AC-10 Actuator

Large handle • Flush mount

- **Rear mount installation**
- **Flush mounting style**
- **Single, multi-point or direct pull actuation capability**
- **Multiple key code options**
- **Non-Locking option**

Material and Finish

Housing, handle, rotating linkage: glass-filled reinforced nylon, black

Threaded stud and cable bracket retainers: steel, zinc nickel

Housing and handle gaskets: adhesive backed foam, black

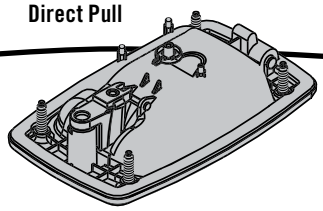
Installation Notes

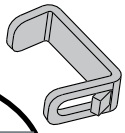
Mounting nut (M6 x 1) not supplied. Installation torque of mounting nuts not to exceed 7 N•m (62 in-lbf)

Notes

AC-10 can only use snub end coupling (Type 6 or 7 cable).

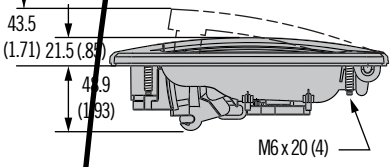
Direct Pull



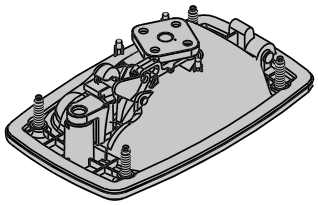


- Recommended to use with Trigger Pull

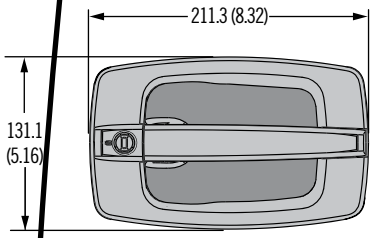
Part Number	
Trigger Pull	R4-0-51292



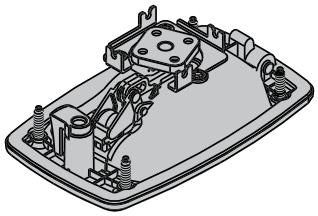
Multi-Point Without Cable Bracket



- Recommended to use with Rods

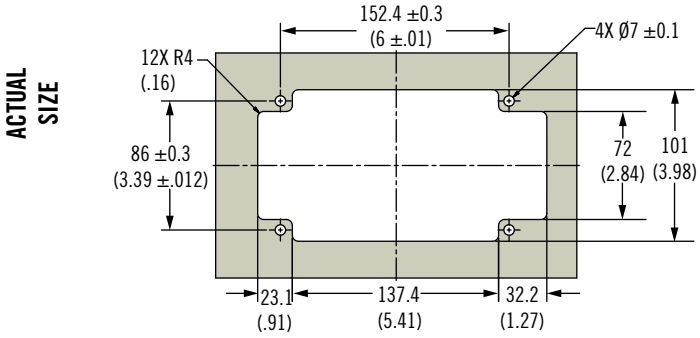


Multi-Point With Cable Bracket



- Recommended to use with Cables: see AC Cable drawing J-AC-C for cable selection.

Panel Preparation



Part Number Selection

Notes:

For use with Rods / Cables, recommended Snap-in Retainer for Rotator Plate: Southco Part Number R4-0-43922. See Trade Drawing J-R4-0-43922 for more details and options.

For lock core selection, detailed key information and a complete overview of the *SOUTHCO*® Key-Choice System see PK Lock Cores section.

For unique key code options, please contact customer service.

AC - 10 - S L 1 - 11 - KC

S Actuation Style
- **1** Single Point, Direct Pull
- **2** Multi-Point, without Cable Bracket
- **3** Multi-Point, with Cable Bracket

L Locking Options
- **0** Non-Locking
- **1** Reversible key (No keys - R001)
- **2** Reversible key (2 keys included - R001)
- **3** Reversible key (keyed differently - 2 keys included)
- **4** Standard key (No keys - CH751)
- **5** Standard key (2 keys included - CH751)
- **6** Standard key (keyed differently - 2 keys included)
- **9** No Lock Plug installed (See notes for more information)

KC Key Codes

(Omit for Locking Options 0, 1, 2, 4, 5 and 9)
- ***KD10** Keyed Differently (Only used if L =3 or 6)
- ***MK10** Master Keyed Differently (Only used if L =6)

*Supplied in multiples of 10 with 10 different key codes.

AC-15 Actuator

Large Handle • Surface Mount

- **Rear mount installation**
- **Surface mounting style**
- **Direct pull actuation**
- **Multiple key code options**
- **Non-locking option**

Material and Finish

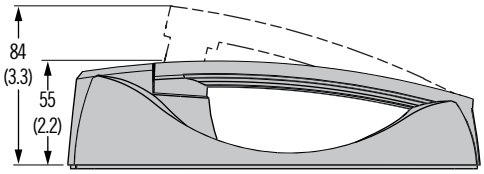
Housing, handle, linkage:
glass-filled reinforced nylon, black

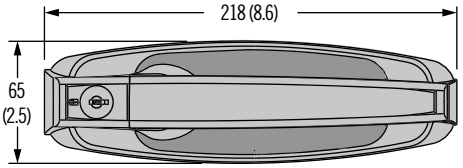
Threaded inserts: brass, natural

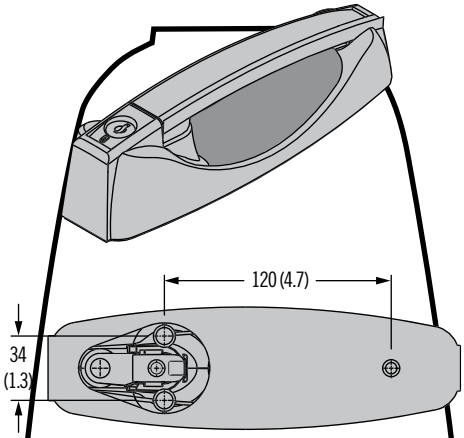
Housing and handle gaskets:
adhesive backed foam, black

Installation Notes

Mounting hardware (M6 x 1) not supplied. Recommended screw length=panel thickness + 10.0 (.39)
Installation torque of mounting nuts not to exceed 7 N•m (62 in-lbf)

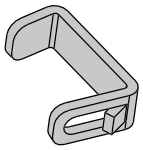






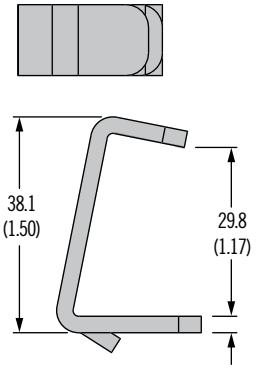
Trigger Pull

Actuator is recommended to use with Trigger Pull

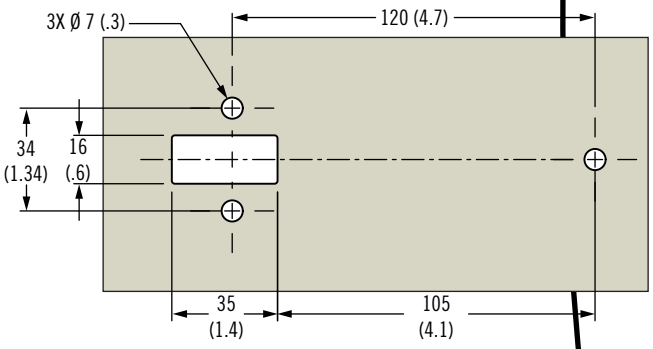


Part Number	
Trigger Pull	R4-0-51292

ACTUAL SIZE



Panel Preparation



Part Number Selection

AC - 15 - 1 L 1 - 11 - K C

L Locking Options

- **0** Non-Locking
- **1** Reversible key (No keys - R001)
- **2** Reversible key (2 keys included - R001)
- **3** Reversible key (keyed differently - 2 keys included)
- **4** Standard key (No keys - CH751)
- **5** Standard key (2 keys included - CH751)
- **6** Standard key (keyed differently - 2 keys included)
- **9** No Lock Plug installed (See notes for more information)

KC Key Codes

(Omit for Locking Options 0, 1, 2, 4, 5 and 9)
*__KD10__ Keyed Differently (Only used if L =3 or 6)
*__MK10__ Master Keyed Differently (Only used if L =6)

*Supplied in multiples of 10 with 10 different key codes.

Notes:

For lock core selection, detailed key information and a complete overview of the *SOUTHCO*® Key-Choice System see PK Lock Cores section.

For unique key code options, please contact Southco.

AC-30 Multi Point Actuator

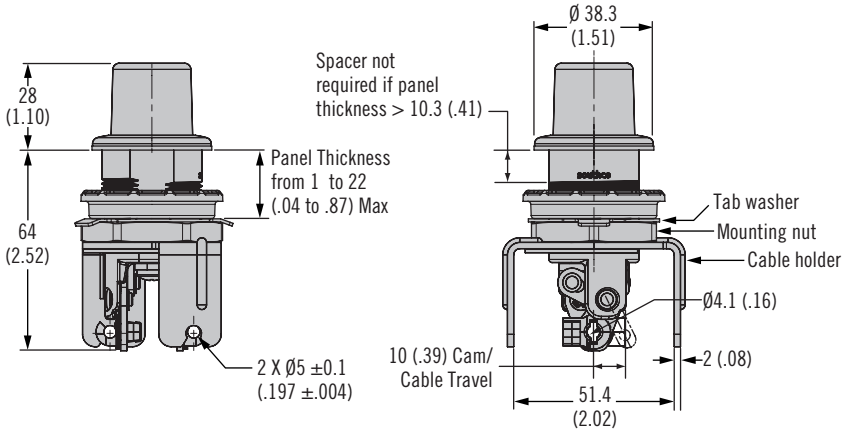
Push-Button

- **Single or multi-point actuation capability**
- **Accommodates wide panel thickness**
- **Multiple key code options**
- **Single hole install**

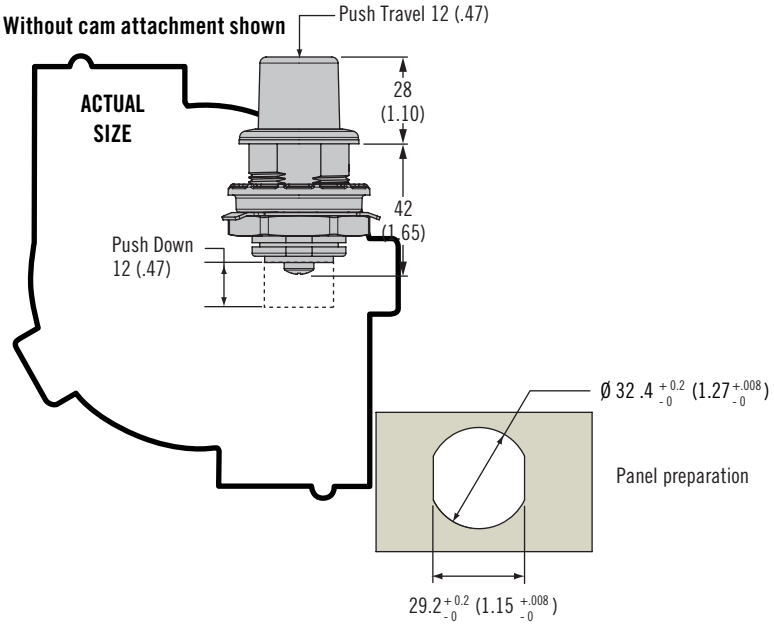
Material and Finish

Button: Nylon
Housing: Zinc or Stainless steel
Lock Plug: Zinc
Cam, Washer, Rivet:
Stainless steel, passivated

With cam attachment shown



Without cam attachment shown



Part Number Selection

E End Style
1 With Cam attached
3 Without Cam attachment

H Housing Material
1 Zinc alloy with black powder coat
3 Stainless steel with black powder coat

B Button Material
1 Nylon, black

AC - 30 - E L M - H B - KC

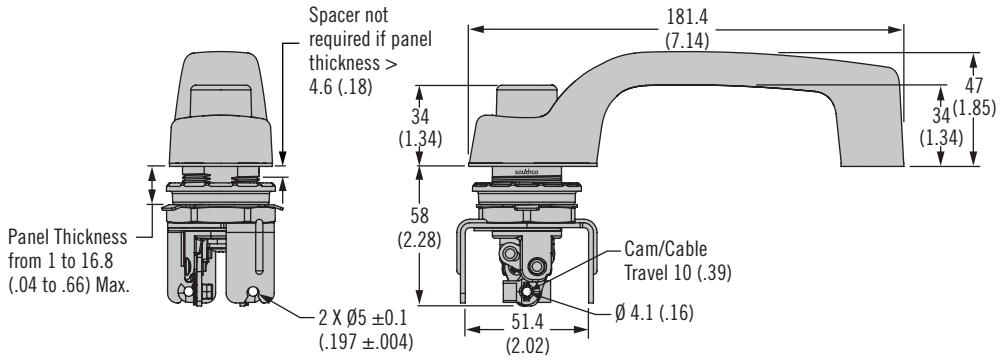
K Key Codes
(Omit for locking options 1,2,4 and 5)
KD10 Keyed differently (10 codes)
MK10 Master keyed, keyed differently

L Locking Option
1 Reversible key (No keys - R001)
2 Reversible key (2 keys included - R001)
3 Reversible key (Multiple key codes - 2 keys included)
4 Standard key (No keys - CH751)
5 Standard key (2 keys included - CH751)
6 Standard key (Multiple key codes - 2 keys included)

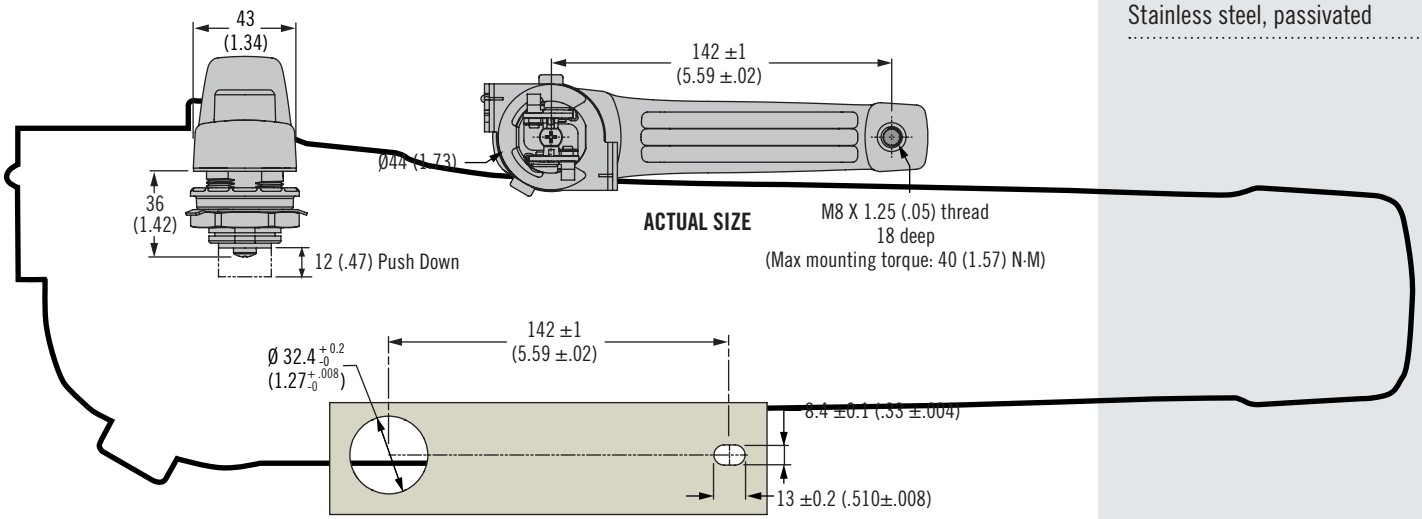
M Mounting Method
1 With spacer mounting (must have if glass panel)
2 Without spacer mounting

AC-40 Multi Point Actuator
Push-Button Handle

With cam attachment shown



Without cam attachment shown



- **Single or multi-point actuation capability**
- **Accommodates wide panel thickness**
- **Multiple key code options**
- **Easy Grip**

Material and Finish

Button: Nylon
Housing: Zinc Alloy or Stainless steel
Lock plug: Zinc Alloy
Cam, Washer, Rivet: Stainless steel, passivated

Part Number Selection

E End Style
1 With Cam attached
3 Without Cam attachment

H Handle Material
1 Black GF nylon with zinc housing insert
2 Black GF nylon with stainless steel housing insert

B Button Material
1 Nylon, black

AC - 40 - E L M - H B - KC

L Locking Option
1 Reversible key (No keys - R001)
2 Reversible key (2 keys included - R001)
3 Reversible key (Multiple key codes - 2 keys included)
4 Standard key (No keys - CH751)
5 Standard key (2 keys included - CH751)
6 Standard key (Multiple key codes - 2 keys included)

M Mounting Method
1 Cable parallel (or no cable), with spacer mounting (must have if glass panel)
2 Cable parallel (or no cable), without spacer mounting
3 Cable cross with spacer mounting (must have if glass panel)
4 Cable cross without spacer mounting

K Key Codes
(Omit for locking options 1,2,4 and 5)
KD10 Keyed differently (10 codes)
MK10 Master keyed, keyed differently

AC Single Point Actuator

T-handle

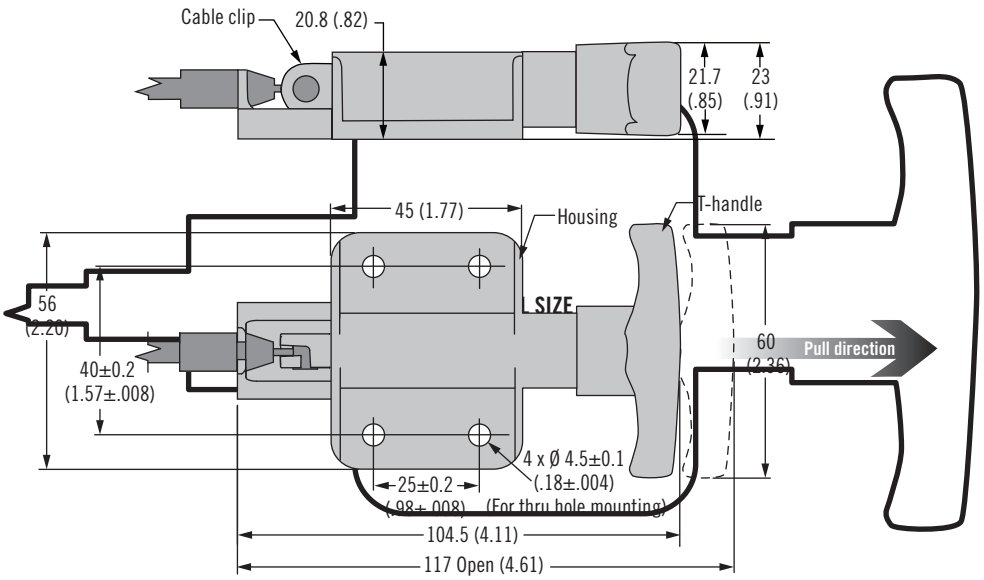
- **Surface mount installation**
- **Generous grip area**
- **Pull to activate**

Material and Finish

Housing: PC/ABS, black
T-handle and slide: Glass-filled nylon, black
Clip: Acetal, black
Spring: Stainless steel, passivated

Part Number

See table



Part Number
AC-60-101-11

INFO CLIC www.southco.com/AC

AC Single Point Actuator

Plastic paddle and housing

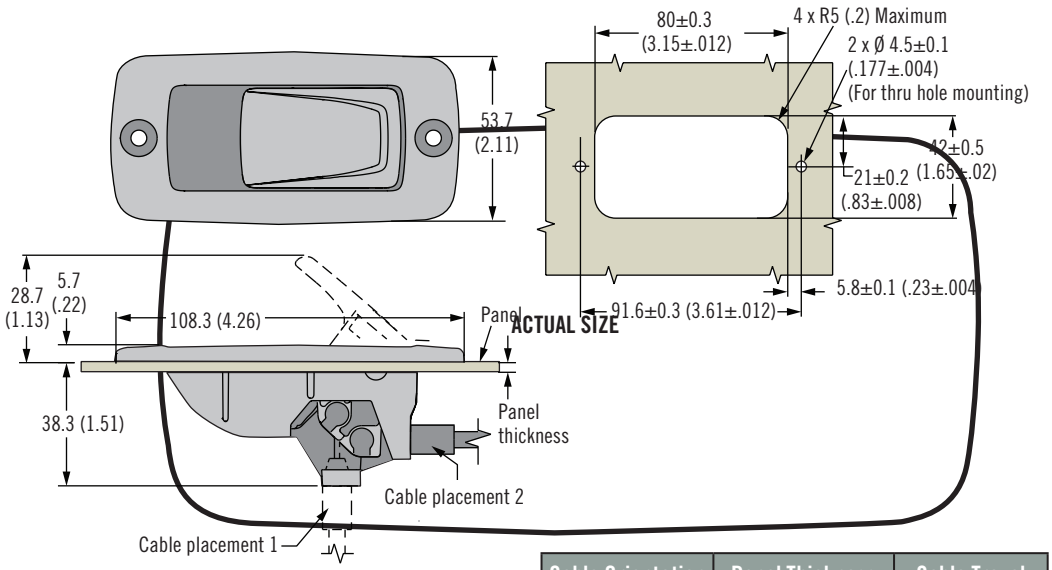
- **Front mount installation**
- **Flush**
- **Two cable mounting options**

Material and Finish

Paddle and housing: Glass-filled nylon, black
Spring: Stainless steel, passivated

Part Number

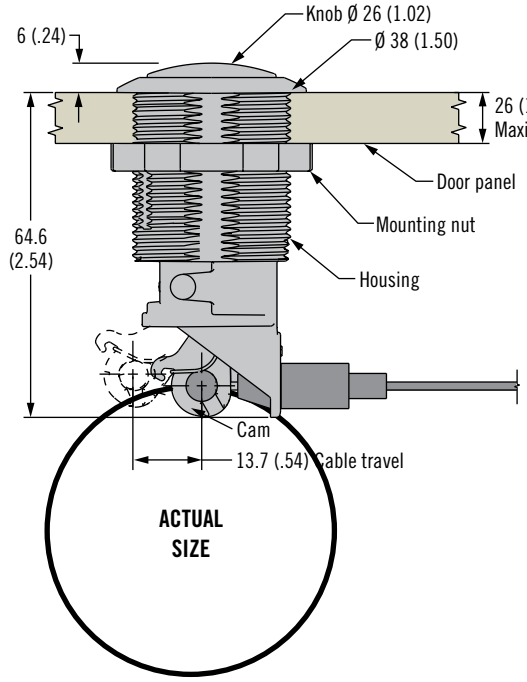
See table

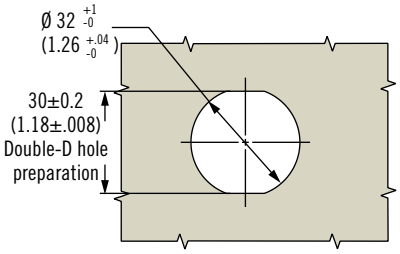


Part Number
AC-70-101-11

Cable Orientation	Panel Thickness	Cable Travel
Placement 1	12.5 (.49) maximum	11.1 (.44)
Placement 2	16 (.63) maximum	13.2 (.52)

AC Single Point Actuator
Push-button





Part Number
AC-80-101-11

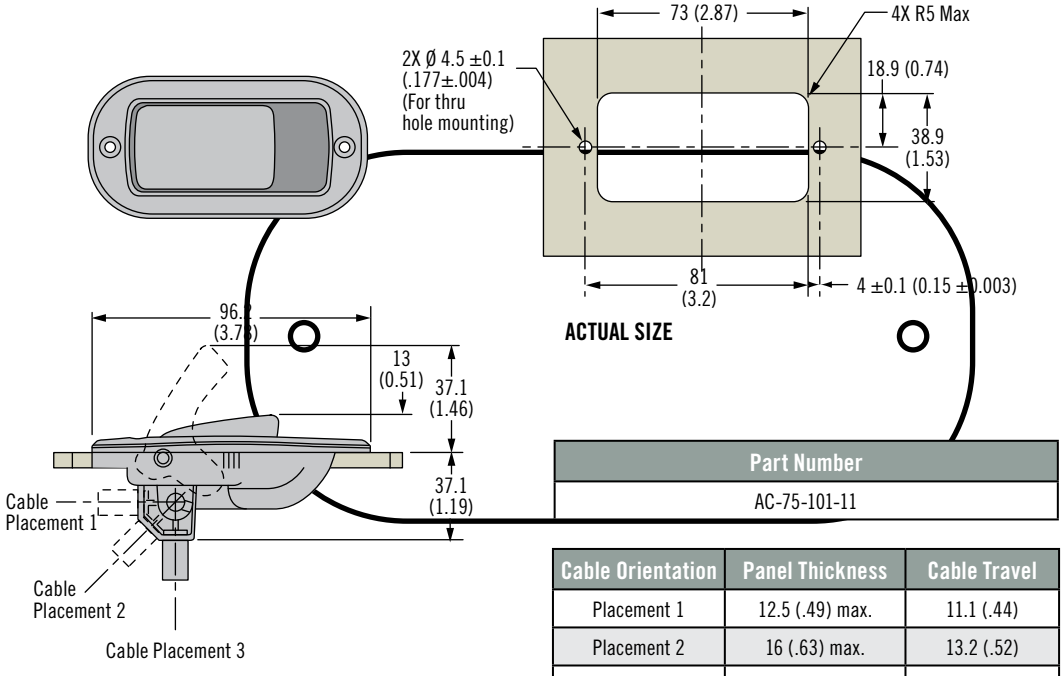
- **Flush**
- **Mounting hardware included**

Material and Finish
Push button and housing:
PC/ABS, black
Cam: Glass-filled nylon, black
Spring: Stainless steel, passivated

Part Number
See table

www.southco.com/AC

AC Single Point Actuator
Aluminum paddle and housing



Part Number
AC-75-101-11

Cable Orientation	Panel Thickness	Cable Travel
Placement 1	12.5 (.49) max.	11.1 (.44)
Placement 2	16 (.63) max.	13.2 (.52)
Placement 3	16 (.63) max.	13.2 (.52)

- **Front mount installation**
- **Three cable mounting options**
- **Low profile**
- **Robust material**

Material and Finish
Paddle and housing:
Aluminum, black powder coated

Notes
AC-75 can only use snub end coupling (Type 6 or 7 cable).

Part Number
See table

AC-50 Single Point Actuator

Squeeze handle

- **Single actuation capability**
- **Accomodates tubular construction or rounded mounting surfaces**

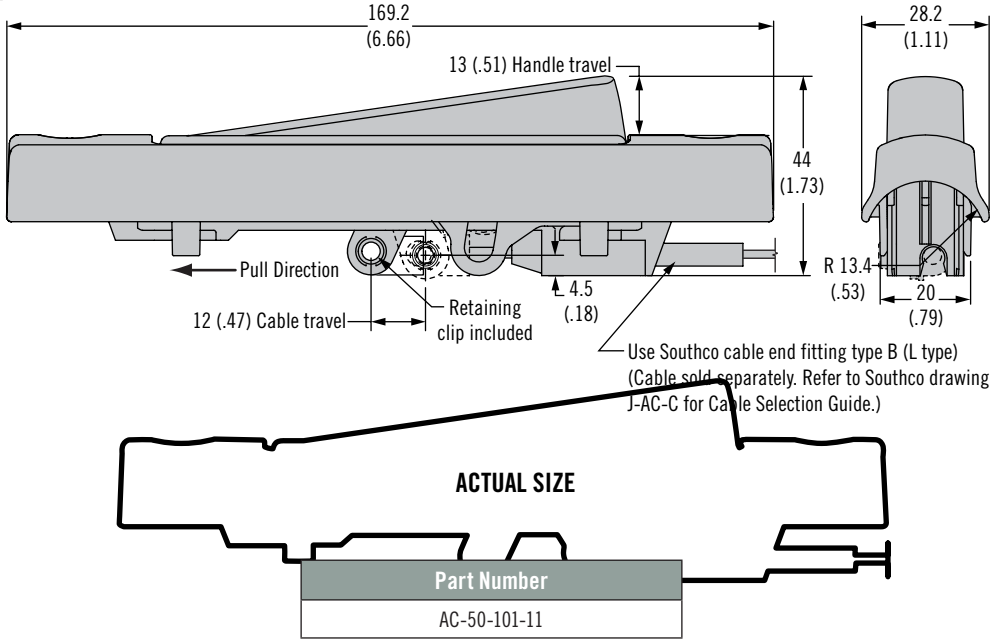
Material and Finish

Housing, handle: Glass-filled nylon, black

Installation Notes

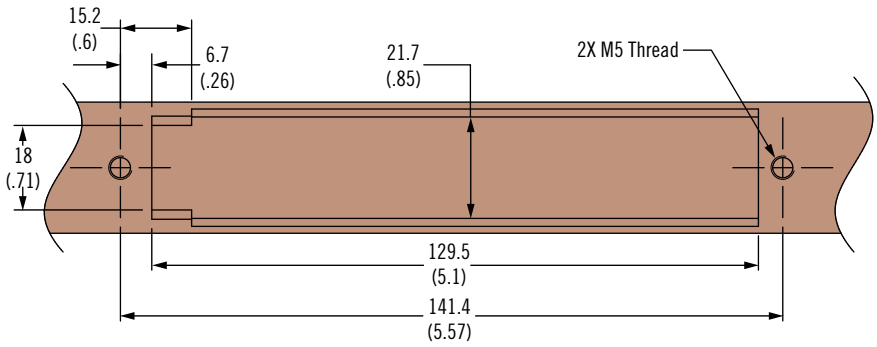
Installation torque of screws not to exceed 2 N•m maximum (Countersunk screws or rivets recommended)

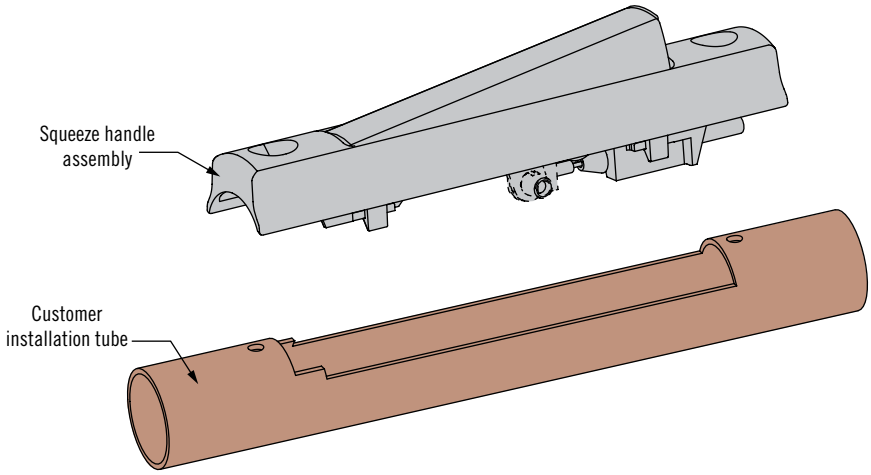
Squeeze Handle



Part Number
AC-50-101-11

Panel Preparation



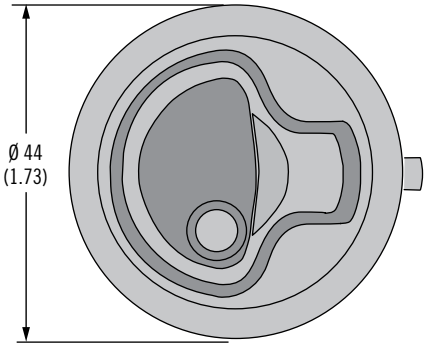


AC Single Point Actuators

Stainless Steel · M1 Style Actuator

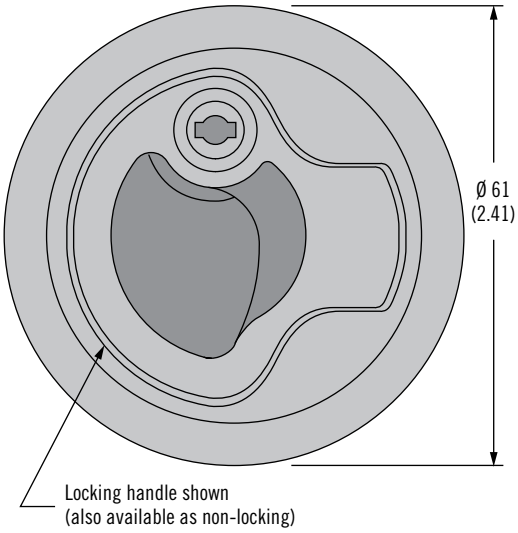
38mm (1.5”)

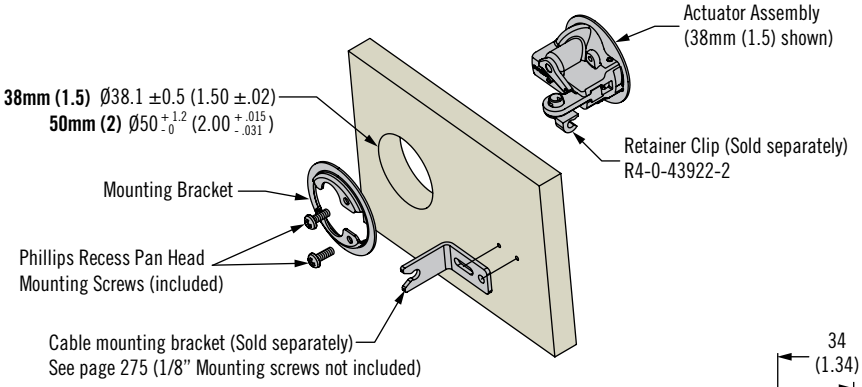
Shown actual size



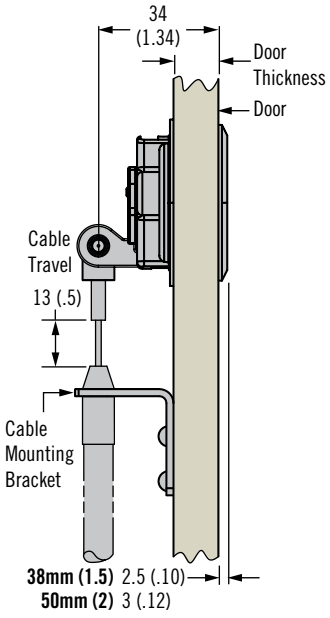
50mm (2”)

Shown actual size





Size	Actuator Assembly	Part Number	Door Thickness	Cable Mounting Bracket
38mm (1.5)	Locking (2 keys supplied)	AC-M1-15-41-8	9 mm	R4-0-50253-1
			12 mm	R4-0-50253-2
	Non-Locking	AC-M1-15-61-8	9 mm	R4-0-50253-1
			12 mm	R4-0-50253-2
50mm (2)	Locking (2 keys supplied)	AC-M1-42-8	9 mm	R4-0-50253-1
		AC-M1-43-8	12 mm	R4-0-50253-2
	Non-Locking	AC-M1-62-8	9 mm	R4-0-50253-1
		AC-M1-63-8	12 mm	R4-0-50253-2
	Key-Locking keyed alike S008	AC-M1-72-8	9 mm	R4-0-50253-1
		AC-M1-73-8	12 mm	R4-0-50253-2



- **Single, round-hole installation**
- **Locking style restricts access**
- **Premium finish and corrosion resistance**

Material and Finish

Latch: 316 grade stainless steel, bright polished
Spacer: Nylon, black
Contact Southco for other finishes

Performance Details

Max. static load: 545 N (122 lbf)

Accessories - 38mm (1.5”)

Spacer: M1-510-96-1
Mounting screws: M1-510-96-4

One key supplied per latch for additional keys order M7-88-9121324-S

Accessories - 50mm (2”)

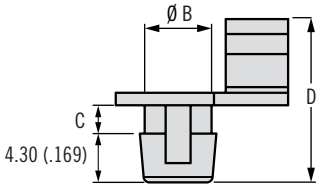
For lock style 4
Key (pair)
Part number: M1-546

For lock style 7
Overmolded key S008 (pair)
Part number:
M1-525-39-S008

Cables

Constructed from marine grade stainless materials, the cable is suitable for multiple bends and can be further customized upon request.

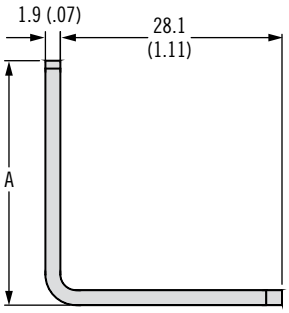
Retainer Clip



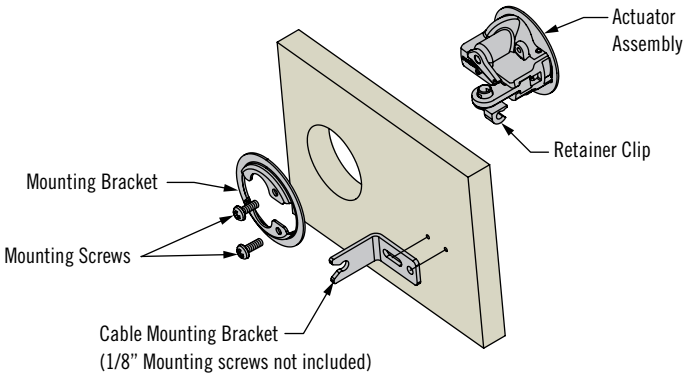
Latch Series	Trigger / Lever Type	Part Number	Material	B	C	D	Trigger / Lever Hole Diameter	Trigger / Lever Thickness
R4-10	Perpendicular In-line Two Point	R4-0-43922	Acetal, Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	6.3 (.25)	2.0 (.08)
	Bottom / Top	R4-0-43922-2	Acetal, Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	6.3 (.25)	4.0 (.16)
	Dual Trigger	R4-0-43922*	Acetal, Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	6.3 (.25)	2.0 (.08)
		R4-0-43922-2	Acetal, Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	6.3 (.25)	4.0 (.16)
R4-30	Perpendicular Two Point	R4-0-43922	Acetal, Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	6.3 (.25)	2.0 (.08)
	Bottom	R4-0-43922-2	Acetal, Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	6.3 (.25)	4.0 (.16)
R4-20	Bottom	R4-0-43922-1	Acetal, White	6.3 (.25)	4.5 (.18)	16.4 (.65)	6.65 (.26)	4.0 (.16)
R4-50	Perpendicular							

*Can also use R4-0-43922-3 (Red) for differentiation with other Retainer Clip (Black)

Cable Mounting Bracket



Part Number	A
R4-0-50253-1	31 (1.22)
R4-0-50253-2	28 (1.10)
R4-0-50253-3	19 (.75)



- **For use with Ø 4 (.157) rod or Southco cable assembly**

Material and Finish

Clip: Acetal

Bracket: Steel

Part Number

See table