

# ACCESS HARDWARE



	COMPRESSION LATCHES .....	358 - 369
	QTR-TURN & SPRING LOADED CAM LATCHES.....	370 - 393
	SWINGHANDLE LATCHES .....	394 - 402
	LIFT & TURN SWELL LATCHES.....	403 - 405
	ACCESSORIES, CAMS, DRIVERS & KEYS .....	406 - 418
	HEAVY DUTY LATCHES .....	419 - 430
	SLIDING LATCHES & CLAMPS.....	431 - 433
	ROTARY LATCHES.....	434 - 435
	SPECIALTY LATCHES & TOGGLE CLAMPS .....	436 - 444
	GASKETING .....	445 - 446
	SURFACE MOUNT HINGES .....	448 - 470
	SIDE MOUNT HINGES .....	471 - 479
	CORNER MOUNT HINGES .....	480 - 487
	CONCEALED & SPRING LOADED HINGES .....	488 - 500
	CATCHES & PANEL FASTENERS.....	501 - 505

# 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



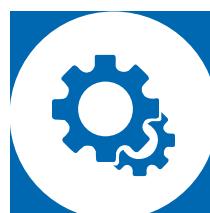
Indoor & Outdoor Cabinets



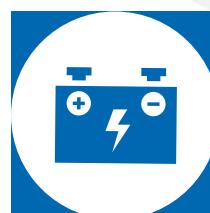
IT Cabinets



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.



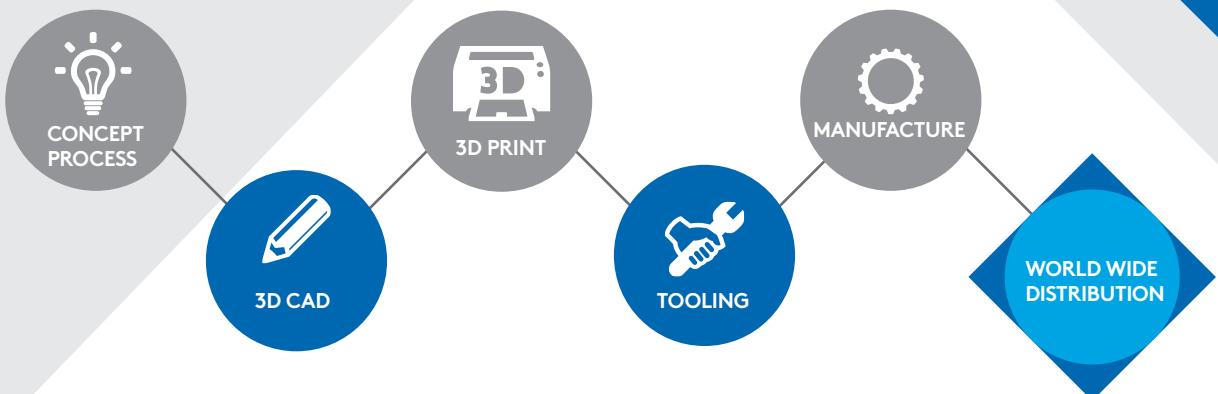
## Capabilities

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



## R&D

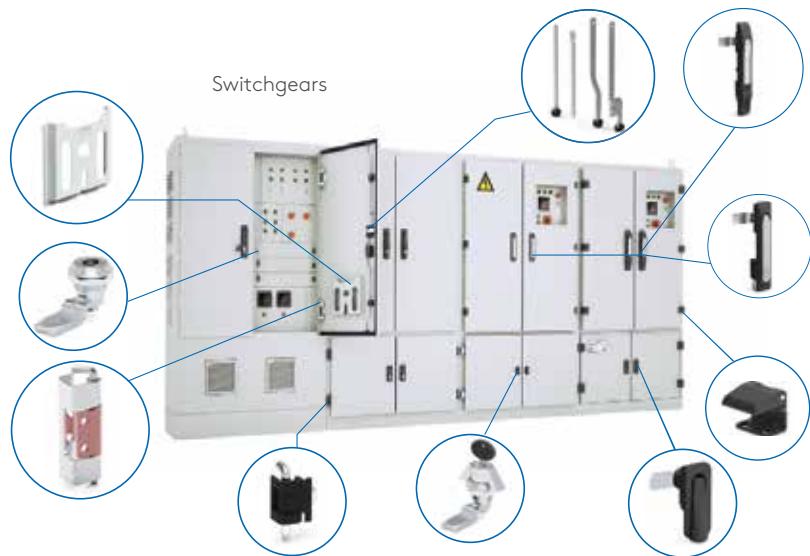
Facilitated by our state of the art R&D facilities we are constantly pursuing innovation to offer new and alternative solutions to you and your customers everyday problems.





## 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.



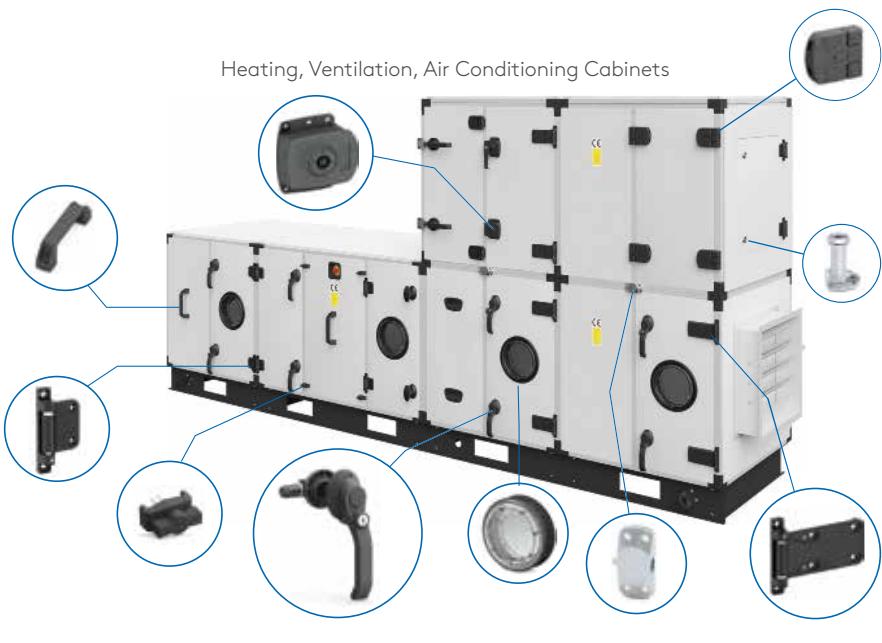
## Transformers

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

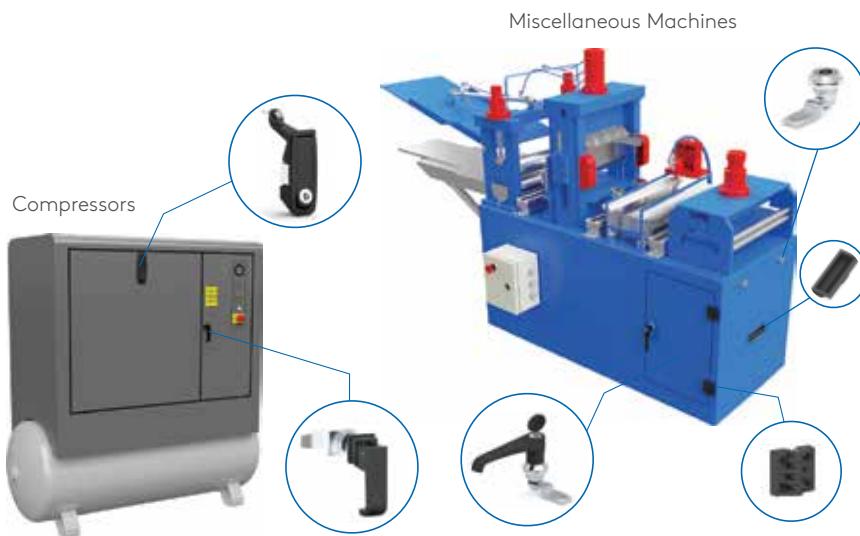
Outdoor HVAC cabinets need to cope with the differing environments in which they are used while ergonomics, functionality and modular system solutions are more common requirements. Our solutions are designed with this in mind so no matter the application, our offering will meet your needs.



## Diversified Applications

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





## 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.



## ELECTRONIC LOCKING SYSTEM

### 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.

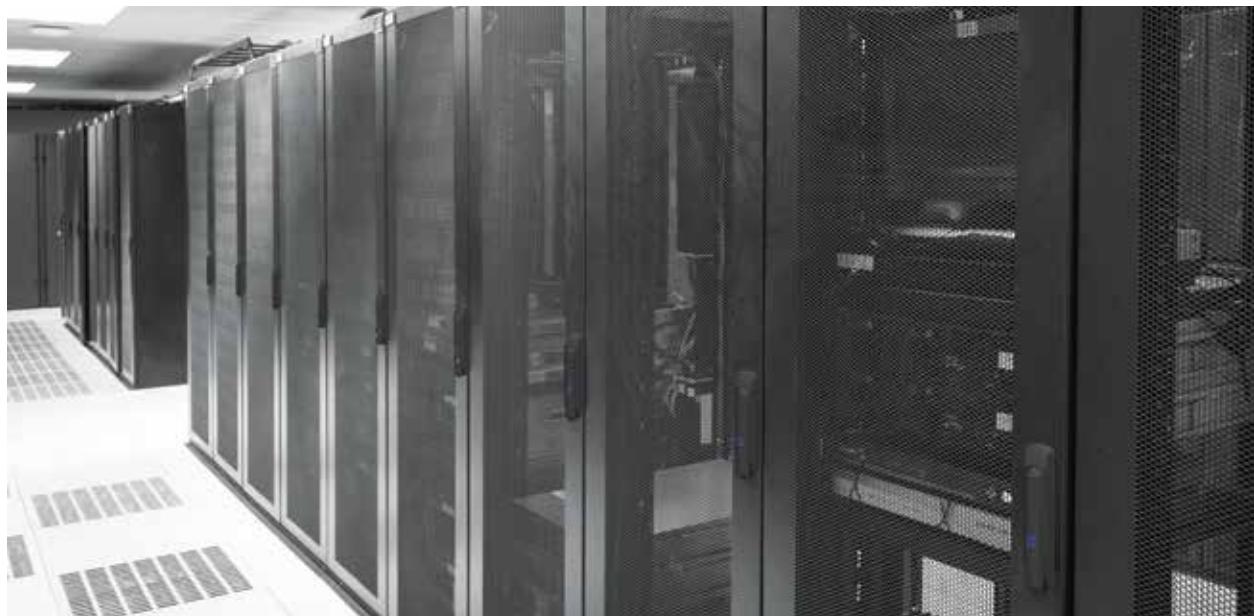
We have developed an integrated access control system called ELS.

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



Standalone Access Interfaces



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

ACU: Access Control Unit

ACU Plus: Access Control Unit

AIK: Access Interface Keypad

AIP: Access Interface Proximity

Electronic Swinghandles



Other Electromechanical Locks

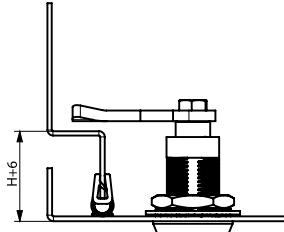


For all Electronic Locking Systems (ELS) and Solutions, please contact Essentra for details.

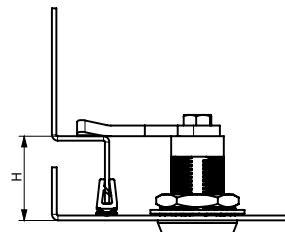
## COMPRESSION LATCHES

## 040 Series

## Fixed Compression Latches &amp; 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 416.**

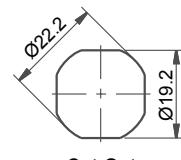
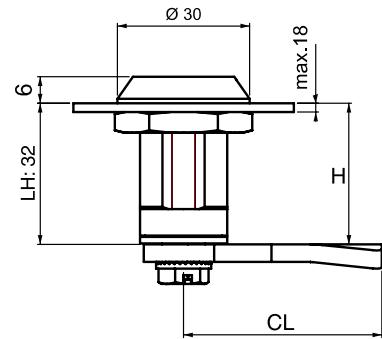
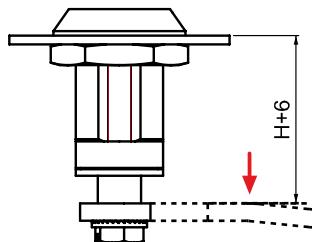
**⚠ CAMS SOLD SEPARATELY. SEE PAGES 412 - 413.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**



## Round Spurred Lock Washer - Optional

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



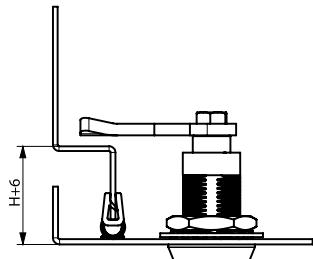
Driver Style					
13	37	42	68	93	94
3mm Double Bit	7mm Triangle	2 x 4mm Slot	8mm Hex	Tubular Key	Wing Knob

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

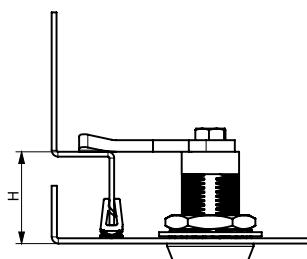


## 040 Series

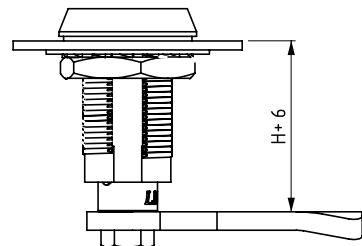
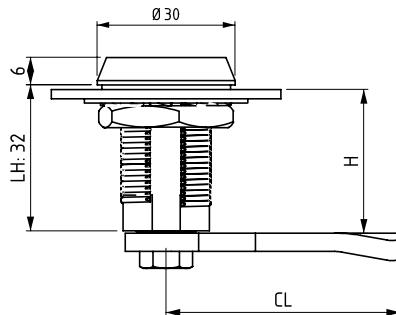
## Fixed Compression Latches &amp; Locks - Stainless Steel



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



Further key rotation 180° applies 6mm compression

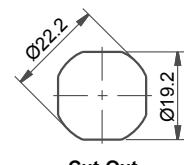


## Specifications:

- 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 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGE 414.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

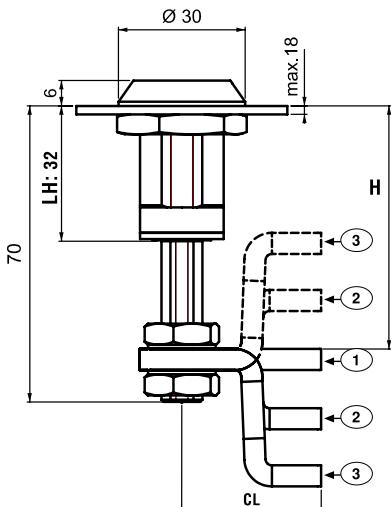
Driver Style				
13	28	37	42	88
3mm Double Bit	8mm Square	7mm Triangle	2 x 4mm Slot	Railway

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

## COMPRESSION LATCHES

## 040 Series

## Adjustable Compression Latches &amp; Locks

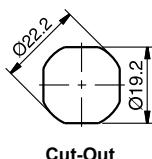


## Specifications:

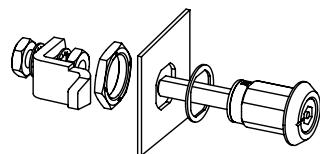
- Material:
  - Housing: Zinc Alloy
  - Driver: Zinc Alloy
  - Cam: Steel
  - Washer: Rubber
- Finish: See Table

## Features:

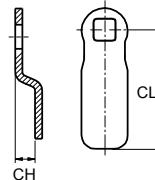
- Wide Grip range with adjustable screw
- Latch provides good compression, noise dampening and better sealing under vibration condition
- Provides 6mm preset compression
- Lock is vibration and shock rated per DIN-EN 61373
- Housing and driver is DIN-EN 1774 rated
- Alternate cut-out available, contact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



Cut-Out



## Cams Without Stoppers



## Specifications:

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

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

\*Grip is measured in latched position



## Round Spurred Lock Washer - Optional

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

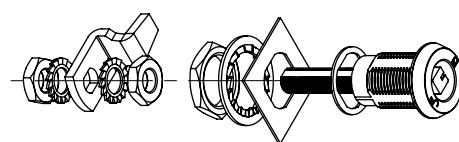
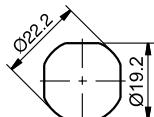
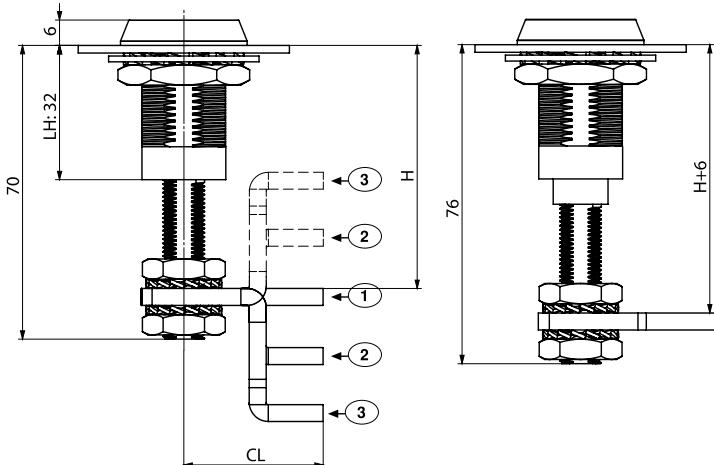
Driver Style						
13	27	37	42	68	93	94
3mm Double Bit	7mm Square	7mm Triangle	2 x 4mm Slot	8mm Hex	Tubular Key	Wing Knob

Item No.						
Chrome Plated	Black Powder Coated	Driver Style	Driver Description	Hand Operation		
—	040412130001	13	3mm Double Bit	Right		
040411130002	040412130002	13	3mm Double Bit	Left		
—	040412270001	27	7mm Square	Right		
—	040412270002	27	7mm Square	Left		
—	040412370001	37	7mm Triangle	Right		
—	040412370002	37	7mm Triangle	Left		
—	040412420001	42	2 x 4mm Slot	Right		
—	040412420002	42	2 x 4mm Slot	Left		
040411680001	040412680001	68	8mm Hex	Right		
040411680002	040412680002	68	8mm Hex	Left		
040411930001	040412930001	93	Tubular Key	Right		
040411930002	040412930002	93	Tubular Key	Left		
040411940001	040412940001	94	Wing Knob	Right		
040411940002	040412940002	94	Wing Knob	Left		



## 040 Series

## Adjustable Compression Latches &amp; Locks - Stainless Steel



## 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 416.**

**⚠ CAMS SOLD SEPARATELY. See Table >>**

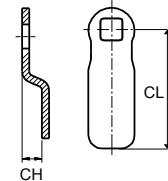
**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**



## Round Spurred Lock Washer - Optional

- Item No. 060A3
- Ideal for round through hole installation
- Included with Stainless Steel version

## Cams Without Stoppers



## Specifications:

- 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	
30405566	② Offset	14	33	Reversed	27	44	
304035567	③ Offset	27.5	33	Forward	55	72	
				Reversed	13.5	30.5	
				Forward	68	85	

\*Grip is measured in latched position

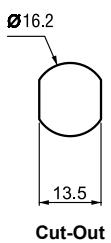
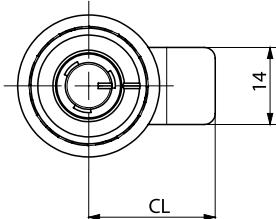
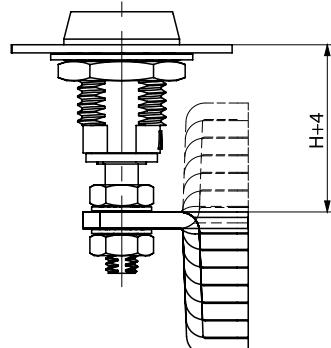
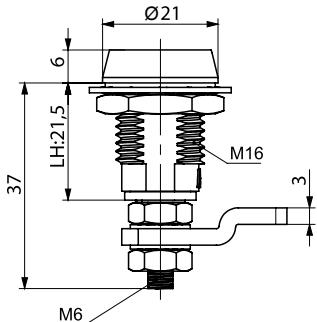
Driver Style				
13	28	37	42	88
3mm Double Bit	8mm Square	7mm Triangle	2 x 4mm Slot	Railway

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

## COMPRESSION LATCHES

## 140 Series

## Mini Adjustable Compression Latches &amp; 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

**⚠ FOR ALTERNATE DRIVERS SEE PAGE 416.**

**⚠ CAMS SOLD SEPARATELY. See Table >>**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**



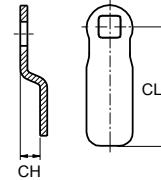
## Dust Cap - Optional

- Item No. 140A1
- Ordered separately

## Cams Without Stoppers

## Specifications:

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



Item No.	Cam Type	CH	CL	Position	H Grip*	
					Min	Max
30403606	Flat	0	23	Cam Straight	26.2	29.4
30403607	Offset	1.0	23	Reversed	25.2	28.4
				Forward	27.2	30.4
30403608	Offset	3.8	23	Reversed	22.4	25.6
				Forward	30.0	33.2
30403609	Offset	7.0	23	Reversed	19.2	22.4
				Forward	33.2	36.4
30403610	Offset	10.2	23	Reversed	16.0	19.2
				Forward	36.4	39.6
30403611	Offset	13.4	23	Reversed	12.8	16.0
				Forward	39.6	42.8
30403612	Offset	16.6	23	Reversed	9.6	12.8
				Forward	42.8	46.0
30403613	Offset	19.8	23	Reversed	6.4	9.6
				Forward	46.0	49.2
30403614	Offset	23.0	23	Reversed	3.2	6.4
				Forward	49.2	52.4

\*Grip is measured in latched position

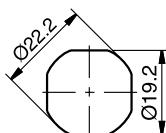
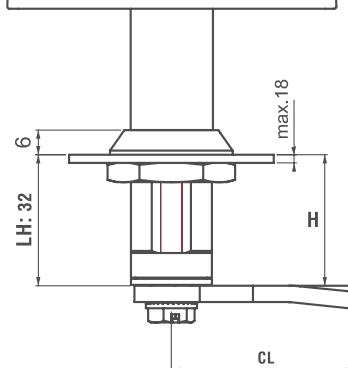
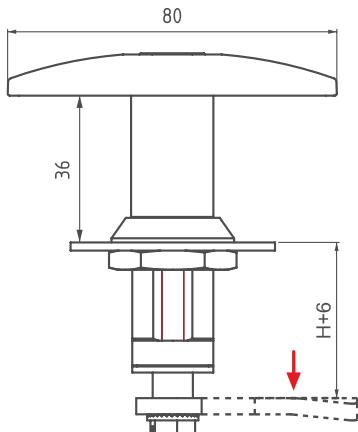
Driver Style			
45	64	93	94
Slot	4mm Hexagon	Tubular Key	Wing Knob

Item No.			
Chrome Plated	Black Powder Coated	Driver Style	Driver Description
140114500	140124500	45	Slot
140116400	140126400	64	4mm Hexagon
140119300	140129300	93	Tubular Key
140119400	140129400	94	Wing Knob



## 240 Series

## Compression Latches - 'T' Handle Fixed 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:

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

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 412 - 413.**



## 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
2403110000	2403120000	No Cylinder
2403110700	2403120700	CH 751 (Stainless Steel Shutter)



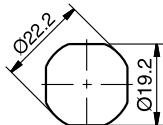
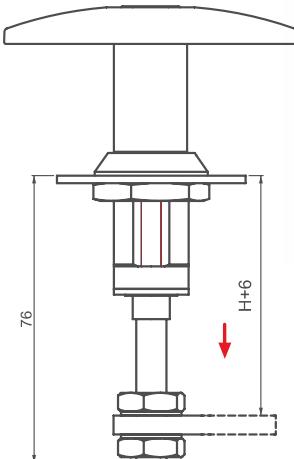
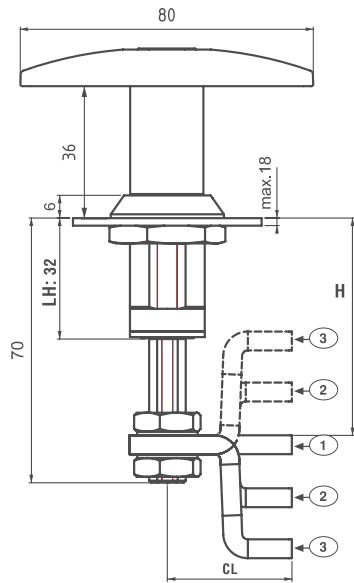
# CUSTOM SOLUTIONS AVAILABLE

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

## 240 Series

## Compression Latches - Adjustable 'T' Handle Locks



Cut-Out

## Specifications:

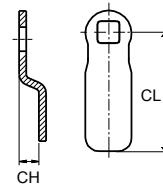
- Material:
- Housing: Zinc Alloy
- Handle: Zinc Alloy
- Cam: Steel
- Gasket: Rubber
- Finish: See Table
- Housing and Handle are DIN-EN 1774 rated
- Two keys supplied with every lock

## 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
30403567	③ Offset	27.5	33	Forward	55	72
				Reversed	13.5	30.5
				Forward	68	85

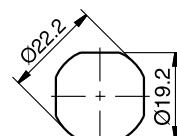
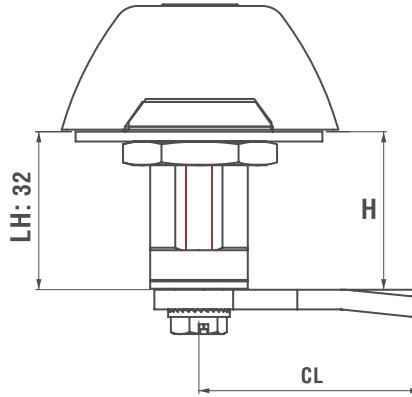
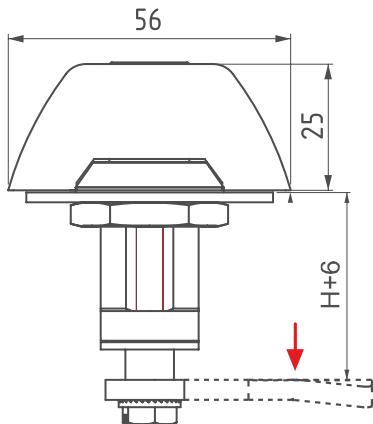
\*Grip is measured in latched position

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



## 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 PAGES 412 - 413.**



## Round Spurred Lock Washer - Optional

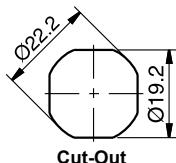
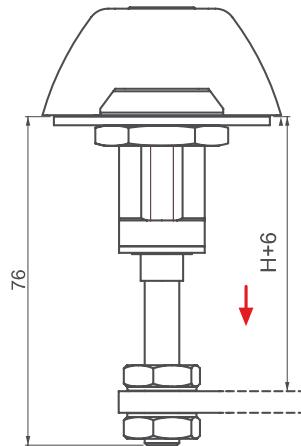
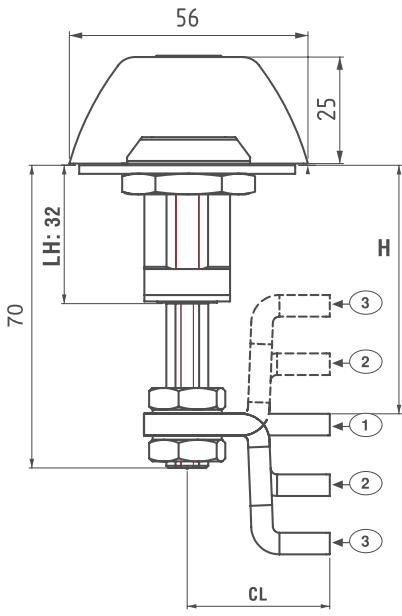
- Item No. 060A3
- Ideal for round through hole installation
- Ordered separately

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

## COMPRESSION LATCHES

## 340 Series

## Compression Latches - Wing Knob Adjustable Locks



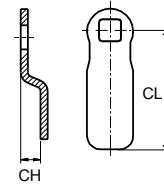
## Specifications:

- 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 Without Stoppers



## Specifications:

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

**⚠ CAMS SOLD SEPARATELY. See Table >>**



## Round Spurred Lock Washer - Optional

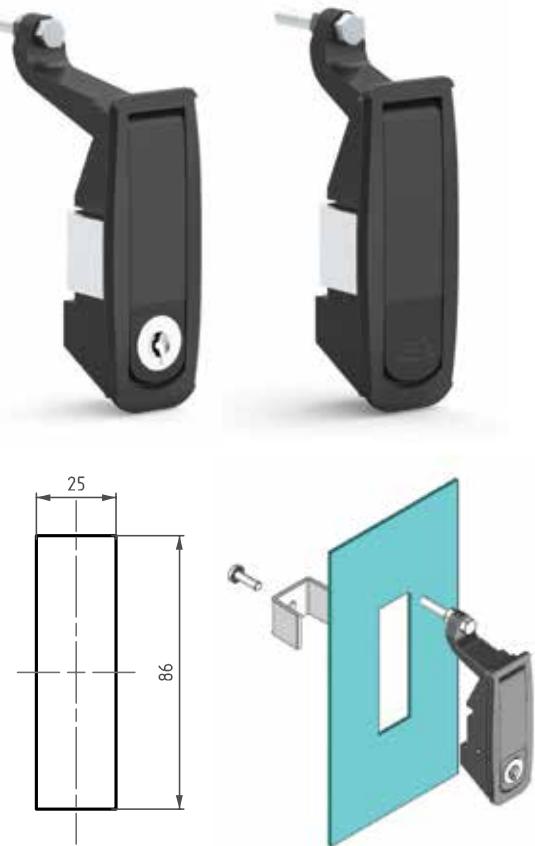
- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

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	
30403567	③ Offset	27.5	33	Forward	55	72	
				Reversed	13.5	30.5	
				Forward	68	85	

Item No.			Cylinder Description		
Chrome Plated	Black Powder Coated				
3404110000	3404120000				No Cylinder
3404110700	3404120700				CH 751 (Stainless Steel Shutter)

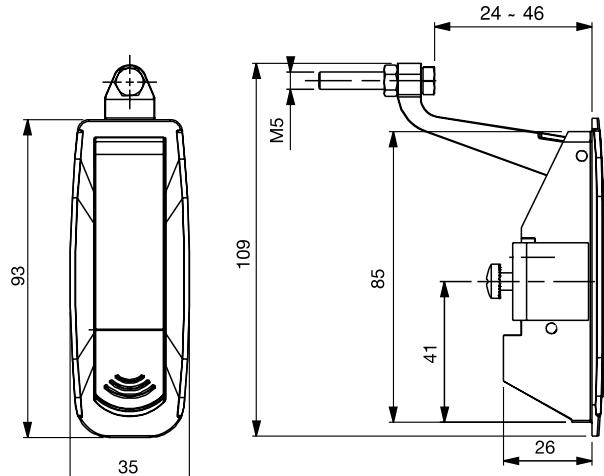


**077 Series**  
**Compression Latches / Flush Trigger Locks**

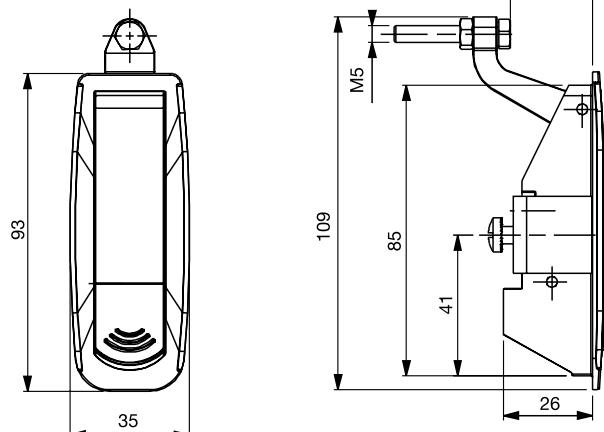


Cut-Out

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

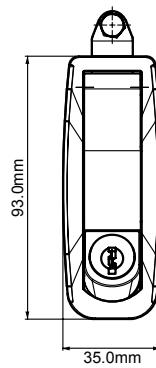
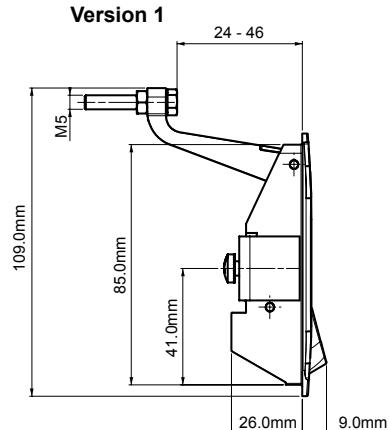
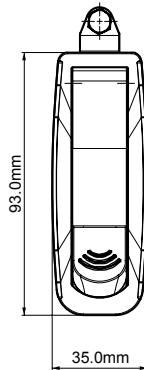
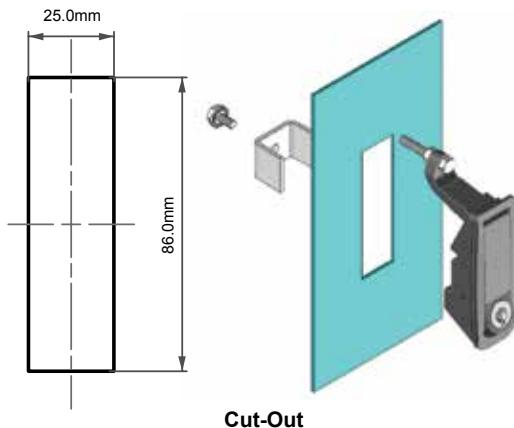
## Features:

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

Item No.	Finish	Version	Grip Adjustment		Cylinder / Driver Description
			mm	Cylinder or Driver	
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)
0771242	Black Powder Coated	1	24 - 46	Driver	Slot (2 x 4mm)
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)
0772242	Black Powder Coated	2	0 - 24	Driver	Slot (2 x 4mm)

## COMPRESSION LATCHES

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.			Grip Adjustment	Cylinder or Driver	Cylinder / Driver Description
Chrome Plated	Black Powder Coated	Version			
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)

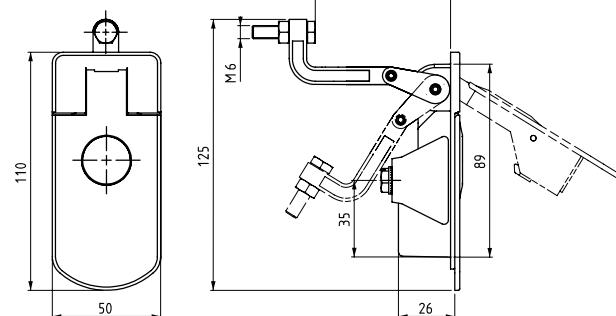
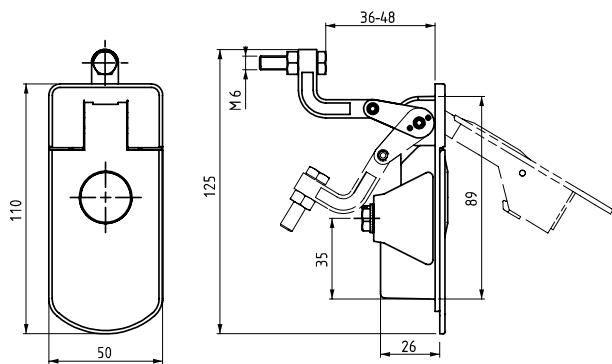


**377 Series**  
**Compression Latch - Adjustable Grip**

Version 1



Version 2

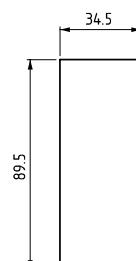


## Specifications:

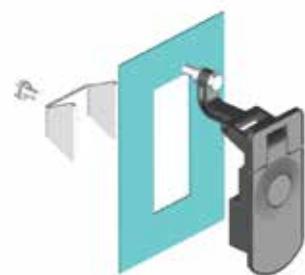
- Material:
  - Body: Zinc Alloy
  - Handle: Zinc Alloy
  - Fixing Bracket: Steel
  - Dust Cap: Stainless Steel
- Finish: Black Powder Coated
- Latch is DIN-EN 1774 rated
- Two keys supplied with every lock

## 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

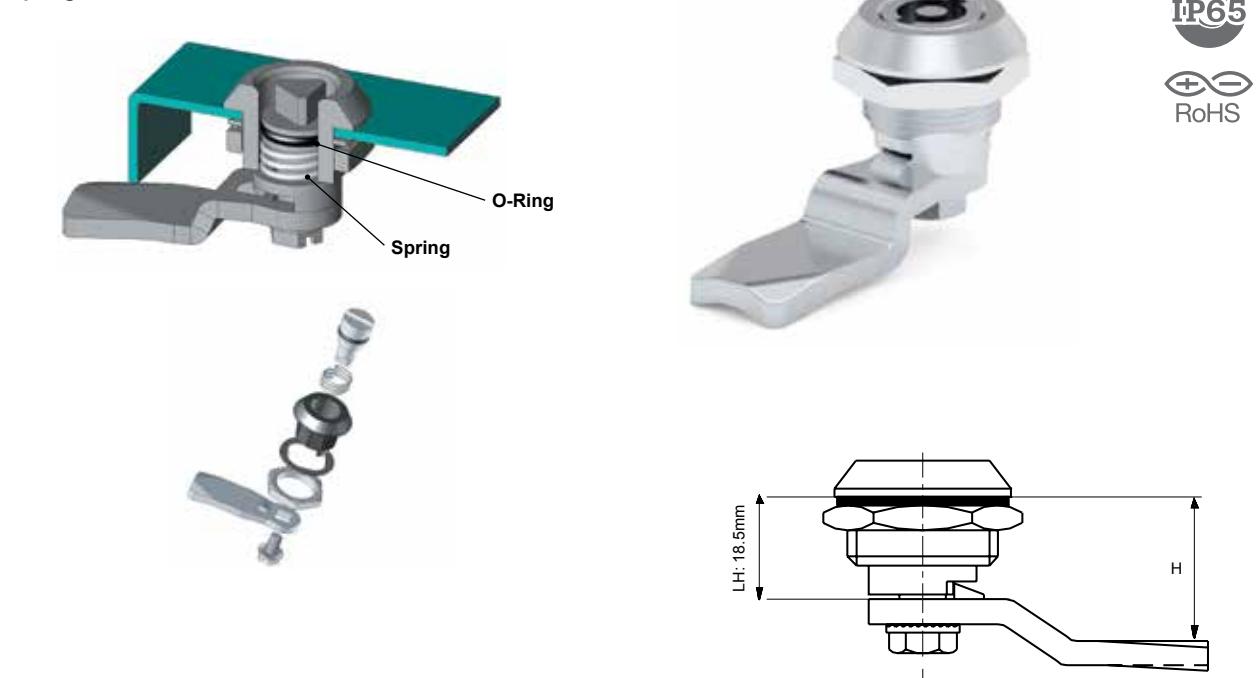


Item No.	Version	Cylinder Description
3771200	1	No Cylinder
3771203	1	Keyed Alike with Stainless Steel Shutter
3771232	1	Keyed Different with Stainless Steel Shutter
3771207	1	CH751 (Stainless Steel Shutter)
3772200	2	No Cylinder
3772203	2	Keyed Alike with Stainless Steel Shutter
3772232	2	Keyed Different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

## CAM LATCHES

## 060 Series

## Spring Loaded Latches &amp; Locks



## 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

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

Driver Style					
13 3mm Double Bit	15 5mm Double Bit	28 8mm Square	37 7mm Triangle	38 8mm Triangle	42 2 x 4mm Slot
Driver Style					
52 Slot	61 10mm Hex Female	68 8mm Hex Female	88 Railway	97 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	

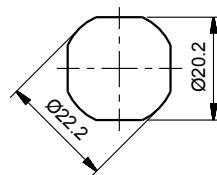
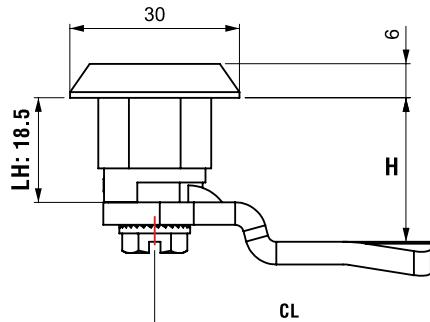


**461 Series**  
**Secure Quarter Turn Latches & Locks**



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 410 - 411.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

**Driver Style**

**15**

5mm Double Bit



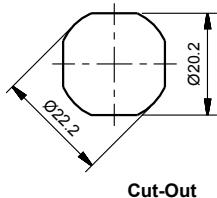
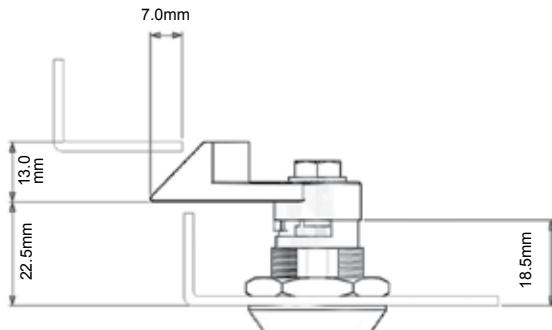
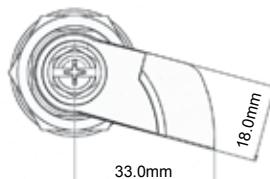
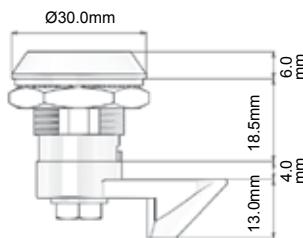
Item No.	Driver Style	Driver Description	Hand Operation
461111150001	15	5mm Double Bit	Right Hand
461111150002	15	5mm Double Bit	Left Hand



## CAM LATCHES

### 160 Series

#### Quarter Turn Spring Cam Latch / Lock



#### Specifications:

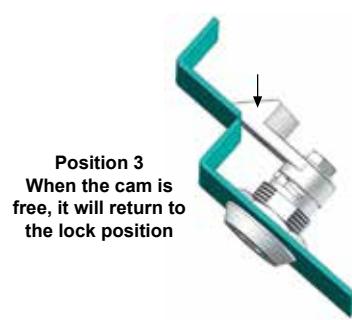
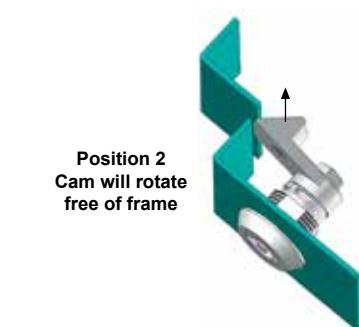
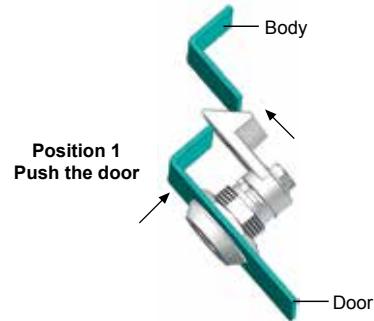
- Material:
  - Housing: Zinc Alloy
  - Drivers: Zinc Alloy
  - Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Spring loaded cam is included

#### 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 416.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**



Driver Style	
13	15
3mm Double Bit	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



## 066 Series

## Mini Quarter Turn Latches - Spring Loaded Locks

## Specifications:

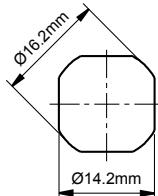
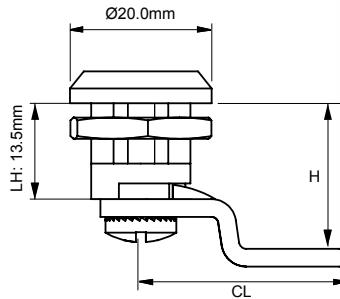
- Material:
  - Housing: Zinc Alloy
  - Driver: Zinc Alloy
  - Cam: Steel
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated

## 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 415.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418. Cut-Out**



Driver Style
26
6mm Square



Driver Style
37
7mm Triangle



Driver Style
42
2 x 4mm Slot



## Item No.

Chrome Plated	Black Powder Coated	Driver Style	Driver Description
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

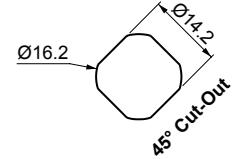
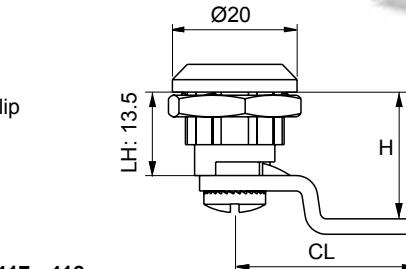
## Features:

- 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 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 415.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**



Driver Style
26
6mm Square



Driver Style
--------------



Driver Style
--------------



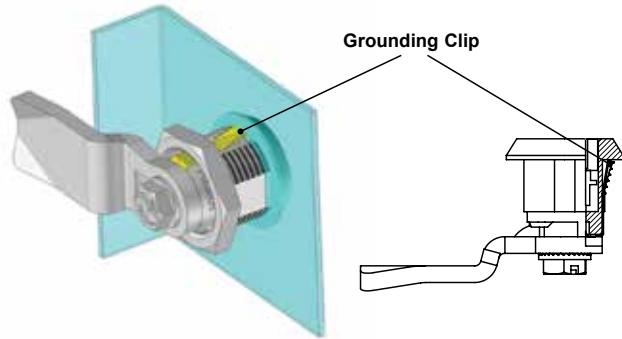
## Item No.

Chrome Plated	Black Powder Coated	Driver Style	Driver Description
266112600	266122600	26	6mm Square
266113700	266123700	37	7mm Triangle
266114200	266124200	42	2 x 4mm Slot

## CAM LATCHES

## 360 Series

Quarter Turn Latches - Spring Loaded Locks with Grounding Clip

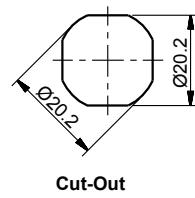
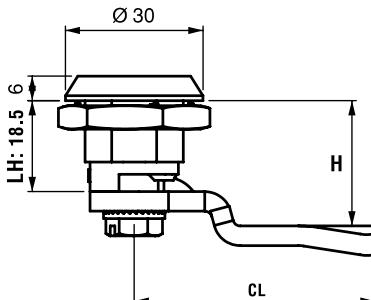


## Specifications:

- 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 416.****⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.****⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

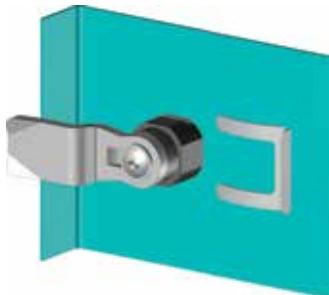
Driver Style					
13	15	28	37	38	42
3mm Double Bit	5mm Double Bit	8mm Square	7mm Triangle	8mm Triangle	2 x 4mm Slot

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	

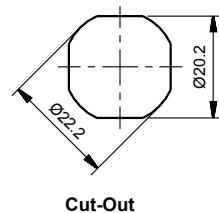
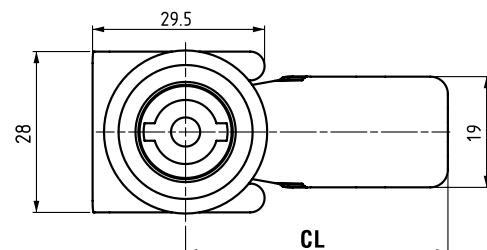
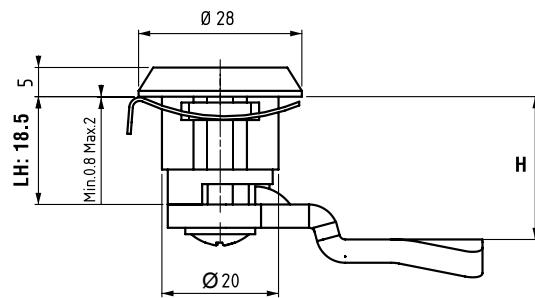
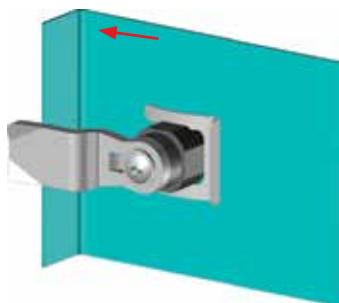


## 560 Series

## Quarter Turn - Quick Installation Locks



Clip design allows for quick installation



## Specifications:

- Material:
- Housing: Nylon Black (PA6 30% GF)
- Driver: Nylon Black (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 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

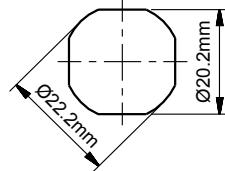
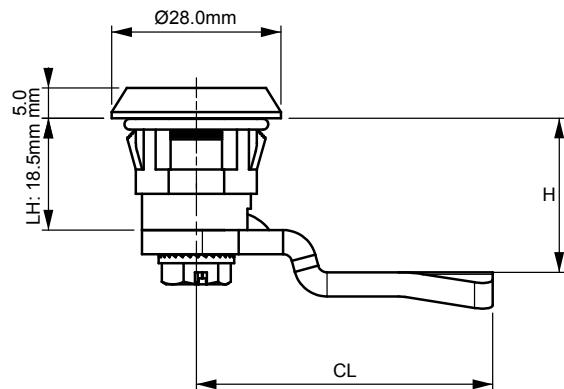
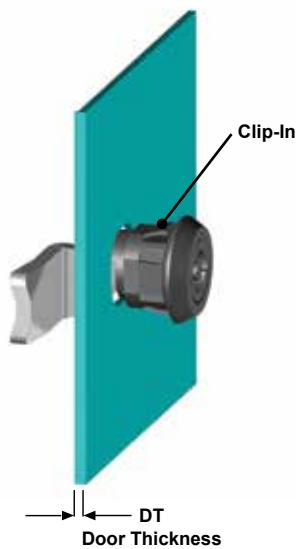
Driver Style			
15	28	38	42
5mm Double Bit	8mm Square	8mm Triangle	2 x 4mm Slot

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)

## CAM LATCHES

## 660 Series

Quarter Turn Latches - Easy Install Locks



## Specifications:

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

## Features:

- Easy assembly by clips

**⚠ FOR ALTERNATE DRIVERS SEE PAGE 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

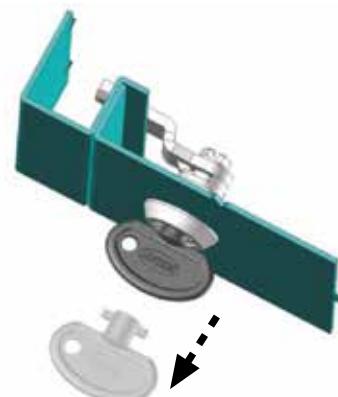
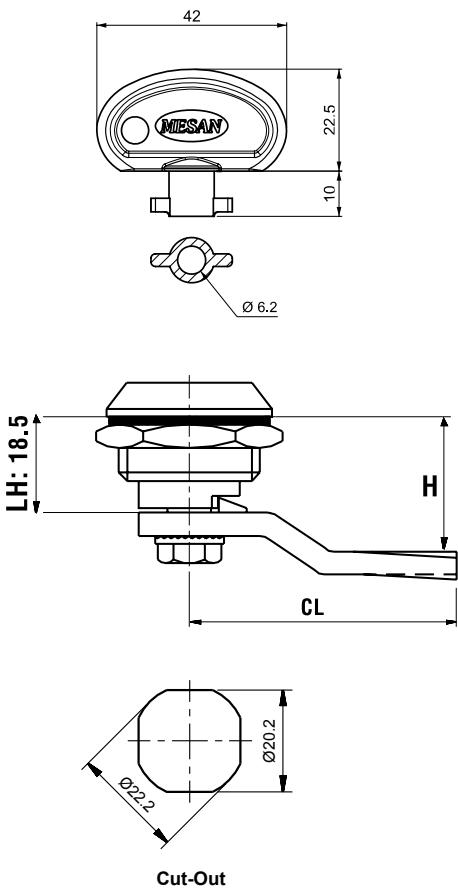
Driver Style
42
2 x 4mm Slot



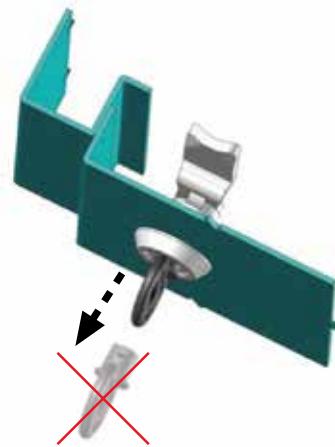
Item No.	Door Thickness (DT)	Driver Style	Driver Description
660120204200	0.8 - 1.2	42	2 x 4mm Slot
660220204200	1.2 - 1.5	42	2 x 4mm Slot



**361 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
  - 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 410 - 411.**



**Round Spurred Lock Washer - Optional**

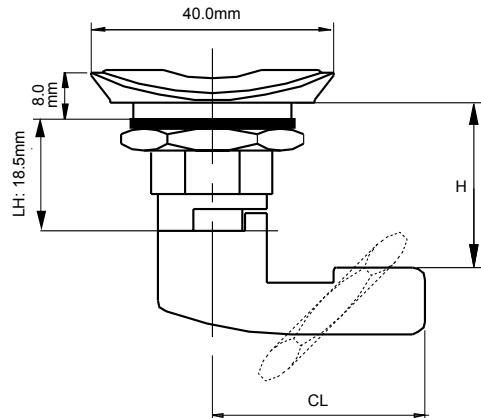
- Item No. 060A3
- Ideal for round through hole Installation
- Ordered separately

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

## CAM LATCHES

## 161 Series

Plastic Knob Lock / Finger Grip Latch

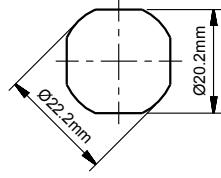


## Specifications:

- 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



Cut-Out

**⚠ FOR ALTERNATE DRIVERS SEE PAGE 416.****⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.****⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

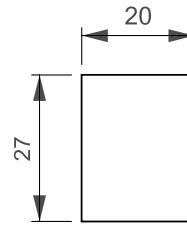
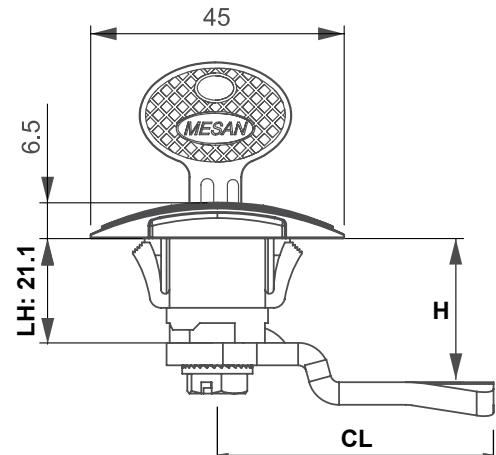
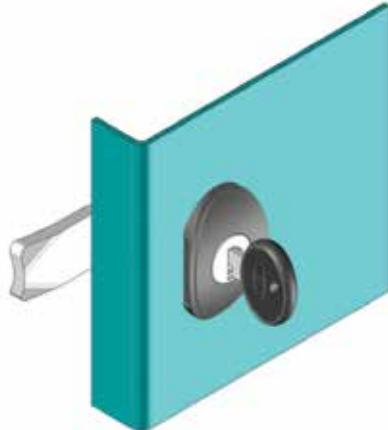
Driver Style				
13	15	42		
3mm Double Bit	5mm Double Bit	2 x 4mm Slot		

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



## 261 Series

## Plastic Knob Lock / Finger Grip Latch



## Specifications:

- Material:  
Housing: Nylon Black (PA6 30% GF)  
Cylinder: Zinc Alloy, Nylon Black (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 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

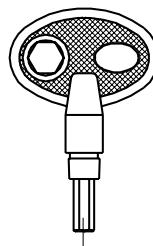
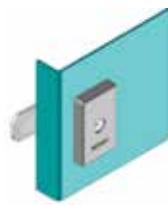
**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

Item No.	Door Thickness (DT) mm	Cylinder Material	Cylinder Finish	Cylinder Description
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)

## CAM LATCHES

## 075 Series

Panel Lock with Hexagonal Head

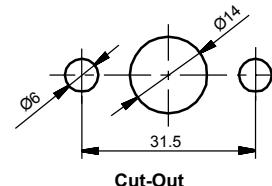
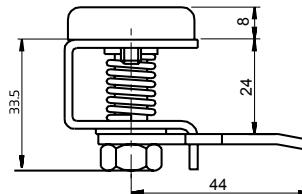


## Specifications:

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

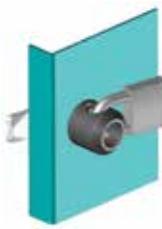
## Features:

- Application for panels and machinery covers



## 260 Series

Quarter Turn - Padlockable Locks

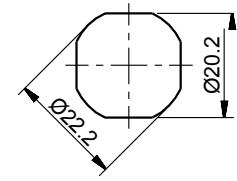
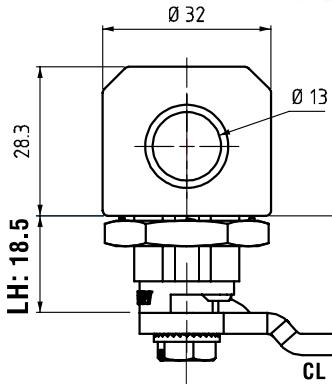


## Specifications:

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

## Features:

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



**⚠ FOR ALTERNATE DRIVERS SEE PAGE 416.**

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

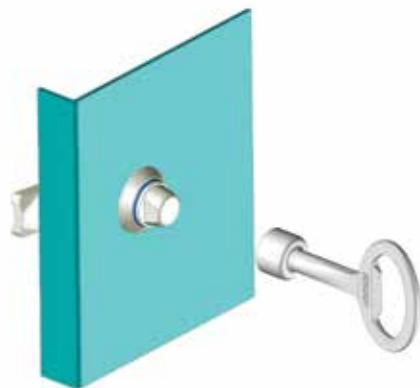
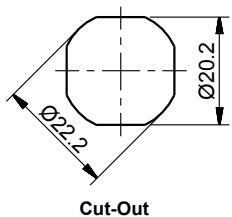
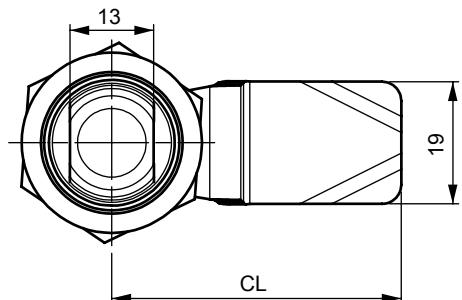
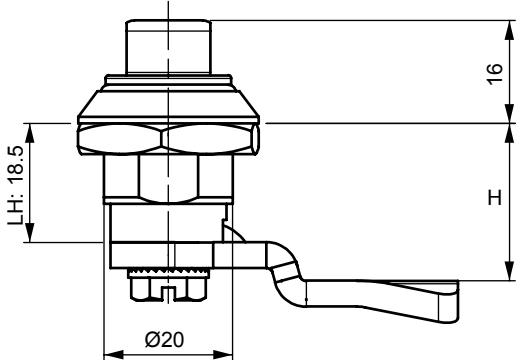
**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

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

Item No.		Driver Style	Driver Description
Chrome Plated	Black Powder Coated		
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

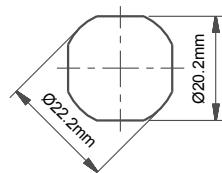
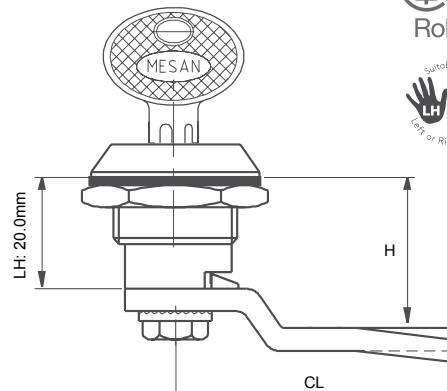
**Features:**

- 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 414.**

Item No.	Metal Key
4604000	36894

## CAM LATCHES

063 Series  
Cylinder Cam Latches / Locks

Cut-Out

## Specifications:

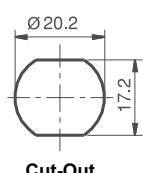
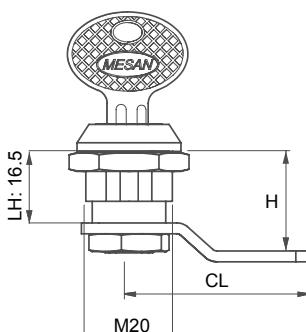
- Material: Housing: Zinc Alloy, Nylon Black (PA6 30% GF) Cam: Steel or Nylon Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Two Keys supplied with every lock
- Master Key is sold separately, see table for details

## Features:

- Quarter turn operation
- Body Length 20mm
- Available in all die-cast Zinc Alloy or with Polyamide Housing

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

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

050 Series  
Cam Latches & Locks

**⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

## Specifications:

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

## Features:

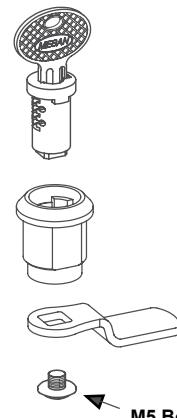
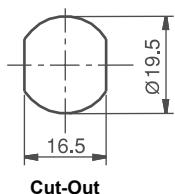
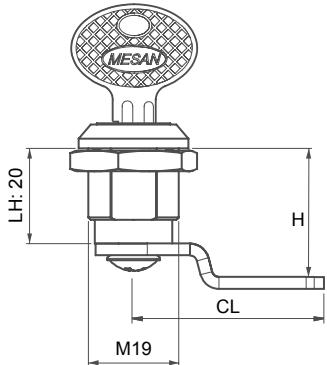
- Ideal for briefcase, steel doors and machinery covers
- Available in all die-cast zinc alloy or with polyamide housing
- Please contact Essentra for spring loaded cam version

**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)



**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

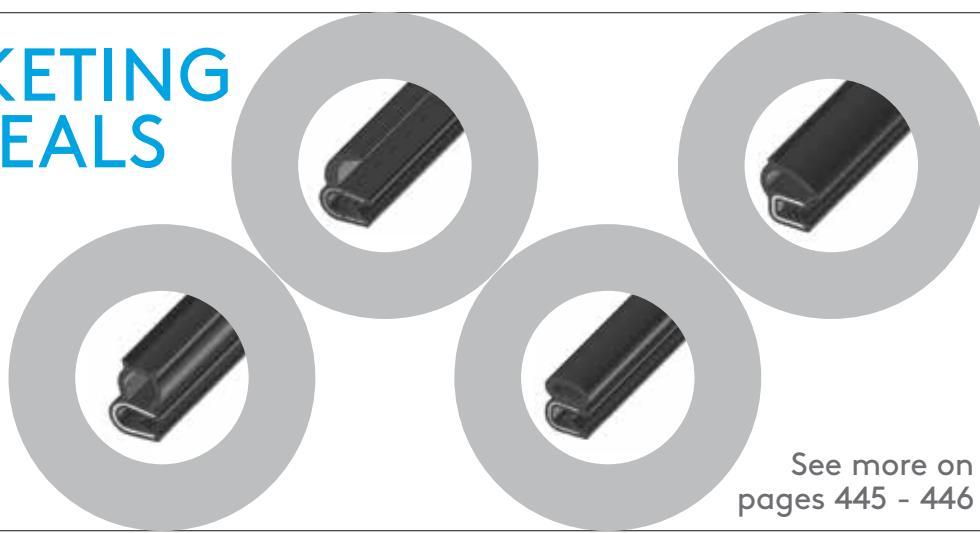
**Features:**

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

**⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

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

## GASKETING & SEALS



See more on  
pages 445 - 446



ACCESS HARDWARE

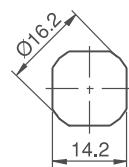
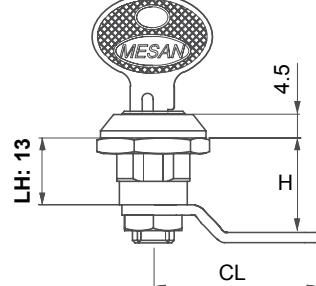
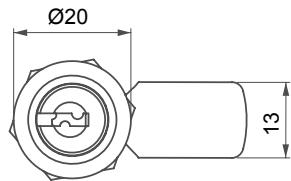
## MINI CAM LATCHES

### 057 Series

#### Mini Cam Latches & Locks



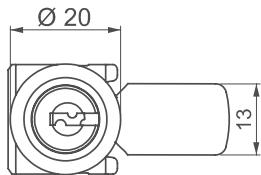
Version 1



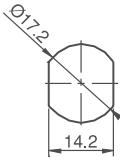
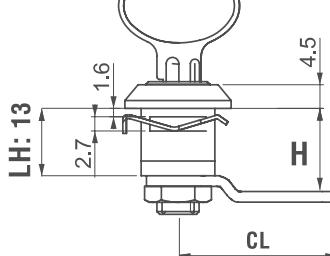
Cut-Out



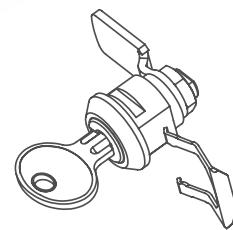
Installed by Nut



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:

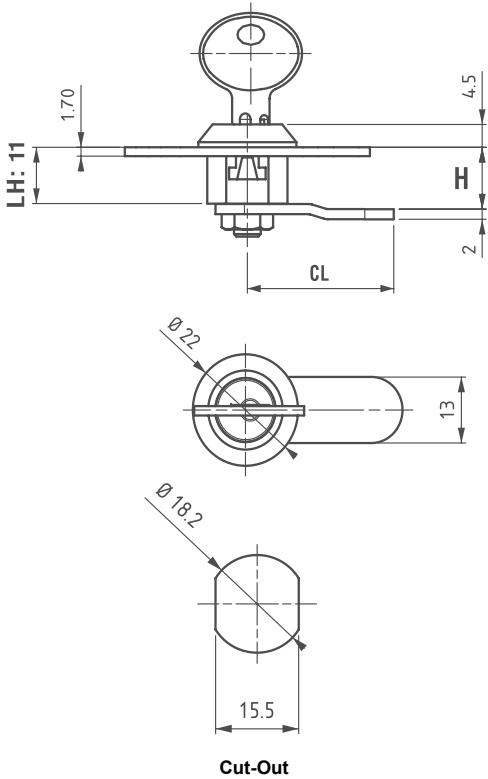
- Please Contact Essentra for Keyed to Differ version

**⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

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



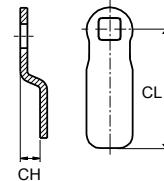
**257 Series**  
Mini Cam Latches / Locks



**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

Specifications:

- Material: Steel
- 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 >>**

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

ESSENTIAL SOLUTIONS DELIVERED



VISIT OUR WEBSITE  
[www.essentracomponents.com](http://www.essentracomponents.com)



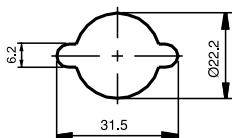
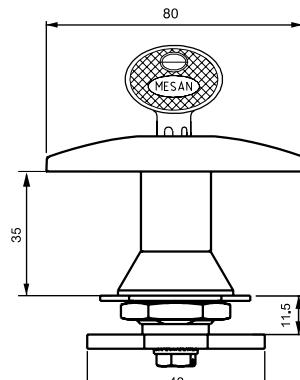
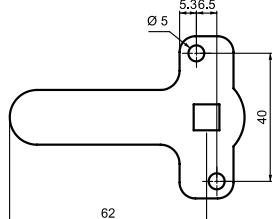
GIVE US A CALL  
800 847 0486



SEND US AN EMAIL  
[sales@essentracomponents.com](mailto:sales@essentracomponents.com)



SEND US A FAX  
866 561 6617

**'T' HANDLE CAM LATCHES****010 Series****'T' Handle Cabinet Latches**

Cut-Out

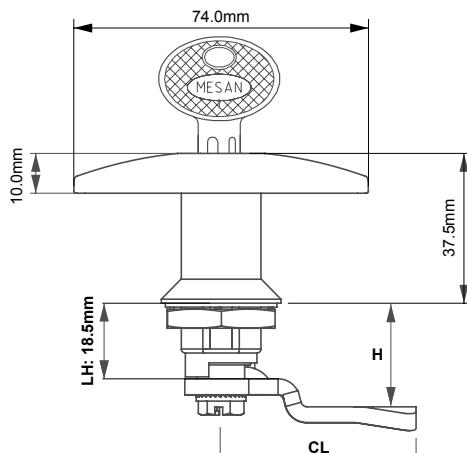
**Specifications:**

- 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

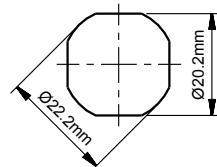
**110 Series****Cam Latches - 'T' Handle Locks****Specifications:**

- Material: Housing: See Table Handle: See Table Cam: Same as Housing, See Table Gasket: Rubber
- Housing and Driver are DIN-EN 1774 rated
- Two keys supplied with every lock

**Features:**

- Quarter-turn operation
- For IP rated latch please contact Essentra for details

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410-411, 414 (Stainless Steel only).**



Cut-Out

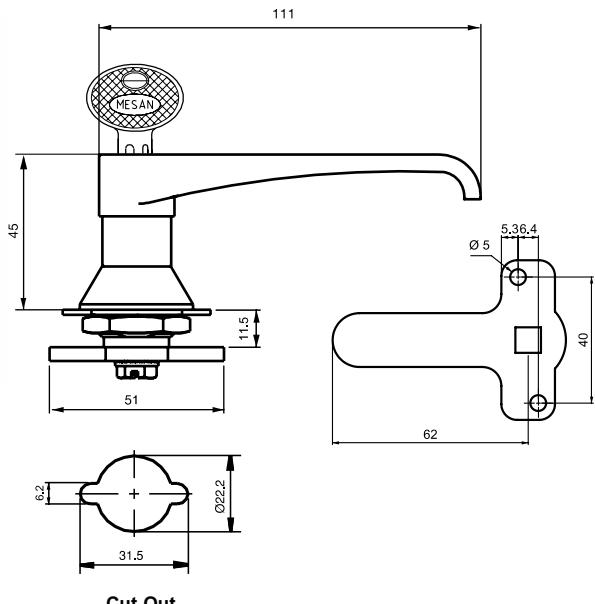
Item No.				
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Nylon Black	Stainless Steel Natural	Cylinder Description
110110000	110120000	110200000	110400000	No Cylinder
110110100	110120100	110200100	—	Keyed Alike
110110200	110120200	—	—	Keyed to Differ
110110700	110120700	—	—	CH751

## 'L' HANDLE CAM LATCHES



## 011 Series

## 'L' Handle Cabinet Latches



## 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

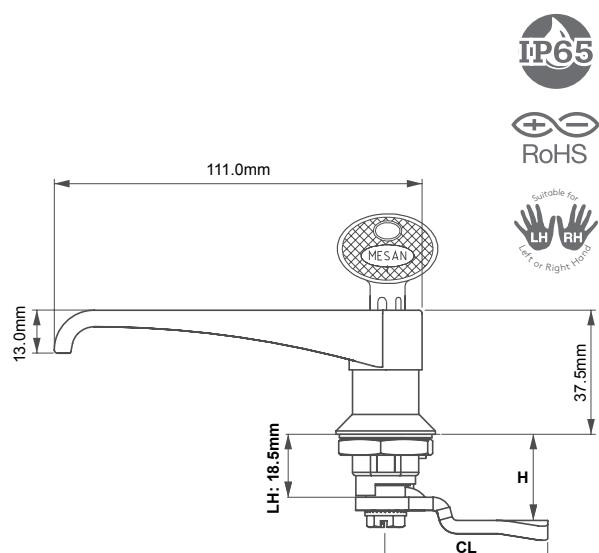
## Features:

- 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

## 111 Series

## Cam Latches - 'L' Handle Locks



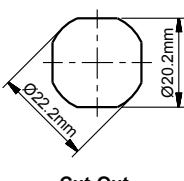
## Specifications:

- Material:
- Housing: See Table
- Handle: Zinc Alloy, Stainless Steel, Nylon Black
- Cam: Same as Housing, See Table
- Gasket: Rubber
- Finish: See Table
- Housing and Driver are DIN-EN 1774 rated
- Two keys supplied with every lock

## Features:

- Quarter-turn operation

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410-411, 414 (Stainless Steel only).**



Cut-Out

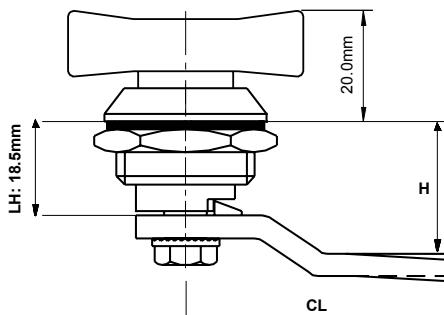
Item No.				Cylinder Specifications:
Zinc Alloy Chrome Plated	Zinc Alloy Black Powder Coated	Nylon Black	Stainless Steel Natural	
111110000	111120000	111200000	111400000	No Cylinder
111110100	111120100	111200100	—	Keyed Alike
—	—	111200200	—	Keyed Differ
111110300	111120300	—	111400300	Stainless Steel Shutter (Keyed Alike)
111110700	111120700	—	111400700	CH751 (Stainless Steel Shutter)
111113200	111123200	—	111403200	Stainless Steel Shutter (Keyed to Differ)



## WING KNOB CAM LATCHES

### 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:

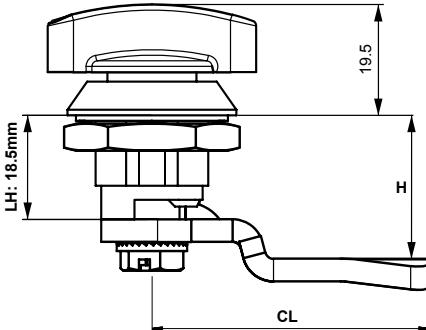
- Wing operates lock and serves as knob

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

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

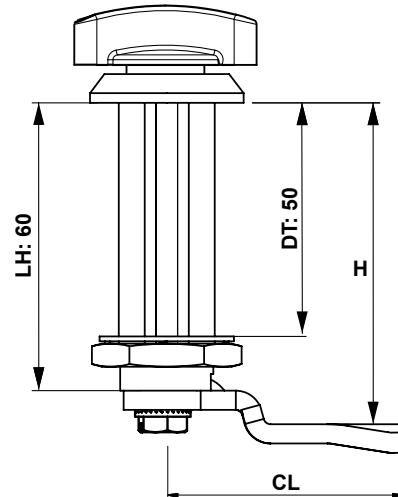
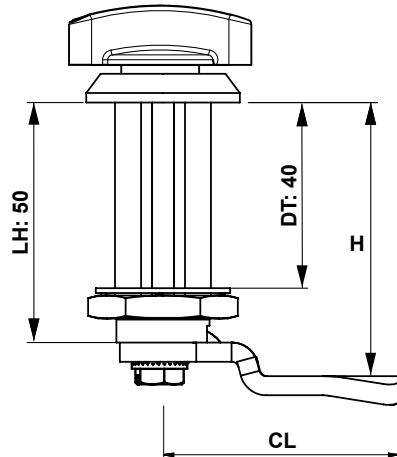
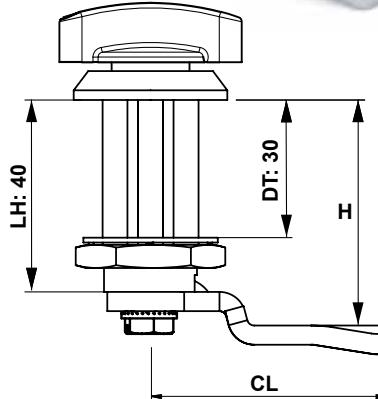
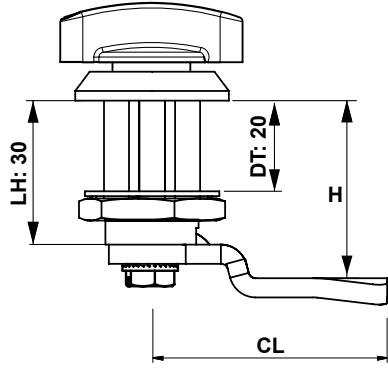
**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

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



## 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 410 - 411.**

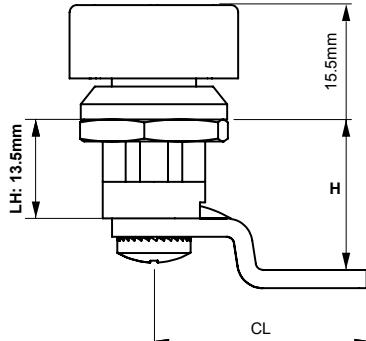
Item No.	Door Thickness
Chrome Plated	mm
064362201100	20
064362301100	30
064362401100	40
064362501100	50



## MINI CAM LATCHES

### 166 Series

#### Mini Quarter Turn Latches - Wing Knob Locks

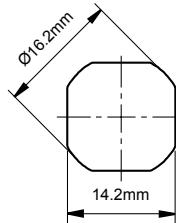


##### Specifications:

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

##### Features:

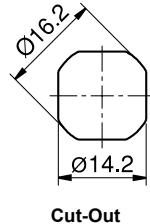
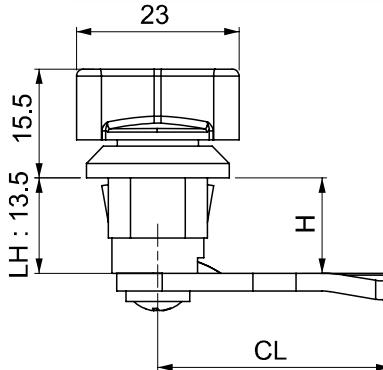
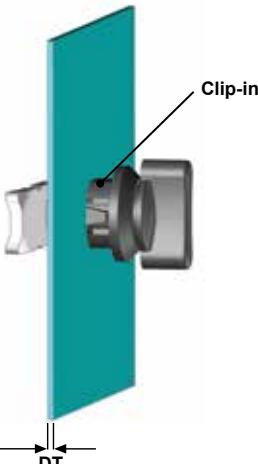
- Wing operates lock and serves as knob
- Sealing washer not included

**Cut-Out****⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

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

### 566 Series

#### Mini Quarter Turn Latches - Easy Install Locks

**Cut-Out**

##### Specifications:

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

##### Features:

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

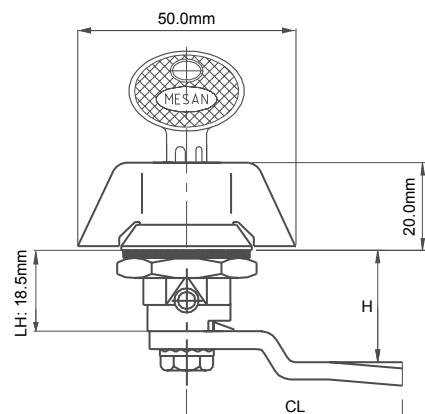
**⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

Item No.
5661202000



## 065 Series

## Cam Latches - Wing Knob Locks

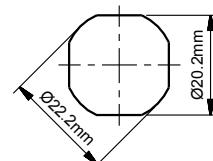


## Specifications:

- 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



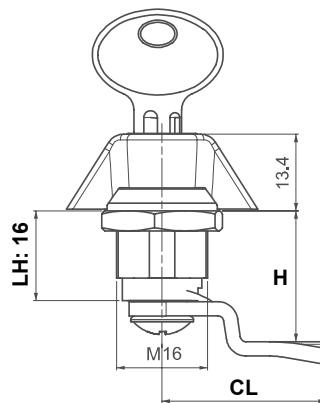
Cut-Out

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

Item No.				
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)

## 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

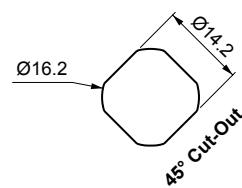
## Features:

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



**⚠ CAMS SOLD SEPARATELY. SEE PAGE 415.**

Item No.	Finish	Cylinder Description
165110300	Chrome Plated	Stainless Steel Shutter (Keyed Alike)
165113200	Chrome Plated	Stainless Steel Shutter (Keyed is different)
165120300	Black Powder Coated	Stainless Steel Shutter (Keyed Alike)
165123200	Black Powder Coated	Stainless Steel Shutter (Keyed is different)

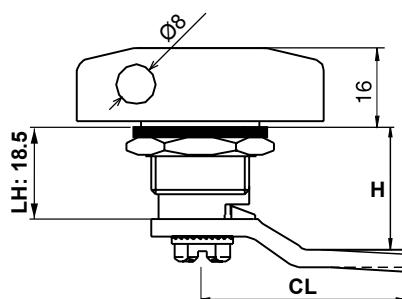




## CAM LATCHES

### 262 Series

#### Quarter Turn Latches - Padlock Wing Knob Locks

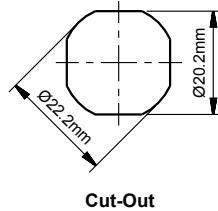


##### Specifications:

- 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

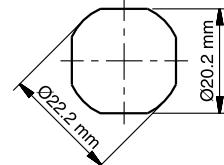
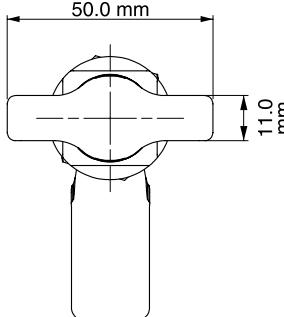
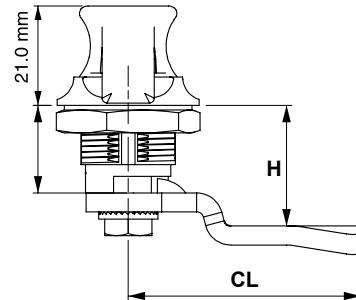
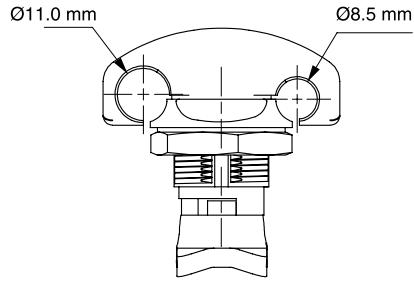


**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

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

### 562 Series

#### Quarter Turn Latches - Padlock Wing Knob Locks



##### Specifications:

- Material:
  - Housing: Zinc Alloy
  - Knob: Zinc Alloy
- 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 410 - 411.**

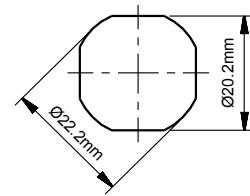
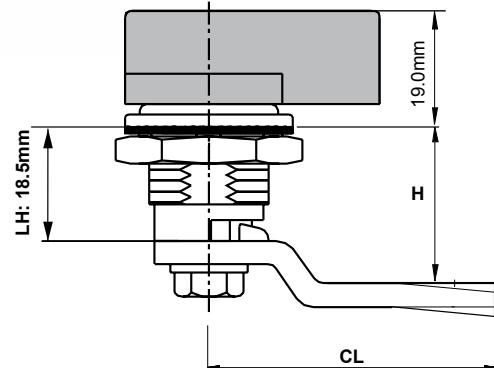
Item Number	Finish
562100	Chrome Plated
562200	Black Powder Coated





## 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

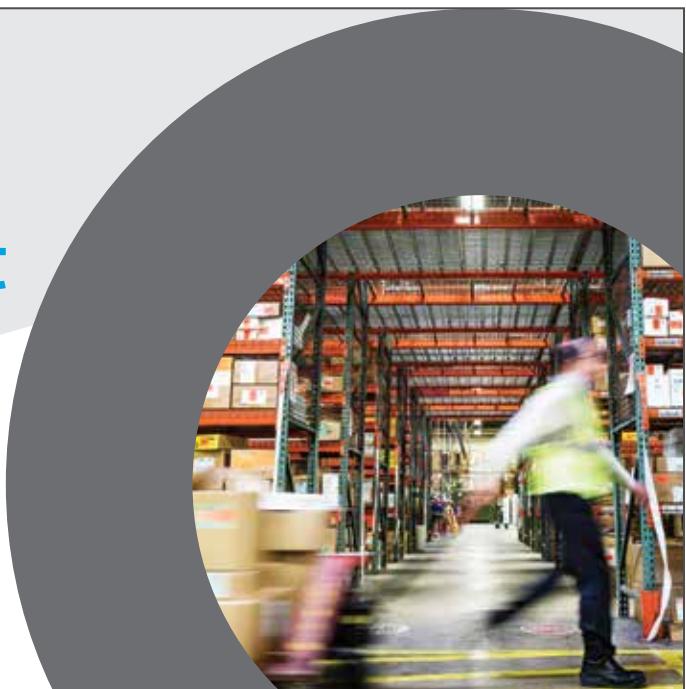
⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.

## Item No.

16200M

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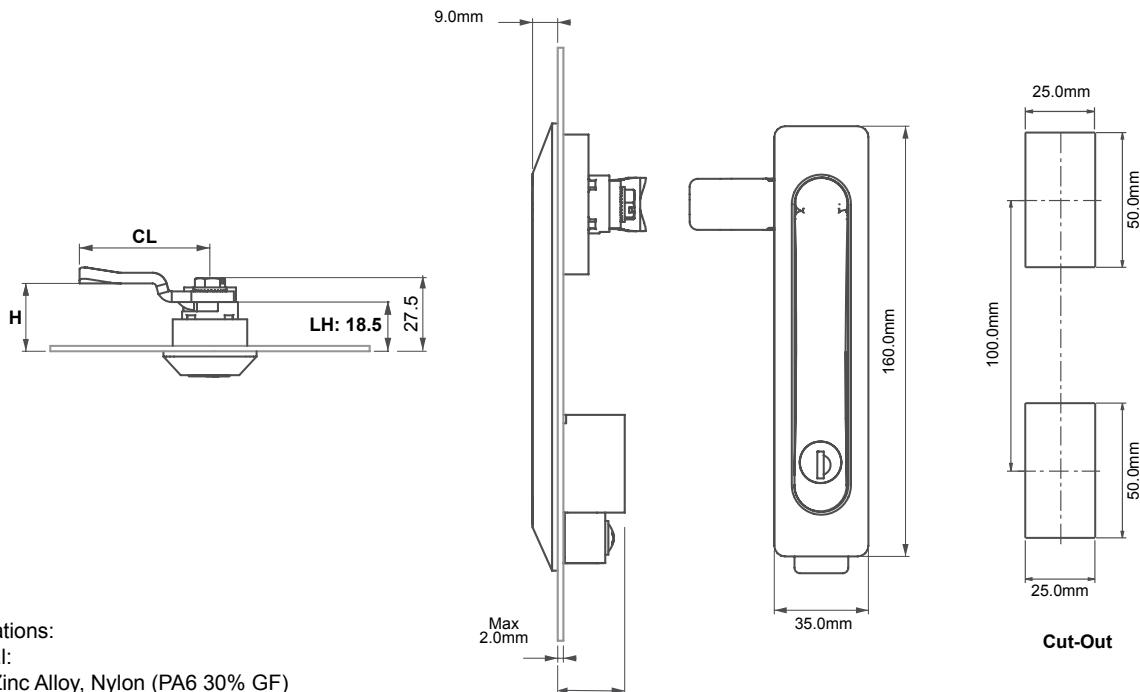
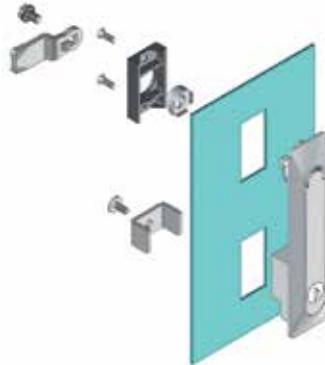


ACCESS HARDWARE

## SWINGHANDLES

### 108 Series

#### Swinghandle Latches / Locks



#### Specifications:

- Material:
  - Body: Zinc Alloy, Nylon (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:

- Spring-loaded, slam action swing handle
- For customized colors please contact Essentra

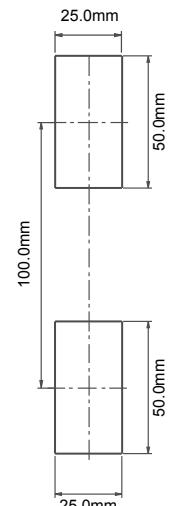
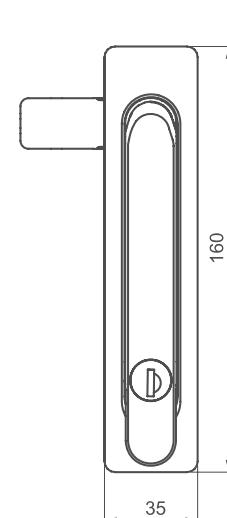
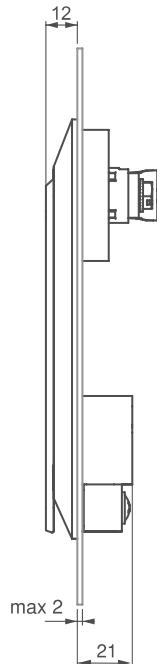
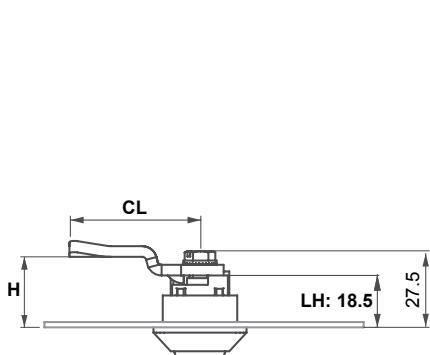
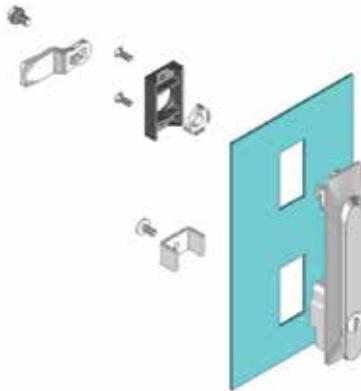
**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

Item No.	Body Material	Body Finish	Handle Material	Handle Finish	Cylinder Description
108220300	Nylon	Black	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed Alike)
108223200	Nylon	Black	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed to Differ)
10811110300	Zinc Alloy	Chrome plated	Zinc Alloy	Chrome plated	Stainless Steel Shutter (Keyed Alike)
10811110700	Zinc Alloy	Chrome plated	Zinc Alloy	Chrome plated	CH751 (Stainless Steel Shutter)
10811113200	Zinc Alloy	Chrome plated	Zinc Alloy	Chrome plated	Stainless Steel Shutter (Keyed to Differ)
10812120300	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed Alike)
10812120700	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	CH751 (Stainless Steel Shutter)
10812123200	Zinc Alloy	Black Powder Coated	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (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 410 - 411.**

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)

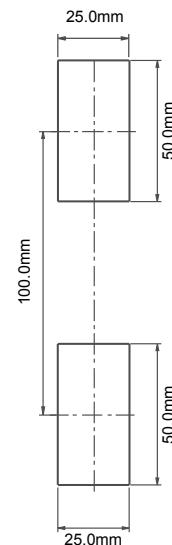
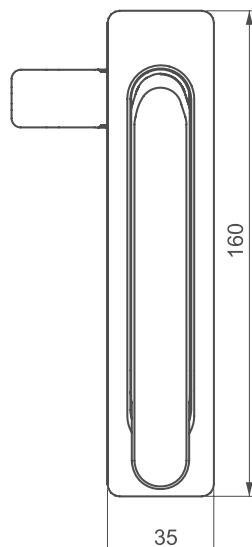
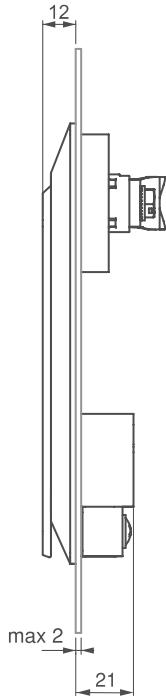
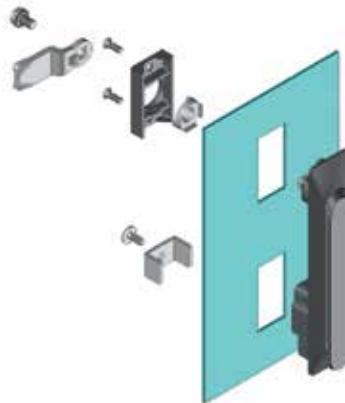


ACCESS HARDWARE

## SWINGHANDLES

### 218 Series

Swinghandle Latches / Locks



Cut-Out

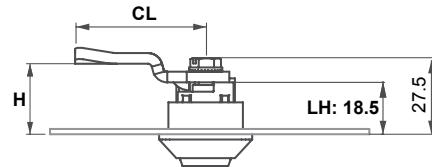
#### Specifications:

- 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

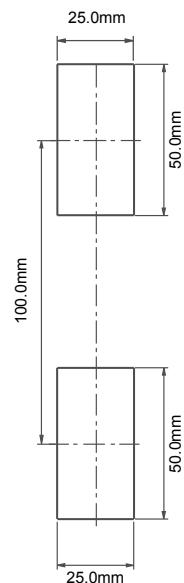
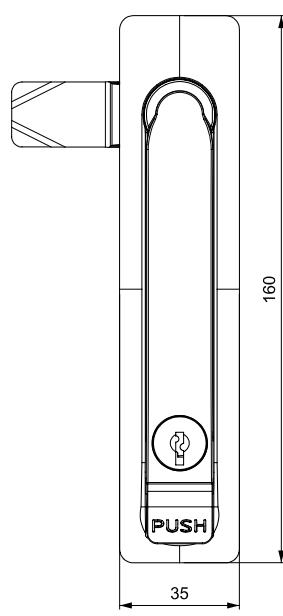
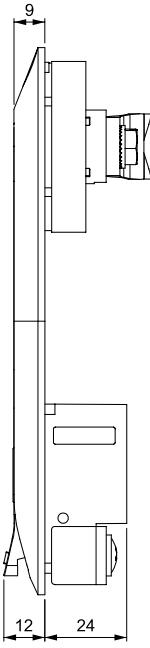
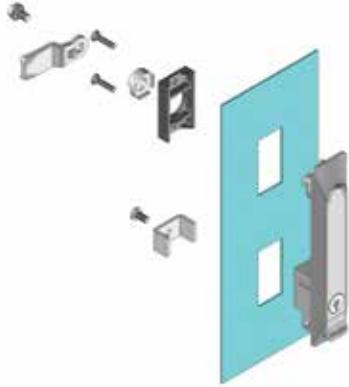
**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**



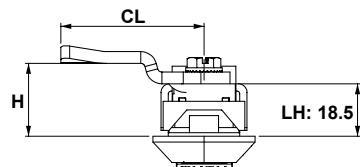
Item No.	Material	Finish/Color
2181100	Zinc Alloy	Chrome Plated
2181200	Zinc Alloy	Black Powder Coated
2182000	Nylon	Black



**908 Series**  
**Swinghandle Latch**



Cut-Out



## Specifications:

- Material:
  - Base: Zinc Alloy
  - Body: Zinc Alloy
  - Handle: Zinc Alloy
  - Seal: Polyurethane
  - Dust Cap: Stainless Steel
- Finish:
  - Base: Black Powder Coated
  - Handle: Chrome Plated
- Zinc Alloy is DIN-EN 1774 rated
- Two keys supplied with every lock

## Features:

- Swinghandle with push button
- Ultra low external profile
- For alternate cylinders, high security options, please contact Essentra for details

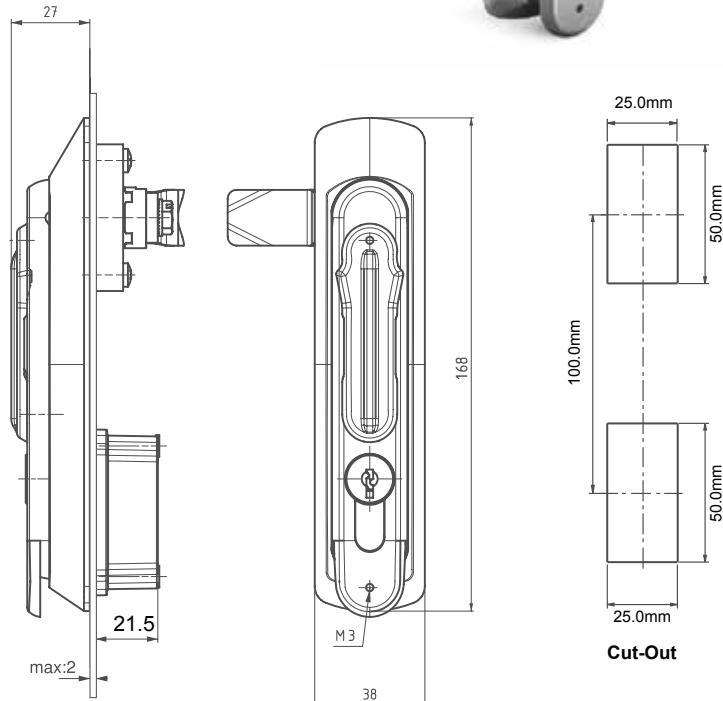
**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

Item No.	Cylinder Description
90812110000	No Cylinder
90812110300	Keyed Alike with Shutter
90812113200	Keyed Different with Shutter
90812110700	CH751 (Stainless Steel Shutter)

## SWINGHANDLES

601 Series  
Swinghandle Latch

Pad Lock Version



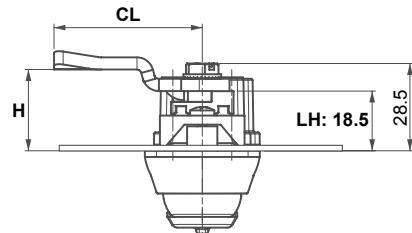
## Specifications:

- Material:
  - Body: Zinc Alloy
  - Handle: Zinc Alloy
  - Cover: Zinc Alloy
  - Seal: Polyeurethane
  - 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 410 - 411.**

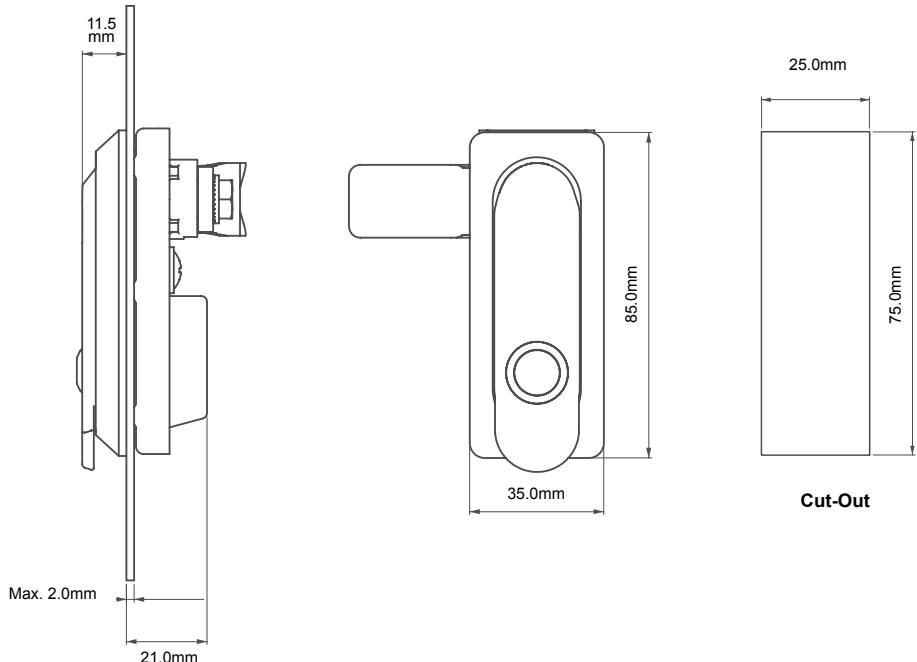
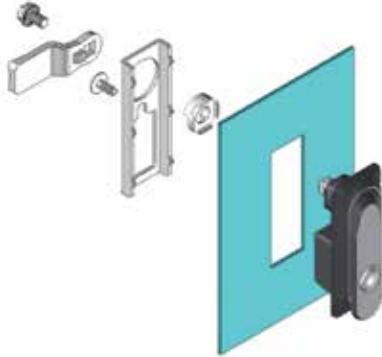


Item No.	Finish	Cylinder Description
60111110300	Chrome Plated	Keyed Alike (Stainless Steel Shutter)
60111110700	Chrome Plated	CH751 (Stainless Steel Shutter)
60111113200	Chrome Plated	Keyed Different (Stainless Steel Shutter)
601111103001	Chrome Plated	Keyed Alike (Stainless Steel Shutter) w/Padlock
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



## 708 Series

## Push Button Swinghandle Latch

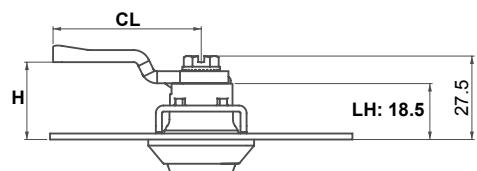


## Specifications:

- 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 410 - 411.**

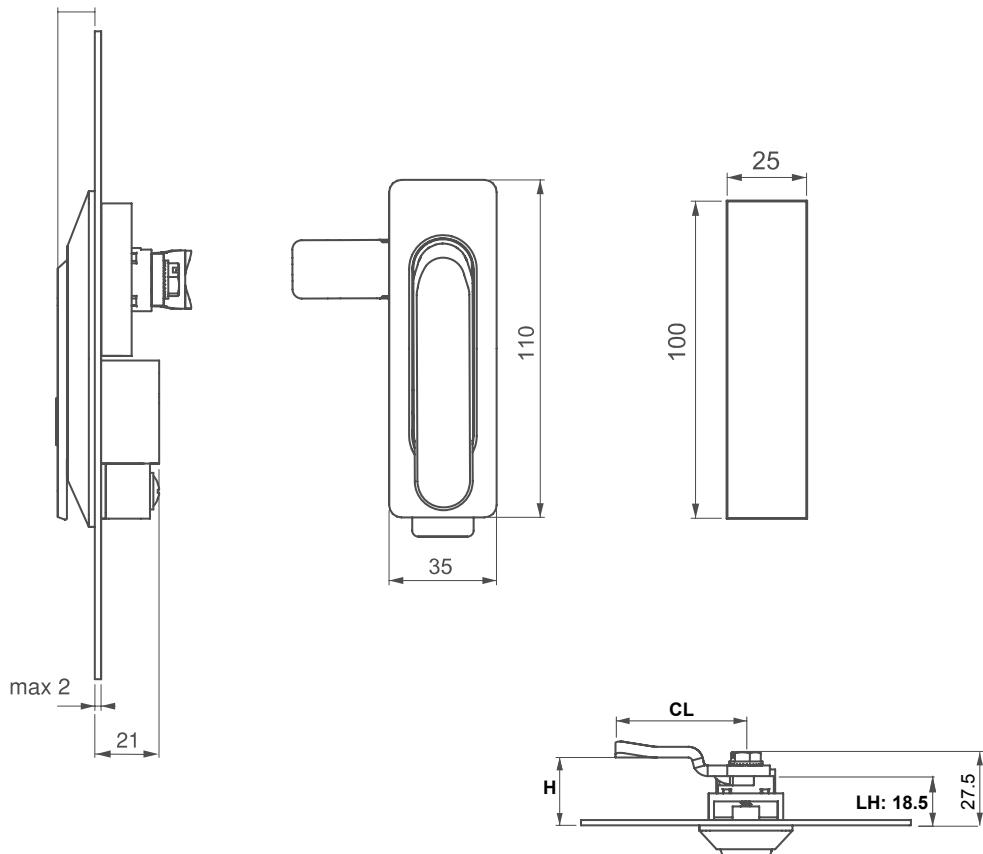
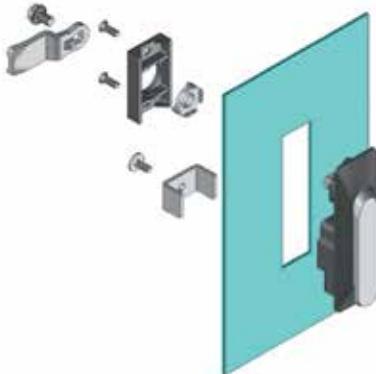
Item No.	Button Finish
708201100	Chrome Plated
708201200	Black Powder Coated



ACCESS HARDWARE

## SWINGHANDLES

318 Series  
Small Swinghandle Latches



### Specifications:

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

### Features:

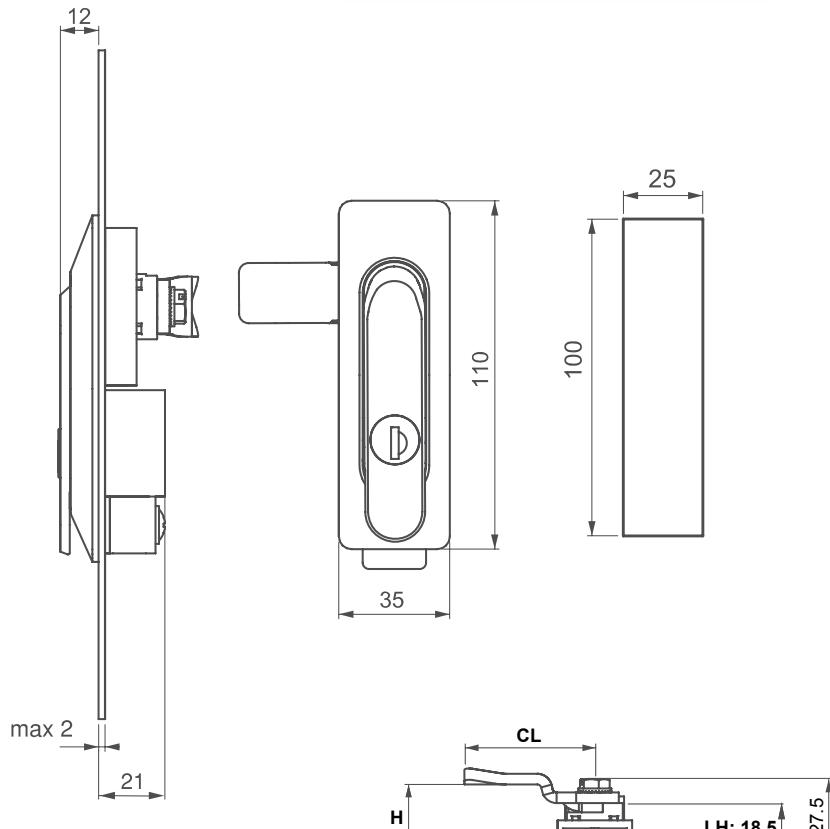
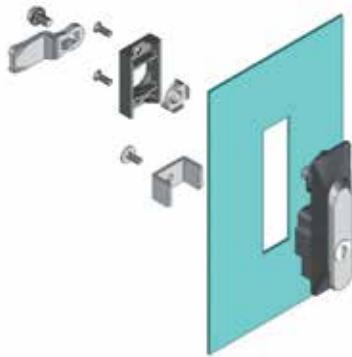
- Ideal for both indoor and outdoor applications

**⚠ CAMS SOLD SEPARATELY. SEE PAGES 410 - 411.**

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: 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 410 - 411.**

Item No.	Handle Material	Handle Finish	Cylinder Description
3081120300	Zinc Alloy	Chrome Plated	Stainless Steel Shutter (Keyed Alike)
3081220300	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed Alike)
3081223200	Zinc Alloy	Black Powder Coated	Stainless Steel Shutter (Keyed to Differ)
3082020300	Nylon	Black	Stainless Steel Shutter (Keyed Alike)
3082023200	Nylon	Black	Stainless Steel Shutter (Keyed to Differ)

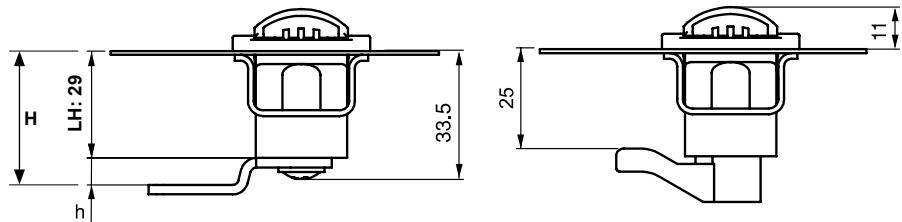
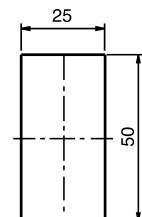
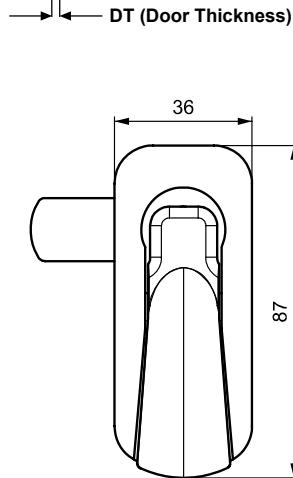


ACCESS HARDWARE

## SWINGHANDLES

### 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 415.**

Item No.	Panel Thickness	Version	Version Description	Hand Operation
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

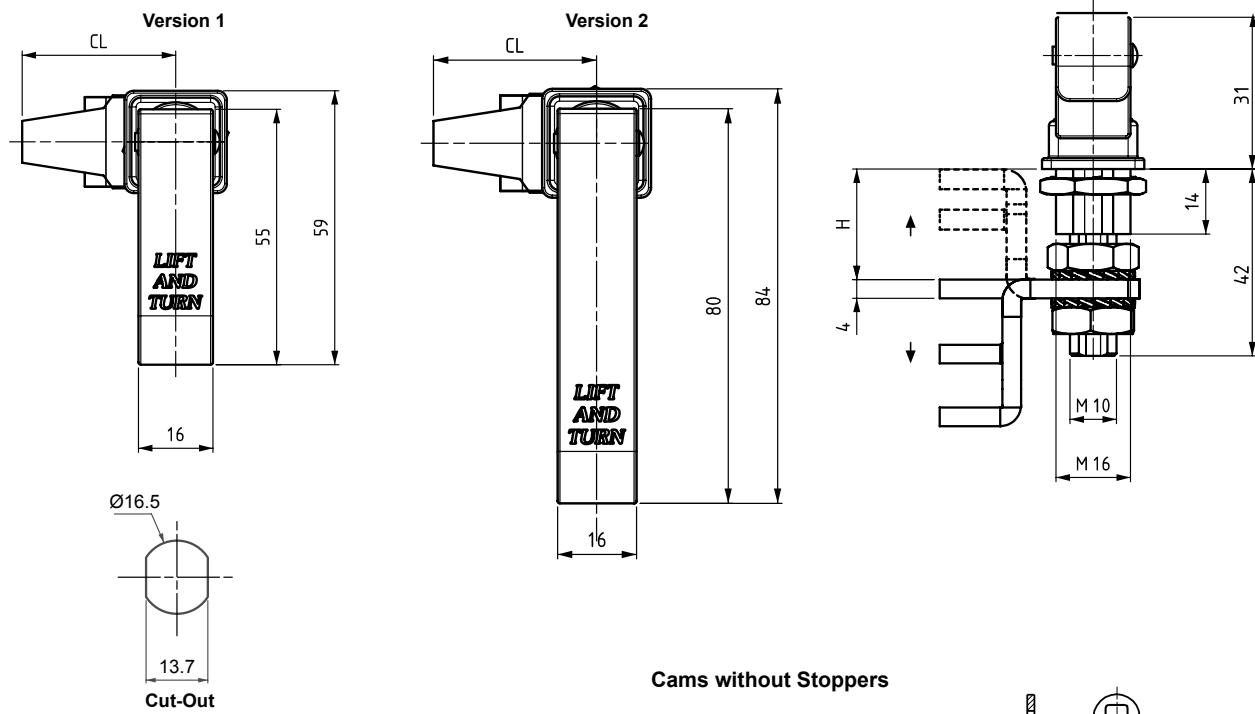


## 170 Series

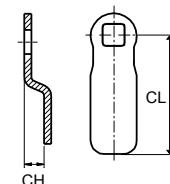
## Lift-and-Turn Latches - Fixed Compression Locks



Suitable for  
LH RH  
Left or Right Hand



## Cams without Stoppers



## 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

## Specifications:

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

Item No.	Cam Type	CH	CL	Min	Max	H Grip*
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	

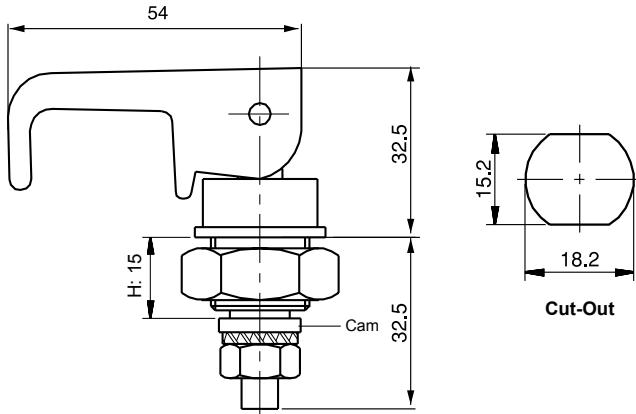
\*Grip is measured in latched position

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

## LIFT &amp; TURN CAM 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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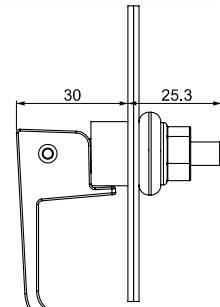
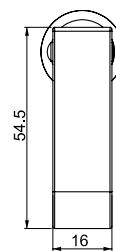
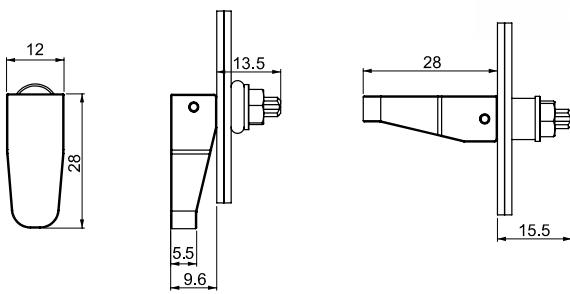
270 Series  
Swell Latch



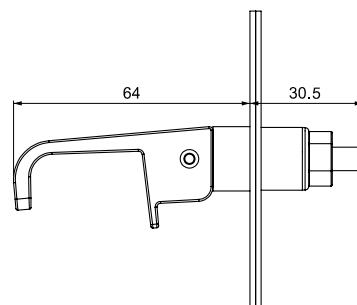
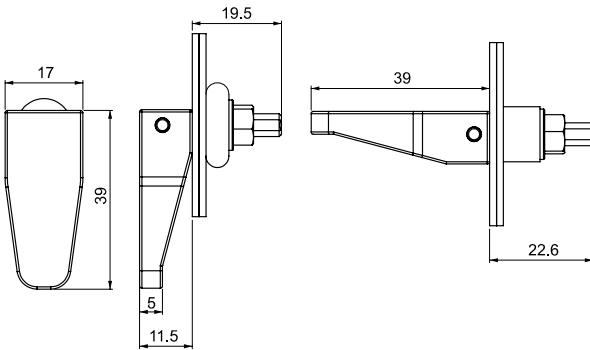
Versions 1 & 2

Version 3

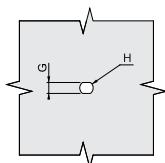
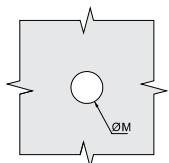
Version 1



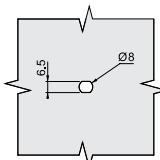
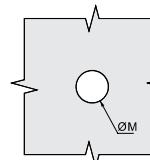
Version 2



Cut-Out



Cut-Out



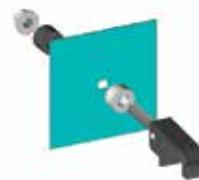
Cut Out

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

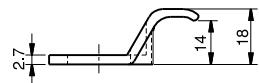
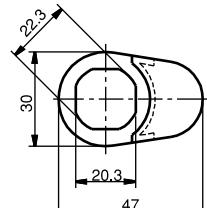


Item No.	Version	Material	Finish	G +0.1 - 0.0	H +0.1 - 0.0	Cut-Out ØM	Frame Thickness
270201	1	Nylon	Black	3.3	4.1	9.5	3.2
270202	2	Nylon	Black	4.5	5.8	13.5 14.0 19.1	Up to 3.2mm 3.2 - 4.8 1.2 - 3.2
270123	3	Zinc Alloy	Black Powder Coated	—	—	19.5 20.0 20.5	3.2 - 4.8 4.8 - 6.4 6.4 and up



## LATCH & LOCK ACCESSORIES

### Finger Pull Latch Handle

**Specifications:**

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

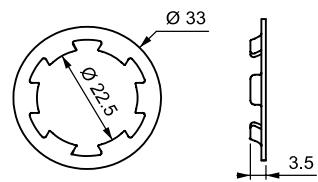
**Features:**

- Reduces the LH and H dimensions by 1mm
- Choose LH - 1mm when configuring cam section

## Item No.

060A2

### Spur Washer

**Specifications:**

- Material: Steel
- Finish: Zinc Plated

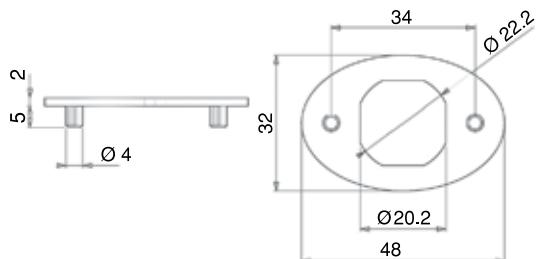
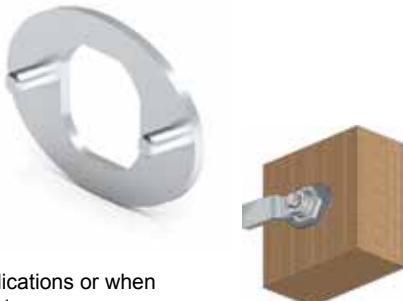
**Features:**

- Ideal for non-metal surface applications such as wood or in applications where the through hole is round
- Locks into the material for better grip and slip prevention

## Item No.

060A3

### Installation Bracket

**Specifications:**

- Material: Zinc Alloy

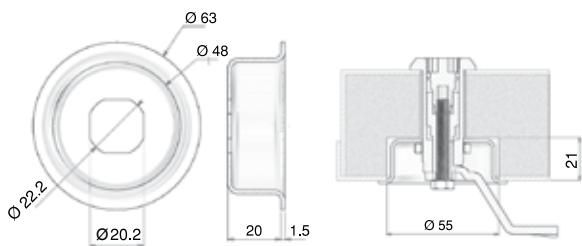
**Features:**

- Used for non metal applications or when the through hole is round
- Eliminates movement or slipping of the latch

## Item No.

060A5

### Spacer

**Specifications:**

- Material: Steel
- Finish: Zinc Plated

**Features:**

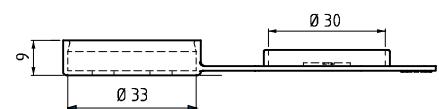
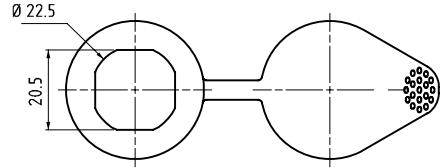
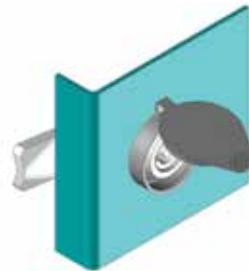
- Allows for increased door thickness up to 20mm
- The spacer enables the latch to work with thicker doors and panels

## Item No.

060A6



**Cover Cap**



**Specifications:**

- Material: Polyurethane
- Color: Black

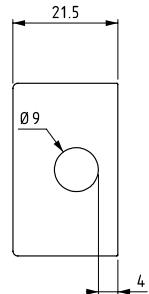
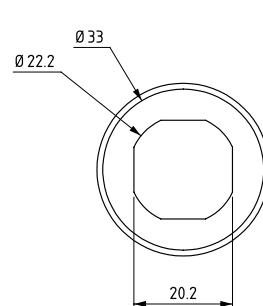
**Features:**

- Ideal for added protection when dust and humidity are required.

Item No.

060A7

**Padlock Adapter**



**Specifications:**

- Material: Steel
- Finish: Zinc Plated

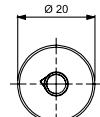
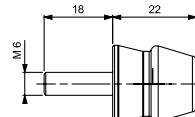
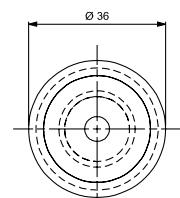
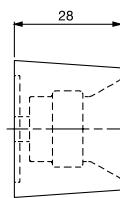
**Features:**

- Provides extra security with standard latch
- Adapter allows padlock use up to 8mm in diameter

Item No.

060A8

**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

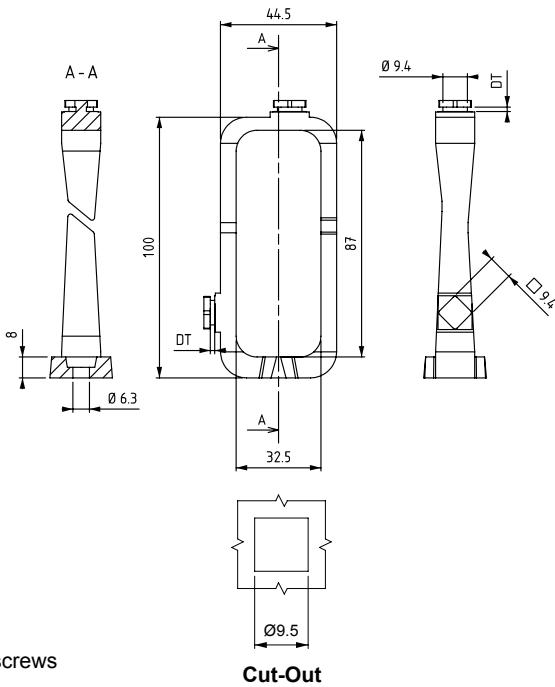
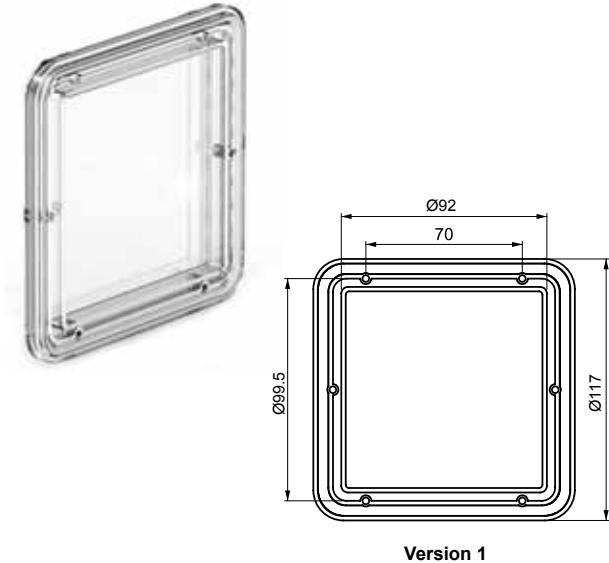
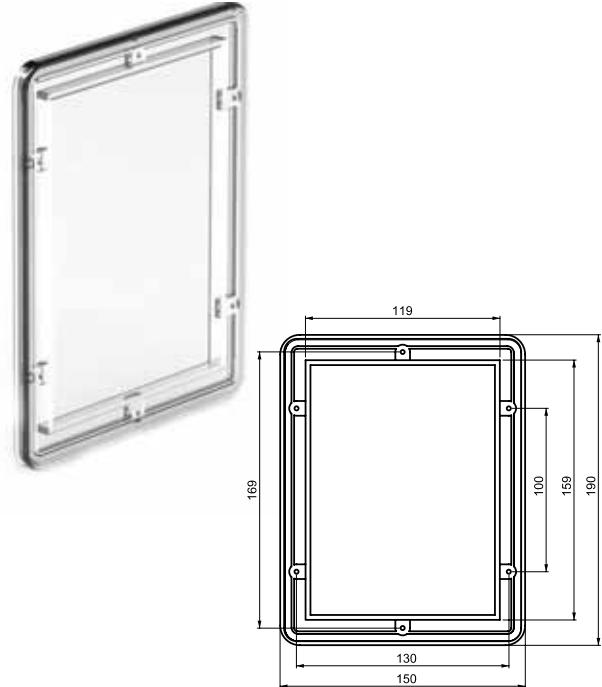
3400801

**ACCESSORIES****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

**2215 & 2216 Series****Counter Screen****Version 1****Version 2****Specifications:**

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

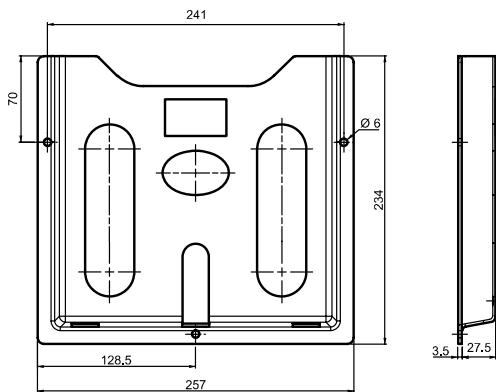
**Features:**

- Allows counters or dials to be viewed from outside enclosure

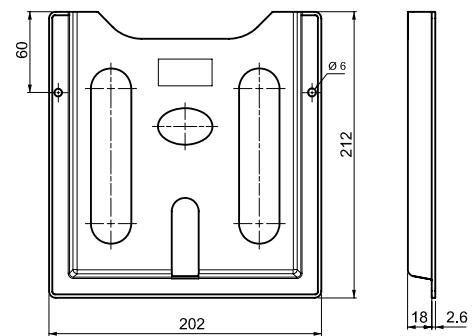
Item No.	Version
2215	1
2216	2



**2150 & 2152 Series**  
Document Holder



Version 1



Version 2

## Specifications:

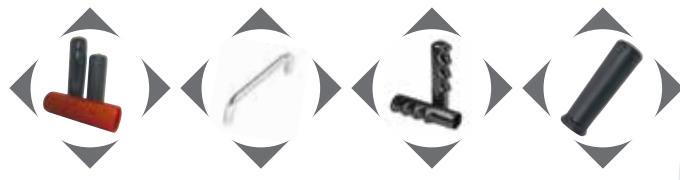
- Material: Polystyrene
- Color: Grey

## Features:

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

Item No.	Version
2150	1
2152	2

## KNOBS, HANDLES & GRIPS



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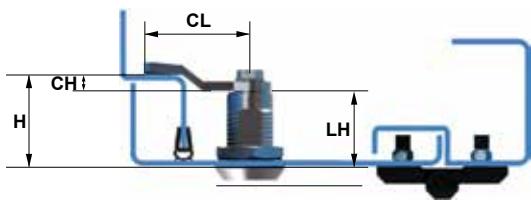




## CAMS WITH STOPPERS

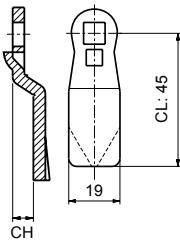
### Cams With Stoppers

- 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

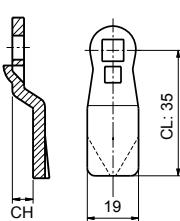


#### Specifications:

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

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

### Cam Style 2



#### Specifications:

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

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



LOCAL  
STOCK



SAME DAY  
SHIPPING

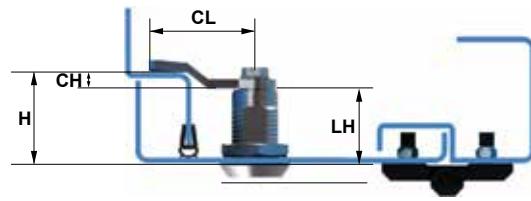


SHOP OVER 35,000  
PRODUCTS ONLINE



### Cams With Stoppers

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



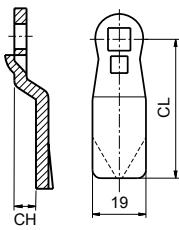
Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

### Cam Style 3



#### Specifications:

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



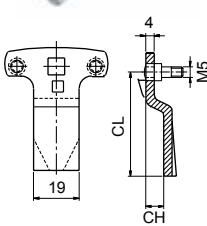
Item No.	CH Height	CL Length	H Grip					
			LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403031	0	29	18.5	20	30	40	50	60
30403032	0	38	18.5	20	30	40	50	60
30403036	0	66	18.5	20	30	40	50	60
30403034	0	51	18.5	20	30	40	50	60
30403037	3	38	21.5	23	33	43	53	63
30403038	3	51	21.5	23	33	43	53	63
30403129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

### Cam Style 4



#### Specifications:

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



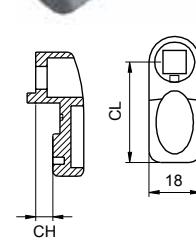
Item No.	CH Height	CL Length	H Grip					
			LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30403140	0	51	18.5	20	30	40	50	60
30403522	0	45	18.5	20	30	40	50	60
30403047	7	49	25.5	27	37	47	57	67
30403524	2	45	20.5	22	32	42	52	62
30403526	3	45	21.5	23	33	43	53	63
30403528	4	45	22.5	24	34	44	54	64
30403530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

### Cam Style 5



#### Specifications:

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



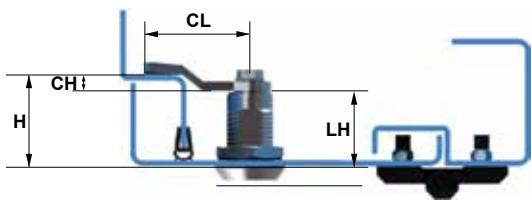
Item No.	CH Height	CL Length	H Grip					
			LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30402004	0	35	18.5	20	30	40	50	60
30402011	0	25	18.5	20	30	40	50	60
30402005	6	35	24.5	26	36	46	56	66
30402008	4	45	22.5	24	34	44	54	64
30402013	-4	45	14.5	16	26	36	46	56



## CAMS WITHOUT STOPPERS

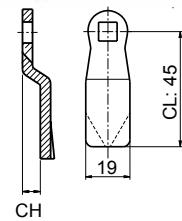
### Cams without Stoppers

- 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

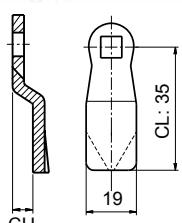


#### Specifications:

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

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

### Cam Style 2



#### Specifications:

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

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



Indoor &amp; Outdoor Cabinets



IT Cabinets



Transformers



Industrial Machinery



Power Generators



HVAC



Road Transportation



Rail Transportation



Food Industry



Diversified Applications

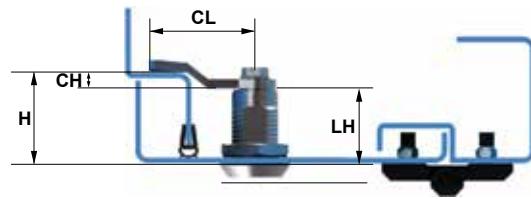
Our expertise ranges across multiple industries, supported by outstanding customer service. We can reduce your lead times and provide custom solutions and advice to help you achieve your business goals.

## CAMS WITHOUT STOPPERS



## Cams without Stoppers

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



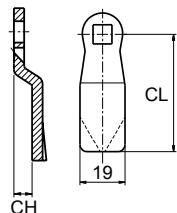
Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

## Cam Style 3



## Specifications:

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



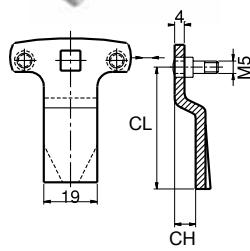
Item No.	CH Height	CL Length	H Grip			
			LH = 18.5	LH = 20	LH = 25	LH = 32
30403006	0	29	18.5	20	25	32
30403130	0	38	18.5	20	25	32
30403003	0	51	18.5	20	25	32
30403005	0	66	18.5	20	25	32
30403064	3	38	21.5	23	28	35
30403141	3	51	21.5	23	28	35
30403138	6	37	24.5	26	31	38
30403073	7	44	25.5	27	32	39
30403002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

## Cam Style 4



## Specifications:

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



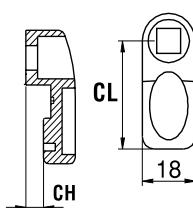
Item No.	CH Height	CL Length	H Grip	
			LH = 18.5	LH = 20
30403135	0	51	18.5	18.5
30403523	0	45	18.5	25.5
30403001	7	49	25.5	20.5
30403525	2	45	20.5	21.5
30403527	3	45	21.5	22.5
30403529	4	45	22.5	23.5
30403531	5	45	23.5	24.5
30403533	6	45	24.5	25.5
30403535	7	45	25.5	30.5
30403068	12	46	30.5	32.5
30403537	14	45	32.5	

## Cam Style 5



## Specifications:

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



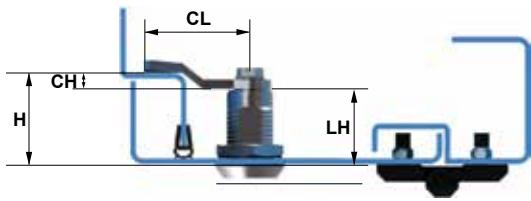
Item No.	CH Height	CL Length	H Grip		
			LH = 18.5	LH = 20	LH = 25
30402002	0	35	18.5	20	25
30402010	0	25	18.5	20	25
30402007	4	45	22.5	24	29
30402003	6	35	24.5	26	31
30402014	-4	45	14.5	16	21



## 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



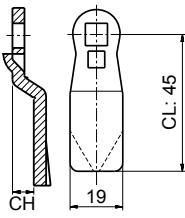
Know your Latch Housing Length (LH) and identify your Grip (H). Total Grip (H) is measured from the mounting outer surface and the contact surface of the inner frame. See illustration. When the Grip (H) is determined, select the matching cam from the options below.

### Cam Style 1 - with Stopper



#### Specifications:

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



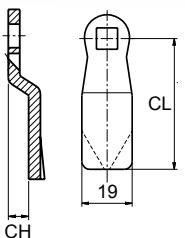
Item No.	CH Height	CL Length	H Grip					
			LH = 18.5	LH = 20	LH = 30	LH = 40	LH = 50	LH = 60
30405004	0	45	18.5	20	30	40	50	60
30405003	0	51	18.5	20	30	40	50	60
30405159	2	45	20.5	22	32	42	52	62
30405063	3	45	21.5	23	33	43	53	63
30405149	4	45	22.5	24	34	44	54	64
30405160	6	45	24.5	26	36	46	56	66
30405040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

### Cam Style 2 - without Stopper



#### Specifications:

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



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

## FOR YOUR ELECTRONIC LOCKING SYSTEMS NEEDS

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

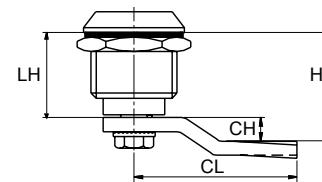


Monitoring & Access Control Concept | See pages 356 - 357 for more details.



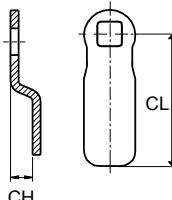
### Cams with and without Stoppers

- 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

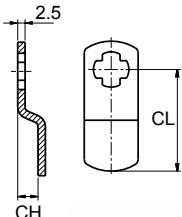


#### Specifications:

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

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

### Cam Style 2 - without Stopper



#### Specifications:

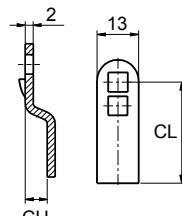
- Material: Steel
- Finish: Zinc Plated
- Thickness: 2.5mm



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

\* Hook Style Cam

### Cam Style 3 - with Stopper

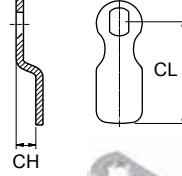


#### Specifications:

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

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

### Cam Style 4 - without Stopper



#### Specifications:

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

Hook Cam

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



**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

### 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

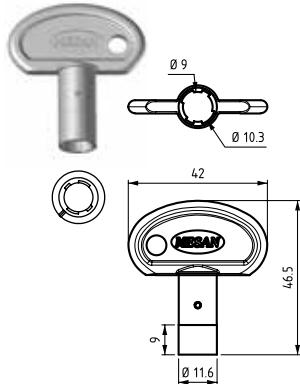


Item No.
16939
9mm Triangle

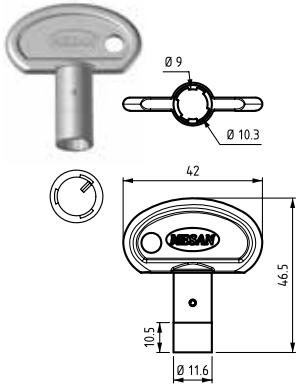
### Tubular Keys

#### Specifications:

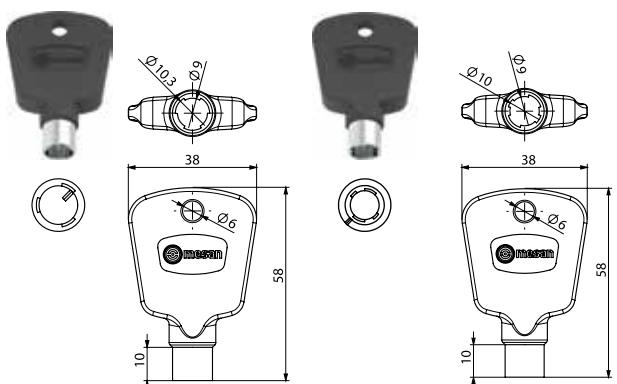
- Material: See Table
- Finish: See Table



Version 1



Version 2



Version 3

Version 4

- Version 3 - Suitable for 140 Series compression latches
- Version 4 - Suitable for 040 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

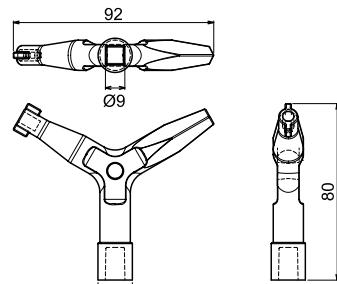
### Multi-Key

#### Specifications:

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



Item No.	Description
56813	Double Bit, Square, Railway



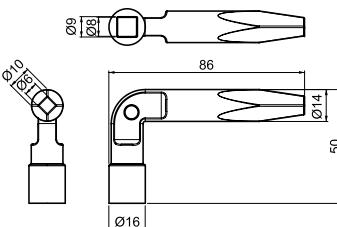
### Railway Key

#### Specifications:

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



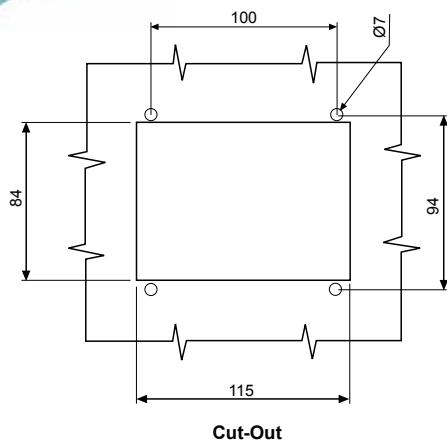
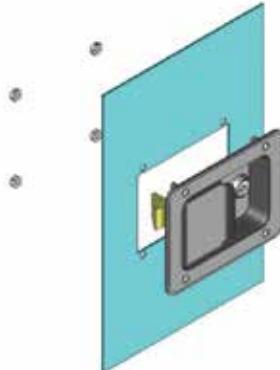
Item No.	Description
56913	Square, Railway



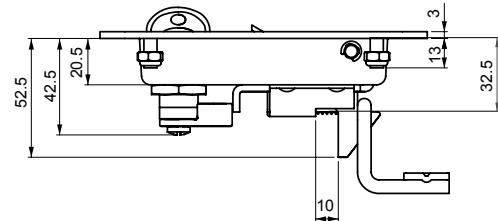
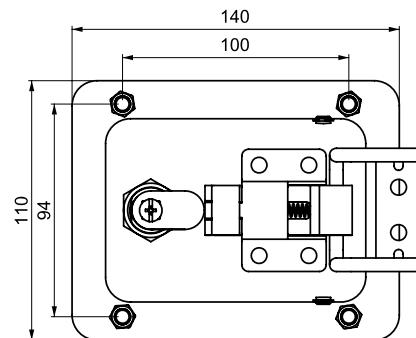


## 016 Series

## Heavy Duty Latches - Push to Close Latch



Cut-Out



## Specifications:

- Material: See Table
- Screw: Stainless Steel
- Seal: Polyurethane
- Supplied with one key

## Features:

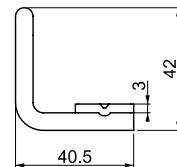
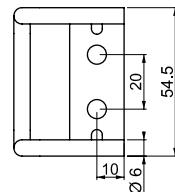
- Slam-shut operation
- Can be opened from inside by moving Cam

**⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.**

Item No.	Material	Finish	Cylinder Description	Cam Striking Plate
01662031	Steel	Black Powder Coated	Black Steel Shutter (Keyed Alike)	016A71
01662321	Steel	Black Powder Coated	Black Steel Shutter (Keyed to Differ)	016A71
01662011	Steel	Black Powder Coated	No Cylinder, Padlock Only	016A71
01640031	Stainless Steel	Natural	Stainless Steel Shutter (Keyed Alike)	016A740
01640321	Stainless Steel	Natural	Stainless Steel Shutter (Keyed to Differ)	016A740

## 016A Series

## Cam Striking Plate



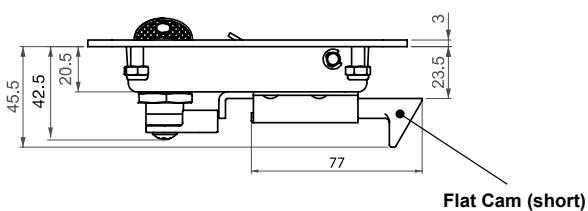
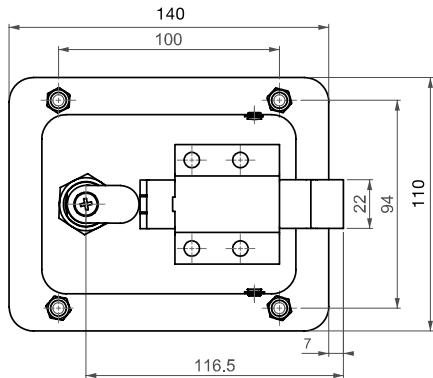
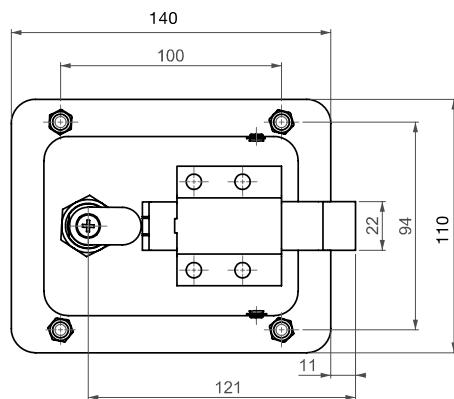
## Specifications:

- Material: See Table
- Finish: See Table

## Features:

- Strike plate used with 016 Series

Item No.	Material	Finish
016A71	Steel	Zinc Plated
06A740	Stainless Steel	Natural

**HEAVY DUTY LATCHES****016 Series****Heavy Duty Latches - Push to Close Latch****Version 2****Specifications:**

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

**Features:**

- Can be opened from inside by moving Cam

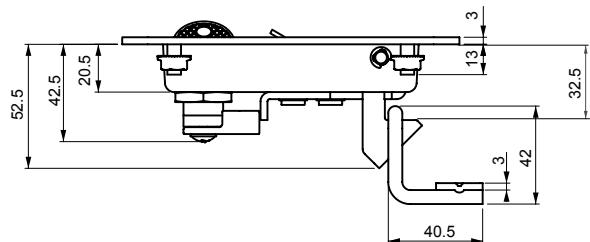
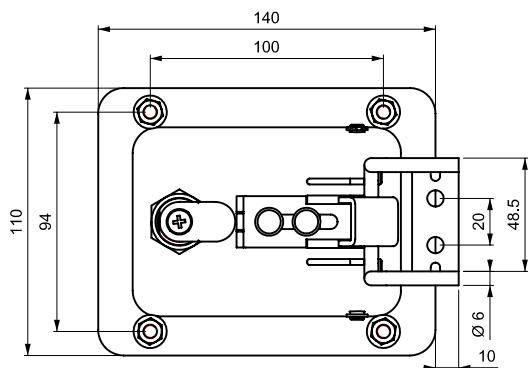
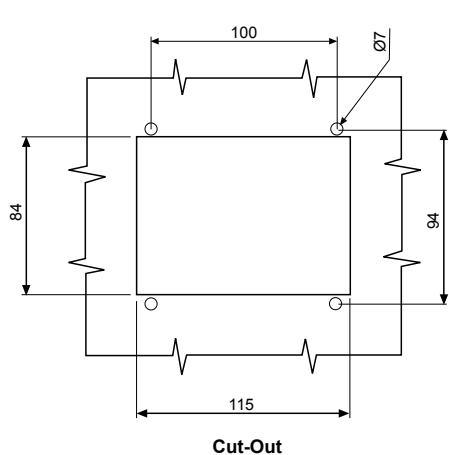
**⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.**

Item No.	Version Type	Cam Length	Cylinder Description
01662032	2	77	Stainless Steel Shutter (Keyed Alike)
01662322	2	77	Stainless Steel Shutter (Keyed to Differ)
01662033	3	81	Stainless Steel Shutter (Keyed Alike)
01662323	3	81	Stainless Steel Shutter (Keyed to Differ)



## 016 Series

## Heavy Duty Latches - Push to Close Latch



## Specifications:

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

## Features:

- Can be opened from inside by moving Cam

**⚠ STRIKE PLATE SOLD SEPARATELY, SEE TABLE.**

Item No.	Cylinder Description	Cam Striking Plate
01662034	Stainless Steel Shutter (keyed Alike)	016A71
01662324	Stainless Steel Shutter (Keyed to Differ)	016A71

## 016A Series

## Cam Striking Plate



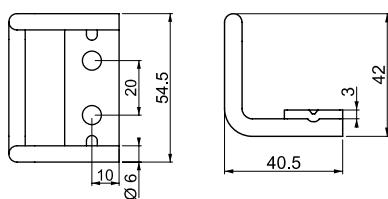
## Specifications:

- Material: See Table
- Finish: See Table

## Features:

- Strike plate used with 016 Series

Item No.	Material	Finish
016A71	Steel	Zinc Plated
06A740	Stainless Steel	Natural

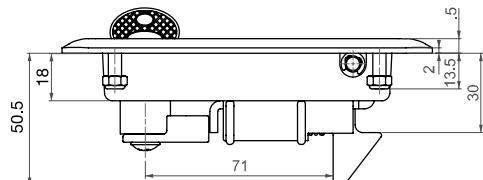
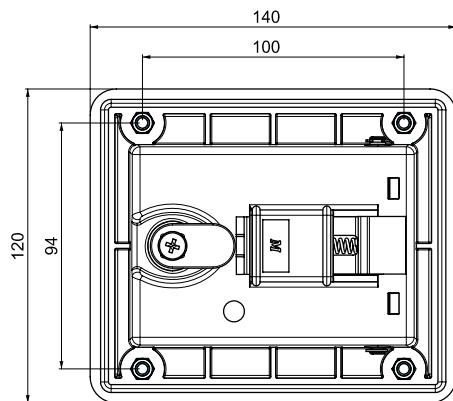
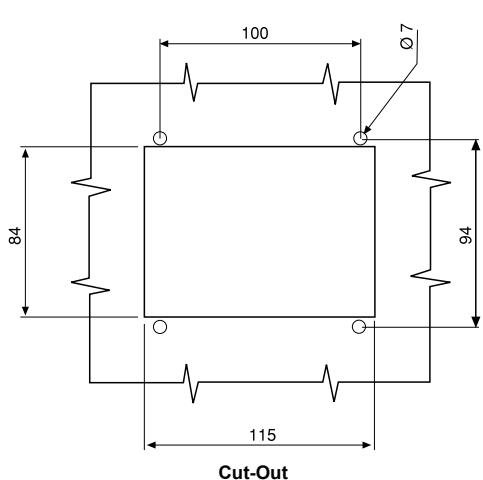




## HEAVY DUTY LATCHES

### 016 Series

#### 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.	Cylinder Description	Cam Material	Cam Striking Plate
016200301	Stainless Steel Shutter (Keyed Alike)	Brass	016A71
016203202	Stainless Steel Shutter (Keyed to Differ)	Delrin	016A71

### 016A Series

#### Cam Striking Plate



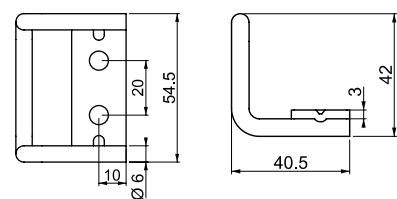
#### Specifications:

- Material: See Table
- Finish: See Table

#### Features:

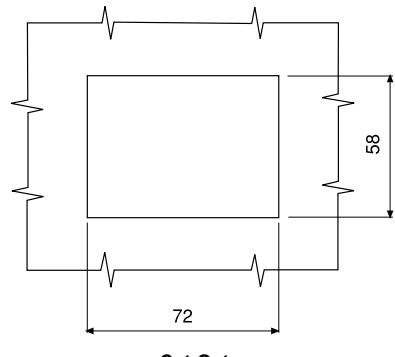
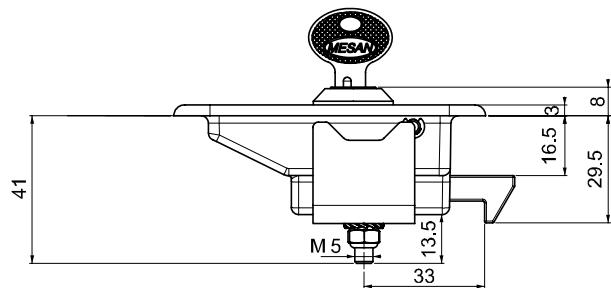
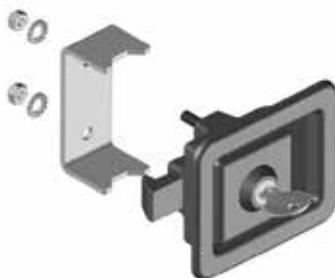
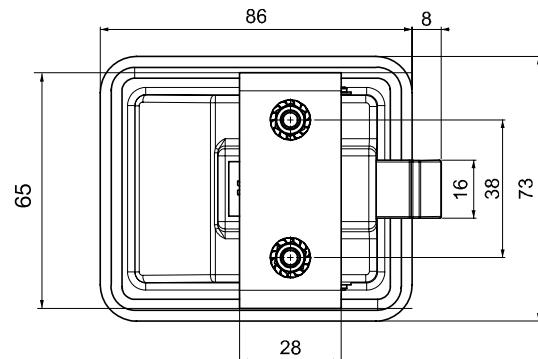
- Strike plate used with 016 Series

Item No.	Material	Finish
016A71	Steel	Zinc Plated
06A740	Stainless Steel	Natural





**116 Series**  
Push-To-Close Latch



**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

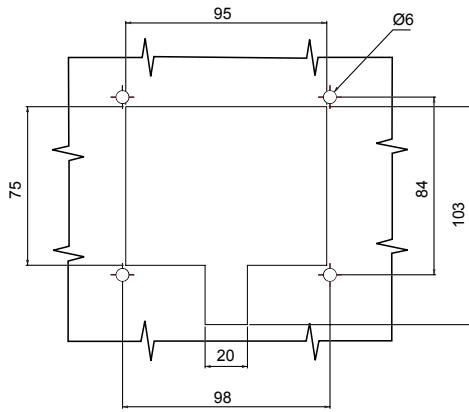
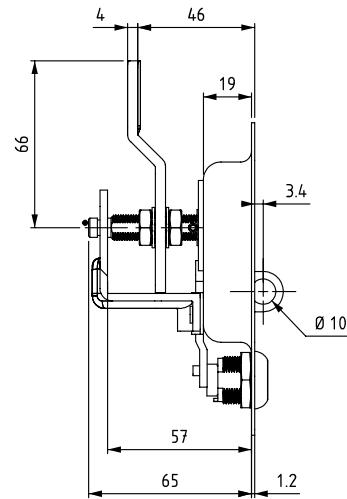
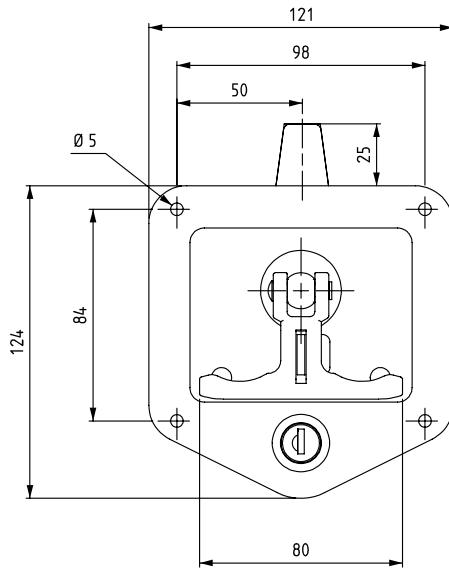
Item No.	Cylinder Description
11600M	No Cylinder
11601	Keyed Alike



## HEAVY DUTY LATCHES

315 Series

'T' Handle - Heavy-Duty Padlockable Latch

**Specifications:**

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

**Features:**

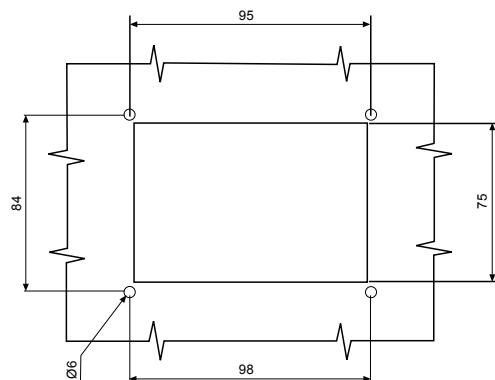
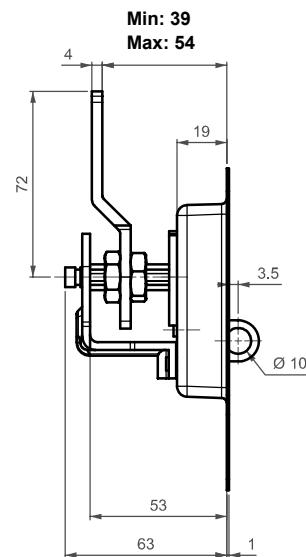
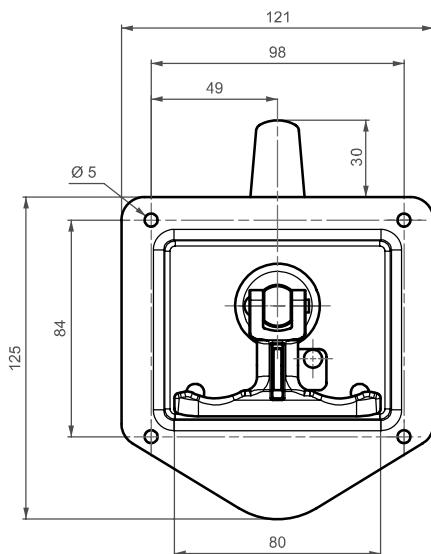
- Suitable for small case generators, truck utility and tool boxes
- Adjustable Cam for wide grip range
- Maximum padlock shackle diameter 9mm

Item No.	Cylinder Description
315	Stainless Steel Shutter (Keyed Alike)



## 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

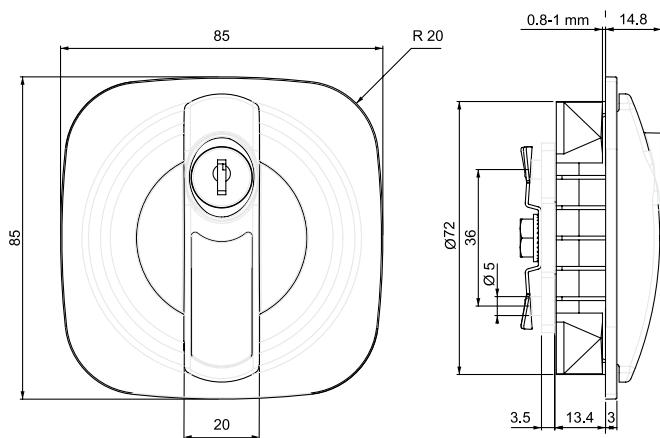
Item No.
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115

# HEAVY DUTY LATCHES

## 035 Series

### Steel Cabinet Latch



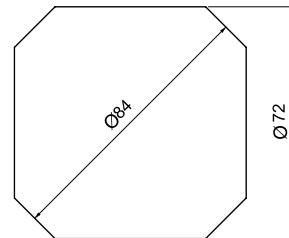
#### Specifications:

- 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

**⚠ CAMS SOLD SEPARATELY, SEE CABINET LATCHING CAMS BELOW.**



Cut Out

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

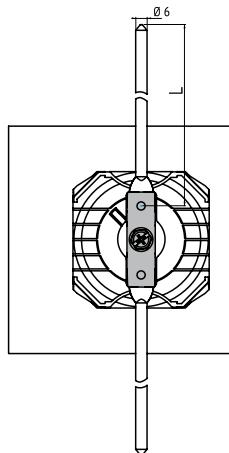
##### Cabinet Latching Cams



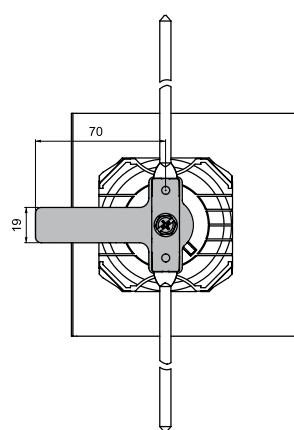
Version 1



Version 2



2 Point Locking Zinc Alloy Cam



3 Point Locking Steel Cam

#### Specifications:

- Material: See Table

#### Features:

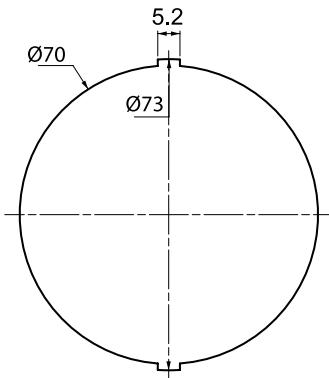
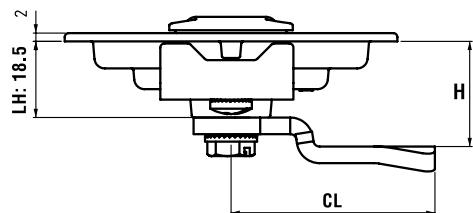
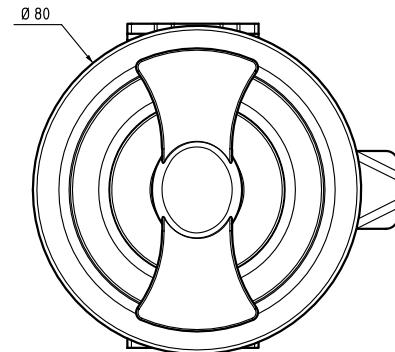
- For rod system details, Please contact Essentra for details

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 410 - 411.**

Item  
No.

0132111100

## HEAVY DUTY LATCHES

## 012 Series

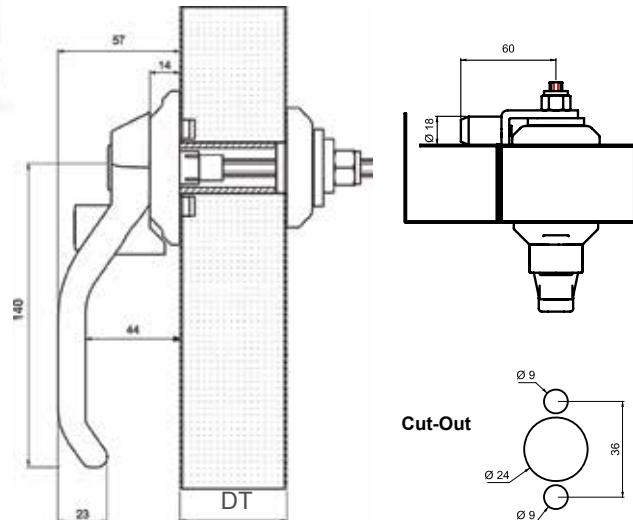
## HVAC Handle - Locks



Cylinder System



No Cylinder



## 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

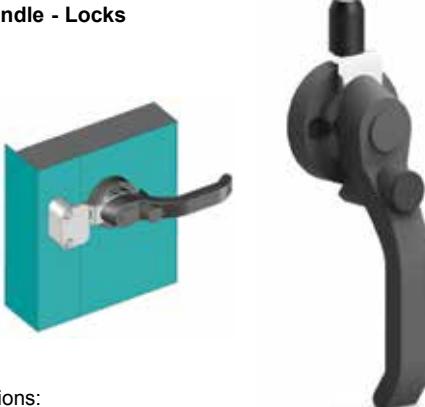
## Features:

- 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

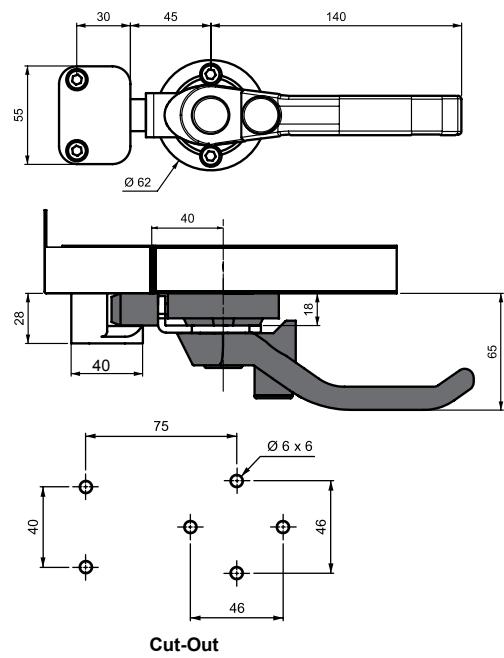


## Specifications:

- 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:

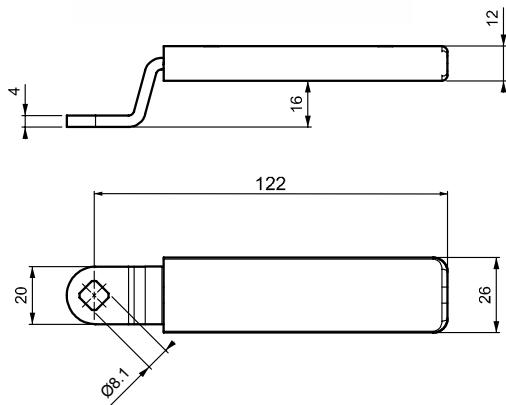
- Outside locking system provides safety for pressurized doors
- Roller style cam requires less force for locking



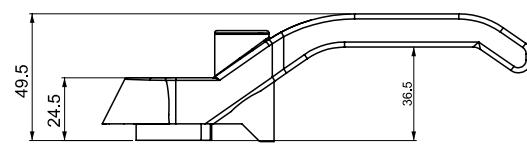
Item No.
01220001



**012A Series**  
Internal Safety Handles



Version 1



Version 2

## Specifications:

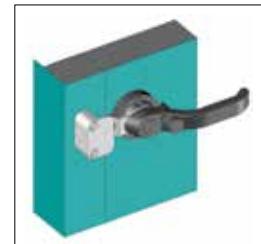
- Material: See Table
- Finish/Color: See Table

## 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:

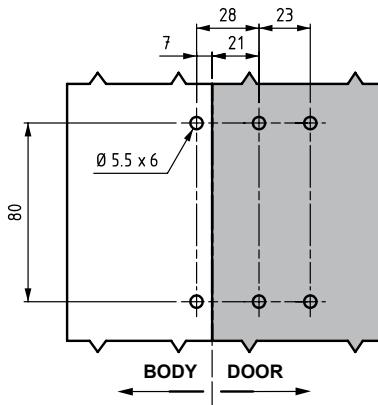
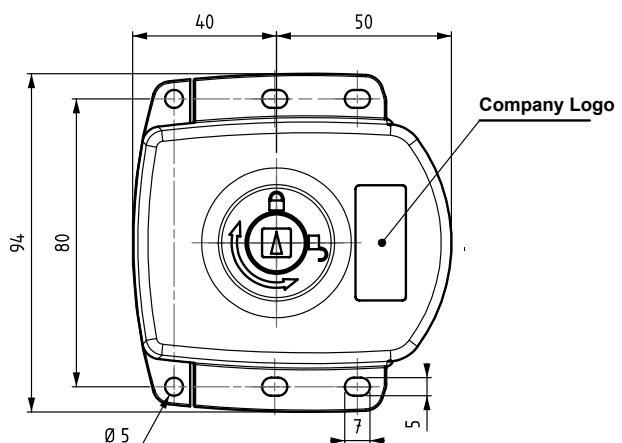
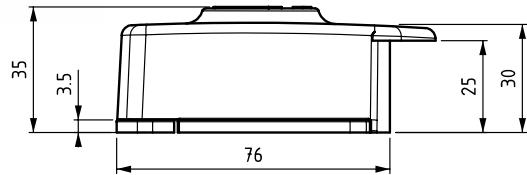
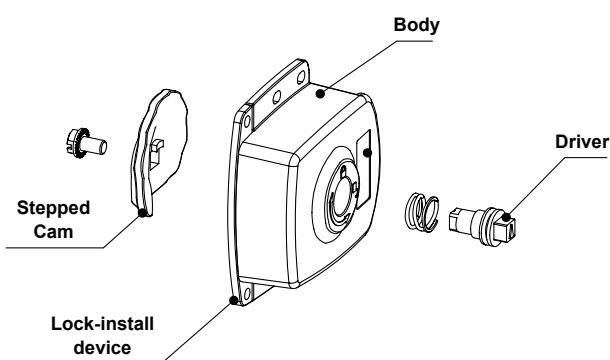
- Material: Zinc Alloy

## Features:

- Used with locking handles, see series 012 HVAC Locks

Item No.
012A2

## HEAVY DUTY LATCHES

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

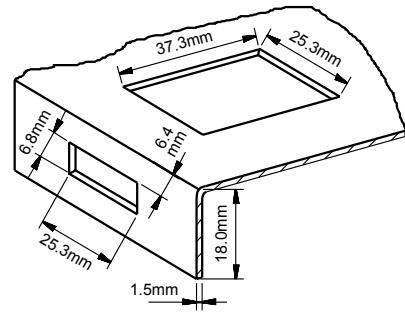
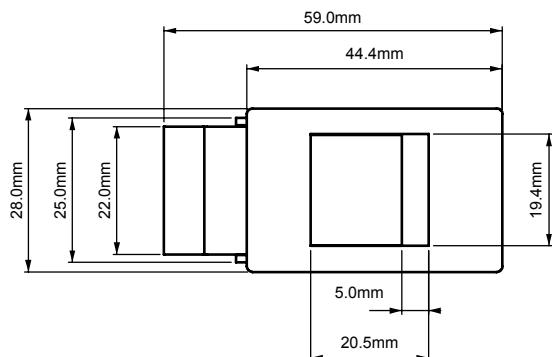
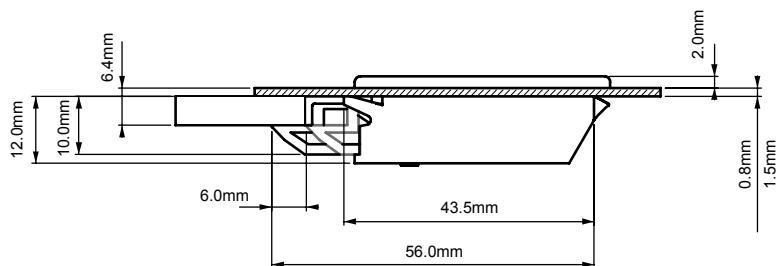
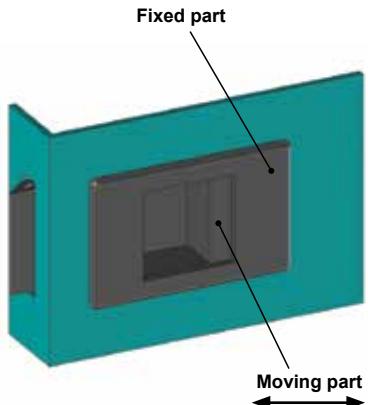
**⚠ DRIVER KEY SOLD SEPARATELY. SEE PAGES 417 - 418.**

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



**271 Series**  
Sliding Lock / Latch



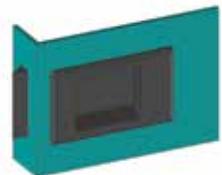
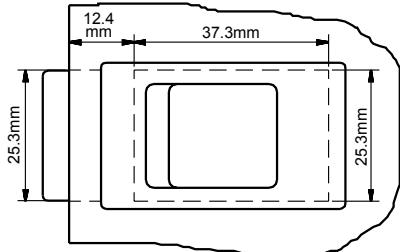
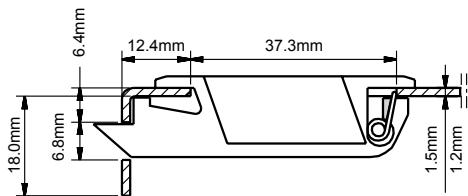
Cut-Out

## Specifications:

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

## Features:

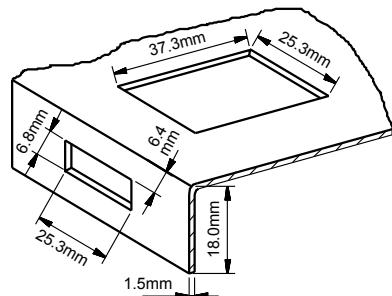
- Two-piece design eliminates paint problem on doors
- Ideal for small metal machinery covers
- Easy assembly with clips on body
- Suitable for panel thickness between 0.8 - 1.5mm
- Key lock available, contact Essentra for details

**SLIDING LATCHES & CLAMPS****071 Series****Sliding Lock/Latch****Specifications:**

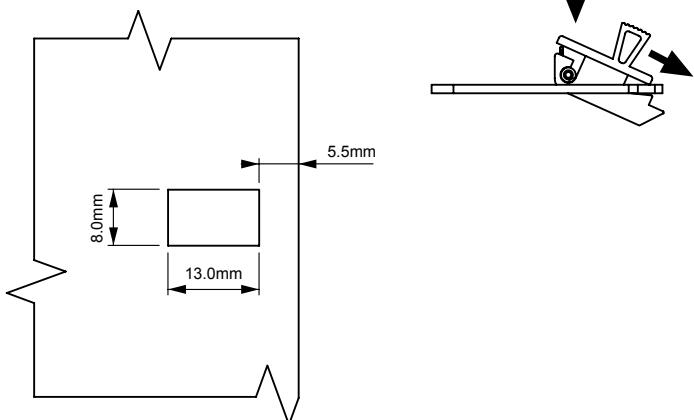
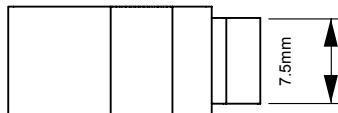
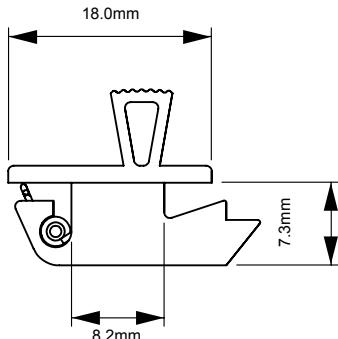
- Material: ABS
- Spring: Stainless Steel
- Finish: Natural

**Features:**

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

**Cut-Out**

Item No.	Door Thickness (DT)	
	mm	
07112	0.8 - 1.2	
07115	1.2 - 1.5	

**171 Series****Mini Sliding Locks****Cut-Out****Specifications:**

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

**Features:**

- Suitable for small doors and inside panels

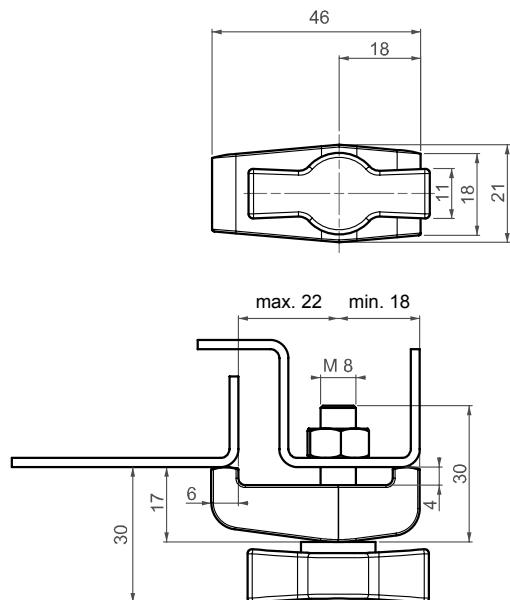
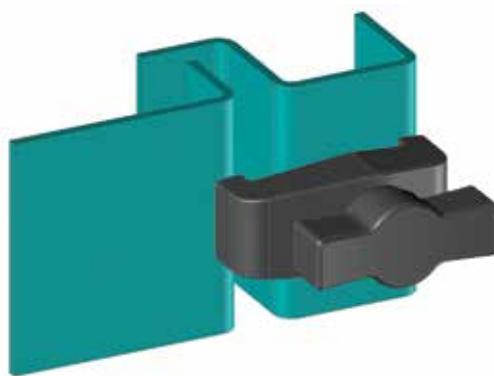
Item No.	Door Thickness (DT)	
	mm	
171	0.8 - 1.5	



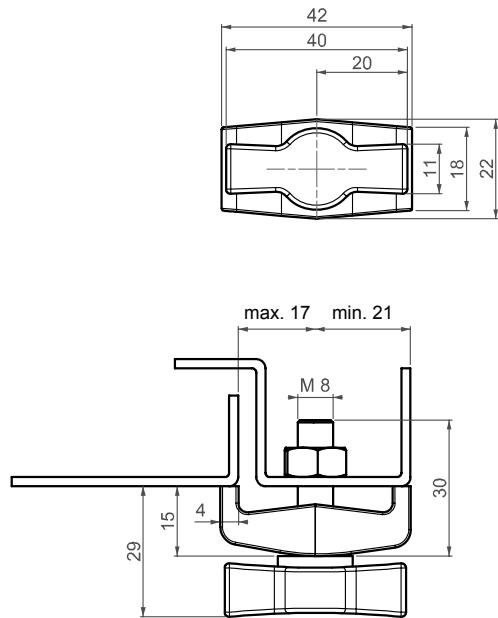
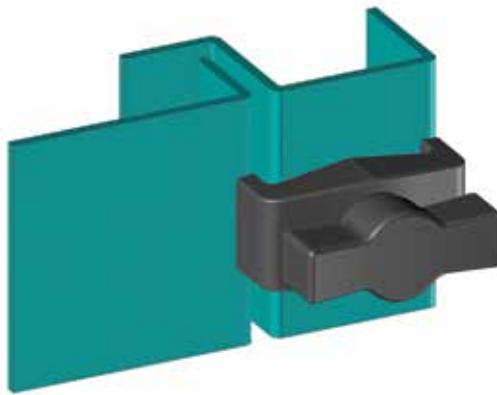
**462 Series**  
**Bridge Clamps / Latches**



**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

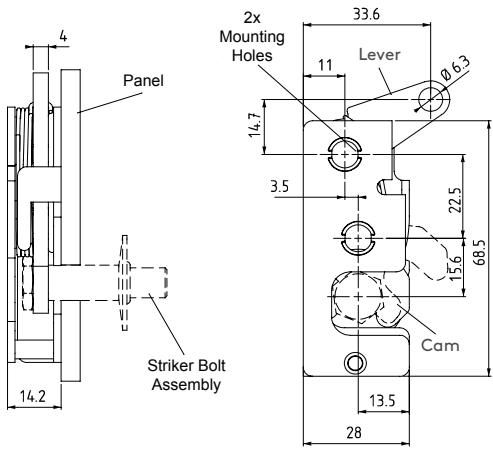
Item No.	Version Type
4621	1
4622	2



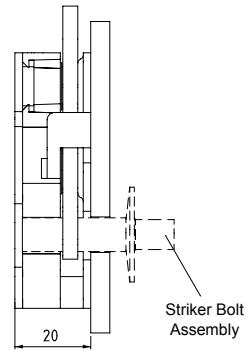
## ROTARY LATCHES

## 2800 Series

## Rotary Latches - Concealed Mini Version



Standard Version

Bumper Version  
(Dimensions same as standard version except as shown)

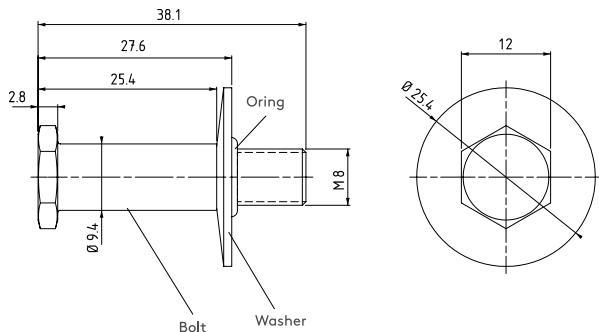
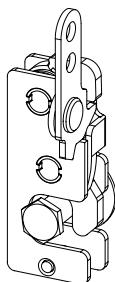
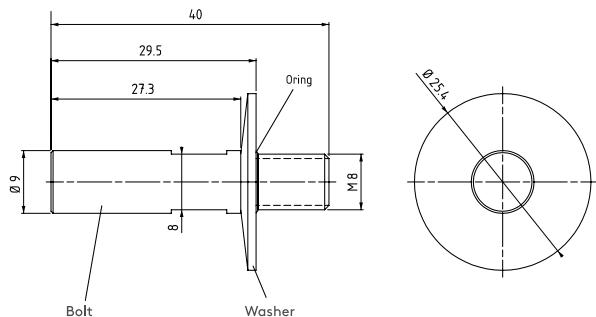
## Specifications:

- Material: Steel
- Finish: Zinc Plated

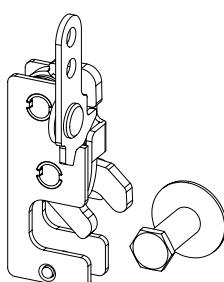
## Features:

- Push-to-close operation
- Hand-Actuated
- Striker Bolt sold separately, see page 435
- Please contact Essentra for alternate lever types (Bottom, Top, In Line, Perpendicular and Two Point)

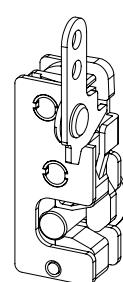
Item No.	Version	Mounting Type	Actuation	Hand Operation
28001411001	Standard	7.2mm hole	Single Stage	Right
28001411002	Standard	7.2mm hole	Single Stage	Left
28001421001	Standard	M6 X 1 Thread	Single Stage	Right
28001421002	Standard	M6 X 1 Thread	Single Stage	Left
28001431001	Standard	1/4-20 Thread	Single 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

**SB Series****Striker Bolt - For Concealed Mini Rotary Latch****Version 1****Version 2**

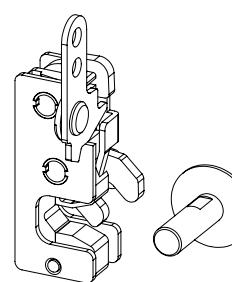
Locked position



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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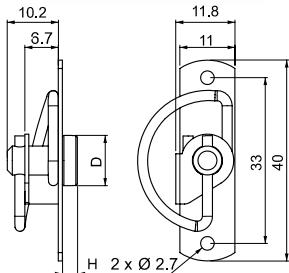


**SEND US A FAX**  
 866 561 6617

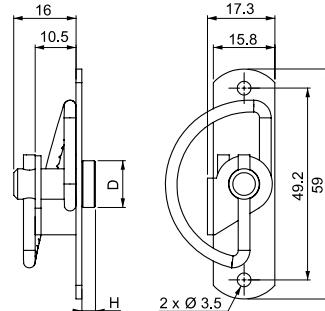
# SPECIALTY LATCHES & TOGGLE CLAMPS

## 045 Series

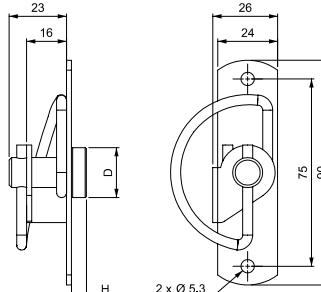
## Compression Spring Latch



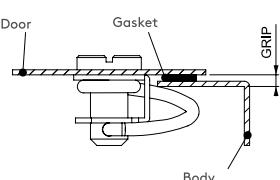
Version 1 - Small



Version 2 - Medium



Version 3 - Large



## 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

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

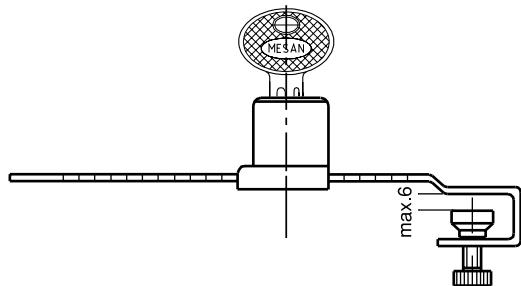
Item No.	Version	Body/Driver Material	Finish	Driver Description	Driver Style	Cam Description
0451401241	1	Stainless Steel	Natural	Slot, Small	12	Smooth Spring
0451401341	1	Stainless Steel	Natural	Knurled, Small	13	Smooth Spring
0452402242	2	Stainless Steel	Natural	Slot, Medium	22	Smooth Spring
0452402252	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 &amp; TOGGLE CLAMPS



## 020 Series

## Sliding Glass Door Latches

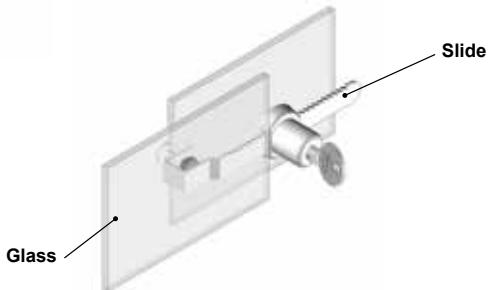


## Specifications:

- 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:

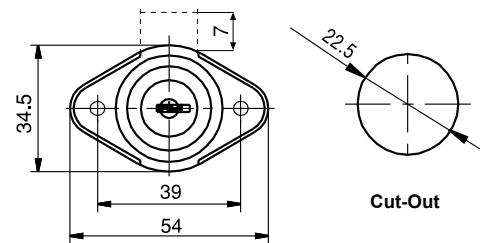
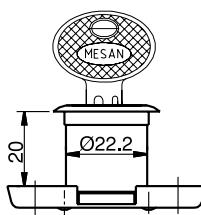
- Ideal application for glass cabinets and show cases



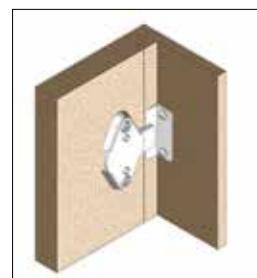
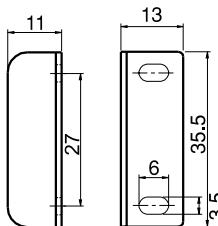
Item No.	Cylinder Description
02001	Keyed Alike
02002	Keyed to Differ

## 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

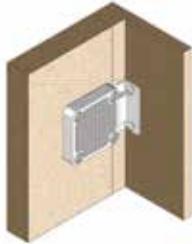
Item No.	Cylinder Description	Strike Plate Item No.
03001	Keyed Alike	030A1
03002	Keyed to Differ	030A1



ACCESS HARDWARE

## SPECIALTY LATCHES & TOGGLE CLAMPS

### 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

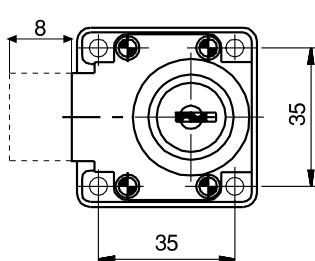
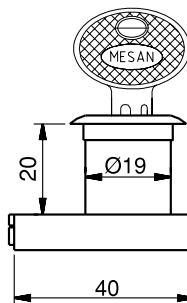
#### Features:

- Ideal application for furniture latching



#### Strike Plate - Optional

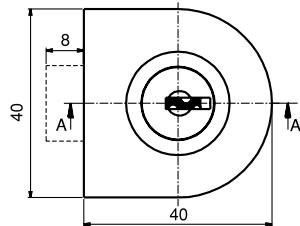
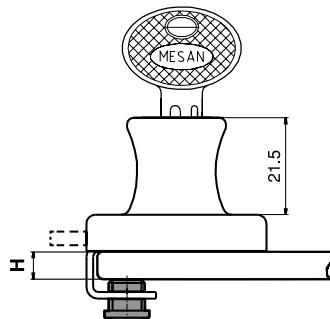
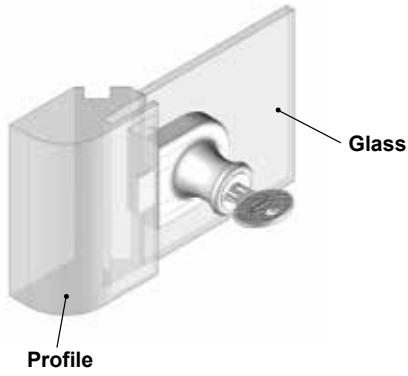
- Item No. 030A1
- Ordered separately



**⚠ 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:

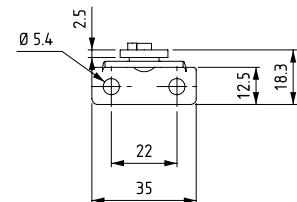
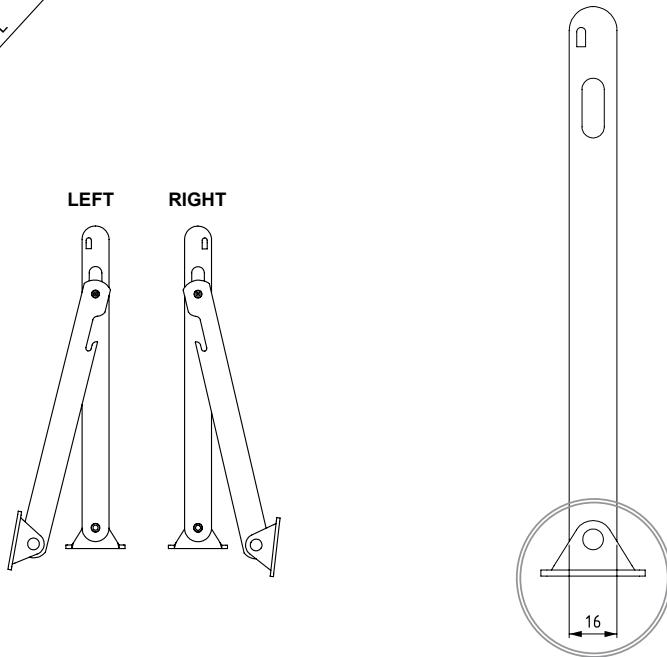
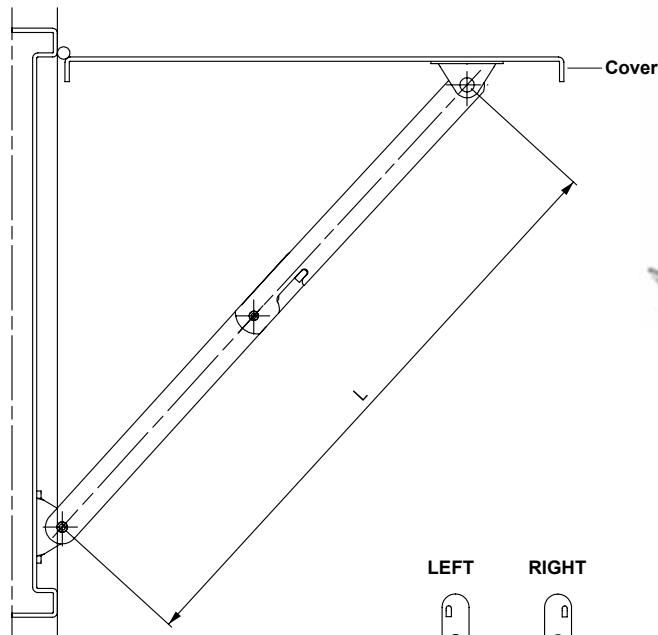
- Ideal application for glass cabinets and display cases

Item No.	Cylinder Type	Glass Thickness (H)
02101	01	4mm - 7mm
02102	02	4mm - 7mm



**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

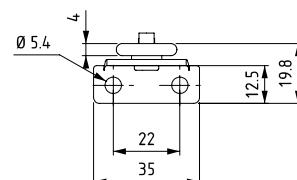
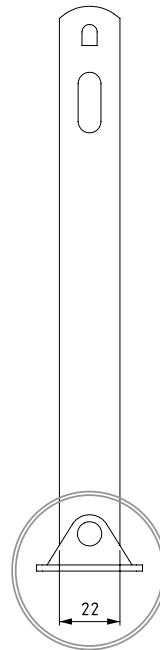
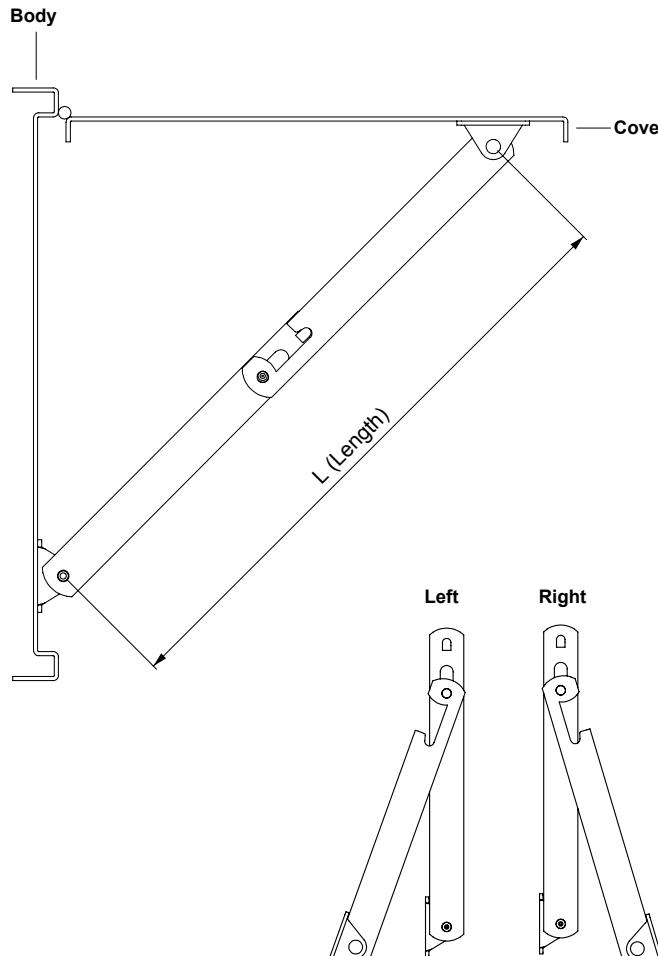
Item No.	Material	Finish	Length (L)	Hand Operation
07940135001	Stainless Steel	Natural	135	Right
07940135002	Stainless Steel	Natural	135	Left
07940202001	Stainless Steel	Natural	202	Right
07940202002	Stainless Steel	Natural	202	Left
07940292001	Stainless Steel	Natural	292	Right
07940292002	Stainless 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



ACCESS HARDWARE

## COVER STAYS

279 Series  
Cover Stay Hinge

**Specifications:**

- Material: See Table
- Finish: See Table

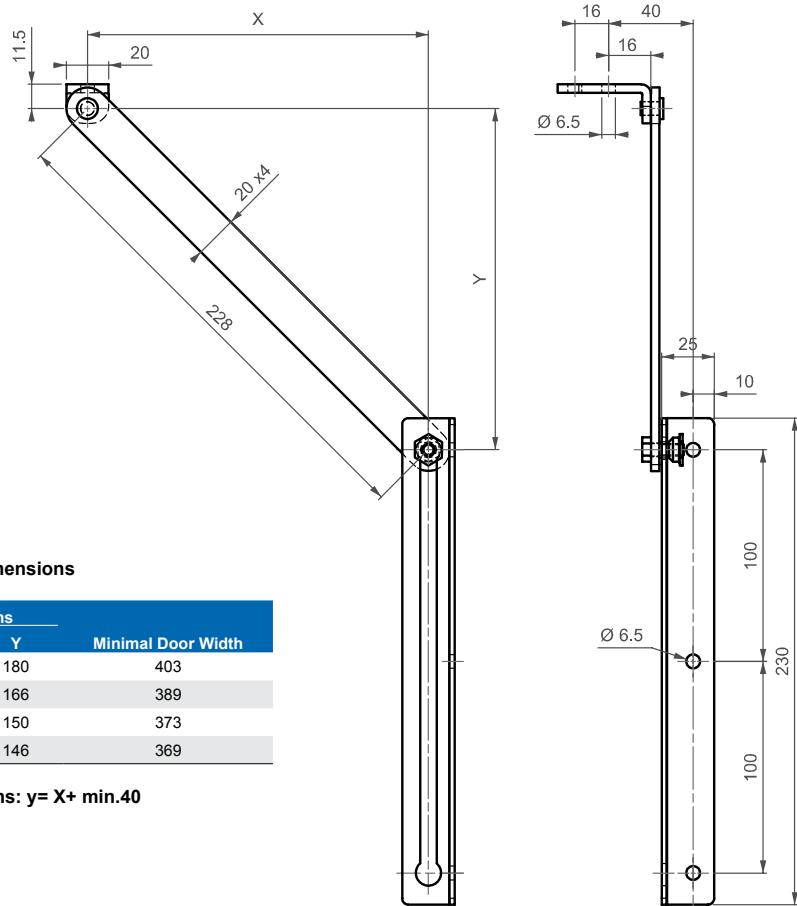
**Features:**

- 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



**179 Series**  
**Cover Stay Hinge**



**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

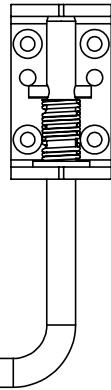
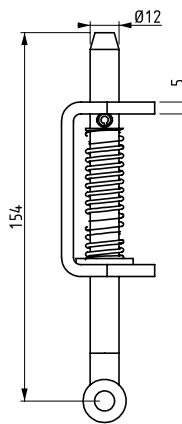
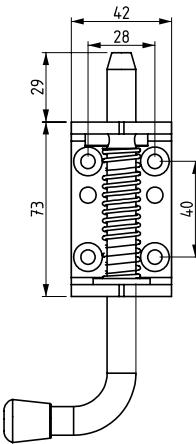
Item No.	Material	Finish
17940	Stainless Steel	Natural
17963	Steel	Zinc Plated



## SPECIALTY LATCHES & TOGGLE CLAMPS

### 2750 Series

#### Spring Loaded Latches



#### Specifications:

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

#### Features:

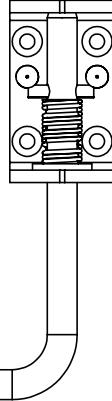
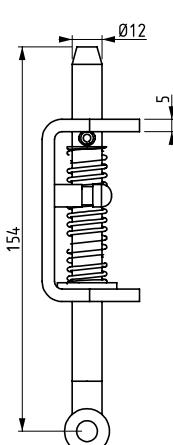
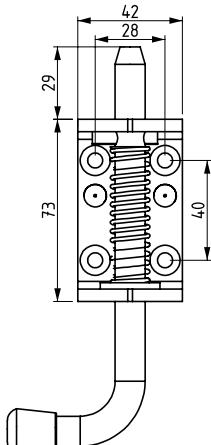
- Ideal for metal and wood applications

Item  
No.

275063

### 2751 Series

#### Spring Loaded Latches



#### Specifications:

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

#### Features:

- Ideal for metal and wood applications

Item  
No.

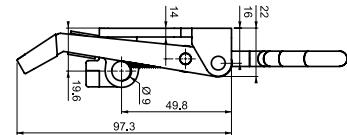
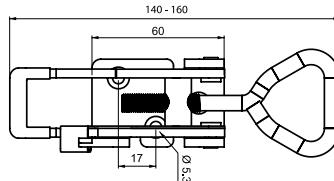
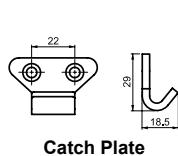
275163

## SPECIALTY LATCHES &amp; TOGGLE CLAMPS

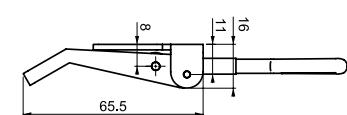
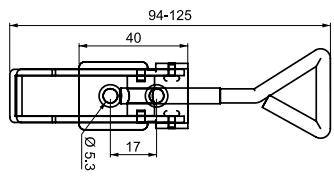
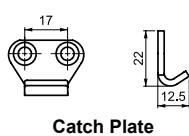

**340 Series**  
**Toggle Latch**

## Specifications:

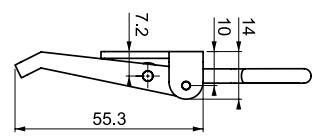
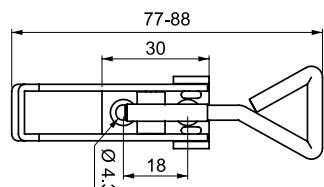
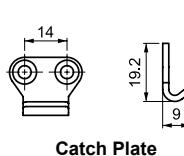
- Material: Steel
- Finish: Zinc Plated



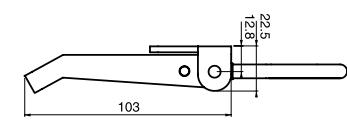
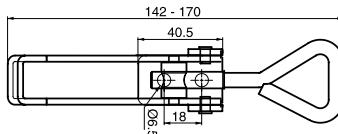
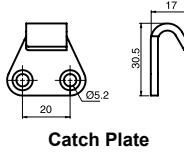
Item No.  
34000135



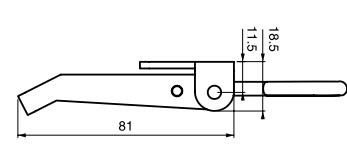
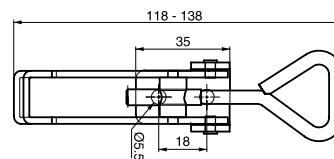
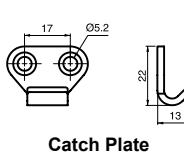
Item No.  
34000133



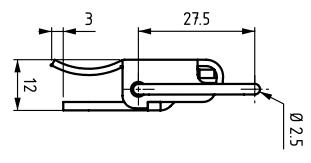
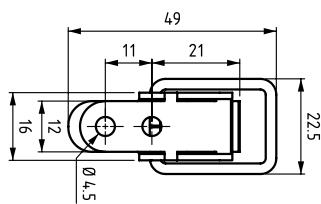
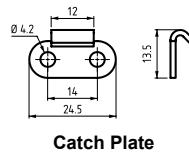
Item No.  
34000131



Item No.  
2702



Item No.  
2701



Item No.  
2700

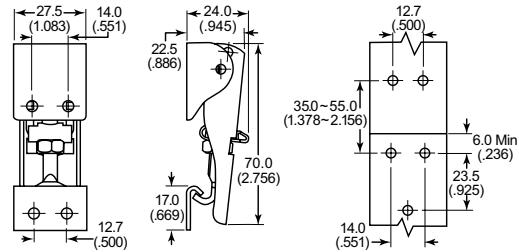
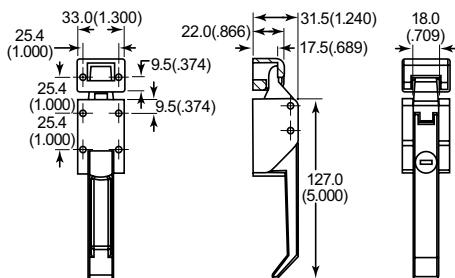
**SPECIALTY LATCHES & TOGGLE CLAMPS****LAAD Series**  
**Adjustable Draw Latch**

## Specifications:

- Material: See Table

## Features:

- Adjustable design
- Secondary lock button to prevent accidental opening
- Designed for M4 fitting (not supplied)

**LAOC Series**  
**Over Center Compression Latches**

## Specifications:

- Material:
  - Base: Zinc Alloy
  - Internal Pin: Stainless Steel
- Finish: Black Powder Coated

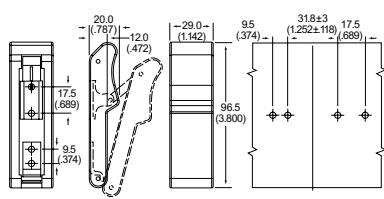
## Features:

- Keyed to Differ
- Designed for M5 fittings (not supplied)

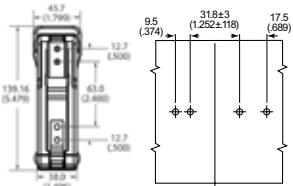
Item No.	Type
LAOC100A	Locking
LAOC200A	Non-Locking

**LAFL Series**  
**Flexible Over Center Latch**

Type 1



Type 2



## Specifications:

- Material:
  - Base: TPE
  - Bracket and Keeper: Stainless Steel

## Features:

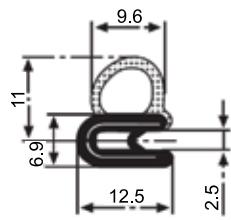
- Low profile design
- Non-corrosive
- Designed for M4 or #8 Screws (not included)

Item No.	Type
LAFL100A	1
LAFL200A	2

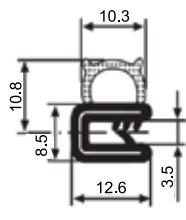


## Gaskets - Profile Sealing

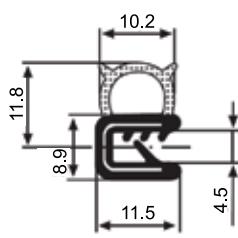
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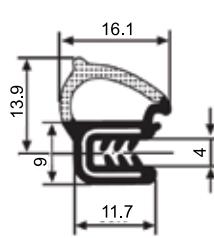
34009007



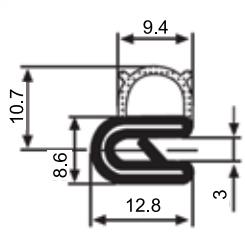
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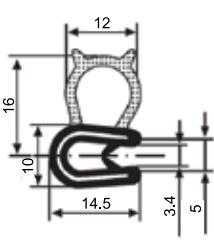
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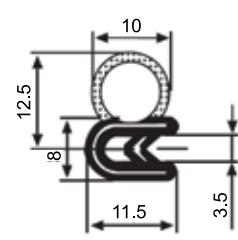
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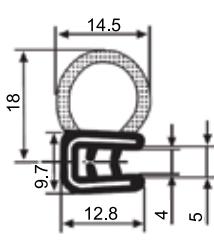
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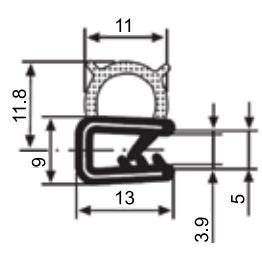
34009004



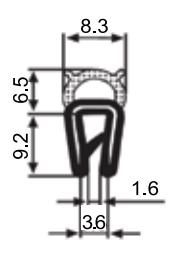
34009029



34009006



34009103



## Specifications:

- Material: EPDM
- Color: Black

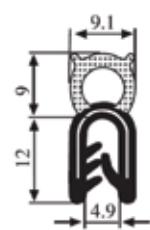
Item No.	Grip Range		Roll Length		Pack Qty.
	mm	ft	m	ft	
34009001	1.0 - 2.0	328	100	328	1
34009002	1.0 - 3.0	328	100	328	1
34009003	1.0 - 2.5	328	100	328	1
34009004	1.0 - 2.0	328	100	328	1
34009006	1.0 - 3.0	328	100	328	1
34009007	1.0 - 2.0	328	100	328	1
34009010	1.5 - 3.0	164	50	164	1
34009014	1.0 -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



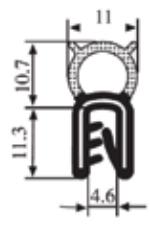
## GASKETS

### Gaskets - Profile Sealing

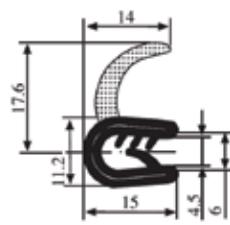
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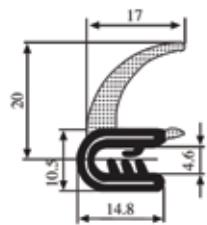
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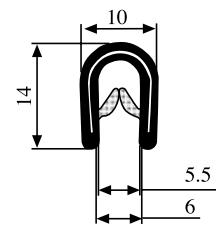
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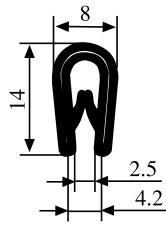
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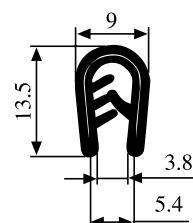
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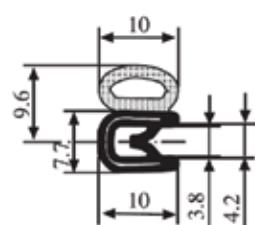
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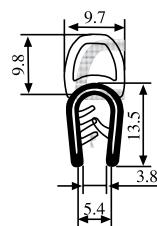
34009523



34009701



34009802

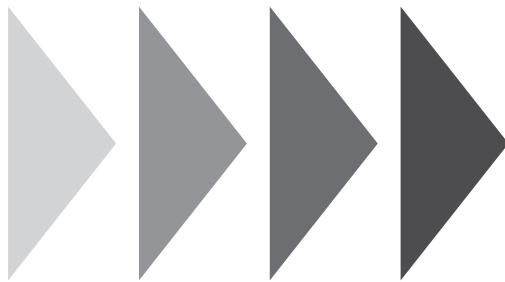


#### Specifications:

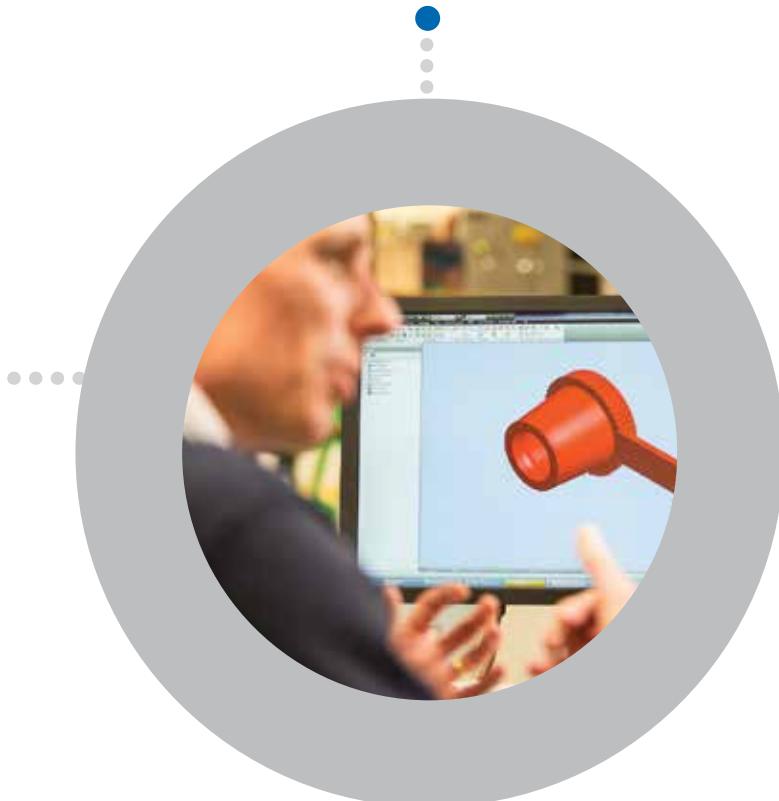
- Material: See Table
- Color: Black

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

\*Roll Length is 2 separate 50m rolls



# CUSTOM SOLUTIONS AVAILABLE



Looking for a  
different color,  
material, size... or  
something else?

We Can Create It!

- Expert In-House Engineering Design Team
- 3D CAD & 3D Printing Technology Available
- Rapid Prototyping to Bring Your Ideas to Life



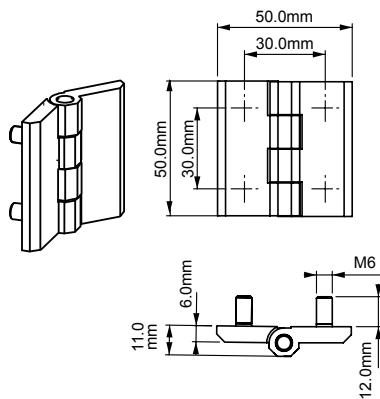


## SURFACE MOUNT HINGES

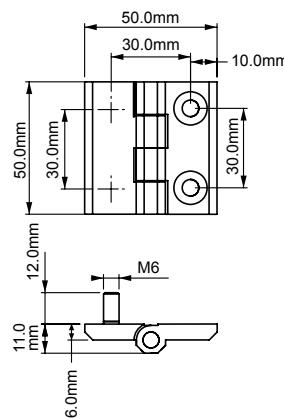
099 Series  
Surface Mount Hinges

Suitable for  
Left or Right Hand

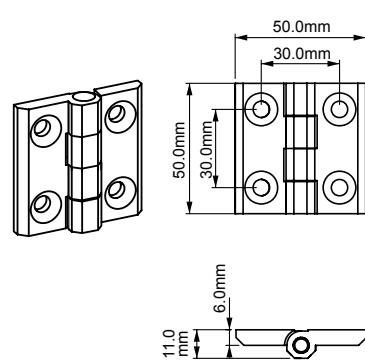
Version 1



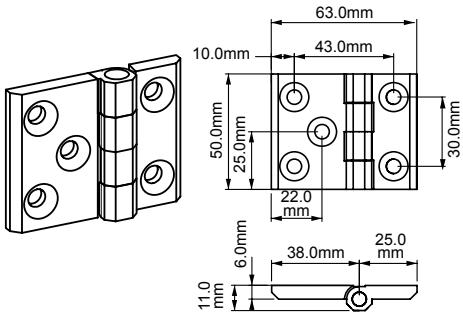
Version 2



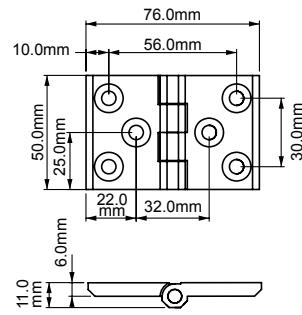
Version 4



Version 5



Version 6



## Specifications:

- Material: See Table
- Pin Material: See Table
- 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)

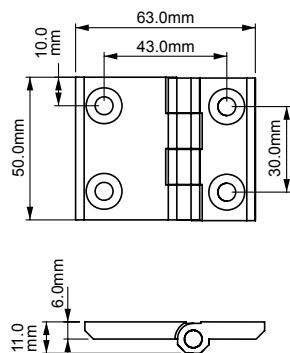
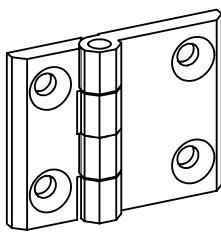


**099 Series**  
**Surface Mount Hinges (Continued)**

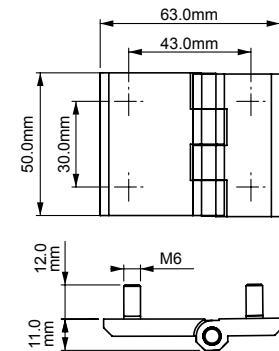
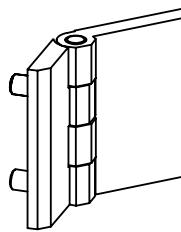


Suitable for  
Left or Right Hand

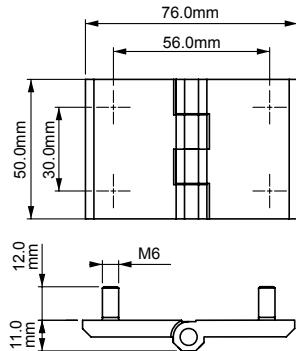
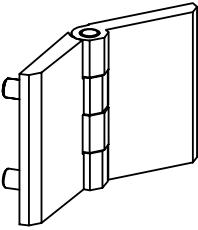
Version 7



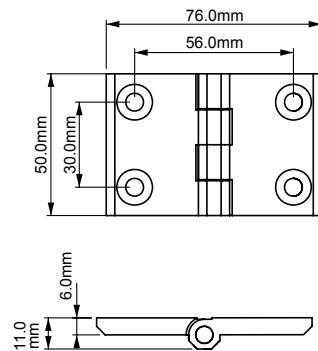
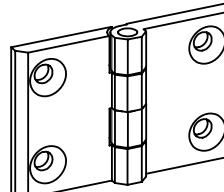
Version 8



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

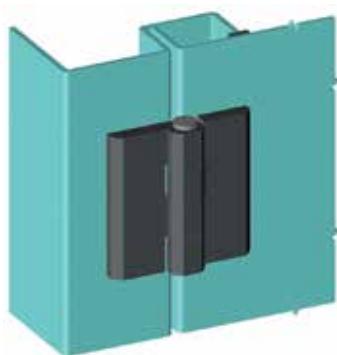
Item No.	Material	Finish	Version
099117	Zinc Alloy	Chrome Plated	7
099118	Zinc Alloy	Chrome Plated	8
099119	Zinc Alloy	Chrome Plated	9
099110	Zinc Alloy	Chrome Plated	10
099127	Zinc Alloy	Black Powder Coated	7
099128	Zinc Alloy	Black Powder Coated	8
099129	Zinc Alloy	Black Powder Coated	9
099120	Zinc Alloy	Black Powder Coated	10
099407	Stainless Steel	Electropolished	7
0994010	Stainless Steel	Electropolished	10



ACCESS HARDWARE

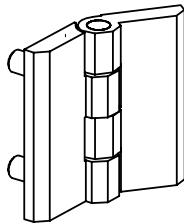
## SURFACE MOUNT HINGES

**199 Series**  
Surface Mount Hinges

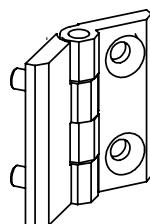


Suitable for  
LH RH  
Left or Right Hand

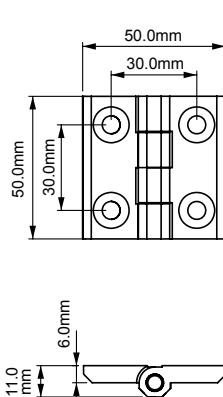
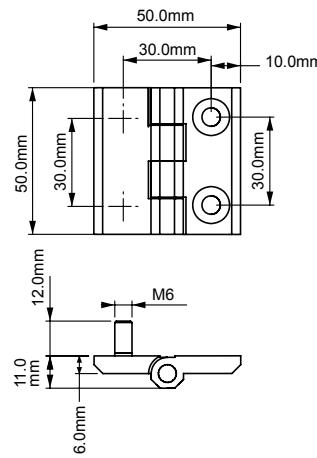
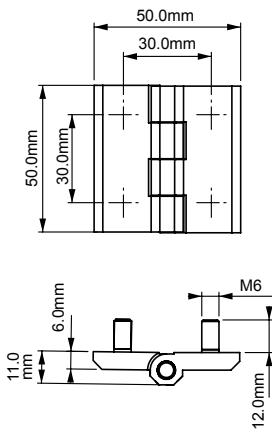
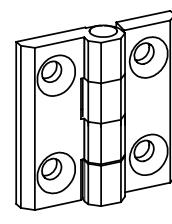
Version 1



Version 2



Version 3



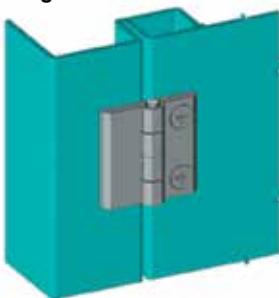
### Specifications:

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

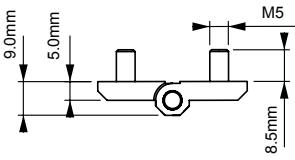
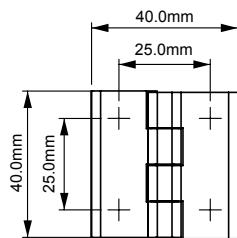
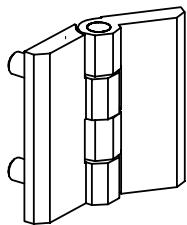
### Features:

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

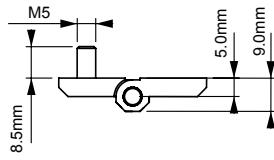
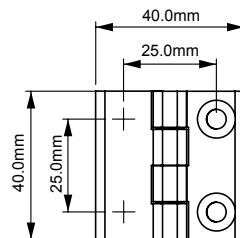
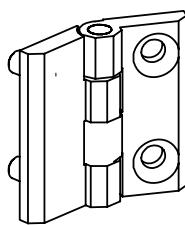
Item No.	Version
199201	1
199202	2
199203	3


**299 Series**  
**Surface Mount Hinges**

 Suitable for  
 LH RH  
 Left or Right Hand

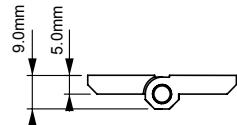
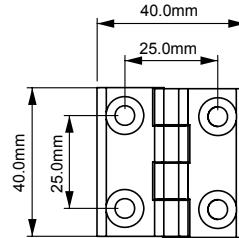
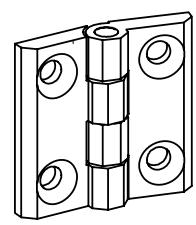
Version 1



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

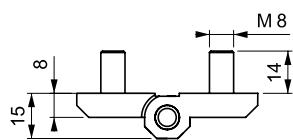
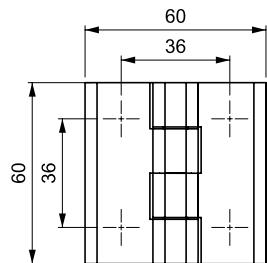
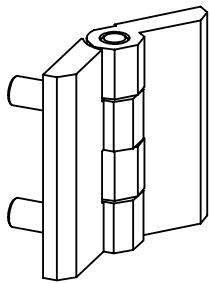
Item Number	Version	Material	Color / Finish
299201	1	Nylon	Black
299202	2	Nylon	Black
299203	3	Nylon	Black
299111	1	Zinc Alloy	Chrome Plated
299112	2	Zinc Alloy	Chrome Plated
299113	3	Zinc Alloy	Chrome Plated
299121	1	Zinc Alloy	Black Powder Coated
299122	2	Zinc Alloy	Black Powder Coated
299123	3	Zinc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

## SURFACE MOUNT HINGES

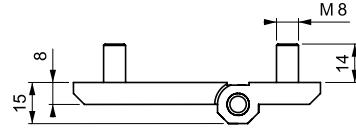
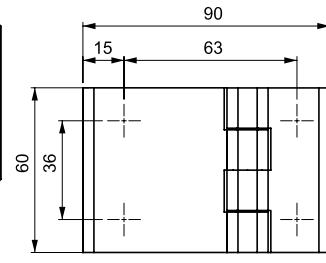
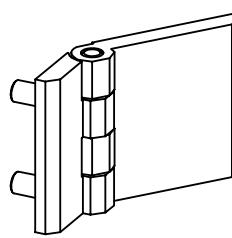
399 Series  
Surface Mount Hinges

Suitable for  
LH RH  
Left or Right Hand

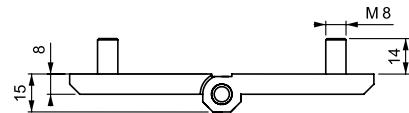
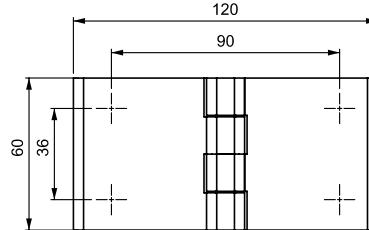
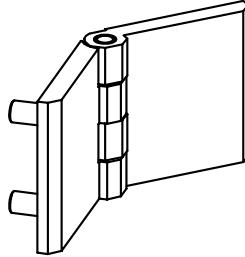
Version 1



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
39911	Chrome Plated	1
39912	Chrome Plated	2
39913	Chrome Plated	3
399121	Black Powder Coated	1
399122	Black Powder Coated	2
399123	Black Powder Coated	3

(Continued on next page)



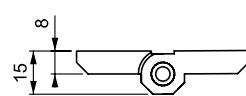
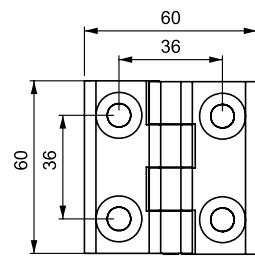
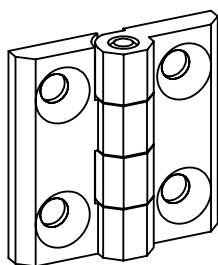
## 399 Series

## Surface Mount Hinges (Continued)

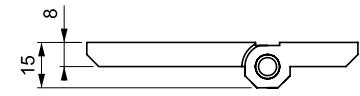
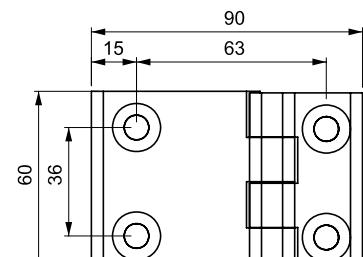
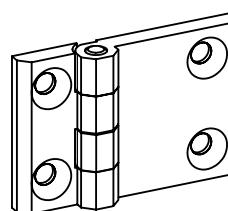


Suitable for  
Left or Right Hand

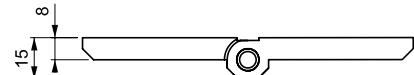
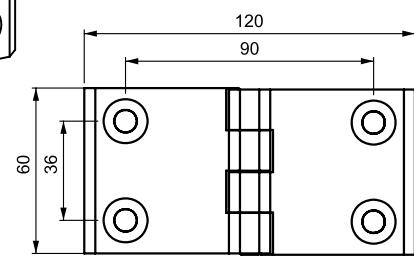
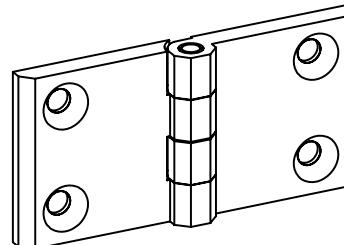
Version 4



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



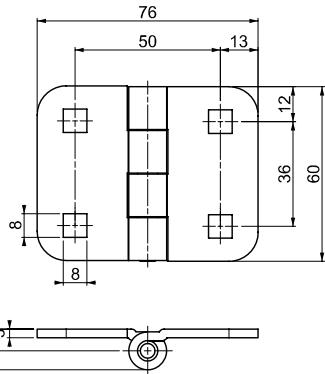
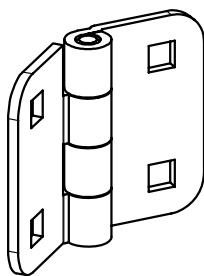
ACCESS HARDWARE

## SURFACE MOUNT HINGES

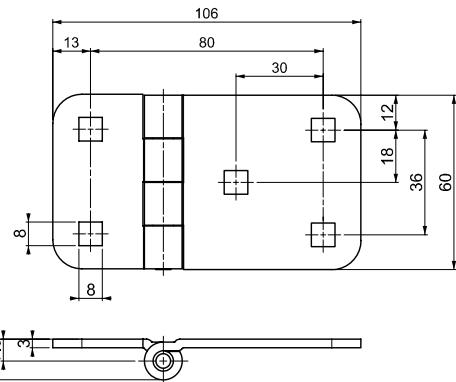
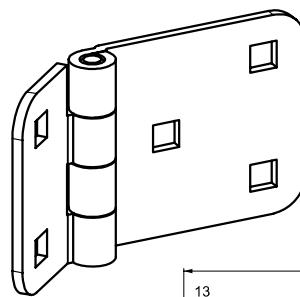
**499 Series**  
Leaf Hinge



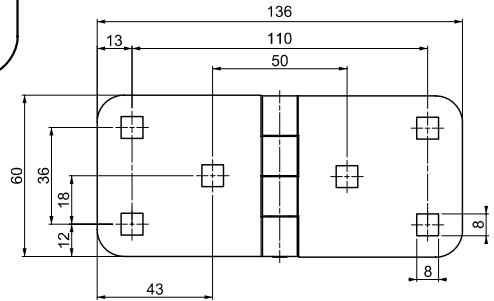
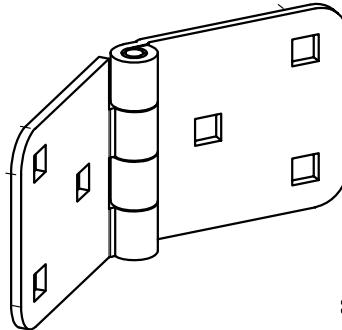
Version 1



Version 2



Version 3



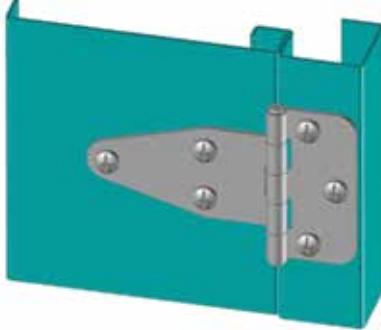
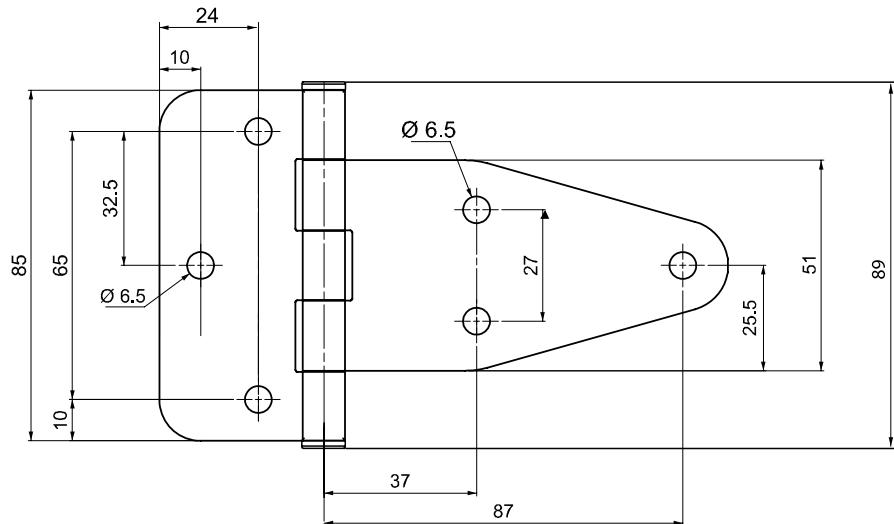
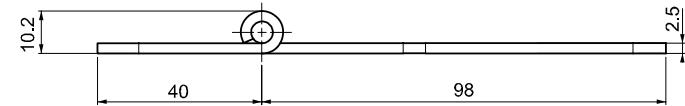
### Specifications:

- 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
499621	1
499622	2
499623	3


**599 Series**  
**Leaf Hinge**

 Suitable for  
 LH RH  
 Left or Right Hand

**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



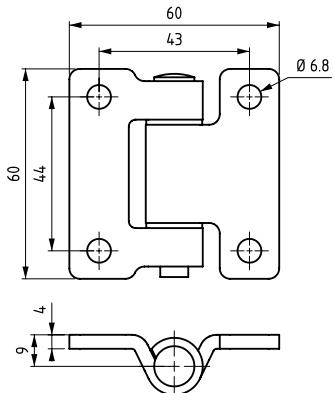
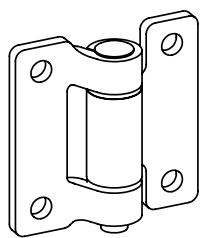
## SURFACE MOUNT HINGES

1599 Series  
Leaf Hinge

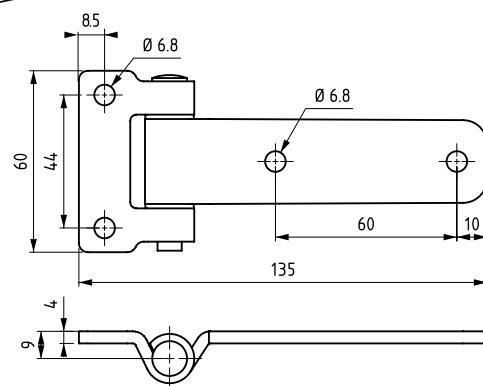
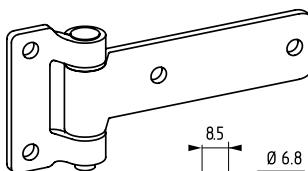


Suitable for  
LH RH  
Left or Right Hand

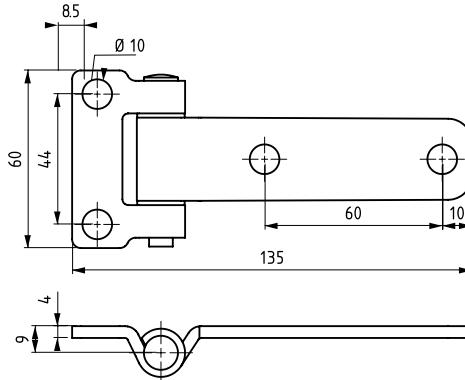
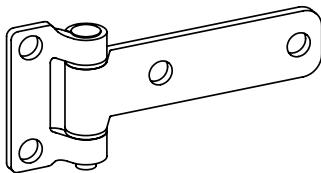
Version 1



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

(Continued on next page)

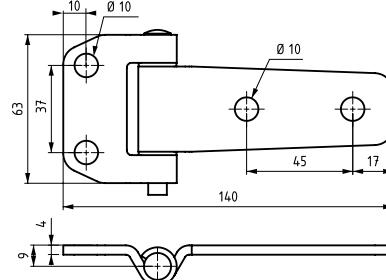
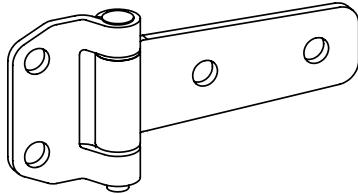


1599 Series  
Leaf Hinge (Continued)

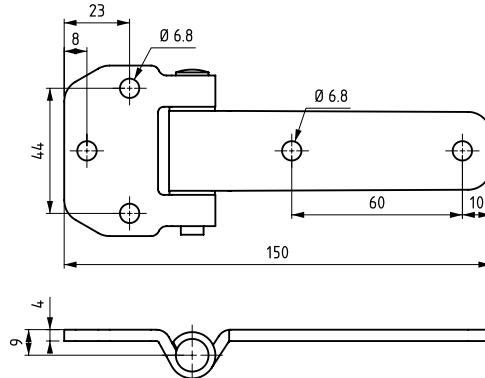
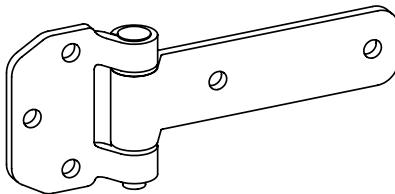


Suitable for  
LH RH  
Left or Right Hand

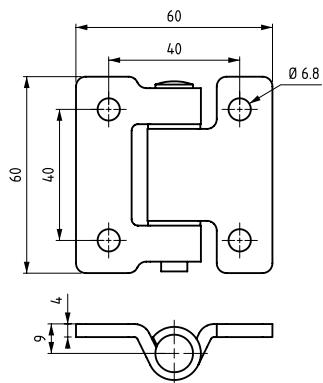
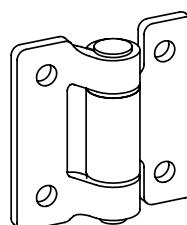
Version 4



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

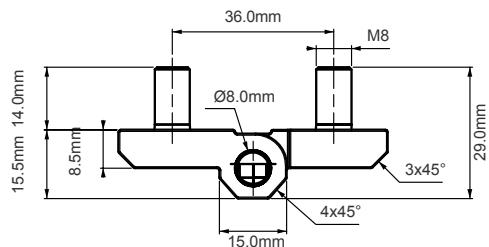
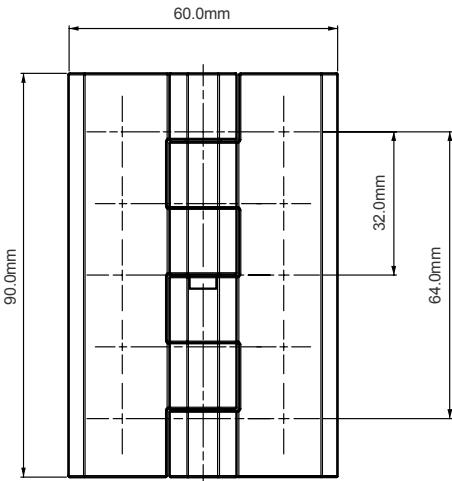


## SURFACE MOUNT HINGES

### 900 Series Leaf Hinge



Suitable for  
LH RH  
Left or Right Hand



#### 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

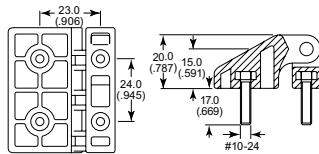
Item No.	Finish
90011	Chrome Plated
90012	Black Powder Coated



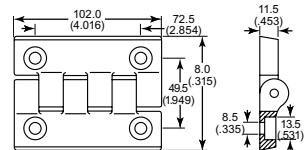
## HISF Series

## Surface Mount Hinges - Various

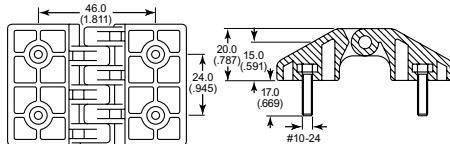
Type 1



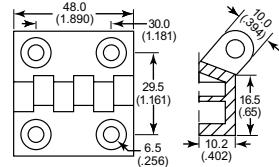
Type 5



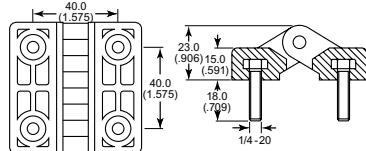
Type 2



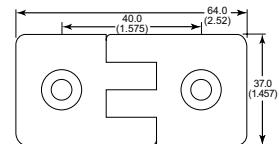
Type 6



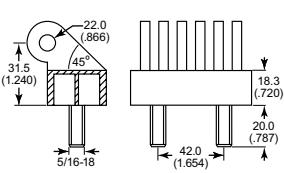
Type 3



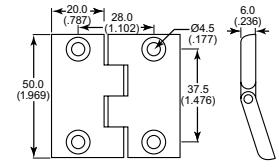
Type 7



Type 4



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

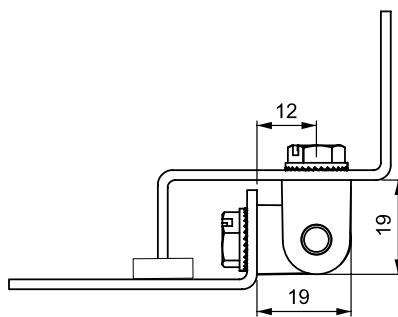
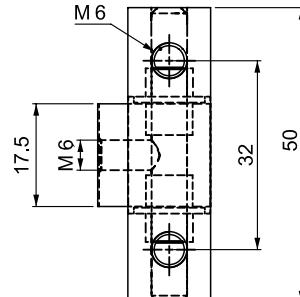
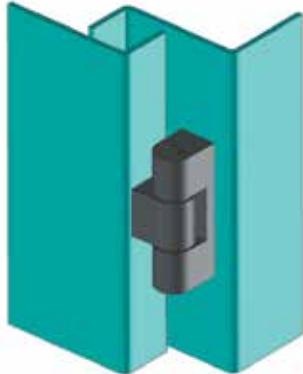
Item No.	Type
HISF210A	5
HISF220A	6
HISF230A	7
HISF240A	8



## SURFACE MOUNT 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

**Finish**

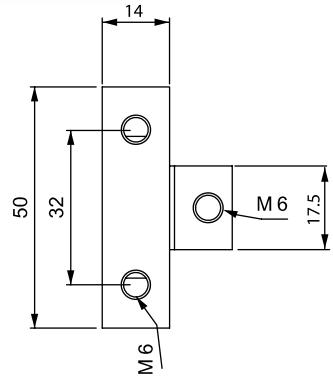
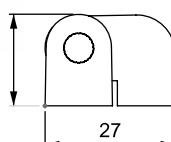
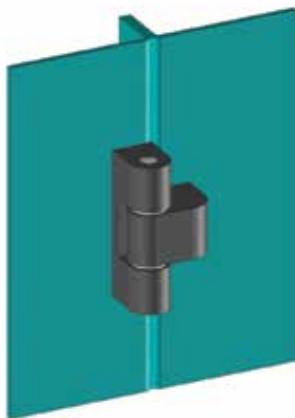
Chrome Plated

## 69312

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

**Finish**

Chrome Plated

## 693122

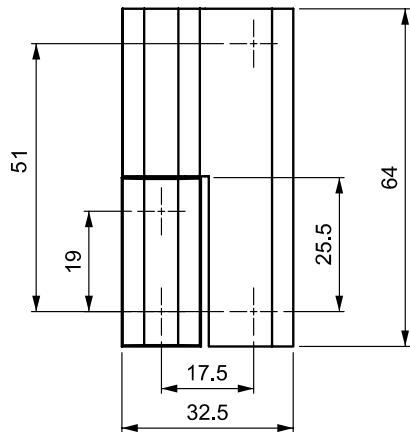
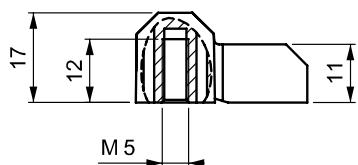
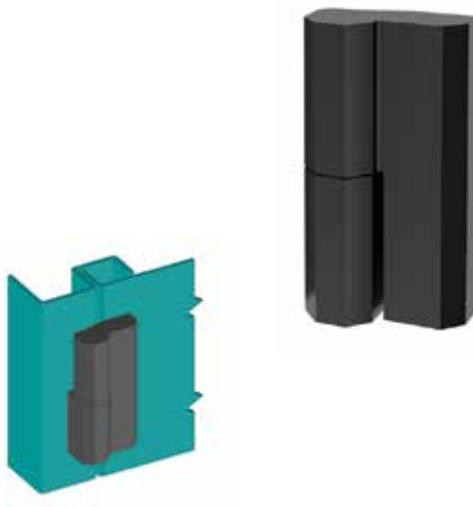
Black Powder Coated



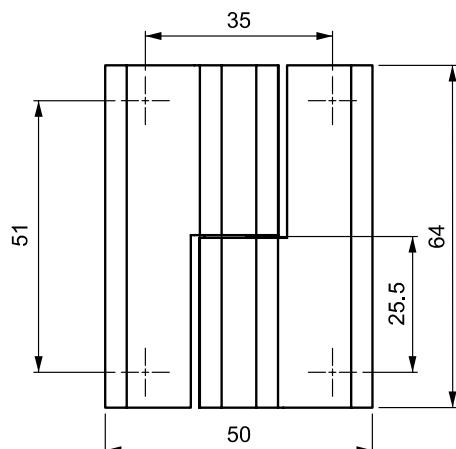
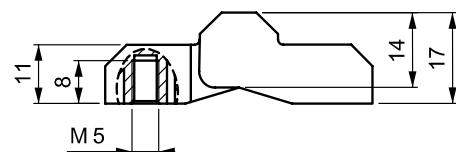
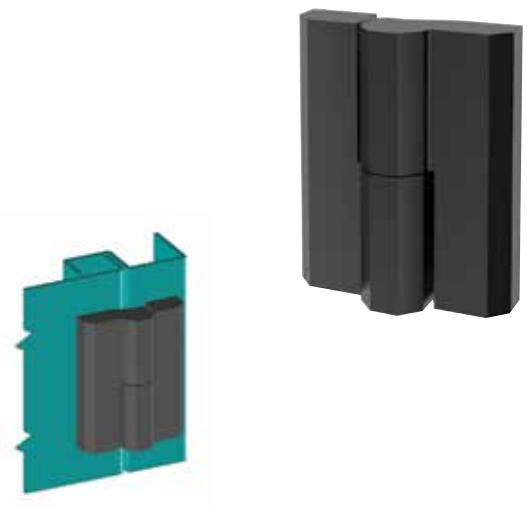
## 699 Series

## Surface Mount Hinge - Lift-Off

Version 1



Version 2



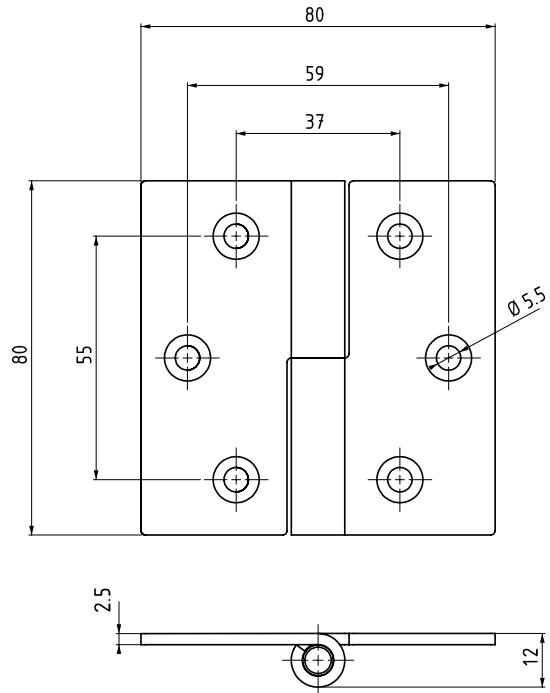
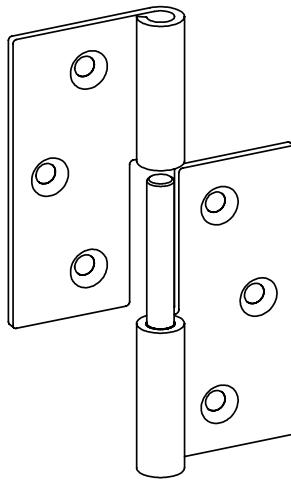
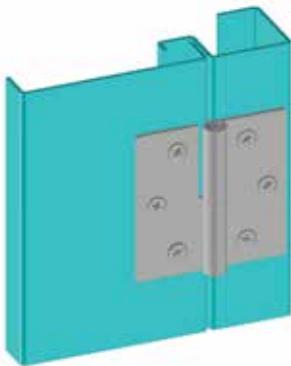
## Specifications:

- 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****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



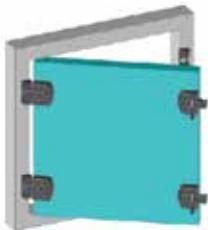
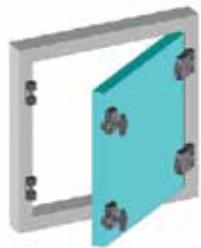
712 Series  
Surface Mount Hinge - Lift-Off Latch/Lock



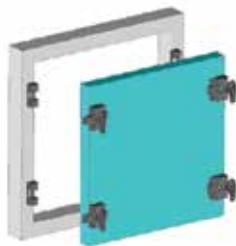
**Assembly:**  
Functional locking hinge  
can be mounted left or right  
side of door.



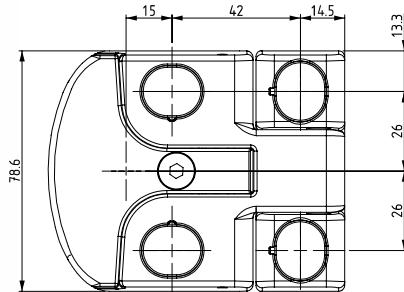
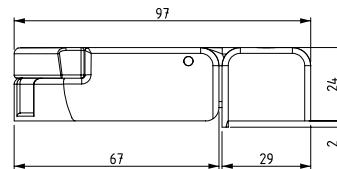
**Right Cover Application:**  
right hinge - left lock



**Left Cover Application:**  
left hinge - right lock



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

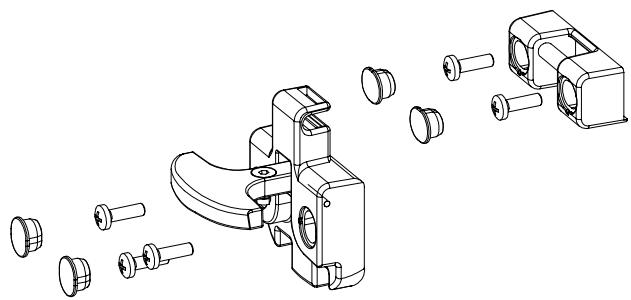


**Specifications:**

- 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



Item  
No.

71220M

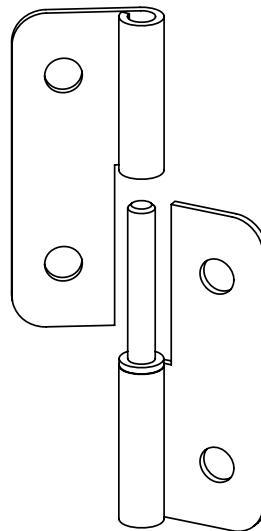
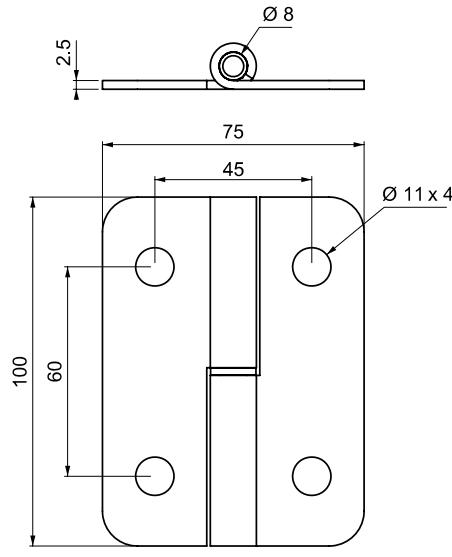
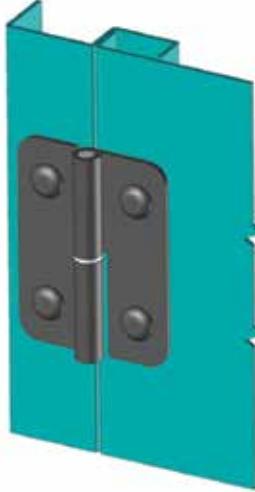


ACCESS HARDWARE

## SURFACE MOUNT HINGES

### 899 Series

Surface Mount Hinge - Heavy Duty Lift-Off



#### Specifications:

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

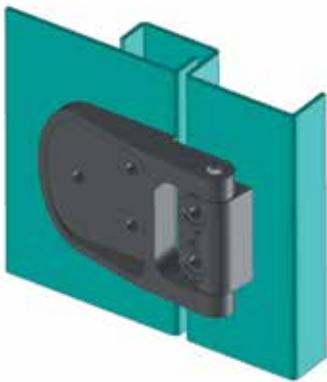
#### Features:

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

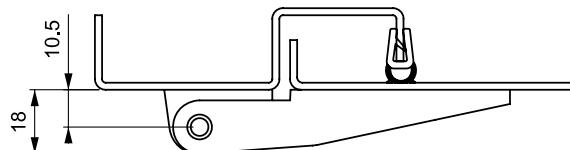
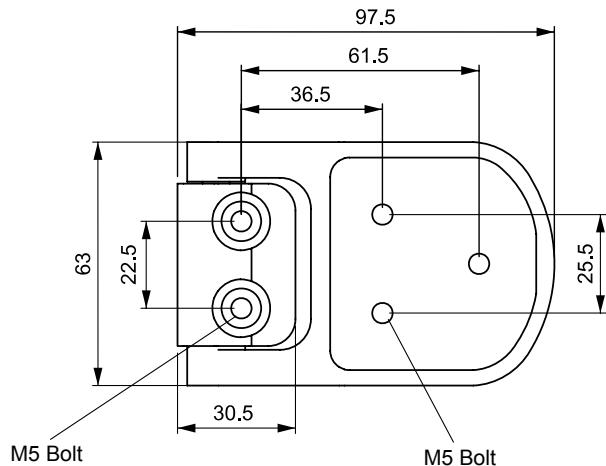
Item No.	Material	Finish	Hand Operation
89940001	Stainless Steel	Natural	Right
89940002	Stainless Steel	Natural	Left
89962001	Steel	Black Powder Coated	Right
89962002	Steel	Black Powder Coated	Left
89963001	Steel	Zinc Plated	Right
89963002	Steel	Zinc Plated	Left



**300 Series**  
**Surface Mount Hinge - Heavy Duty**



Suitable for  
LH RH  
Left or Right Hand



**Specifications:**

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

**Features:**

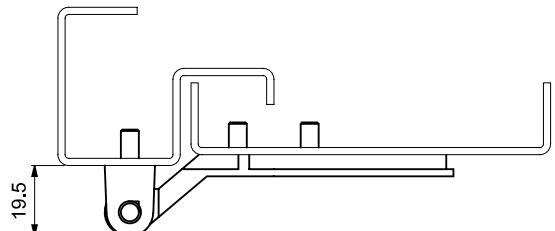
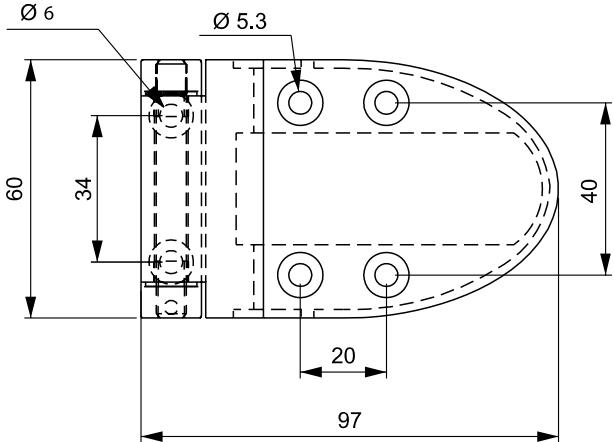
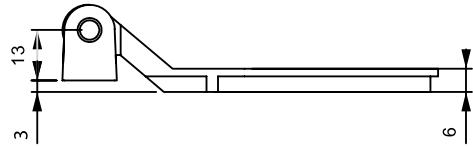
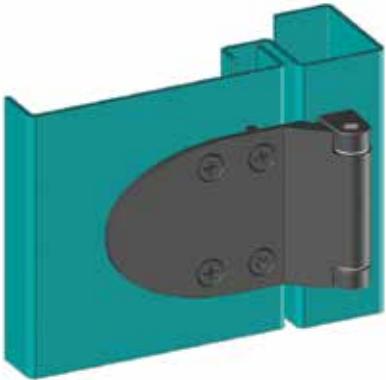
- Central air conditioning units, electrical panels and machinery covers
- Hinge rotation 180°

Item No.
300M

## SURFACE MOUNT HINGES

## 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:

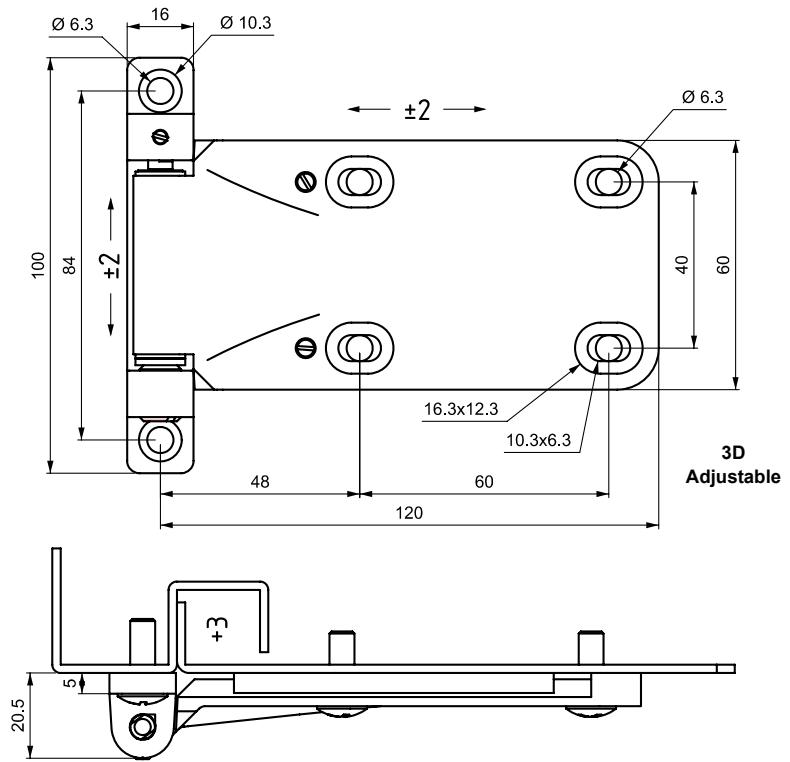
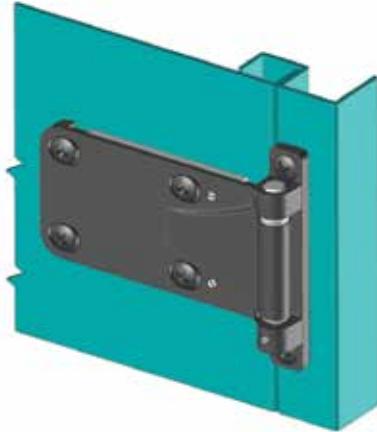
- Used on HVAC units, flush-mounted and heavy duty style doors
- Hinge rotation 180°
- Supplied with Nylon hinge cover and stainless steel pin

Item No.
-------------

50012



**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:**

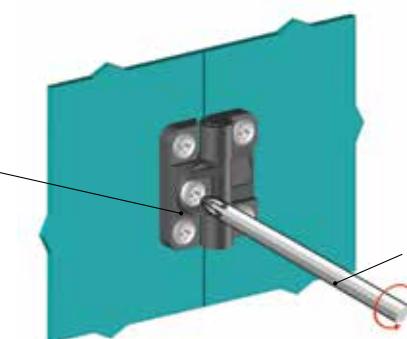
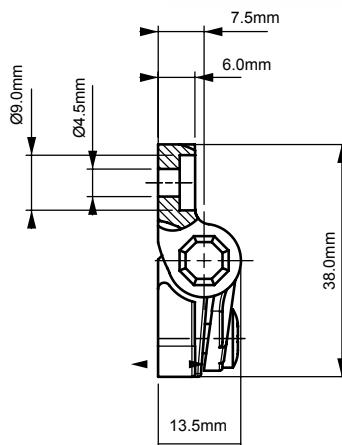
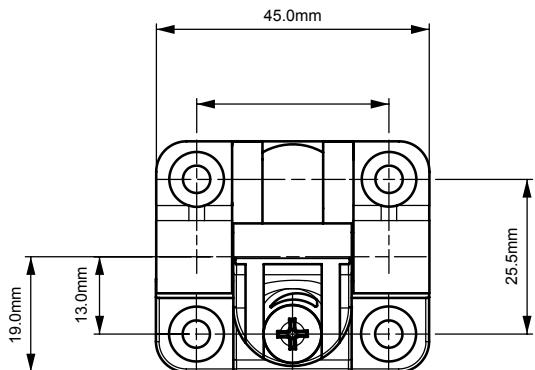
- Applications: HVAC, electrical panels, machinery covers
- Suitable for three-dimensional door adjustment
- Adjustments to height and width +/- 2mm and depth adjustment up to +/- 3mm
- Can be used for flush mount applications

Item No.	Hand Operation
80012001	Left
80012002	Right

## SURFACE MOUNT HINGES

2399 Series

Surface Mount Hinge - Adjustable

 Suitable for  
Left or Right Hand


## Specifications:

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

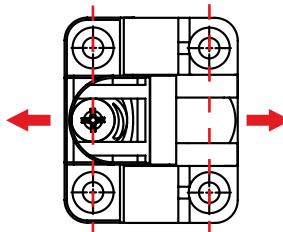
## Features:

- 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

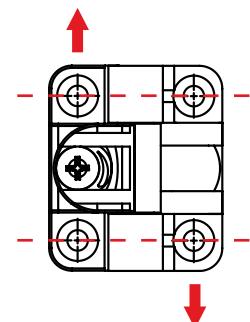
## Performance Details

- 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)

Axial load (N)



Radial load (N)



Item No.
-------------

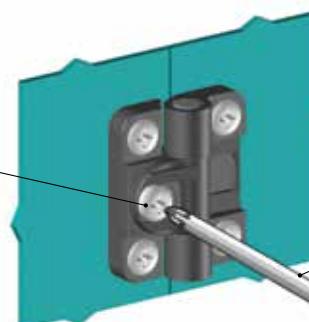
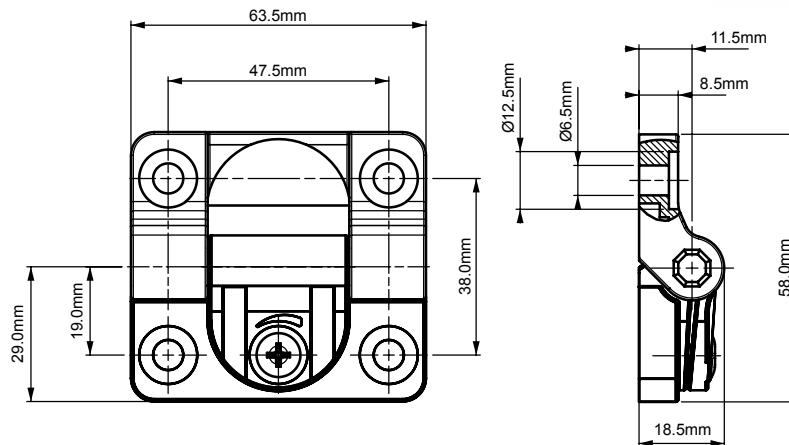
239920



## 2499 Series

## Surface Mount Hinge - Adjustable

Suitable for  
LH RH  
Left or Right Hand



## Specifications:

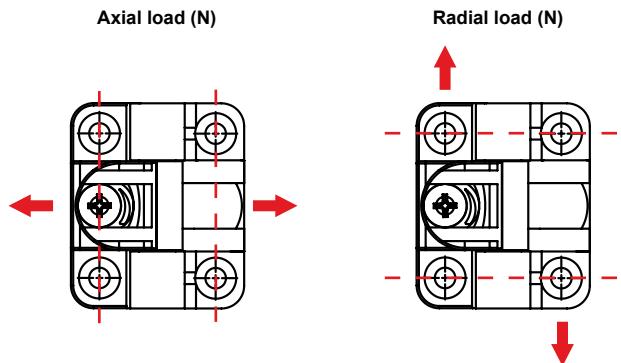
- Material:
  - Body: Nylon (PA6 30% GF)
  - Screw and Nuts: Stainless Steel (AISI 304)
- Finish: Black Powder Coated
- Nylon compliant to DIN-EN ISO 1043-1

## 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)



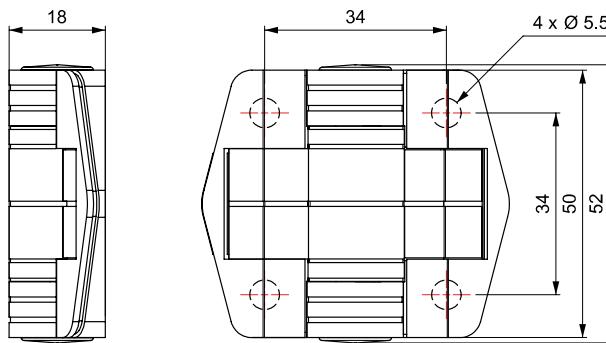
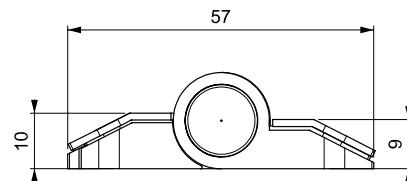
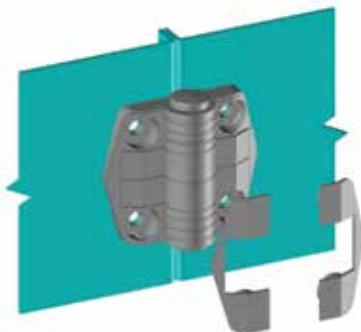
Item  
No.

249920

## SURFACE MOUNT HINGES

2599 Series

Surface Mount Hinge - Indexing

 Suitable for  
Left or Right Hand


## Specifications:

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

## Features:

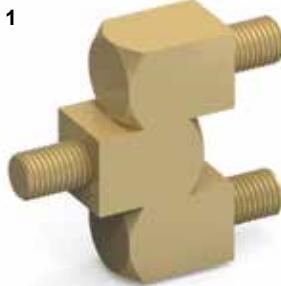
- Contact Essentra for different angle or torque
- Indexing feature allows the hinge to hold its position at the specified angle

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

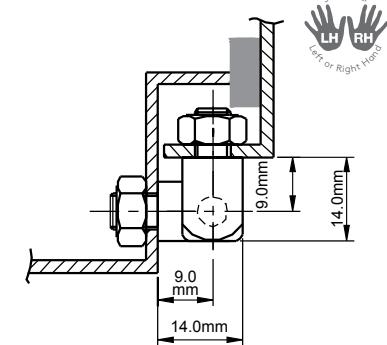
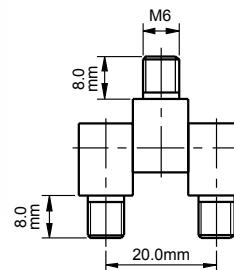


## Specifications:

- Material: Brass
- Finish: See Table

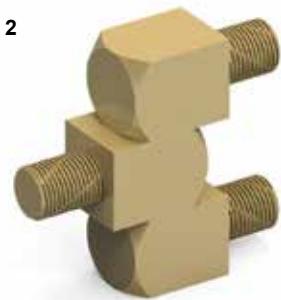
## Features:

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



## 091 Series

## Side Hinge (12mm) - Version 2

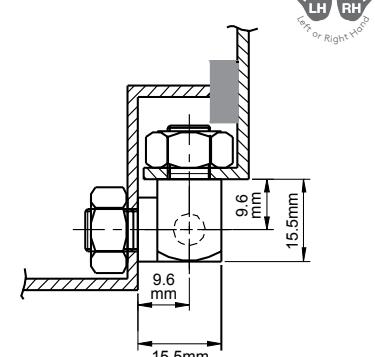
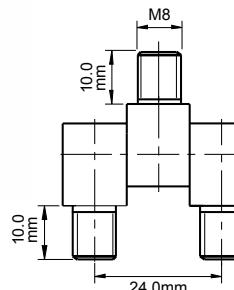


## Specifications:

- Material: Brass
- Finish: See Table

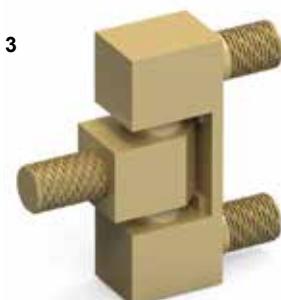
## Features:

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



## 092 Series

## Side Hinge (12mm) - Version 3

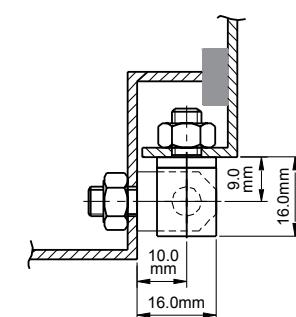
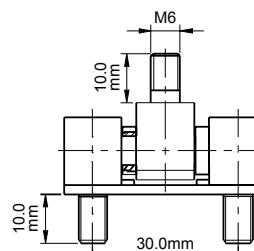


## Specifications:

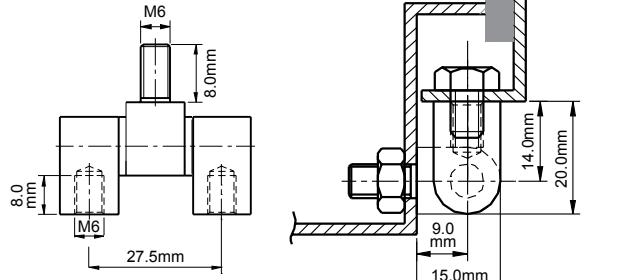
- Material: Brass
- Finish: See Table

## Features:

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



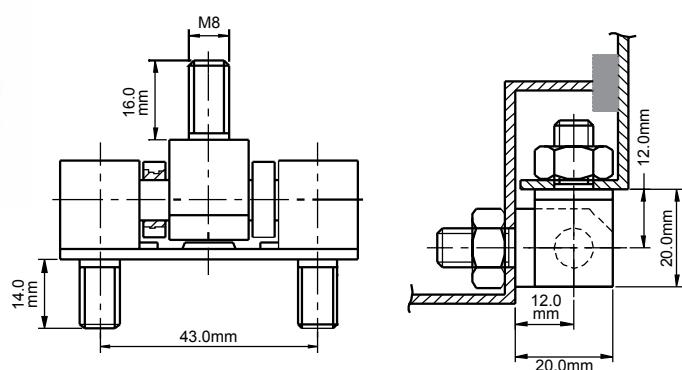
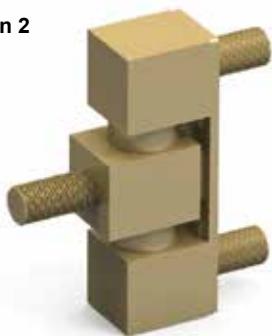
Item Number	Hinge Rotation	Finish	Thread (A)	Version
09030	180°	No Finish	M6	1
09034	180°	Nickel	M6	1
09130	180°	No Finish	M8	2
09131	180°	Nickel	M8	2
092306180	180°	No Finish	M6	3
09230690	90°	No Finish	M6	3
092308180	180°	No Finish	M8	3
09230890	90°	No Finish	M8	3
092316180	180°	Chrome	M6	3
09231690	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:**

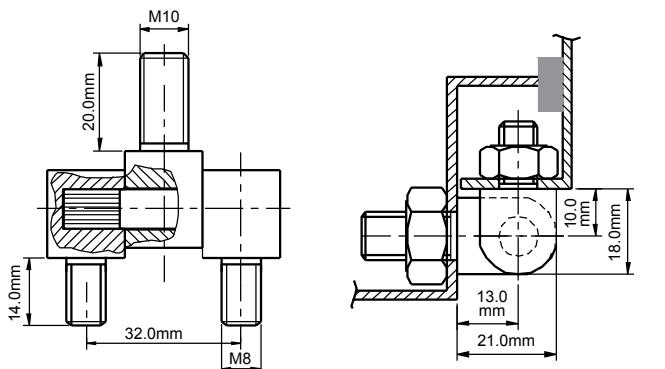
- Side-mounted hinge
- 12mm brass parts supplied separated
- Parts tightly fitted

**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

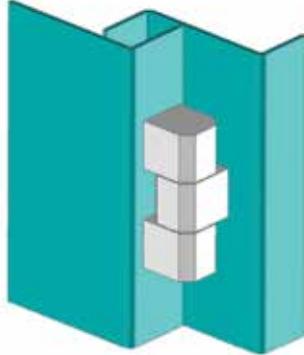
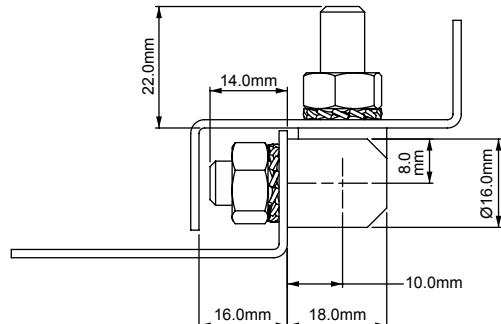
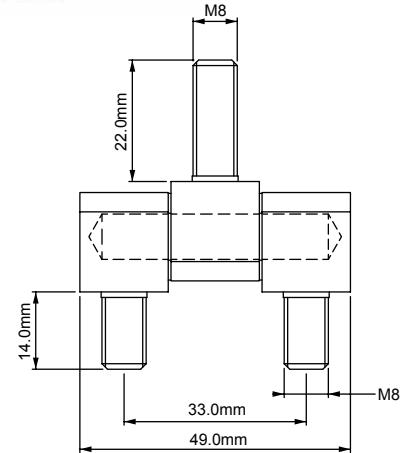
**193 Series****Side Hinge (16mm) Version 3****Specifications:**

- 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**

 Suitable for  
 LH RH  
 Left or Right Hand

**Specifications:**

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

**Features:**

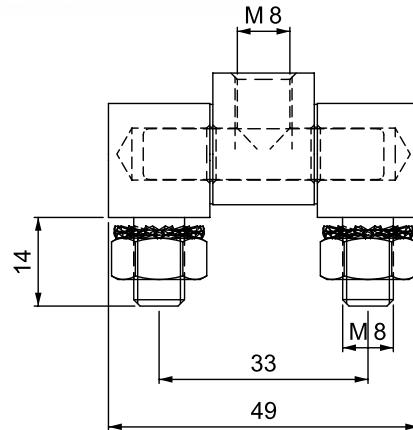
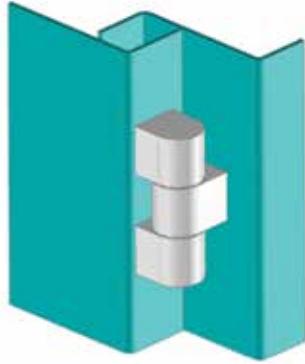
- For medium voltage and heavy door panels
- Maximum hinge rotation 180°
- Ideal for electric panels and machinery cover applications

 Item  
 No.  
 79363


# CUSTOM SOLUTIONS AVAILABLE

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## SIDE MOUNT HINGES

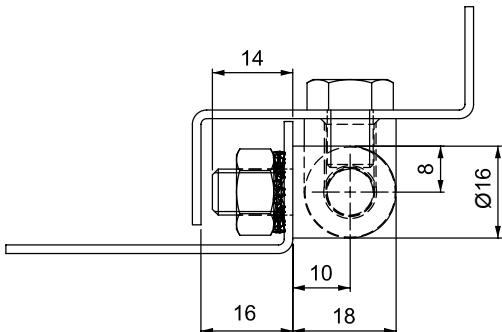
893 Series  
Side HingeSuitable for  
LH RH  
Left or Right Hand

## 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.

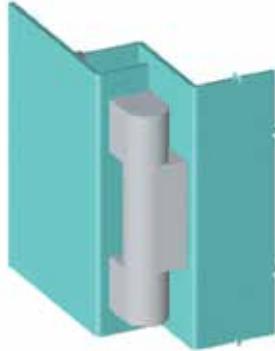
89363M

## GASKETING &amp; SEALS

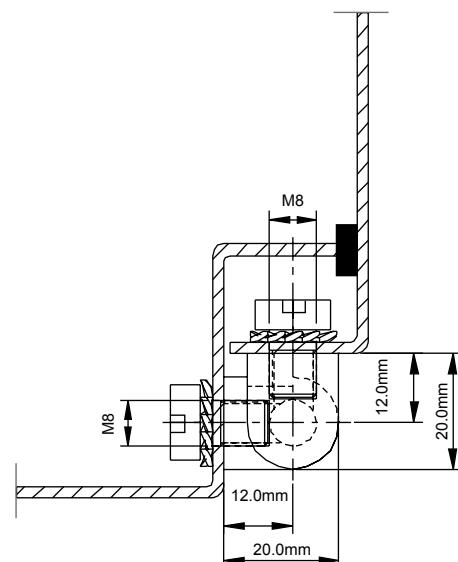
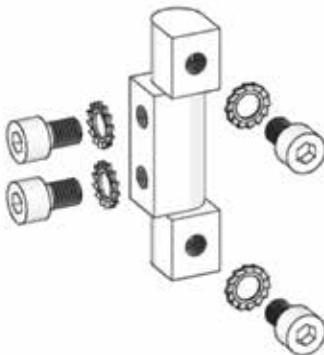
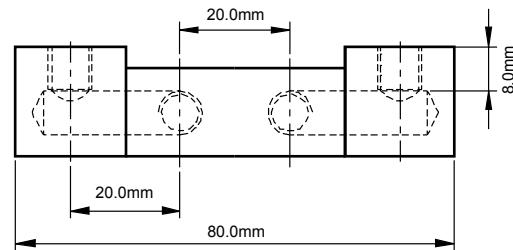
See pages 445 - 446 or visit [www.essentracomponents.com](http://www.essentracomponents.com)



**393 Series**  
**Side Hinge - Lift Off**



Suitable for  
LH RH  
Left or Right Hand



**Specifications:**

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

**Features:**

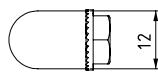
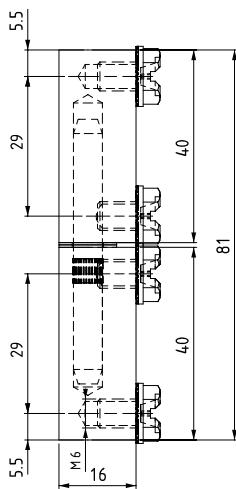
- For medium voltage and heavy door panels
- Maximum hinge rotation 180°
- Assembled using special screws (supplied)
- Ideal for electric panels and machinery cover applications

Item No.	Thread
39331	M8

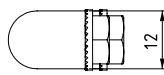
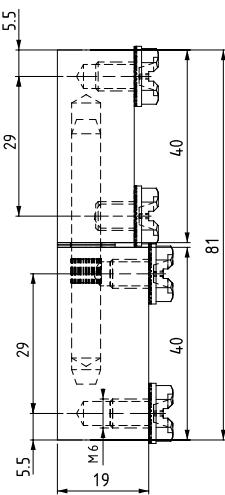


ACCESS HARDWARE

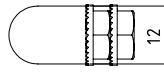
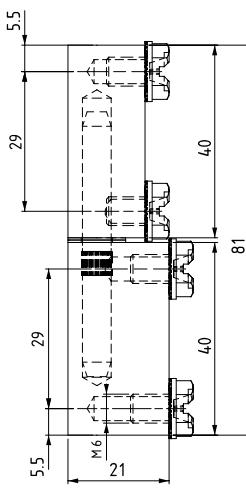
## SIDE MOUNT HINGES

**993 Series**  
Side Hinge

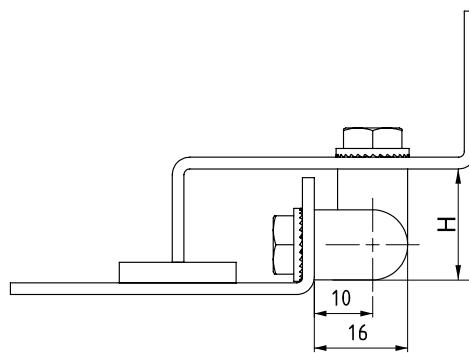
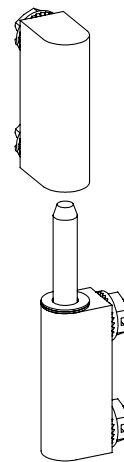
Version 1



Version 2



Version 3

**Specifications:**

- Material:
- Body: Brass
- Finish: Chrome

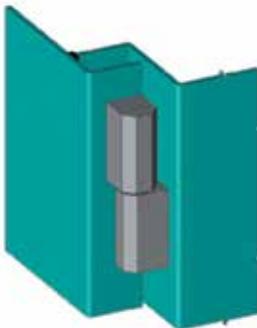
**Features:**

- Fastening bolts are supplied
- Maximum hinge rotation 180°

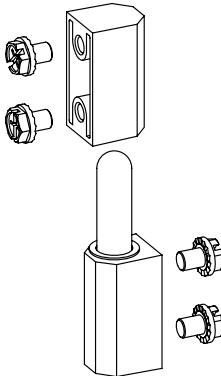
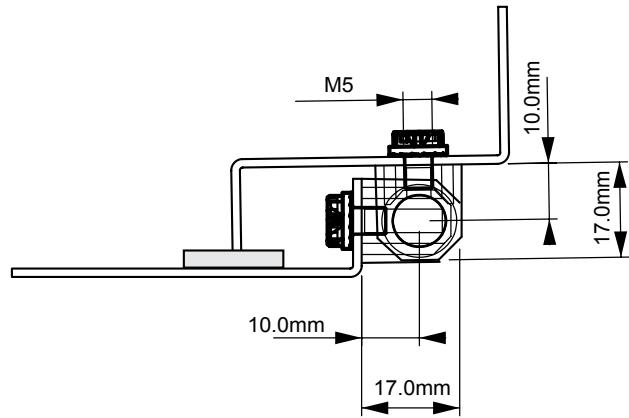
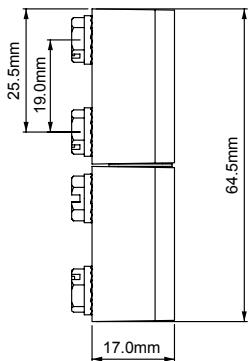
Item No.	Height (H)	Version
9933116	16	1
9933119	19	2
9933121	21	3



**493 Series**  
Side Hinge - Lift Off



Suitable for  
LH RH  
Left or Right Hand



Installed Zinc Alloy pin

**Specifications:**

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

**Features:**

- Ideal for electric panels and machinery cover applications
- Maximum hinge rotation 180°
- Bolts are included with hinge

Item No.	Material / Finish
493111M	Chrome Plated
493121M	Black Powder Coated



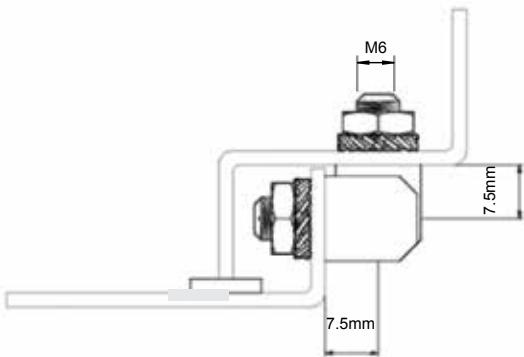
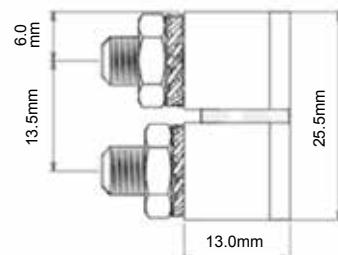
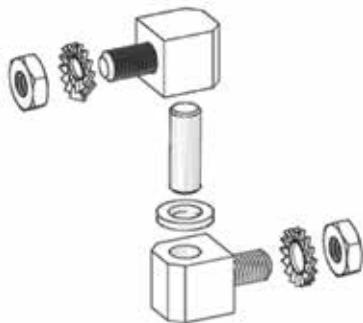
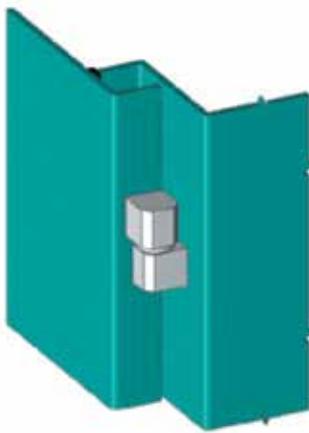
ACCESS HARDWARE

## SIDE MOUNT HINGES

191 Series

Side Hinge - Lift Off

Suitable for  
LH RH  
Left or Right Hand



### 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.

19163

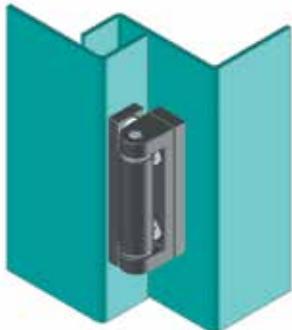


593 Series  
Side Hinge

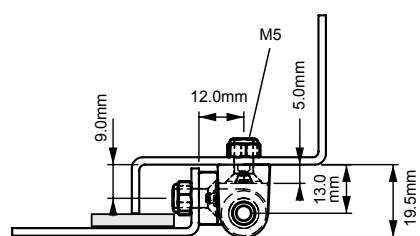
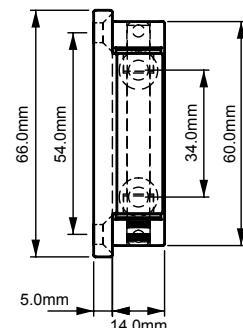
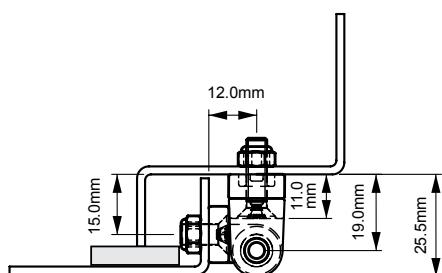
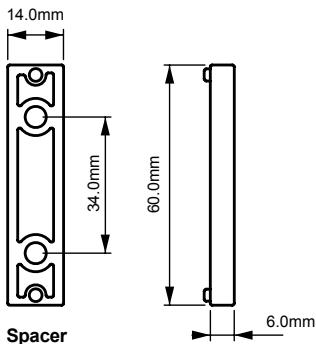
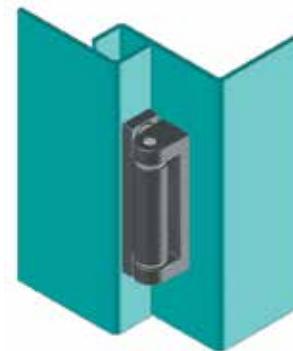


Suitable for  
LH RH  
Left or Right Hand

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

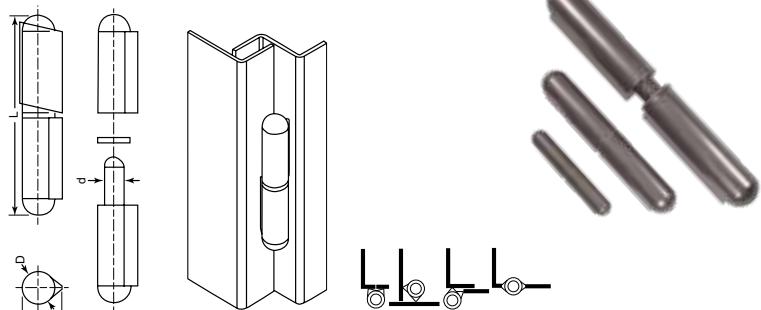
Item No.	Finish	Version
5931125	Chrome Plated	1
5931225	Black Powder Coated	1
5931119	Chrome Plated	2
5931219	Black Powder Coated	2



ACCESS HARDWARE

## CORNER MOUNT HINGES

### HIW Series Weld-On Bullet Hinges

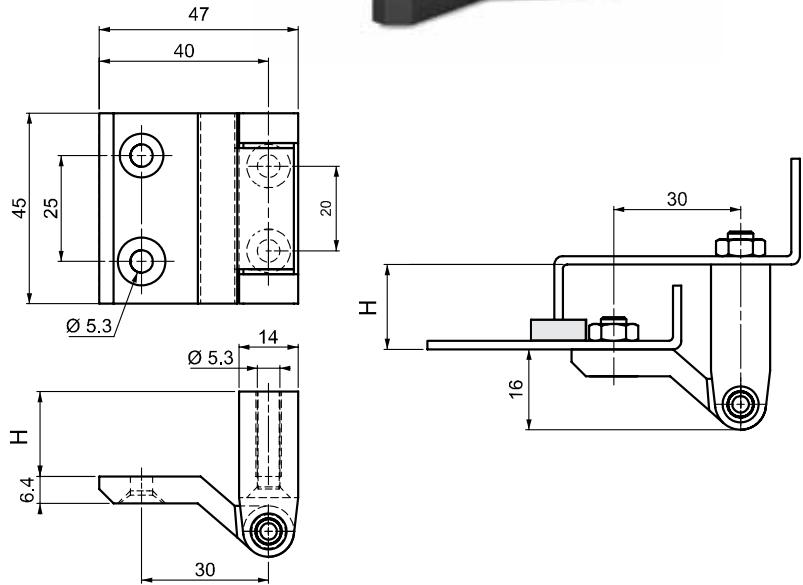
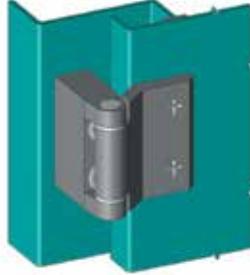
**Specifications:**

- 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
HIW488A	HIW497A	—	—	1.575	40.0	0.315	8.0
HIW489A	HIW498A	—	—	1.969	50.0	0.315	8.0
HIW490A	HIW499A	HIWAL506A	HIWSS510A	2.362	60.0	0.394	10.0
HIW491A	HIW500A	—	—	2.756	70.0	0.453	11.5
HIW492A	HIW501A	HIWAL507A	HIWSS511A	3.150	80.0	0.512	13.0
HIW493A	HIW502A	HIWAL508A	HIWSS512A	3.937	100.0	0.630	16.0
HIW494A	HIW503A	HIWAL509A	HIWSS513A	4.724	120.0	0.630	16.0
HIW495A	HIW504A	—	—	5.906	150.0	0.787	20.0
HIW496A	HIW505A	—	—	7.087	180.0	0.787	20.0

**100 Series  
Corner Hinge**

Suitable for  
LH RH  
Left or Right Hand

**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

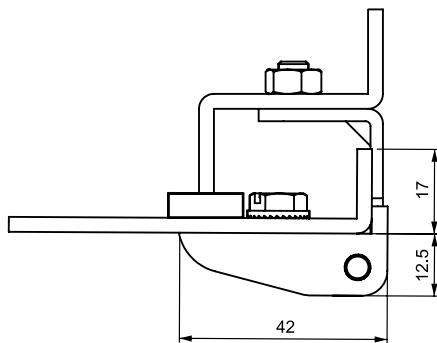
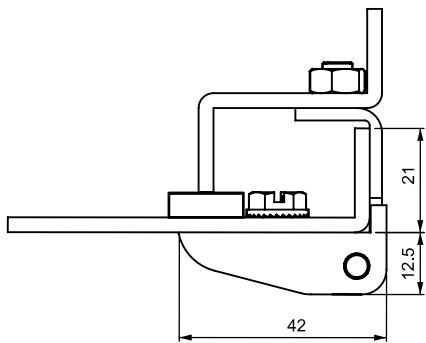
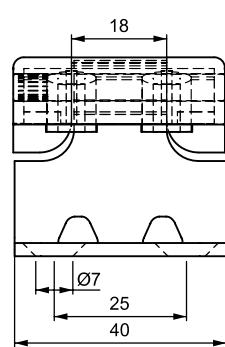
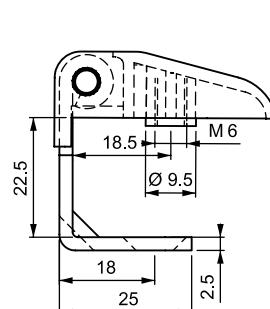
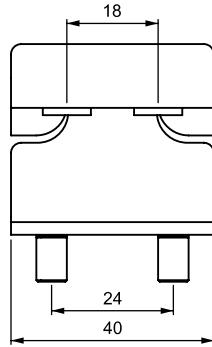
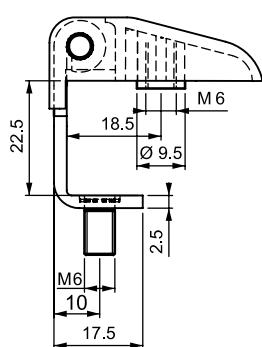


**200 Series**  
**Corner Hinge**

Version 1 - Stud and Through Hole



Version 2 - Through Hole

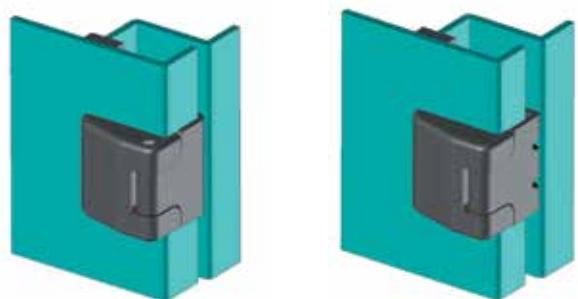


## Specifications:

- 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°

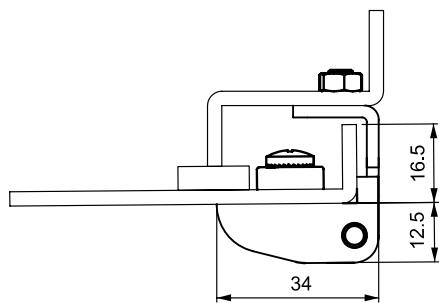
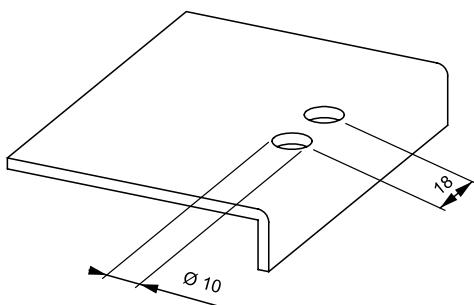
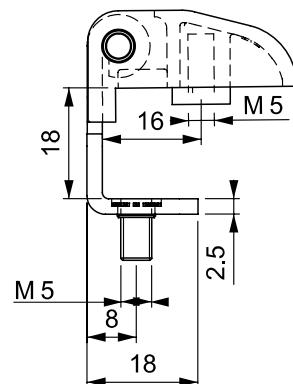
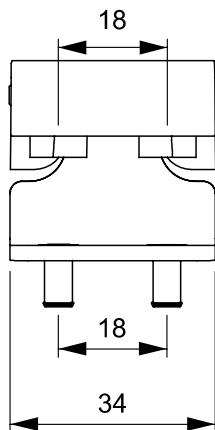


Item No.	Version	Through Hole / Stud
20012171	1	Stud
20012170	1	Through Hole
20012250	2	Through Hole



ACCESS HARDWARE

## CORNER MOUNT HINGES

**400 Series**  
**Corner Hinge****Specifications:**

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

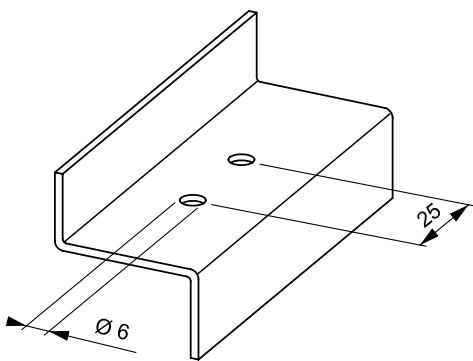
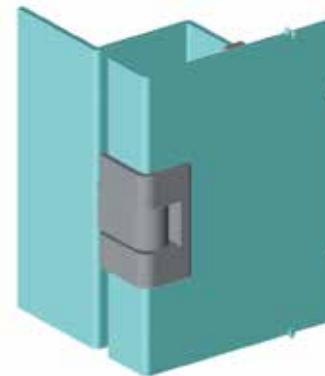
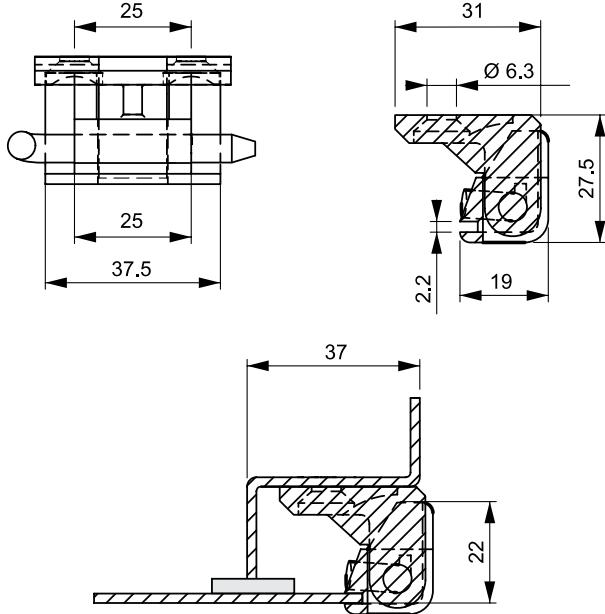
**Features:**

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

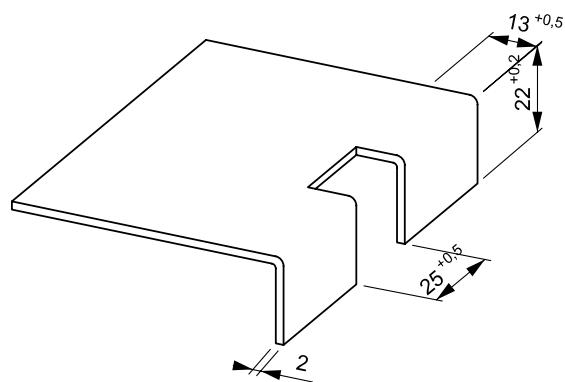


Item No.	Through Hole / Stud	Body Material	Finish / Color
40012181	Stud	Zinc Alloy	Black Powder Coated
40020181	Through Hole	Nylon	Black


**098 Series**  
**Corner Hinge**

 Suitable for  
 LH RH  
 Left or Right Hand


Cut-Out



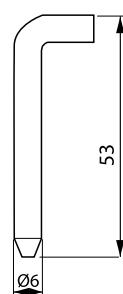
Cut-Out

**Specifications:**

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

**Features:**

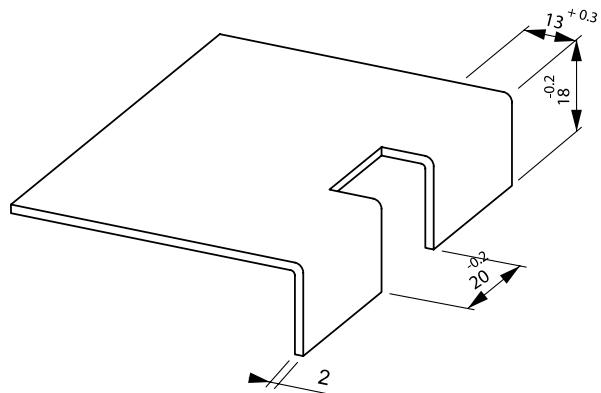
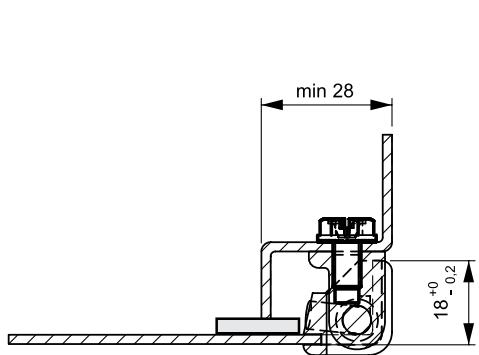
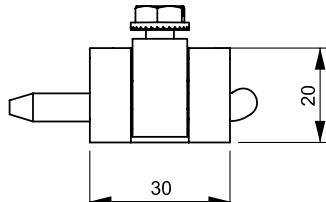
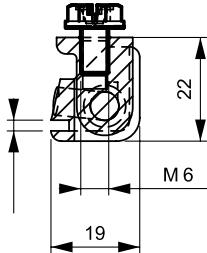
- Suitable for steel panels with a thickness between 1.5 - 2.0mm
- Hinge rotation 180°

**Pin**

Item No.	Finish
098112	Chrome Plated
098122	Black Powder Coated

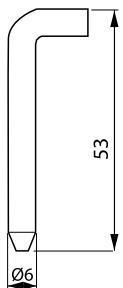


## CORNER MOUNT HINGES

097 Series  
Corner HingeSuitable for  
LH RH  
Left or Right Hand

Cut-Out

Pin



## Specifications:

- Material:
- Base: See Table
- Pin: Same as Base
- Finish: See Table

## Features:

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

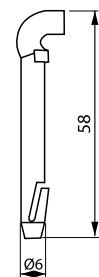
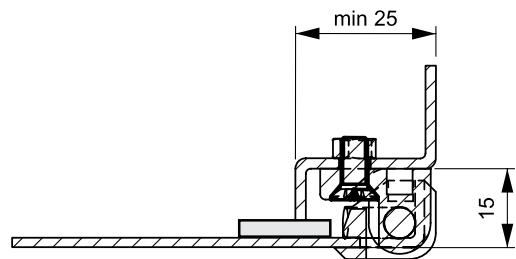
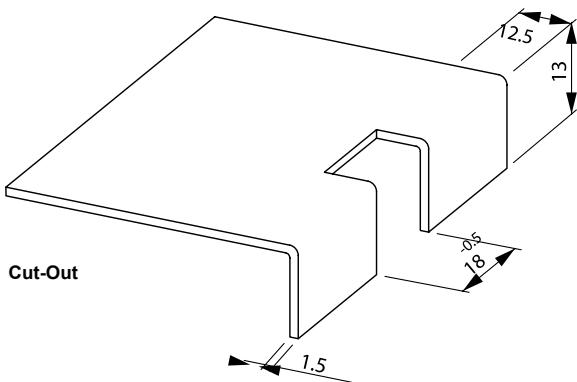
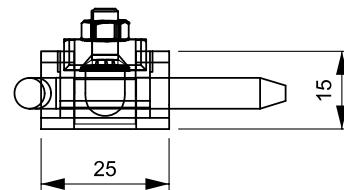
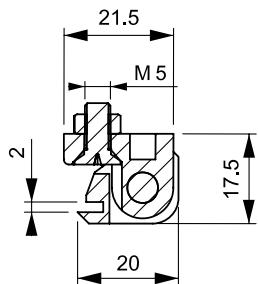
Item No.	Base Material	Base Finish	Panel Thickness	
			mm	mm
09711215	Zinc Alloy	Chrome Plated	1.0 - 1.2	
09711222	Zinc Alloy	Chrome Plated	1.5 - 2.0	
09712215	Zinc Alloy	Black Powder Coated	1.0 - 1.2	
09712222	Zinc Alloy	Black Powder Coated	1.5 - 2.0	
09740215	Stainless Steel	Electropolished	1.0 - 1.2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



**197 Series**  
**Corner Hinge**



Suitable for  
LH RH  
Left or Right Hand



**Specifications:**

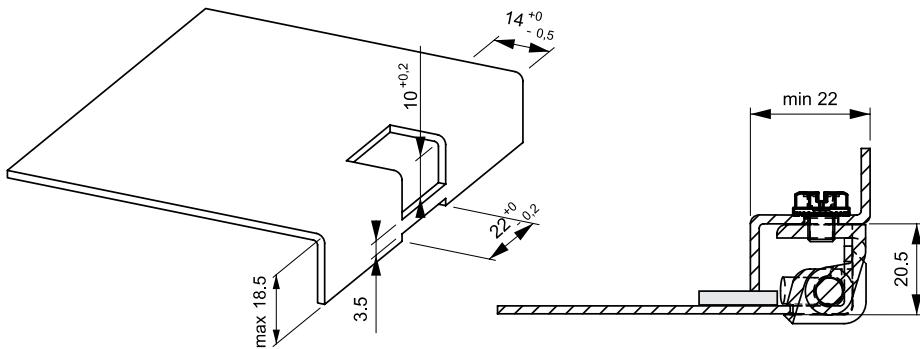
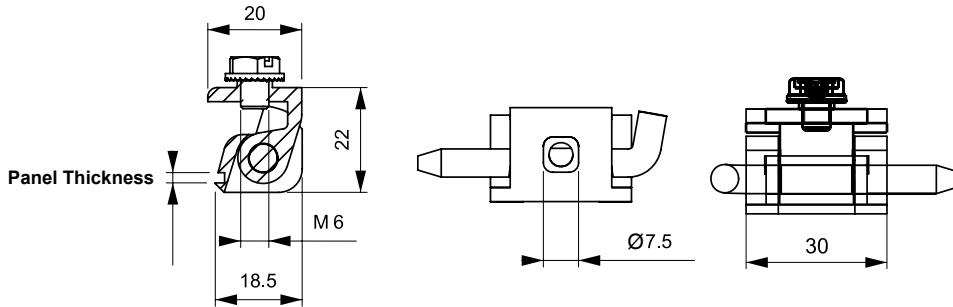
- Material:
- Body: Nylon, Black (PA6 30% GF)
- Pin: Delrin Steel

**Features:**

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

Item No.
197201

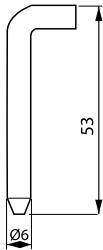
## CORNER MOUNT HINGES

297 Series  
Corner Hinge
 Suitable for  
 LH RH  
 Left or Right Hand


Cut-Out

1.0 - 1.2mm Panel Thickness  
Version 11.5 - 2.2mm Panel Thickness  
Version 2

Pin



## Specifications:

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

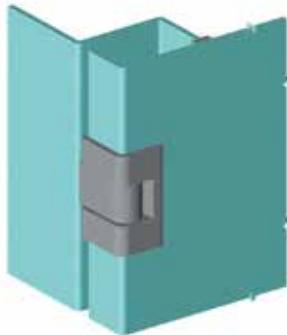
## Features:

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

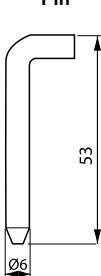
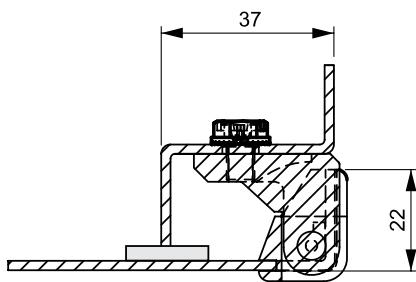
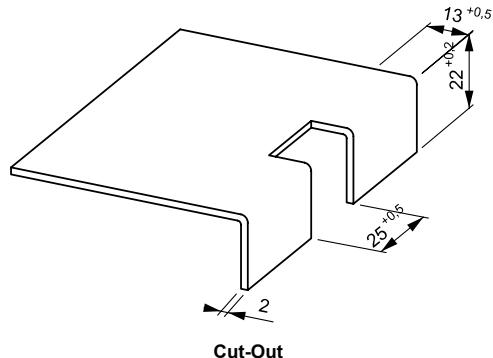
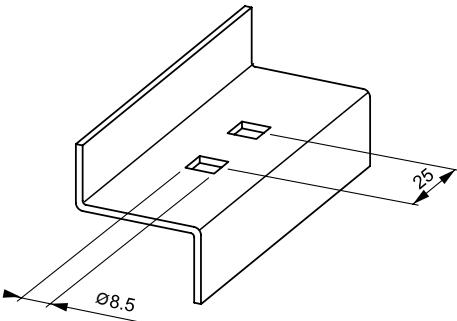
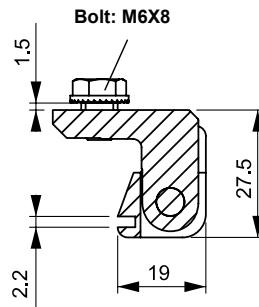
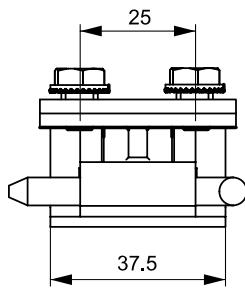
Item No.	Base Finish	Version	Panel Thickness (mm)
29711215	Chrome Plated	1	1.0 - 1.2
29711222	Chrome Plated	2	1.5 - 2.2
29712215	Black Powder Coated	1	1.0 - 1.2
29712222	Black Powder Coated	2	1.5 - 2.2



**298 Series**  
**Corner Hinge**



Suitable for  
LH RH  
Left or Right Hand



**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.

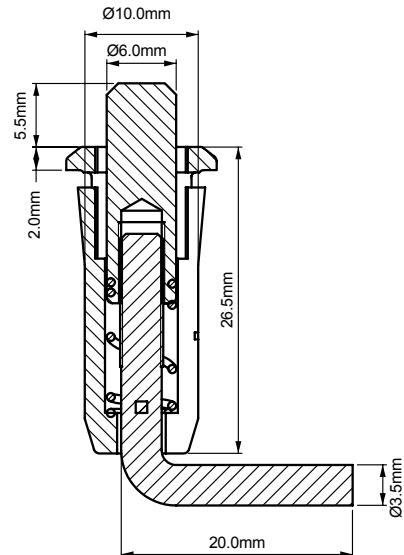
298122



## CONCEALED & SPRING LOADED HINGES

### 389 Series

#### Concealed Hinge - Spring Loaded



#### Specifications:

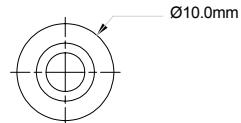
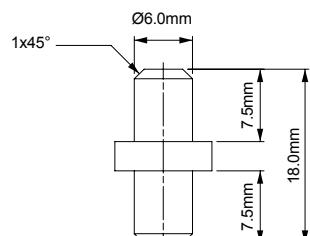
- Material: Nylon (PA6 30% GF)
- Pin Material: Steel
- Color: Black
- Compliant to DIN-EN ISO 1043-1 (Nylon)

#### Features:

- For internally mounted doors
- Hinge rotation 110°
- Spring-loaded hinge for easy door removal
- Clip installation for easy assembly

Item No.
389

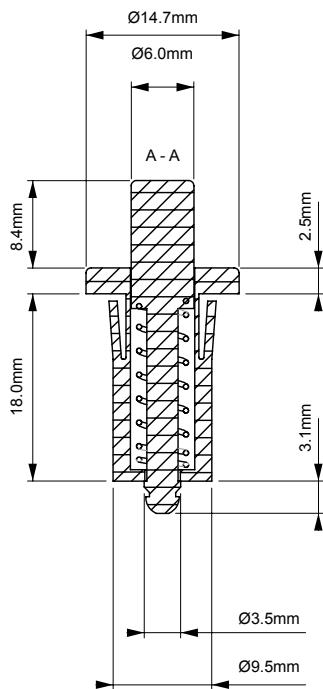
#### Bottom Pivot Pin



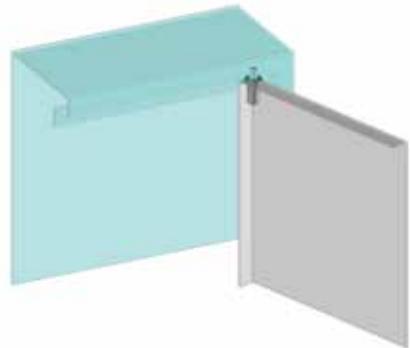
Item No.	Description	Used With
32003192	Bottom Pivot Pin	089, 189 & 389 Series



**089 Series**  
Concealed Hinge



Suitable for  
LH RH  
Left or Right Hand



**Specifications:**

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

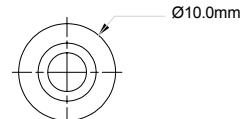
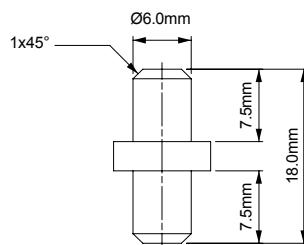
**Features:**

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

Item No.

089

**320 Series**  
Bottom Pivot Pin



**Specifications:**

- Material: Steel
- Finish: Zinc Plated

**Features:**

- Used with 089, 189, and 389 Series

Item No.

32003192

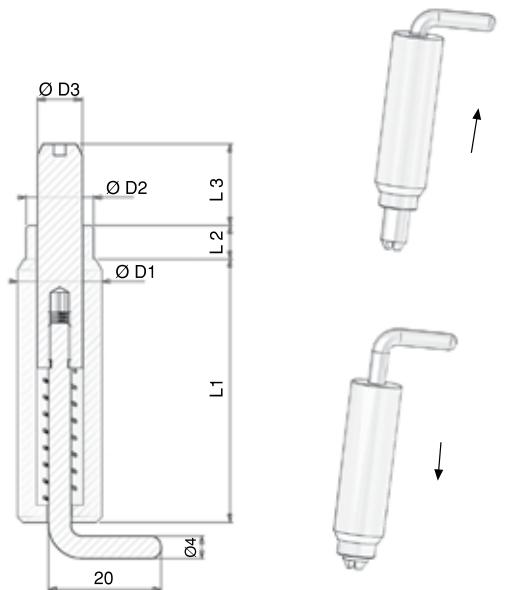
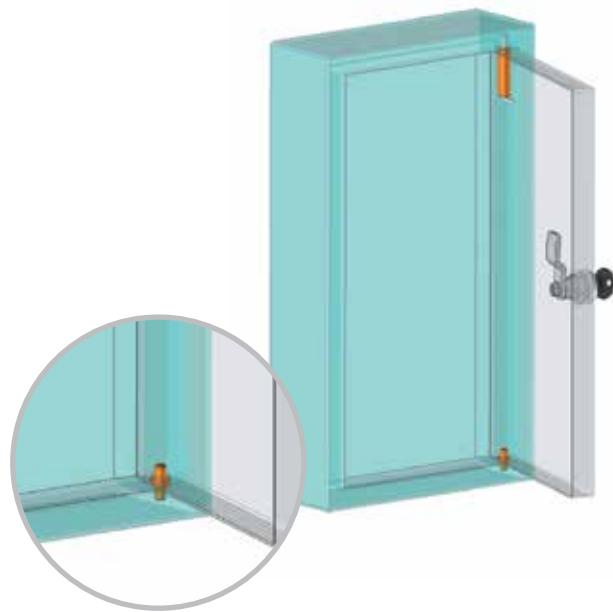


ACCESS HARDWARE

## CONCEALED &amp; SPRING LOADED HINGES

189 Series

Spring Loaded Hinge

 Suitable for  
LH RH  
Left or Right Hand

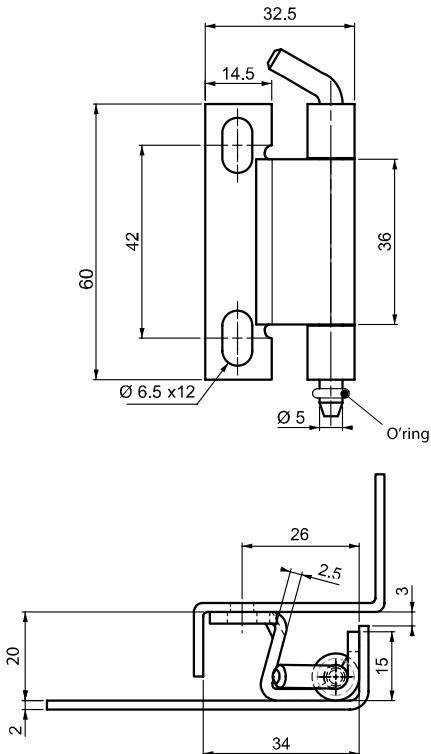
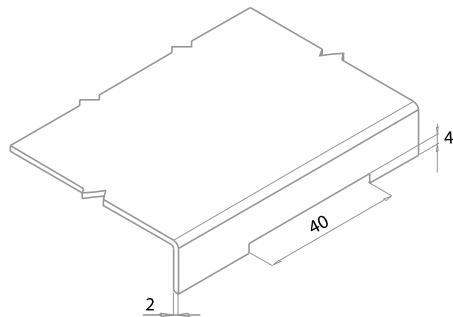
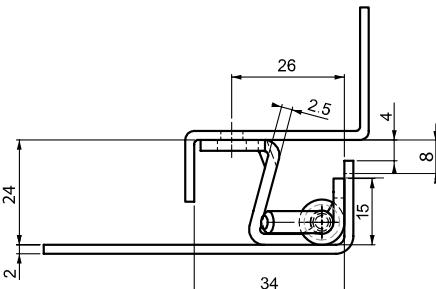
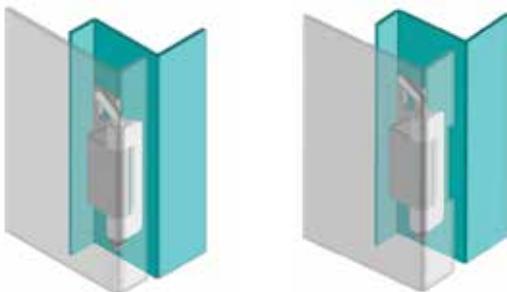
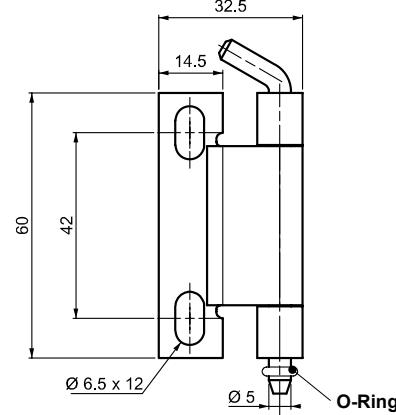
## Specifications:

- 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


**295 Series**  
**Spring Loaded Hinge**
**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

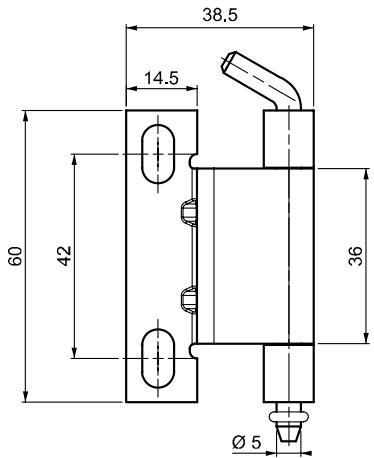
Item No.	Hinge Rotation	Material	Finish	Version
295401	120°	Stainless Steel	Stainless Steel	1
295402	120°	Stainless Steel	Stainless Steel	2
295631	120°	Steel	Zinc Plated	1
295632	120°	Steel	Zinc Plated	2

(Continued on next page)

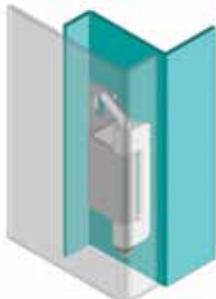
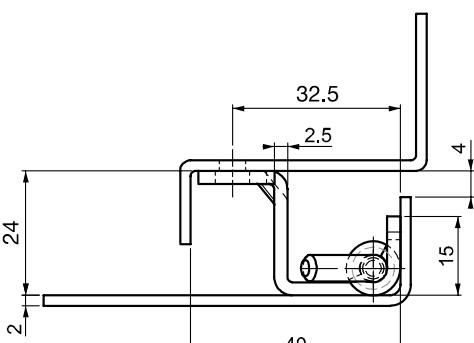
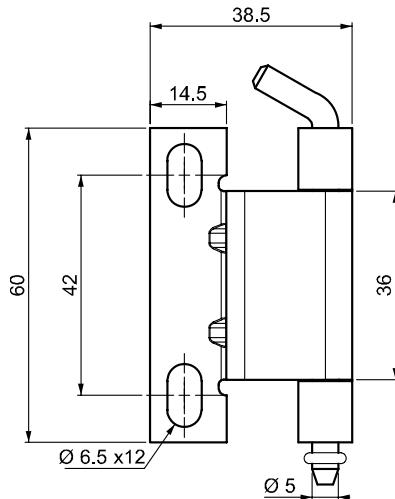
## CONCEALED &amp; SPRING LOADED HINGES

295 Series (Continued)  
Spring Loaded Hinge

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

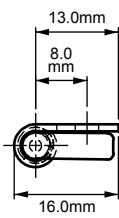
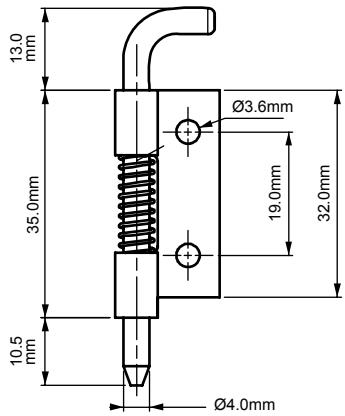
Item No.	Material	Finish	Version
295403	Stainless Steel	Stainless Steel	3
295404	Stainless Steel	Stainless Steel	4
295633	Steel	Zinc Plated	3
295634	Steel	Zinc Plated	4



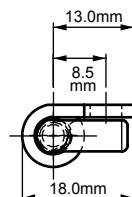
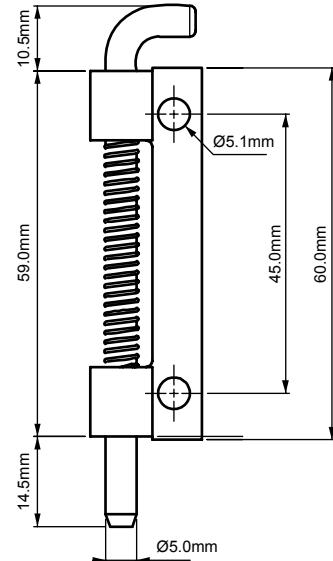
**289 Series**  
Concealed Hinge



Version 1



Version 2



## Specifications:

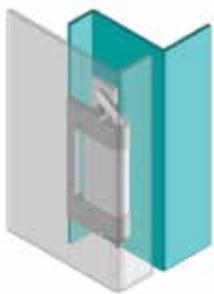
- Material: See Table
- Finish: See Table
- Bolts are not supplied

## 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

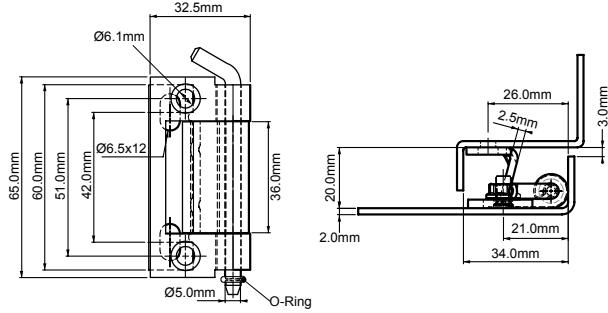
Item No.	Material	Finish	Version	Hand
289631001	Steel	Zinc Plated	1	Right
289631002	Steel	Zinc Plated	1	Left
289632001	Steel	Zinc Plated	2	Right
289632002	Steel	Zinc Plated	2	Left
289401001	Stainless Steel	Natural	1	Right
289401002	Stainless Steel	Natural	1	Left
289402001	Stainless Steel	Natural	2	Right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

## CONCEALED &amp; SPRING LOADED HINGES

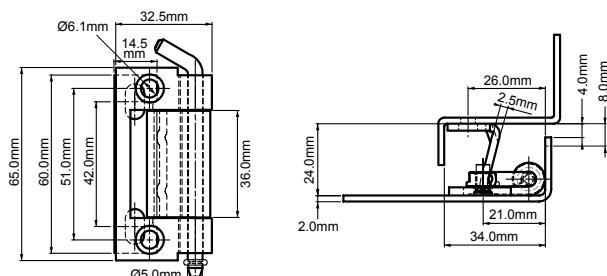
395 Series  
Concealed Hinge

Suitable for  
LH RH  
Left or Right Hand

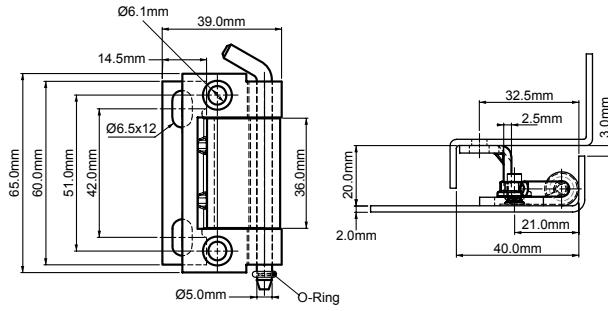
Version 1



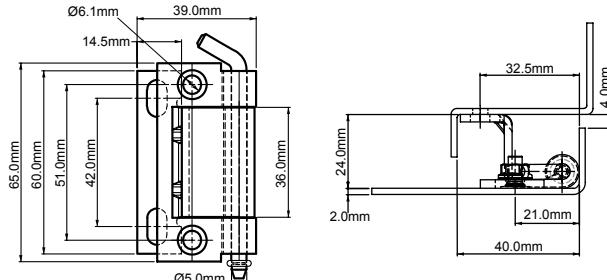
Version 2



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

## CONCEALED &amp; SPRING LOADED HINGES

695 Series  
Concealed Hinge

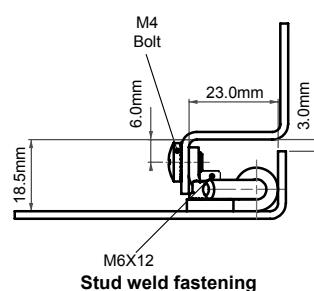
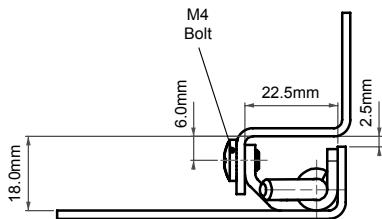
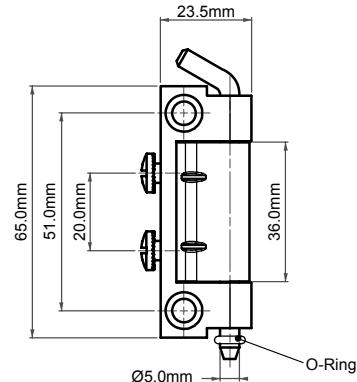
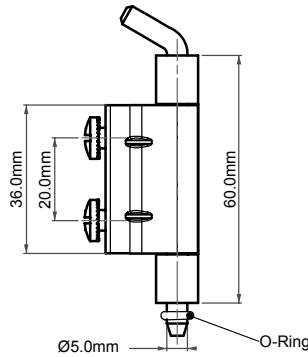
Version 1



Version 2



Suitable for  
LH RH  
Left or Right Hand



M4 Bolt  
Stud weld fastening

## 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

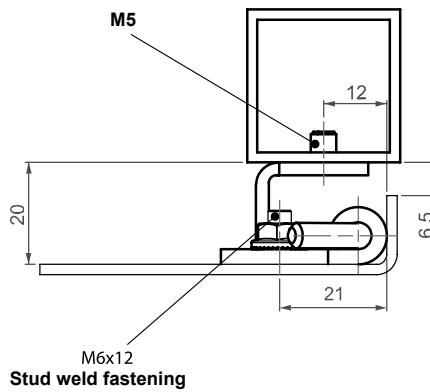
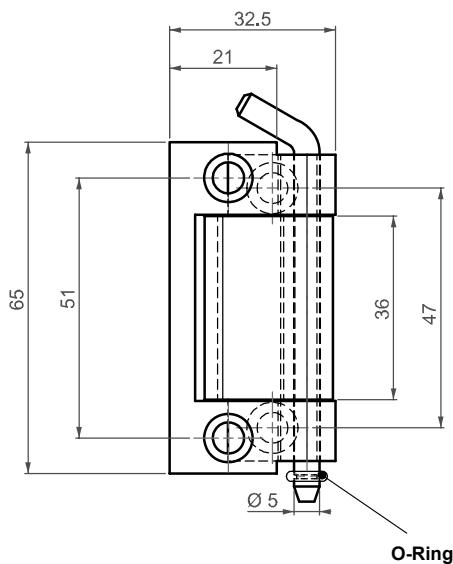
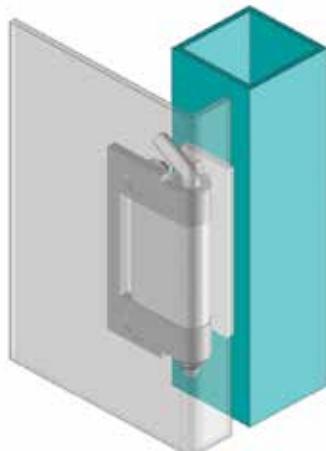
Item No.	Material	Finish	Version
695631	Steel	Zinc Plated (weld part is copper plated)	1
695632	Steel	Zinc Plated	2
695401	Stainless Steel	Natural	1
695402	Stainless Steel	Natural	2



ACCESS HARDWARE

## CONCEALED &amp; SPRING LOADED HINGES

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

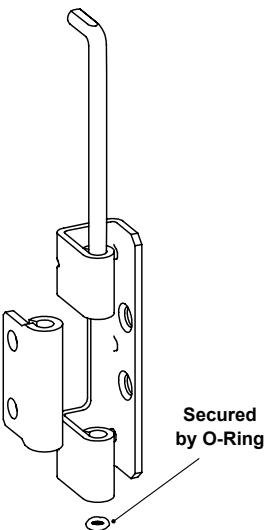
Suitable for  
LH RH  
Left or Right Hand



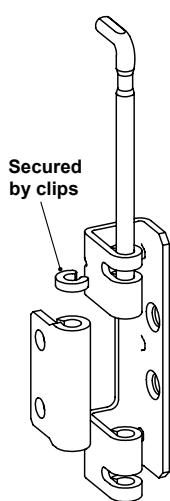
Version 3



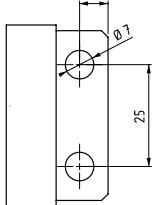
Version 4



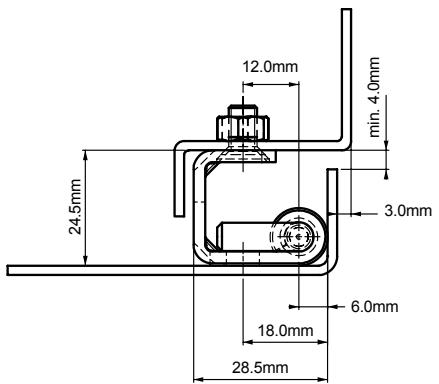
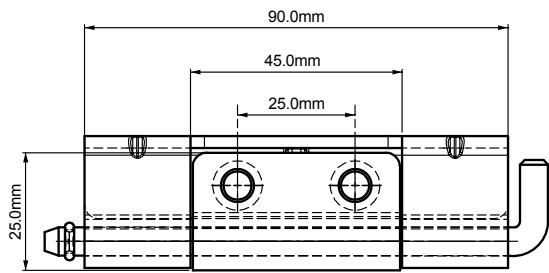
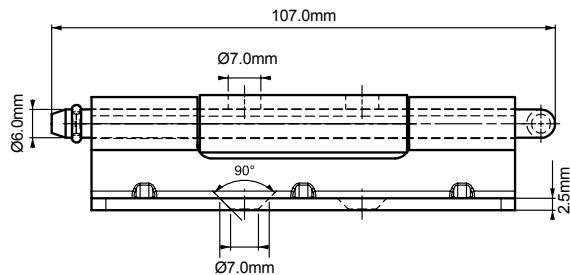
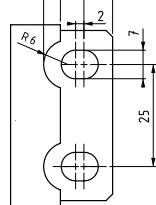
Type 1



Type 2



Middle Parts



## Specifications:

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

## Features:

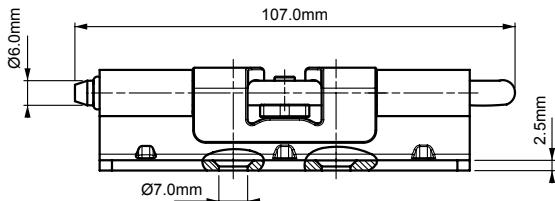
- Suitable for doors with 25mm bend
- Hinge rotation 110°
- Ideal for electric panels and machinery cover applications
- Side part can be mounted with M5 screw
- For Type 2 Middle Parts, please contact Essentra for details
- O-Ring acts as retainer ring for pin: remove O-Ring to pull pin from hinge for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

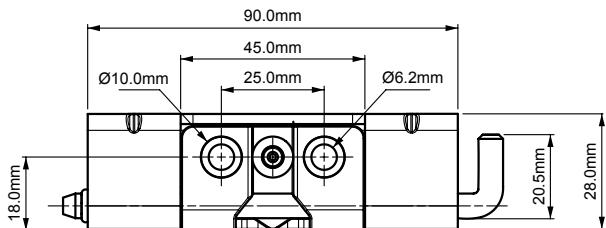
## CONCEALED &amp; SPRING LOADED HINGES

## 995 Series

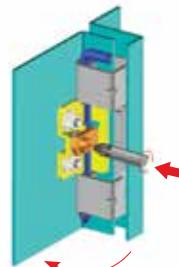
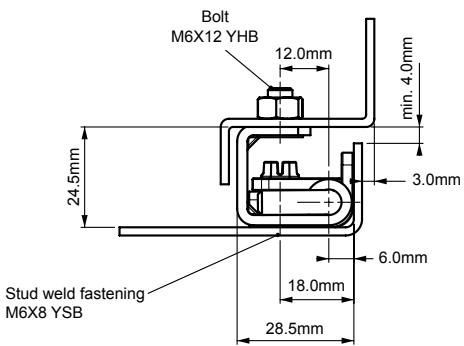
## Concealed Hinge



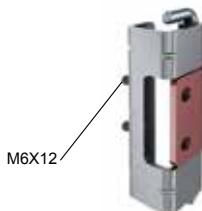
Position 1 - Closed door



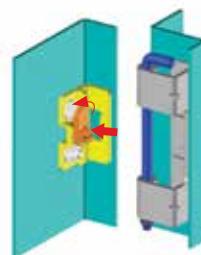
Position 2 - After the door is opened, cam is rotated 90° with a screwdriver



Stud version



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

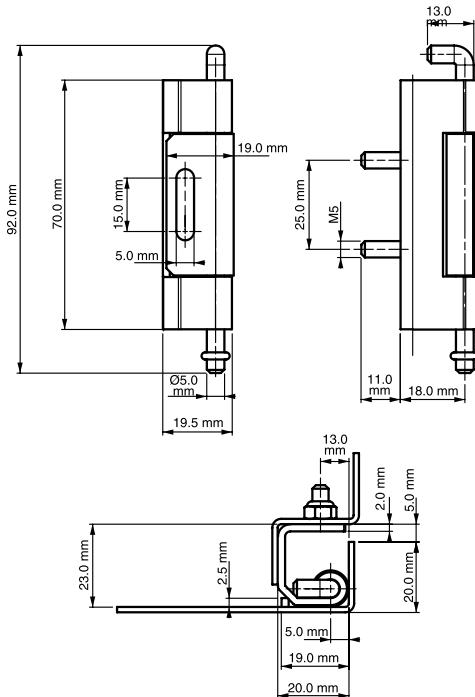
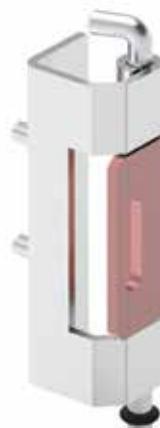
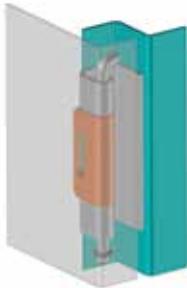
99563210

Hole

99563211

Stud

## CONCEALED &amp; SPRING LOADED HINGES


**1095 Series**  
**Concealed Hinge**


## Specifications:

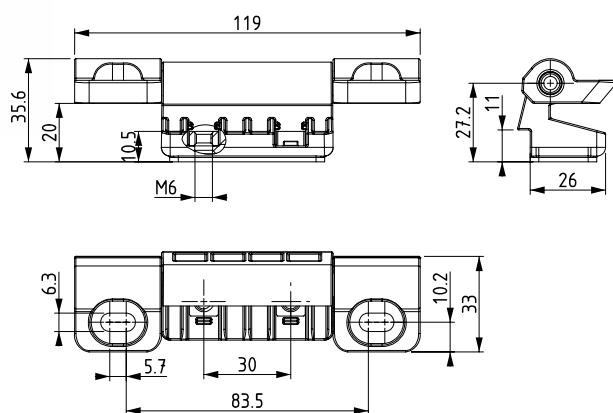
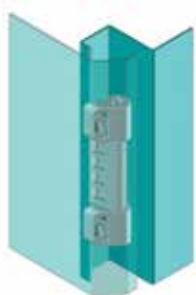
- Material:
  - Body: Steel
  - Pin: Steel
  - Body Finish: Zinc Plated
  - Fixed Parts: Copper Plated

## 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

**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



ACCESS HARDWARE

## CONCEALED & SPRING LOADED HINGES

**HIPC Series**  
Continuous Plastic Hinges

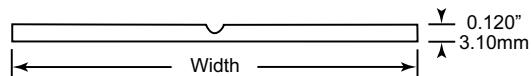


### Specifications:

- Material: Modified Polyolefin Copolymer
- Color: See Table

### Features:

- Resistant to salt water, oil, solvents, dilute acids, alkalies 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

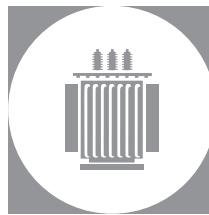
## CUSTOM SOLUTIONS



Indoor &amp; Outdoor Cabinets



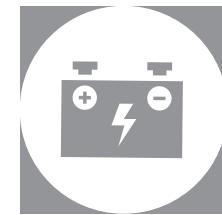
IT Cabinets



Transformers



Industrial Machinery



Power Generators



HVAC



Road Transportation



Rail Transportation



Food Industry

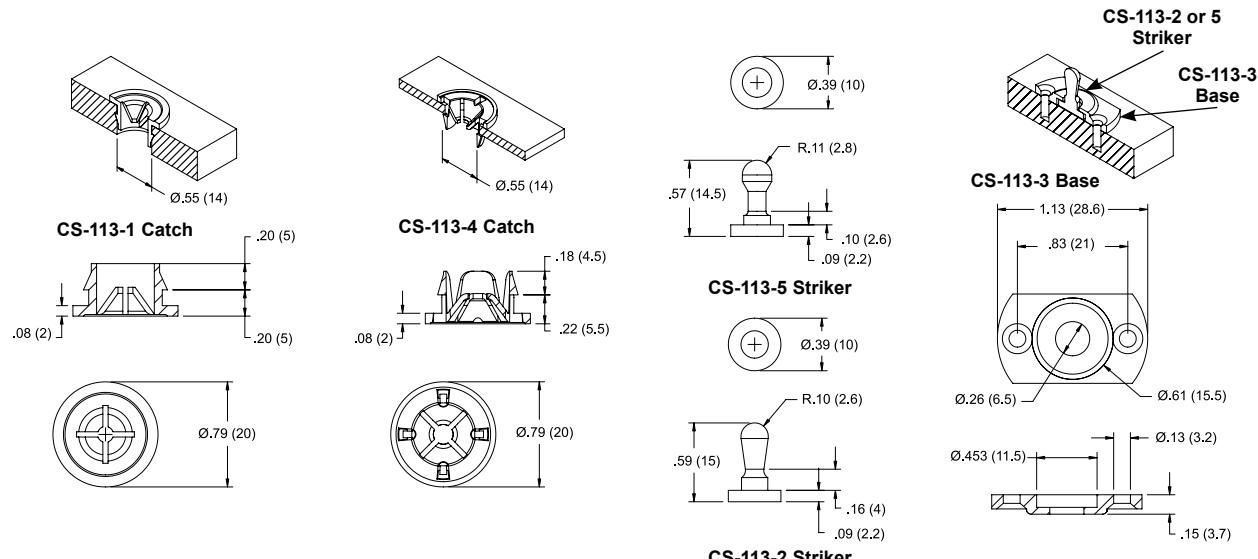
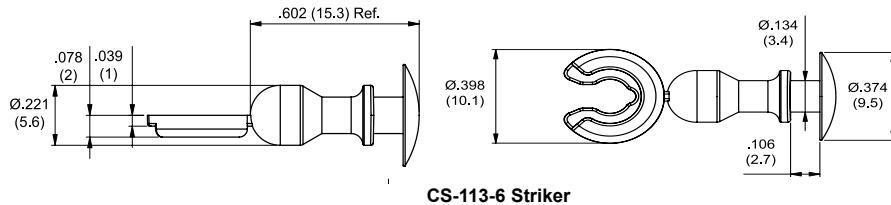
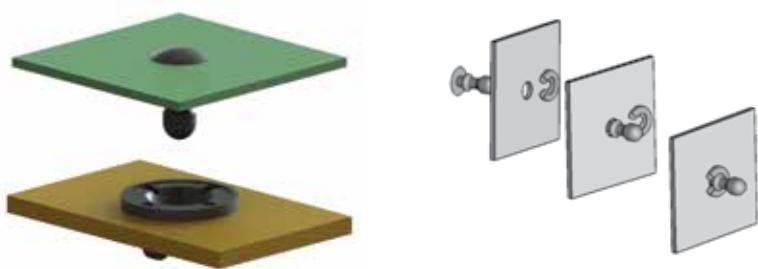


Diversified Applications

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.

ESSENTIAL SOLUTIONS

DELIVERED


**CS Series**  
**Panel Catch and Striker**

**Specifications:**

- Material: See Table
- Color: See Table

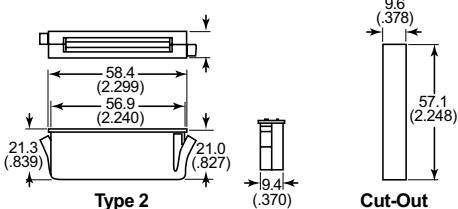
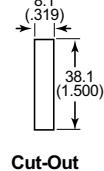
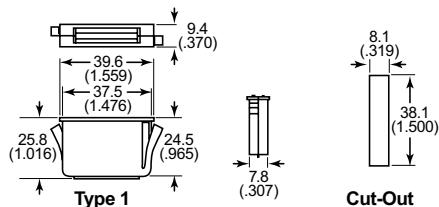
**Features:**

- 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 Striker comes as one part including the retainer washer	Use #4, #5 or M3 countersunk screw.

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 &amp; PANEL FASTENERS

MAGS Series  
Magnetic Catches

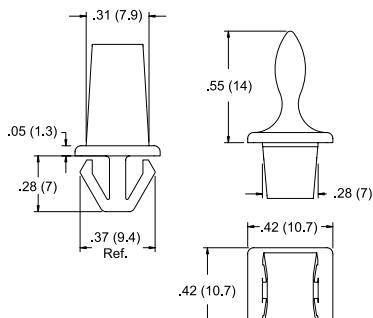
## Specifications:

- Material: Polypropylene Shell

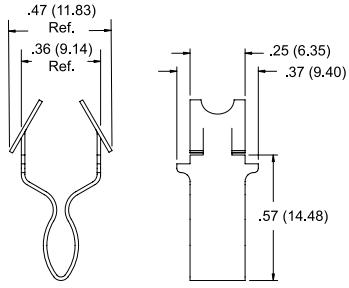
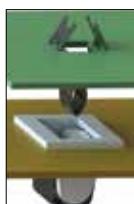
## Features:

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

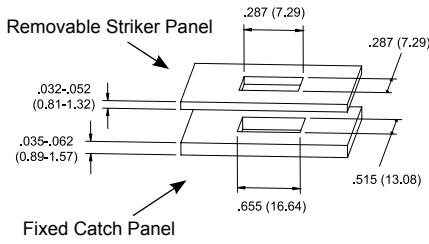
Item No.	Type	Bulk Pack Qty.
MAGS257A	1	20
MAGS259A	2	20

DCS Series  
Metal & Plastic Catch and Striker

DCS-1



DCS-4



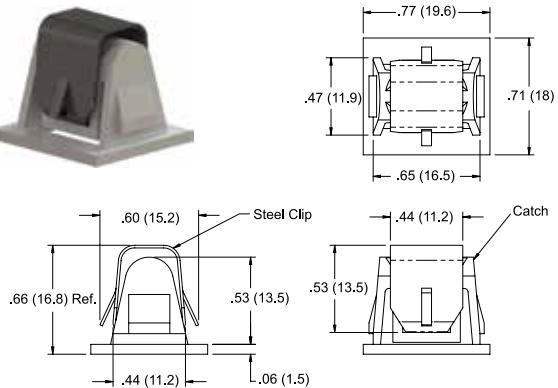
Mounting Holes

## Specifications:

- Material: See Table
- Color: See Table

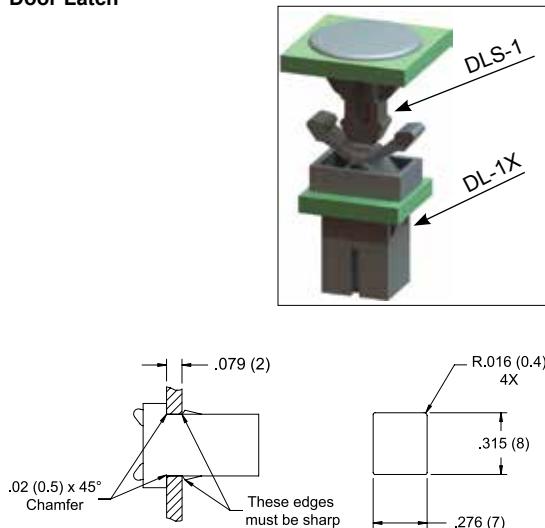
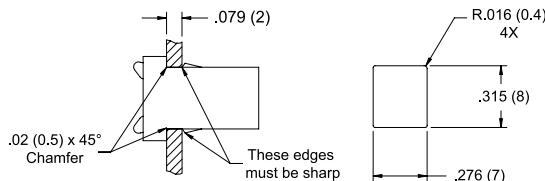
## Features:

- Rugged latching device for metal cabinet doors and access panels



DCS-7

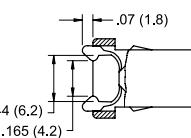
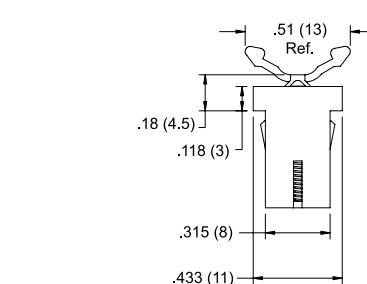
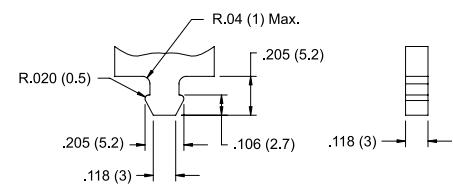
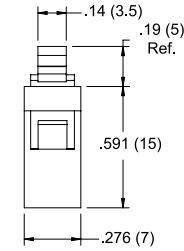
Item No.	Color	Catch/Striker	Material	Material UL Rating	Bulk Pack Qty.
DCS-1	Natural	Striker	Acetal	UL94 HB	500
DCS-4	Steel	Striker	Plated Steel	—	500
DCS-7	Natural	Catch	Nylon 6/6, Plated Steel	UL94 V-2	500


**DL Series**  
**Door Latch**
**Mounting Hole****Specifications:**

- Material: UL94 HB Acetel
- Color: Black

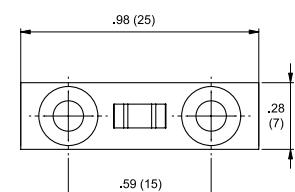
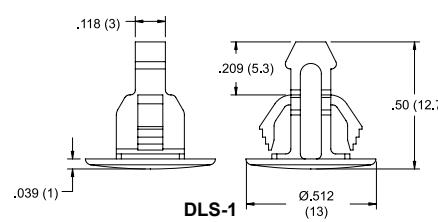
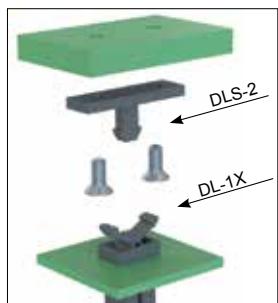
**Features:**

- 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

**Locked Position****Striker Configuration**

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

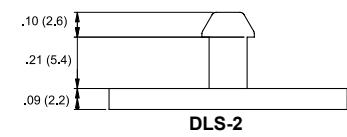
Item No.	Bulk Pack Qty.
DL-1X	500

**DLS Series**  
**Door Latch Striker**
**Specifications:**

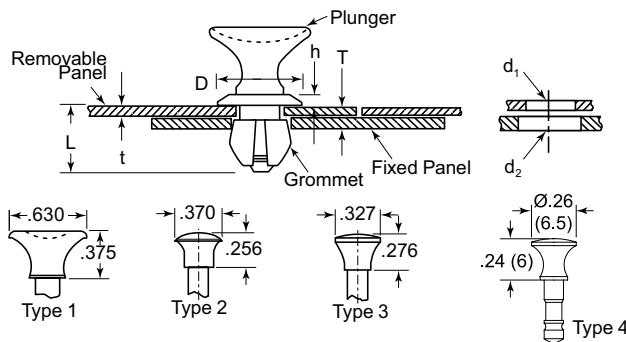
- Material: UL94 HB Acetel
- Color: Black

**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.
DL-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****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)	
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	
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



## **FQT Series** **Quarter Turn Panel Fastener**



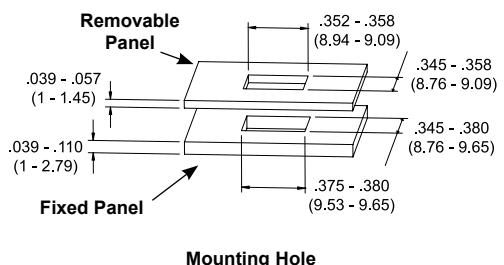
Technical drawing showing the 'As Molded' and 'Installed' states of a component. The 'As Molded' state shows a height of 1.23 (31.2) mm. The 'Installed' state shows a height of .45 (11.4) mm, with a .25 (6.3) mm gap and a .47 (11.9) mm shoulder. Dimensions are in mm (in parentheses) and inches (in parentheses).

## Specifications:

- Material: UL94 HB Acetal
- Color: See Table

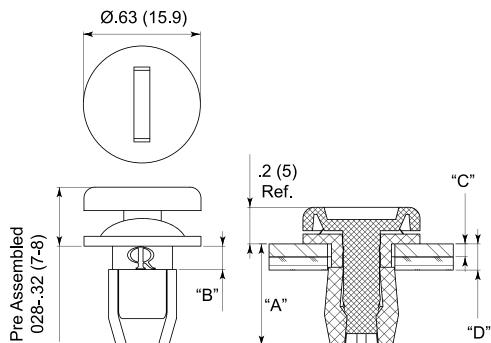
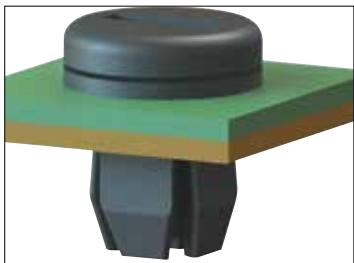
## Features:

- 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
<b>FQT-1BK</b>	Black	1000

## **QTPF Series** **Quarter Turn Panel Fastener**

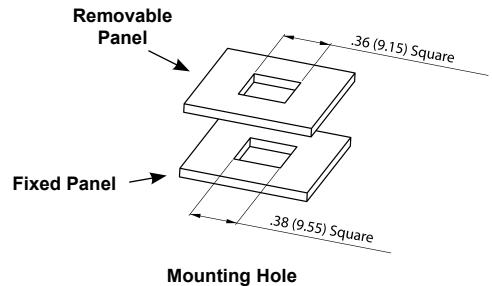


## Specifications:

- 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