



Overhead Concealed & Surface Closers





RAPID Ship Inventory:

- The RAPID Ship items will ship within 24 hours of receiving the purchase order.
- RAPID Ship inventory ships from two regional locations. (Anaheim CA & Nashville TN)
- If your RAPID Ship item is not stocked. We'll cover the shipping upon availability.

Freight Policy:

- Prepaid on 350 pounds or \$1,500.00 whichever comes first, by carrier of our choice within the continental United States. (When customers specifies routing by another carrier or shipping oversized items (70" in length) or longer, any excess charges incurred will be billed).
- Prepaid items include only in house stock (RAPID Ship items). Any outsourced items or oversized hardware are excluded.
- Customers that choose to use "UPS / FedEx "collect" or 3rd party accounts to ship may do so. The shipping account information needs to be available on the original order at the time of order receipt.
- Non-Transportation surcharges {i.e.: construction site delivery, oversized box or pallet, delivery notification, lift gate service, etc.} will be billed to the customer.

Pricing

- All prices are subject to change without notice. State and local taxes, if any, are to be paid by the purchaser.

Returns:

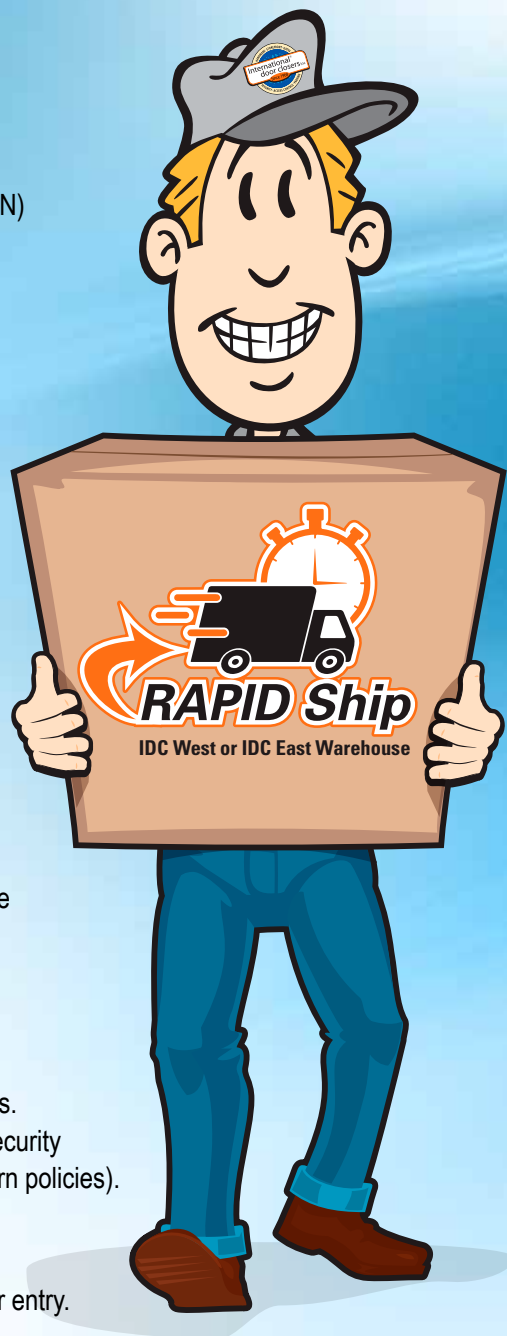
- All returns require an RGA number in order to complete the return.
- A restocking fee of \$25.00 or 15% "whichever is greater" may apply to returned items. (Any outsourced items not within the RAPID Ship catalog such as access control, security products, custom size, thresholds and gasketing will be subject to our suppliers return policies).

Claims:

- Claims for shortages and/or damaged product must be made within 10 days of order entry.

Cancellation:

- Any orders canceled after shipping are subject to shipping charges and / or handling fees.



West: 800-544-4422 • East: 800-225-6737



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International[®]
door closers inc
Since 1968



D200 Competitor Series Overhead Concealed Closer

Features

- Adjustable Spring Power
- Built-in positive back stop and hold-open positions available:
 - 105° Back Stop with Hold-Open
 - 105° Back Stop - no Hold-Open
 - 90° Back Stop with Hold-Open
 - 90° Back Stop - no Hold-Open
- Standard spring tensions available:
 - LIGHT, MEDIUM & HEAVY
- Three control valves: Closing speed, latching speed and back check, fully adjustable after installation.
- Fits in an aluminum header or transom bar as small as 1-3/4" x 4".
- Positive centering for alignment and to hold door closed against any normal wind or draft.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.

Furnished Parts & Available Options

Center Hung Doors: Complete units for aluminum doors and frames are furnished with top arm assembly (adjustable 'S' side loading, "A" end loading, "K" end loading or "PT" end loading), adjustable dual purpose 3010-DP bottom pivot set for floor or threshold mounting (side or end loading) and 3010-FS anchor set with all fasteners. 3010-G and 3010-GE bottom pivot sets are available, but must be ordered separately.

"S" type side loading top arms and 3010-DP adjustable dual purpose pivot set and 3010-FS anchor set will be furnished unless otherwise specified.

"A" type, "K" type or "PT" type end loading and "JO" or "VO" type offset arms are optional, but must be specified.

"G" and "GE" type pivot sets are available, but must be ordered separately.


Offset Hung Doors: Single Acting. Offset "JO" and "VO" type top arms are available for butt hinge or offset pivot applications.

(Offset Pivots or Butt Hinges not included. Top Door Stop/Arm Cover by others – fabrication drawings available.)



Compliance Standards

- ADA spring tensions available for use on center pivoted applications:

- 
 - 5 lb. opening force (Interior door)
 - 8-1/2 lb. opening force (Exterior door)

LEAK-FREE Guaranteed Performance



(1) (2) (3) (4) (5)

1. Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.
2. New automotive type heavy duty spindle seal replacing old standard O-ring technology.
3. All three adjustment valves now with two high performance O-rings for double protection.
4. Steel end caps incorporating new high performance O-rings and also epoxy sealed threads for double protection.
5. Adjustable back check after 80° to prevent the door from slamming open.

D2000 B PIVOT

- D200 Series Body Without Oil & Spring
- Standard Dummy Closer
- 12mm Spindle
- 3010FS Anchor Set



D2000 B PIVOT LS












- D200 Series Body Without Oil & Spring
- Long Spindle dummy closer
- 19mm Spindle
- 3010FS Anchor Set



D200 Competitor Series Overhead Concealed Closer

West: 800-544-4422 • East: 800-225-6737

D200 Series	Door Size	Spring Tension	Type	Model With "S" "A" "K" OR "PT" Arm	Model With "JO" OR "VO" Offset Arm
<p>NOTE: Doors of sizes over the schedule, or of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage, require the next stronger model closer.</p> <p>Specify: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.</p> <p>Specify FINISH: For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze</p>	From 36" to 48" X 96"	 ADA 5lb. (INTERIOR)	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D200 D201 D202 D203	NA NA NA NA
	From 36" to 48" X 96"	 ADA 8-1/2lb. (EXTERIOR)	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D210 D211 D212 D213	NA NA NA NA
	Up to 30" X 96"	LIGHT	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D220 D221 D222 D223	D220 X JO or VO D221 X JO or VO D222 X JO or VO D223 X JO or VO
	31" to 41" X 96"	MEDIUM	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D230 D231 D232 D233	D230 X JO or VO D231 X JO or VO D232 X JO or VO D233 X JO or VO
	42" to 48" X 96"	HEAVY	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D240 D241 D242 D243	D240 X JO or VO D241 X JO or VO D242 X JO or VO D243 X JO or VO

Parts & Accessories		Part No.
	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)	D2000-B
	"S" Type Adjustable Side Loading Top Arm Assembly (1/2" Depth Top Rail)	3010-S
	"A" Type End Loading Top Arm Assembly (1" Depth Top Rail)	3010-A
	"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)	3010-K
	"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)	3010-PT
	"JO" Type Offset Top Arm Assembly Mortised Type (9/16" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3010-JO x AL 3010-JO x DU
* JO and VO type offset arm in lieu of S, A, K & PT type arms ADA opening force may not provide sufficient power to reliably close and latch a door		
	"VO" Type Offset Top Arm Assembly Surface Type (7/8" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3020-VO x AL 3020-VO x DU
	Anchor Set (Standard)	3010-FS
	Adjustable Dual Purpose Bottom Pivot Set (Standard)	3010-DP
	Adjustable Floor Mount Bottom Pivot Set (Optional)	3010-G
	Adjustable Threshold Mount Bottom Pivot Set (Optional)	3010-GE

*in lieu of S, A, K, or PT arms.





Closers designed for all glass doors with a longer spindle and short arm.



“A” Short Type End Loading Arm (1”Depth Top Rail)



D200-SA Competitor Series Overhead Concealed All Glass Door Closer

Features

- Adjustable Spring Power
- CENTER HUNG DOORS: Double or Single Acting Door (Door stop applied to frame renders unit Single Acting). “A” type short end loading top arm supplied for smaller top rail applications.
- 5-3/4” Short “A” Arm (measured from center line of spindle to end of arm).
- 3/4” spindle length for better door support.
- Built in positive back stop and hold-open positions available:
 - 105° Back Stop with Hold-Open
 - 105° Back Stop - no Hold-Open
 - 90° Back Stop with Hold-Open
 - 90° Back Stop - no Hold-Open

- Standard spring tensions available:
 - MEDIUM & HEAVY
- Three control valves: Closing speed, latching speed and back check, fully adjustable after installation.
- Cast Iron Body fits in aluminum header or transom bar as small as 1-3/4” x 4”.
- Positive centering for alignment and to hold door closed against any normal wind or draft.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.

LEAK-FREE Guaranteed Performance



- (1) Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.
- (2) New automotive type heavy duty spindle seal replacing old standard O-ring technology.
- (3) All three adjustment valves now with two high performance O-rings for double protection.
- (4) Steel end caps incorporating new high performance O-rings and also epoxy sealed threads for double protection.
- (5) Adjustable back check after 80° to prevent the door from slamming open.

Furnished Parts & Available Options

Center Hung Doors: Complete units for aluminum doors and frames are furnished with top arm assembly (adjustable ‘S’ side loading, “A” end loading, “K” end loading or “PT” end loading), adjustable dual purpose 3010-DP bottom pivot set for floor or threshold mounting (side or end loading) and 3010-FS anchor set with all fasteners. 3010-G and 3010-GE bottom pivot sets are available, but must be ordered separately.

“S” type side loading top arms and 3010-DP adjustable dual purpose pivot set and 3010-FS anchor set will be furnished unless otherwise specified.

“A” type, “K” type or “PT” type end loading and “JO” or “VO” type offset arms are optional, but must be specified.

“G” and “GE” type pivot sets are available, but must be ordered separately.

Offset Hung Doors: Single Acting. Offset “JO” and “VO” type top arms are available for butt hinge or offset pivot applications.





(Offset Pivots or Butt Hinges not included. Top Door Stop/Arm Cover by others – fabrication drawings available.)

D200-SA Competitor Series

Overhead Concealed All Glass Door Closer

West: 800-544-4422 • East: 800-225-6737

D200-SA Series	Door Size	Spring Tension	Type	Model
<p>NOTE: Doors of sizes over the schedule, or of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage, require the next stronger model closer.</p> <p>Specify: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.</p> <p>Specify FINISH: For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze</p>	31" to 41"	MEDIUM	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D230-SA D231-SA D232-SA D233-SA
	42" to 48"	HEAVY	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D240-SA D241-SA D242-SA D243-SA

Parts & Accessories		Part No.
	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)	D2000-B-31
	"A" Short Type End Loading Arm (1" Depth Top Rail) "A" Standard Type End Loading Arm (1" Depth Top Rail)	3010-SA 3010-A
	Adjustable Dual Purpose Bottom Pivot Set	3010-DP
	Anchor Set	3010-FS

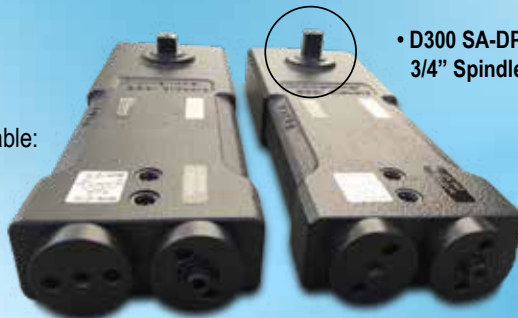




D300 Series Overhead Concealed Closer

Features

- Adjustable Spring Power
- Built-in positive back stop and hold-open positions available:
 - 105° Back Stop with Hold-Open
 - 105° Back Stop - no Hold-Open
 - 90° Back Stop with Hold-Open
 - 90° Back Stop - no Hold-Open
- Standard spring tensions available:
 - **LIGHT & MEDIUM**
- Suitable for both Center Hung (Double or Single Acting) and Offset Doors.
- Two control valves: Closing speed and latching speed, fully adjustable after installation.
- Fits in an aluminum header or transom bar as small as 1 3/4" x 4".
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Optional 3/4" Spindle Available.



• D300 SA-DP Series
3/4" Spindle



Compliance Standards

- ADA closer with Adjustable Spring Power for a range of sizes from 5 lb. to 8.5 lb. LIGHT & MEDIUM Spring Tension, fully adjustable after installation.
- Barrier Free Operation to comply with Federal Accessibility Standards (ADA): complying with ANSI A117.1 (4.13.11) available for center pivoted applications.

Furnished Parts & Available Options

Center Hung Doors: Complete units for aluminum doors and frames are furnished with top arm assembly (adjustable 'S' side loading, "A" end loading, "K" end loading or "PT" end loading), adjustable dual purpose 3010-DP bottom pivot set for floor or threshold mounting (side or end loading) and 3010-FS anchor set with all fasteners.

"S" type side loading, "A" type, "K" type, or "PT" type end loading top arms are available for center pivoted applications.

"A" type, "K" type or "PT" type end loading and "JO" or "VO" type offset arms are optional, but must be specified.

"G" and "GE" type pivot sets are available, but must be ordered separately.

Offset Hung Doors: Complete units for offset pivoted or butt hinged aluminum doors and frames are furnished with a "JO" or "VO" type offset arm (may not meet handicap force requirements) and 3010-FS anchor set with all fasteners.

3010-DP dual purpose radial ball bearing bottom pivot set is standard for floor or threshold center pivoted installation. Optional 3010-GE bottom pivot sets are available, but must be ordered separately.

LEAK-FREE Guaranteed Performance



(1) (2) (3) (4)

1. Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.
2. New automotive type heavy duty spindle seal replacing old standard O-ring technology.
3. All two adjustment valves now with two high performance O-rings for double protection.
4. Steel end caps incorporating new high performance O-rings and also epoxy sealed threads for double protection.

D300 Series Overhead Concealed Closer

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D300-SA Series - All Glass Door Closer

D300 Series	Type	Model
<p>NOTE: Doors of varying sizes, or of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage, refer to Series D200 Overhead Concealed Closers.</p> <p>Specify: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.</p> <p>Specify FINISH: For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze</p>	<p>105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open</p>	<p>D310 D311 D312 D313</p>
	<p>3/4" Spindle: 105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open</p>	<p>D310-SA-DP D311-SA-DP D312-SA-DP D313-SA-DP</p>



• D300 SA-DP Series
3/4" Spindle

Parts & Accessories		Part No.
	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)	D3000-B
	"S" Type Adjustable Side Loading Top Arm Assembly (1/2" Depth Top Rail)	3010-S
	"A" Short Type End Loading Arm (1" Depth Top Rail) "A" Type End Loading Top Arm Assembly (1" Depth Top Rail)	3010-SA 3010-A
	"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)	3010-K
	"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)	3010-PT
	"JO" Type Offset Top Arm Assembly Mortised Type (9/16" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3010-JO x AL 3010-JO x DU
* JO and VO type offset arm in lieu of S, A, K & PT type arms ADA opening force may not provide sufficient power to reliably close and latch a door		
	"VO" Type Offset Top Arm Assembly Surface Type (7/8" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3020-VO x AL 3020-VO x DU
	Anchor Set (Standard)	3010-FSP
	Adjustable Dual Purpose Bottom Pivot Set (Standard)	3010-DP
	Adjustable Floor Mount Bottom Pivot Set (Optional)	3010-G
	Adjustable Threshold Mount Bottom Pivot Set (Optional)	3010-GE

*in lieu of S, A, K, or PT arms.





CERTIFIED GRADE 1
ANSI 156.4



D500 Series (High Traffic Solution) Overhead Concealed Closer - Grade 1

Features

- Adjustable Spring Power
- Built-in positive back stop and hold-open positions available:
 - 105° Back Stop with Hold-Open
 - 105° Back Stop - no Hold-Open
 - 90° Back Stop with Hold-Open
 - 90° Back Stop - no Hold-Open
- Standard spring tensions available:
 - **LIGHT & MEDIUM**
- Suitable for both Center Hung (Double or Single Acting) and Offset Doors.
- Two control valves: Closing speed and latching speed, fully adjustable after installation.
- Fits in an aluminum header or transom bar as small as 1 3/4" x 4".
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.

Compliance Standards

- Certified ANSI 156.4 Grade 1
- ADA closer with Adjustable Spring Power for a range of sizes from 5 lb. to 8.5 lb. **LIGHT & MEDIUM**. Spring Tension, fully adjustable after installation.
- Barrier Free Operation to comply with Federal Accessibility Standards (ADA): complying with ANSI A117.1 (4.13.11) available for center pivoted applications.

Furnished Parts & Available Options

Center Hung Doors: Complete units for aluminum doors and frames are furnished with top arm assembly (adjustable 'S' side loading, "A" end loading, "K" end loading or "PT" end loading), adjustable dual purpose 3010-DP bottom pivot set for floor or threshold mounting (side or end loading) and 3010-FS anchor set with all fasteners.

"S" type side loading, "A" type, "K" type, or "PT" type end loading top arms are available for center pivoted applications.

"A" type, "K" type or "PT" type end loading and "JO" or "VO" type offset arms are optional, but must be specified.

"G" and "GE" type pivot sets are available, but must be ordered separately.

Offset Hung Doors: Complete units for offset pivoted or butt hinged aluminum doors and frames are furnished with a "JO" or "VO" type offset arm (may not meet handicap force requirements) and 3010-FS anchor set with all fasteners.

3010-DP dual purpose radial ball bearing bottom pivot set is standard for floor or threshold center pivoted installation. Optional 3010-GE bottom pivot sets are available, but must be ordered separately.

LEAK-FREE Guaranteed Performance














- (1) Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.
- (2) New automotive type heavy duty spindle seal replacing old standard O-ring technology.
- (3) All two adjustment valves now with two high performance O-rings for double protection.
- (4) Steel end caps incorporating new high performance O-rings and also epoxy sealed threads for double protection.

D500 Series (High Traffic Solution) Overhead Concealed Closer - Grade 1

West: 800-544-4422 • East: 800-225-6737

D500 Series	Type	Model
<p>NOTE: Doors of varying sizes, or of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage.</p> <p>Specify: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.</p> <p>Specify FINISH: For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze</p>	<p>105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open</p>	<p>D510 D511 D512 D513</p>

Parts & Accessories		Part No.
	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)	D5000-B
	"S" Type Adjustable Side Loading Top Arm Assembly (1/2" Depth Top Rail)	3010-S
	"A" Type End Loading Top Arm Assembly (1" Depth Top Rail)	3010-A
	"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)	3010-K
	"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)	3010-PT
	"JO" Type Offset Top Arm Assembly Mortised Type (9/16" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3010-JO x AL 3010-JO x DU
* JO and VO type offset arm in lieu of S, A, K & PT type arms ADA opening force may not provide sufficient power to reliably close and latch a door		
	"VO" Type Offset Top Arm Assembly Surface Type (7/8" Depth Top Rail)	Painted Arm - Aluminum Storefront Bronze 3020-VO x AL 3020-VO x DU
	Anchor Set (Standard)	3010-FSP
	Adjustable Dual Purpose Bottom Pivot Set (Standard)	3010-DP
	Adjustable Floor Mount Bottom Pivot Set (Optional)	3010-G
	Adjustable Threshold Mount Bottom Pivot Set (Optional)	3010-GE

*in lieu of S, A, K, or PT arms.





D200 Competitor Series

- Adjustment valves now with two high performance O-rings for double protection.

D200 SERIES Cross Reference Chart										
IDC	CRL	Jackson	Calibre	Global	Dor-O-Matic	Sentinel	S. Parker	Taco	Rixson	Dorma
D200B ~ D203B	CRL6800	USE 20101M (17-20)	2200B ~ 2203B							RTS88BFI
D210A ~ D213A	CRL8900A		2210A ~ 2213A							
D210B ~ D213B	CRL6900	USE 20101M (17-20)	2210B ~ 2213B							RTS88BFE
D210S ~ D213S	CRL8900S		2210S ~ 2213S							
D210GE ~ D213GE	CRL8900GE		2210GE ~ 221GE							
D220B ~ D223B	CRL7000	2010M (05-08)	1100B ~ 2200B	TC7020 ~ TC7023	USE OHC101	S30	402	32	608-LAP	RTS88
D230A ~ D233A	CRL8100A	21101AE (01-04)	2230A ~ 2233A							
D230B ~ D233B	CRL7100	2010M (01-04)	2230 ~ 2233	TC7030 ~ TC7033	USE OHC100	S30	403	32	608-LAP	RTS88-SZ3
D230S ~ D233S	CRL8100S		2230S ~ 2233S							
D230GE ~ D233GE	CRL8100GE	21101GE	2230GE ~ 2233GE							
D240B ~ D243B	CRL7200	20104M (09-12)	2240-2243	TC7040 ~ TC7043	USE OHC100	S30	404	32	608-LAP	RTS88-SZ4

CAUTION: Closers listed may represent a series. The exact model may include size or function designation

D200-SA SERIES Cross Reference Chart				
IDC	CRL	Jackson	Calibre	Rixson
D230SA-D233SA	CRL9100	20104M (01-04)	1100-20B ~ 2200-20B	608EXT-LAP
D240SA-D243SA	CRL9200	20104M (01-04)	1140-20B ~ 2240-20B	

CAUTION: Closers listed may represent a series. The exact model may include size or function designation

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Parts Comparison Chart									
IDC	CRL	Jackson	Calibre	Global	Dor-O-Matic	Sentinel	Taco	Rixson	Dorma
3010-FS	CRL89010FS	20219	CA3010-FS	CLIP	OHC100-FB		MC-32-FS	608019	
3010-FA	CRL8010FA		CA3010-FA				MC-32-FA		
3010-FK	CRL8010FK		CA3010-FK						
3010-S	CRL8010S	20400B	CA3010-S	SLA	OHC100-SL	SLA	A-32-S	608005S	8831
3010-A	CRL8010A	202000	CA3010-A	ELA	OHC100-EL	ELA	A-32-A		8835
3010-PT	CRL8010PT	202010	CA3010-PT				A-32-PT		8836
3010-K	CRL8010K	202085	CA3010-K	KRM		K-ELA	A-32-K		8837
3010-SA	CRL8010AS		CA3010-A-MOD						8836S
3010-JO	CRL8010JO	20900	CA3010-JO	OFFSET ARM			A-32-JO		8812
3010-VO	CRL8020VO	20900	CA3010-VO		OHC100-VO				
3010-DP	CRL8010DP	201680	CA3010-DP	OHC-PIVOT	OHC100-DP		P-32-DP	608011A	
3010-G	CRL8010G	20902	CA3010-G				P-32-G		
3010-GE	CRL8010GE	20944	CA3010-GE	GE-PIVOT	OHC100-GE		P-32-GE		

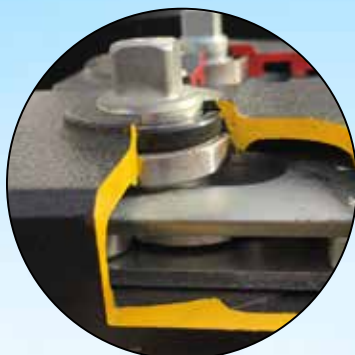
CAUTION: Closers listed may represent a series. The exact model may include size or function designation

D300 SERIES Cross Reference Chart						
IDC	CRL	Jackson	Calibre	AHT	Global	Dor-O-Matic
D310A-D313A	CRL8700A	21101AE (17-20)	3210A ~ 3213A			
D310B-D313B	CRL6700		3301B ~ 3303B	AHT50B5		
D310S-D313S	CRL8700S		3210S ~ 3213S	AHT50S	TC7010ADA	OHC101
D310GE-D313GE	CRL8700GE	21101GE (17-20)	3210GE ~ 3213GE			

CAUTION: Closers listed may represent a series. The exact model may include size or function designation

D500 SERIES Cross Reference Chart	
IDC	Jackson
D500B	20111M (05-08)
	20111M (01-04)
	20111M (09-12)

CAUTION: Closers listed may represent a series. The exact model may include size or function designation



- Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.



D300 Series





44CI Series Adjustable Surface Closer - Grade 1

Features

- Application for HIGH TRAFFIC Doors
- Cast Iron Body; Forged Steel Arm
- Double Heat Treated Steel Pinion
- All Weather Fluid
- Non-Handed
- Non-Sized Adjustable 1 Through 6; Standard with Back Check
- Universal Application for Regular Arm, Top Jamb, or Parallel Arm Mounting
- Standard Plastic Cover - Non Handed
- Hold-open arms are adjustable for holding from 85° to 180°.

Option Available

- Heavy Duty Arm (EDA)
- Hold-Open arm
- Stop Only Arm
- Friction Hold Open Arm

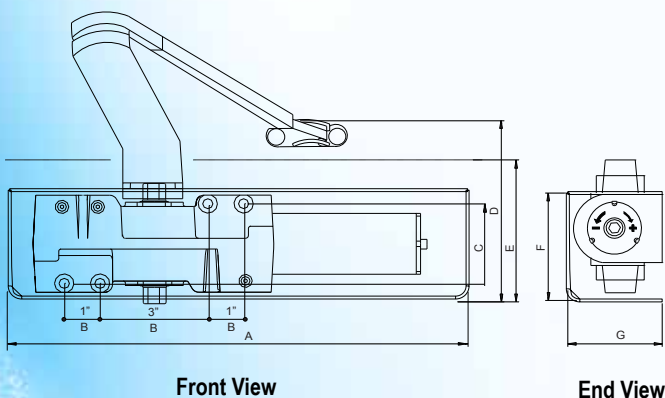


Finishes

- AL - Aluminum
- DU - Storefront Bronze

Technical Dimensions

Description	Dimensions
A. Length of Closer Body (With Cover)	12-1/4"
B. Horizontal Mounting Holes	SEE DRAWING
C. Vertical Mounting Holes	2-1/4"
D. Overall Height	4-7/8"
E. Top of Door to Bottom of Closer	3-11/16"
F. Closer Body Height	3-1/2"
G. Projection from Door	2-1/4"



44CI Series Comparison Footprint Chart (5" x 2-1/4")

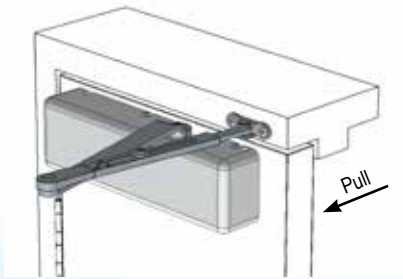
Advantage 8000	Arrow DC500	C.R. Laurance PR90	Cal Royal CR441	Calibre 4001
Cooper Creek/Bulldog CL8844	Deltana DC40	Design Hardware 416	EZ-Set DO 4	General Lock C9000
Global (Imperial USA) TC4300	Hager 5100	Harney Hardware DC8400	Independace 2 4040	Inox/Unison Hardware DC90
Lawrence Hardware LH8016	LCN 4040XP, 4041	LSDA DC6816	Marshall Best QDC-40	MaxGrade MDC100
Norton 410, 9540	Pamex GC4400	PDQ 7100	PLS DC1916	S. Parker 441BC
Seco-Larm SD-C101-SBBQ	Sentinel 4016	Stanley/K2 QDC100	Taymor 4000	Tell 900
Townsteel TDC40	Yale 5800			

West: 800-544-4422 • East: 800-225-6737

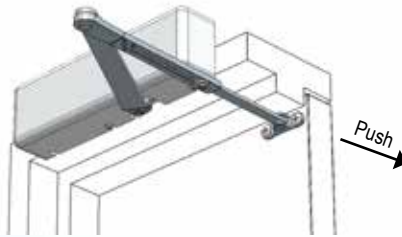
44CI Series

Surface Closer Installation Types - Grade 1

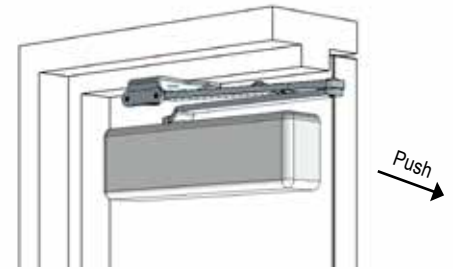
West: 800-544-4422 • East: 800-225-6737












Regular Arm (Pull Side)
Permits 120° maximum opening



Top Jamb (Push Side)
Permits 120° maximum opening



Parallel Arm (Push Side)
Permits 180° maximum opening

Parts & Accessories		Part No.
	Plastic Dress Cover	DC-44
	Complete Arm Assembly	44-2021
	Cushion - Hold-open arm - Mechanical Turn Type	44-2022
	Cushion Stop Arm	44-2023
	Friction Hold Open Arm	44-2024
	Heavy Duty Arm (EDA)	44-2026
	Parallel Bracket	425
	Drop Plate for Pull Side installation when top Door Rail is less than 3-3/4". Requires a 2" minimum height Door Rail.	44-18
	Drop Plate for Top Jamb installation when ceiling is flush to top of Header. Requires a minimum 1-3/4" header height.	44-18G
	Drop Plate for Top Jamb installation on Door Headers less than 3-1/2" in height.	44-18J
	Drop Plate for Parallel Arm installation on Door Rails less than 5-1/2" (measured down from the door stop). Requires a 2" minimum height Door Rail.	44-18PA

Specify FINISH:

- AL - Aluminum
- DU - Storefront Bronze





850 Series • 880 Series Standard & Adjustable Back-Check

Features

- Series 880 has adjustable Back-Check function controlled by a separate regulating valve, adjustable after installation.
- Range of sizes:
 - **Standard: 851, 852, 853, 854 and 855**
 - **Back-Check: 883, 884 and 885**
- Two Adjustment Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation.
- Non-handed for standard, top jamb or parallel arm installation.
- Available with regular, hold-open or fusible link hold open arms.
- Regular arms are equipped with a 15% (+)(-) 7½% power adjustment bracket.
- Hold-open arms are adjustable for holding from 90° to 180°.
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing assures the highest quality.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Narrow design permits installation on most modern glass and aluminum doors without adapters.



• 850 & 880 Series Closing and Latching Adjustment Valves



• 880 Series Back-Check Adjustment Valve

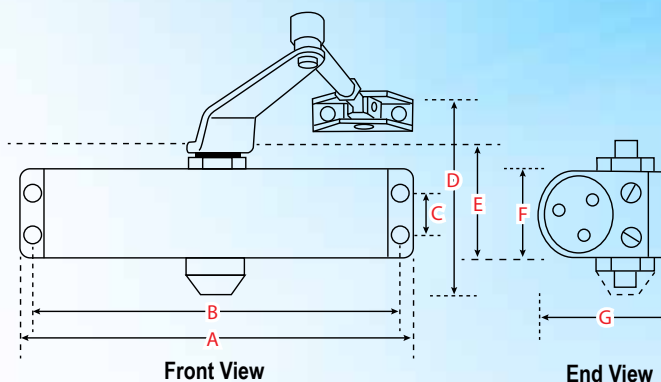
Finishes

- AL - Aluminum
- DU - Storefront Bronze



Technical Dimensions

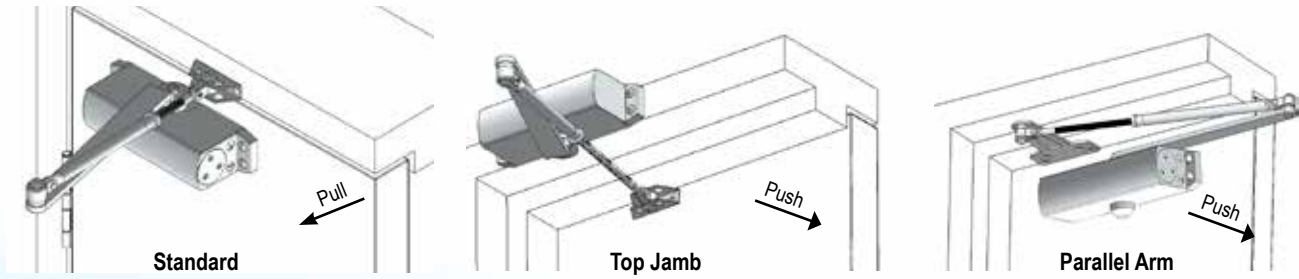
Description	Dimensions			
	1	2	3	4
A. Length of Closer Body (With Cover)	7 1/8"	8 1/16"	8 7/8"	9 3/4"
B. Horizontal Mounting Holes	6 1/2"	7 3/8"	8 3/16"	9 1/16"
C. Vertical Mounting Holes	3/4"	3/4"	3/4"	3/4"
D. Overall Height	4 1/16"	4 3/4"	4 3/4"	4 3/4"
E. Top of Door to Bottom of Closer	1 15/16"	2 1/4"	2 1/4"	2 1/4"
F. Closer Body Height	1 5/8"	1 3/4"	1 3/4"	1 3/4"
G. Projection from Door	2 9/16"	3"	3"	3"



850 Series • 880 Series

Standard & Adjustable Back-Check

West: 800-544-4422 • East: 800-225-6737



850 & 880 Series						
	Interior Door Size	Exterior Door Size		Model Number		Type
		Swing Out	Swing In	Standard	Back-Check	
<p>NOTE: Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require the next larger model closer than the schedule.</p> <p>Specify: Closer Model or Part Number</p> <p>Specify FINISH: AL - Aluminum DU - Storefront Bronze</p>	32"	28"	24"	851	—	Regular Arm
	28"	24"	—	851-P	—	Parallel Arm
	36"	32"	28"	852	—	Regular Arm
	32"	28"	24"	852-P	—	Parallel Arm
	36"	32"	28"	1852	—	Hold-Open Arm
	32"	28"	24"	1852-P	—	Parallel Hold-Open Arm
	42"	36"	32"	853	883	Regular Arm
	36"	32"	28"	853-P	883-P	Parallel Arm
	42"	36"	32"	1853	1883	Hold-Open Arm
	36"	32"	28"	1853-P	1883-P	Parallel Hold-Open Arm
	48"	42"	36"	854	884	Regular Arm
	42"	36"	32"	854-P	884-P	Parallel Arm
	48"	42"	36"	1854	1884	Hold-Open Arm
	42"	36"	32"	1854-P	1884-P	Parallel Hold-Open Arm
	54"	48"	42"	855	885	Regular Arm
	48"	42"	36"	855-P	885-P	Parallel Arm
	54"	48"	42"	1855	1885	Hold-Open Arm
	48"	42"	36"	1855-P	1885-P	Parallel Hold-Open Arm

Parts & Accessories		Size	1	2	3	4 & 5
	Main Arm	Part #	510	520	520	520
	Regular Forearm	Part #	511	521	521	521
	Hold-Open Forearm	Part #	None	522	522	522
	Parallel Bracket for Regular Arm	Part #	515	525	525	525
	Flat Drop Bracket	Part #	None	527	537	547
	Top Jamb Bracket	Part #	None	None	TJB-53	TJB-54
	Dress Cover	Part #	None	None	DC-8000	DC-8000
	Thru Bolt & Grommet Nut (Set of 4 each)	Part #	TBGN-50	TBGN-50	TBGN-50	TBGN-50





1800 Series Adjustable Surface Closer - Grade 1 Fire Rated - Handicap

Features

- Narrow design permits installation on most glass and aluminum doors without adapters
- Standard application for regular arm and Top Jamb installation; parallel arm installation
- Two Adjustment Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation. (Three valves with optional back-check)
- Ranges of Sizes
 - **Standard: 1803, 1804, and 1805**
 - **Back-Check: 1803-BC, 1804-BC, and 1805-BC**



• Closing and Latching Adjustment Valves



• 1803-BC, 1804-BC and 1805-BC Series Back-Check Adjustment Valve

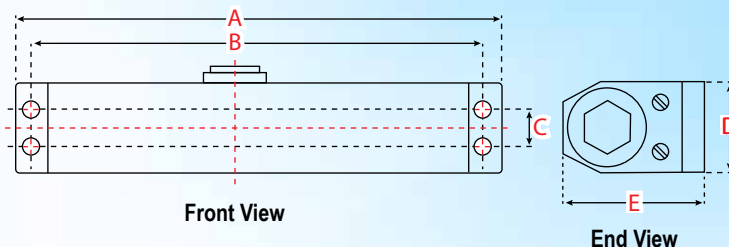
Finishes

- AL - Aluminum
- DU - Storefront Bronze

Option Available

- Slim or Full Plastic Cover
- Hold-Open Arm
- Drop Plates
- Sex Nuts and Bolts

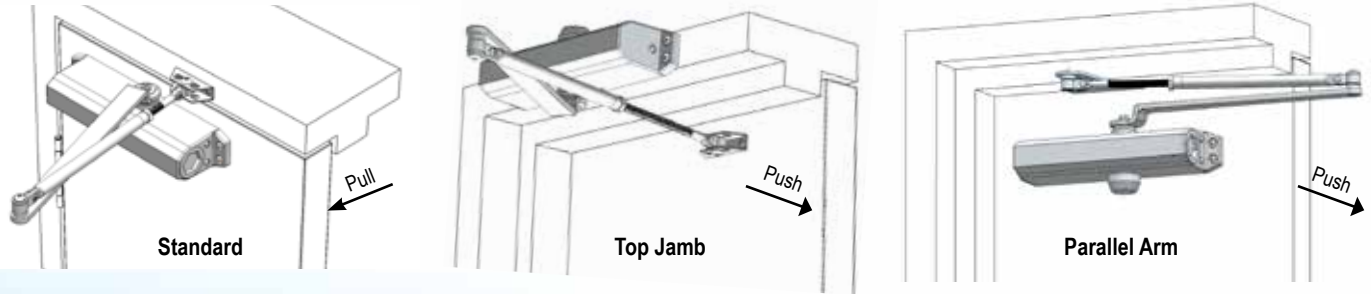
Technical Dimensions	
Description	Dimensions
	9-3/4"
A. Length of Closer Body	9-1/16"
B. Horizontal Mounting Holes	3/4"
C. Vertical Mounting Holes	1-31/32"
D. Closer Body Height	2-29/32"
E. Projection from Door	1 15/16"



1800 Series

West: 800-544-4422 • East: 800-225-6737

Adjustable Surface Closer - Grade 1 - Fire Rated - Handicap



1800 Series

NOTE:
Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.

Specify:
Closer Model or Part Number

Specify FINISH:
AI - Aluminum
DU - Storefront Bronze

Closer Size	Regular & Top Jamb			Parallel Arm			Applicable Door Weight Lbs (Kg)	
	Maximum Size of Door							
	Interior	Exterior In-swing	Exterior Out-swing	Interior	Exterior Out-swinging			
1	28" (0.71m)			1			33-66 (15-30)	
2	36" (0.91m)			2	30" (0.76m)		66-99 (30-45)	
3	42" (1.07m)	30" (0.76m)	36" (0.91m)	3	36" (0.91m)	30" (0.76m)	99-143 (45-65)	
4	48" (1.22m)	36" (0.91m)	42" (1.07m)	4	42" (1.07m)	36" (0.91m)	143-187 (65-85)	
5	54" (1.37m)	42" (1.07m)	48" (1.22m)	5	48" (1.22m)	42" (1.07m)	178-264 (85-120)	
6	60" (1.52m)	48" (1.22m)	54" (1.37m)	6	54" (1.37m)	48" (1.22m)	264-330 (120-150)	

Parts & Accessories		Part No.
Parts	Description	Part #
	Main Arm	520
	Regular Forearm	521
	Hold-Open Forearm	522
	Parallel Bracket for Regular Arm	525
	Flat Drop Bracket	547
	Dress Cover	DC-8000
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50
	Sex Nuts & Bolts	18-SN





5000-TP Series Adjustable Surface Closer - Grade 1 - Handicap

Features

- ADA (Handicap) multi-sized closer with adjustable spring power for a range of sizes 1-6. Adjustable back check and delay action, adjustable after installation.
- Two Speed Control Valves: Closing and latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal application. Non-handed for standard, top jamb or parallel arm installation.
- Furnished with dress cover and PA bracket.
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Optional, hold-open arms.
- Hold-open arms are adjustable for holding from 90° to 180°



• Spring Power Adjustment



• Latching and Sweep Adjustment Valves

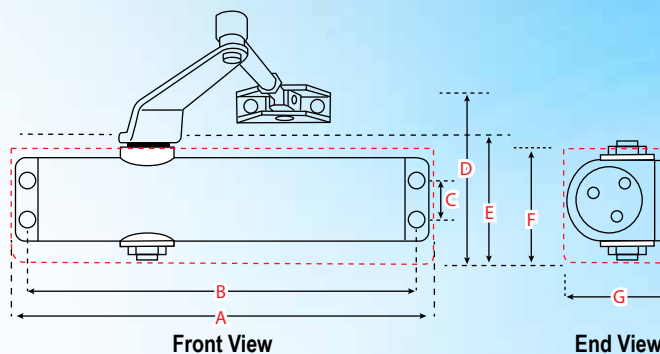


• Back-Check and Delay Adjustment Valve

Finishes

- AL - Aluminum
- DU - Storefront Bronze

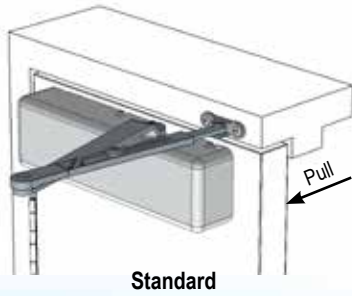
Technical Dimensions		
Description	With Dress Cover	No Dress Cover
A. Length of Closer Body	13"	12 11/16"
B. Horizontal Mounting Holes	12"	12"
C. Vertical Mounting Holes	3/4"	3/4"
D. Overall Height	5 1/8"	5 1/16"
E. Top of Door to Bottom of Closer	3 1/2"	3 7/16"
F. Closer Body Height	3"	2 7/8"
G. Projection from Door	2 5/16"	2 3/16"



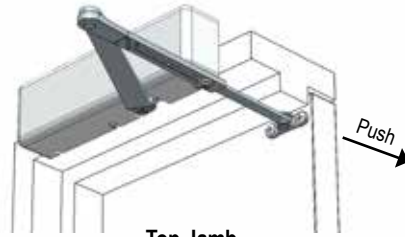
5000-TP Series

Adjustable Surface Closer - Grade 1 - Handicap

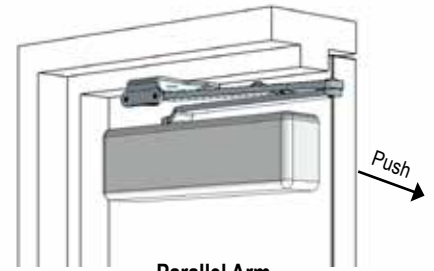
West: 800-544-4422 • East: 800-225-6737



Standard



Top Jamb



Parallel Arm

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

5000-TP Series

NOTE:

Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.

Specify:







Closer Model or Part Number

Specify FINISH:

AI-Aluminum

DU -Storefront Bronze

Style	Model Number	Type
With Dress Cover	5001-TP	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm

Parts & Accessories		Part No.
	Complete Arm Assembly	501
	Hold-Open Forearm	522
	Parallel Bracket for Regular Arm	525
	Dress Cover	DC-5000
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50
	Sex Nuts & Bolts	18-SN





8000-TP Series Adjustable Surface Closer - Grade 1 Fire Rated - Handicap

Features

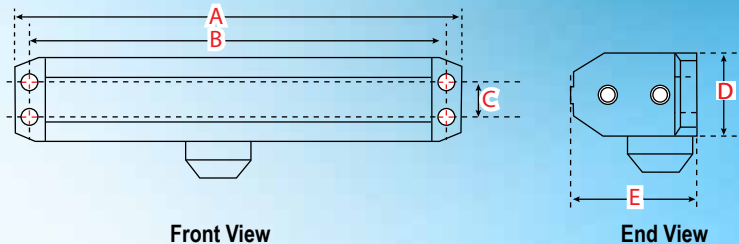
- Model **8051-TP** Standard with Sweep, Latching, and Back-Check
- Model **8052-TP** Standard with Sweep, Latching, and Delayed Action
- Adjustable Spring Power Size 1 through 6
- Cast Aluminum body; forged steel arm
- Tri-packed for regular arm, top jamb and parallel arm application
- Hold-open arms are adjustable for holding from 90° to 180°

Finishes

- AL - Aluminum
- DU - Storefront Bronze

Options Available

- Drop Plate, Hold Open Arm
- Replacement for Norton 1600 or 1601



Front View

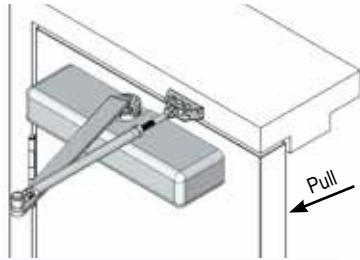
End View

Technical Dimensions	
Description	Dimensions
A. Length of Closer Body	9-3/4" (248 mm)
B. Horizontal Mounting Holes	9-1/16" (230 mm)
C. Vertical Mounting Holes	3/4" (19 mm)
D. Closer Body Height	1-13/16" (46 mm)
E. Projection from Door	2-3/4" (70 mm)

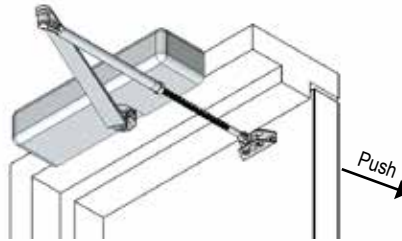
8000-TP Series

Adjustable Surface Closer - Grade 1 - Fire Rated - Handicap

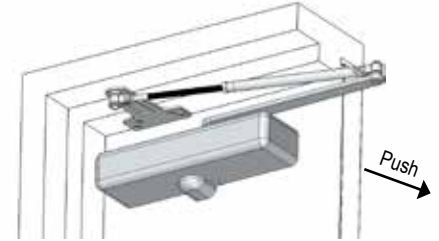
West: 800-544-4422 • East: 800-225-6737



Standard



Top Jamb



Parallel Arm

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

8000-TP Series		
Model Number		Size
Tri-packed; With Back-Check	Tri-packed; With Delayed Action	
8051-TP	8052-TP	1-6

Regular & Top Jamb				Parallel Arm			Applicable Door Weight Lbs (Kg)
Maximum Size of Door							
Closer Size	Interior	Exterior In-swing	Exterior Out-swing	Closer Size	Interior	Exterior Out-swing	
1	28" (0.71m)			1			33-66 (15-30)
2	36" (0.91m)			2	30" (0.76m)		66-99 (30-45)
3	42" (1.07m)	30" (0.76m)	36" (0.91m)	3	36" (0.91m)	30" (0.76m)	99-143 (45-65)
4	48" (1.22m)	36" (0.91m)	42" (1.07m)	4	42" (1.07m)	36" (0.91m)	143-187 (65-85)
5	54" (1.37m)	42" (1.07m)	48" (1.22m)	5	48" (1.22m)	42" (1.07m)	178-264 (85-120)
6	60" (1.52m)	48" (1.22m)	54" (1.37m)	6	54" (1.37m)	48" (1.22m)	264-330 (120-150)

Parts & Accessories		Part No.	
	Main Arm	520	<p>NOTE: Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.</p> <p>Specify: Closer Model or Part Number</p> <p>Specify FINISH: Al-Aluminum DU -Storefront Bronze</p>
	Regular Forearm	521	
	Hold-Open Forearm	522	
	Parallel Bracket for Regular Arm	525	
	Flat Drop Bracket for Closers - With Dress Cover	547	
	Flat Top Jamb Bracket	TJB-54	
	Dress Cover	DC-8000	
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50	
	Sex Nuts & Bolts	18-SN	





9000-TP Series

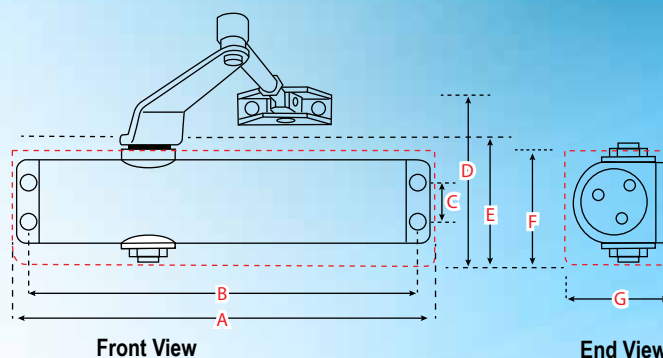
Adjustable Surface Closer - Grade 1 Fire Rated - ADA Handicap



• Adjustment Valves

Features

- ANSI A 156.4 Grade 1 Certified
- Model **9001-TP**: Adjustable spring power (1-6) Opening Force with adjustable back check and delayed action controlled by a separate regulating valve.
- Model **9003-TP**: Interior ADA applications tri-packed with parallel bracket & dress cover. Barrier Free Adjustable Spring Power (1-4)
- ADA (Handicap) multi-sized closer with adjustable Spring Power for a range of sizes adjustable after installation.
- Two Speed Control Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal Application: Non handed for standard, top jamb or parallel arm installation (parallel arm bracket included).
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing.
- Furnished with a high impact molded PVC Dress Cover (door closer body casting is finished for use without the dress cover).
- Optional hold-open arms available.
- Hold-open arms are adjustable for holding from 90° to 180°



Finishes

- AL - Aluminum
- DU - Storefront Bronze

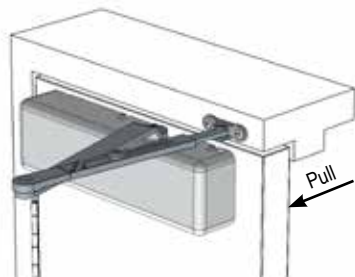
Technical Dimensions

Description	No Dress Cover 9001-TP
A. Length of Closer Body	11 ⁷ / ₈ "
B. Horizontal Mounting Holes	11 ¹ / ₈ "
C. Vertical Mounting Holes	³ / ₄ "
D. Closer Body Height	4 ⁹ / ₁₆ "
E. Projection from Door	3 ⁵ / ₁₆ "
E. Projection from Door	2 ¹³ / ₁₆ "
E. Projection from Door	2 ⁹ / ₁₆ "

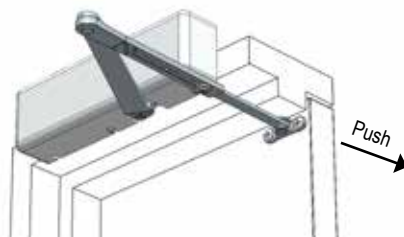
9000-TP Series

West: 800-544-4422 • East: 800-225-6737

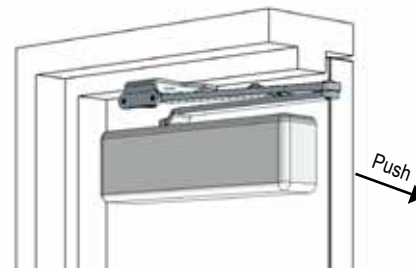
Adjustable Surface Closer - Grade 1 - Fire Rated - ADA Handicap



Standard











Top Jamb



Parallel Arm

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

9000-TP Series	
Model Number	Type
Back-Check / Delayed Action	
9001-TP	Regular Arm

Parts & Accessories		Part No.
	Complete Arm Assembly	901
	Hold-Open Forearm	522
	Top Jamb Forearm Extender	514
	Parallel Bracket for Regular Arm	525
	Flat Drop Bracket	9007
	Top Jamb Bracket	TJB-9000
	Thru Bolt & Grommet Nut (Set of 4)	TBGN-50
	Sex Nuts & Bolts	18-SN

Comparison Chart 9000 Series									
International® Series 9000	Norton 8500	Yale 3000	Dorma 6600 & 7600	Dor-O- Matic/LCN SC80 1460	Global TC400 TC500	Cal Royal 900	Sargent 1230 1430	Jackson 600	Parker 900





44CI SERIES COMPARISON FOOTPRINT CHART (5" X 2-1/4")

Advantage 8000	Arrow DC500	C.R. Laurance PR90	Cal Royal CR441	Calibre 4001	Cooper Creek/Bulldog CL8844
Deltana DC40	Design Hardware 416	EZ-Set DO 4	General Lock C9000	Global (Imperial USA) TC4300	Hager 5100
Harney Hardware DC8400	Independace2 4040	Inox/Unison Hardware DC90	Lawrence Hardware LH8016	LCN 4040XP, 4041	LSDA DC6816
Marshall Best QDC-40	MaxGrade MDC100	Norton 410, 9540	Pamex GC4400	PDQ 7100	PLS DC1916
S. Parker 441BC	Seco-Larm SD-C101-SBBQ	Sentinel 4016	Stanley/K2 QDC100	Taymor 4000	Tell 900
Townsteel TDC40	Yale 5800				

854, 855, 884, 885 SERIES COMPARISON FOOTPRINT CHART (9-1/16" X 3/4")

Advantage 4000-5000	Arrow 900N, DC300	C.R. Laurance DC54, DC55, PR40, PR80	Cal Royal 300, 500, 740, 750	Calibre 6504, 6505, 6804, 6805, 8001, 8002, 8003, 8854, 8855, 8884, 8885	Cooper Creek/Bulldog CL8400
Corbin Russwin DC4600	Deltana DC10	Design Hardware 116	Dexter Commercial DCL2000, DCR8000	Dorma 7200, 7300, U1500	Dorex 754, 755, 1700, 5400
EZ-Set DO 1, DO 74, DO 75, DO 513, DO 536	Falcon/Dor-O- Matic SC60, SC93, SC94	General Lock C3004, C3005, C5000	Global (Imperial USA) TC200	Hager 5300, 5400	Harney Hardware DC8900
Independace2 2014	Inox/Unison Hardware DC61	Lawrence Hardware LH5016	LCN 1250, 1260	LSDA DC84, DC724, DC914, DC925, DC6124	Marshall Best QDC-54, QDC-90
MaxGrade MDC300	Norton 160, 1600, 9300BC	Pamex GC8700	PDQ 3100	PLS DC230, DC330, DC340, DC1614, DC1636	Progressive K740
S. Parker 815BC, 950	Sargent 1131	Sargent-Bradford B81, B82502	Seco-Larm SD-C101-SGQ	Sentinel 5000	Stanley/K2 D1610, QDC300
Taymor 604, 694	Tell 500, 600	Townsteel TDC54, TDC90	Yale 50, 1100 (Discontinued), 2300 (Discontinued)		

853, 883 SERIES COMPARISON FOOTPRINT CHART (8-3/16" X 3/4")

Advantage 3000	C.R. Laurance DC52, DC53	Cal Royal 720730	Calibre 6502, 6503, 8853, 8883	Dorex 752, 753	EZ-Set DO 502, DO 503, DO 504	General Lock C3003
Global (Imperial USA) TC2203	Lawrence Hardware LH503, LH534	Marshall Best QDC-53	Progressive K730	Sargent-Bradford B82302	Sentinel 5003	Townsteel TDC53

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1800 SERIES COMPARISON FOOTPRINT CHART (9-1/6" X 3/4")							
Advantage 4000-5000	Arrow 900N, DC300	C.R. Laurance DC54, DC55, PR40, PR80	Cal Royal 300, 500, 740, 750	Calibre 6504, 6505, 6804, 6805, 8001, 8002, 8003, 8854, 8855, 8884, 8885	Cooper Creek/ Bulldog CL8400	Corbin Russwin DC4600	Deltana DC10
Design Hardware 116	Dexter Commercial DCL2000, DCR8000	Dorma 7200, 7300, U1500	Dorex 754, 755, 1700, 5400	EZ-Set DO 1, DO 74, DO 75, DO 513, DO 536	Falcon/Dor-O-Matic SC60, SC93, SC94	General Lock C3004, C3005, C5000	Global (Imperial USA) TC200
Hager 5300, 5400	Harney Hardware DC8900	Independace2 2014	Inox/Unison Hardware DC61	Lawrence Hardware LH5016	LCN 1250, 1260	LSDA DC84, DC724, DC914, DC925, DC6124	Marshall Best QDC-54, QDC-90
MaxGrade MDC300	Norton 160, 1600, 9300BC	Pamex GC8700	PDQ 3100	PLS DC230, DC330, DC340, DC1614, DC1636	Progressive K740	S. Parker 815BC, 950	Sargent 1131
Sargent-Bradford B81, B82502	Seco-Larm SD-C101-SGQ	Sentinel 5000	Stanley/K2 D1610, QDC300	Taymor 604, 694	Tell 500, 600	Townsteel TDC54, TDC90	Yale 50, 1100 (Discontinued), 2300 (Discontinued)

5000-TP SERIES COMPARISON FOOTPRINT CHART (12" X 3/4")							
Advantage 6000	Arrow 5016N	Cal Royal CR801	Calibre 5501, 5502, 5503	Design Hardware 316, 316R	Dexter Commercial DCM1000	Dorma 8600	EZ-Set DO 2
Falcon/Dor-O-Matic SC80	General Lock C7000	Global (Imperial USA) TC400, TC500	Hager 5200	Harney Hardware DC8300	Inox/Unison Hardware DC85	Lawrence Hardware LH816	LCN 1450
LSDA DC6716	Marshall Best QDC-85	MaxGrade MDC200	Norton 210, 8000	Pamex GC6800	PDQ 5300, 5500	PLS DC1816	Sargent 1313
Seco-Larm SD-C101-SBAQ	Sentinel 9016	Stanley/K2 QDC200	Tell 800	Townsteel TDC85	Yale 2500 (Discontinued), 2700, 3000		

8000-TP Series Comparison Footprint Chart (9-1/6" x 3/4")							
Advantage 4000-5000	Arrow 900N, DC300	C.R. Laur- ance DC54, DC55, PR40, PR80	Cal Royal 300, 500, 740, 750	Calibre 6504, 6505, 6804, 6805, 8001, 8002, 8003, 8854, 8855, 8884, 8885	Cooper Creek/Bulldog CL8400	Corbin Russwin DC4600	Deltana DC10
Design Hardware 116	Dexter Commercial DCL2000, DCR8000	Dorma 7200, 7300, U1500	Dorex 754, 755, 1700, 5400	EZ-Set DO 1, DO 74, DO 75, DO 513, DO 536	Falcon/Dor-O-- Matic SC60, SC93, SC94	General Lock C3004, C3005, C5000	Global (Imperial USA) TC200
Hager 5300, 5400	Harney Hardware DC8900	Independace2 2014	Inox/Unison Hardware DC61	Lawrence Hardware LH5016	LCN 1250, 1260	LSDA DC84, DC724, DC914, DC925, DC6124	Marshall Best QDC-54, QDC-90
MaxGrade MDC300	Norton 160, 1600, 9300BC	Pamex GC8700	PDQ 3100	PLS DC230, DC330, DC340, DC1614, DC1636	Progressive K740	S. Parker 815BC, 950	Sargent 1131
Sargent-Bradford B81, B82502	Seco-Larm SD-C101-SGQ	Sentinel 5000	Stanley/K2 D1610, QDC300	Taymor 604, 694	Tell 500, 600	Townsteel TDC54, TDC90	Yale 50, 1100 (Discontinued), 2300 (Discontinued)

9001-TP Series Comparison Footprint Chart (11-1/8" x 3/4")		
Cooper Creek/Bulldog CL8600	Taymor 1900	CRL 900



www.intldoorclosers.com



West Coast Office

International Door Closers, Inc.
4431 E. La Palma, Anaheim, CA 92807
Tel: (714) 666-0390 • (800) 544-4422
Fax: (714) 666-2215

East Coast Office

International Door Closers, Inc.
1920 Air Lane Drive, Nashville, TN 37210
Tel: (615) 885-7060 • (800) 225-6737
Fax: (615) 885-0903

