



# E5 Cam Latches

## Overview

### Modularity and simplicity in action

The *SOUTHCO*® E5 cam latch is a highly modular and easy to configure solution, suitable for a wide range of applications. By changing any of the three basic components (access style driver, latch body or cam) in either geometry or material, the E5 can be easily adjusted to suit most applications.

#### Product features

- Cost effective, easy to design and install
- Multiple material and access options to suit multiple needs
- Suitable to meet NEMA 4 / IP65 sealing standards
- Corrosion-resistant materials available
- Highly modular and configurable

#### ➤ Match material and finish options for style and functionality requirements

A variety of materials and finishes to complement your application.

Die-cast zinc latch bodies standard finishes:



Chrome plated



Black powder coated

Corrosion resistant materials available



316  
Stainless steel



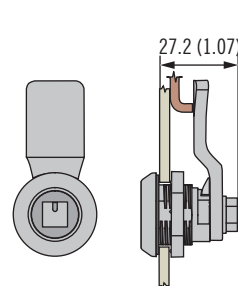
Glass-filled  
nylon, black



304  
Stainless steel

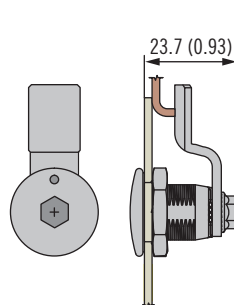
#### ➤ Select one of these four styles to fit your access requirements

There are four basic E5 styles to meet specific door configuration and mounting requirements in terms of design, depth, surface protrusion and operation style.



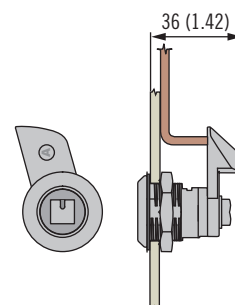
#### E5 Standard

Industry standard, highly modular and configurable options in a wide choice of materials, finishes and access styles. (See page 118)



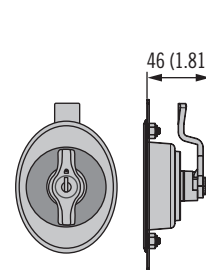
#### E5 Low Profile

Stylish, low profile design. Tool and hand operated access styles in zinc alloy chrome plated or black powder coated. (See page 120)



#### E5 Push-to-Close

Standard E5 with the added functionality of a spring-loaded cam or actuator for single or multi-point operation. Provides quicker turn-to-open, push-to-close action. (See page 128)



#### E5 Flush Cup Wing Knob

Stylish oval cup design. Provides a clean, flush outer surface. Ideal for multi-point actuation of large doors in aesthetically pleasing applications. (See page 122)

Dimensions in millimeters (inch) unless otherwise stated



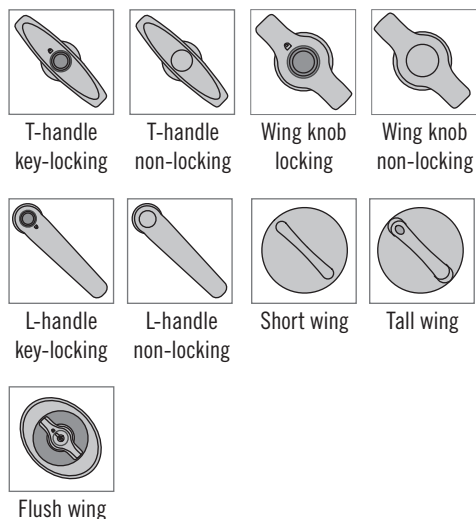
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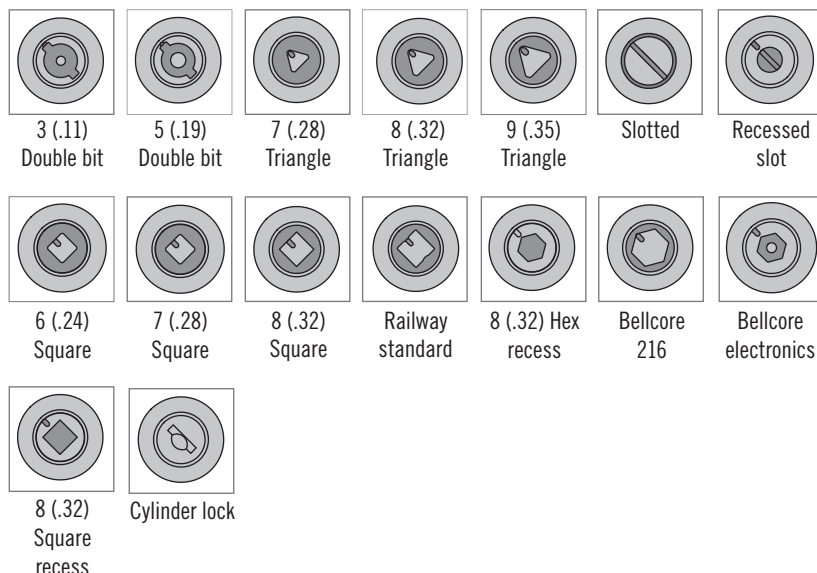
➔ Choose from a wide range of operating styles to fit application and industry requirements.

- ➔ Convenient hand-operated wing knob, T and L-handle styles for easy hand access
- ➔ Tool operated for restricted access, flush-mount or low-profile clearances, and industry-specific standards
- ➔ Key operated for added security

### Hand operable

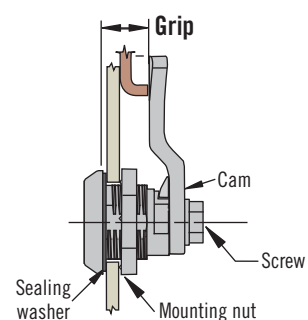


### Tool / key operable



### ➔ Determine your grip options for a perfect fit

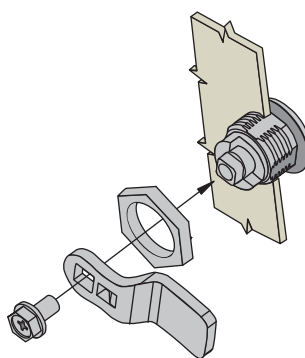
Total grip includes the dimensions of all elements in-between the mounting surface of the latch and the latch's contact surface on the frame - including door thickness, compressed seals and gaskets, accessories, frame offset, etc.



Selecting the right cam for the E5 is easy once the total grip is known. Southco provides a wide selection of standard cams in many grip increments, and special ones like hook and push-to-close cams. Standard cams provide vibration resistance and grip variation tolerance.

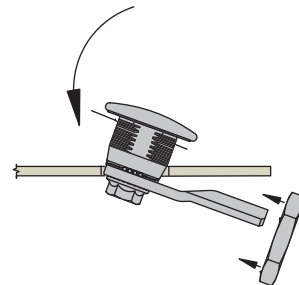
### Installation

Some *SOUTHCO*® E5 latches are shipped latch and cam separately and some completely pre-assembled. See product pages for details.



#### E5 Standard

Latch and cam shipped separately.



#### E5 Low Profile

Latch and cam shipped pre-assembled.



# E5 Cam Latch

Stainless steel · Tool operated · Fixed grip

- Single hole install
- Latched / unlatched indicator
- EN 45545-3 E60 Compliant

## Material and Finish

Stainless steel, 304 or 316 grade

## Performance Details

Maximum static load:

304 Stainless steel 550 N (124 lbf)

316 Stainless steel 670 N (150 lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Installation Notes

Mounting nut:

Maximum tightening torque:

20 N·m (177 in·lbf)

Screw Maximum tightening torque

10 N·m (90 in·lbf)

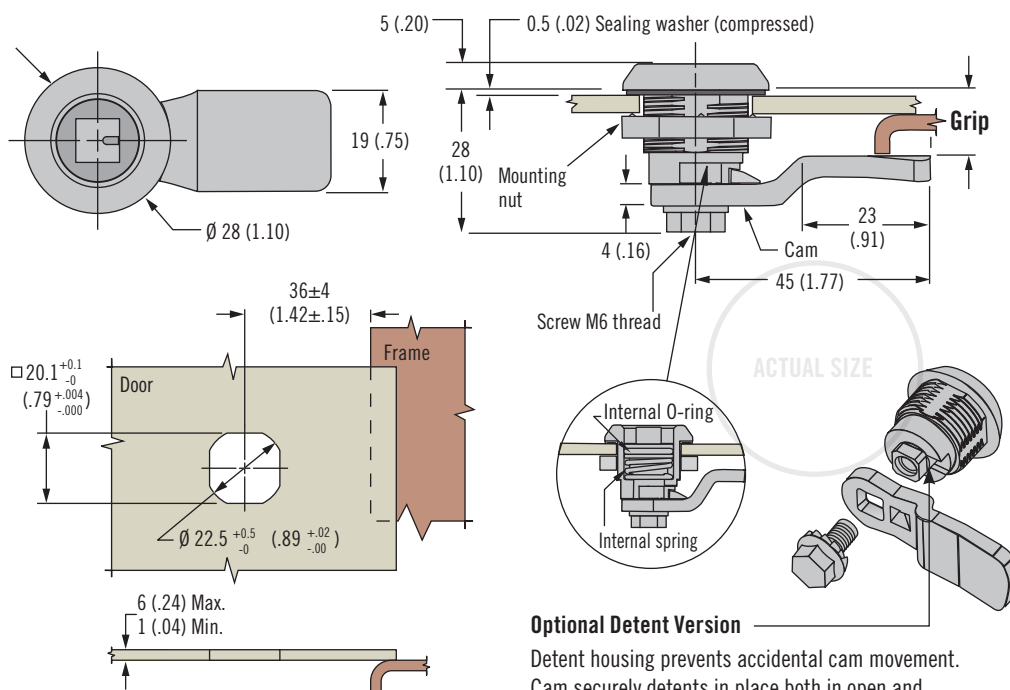
## Keys and Accessories

See page 130

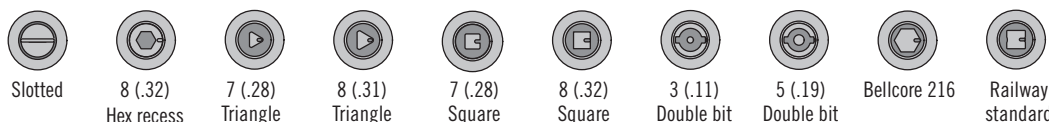
## Part Number Selection

See table

Order latch and cam separately



## H Head Styles



## Optional Detent Version

Detent housing prevents accidental cam movement. Cam securely detents in place both in open and closed positions.

Latch Part Number (no cam)

**E5 - B - H M - UU1**

## B Body

6 Normal housing

32 Detented housing

## H Head style

00 Slotted

01 8 (.32) Hex recess

02 7 (.28) Triangle

03 8 (.32) Triangle

04 7 (.28) Square

## M Material

24 304 Stainless steel

27 316 Stainless steel

05 8 (.32) Square

06 3 (.11) Double bit

07 5 (.19) Double bit

13 Bellcore 216

22 Railway standard

Cam Part Number Table (order separately from latch)

| Grip<br>+2(.08)<br>- 0 (.00) | Part Number               |                           | Grip<br>+2(.08)<br>- 0 (.00) | Part Number               |                           | Grip<br>+2(.08)<br>- 0 (.00) | Part Number               |                           | Grip<br>+2(.08)<br>- 0 (.00) | Part Number               |                           |
|------------------------------|---------------------------|---------------------------|------------------------------|---------------------------|---------------------------|------------------------------|---------------------------|---------------------------|------------------------------|---------------------------|---------------------------|
|                              | 304<br>Stainless<br>steel | 316<br>Stainless<br>steel |                              | 304<br>Stainless<br>steel | 316<br>Stainless<br>steel |                              | 304<br>Stainless<br>steel | 316<br>Stainless<br>steel |                              | 304<br>Stainless<br>steel | 316<br>Stainless<br>steel |
| 4 (.16)                      | E5-8003                   | E5-9003                   | 14 (.55)                     | E5-8008                   | E5-9008                   | 24 (.94)                     | E5-8013                   | E5-9013                   | 34 (1.34)                    | E5-8018                   | E5-9018                   |
| 6 (.24)                      | E5-8004                   | E5-9004                   | 16 (.63)                     | E5-8009                   | E5-9009                   | 26 (1.02)                    | E5-8014                   | E5-9014                   | 36 (1.42)                    | E5-8019                   | E5-9019                   |
| 8 (.31)                      | E5-8005                   | E5-9005                   | 18 (.71)                     | E5-8010                   | E5-9010                   | 28 (1.10)                    | E5-8015                   | E5-9015                   | 38 (1.50)                    | E5-8020                   | E5-9020                   |
| 10 (.39)                     | E5-8006                   | E5-9006                   | 20 (.79)                     | E5-8011                   | E5-9011                   | 30 (1.18)                    | E5-8016                   | E5-9016                   | 40 (1.57)                    | E5-8021                   | E5-9021                   |
| 12 (.47)                     | E5-8007                   | E5-9007                   | 22 (.87)                     | E5-8012                   | E5-9012                   | 32 (1.25)                    | E5-8017                   | E5-9017                   | 42 (1.65)                    | E5-8022                   | E5-9022                   |

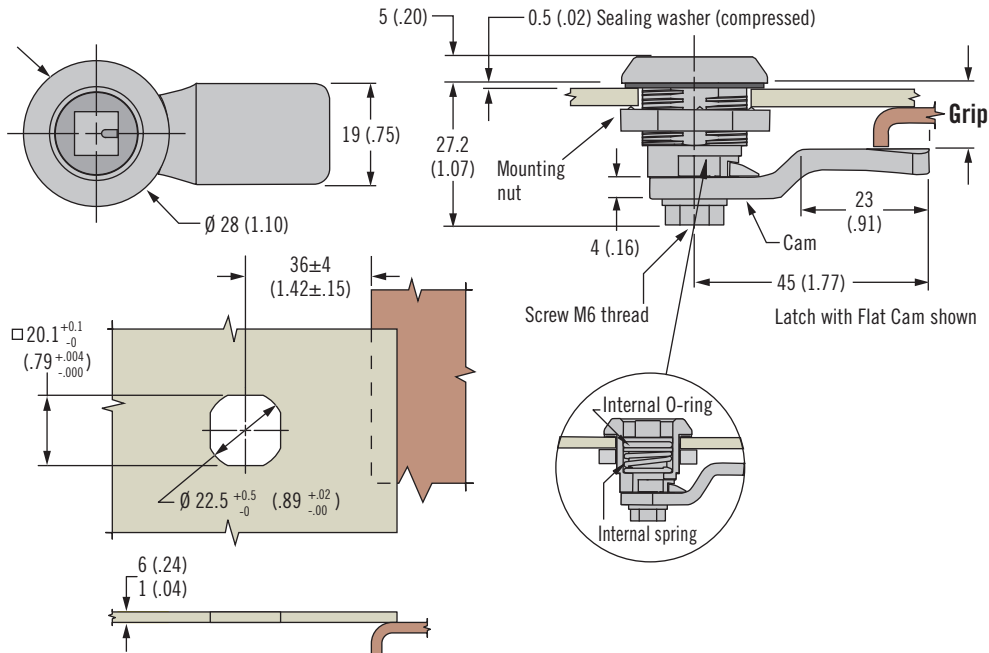


# E5 Cam Latch

Zinc · Tool operated · Short Housing · Fixed grip



119



- Single hole install
- Latched / unlatched indicator
- EN 45545-3 E10 Compliant

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Installation Notes

Mounting nut:

Maximum tightening torque:  
10 N·m (88 in·lbf)

Screw Maximum tightening torque:  
5 N·m (45 in·lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Keys and Accessories

See page 130

## Notes

Suitable for push-to-close action  
see page 128

## Part Number Selection

See table

Order latch and cam separately

**Latch Part Number (no cam)**

**E5 - 6 - H F - UU1**

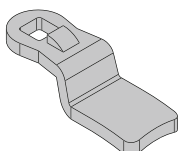
**H Head Styles**

|                                |                             |                               |                                        |
|--------------------------------|-----------------------------|-------------------------------|----------------------------------------|
| 00<br>Slotted                  | 01<br>8 (.32)<br>Hex recess | 02<br>7 (.28)<br>Triangle     | 03<br>8 (.32)<br>Triangle              |
| 04<br>7 (.28)<br>Square        | 05<br>8 (.32)<br>Square     | 06<br>3 (.11)<br>Double bit5  | 07<br>5 (.19)<br>Double bit            |
| 08<br>8 (.32)<br>Square recess | 13<br>Bellcore<br>216       | 19<br>Bellcore<br>electronics | 21<br>Recessed slot (tamper resistant) |
| 22<br>Railway<br>standard      | 23<br>Blank                 |                               |                                        |

**F Finish**

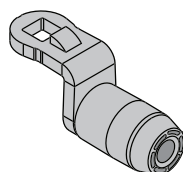
|                    |                          |
|--------------------|--------------------------|
| 2<br>Bright chrome | 5<br>Black powder coated |
|--------------------|--------------------------|

Cam Options - See Page 127A Short Housing Table



### Flat Cam

- Stable frame engagement
- Improved surface contact
- Minimal frame surface prep



### Roller Cam

- Reduce operating effort
- Minimize scratching frame finish
- Detented feel (with optional Keeper)

**Optional Keeper for Roller Cam**  
Part number E5-74-601-33





# E5 Cam Latch

Zinc · Tool operated · Long Housing · Fixed grip

- Single hole install
- Latched / unlatched indicator
- Suitable for thick doors

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 30 N (74 lbf)

## Installation Notes

Mounting nut:

Maximum tightening torque:  
10 N·m (88 in·lbf)

Screw Maximum tightening torque:  
5 N·m (45 in·lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using  
gasket supplied

## Keys and Accessories

See page 130

## Part Number Selection

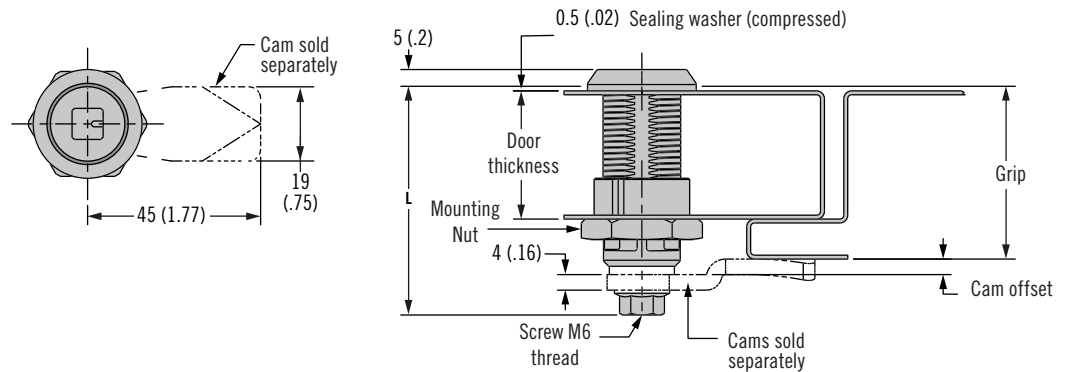
See table

Order latch and cam separately

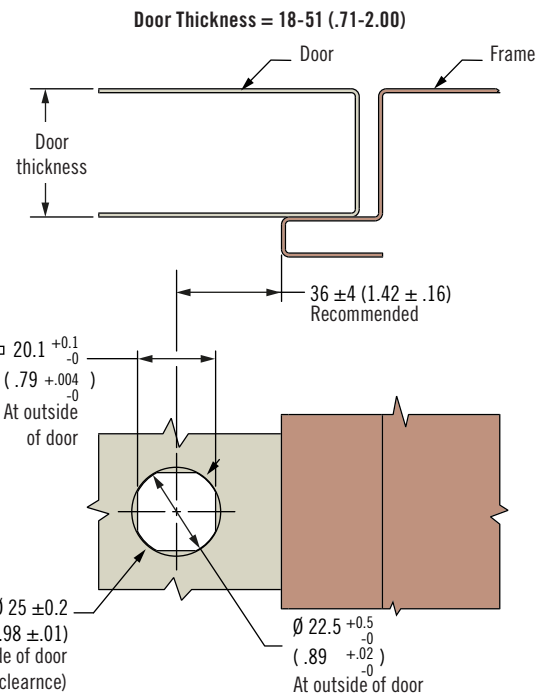
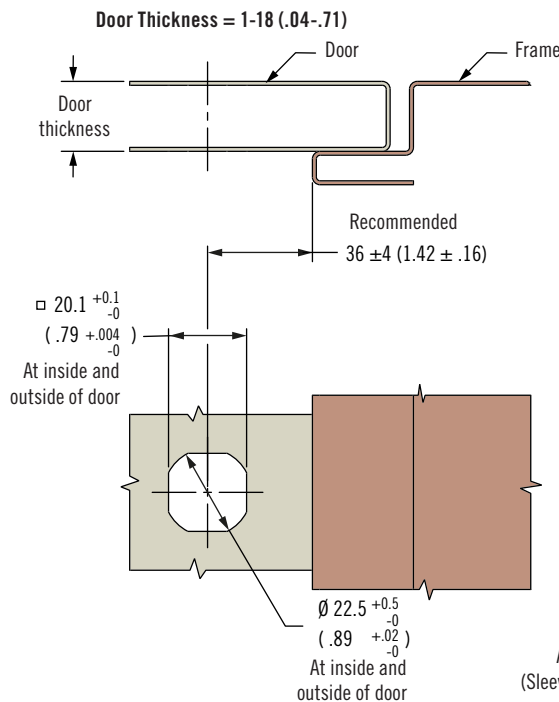
Compatible with flat and roller cams  
- See page 127B, Long Housing  
Table for cam part numbers

## Optional Keeper for Roller Cam

Part number E5-74-601-33



## Door Preparation



**E5 - 6 A - H F - UU D**

## Finish

- 2 Bright chrome
- 5 Black powder coated

## H Head style (See pg 117 for details)

- |                       |                                     |
|-----------------------|-------------------------------------|
| 00 Slotted            | 08 8 (.32) Square recess            |
| 01 8 (.32) Hex recess | 13 Bellcore 216                     |
| 02 7 (.28) Triangle   | 19 Bellcore Electronics             |
| 03 8 (.32) Triangle   | 21 Recessed slot (tamper resistant) |
| 04 7 (.28) Square     | 22 Railway standard                 |
| 05 8 (.32) Square     | 23 Blank                            |
| 06 3 (.11) Double bit |                                     |
| 07 5 (.19) Double bit |                                     |

| D | Door Thickness    | Grip Range        | L           |
|---|-------------------|-------------------|-------------|
| 1 | 1-18 (.04-.71)    | 5-53 (.20-2.09)   | 45.5 (1.79) |
| 2 | 1-18 (.04-.71)    | 54-82 (2.13-3.23) | 68.2 (2.69) |
| 3 | 18-33 (.71-1.30)  | 18-66 (.71-2.60)  | 58.2 (2.29) |
| 4 | 18-33 (.71-1.30)  | 68-82 (2.60-3.23) | 68.2 (2.69) |
| 5 | 33-51 (1.30-2.00) | 34-82 (1.34-3.23) | 68.2 (2.69) |

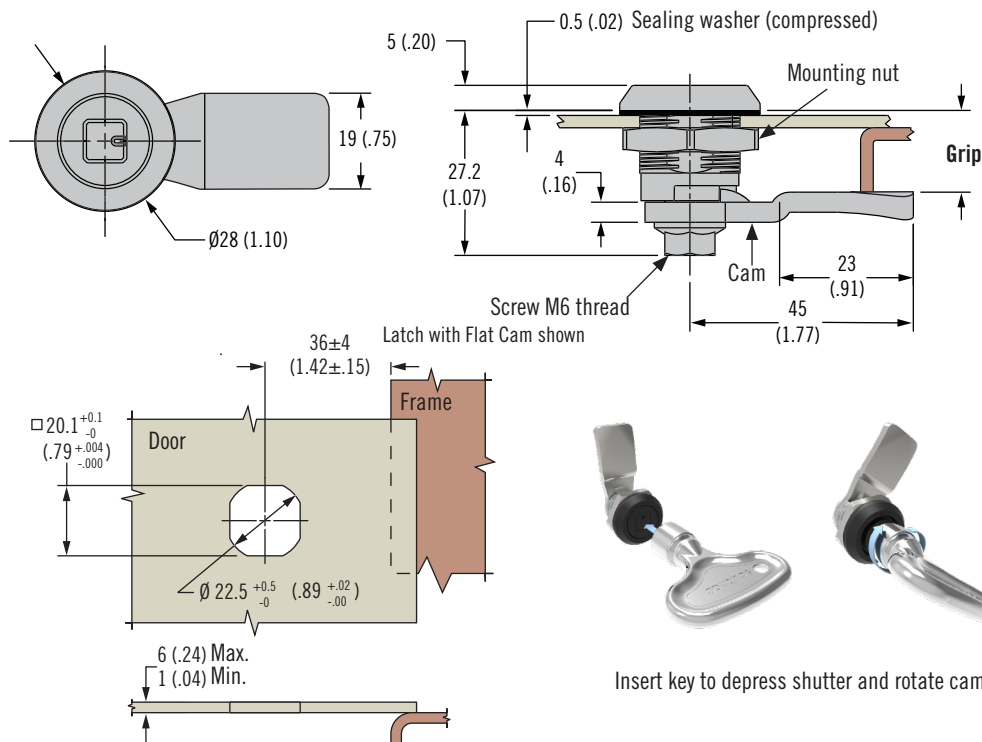
Dimensions in millimeters (inch) unless otherwise stated

# E5 Cam Latch

Zinc · Shutter · Tool operated · Fixed grip



119B



Insert key to depress shutter and rotate cam

## H Head Styles



## Latch Part Number (no cam)

E5 - 8 - H F - UU1

## F Finish

- 2 Bright chrome
- 5 Black powder coated

## H Head style

- 02 7 (.28) Triangle
- 03 8 (.32) Triangle
- 04 7 (.28) Square
- 05 8 (.32) Square
- 13 Bellcore 216

## Cam Part Number Table (order separately from latch)

| Grip     | Part Number | Grip     | Part Number | Grip      | Part Number | Grip      | Part Number |
|----------|-------------|----------|-------------|-----------|-------------|-----------|-------------|
| 4 (.16)  | E5-6003     | 14 (.55) | E5-6008     | 24 (.94)  | E5-6013     | 34 (1.34) | E5-6018     |
| 6 (.24)  | E5-6004     | 16 (.63) | E5-6009     | 26 (1.02) | E5-6014     | 36 (1.42) | E5-6019     |
| 8 (.31)  | E5-6005     | 18 (.71) | E5-6010     | 28 (1.10) | E5-6015     | 38 (1.50) | E5-6020     |
| 10 (.39) | E5-6006     | 20 (.79) | E5-6011     | 30 (1.18) | E5-6016     | 40 (1.57) | E5-6021     |
| 12 (.47) | E5-6007     | 22 (.87) | E5-6012     | 32 (1.25) | E5-6017     | 42 (1.65) | E5-6022     |

- Single hole install
- Latched / unlatched detent
- Vibration resistant
- EN 61373 Compliant

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Installation Notes

Mounting nut maximum tightening torque: 10 N·m (88 in·lbf)

Screw Maximum tightening torque: 5 N·m (45 in·lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Keys and Accessories

See page 130

## Part Number Selection

See table

Order latch and cam separately



# E5 Cam Latch Low Profile

Zinc · Tool or hand operated · Fixed grip

- Single hole install
- Latched / unlatched indicator
- Shipped fully assembled
- EN 45545-3 E10 Compliant

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Installation Notes

Mounting nut

Maximum tightening torque:  
10 N·m (88 in·lbf)

## Keys and Accessories

See page 130

## Part Number Selection

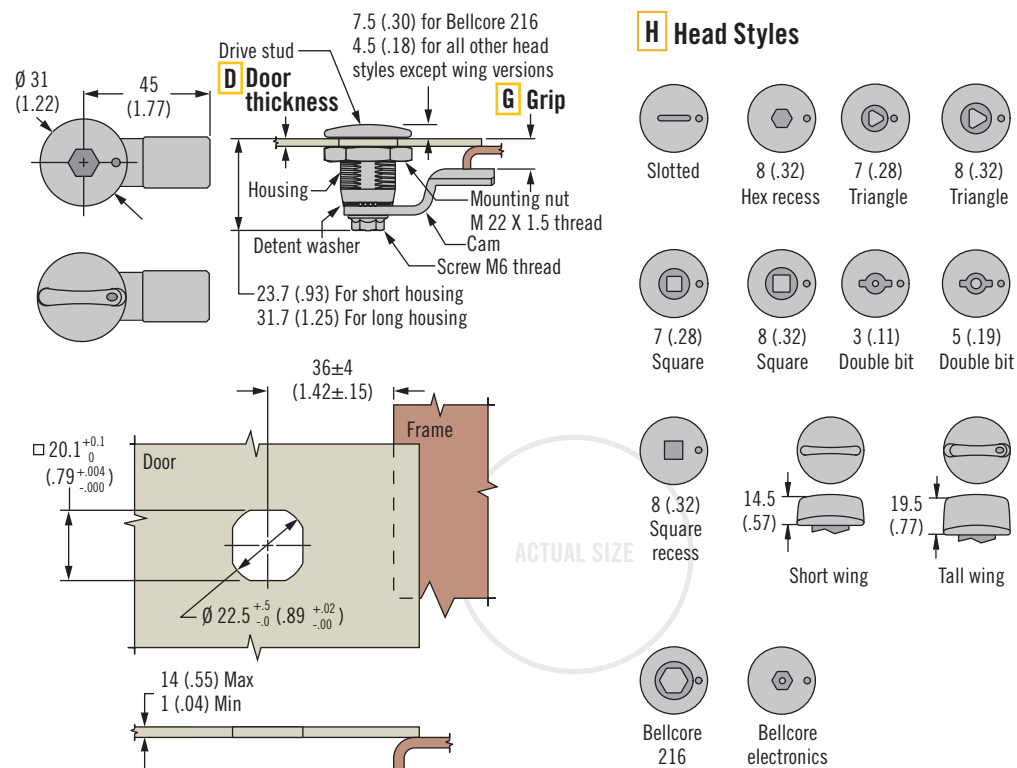
See table

Latch is shipped fully assembled

For door thicknesses

1 - 6 (.039 - .236) grip must exceed door thickness by 4 (.157) for assembled installation

When sealing option is selected, add 0.4 (.02) to grip calculation to accommodate sealing washer



### H Head style

- |                       |                          |
|-----------------------|--------------------------|
| 00 Slotted            | 07 5 (.19) Double bit    |
| 01 8 (.32) Hex recess | 08 8 (.32) Square recess |
| 02 7 (.28) Triangle   | 11 Short wing            |
| 03 8 (.32) Triangle   | 12 Tall wing             |
| 04 7 (.28) Square     | 13 Bellcore 216          |
| 05 8 (.32) Square     | 19 Bellcore Electronics  |
| 06 3 (.11) Double bit |                          |

### F Finish

- 1 Textured chrome  
5 Black powder coated

### S Sealing option

- 0 No o-ring or external seal  
1 O-ring and external seal to meet NEMA 4/IP65 standards

### D Door thickness range

- 1 1 - 6 (.039 - .236) (short housing supplied)  
2 1 - 14 (.039 - .551) (long housing supplied)

### G Grip table

| G  | Grip          |              | G  | Grip          |              | G  | Grip          |              | G  | Grip          |              |
|----|---------------|--------------|----|---------------|--------------|----|---------------|--------------|----|---------------|--------------|
|    | Short housing | Long housing |    | Short housing | Long housing |    | Short housing | Long housing |    | Short housing | Long housing |
| 00 | Do not use    | 6 (.24)      | 05 | 8 (.31)       | 16 (.63)     | 10 | 18 (.71)      | 26 (1.02)    | 15 | 28 (1.10)     | 36 (1.42)    |
| 01 | Do not use    | 8 (.31)      | 06 | 10 (.39)      | 18 (.71)     | 11 | 20 (.79)      | 28 (1.10)    | 16 | 30 (1.18)     | 38 (1.50)    |
| 02 | 2 (.08)       | 10 (.39)     | 07 | 12 (.47)      | 20 (.79)     | 12 | 22 (.87)      | 30 (1.18)    | 17 | 32 (1.25)     | 40 (1.57)    |
| 03 | 4 (.16)       | 12 (.47)     | 08 | 14 (.55)      | 22 (.87)     | 13 | 24 (.94)      | 32 (1.25)    | 18 | 34 (1.34)     | 42 (1.65)    |
| 04 | 6 (.24)       | 14 (.55)     | 09 | 16 (.63)      | 24 (.94)     | 14 | 26 (1.02)     | 34 (1.34)    | 19 | 36 (1.42)     | 44 (1.73)    |

If grip falls between two choices, use the smaller option

Dimensions in millimeters (inch) unless otherwise stated



[www.southco.com/E5](http://www.southco.com/E5)

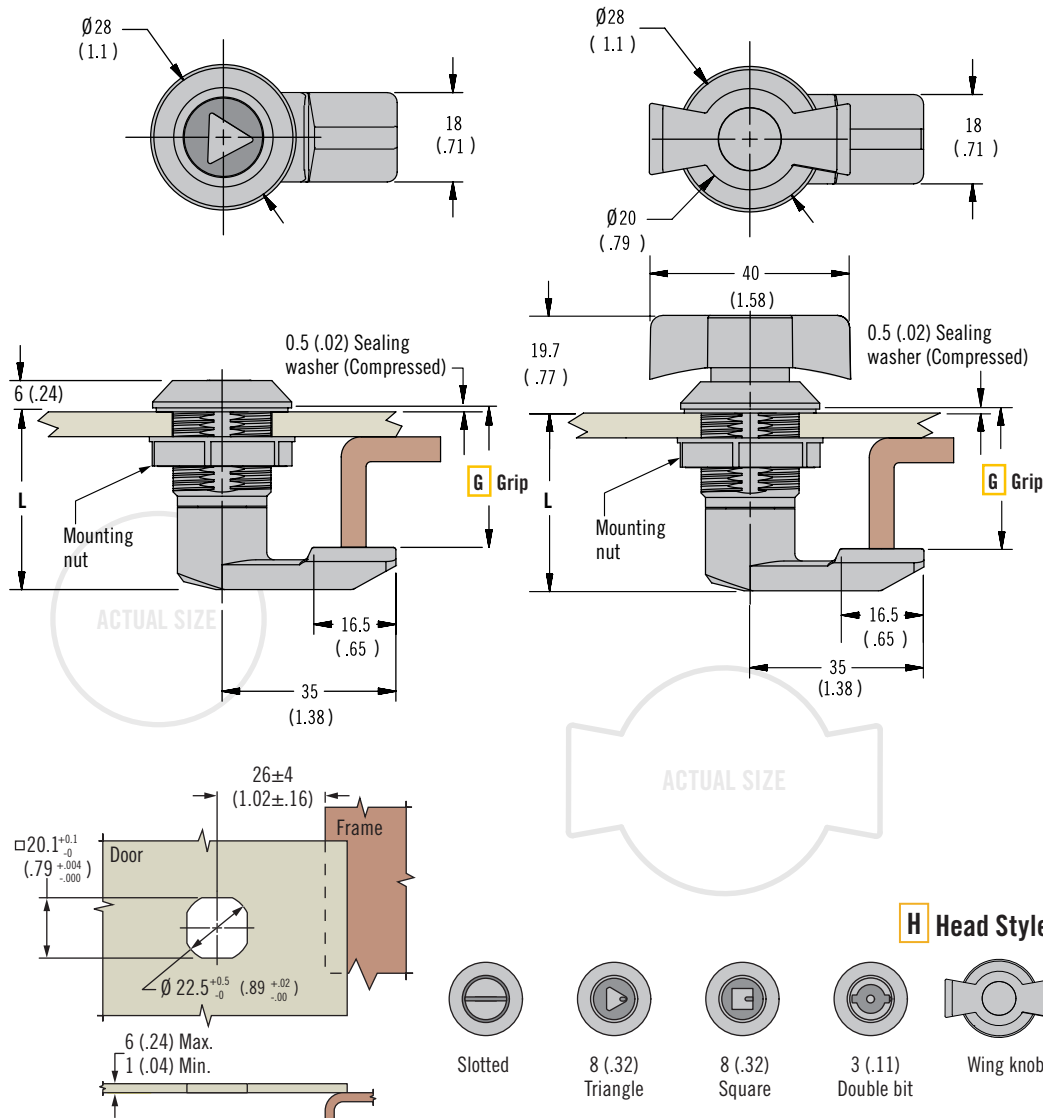
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# E5 Cam Latch

Glass-filled nylon · Tool or hand operated · Fixed grip



121



- Single hole install
- Corrosion-resistant materials

## Material and Finish

Glass-filled nylon and Stainless steel

## Performance Details

Average ultimate load:  
300 N (68 lbf)

## Installation Notes

Mounting nut  
Maximum tightening torque:  
4.25 N-m (38 in-lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using  
gasket supplied

## Keys and Accessories

See page 130

## Latch Part Number

**E5 - 4 - H 3 - G 1**

## H Head style

- 00 Slotted
- 03 8 (.32) Triangle
- 05 8 (.32) Square
- 06 3 (.11) Double bit
- 30 Wing knob

## Part Number Selection

See table

| G Grip table |    |            |                                         |            |    |             |                                         |            |    |             |                                         |
|--------------|----|------------|-----------------------------------------|------------|----|-------------|-----------------------------------------|------------|----|-------------|-----------------------------------------|
| Total Grip   | G  | L          | Max. Door Thickness for Assembled Latch | Total Grip | G  | L           | Max. Door Thickness for Assembled Latch | Total Grip | G  | L           | Max. Door Thickness for Assembled Latch |
| 16 (.63)     | 16 | 28.1 (1.1) | 5 (.20)                                 | 24 (.94)   | 24 | 34.6 (1.36) | 6 (.24)                                 | 30 (1.18)  | 30 | 40.6 (1.6)  | 6 (.24)                                 |
| 18 (.71)     | 18 | 28.1 (1.1) | 5 (.20)                                 | 25 (.98)   | 25 | 35.6 (1.4)  | 6 (.24)                                 | 32 (1.26)  | 32 | 42.6 (1.68) | 6 (.24)                                 |
| 20 (.79)     | 20 | 28.1 (1.1) | 6 (.24)                                 | 26 (1.02)  | 26 | 36.6 (1.44) | 6 (.24)                                 | 34 (1.34)  | 34 | 44.6 (1.76) | 6 (.24)                                 |
| 22 (.87)     | 22 | 32 (1.26)  | 6 (.24)                                 | 28 (1.10)  | 28 | 38.6 (1.52) | 6 (.24)                                 | 36 (1.42)  | 36 | 46.6 (1.83) | 6 (.24)                                 |



# E5 Cam Latch

Zinc · Flush cup wing style · Hand operated · Fixed grip

- Low profile
- Multiple key code options

## Material and Finish

Zinc alloy, powder coated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Installation Notes

Mounting nuts 10-24 UNC (supplied)  
maximum tightening torque: 3 N·m  
(25 in·lbf)

Screw maximum tightening torque:  
10 N·m (90 in·lbf)

## Keys

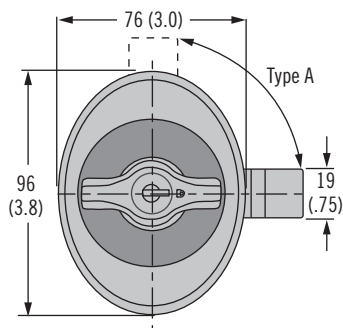
See page 130

## Notes

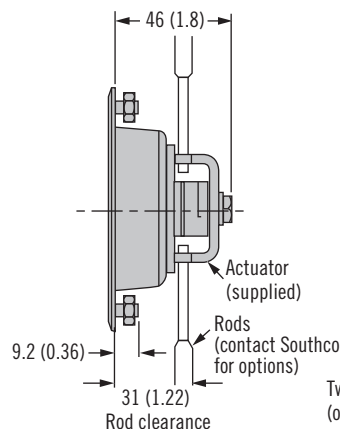
Two point push-to-close action:  
Internal spring causes return of  
wing knob and actuator to original  
latched position when wing knob is  
released after opening. Ideal for use  
with cables and rotary latches.

For lock core selection and a  
complete overview of the *SOUTHCO*®  
Key-Choice System see page 158

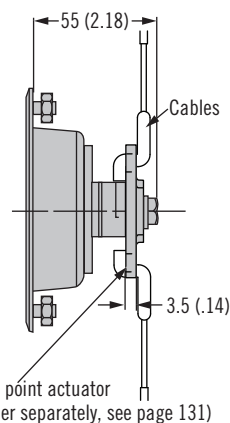
## Single Point



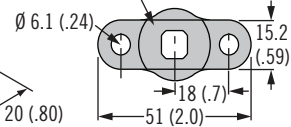
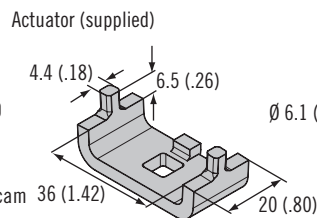
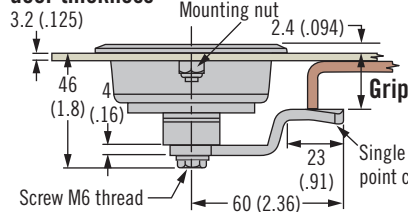
## Two Point (for use with rods)



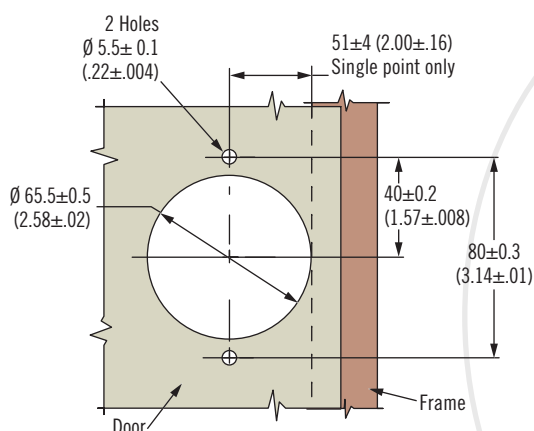
## Two Point Push-to-Close Action (spring-loaded)



## Maximum door thickness

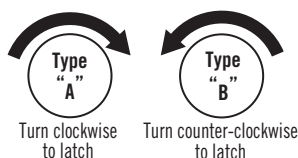
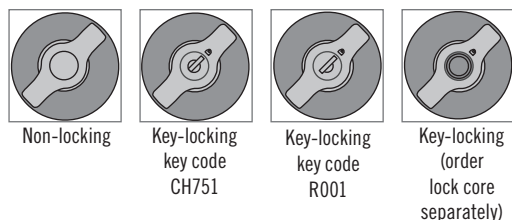
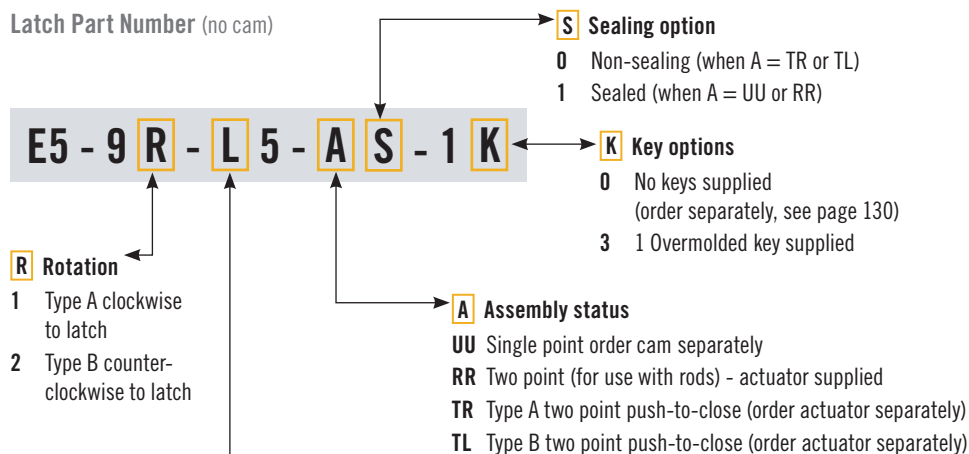


## Type A (reverse frame for type B)



ACTUAL SIZE

Dimensions in millimeters (inch) unless otherwise stated

**R** Rotation**L** Lock Styles**Latch Part Number** (no cam)**Cam Part Number Table** (order separately from latch)

| Grip        | Part Number | Grip        | Part Number |
|-------------|-------------|-------------|-------------|
| 22.7 (.89)  | E5-6603     | 30.7 (1.21) | E5-6607     |
| 24.7 (.97)  | E5-6604     | 32.7 (1.29) | E5-6608     |
| 26.7 (1.05) | E5-6605     | 34.7 (1.37) | E5-6609     |
| 28.7 (1.13) | E5-6606     | 36.7 (1.44) | E5-6610     |

If grip falls between two choices, use the smaller option

Dimensions in millimeters (inch) unless otherwise stated

**Part Number Selection**

See table

**Single point**

Order latch and cam separately

**Two point (for use with rods)**

Order latch only  
(two point actuator supplied)

**Two point push-to-close action (spring loaded)**

Order latch and actuator separately.  
Actuator part number A5-91-201-11,  
see page 131 for details.  
To be used with *SOUTHCO*® R4  
rotary series latches and cables  
see page 272.





# E5 Cam Latch

Zinc · L-handle · Hand operated · Fixed grip

- Single hole install
- Multiple key codes

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Installation Notes

Mounting nut: Maximum tightening torque:

10 N·m (88 in·lbf)

Screw maximum tightening torque:

10 N·m (90 in·lbf)

## Keys

See page 130

## Notes

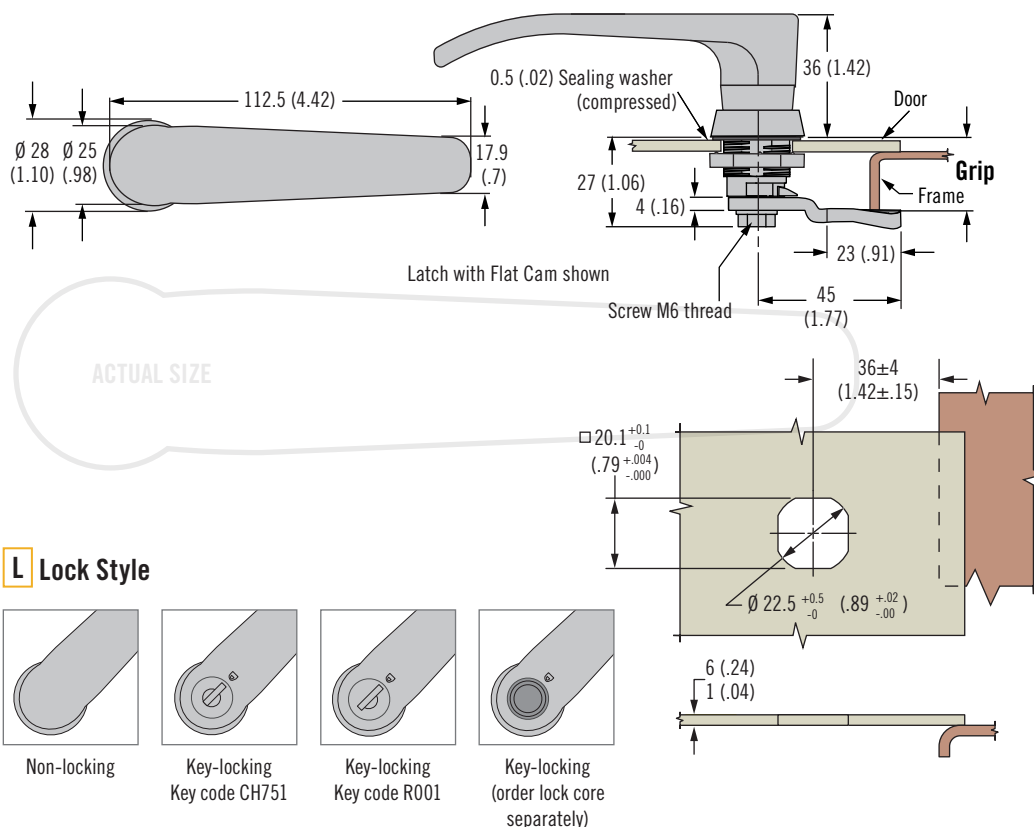
Suitable for push-to-close action see page 128

For lock core selection and a complete overview of the *SOUTHCO*® Key-Choice System see page 158

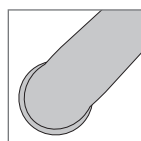
For adjustable grip versions see page 134

## Part Number Selection

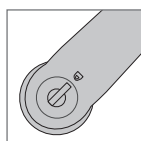
Order latch and cam separately



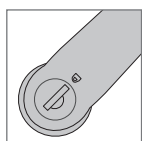
## L Lock Style



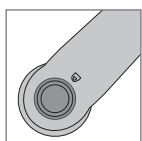
Non-locking



Key-locking  
Key code CH751



Key-locking  
Key code R001



Key-locking  
(order lock core separately)

Latch Part Number  
(no cam)

**E5 - 9 - L F - UU1 - 1 K**

## L Lock style

- 70 Non-locking (omit last two digits of part number)
  - 71 Keyed CH751 (lock core finish matches handle finish)
  - 72 Keyed R001 (stainless steel scalp shuttered)
  - 73 Without lock core (omit last two digits of part number)
- Order lock core separately, see page 158

## F Finish

- 2 Bright chrome
- 5 Black powder coated

## K Key options

- 0 No keys supplied (order separately, see page 130)
- 3 1 Overmolded key supplied

Cam Part Number Table (order separately from latch)

| Grip     | Part Number | Grip     | Part Number | Grip      | Part Number | Grip      | Part Number |
|----------|-------------|----------|-------------|-----------|-------------|-----------|-------------|
| 4 (.16)  | E5-6003     | 14 (.55) | E5-6008     | 24 (.94)  | E5-6013     | 34 (1.34) | E5-6018     |
| 6 (.24)  | E5-6004     | 16 (.63) | E5-6009     | 26 (1.02) | E5-6014     | 36 (1.42) | E5-6019     |
| 8 (.31)  | E5-6005     | 18 (.71) | E5-6010     | 28 (1.10) | E5-6015     | 38 (1.50) | E5-6020     |
| 10 (.39) | E5-6006     | 20 (.79) | E5-6011     | 30 (1.18) | E5-6016     | 40 (1.57) | E5-6021     |
| 12 (.47) | E5-6007     | 22 (.87) | E5-6012     | 32 (1.25) | E5-6017     | 42 (1.65) | E5-6022     |

If grip falls between two choices, use the smaller option

Dimensions in millimeters (inch) unless otherwise stated



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# E5 Cam Latch

Zinc · T-handle · Hand operated · Fixed grip



125

- Single hole install
- Multiple key codes

## Material and Finish

Zinc alloy, powder coated or chrome plated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Installation Notes

Mounting nut:

Maximum tightening torque:

10 N·m (88 in·lbf)

Screw:

Maximum tightening torque:

10 N·m (90 in·lbf)

## Keys

See page 130

## Notes

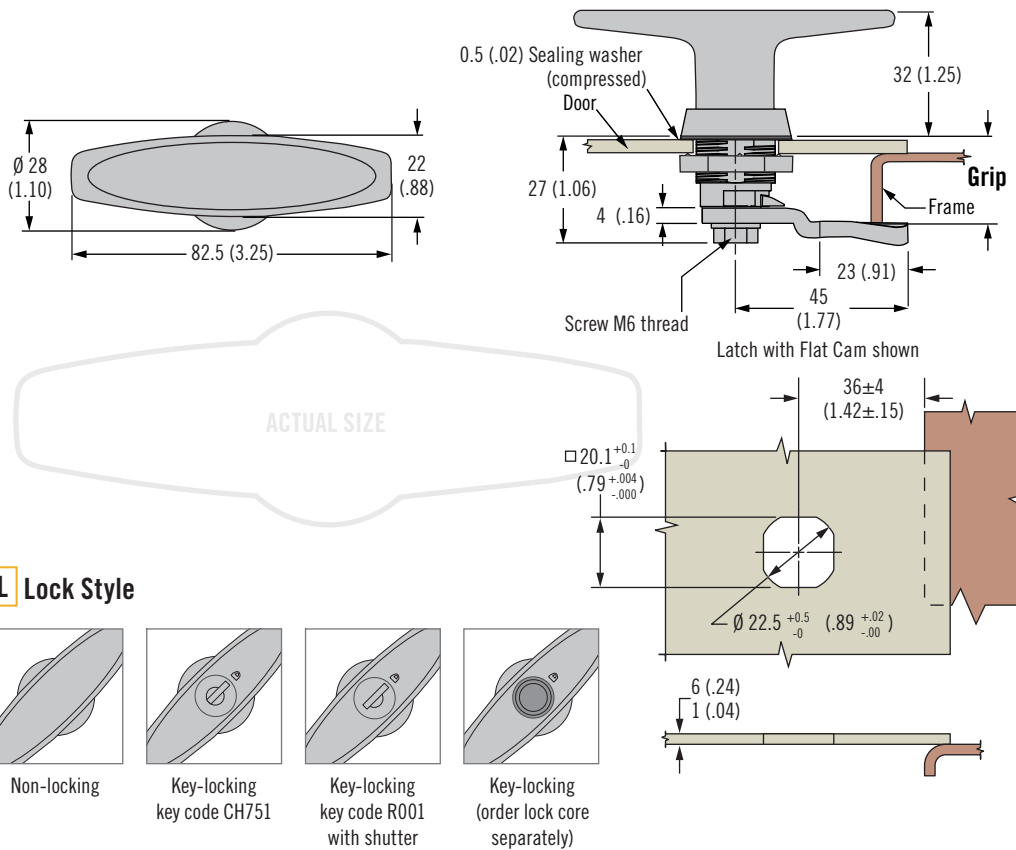
Suitable for push-to-close action see page 128

For adjustable grip versions see page 134

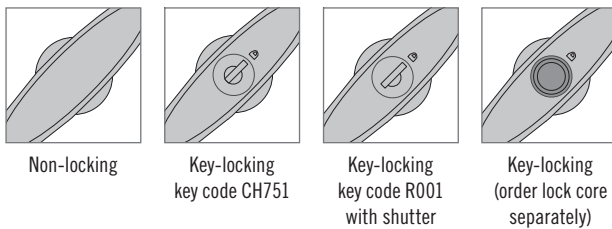
For lock core selection and a complete overview of the *SOUTHCO*® Key-Choice System see page 158

## Part Number Selection

Order latch and cam separately



## L Lock Style



Latch Part Number  
(no cam)

**E5 - 9 - L F - UU1 - 1 K**

## L Lock style

- 60 Non-locking (omit last two digits of part number)
- 61 Keyed CH751 (lock core finish matches handle finish)
- 62 Keyed R001 (stainless steel scalp shuttered)
- 63 Without lock core (omit last two digits of part number)  
Order lock core separately, see page 158

## F Finish

- 2 Bright chrome
- 5 Black powder coated

## K Key options

- 0 No keys supplied (order separately, see page 130)
- 3 1 Overmolded key supplied

Cam Part Number Table (order separately from latch)

| Grip     | Part Number | Grip     | Part Number | Grip      | Part Number | Grip      | Part Number |
|----------|-------------|----------|-------------|-----------|-------------|-----------|-------------|
| 4 (.16)  | E5-6003     | 14 (.55) | E5-6008     | 24 (.94)  | E5-6013     | 34 (1.34) | E5-6018     |
| 6 (.24)  | E5-6004     | 16 (.63) | E5-6009     | 26 (1.02) | E5-6014     | 36 (1.42) | E5-6019     |
| 8 (.31)  | E5-6005     | 18 (.71) | E5-6010     | 28 (1.10) | E5-6015     | 38 (1.50) | E5-6020     |
| 10 (.39) | E5-6006     | 20 (.79) | E5-6011     | 30 (1.18) | E5-6016     | 40 (1.57) | E5-6021     |
| 12 (.47) | E5-6007     | 22 (.87) | E5-6012     | 32 (1.25) | E5-6017     | 42 (1.65) | E5-6022     |



# E5 Cam Latch

Zinc · Wing style · Fixed grip

- Single hole install
- Multiple key codes
- Easy finger grip

## Material and Finish

Wing: Zinc alloy, black powder coated and steel, zinc plated

## Performance Details

Maximum static load: 330 N (74 lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

## Installation Notes

Mounting nut maximum tightening torque: 10 N·m (88 in·lbf)

Screw Maximum tightening torque: 5 N·m (45 in·lbf)

## Keys

See page 130

## Notes

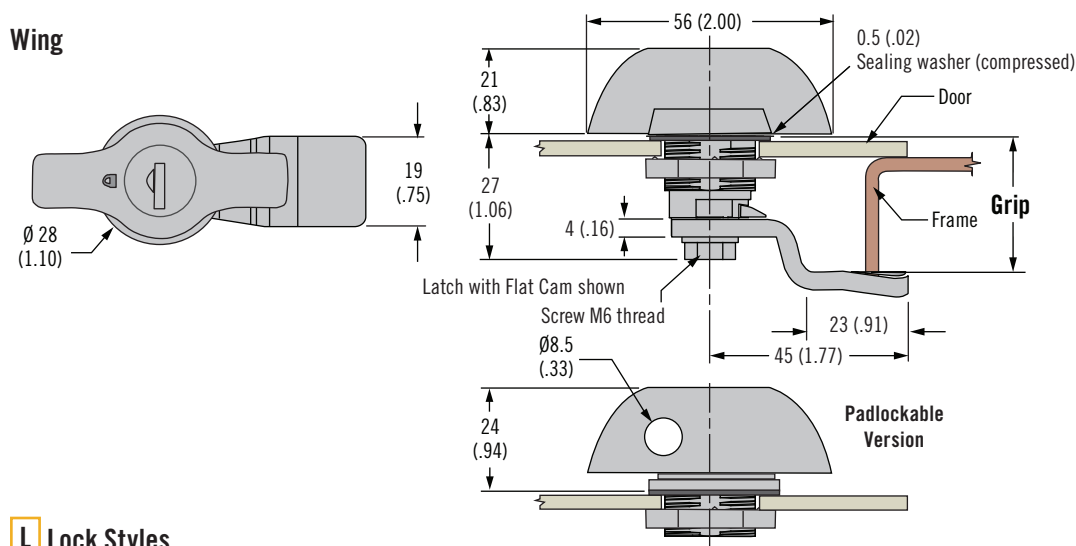
Wing style suitable for push-to-close action see page 128

For lock core selection and a complete overview of the *SOUTHCO*® Key-Choice System see page 158

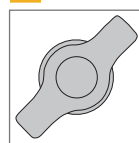
## Part Number Selection

Order latch and cam separately

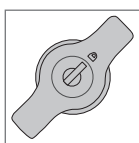
## Wing



## Lock Styles



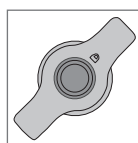
Non-locking



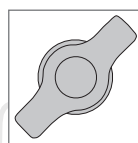
Key-locking  
key code CH751



Key-locking  
key code R001  
with shutter



Key-locking  
lock core  
(order separately)



Padlockable

ACTUAL SIZE

## Latch Part Number (no cam)

**E5 - 9 - L 5 - UU1 - 1 K**

## Key options

- 0 No keys supplied (order separately, see page 130)
- 3 1 Overmolded key supplied

## Lock style

- 30 Non-locking (omit last two digits of part number)
- 31 Key-locking black lock core keyed alike CH751
- 32 Key-locking stainless steel scalp and shuttered lock core keyed alike R001
- 33 Without lock core (omit last two digits of part number) Order lock core separately, see page 158
- 51 Padlockable, Type A clockwise to latch (omit last two digits in part number)
- 52 Padlockable, Type B counter-clockwise to latch (omit last two digits in part number)

## Cam Part Number

**E5 - 6 L G**

## Lock style

- 0 Non-locking or Key-locking
- 1 Padlockable

## Grip

| Grip     | G  | Grip     | G  | Grip      | G  | Grip      | G  |
|----------|----|----------|----|-----------|----|-----------|----|
| 4 (.16)  | 03 | 14 (.55) | 08 | 24 (.94)  | 13 | 34 (1.34) | 18 |
| 6 (.24)  | 04 | 16 (.63) | 09 | 26 (1.02) | 14 | 36 (1.42) | 19 |
| 8 (.31)  | 05 | 18 (.71) | 10 | 28 (1.10) | 15 | 38 (1.50) | 20 |
| 10 (.39) | 06 | 20 (.79) | 11 | 30 (1.18) | 16 | 40 (1.57) | 21 |
| 12 (.47) | 07 | 22 (.87) | 12 | 32 (1.25) | 17 | 42 (1.65) | 22 |



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Dimensions in millimeters (inch) unless otherwise stated

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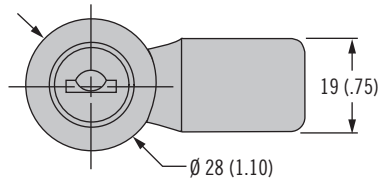
# E5 Cam Latch

## Zinc · Cylinder lock · Fixed grip

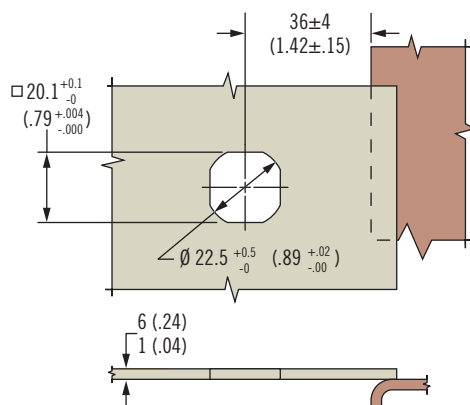
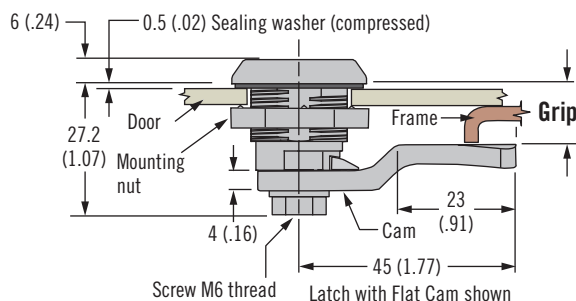


127

### Cylinder Lock



ACTUAL SIZE



### F Finish

- 2 Bright chrome
- 5 Black powder coated

Latch Part Number  
(no cam)

### K Key options CH751

- 0 No keys supplied (order separately, see page 130)
- 2 2 Flat keys supplied

E5 - 5 - 40 **F** - UU1 - 1 **K**

- Single hole install
- Latched / unlatched indicator

### Material and Finish

Zinc alloy, powder coated and steel, zinc plated  
Scalp stainless steel

### Performance Details

Maximum static load: 330 N (74 lbf)

### Installation Notes

Mounting nut maximum tightening torque: 10 N·m (88 in·lbf)

Screw Maximum tightening torque: 5 N·m (45 in·lbf)

### Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

### Keys and Accessories

See page 130

### Notes

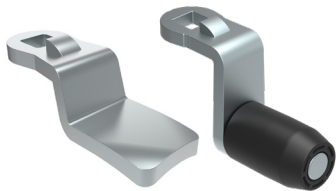
Suitable for push-to-close action  
see page 128.

See page 126 for cam part numbers

### Part Number Selection

See table

Order latch and cam separately

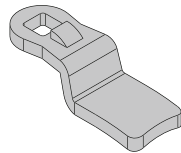


# E5 Cam Latch Cams

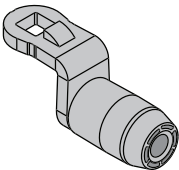
## Material and Finish

Flat cam: steel  
Roller cam: steel, nylon

## Cam Options



- Flat Cam**
- Stable frame engagement
  - Improved surface contact
  - Minimal frame surface prep



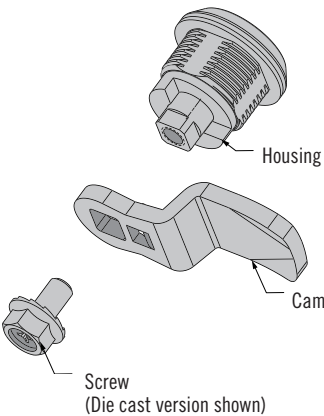
- Roller Cam**
- Reduce operating effort
  - Minimize scratching frame finish
  - Detented feel (with optional Keeper)



**Optional Keeper for Roller Cam**  
Part number E5-74-601-33

## Installation Notes

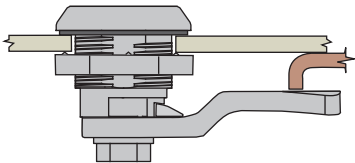
- Install cam to latch assembly. Properly orient for rotation and grip
- Install screw. Tighten to 5 N-m (44 in-lbf) MAX



## Part Number Selection

See table for cam part number  
Order latch and cam separately  
For latch part number, see pages 119-119A

## Short Housing Table



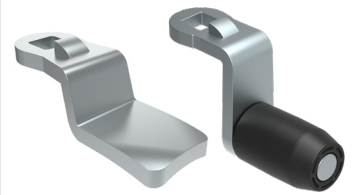
| Cam Part Number Table (order separately from latch) |                            |                              |                            |                            |                              |                            |                            |                              |                            |                            |                              |
|-----------------------------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|
| Grip<br>=2(.08)<br>-0(.00)                          | Flat Cam<br>Part<br>Number | Roller<br>Cam Part<br>Number | Grip<br>=2(.08)<br>-0(.00) | Flat Cam<br>Part<br>Number | Roller<br>Cam Part<br>Number | Grip<br>=2(.08)<br>-0(.00) | Flat Cam<br>Part<br>Number | Roller<br>Cam Part<br>Number | Grip<br>=2(.08)<br>-0(.00) | Flat Cam<br>Part<br>Number | Roller<br>Cam Part<br>Number |
| 4 (.16)                                             | E5-6003                    | -                            | 14 (.55)                   | E5-6008                    | -                            | 24 (.94)                   | E5-6013                    | E5-7013                      | 34 (1.34)                  | E5-6018                    | E5-7018                      |
| 6 (.24)                                             | E5-6004                    | -                            | 16 (.63)                   | E5-6009                    | E5-7009                      | 26 (1.02)                  | E5-6014                    | E5-6014                      | 36 (1.42)                  | E5-6019                    | E5-7019                      |
| 8 (.31)                                             | E5-6005                    | -                            | 18 (.71)                   | E5-6010                    | E5-7010                      | 28 (1.10)                  | E5-6015                    | E5-7015                      | 38 (1.50)                  | E5-6020                    | E5-7020                      |
| 10 (.39)                                            | E5-6006                    | -                            | 20 (.79)                   | E5-6011                    | E5-7011                      | 30 (1.18)                  | E5-6016                    | E507016                      | 40 (1.57)                  | E5-6021                    | E5-7021                      |
| 12 (.47)                                            | E5-6007                    | -                            | 22 (.87)                   | E5-6012                    | E5-7012                      | 32 (1.25)                  | E5-6017                    | E5-7017                      | 42 (1.65)                  | E5-6022                    | E5-7022                      |

If grip falls between two choices, use the smaller options

Dimensions in millimeters (inch) unless otherwise stated

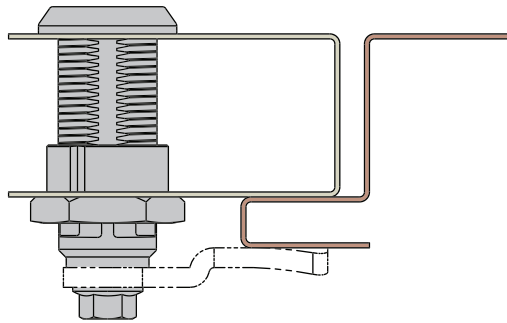


# E5 Cam Latch Cams



127B

## Long Housing Table



## Material and Finish

Flat cam: steel

Roller cam: steel, nylon

## Part Number Selection

See table for cam part number

Order latch and cam separately

For latch part number, see pages 119-119A

E5 - 6A - H F - UU D

| D | Door Thickness    | Grip Range        |
|---|-------------------|-------------------|
| 1 | 1-18 (.04-.71)    | 5-53 (.20-2.09)   |
| 2 | 1-18 (.04-.71)    | 54-82 (2.13-3.23) |
| 3 | 18-33 (.71-1.30)  | 18-66 (.71-2.60)  |
| 4 | 18-33 (.71-1.30)  | 68-82 (2.60-3.23) |
| 5 | 33-51 (1.30-2.00) | 34-82 (1.34-3.23) |

| Cam Part Number Table (order separately from latch) |                              |                               |                                 |                              |                               |                                 |                              |                               |                                 |                              |                               |                                 |                              |                               |                                 |
|-----------------------------------------------------|------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------|---------------------------------|
| D                                                   | Grip<br>+2 (.08)<br>-0 (.00) | Flat<br>Cam<br>Part<br>Number | Roller<br>Cam<br>Part<br>Number | Grip<br>+2 (.08)<br>-0 (.00) | Flat<br>Cam<br>Part<br>Number | Roller<br>Cam<br>Part<br>Number | Grip<br>+2 (.08)<br>-0 (.00) | Flat<br>Cam<br>Part<br>Number | Roller<br>Cam<br>Part<br>Number | Grip<br>+2 (.08)<br>-0 (.00) | Flat<br>Cam<br>Part<br>Number | Roller<br>Cam<br>Part<br>Number | Grip<br>+2 (.08)<br>-0 (.00) | Flat<br>Cam<br>Part<br>Number | Roller<br>Cam<br>Part<br>Number |
| 1                                                   | 5 (.2)                       | E5-6028                       | -                               | 15 (.59)                     | E5-6023                       | -                               | 25 (.98)                     | E5-6005                       | -                               | 35 (1.38)                    | E5-6010                       | E5-7010                         | 45 (1.77)                    | E5-6015                       | E5-7015                         |
|                                                     | 7 (.28)                      | E5-6027                       | -                               | 17 (.67)                     | E5-6001                       | -                               | 27 (1.06)                    | E5-6006                       | -                               | 37 (1.46)                    | E5-6011                       | E5-7011                         | 47 (1.85)                    | E5-6016                       | E5-7016                         |
|                                                     | 9 (.35)                      | E5-6026                       | -                               | 19 (.75)                     | E5-6002                       | -                               | 29 (1.14)                    | E5-6007                       | -                               | 39 (1.54)                    | E5-6012                       | E5-7012                         | 49 (1.93)                    | E5-6017                       | E5-7017                         |
|                                                     | 11 (.43)                     | E5-6025                       | -                               | 21 (.83)                     | E5-6003                       | -                               | 31 (1.22)                    | E5-6008                       | -                               | 41 (1.61)                    | E5-6013                       | E5-7013                         | 51 (2.01)                    | E5-6018                       | E5-7018                         |
|                                                     | 13 (.51)                     | E5-6024                       | -                               | 23 (.91)                     | E5-6004                       | -                               | 33 (1.3)                     | E5-6009                       | E5-7009                         | 43 (1.69)                    | E5-6014                       | E5-7014                         | 53 (3.07)                    | E5-6019                       | E5-7019                         |
| 2                                                   | 54 (2.13)                    | E5-6108                       | -                               | 60 (2.36)                    | E5-6111                       | E5-7111                         | 66 (2.6)                     | E5-6114                       | E5-7114                         | 72 (2.83)                    | E5-6117                       | E5-7117                         | 78 (3.07)                    | E5-6120                       | E5-7120                         |
|                                                     | 56 (2.2)                     | E5-6109                       | E5-7109                         | 62 (2.44)                    | E5-6112                       | E5-7112                         | 68 (2.68)                    | E5-6115                       | E5-7115                         | 74 (2.91)                    | E5-6118                       | E5-7118                         | 80 (3.15)                    | E5-6121                       | E5-7121                         |
|                                                     | 58 (2.28)                    | E5-6110                       | E5-7110                         | 64 (2.52)                    | E5-6113                       | E5-7113                         | 70 (2.76)                    | E5-6116                       | E5-7116                         | 76 (2.99)                    | E5-6119                       | E5-7119                         | 82 (3.23)                    | E5-6122                       | E5-7122                         |
| 3                                                   | 18 (.71)                     | E5-6128                       | E5-7118                         | 28 (1.1)                     | E5-6123                       | E5-7113                         | 38 (1.5)                     | E5-6105                       | -                               | 48 (1.89)                    | E5-6110                       | E5-7110                         | 58 (2.28)                    | E5-6115                       | E5-7115                         |
|                                                     | 20 (.79)                     | E5-6127                       | E5-7117                         | 30 (1.18)                    | E5-6101                       | E5-7112                         | 40 (1.57)                    | E5-6106                       | -                               | 50 (1.97)                    | E5-6111                       | E5-7111                         | 60 (2.36)                    | E5-6116                       | E5-7116                         |
|                                                     | 22 (.87)                     | E5-6126                       | E5-7116                         | 32 (1.26)                    | E5-6102                       | E5-7111                         | 42 (1.65)                    | E5-6107                       | -                               | 52 (2.05)                    | E5-6112                       | E5-7112                         | 62 (2.44)                    | E5-6117                       | E5-7117                         |
|                                                     | 24 (.94)                     | E5-6125                       | E5-7115                         | 34 (1.34)                    | E5-6103                       | E5-7110                         | 44 (1.73)                    | E5-6108                       | -                               | 54 (2.13)                    | E5-6113                       | E5-7113                         | 64 (2.52)                    | E5-6118                       | E5-7118                         |
|                                                     | 26 (1.02)                    | E5-6124                       | E5-7114                         | 36 (1.42)                    | E5-6104                       | E5-7109                         | 46 (1.81)                    | E5-6109                       | E5-7109                         | 56 (2.2)                     | E5-6114                       | E5-7114                         | 66 (2.6)                     | E5-6119                       | E5-7119                         |
| 4                                                   | 66 (2.6)                     | E5-6114                       | E5-7114                         | 70 (2.76)                    | E5-6116                       | E5-7116                         | 74 (2.91)                    | E5-6118                       | E5-7118                         | 78 (3.07)                    | E5-6120                       | E5-7120                         | 82 (3.23)                    | E5-6122                       | E5-7122                         |
|                                                     | 68 (2.68)                    | E5-6115                       | E5-7115                         | 72 (2.83)                    | E5-6117                       | E5-7117                         | 76 (2.99)                    | E5-6119                       | E5-7119                         | 80 (3.15)                    | E5-6121                       | E5-7121                         | -                            | -                             | -                               |
| 5                                                   | 34 (1.34)                    | E5-6125                       | E5-7115                         | 44 (1.73)                    | E5-6103                       | E5-7110                         | 54 (2.13)                    | E5-6108                       | -                               | 64 (2.52)                    | E5-6113                       | E5-7113                         | 74 (2.91)                    | E5-6118                       | E5-7118                         |
|                                                     | 36 (1.42)                    | E5-6124                       | E5-7114                         | 46 (1.81)                    | E5-6104                       | E5-7109                         | 56 (2.2)                     | E5-6109                       | E5-7109                         | 66 (2.6)                     | E5-6114                       | E5-7114                         | 76 (2.99)                    | E5-6119                       | E5-7119                         |
|                                                     | 38 (1.5)                     | E5-6123                       | E5-7113                         | 48 (1.89)                    | E5-6105                       | -                               | 58 (2.28)                    | E5-6110                       | E5-7110                         | 68 (2.68)                    | E5-6115                       | E5-7115                         | 78 (3.07)                    | E5-6120                       | E5-7120                         |
|                                                     | 40 (1.57)                    | E5-6101                       | E5-7112                         | 50 (1.97)                    | E5-6106                       | -                               | 60 (2.36)                    | E5-6111                       | E5-7111                         | 70 (2.76)                    | E5-6116                       | E5-7116                         | 80 (3.15)                    | E5-6121                       | E5-7121                         |
|                                                     | 42 (1.65)                    | E5-6102                       | E5-7111                         | 52 (2.05)                    | E5-6107                       | -                               | 62 (2.44)                    | E5-6112                       | E5-7112                         | 72 (2.83)                    | E5-6117                       | E5-7117                         | 82 (3.23)                    | E5-6122                       | E5-7122                         |

If grip falls between two choices, use the smaller options



## E5 Cam Latch

Zinc · Push-to-close · Hand, key or tool operated · Single and two point

- Single hole installation
- Latched / unlatched indicator
- Push-to-close action

### Material and Finish

Zinc alloy, powder coated and steel, zinc plated

### Performance Details

Maximum static load: 330 N (74 lbf)

### Installation Notes

Mounting nut maximum tightening torque: 10 N·m (88 in-lbf)

Screw Maximum tightening torque: 5 N·m (45 in-lbf) for two point actuator only

### Keys and Accessories

See page 130

### Notes

Single Point: Push-to-close action in unlocked position only and key inserted (cylinder lock)

Two Point: Order actuator separately (see page 131)

For lock core selection and a complete overview of the **SOUTHCO®** Key-Choice System see page 158

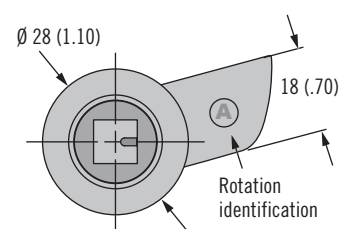
### Actuator Part Number

See page 131 for details

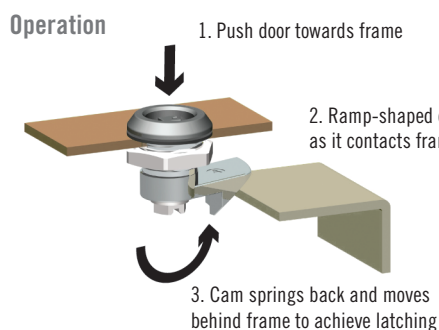
Two point to be used with **SOUTHCO®** R4 rotary series latches and cables see page 272

Two point push to close action: Internal spring causes return of driver and actuator to original latched position when driver is released after opening. Ideal for use with cables and rotary latches.

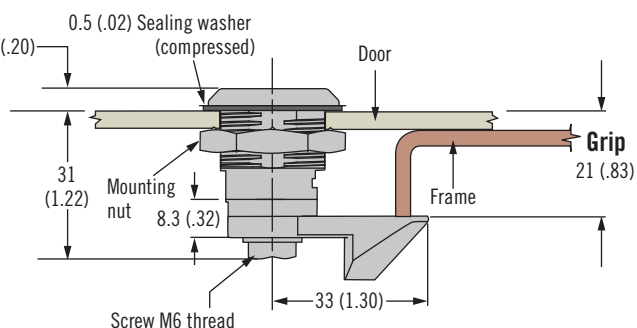
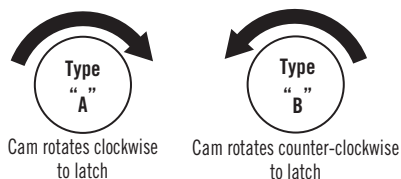
### Single Point Spring-Loaded (Type A tool operated shown)



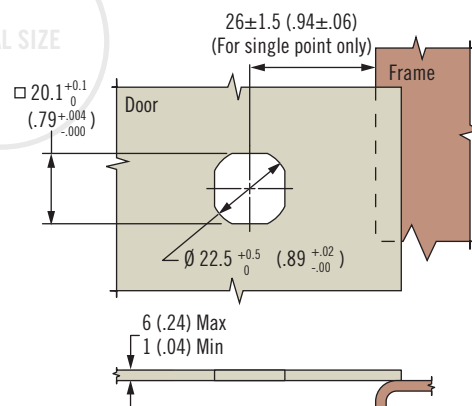
#### Operation



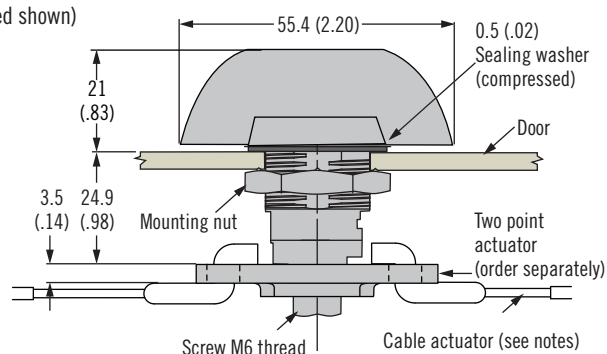
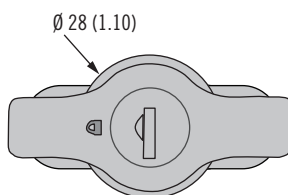
#### R Rotation



ACTUAL SIZE

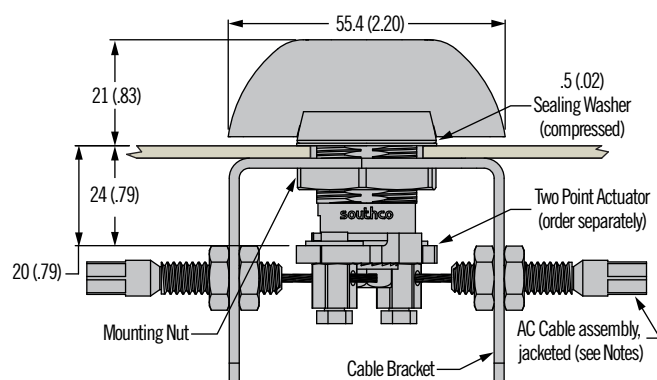


### Two Point Spring-Loaded (Type A hand operated shown)



### Two Point Actuator for bare cable

(order separately, see page 132)



## Hand / Key Operated

### F Finish

- 2 Bright chrome (not available for wing type)
- 5 Black powder coated

### T Type

- 5 Cylinder lock keyed alike CH751
- 9 Wing / T-handle / L-handle

### R Rotation

- 51 Type A single point (for visual identification cam stamped A or B)
- 52 Type B single point (for visual identification cam stamped A or B)
- TR Type A two point (order actuator separately)
- TL Type B two point (order actuator separately)

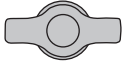
## Part Number Selection

Latch supplied fully assembled

E5 - T - L F - R 0 - 1 K

### K Key options

- 0 No keys supplied (order separately, see page 130)
- 3 1 Overmolded key supplied

| Lock style                                                                                      | T = 5                                                                             | T = 9                                                                             |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                 |  |  |  |  |
|                                                                                                 | Cylinder Lock                                                                     | Wing                                                                              | T-handle                                                                            | L-handle                                                                            |
| Non-locking (omit last two digits of part number)                                               | ~                                                                                 | 30                                                                                | 60                                                                                  | 70                                                                                  |
| Keyed CH751 (lock core finish matches handle finish)                                            | ~                                                                                 | 31                                                                                | 61                                                                                  | 71                                                                                  |
| Keyed CH751 (stainless steel scalp shuttered)                                                   | 40                                                                                | ~                                                                                 | ~                                                                                   | ~                                                                                   |
| Keyed R001 reversible (stainless steel scalp shuttered)                                         | ~                                                                                 | 32                                                                                | 62                                                                                  | 72                                                                                  |
| Without lock core (omit last two digits of part number) (to be ordered separately see page 158) | ~                                                                                 | 33                                                                                | 63                                                                                  | 73                                                                                  |

## Tool Operated

### H Head Styles



Slotted



8 (.32)  
Hex recess



7 (.28)  
Triangle



8 (.32)  
Triangle



7 (.28)  
Square



8 (.32)  
Square



3 (.11)  
Double bit



5 (.19)  
Double bit



8 (.32)  
Square  
recess



Bellcore  
216



Bellcore  
electronics



Recessed slot  
(tamper  
resistant)



Railway  
standard

### F Finish

- 2 Bright chrome
- 5 Black powder coated

E5 - 6 - H F - R 0

### H Head style

- 00 Slotted
- 01 8 (.32) Hex recess
- 02 7 (.28) Triangle
- 03 8 (.32) Triangle
- 04 7 (.28) Square
- 05 8 (.32) Square
- 06 3 (.11) Double bit
- 07 5 (.19) Double bit
- 08 8 (.32) Square recess
- 13 Bellcore 216
- 19 Bellcore electronics
- 21 Recessed slot (tamper resistant)
- 22 Railway standard

### R Rotation

- 51 Type A single point (for visual identification, cam stamped A or B)
- 52 Type B single point (for visual identification, cam stamped A or B)
- TR Type A two point (order actuator separately)
- TL Type B two point (order actuator separately)

## Part Number Selection

Latch supplied fully assembled



# E5 Cam Latch

Zinc · Tool or hand operated · Fixed grip · Mini size

- Single hole install
- Compact size
- Minimal panel intrusion

## Material and Finish

Zinc alloy, powder coated and steel, zinc plated

## Performance Details

Maximum static load: 130 N (29 lbf)

## Installation Notes

Mounting nut maximum tightening torque: 5 N·m (45 in-lbf)

Screw Maximum tightening torque: 1 N·m (9 in-lbf)

## Sealing Notes

NEMA 4 / IP65 achieved using gasket supplied

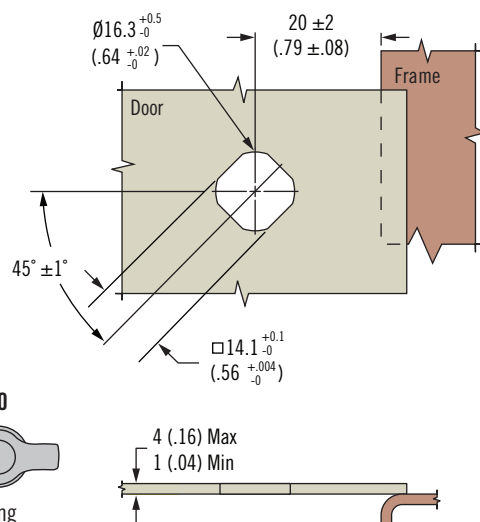
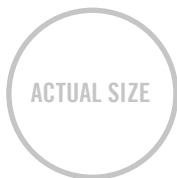
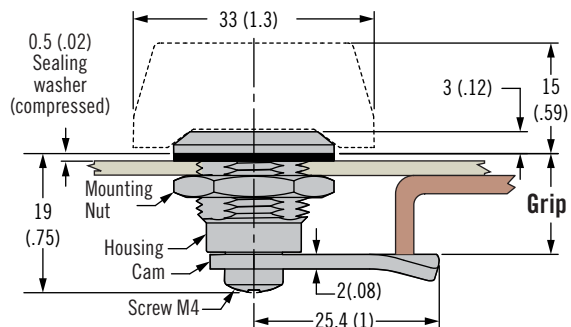
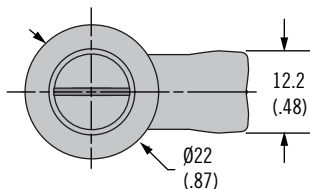
## Key part numbers

6mm (.24) Triangle  
E3-19-3  
6mm (.24) Square  
E3-20-3

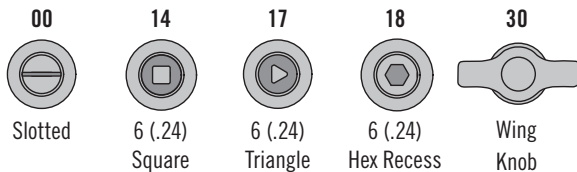


## Part Number Selection

Order latch and cam separately



### H Head style



### Latch Part Number (no cam)

E5 - M - H F - UU1

- F Finish**
- 2 Bright chrome
  - 5 Black powder coated

- H Head style**
- 00 Slotted
  - 14 Square 6mm
  - 17 Triangle 6mm
  - 18 Hex Recess 6mm
  - 30 Wing Knob

### Cam Part Number Table (order separately from latch)

| Grip     | Part Number | Grip      | Part Number |
|----------|-------------|-----------|-------------|
| 4 (.16)  | E5-3005     | 16 (.63)  | E5-3011     |
| 6 (.24)  | E5-3006     | 18 (.71)  | E5-3012     |
| 8 (.31)  | E5-3007     | 20 (.79)  | E5-3013     |
| 10 (.39) | E5-3008     | 22 (.87)  | E5-3014     |
| 12 (.47) | E5-3009     | 24 (.94)  | E5-3015     |
| 14 (.55) | E5-3010     | 26 (1.02) | E5-3016     |



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Dimensions in millimeters (inch) unless otherwise stated

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## E5 Cam Latch Accessories

### Keys and Flush Mount Bracket

#### Material and Finish

Tool key: Zinc alloy or nylon

Overmolded key: Nickel plated and  
ABS plastic black

Flat key: Nickel plated

#### Overmolded Keys



#### Flat Keys Key CH751



#### Part Number

Overmolded key CH751:

Single: PK-10-10-05

Pair: PK-10-01-05

Overmolded key R001:

Single: PK-10-10-05-KR001

Pair: PK-10-01-05-KR001

Flat key

Pair: PK-10-01

#### Material and Finish

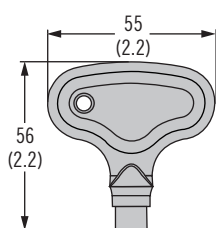
Stainless steel or galvanized steel  
with rubber o-ring

#### Notes

For use with tool operated standard  
series cam latches, see pages 118-  
119, 121, 127

See page 91 for door preparation  
dimensions

#### Keys Zinc or Nylon



E3 - H - F

#### F Finish

- 1 Plated zinc
- 2 Natural zinc
- 3 Nylon, black

#### H Head style

- |    |                       |    |                      |
|----|-----------------------|----|----------------------|
| 2  | 3 (.11) Double bit    | 3  | 7 (.28) Triangle     |
| 4  | 7 (.28) Square        | 7  | 8 (.32) Triangle     |
| 8  | 8 (.32) Square recess | 9  | 5 (.19) Double bit   |
| 10 | 8 (.32) Square male   | 11 | Bellcore electronics |
| 12 | Bellcore 216          |    |                      |

#### Flush Cup

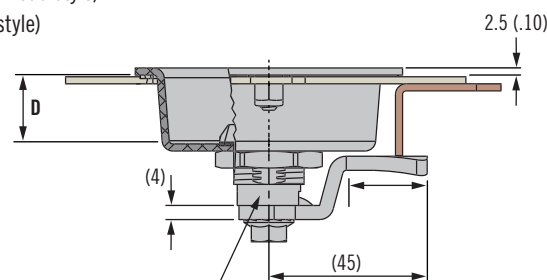
#### D Depth

- 1 19mm (for wingknob head style)
- 2 4mm (for tool head style)

E5 - 2 M - 60 D - 5

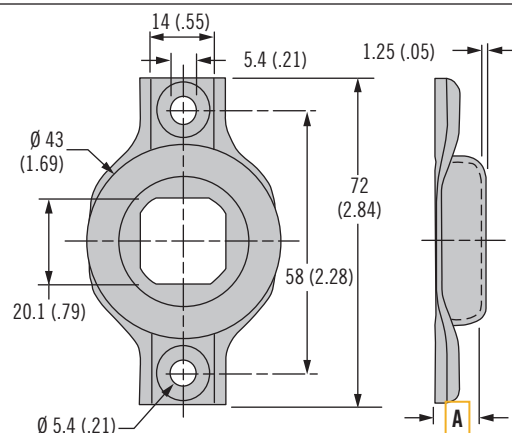
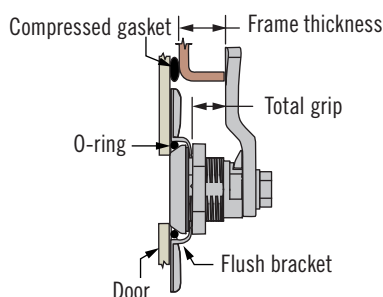
#### M Mounting Style

- 0 M5 Studs
- 1 Through hole



To calculate total grip, add cup depth (D) to latch grip

#### Flush Mount Bracket



| A   | Part Number | Material            |
|-----|-------------|---------------------|
| 6.6 | E5-77-1-12  | Galvanized steel    |
| 6.6 | E5-77-1-24  | 304 Stainless steel |

To calculate the **Total Grip**, use the following formula: **Frame Thickness + Compressed Gasket - A**.  
Use this **Total Grip** with the appropriate E5 tables in the *SOUTHCO® Handbook* to determine cam type.

Dimensions in millimeters (inch) unless otherwise stated



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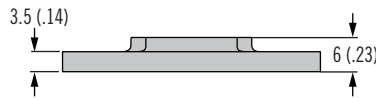
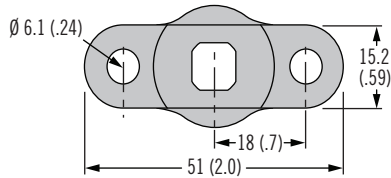
# E5 Cam Latch Accessories

## Multi-point actuators · Dummy cam



131

### Multi-Point Actuator



#### Part Number

A5-91-201-11

### Material and Finish

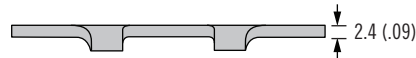
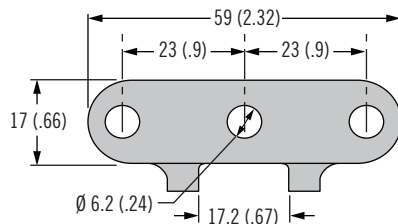
Zinc alloy

### Notes

Actuator plate (for multi-point see page 272 for cable assembly)  
(Not recommended for Cylinder Lock version)

Not to be used with low profile E5

### Multi-Point Actuator - Low Profile



#### Part Number

A8-4-01-03

### Material and Finish

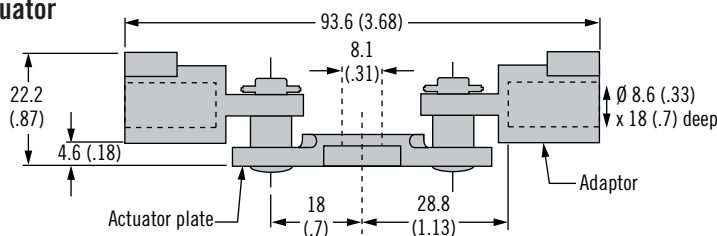
Steel, plated

### Notes

Actuator plate (for multi-point see pages 198-199 for rods)

For use with all E5 latches

### Multi-Point Actuator



#### Part Number

A5-90-101-11

### Material and Finish

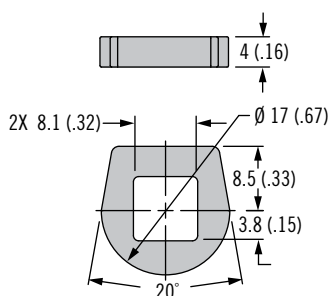
Zinc alloy and steel, zinc plated

### Notes

Actuator plate (for multi-point see page 198 for rods)

Not to be used with low profile E5

### Dummy Cam



#### Part Number

Steel H3-0-45688

Stainless Steel H3-0-45688-24

### Material and Finish

Steel, stainless steel

### Notes

Replaces cam when used with actuator plate A5-90-101-11 in order to create a 2-point latching system



## E5 Cam Latch Accessories

Hooked cam · Multi-point actuator · Cable brackets

### Material and Finish

Steel plated

Hook cam: Steel, plated

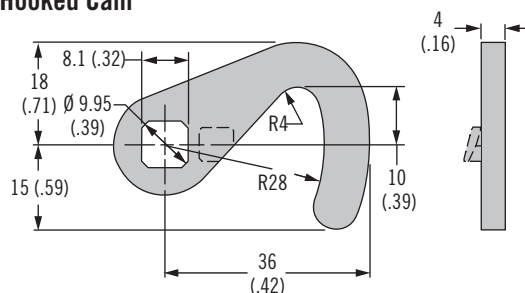
Multi-point actuator: Zinc alloy, plated

Cable bracket: Steel, plated

### Notes

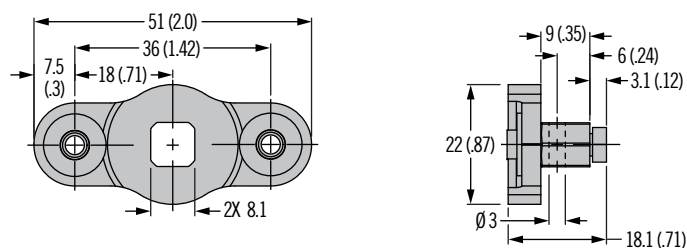
Not to be used with low profile E5

### Hooked Cam



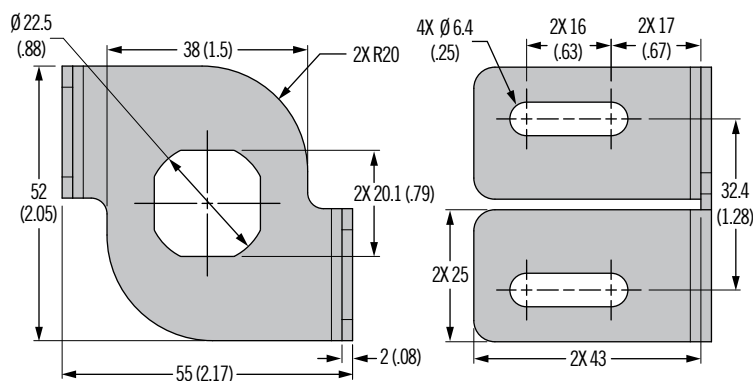
| Hooked Cam Part Number |                                     |
|------------------------|-------------------------------------|
| E5-6200                | No stop                             |
| E5-6210                | Stop for clockwise rotation         |
| E5-6220                | Stop for counter-clockwise rotation |

### Multi-Point Actuator



| Part Number |
|-------------|
| A5-99-136   |

### Cable Bracket – Counter Clockwise Rotation



| Part Number     |
|-----------------|
| AC-0-49617-11-L |

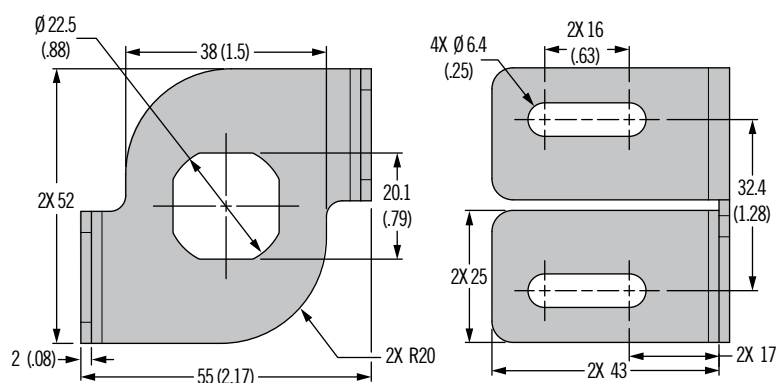
### Part Number

See table

### Notes

See page 272 for additional cable assembly selections

### Cable Bracket – Clockwise Rotation



| Part Number     |
|-----------------|
| AC-0-49617-11-R |

Dimensions in millimeters (inch) unless otherwise stated



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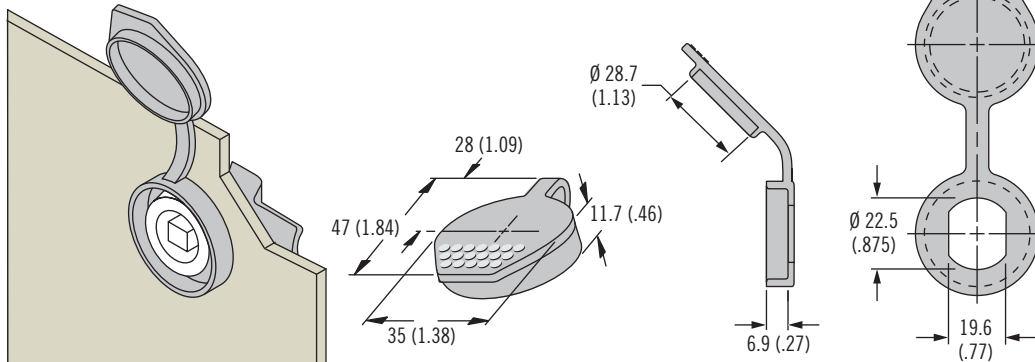
# E5 Cam Latch Accessories

Sealing cover · Sealing washer · Pull tab · Padlock bracket

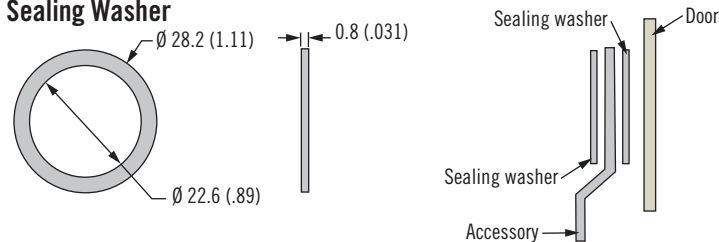


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## Sealing Cover

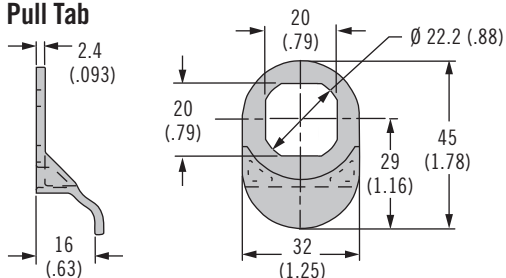


## Sealing Washer

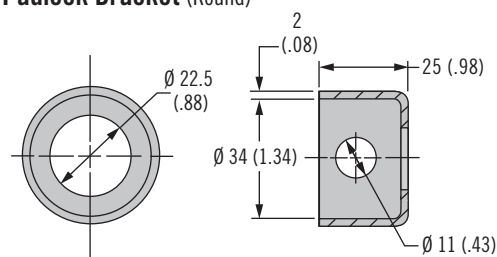


| Type           | Part Number | Grip Adjustment Formula                            |
|----------------|-------------|----------------------------------------------------|
| Sealing washer | E5-17       | Add 0.4 (0.02) compressed height to door thickness |
| Sealing cover  | 90-3        | Add 2.3 (.090) to door thickness                   |

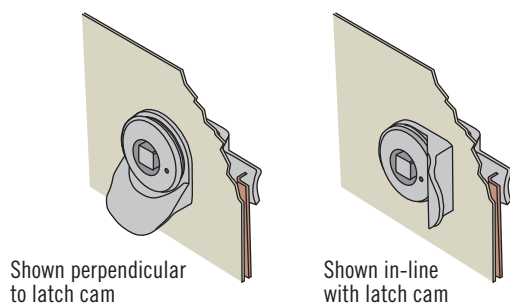
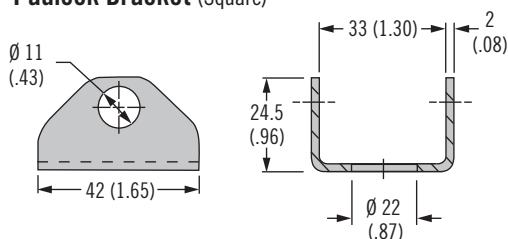
## Pull Tab



## Padlock Bracket (Round)



## Padlock Bracket (Square)



| Type                   | Part Number  | Grip Adjustment Formula          |
|------------------------|--------------|----------------------------------|
| Padlock bracket square | E3-77-101-31 | Add 2 (.08) to door thickness    |
| Padlock bracket round  | E3-77-102-31 | Add 2 (.08) to door thickness    |
| Pull tab               | E5-18        | Add 2.4 (.093) to door thickness |

## Material and Finish

Sealing washer: Neoprene natural

Sealing cover: Thermoplastic elastomer, black

## Installation Notes

To provide sealing: use two sealing washers and add compressed thickness of each washer and accessory thickness to your door thickness range.

## Notes

Sealing washer for use with all E5 products

Sealing cover for use with tool operated and cylinder lock E5 only

## Part Number

See table

## Material and Finish

Padlock bracket: Stainless steel, black powder coated

Pull tab: Nylon, black

## Installation Notes

To provide sealing: use two sealing washers and add compressed thickness of each washer and accessory thickness to your door thickness range.

## Notes

Padlock brackets and pull tabs for use with tool operated and cylinder lock E5 only

## Part Number

See table