



E5 Cam Latch

Stainless steel · Tool operated · Fixed grip

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CONNECT · CREATE · INNOVATE

- 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)

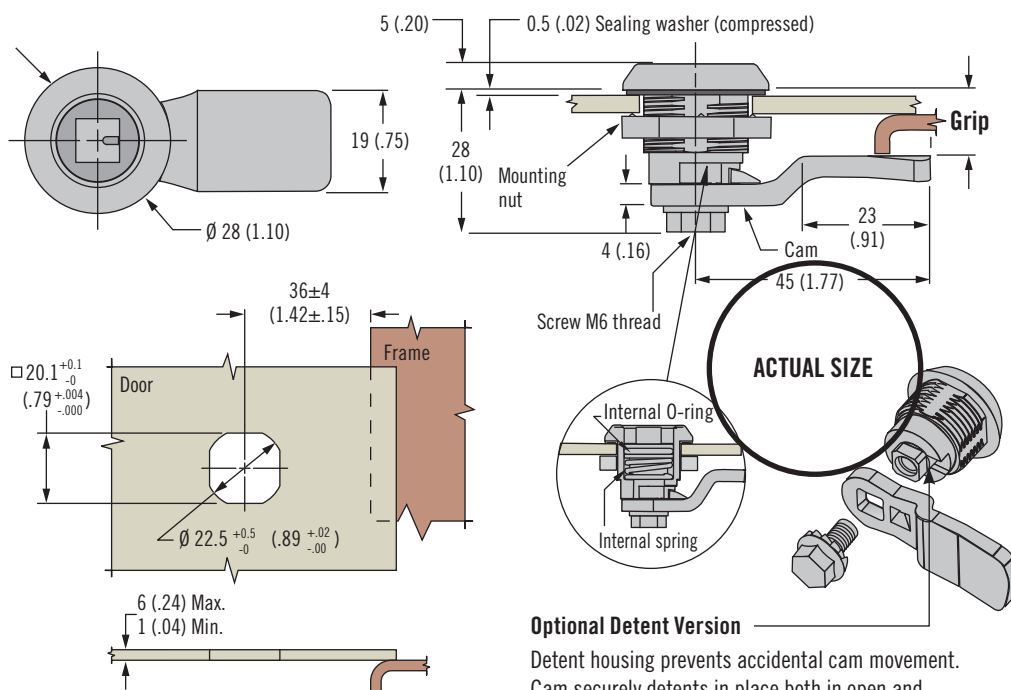
Keys and Accessories

See page 130

Part Number Selection

See table

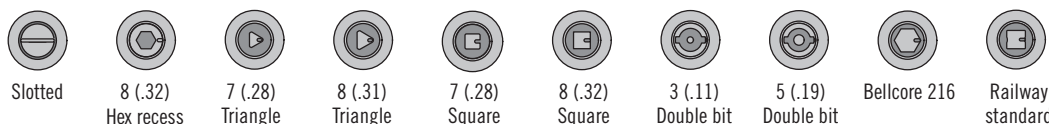
Order latch and cam separately



Optional Detent Version

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

H Head Styles



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

- 05 8 (.32) Square
- 06 3 (.11) Double bit
- 07 5 (.19) Double bit
- 13 Bellcore 216
- 22 Railway standard

M Material

- 24 304 Stainless steel
- 27 316 Stainless steel

Cam Part Number Table (order separately from latch)

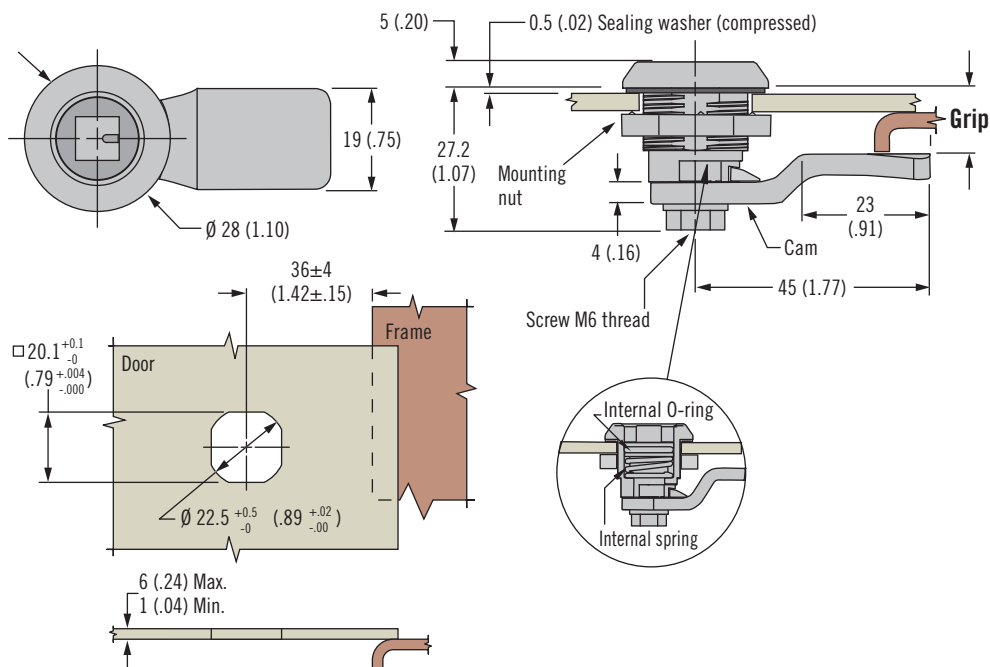
Grip +2(.08) - 0 (.00)	Part Number		Grip +2(.08) - 0 (.00)	Part Number		Grip +2(.08) - 0 (.00)	Part Number		Grip +2(.08) - 0 (.00)	Part Number	
	304 Stainless steel	316 Stainless steel		304 Stainless steel	316 Stainless steel		304 Stainless steel	316 Stainless steel		304 Stainless steel	316 Stainless 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

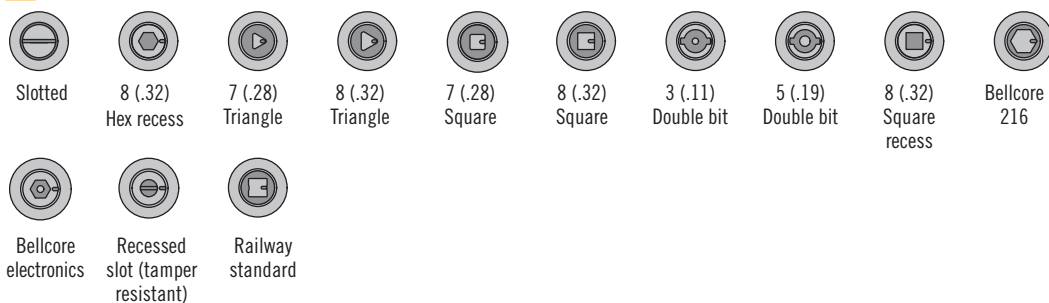
Zinc · Tool operated · Fixed grip



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H Head Styles



Latch Part Number (no cam)

E5 - 6 - H F - UU1

F Finish

- 2 Bright chrome
- 5 Black powder coated

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

Cam Part Number Table (order separately from latch)

Grip +2(.08) - 0 (.00)	Part Number	Grip +2(.08) - 0 (.00)	Part Number	Grip +2(.08) - 0 (.00)	Part Number	Grip +2(.08) - 0 (.00)	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 indicator

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



E5 Cam Latch Low Profile

Zinc · Tool or hand operated · Fixed grip

- Single hole install
- Latched / unlatched indicator
- Shipped fully assembled
- EN 45545-3 E60 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

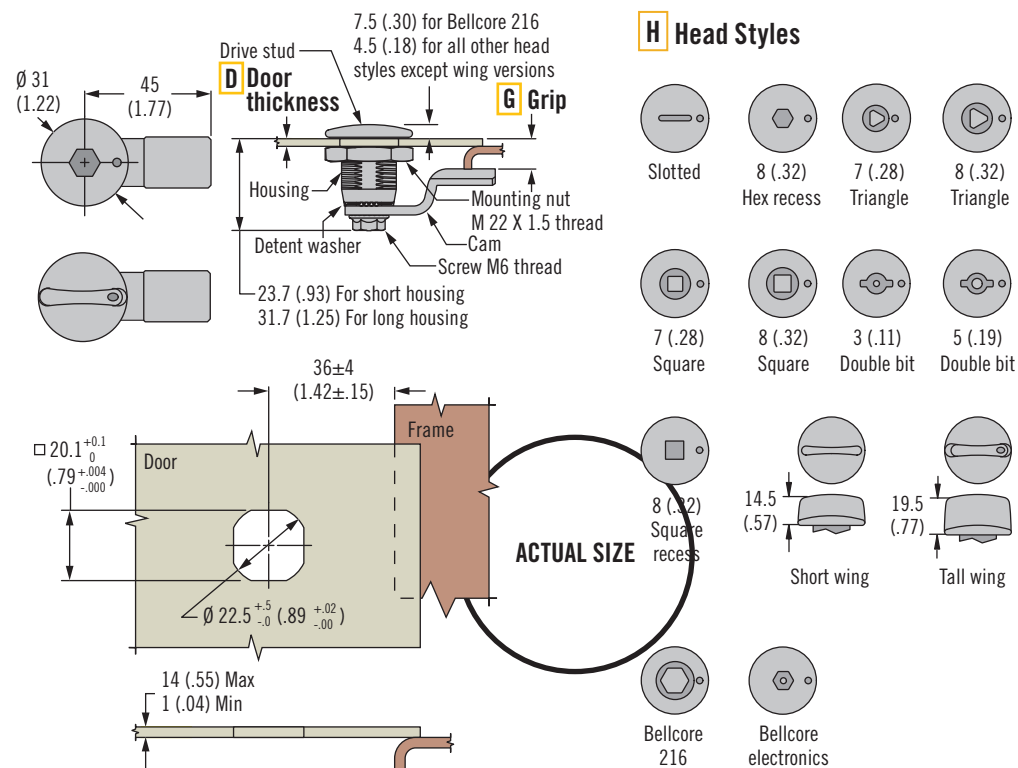
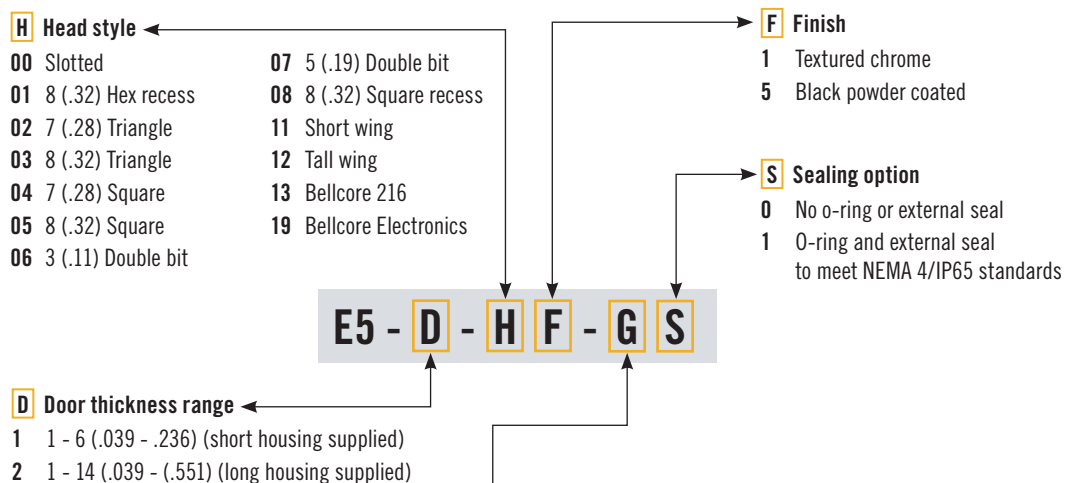
Part Number Selection

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

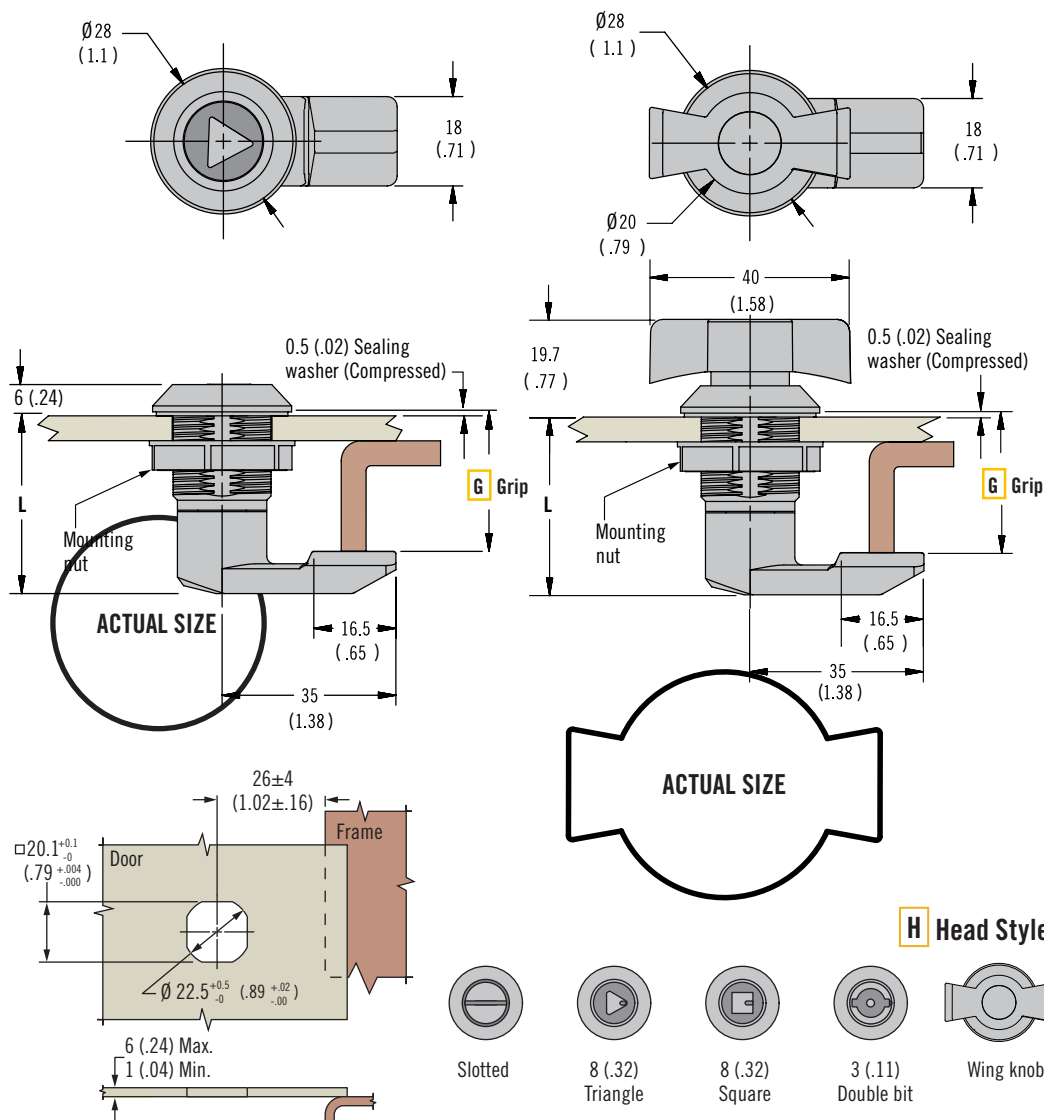
When sealing option is selected,
add 0.4 (.02) to grip calculation
to accommodate sealing washer



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)

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- 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	30 (1.18)	5 (.20)	24 (.94)	24	38 (1.50)	6 (.24)	30 (1.18)	30	44 (1.73)	6 (.24)
18 (.71)	18	32 (1.26)	5 (.20)	25 (.98)	25	39 (1.54)	6 (.24)	32 (1.26)	32	46 (1.81)	6 (.24)
20 (.79)	20	34 (1.34)	6 (.24)	26 (1.02)	26	40 (1.57)	6 (.24)	34 (1.34)	34	48 (1.89)	6 (.24)
22 (.87)	22	36 (1.42)	6 (.24)	28 (1.10)	28	42 (1.65)	6 (.24)	36 (1.42)	36	50 (1.97)	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

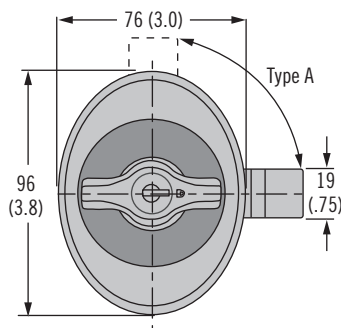
See page 130

Notes

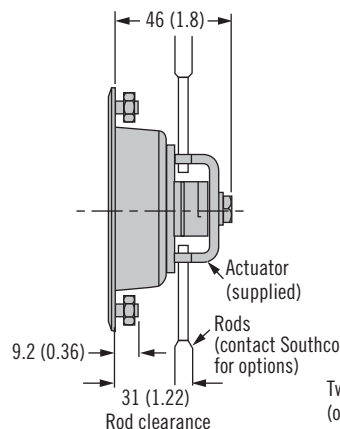
Two point push-to-close action: Internal spring causes return of wing knob and actuator to original latched position when wing knob is released after opening. Ideal for use with cables and rotary latches.

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

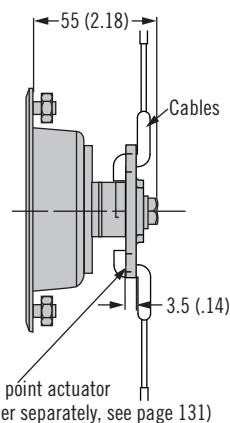
Single Point



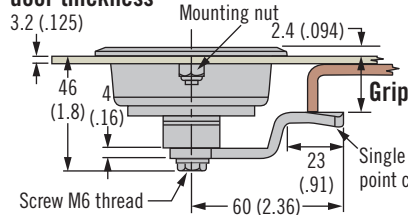
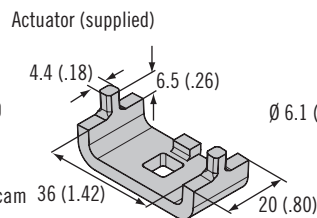
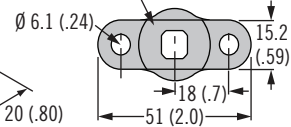
Two Point (for use with rods)



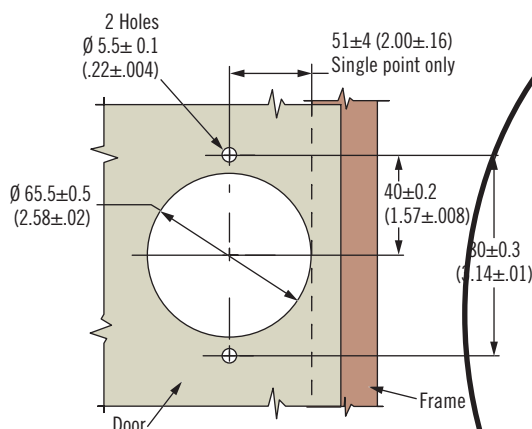
Two Point Push-to-Close Action (spring-loaded)



Maximum door thickness



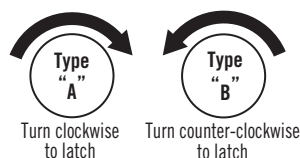
Type A (reverse frame for type B)



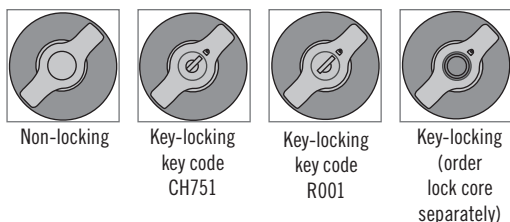
ACTUAL SIZE

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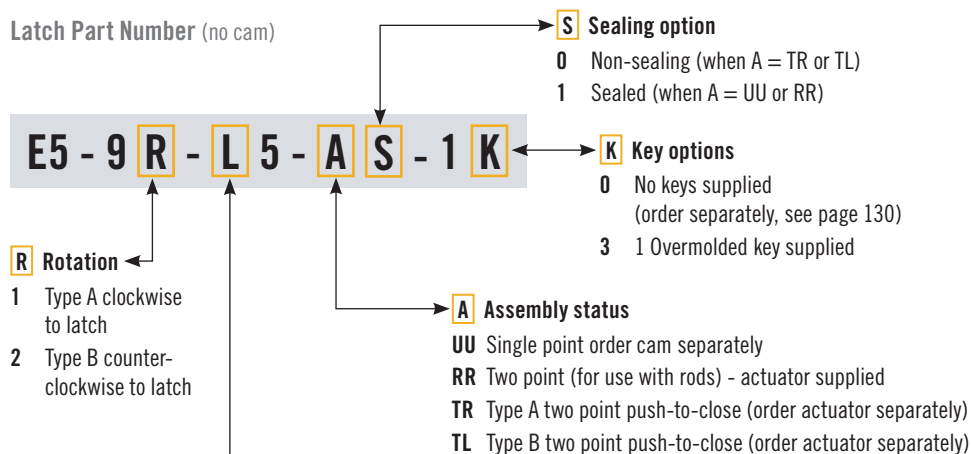
R Rotation



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

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.

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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

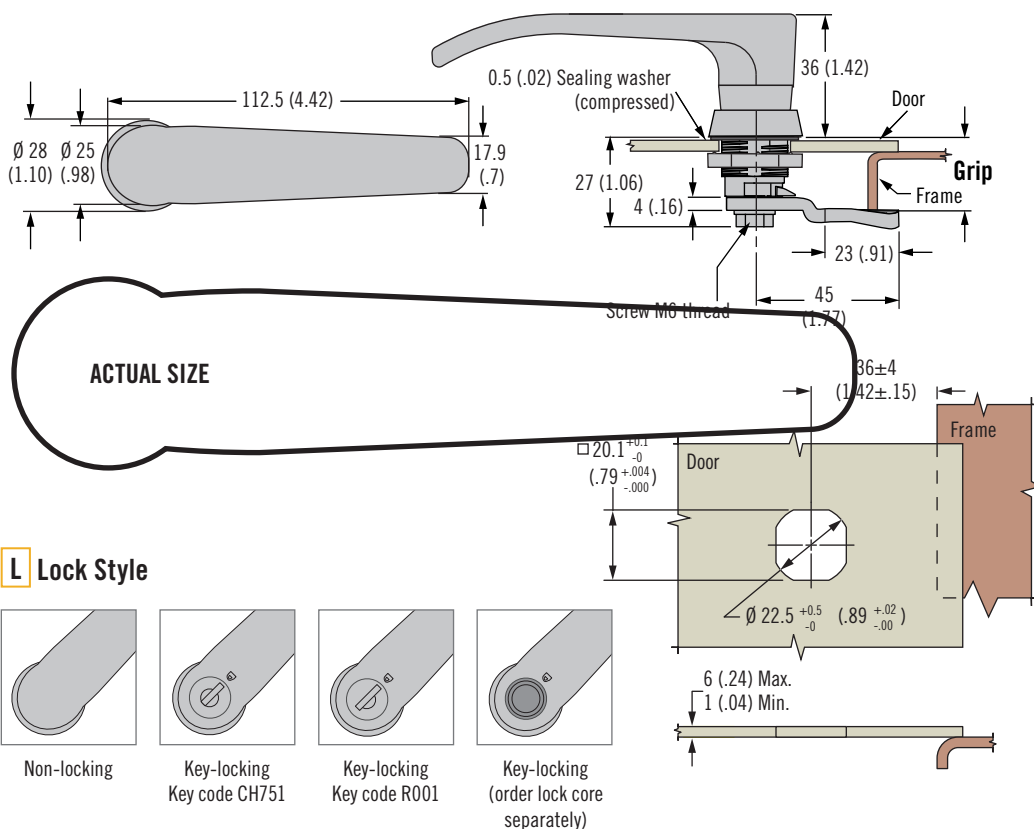
Suitable for push-to-close action see page 128

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

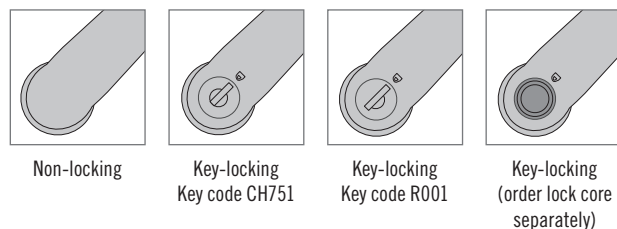
For adjustable grip versions see page 134

Part Number Selection

Order latch and cam separately



L Lock Style



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

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E5 Cam Latch

Zinc · T-handle · Hand operated · Fixed grip



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- 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

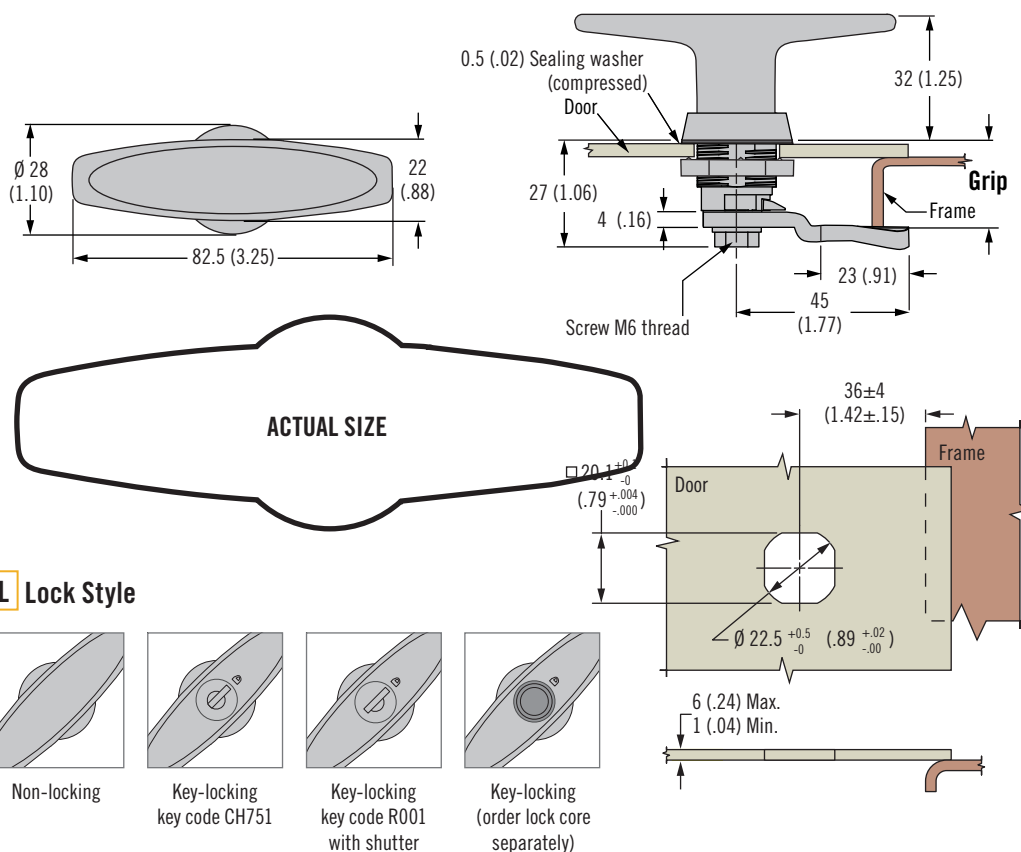
Suitable for push-to-close action
see page 128

For adjustable grip versions see
page 134

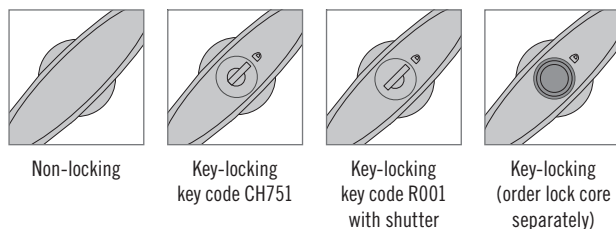
For lock core selection and a
complete overview of the *SOUTHCO*®
Key-Choice System see page 158

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 · Padlockable wing style · Fixed grip

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- Single hole install
- Multiple key codes

Material and Finish

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

Padlockable wing: Zinc alloy, chrome plated and steel, zinc plated

Performance Details

Maximum static load: 330 N (74 lbf)

Sealing Notes

Wing style sealed to meet NEMA 4 / IP65 standards

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

Cam part number see table page 127

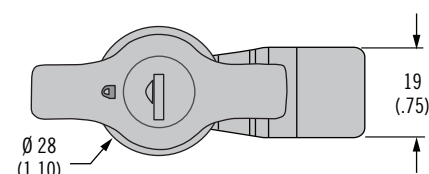
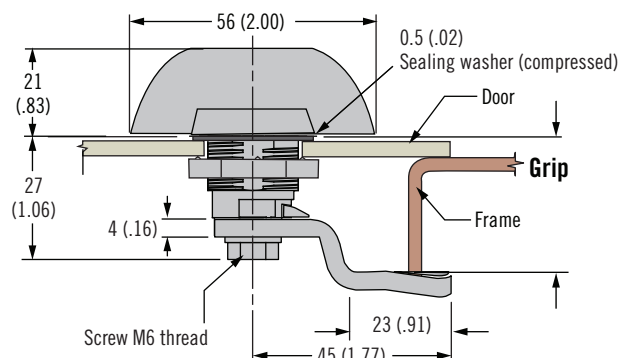
Part Number Selection

See table

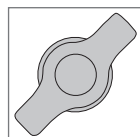
Order latch and cam separately

Cam part number see table page 127

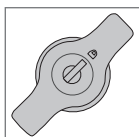
Wing



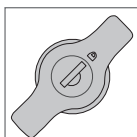
Lock Styles



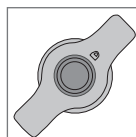
Non-locking



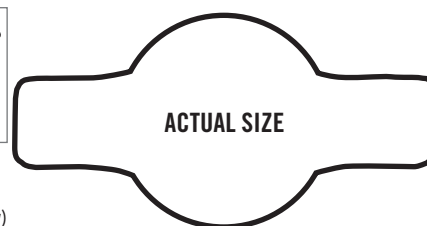
Key-locking
key code CH751



Key-locking
key code R001
with shutter



Key-locking
lock core
(order separately)



Latch Part Number (no cam)

E5 - 9 - L 5 - UU1 - 1 K

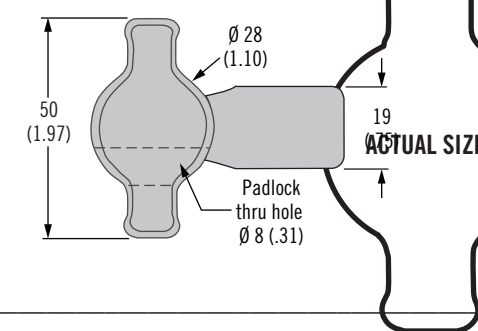
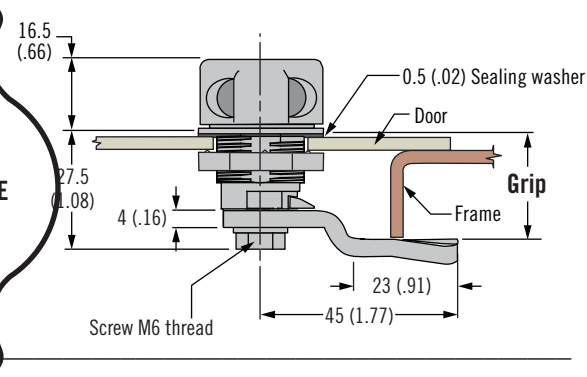
Key options

- 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

Padlockable Wing



Rotation

- 1 Type B counter-clockwise to latch
- 2 Type A clockwise to latch

Latch Part Number (no cam)

E5 - 31 - 5 R 2 - UU0

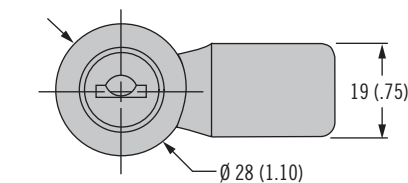
E5 Cam Latch

Zinc · Cylinder lock · Fixed grip

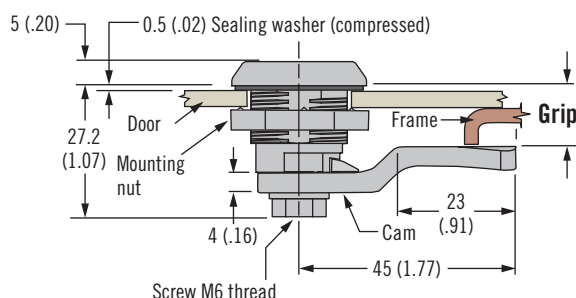
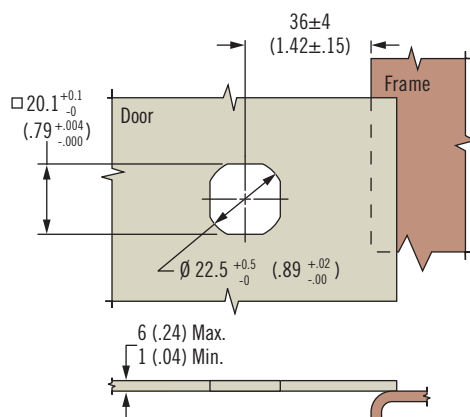


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Cylinder Lock



ACTUAL SIZE



F Finish

- 2 Bright chrome
- 5 Black powder coated

K Key options CH751

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

Latch Part Number
(no cam)

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

Part Number Selection

See table

Order latch and cam separately

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 · 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

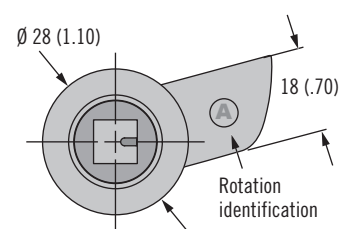
See page 131 for details

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.

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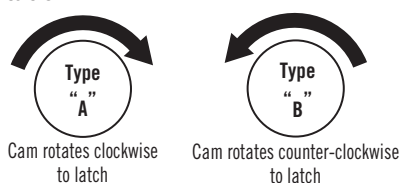
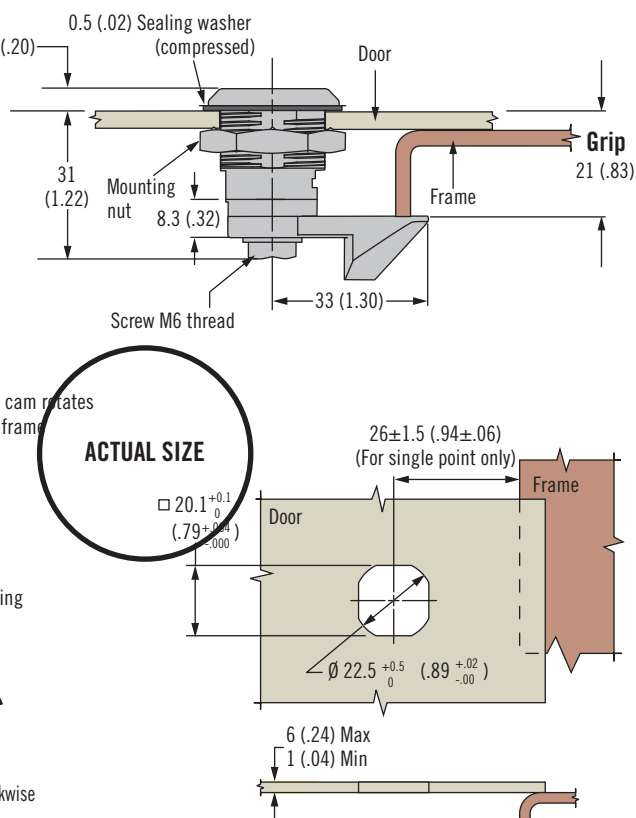
Single Point Spring-Loaded (Type A tool operated shown)



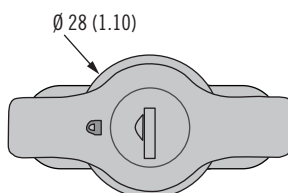
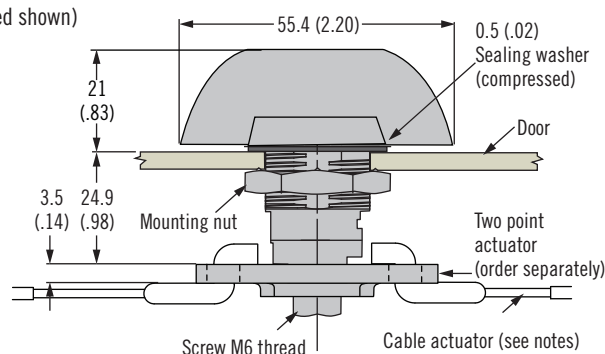
Operation

1. Push door towards frame
2. Ramp-shaped cam rotates as it contacts frame
3. Cam springs back and moves behind frame to achieve latching

R Rotation

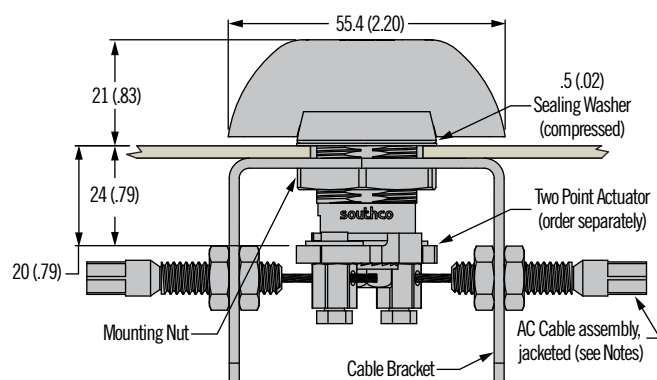


Two Point Spring-Loaded (Type A hand operated shown)



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)

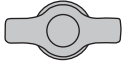
Part Number Selection

Latch supplied fully assembled

K Key options

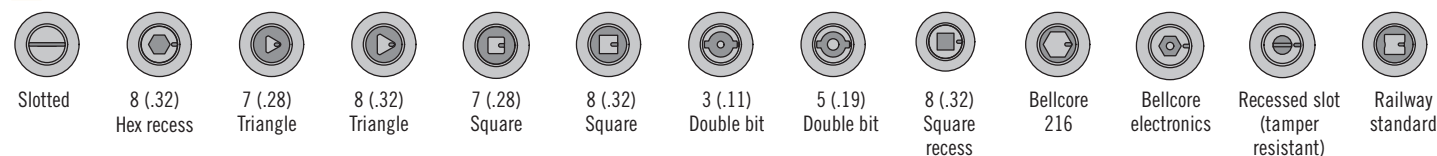
- 0 No keys supplied (order separately, see page 130)
- 3 1 Overmolded key supplied

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

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



F Finish

- 2 Bright chrome
- 5 Black powder coated

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 - 6 - H F - R 0