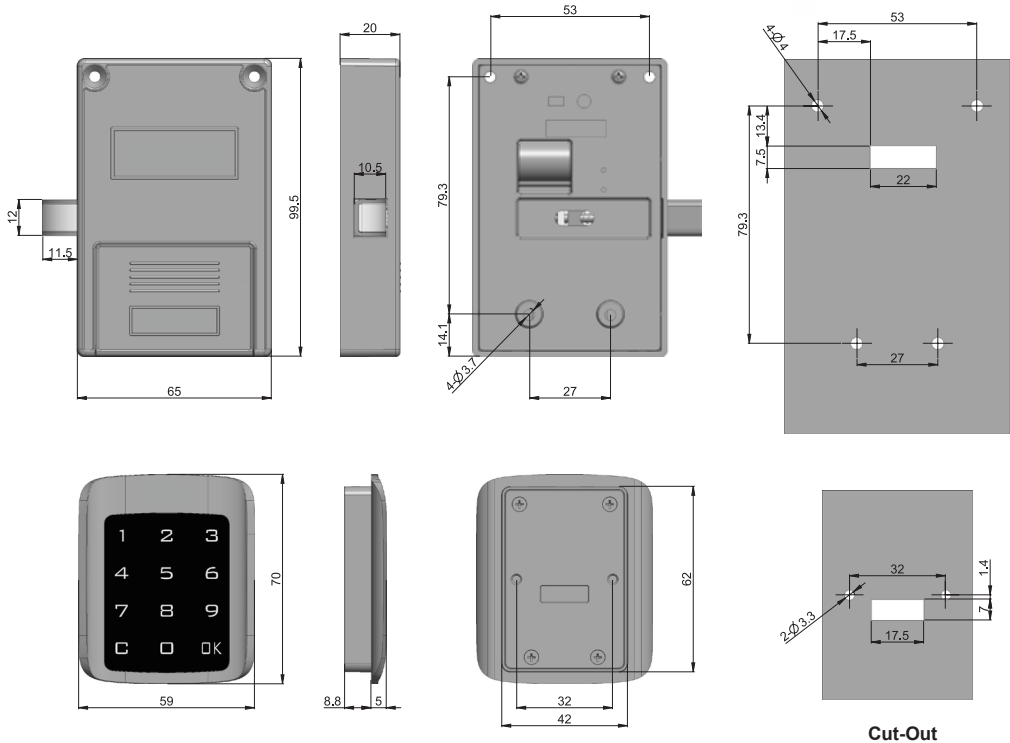
- Material:
Body: Aluminum
Cam: Steel
- Operating voltage: 3 V
- Power source: Cr2032 battery
- Battery life: Approx. 1.5 years with 10 daily uses
- Password combination: 1 to 15 digits
- Work temperature: -20°C to 70°C
- Work humidity: 0 to 90% RH
- High-security

Features

- Electronic solution for improving security
- Ability to open with a password without a card and key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Micro USB emergency power supply
- When the password has been forgotten, it is possible to remote control and USB-Key for solving the password
- Low battery level indicator
- For general or specialized use
- Auto-alarm will be activated when input wrong password 4 times and the lock will be dead for 60 seconds
- Easy installation, easy to use
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools

⚠ CAMS SOLD SEPARATELY. SEE PAGE 571, STYLE 1.

Item
No.
321300

**3214 Series
Touch Panel Electronic Cabinet Locks****Specifications**

- Material:
Body: Plastic
Cam: Steel
- Operating voltage: 3x1.5 V = 4.5 V
- Power source: 3xAAA Alkali battery
- Battery life: Approx. 1.5 years with 10 daily uses
- Password combination: 1 to 15 digits
- Work temperature: -20°C to 70°C
- Work humidity: 0 to 90% RH
- High-security

Features

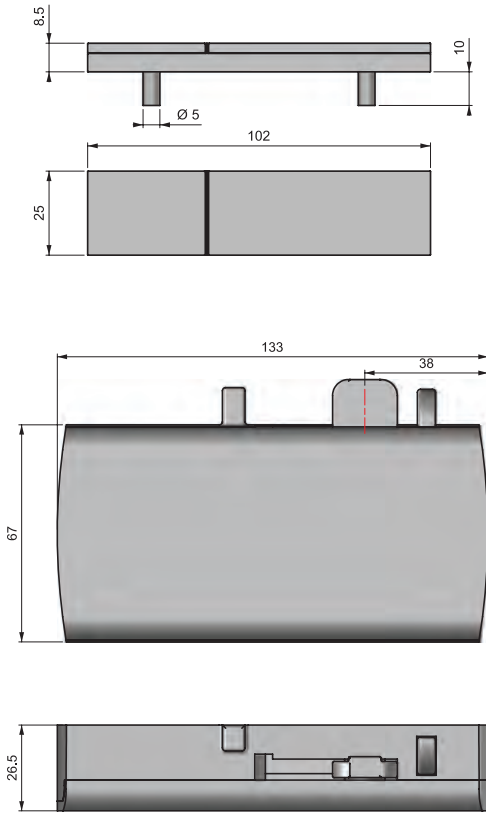
- Electronic solution for improving security
- Ability to open with a password without a card and key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Micro USB emergency power supply
- When the password has been forgotten, it is possible to remote control and USB-Key for solving the password
- Low battery level indicator
- For general or specialized use
- Auto-alarm will be activated when input wrong password 4 times and the lock will be dead for 60 seconds
- Easy installation, easy to use
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools

Item
No.

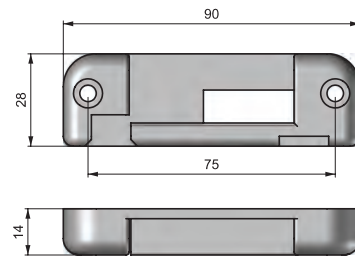
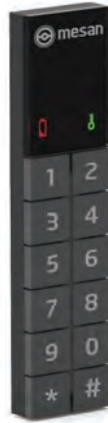
3214



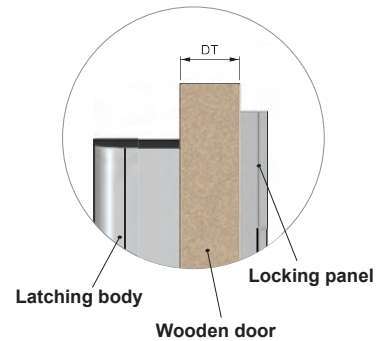
**3202 Series
Keypad Electronic Cabinet Locks**



Latching body



Bracket

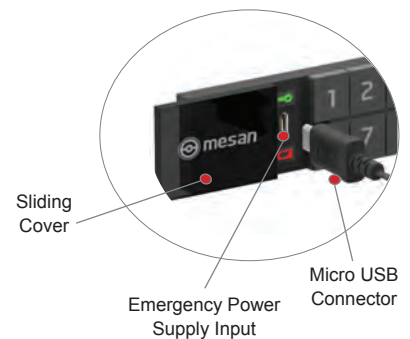


Specifications

- Material:
Body: Plastic
Latching Body: Plastic
Gasket: Rubber
Cam: Steel
- Operating voltage: 3x1.5 V = 4.5 V
- Power source: 3xAAA Alkali battery
- Battery life: Approx. 1.5 years with 10 daily uses
- Password combination: 4 to 12 digits
- Work temperature: -15°C to 55°C
- Work humidity: 0 to 90% RH
- High-security

Features

- Electronic solution for improving security
- Ability to open with a password without a card and key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Multi-user support
- Micro USB emergency power supply input behind sliding cover
- When the password has been forgotten, it is possible to remote control and USB-Key for solving the password
- Low battery level indicator
- For general or specialized use
- Security alarm
- Easy installation, easy to use
- Melody yes/no adjustment
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools



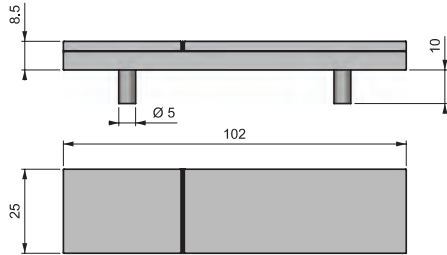
When battery is dead, slide the cover and the lock can be opened with the Micro USB connector.

Item No.	Position	Door Thickness	
		Min	Max
32021	Horizontal	11	27
32032	Vertical	11	27

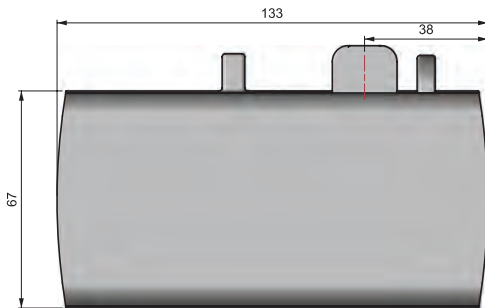


ELECTRONIC CABINET LOCKS

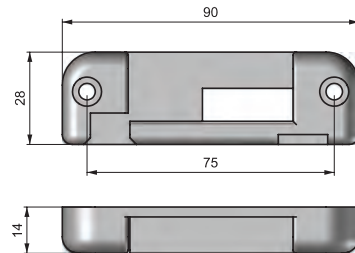
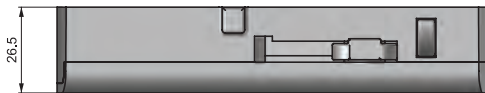
3203 Series Keypad Electronic Cabinet Locks



Lock panel



Latching body



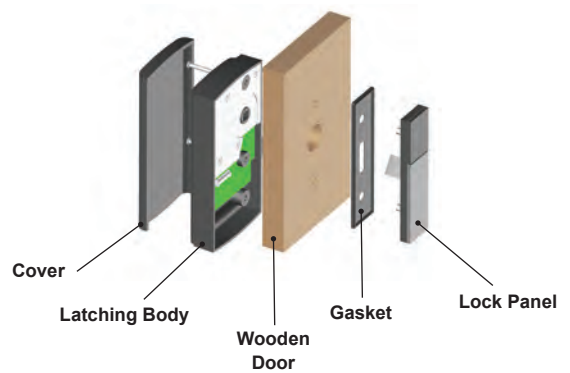
Bracket

Specifications

- Material:
 - Body: Plastic
 - Latching Body: Plastic
 - Gasket: Rubber
 - Cam: Steel
- Operating voltage: 3x1.5 V = 4.5 V
- Power source: 3xAAA Alkali battery
- Battery life: Approx. 1.5 years with 10 daily uses
- Work temperature: -15°C to 55°C
- Work humidity: 0 to 90% RH
- RFID Card 13.56Mhz MIFARE - Standard ISO14443A available printed or unprinted, ordered separately
- High-security

Features

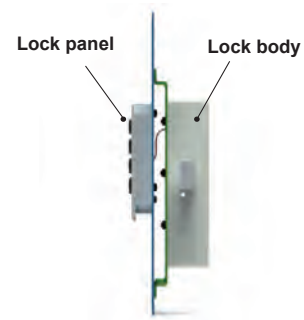
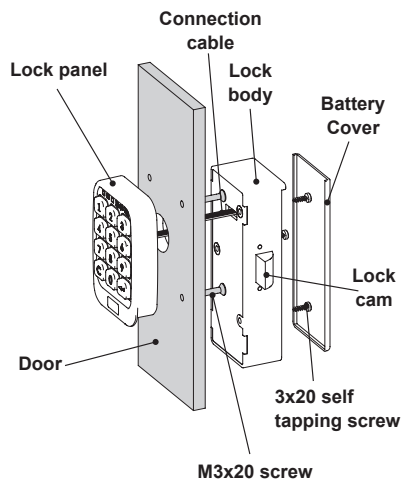
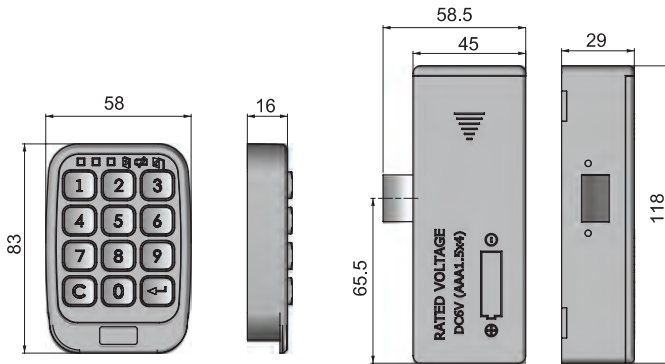
- Electronic solution for improving security
- Ability to open with a RFID card without key
- Elegant design suitable for office environments; stylish visual-warning LEDs
- Multi-user support
- Micro USB emergency power supply input behind sliding cover
- Low battery level indicator
- For general or specialized use
- Security alarm
- Easy installation, easy to use
- Melody yes/no adjustment
- Instructions for use, installation dimensions, and more information is available in instruction book included with the lock
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools



Item No.	Position	Door Thickness (mm)	
		Min	Max
32031	Horizontal	11	27
32032	Vertical	11	27



3201 Series Keypad Electronic Cabinet Lock



Specifications

- Material:
 - Lock Panel: Zinc Only
 - Keys: Plastic
 - Lock Body: Plastic
 - Cam: Zinc Only
- Digital password: ≥ 4 , ≤ 10
- Power source: 4 AAA alkaline batteries
- Static current: $< 220\text{mA}$
- Alarm power: $< 4.7\text{V}$
- Memory capacity: 4160 bit
- Work temperature: -25°C to 65°C
- Store temperature: -25°C to 85°C
- Store time: > 10 years
- Change: 1,000,000 times
- Work humidity: 5 to 95% RH (no condensation)

Features

- Electronic solution for improving security
- Input password to open door; no need for card or key
- Two types:
 - Public with temporary password
 - Private with permanent password
- Two management levels:
 - Master code
 - User code
- Low power alarm; the lock will indicate when the battery has insufficient power
- Emergency open; external power supply can be used via a socket in the lock if sufficient battery power is not available
- Applications: various cabinets or lockers in sauna areas, spas, gyms, offices, schools
- Instructions for use, installation dimensions, etc. included in the instruction book with the lock

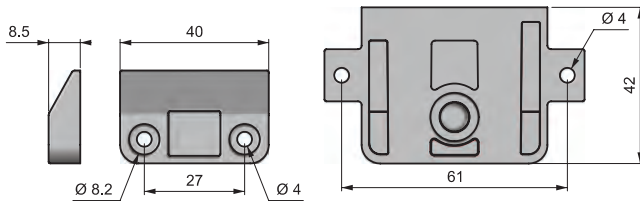
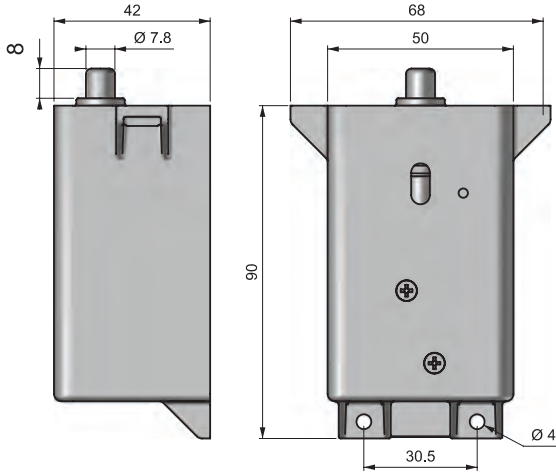


External power socket

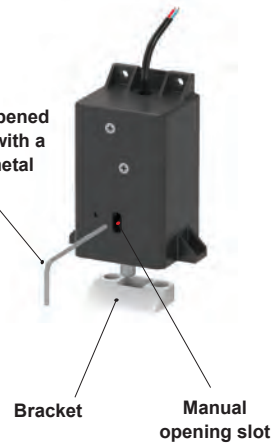


External power supply
product code:
340.0.2643
(Order separately)

Item
No.
3201

**ELECTRONIC CABINET LOCKS****3301 Series****Remote Control Electronic Cabinet Lock**

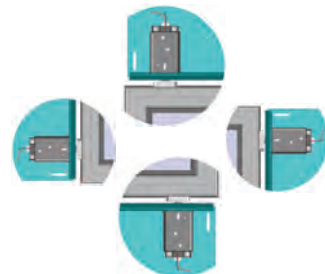
Lock can be opened mechanically with a piece of thin metal

**Specifications**

- Material:
Body: Plastic
Plunger: Steel
Bracket: Delrin
- Input voltage: 12 V to 18 V
- Output current: 650 mA x2
- Working voltage: 220 V AC (with a special transformer)
- RF frequency: 433.92 MHz
- Work temperature: -25°C to 70°C
- Control: Microprocessor
- Cable length: 70 cm
- Alert type: Buzzer
- Stroke: 8 mm
- Identification: Master, remote control
- Locking security: Watchdog

Features

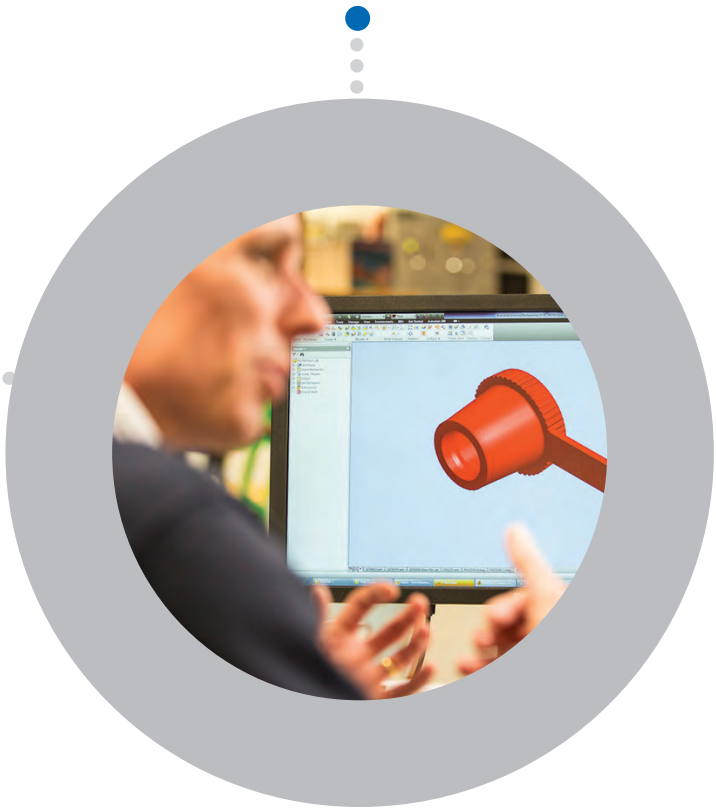
- Electronic solution for improving security
- Open and close remote control
- Manual opening in case of power outage
- New remote control identification with a master remote control
- More than one lock can be controlled by one remote control or vice versa
- More than one remote control can control one lock
- Applications: coolers, fridges, electric panels, cabinets

**Multidirectional Application**

Item
No.
3301



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