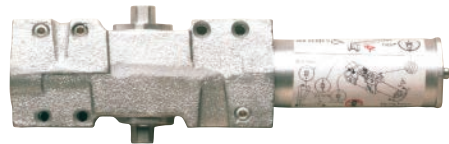




900 SERIES

Heavy-Duty Commercial Grade 1 Surface Applied Closers



Standard Features

- **Performance** Complies with ANSI A156.4, Grade 1, 2 million cycles, UL/ULC listed up to 3 hours fire rated
- **Chassis/Closer** Cast steel
- **Handing** Non-handed
- **Mounting** **TRI-PACK** — regular, top jamb and parallel arm applications.
- **Main Arm** Forged steel, accommodates reveals up to 3 1/4", adjustable extension arm
- **Spring Power** Adjustable 1 - 6 sizes
- **Backcheck** Adjustable, hydraulic - providing cushioning and preventing uncontrolled openings of the door
- **Valves** Adjustable, independent, non-critical (sweep and latch), consistent closing speeds
- **Fasteners** Metal screws included for hollow metal and aluminum mounting applications. Wood screws included for wood door mounting applications. Closers are packed with thru-bolts.
- **Door Range** Up to 180 degrees
- **Door Preparation** 5" horizontal and 2-1/4" vertical mounting hole locations (retrofits traditional closer)
- **Warranty** 25 year limited

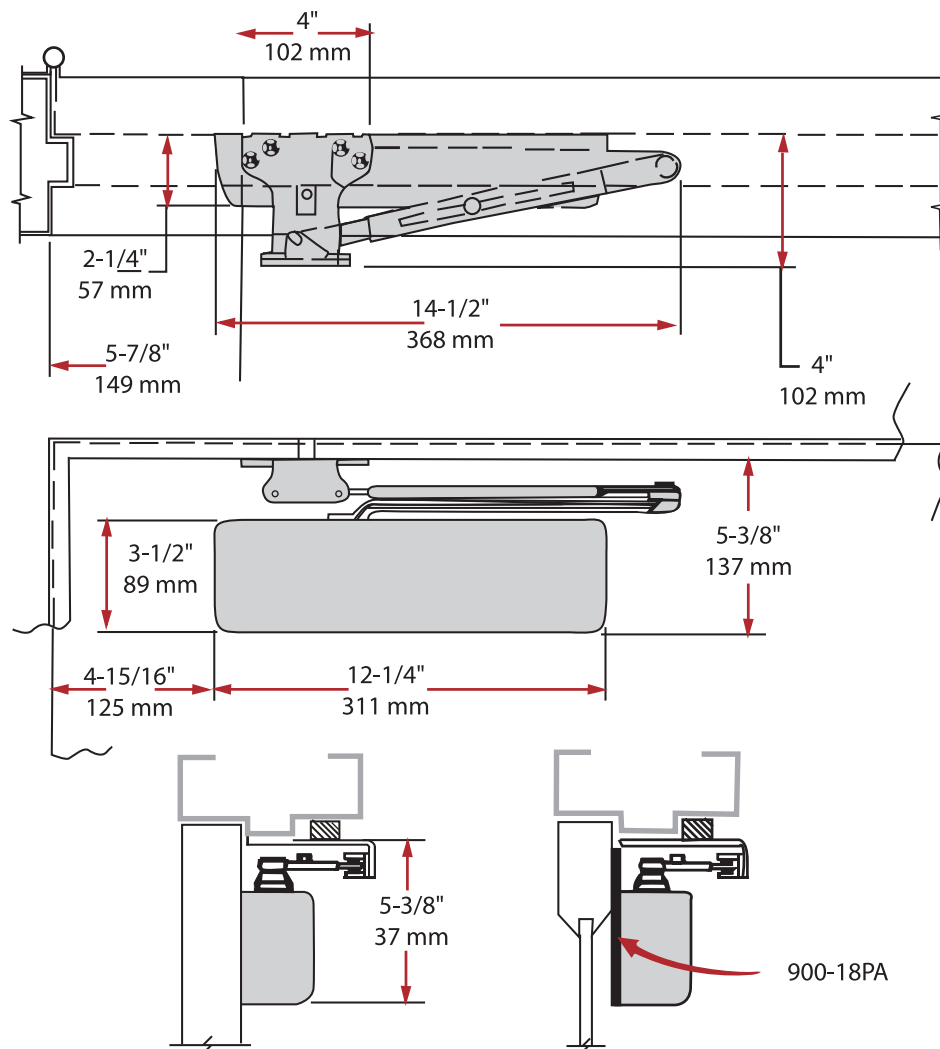
Optional Features

- **Covers** High impact plastic and plated kit: cover, arm & bracket
- **Other Features** Refer to Arm Option and Accessories pages for more optional features



900 Series Application Drawings:

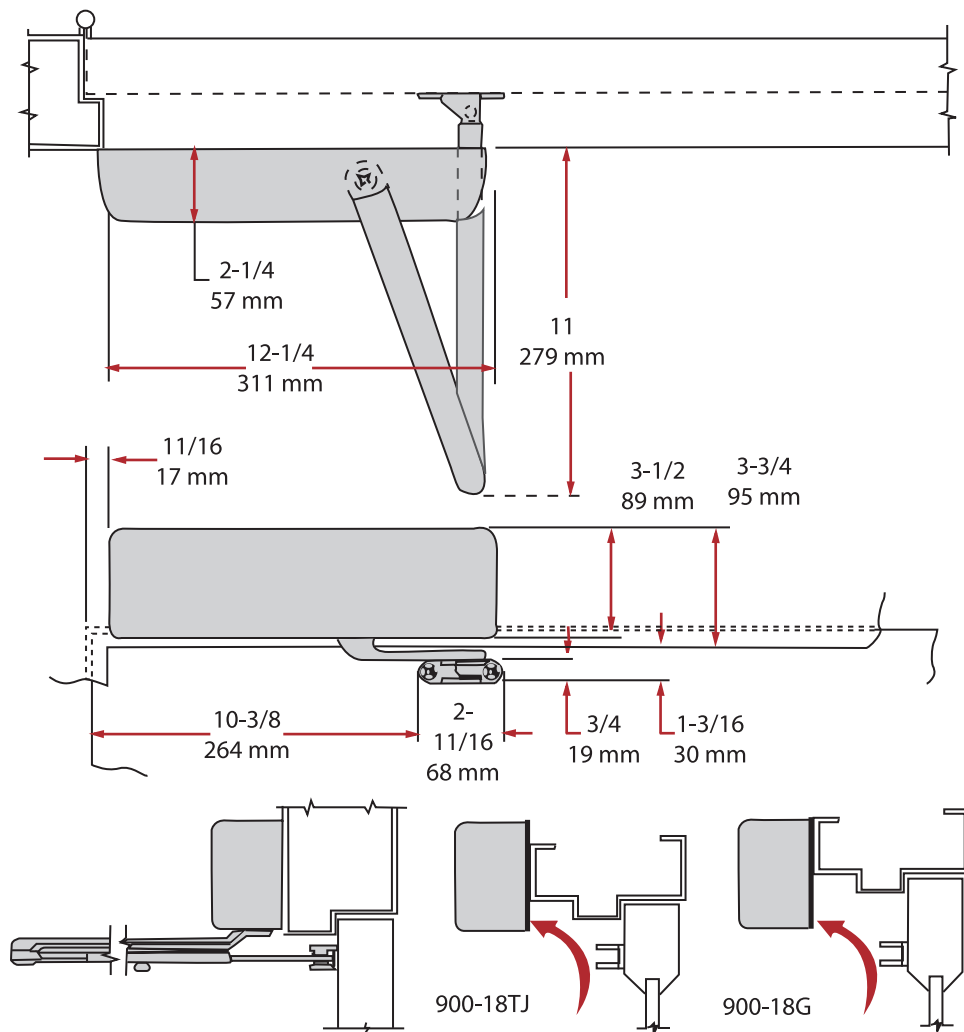
Parallel Arm (Push Side) Mounting





900 Series Application Drawings:

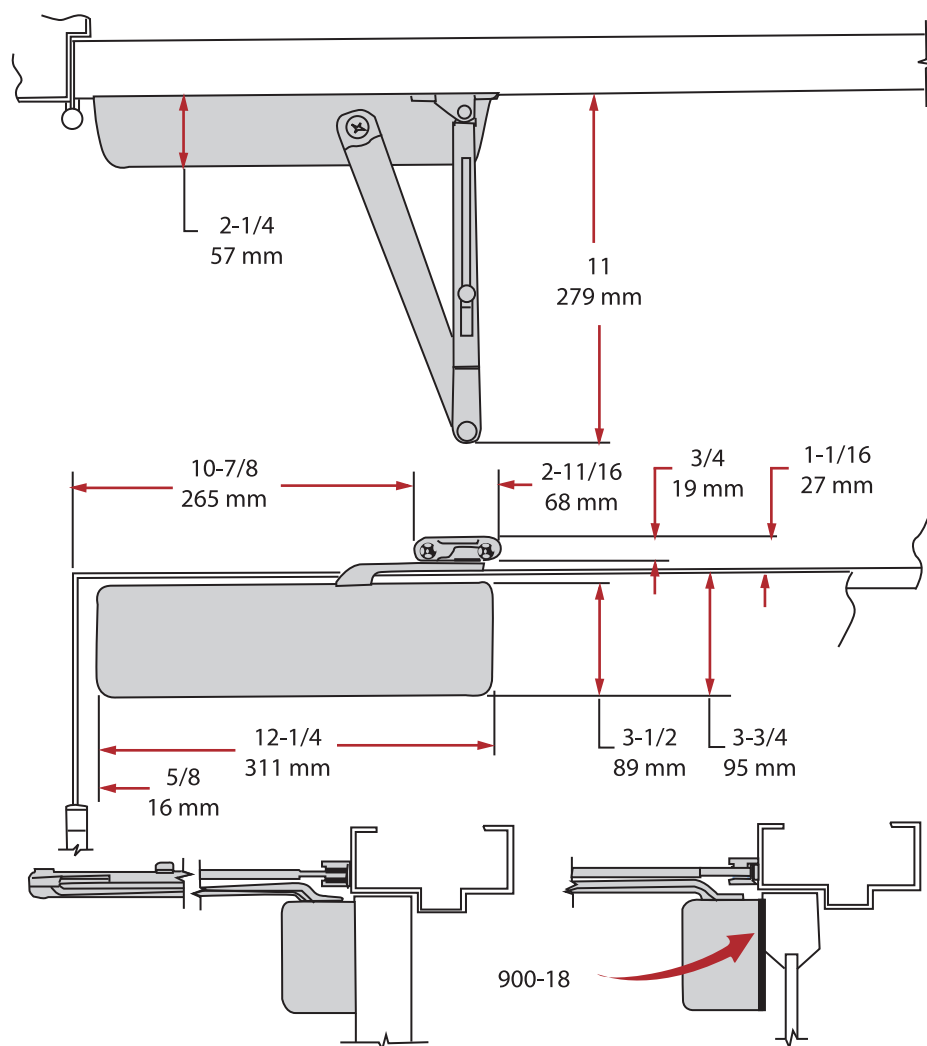
Top Jamb (Push Side) Mounting





900 Series Application Drawings:

Regular (Pull Side) Mounting





900 Series Standard Feature:

Cover, (Standard)

DC100257 (AL)

Standard, non-handed high impact plastic cover.
Available for all painted finishes.



900 Series Arm Options:

Regular Arm, (Standard)

DC100191 (AL)

DC100212 (Duro)

Non-handed arm used to mount for regular, top jamb and with parallel arm bracket. Solid steel forged main arm with slide connecting arm to handle reveals up to 3-1/4" inches.



Hold Open Arm, (HO)

DC100138 (AL)

DC100139 (Duro)

Optional, non-handed hold open arm and can be mounted regular, top jamb and parallel arm*.

*PA bracket optional



Heavy Duty Parallel Arm, (SP)

DC100124 (AL)

DC100144 (Duro)

Optional, non-handed heavy-duty parallel arm features forged steel main arm and forearm for abusive conditions.



NOTE: AL=Aluminum, Duro=Duronodic

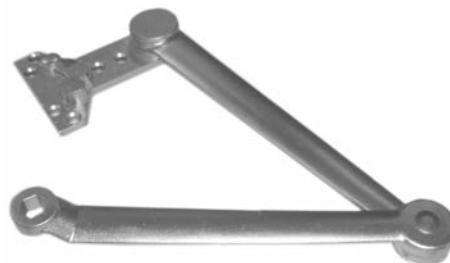


900 Series Arm Options:

Dead Stop Arm, (DS)

DC100193 (AL)

Optional, non-handed heavy-duty parallel arm features forged steel main arm and forearm with positive dead stop built into soffit plate.



Heavy Duty Dead Stop Hold Open Arm, (DSH)

DC100181 (AL)

DC100190 (Duro)

Optional, handed hold open heavy duty parallel arm features forged steel main arm and forearm with positive dead stop built into soffit plate.



900 Series Options:

Plated Kit

DC100184 (US3)

DC100185 (US26)

DC100200 (US26D)

DC100202 (US4)

Optional Plated Kit includes non-handed full metal cover, regular arm, parallel arm bracket and all fasteners in matching plated finish



NOTE: AL=Aluminum, Duro=Duronodic, US3=Bright Brass, US26=Bright Chrome, US26D=Satin Chrome, US4=Satin Brass



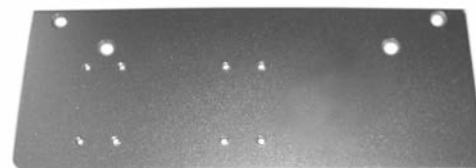
900 Series Accessories:

Regular Mount Plate

DC100141 (AL)

DC100140 (Duro)

Optional drop plate to mount closer parallel arm where top rail of door is less than 5-1/2" measured from the stop. Minimum top rail on door of 2" required.



Back Plate

DC100126 (AL)

DC100142 (Duro)

Optional drop plate to mount closer parallel arm where top rail of door is less than 5-1/2" measured from the stop. Minimum top rail on door of 2" required.



Drop Plate

DC100210 (AL)

DC100227 (Duro)

Optional drop plate to mount closer on top jamb application where ceiling is flush with top of frame. Requires minimum 1-3/4" frame face.



Parallel Arm Bracket (Standard), (PAB)

DC100117 (AL)

Used when mounting parallel arm with 900 regular arm and 900 HO arm.



Friction Hold Open "L" Bracket, (FHO)

DC100225 (AL)

Used when mounting parallel arm or friction hold open (FHO) arm.



Sex Nuts:

SNB1

DC100222 (AL)

DC100095 (Duro)

DC100096 (Gold)

SNB1 — Sex nuts with machine screws for 1-3/4" (44 mm) door.

SNB2

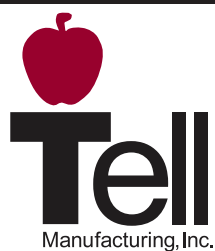
DC100089 (AL)

DC100203 (Duro)

SNB2 — Sex nuts with machine screws for 1-3/8 (35 mm) door.



NOTE: AL=Aluminum, Duro=Duronodic



900 Series Cross Reference Chart:

TELL	CAL-ROYAL	DORMA	LCN	NORTON	SARGENT	YALE
900	CR441*	8916 AF	4040*	7500	281	4400

NOTE: This chart has been prepared by comparing functions of door closers. Since no products are exactly alike, the data on this chart represents our judgement of which products are most similar. Because information has been obtained from trade sources, it is not guaranteed nor represented that any specific product exactly equals any other product.

* RETROFIT INSTALLATION HOLE FOR HOLE

900 Series Door Sizing Chart:

Door Sizing Chart	D O O R W I D T H						
	24" min. 610mm	30" max. 762mm	36" max. 914mm	42" max. 1067mm	48" max. 1219mm	54" max. 1372mm	60" max. 1523mm
CLOSER							
900	Interior	✓	✓	Ⓜ	Ⓜ	✓	✓
	Exterior	✓	✓	Ⓜ	✓	✓	N/A

✓ = Recommended

N/A = Not applicable or recommended

Ⓜ = Opening force 5 lbs. on interior and 8.5 lbs. on exterior doors



How to Order 900 Series:

