CMA 11603 – Lever Actuator

- Compact molded housing with vertical lever for fingertip actuation
- Recessed mounting with two bezel holes
- Easily assembled to CMA standard cable controls. Cable fitting permanently snaps into lever handle.

2:1 Mechanical advantage
9/16" (14.3 mm) travel
Material: ABS/glass filled nylon
Color: Black

NOTE: For locking gas spring applications, when used with CMA 11602, 11708, or 12030 – specify a gas spring with quick release valve (1mm travel).

Use Molded End No. 1

CMA 11764 – Mini Lever Actuator

- Molded compact design for recessed mounting
- Contoured handle for easy two-finger operation
- Optional cable control assembly locations for flexible routing in vertical or horizontal applications
- Integral return spring
- Bezel or pocket mounting holes
- Easily assembled to CMA standard cable controls

Position "A" 3.5:1 Mechanical advantage
.750" (19.0 mm) travel
Position "B" 4:1 Mechanical advantage
.750" (19.0 mm) travel
Material: ABS/polycarbonate
Color: Black

Use Molded End No. 4
CMA 11605 – Lever Actuator

- Molded design for recessed mounting with larger lever for ease of actuation
- Optional cable control assembly locations for flexible routing in vertical or horizontal installations or two cable controls at the same time.
- Pocket mounting holes and return spring are standard
- Easily assembled to CMA standard cable controls

Position “A” 2:1 Mechanical advantage
.840” (21.3 mm) travel

Position “B” 1.7:1 Mechanical advantage
1.300” (33.0 mm) travel

Material: ABS/polycarbonate
Color: Black

Use Molded End No. 3

CMA 11604 – Push Button Actuator Round Button/Bezel

- Molded design with large push button for finger or palm actuation
- Adjustable trim ring accommodates mounting surface thickness
- Rear or front surface 4-hole mounting plate
- Integral return spring (optional)
- Supplied assembled to CMA standard cable controls

.480” (12.4 mm) travel

Material: Engineering grade thermo-plastics
Color: Black

NOTE: For locking gas spring applications, when used with CMA 11602, 11708, or 12030 – specify a gas spring with quick release valve (1mm travel).

Use Molded End No. 3
CMA 12074 – Push Button Actuator

• Compact small size for light duty applications only
• Spring loaded mounting bezel accommodates up to .120 thick material

.195° MAX (4.95 mm) travel
1:1 Mechanical advantage
Material: Aluminum/Delrin
Finish: Clear anodize

Use End No. 12

CMA 12129 – Lever Handle/Tube Mount

• Molded and contoured design offers ease of use and maximum actuation force
• Readily mounts to round tubing with one screw
• Easily assembled to CMA standard cable controls
• Positive snap fit conduit-locking feature

12129 – 1 Fits 3/4" round tubing
12129 – 2 Fits 1" round tubing
12129 – 3 Fits 7/8" round tubing
2.5:1 Mechanical advantage
.800" (20.3 mm) travel
Material: Glass filled nylon
Color: Black
Requires #8 type B sheet metal screw

Use Molded End No. 13
CMA 11767 – D-Ring/Bracket

- Molded design with wide D shape configuration for ease of use in straight pull applications
- Shuttle molded 6-hole hanger bracket for easy mounting to flat surfaces
- Square steel handle shaft eliminates rotation

1.25" MAX (31.75 mm) travel

**Material:** Polypropylene/Acetal/Steel

**Color:** Black

Use Molded End No. 7

CMA 12073 – T-Handle/Bracket

- Molded design with easy to grip "T" handle for ease of use in straight pull applications
- Shuttle molded 6-hole hanger bracket for easy mounting to flat surfaces
- Square steel handle shaft eliminates rotation

1.25" MAX (31.75 mm) travel

**Material:** Polypropylene/Acetal/Steel

**Color:** Black

Use Molded End No. 7
CMA 12169 – Surface Mount Lever Actuator

- Sturdy design with contoured pull up handle
- Easy mounting to the underside of flat surfaces
- Mounting bracket has 2 molded slots for easy installation and adjustment
- Easily assembled to CMA standard cable controls

2.5:1 Mechanical advantage
.625" (15.9 mm) travel

Material: ABS
Color: Black

Use Molded End No. 4