

Imperial TC2201ADA PA Grade 1 Door Closer

The TC200 Series Door Closer is recommended for use on aluminum storefront, wooden or hollow metal commercial doors and is best suited for doors weighing up to 255 lbs. This door hardware comes with adjustable spring tension sizes 1 through 4 and is ADA compliant.



Grade 3 Certified.

Complies with ADA handicap codes and ANSI/BHMA standard requirements.

Offers adjustable spring power sizes #1- 4 for use on interior doors requiring less than 5 lbs. of opening force and exterior doors requiring less than 8.5 lbs.

Retrofit most full size closers with a 9 1/16" industry standard hole pattern to update any opening for code compliance.

UL listed compliant UL10C for positive pressure.

Aluminum alloy body.

Non-handed- reversible.

Two independent valves control sweep and latch closing speeds - backcheck optional.

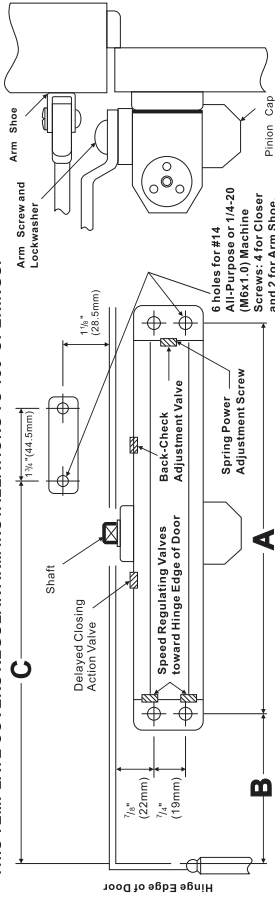
Packed standard for regular & top jamb mounting.

Supplied with both wood and machine screws.

Finish: AL- Aluminum, DU- Durotonic.

STANDARD INSTALLATION CLOSER MOUNTED ON DOOR ON PULL SIDE

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENINGS.

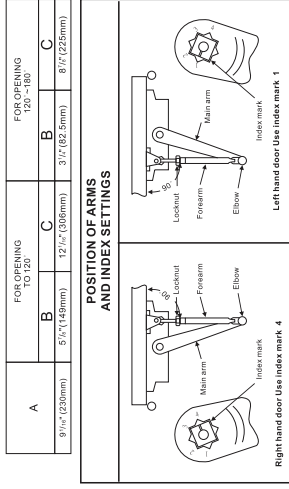


SPRING TENSION-Door size Chart

8051 & 8054		
MAXIMUM DOOR WIDTH		
FULL TURNS OF SPRING ADJUSTMENT SCREW	INTERIOR DOOR SIZE	EXTERIOR DOOR SIZE
1	36" (914mm)	42" (1067mm)
3	42" (1067mm)	48" (1219mm)
6	48" (1219mm)	54" (1372mm)
11	54" (1372mm)	60" (1524mm)
17	60" (1524mm)	66" (1676mm)

8052 & 8053		
MAXIMUM DOOR WIDTH		
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RIGHT HAND DOOR ILLUSTRATED. Same dimensions apply for Left Hand Door measured from hinge edge.



POSITION OF ARMS AND INDEX SETTINGS

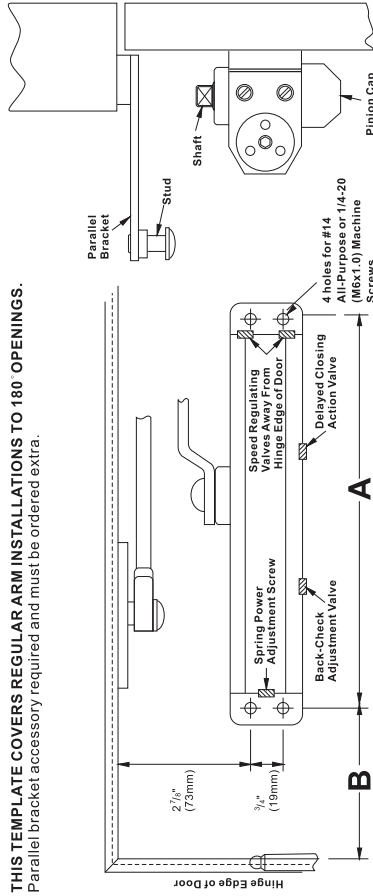
Right hand door use index mark 4

Left hand door use index mark 1

DOOR CLOSER

PARALLEL ARM INSTALLATION CLOSER MOUNTED ON DOOR ON PUSH SIDE

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENINGS. Parallel bracket accessory required and must be ordered extra.



SPRING TENSION-Door size Chart

8051-P & 8054-P		
MAXIMUM DOOR WIDTH		
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LEFT HAND DOOR ILLUSTRATED. Same dimensions apply for Right Hand Door measured from hinge edge.



POSITION OF ARMS AND INDEX SETTINGS

Left hand door use index mark 2

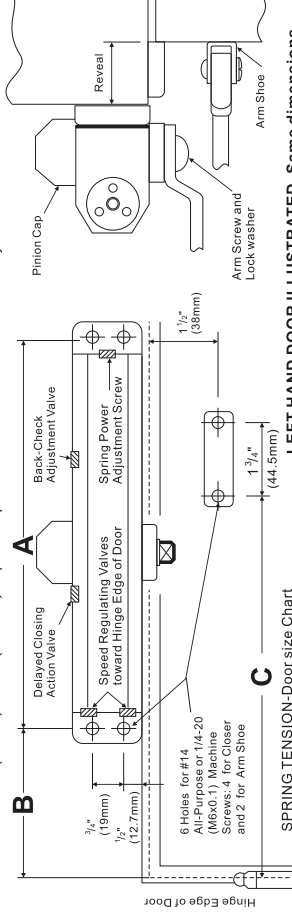
Right hand door use index mark 3

ILLUSTRATION 'A'

TOP JAMB INSTALLATION CLOSER MOUNTED TOP JAMB ON PUSH SIDE OF DOOR

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Reveals of 2 3/4" (70mm) to 5 1/2" (140mm) require "Top Jamb" Forearm Extender Accessory and must be ordered extra.

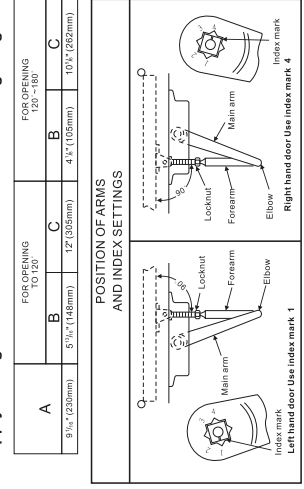


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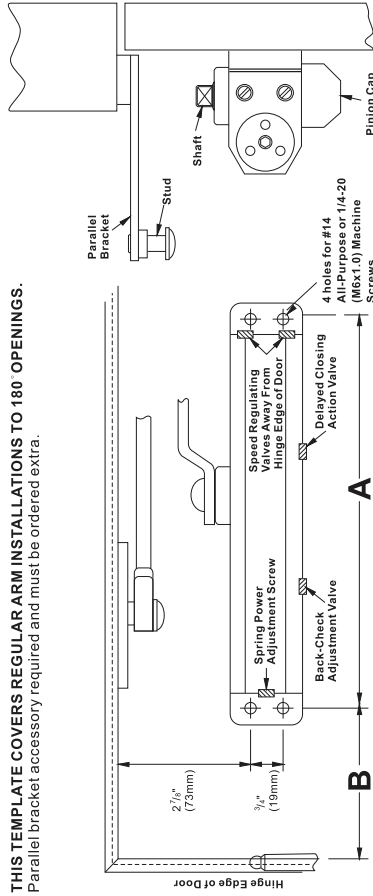
POSITION OF ARMS AND INDEX SETTINGS

Left hand door use index mark 1

Right hand door use index mark 4

PARALLEL ARM INSTALLATION CLOSER MOUNTED ON DOOR ON PUSH SIDE

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENINGS. Parallel bracket accessory required and must be ordered extra.



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LEFT HAND DOOR ILLUSTRATED. Same dimensions apply for Right Hand Door measured from hinge edge.



POSITION OF ARMS AND INDEX SETTINGS

Left hand door use index mark 2

Right hand door use index mark 3

ILLUSTRATION 'B'

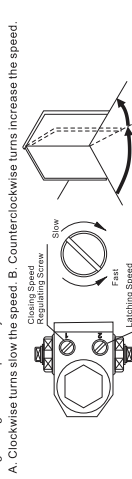
- Select degree of opening and use dimensions shown in above template to mark four holes on door for closer and four holes on frame for parallel bracket.
- Drill pilot holes in door and frame for #14 wood screws or drill and tap for 1/4-20 (MEX1.0) machine screws.
- Mount closer on door WITH SPEED REGULATING SCREW AWAY FROM HINGE EDGE.
- Attach parallel bracket to door stop as illustrated.
- Using a wrench on the square shaft on bottom of closer, rotate shaft approximately 45° toward hinge edge of door. Hold and place main arm on shaft on top of closer at proper index mark as illustrated. FOR LEFT HAND DOOR No. 3 (illustration "A") FOR RIGHT HAND DOOR No. 2 (illustration "B"). Tighten arm screw with lockwasher securely.
- Remove the arm shoe from the forearm (arm shoe is not used in this application) and place forearm on parallel bracket stud and tighten screw securely.
- Adjust length of forearm so when it is attached to main arm, the main arm will be slightly away from parallel with closed door, and assemble at elbow then tighten locknut.

ADJUSTMENT INSTRUCTIONS

CLOSING POWER—As per "Spring Tension Chart" select the correct number of turns for spring adjustment nut that corresponds with the installation. Using 5/32" (4mm) allen key, turn adjustment nut full 360° clockwise turns to desired setting.

SPEED—Door closing and latching speeds are controlled by #1, #2, speed regulating screw separately.

A. Clockwise turns slow the speed. B. Counterclockwise turns increase the speed.

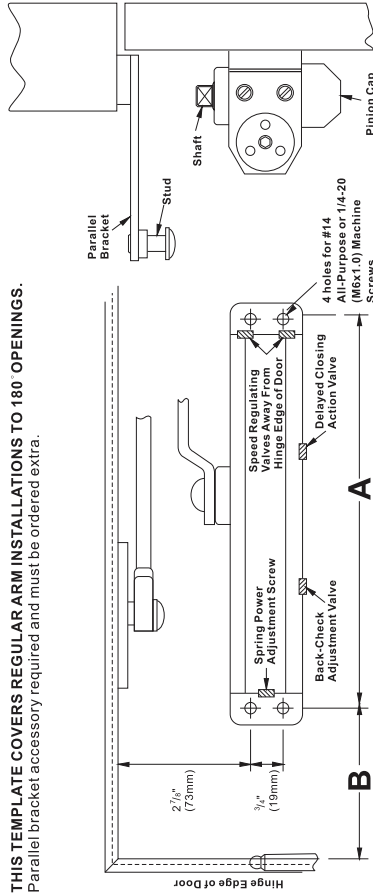


BACK-CHECK ADJUSTMENT—is controlled by the adjust valve. BACK-CHECK is now set for soft action. To INCREASE Back-check action turn valve COUNTERCLOCKWISE. To DECREASE, or to TURN OFF Back-check action turn valve COUNTERCLOCKWISE.

DELAYED CLOSING ACTION—is controlled by the Delayed Closing Action Adjustment Valve marked DA on the closer. Delayed Closing Action is now turned off. To TURN ON, or to INCREASE Delayed Closing Action turn valve COUNTERCLOCKWISE to desired delay time. To DECREASE, or to TURN OFF Delayed Closing Action turn valve COUNTERCLOCKWISE.

PARALLEL ARM INSTALLATION CLOSER MOUNTED ON DOOR ON PUSH SIDE

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POSITION OF ARMS AND INDEX SETTINGS

Left hand door use index mark 2

Right hand door use index mark 3

ILLUSTRATION 'B'