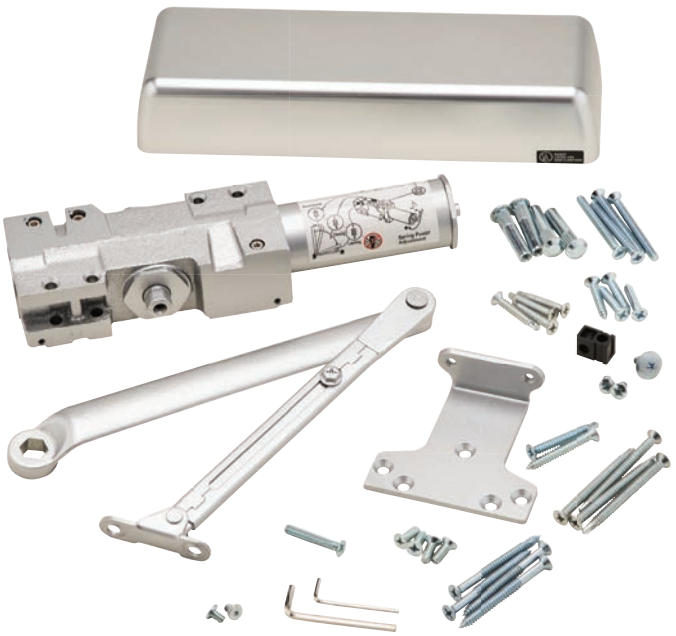
TRUDOOR™

TDC-400 Series

Grade-1 heavy-duty
commercial door closers



Specifications

Closer Body	Heavy duty cast iron, precision rack and pinion construction
Spring Sizing	Adjustable spring power from size 1 to 6, factory set to size 3
Speed Control	Independent latch and sweep speed controls
Back Check	Back check intensity control standard
Valves	Staked valves to prevent backing valves out too far
Cover	Molded plastic cover included
Projection	2-1/4" projection with cover installed
Hole Pattern	2 holes 1" CTC, 3" CTC horizontal x 2 1/4" CTC vertical
Minimum Top Rail	Regular: 3-3/4" - Top Jamb: 1-1/4" - Parallel Arm: 5-3/8"
Fasteners	Thru bolts with machine screws, wood screws and self tapping machine screws
Mounting Styles	Includes all screws and brackets for Regular, Top Jamb and Parallel Arm installations
Accessories	Hold open arms, heavy duty arms, drop plates, extended arms & more
Applications	Exterior or interior doors in commercial, institutional, and industrial buildings
Finishes	689 Aluminum, 693 Black, 695 Dark Bronze, 696 Brass
Warranty	Limited lifetime warranty

Code compliance

ANSI/BHMA	Meets ANSI A156.4 Grade 1 standards
UL/cUL	UL listed for “A” label 3 hour fire-rated doors, UL10C positive pressure rated
ADA	Meets ADA and ANSI A117.1 accessibility codes

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TDC-400 Series Door Closers

Standard Models

TDC-400

Regular arm with parallel arm bracket
Regular, top jamb, and parallel
arm installations

TDC-400-EDA-DS

Extra duty arm with dead stop
Parallel arm installations only

TDC-400-EDA-SS

Extra duty arm with spring stop
Parallel arm installations only

TDC-400-H

Friction hold open arm
with parallel arm bracket
Regular, top jamb, and
parallel arm installations

TDC-400-HP

Extra duty hold open arm
with dead stop
Parallel arm installations only

TDC-400-HPSS

Extra duty hold open arm
with spring stop
Parallel arm installations only

Powder Coated Finishes

689
Aluminum

693
Matte Black

695
Dark Bronze

696
Brass

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TDC-400 Series Door Closers

Arms

TDC-400 Extra Long Arm

Used for deep frame reveals larger than 4-7/8" and up to 8" - Direct replacement for standard forearm.

TDC-400 Friction Hold Open Arm

Used to hold door open in non-fire-rated applications. Hold open function using friction type fitting under nut which also allows for multiple hold open positions. Regular, top jamb or parallel arm mount.

TDC-400 Extra Duty Arm with Deadstop

Designed for high use and abuse applications. Includes removable auxiliary stop (spring stop available separately as a replacement for auxiliary stop). Parallel arm (push side) mounting only.

TDC-400 Extra Duty Hold Open Arm with Deadstop

Used to hold door open in non-fire-rated applications. Designed for high use and abuse applications. Includes removable auxiliary stop (spring stop available separately as a replacement for auxiliary stop). Parallel arm (push side) mounting only.

TDC-400 Spring Stop

Used to provide an optional spring stop by replacing the screw-in positive stop on PA bracket of compatible arms.

Accessories

TDC-400-REG
Regular Arm Drop Plate

Used for regular arm mounting when the top rail is too narrow to allow the closer to be mounted directly to the door surface.

TDC-400-TJ1
Top Jamb Drop Plate

Locates top jamb mounted closer flush with top of frame face in flush ceiling condition – 1-3/4" minimum head frame required.

TDC-400-PA
Parallel Arm Drop Plate

Required for parallel arm mounting where top rail is less than 5-1/2" measured from the stop - preventing the closer from being mounted directly to the door surface.

TDC-400-TJ2
Center Mount Top Jamb Drop Plate

Centers top jamb mounted closer vertically on head frame where face is less than 3-1/2" – 1-3/4" minimum head frame required.

TDC-400-BS Blade Stop Spacer

Used as a spacer when the door frame has a blade stop and PA bracket must be mounted on the frame rabbet.

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