DOOR CLOSERS
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SURFACE MOUNTED DOOR CLOSERS

TC2200

2200

Model #  Body Length  CTC Hole Pattern
TC 2202  8 1/4"  7 3/8" x 3/4"
TC 2203  8 7/8"  8 3/16" x 3/4"
All others  9 7/8"  9 1/16" x 3/4"

See Cross Reference Chart (page 8)

Specifications:
- Grade 3 certified, ANSI/BHMA A156.4
- UL listed compliant UL10C for positive pressure
- Aluminum alloy body
- Non-handed- reversible
- Spring size closers # 2, 3, 4, 5
- Multi-size closers 1-4
- TC2201ADA conforms to handicap code requirements, and meets ANSI/BHMA A156.4 Grade 1 requirements
- 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
- 10 year warranty
- Finish: AL- Aluminum, DU- Duronotic

The TC2200 is our most economically priced streamline closer. It is recommended for use on all aluminum store front doors, wood or hollow metal commercial applications. The TC2200 is a versatile utility closer that provides narrow styling and has a full selection of accessories to accommodate the requirements of any field installation.

Our TC2201ADA model is a GRADE 1. It 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. This complies with ADA handicap codes and ANSI/BHMA Grade 1 standard requirements. Both models will retrofit most full size closers with a 9 1/16" industry standard hole pattern to update any opening for code compliance.

Also available in spring sizes 2, 3, 4, & 5

Options: Specify When Ordering
- Backcheck - BC
- Parallel mount - PA
- Hold open - HO
- Finish - AL, DU
- Note - For hold open parallel arm mount - must order HOPAB-1245

ACCESSORIES

- DROP PLATE # 4 CLOSER DP-1214
- NARROW DROP PLATE # 4 CLOSER DP-1204
- HOLD OPEN ARM HOA-1245
- REGULAR ARM RA-1240
- TOP JAMB EXTENDER TJ-1240
- PARALLEL ARM BRACKET PAB-2200
- HOLD OPEN PARALLEL ARM BRACKET HOPAB-1245
- 1 3/4" THRU-BOLTS SXN-134

The TC200 is recommended for use on all aluminum store front doors, wood or hollow metal commercial applications. It is a versatile utility closer that provides narrow styling and has a full selection of accessories to accommodate the requirements of any field installation.

In this series, our TC201 is a multi-size spring model that offers adjustable power with a choice of ranges sizes 3-6 where high rates of closing force are required. Our TC201ADA model also 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. This complies with ADA handicap codes and ANSI/BHMA standard requirements. Both models will retrofit most full size closers with a 9 1/16" industry standard hole pattern to update any opening for code compliance.

Also available in sizes 3, 4, & 5

Options: Specify When Ordering
- Backcheck - BC
- Parallel mount - PA
- Hold open - HO
- Finish - AL, DU
- Note - For hold open parallel arm mount - must order HOPAB-1245

ACCESSORIES

- DROP PLATE DP-1214
- NARROW DROP PLATE DP-1204
- HOLD OPEN ARM HOA-1245
- REGULAR ARM RA-1240
- TOP JAMB EXTENDER TJ-1240
- COVER COV-200
- PARALLEL ARM BRACKETS PAB-1245 Standard HOPAB-1245 Hold open
- 1 3/4" THRU-BOLTS SXN-134
The TC400 / 500 are recommended for use on commercial, architectural and institutional applications. These models are ideal for business, new construction and renovations. Both models have a full selection of accessories to accommodate the requirements of any door control installation. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

**Options: Specify When Ordering**
*Hold open - HO
*Delayed action - TC411DA
*Finish - AL, DU

*Note - For hold open parallel arm mount - must order HOPAB-1245

**ACCESSORIES**

- DROP PLATE DP-1045
- HOLD OPEN ARM HOA-1245
- REGULAR ARM RA-1240
- TOP JAMB EXTENDER TJ-1240
- PARALLEL ARM BRACKETS PAB-1245 Standard HOPAB-1245 Hold open
- 13/4" THRU-BOOTS SXN-134

The TC600 is our most economically priced full cover closer. It is recommended for use on commercial, architectural and institutional applications. It is ideal for business, new construction and renovations. This model has a full selection of accessories to accommodate the requirements of any field installation. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards. This closer is also available in bright brass and polished chrome finishes to match architectural applications.

**Options: Specify When Ordering**
*Hold open - HO
*Finish - AL, DU, CH

*Note - For hold open parallel arm mount - must order HOPAB-1245

**ACCESSORIES**

- DROP PLATE DP-1045
- HOLD OPEN ARM HOA-1245
- REGULAR ARM RA-1240
- TOP JAMB EXTENDER TJ-1240
- PARALLEL ARM BRACKETS PAB-1245 Standard HOPAB-1245 Hold open
- 13/4" THRU-BOOTS SXN-134
The TC4361 is recommended for use on heavy duty commercial, architectural and institutional applications. It is ideal for business, new construction and renovations. It has a full selection of accessories to accommodate the requirements of any field installation. It is tri-packed standard and comes with all fasteners, brackets and soffit plates for versatility. Closers with non-hold open arms are UL listed for “A” label fire doors. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

Options: Specify When Ordering
*Hold open cush - HOA
*Cush arm - CNS
*Heavy duty - HD
*Finish - AL, DU

The TC4300 has all the same design features and specifications as our TC4361 and is our heaviest duty closer for institutional and all other high traffic demanding applications. It has a wide choice of options and installation accessories to accommodate the requirements specified in any industrial or institutional environment. This model comes tri-packed standard and can be ordered with different arm styles for maximum versatility. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

Options: Specify When Ordering
*Hold open cush - HOA
*Cush arm - CNS
*Heavy duty - HD
*Finish - AL, DU
The TC300 is a great alternative for use on interior and light weight exterior door applications. Its compact design has the features and appearance of a full size closer but requires less space on a door for installation, and provides complete functionality for any opening. It is commonly used on projects that specify multiple interior closers to address job conditions and budget concerns. They are an excellent choice for hotels, condominiums, apartment complex and single-family residences.

**Specifications**
- Grade 3 certified, ANSI/BHMA A156.4
- Aluminum alloy shell
- Non-handed
- One compact body for all power sizes 2, 3, & 4
- Two independent regulating valves control sweep and latch speeds
- 10 year warranty
- Finish: AL- Aluminum, DU- Duronotic and WH- White

**Options: Specify When Ordering**
*Parallel arm - PA
*Finish - AL, DU, WH

The TC7700 or “Stout” replaces the original “Kawneer Husky” concealed overhead closer model. This new version features a two-speed closing control to prevent the door from slamming against the stop on single-acting applications. It also prevents over-swing on double-acting applications. The TC7700 is an ideal choice for schools, office buildings, hospitals, department stores and any other facilities that demand reliability for interior and exterior doors.

**Closing Speed Adjustment Tip:** Through the first 80 degrees of the closing cycle, the door should be kept at a moderate speed to prevent “heel bumping” as someone enters through an out-swing door. Additional adjusting information on closing speed and latching speed can be found on the instruction sheet that comes packaged with the TC7700.

**Please Specify: Sold as Components**
*Body - Arm assembly - Track - Pivot
*Spring Tension: LT. , MED., HD.
*Sweep: 90 degree or 105 degree
*Hold open or non-hold open
*Replacement Parts:
  - KTA - Top arm assembly
  - S2-ARM - Offset arm
  - S2 TRACK - Channel for offset arm
  - TH1119-BCP - Bottom center pivot

**Cross Reference**
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<th>GLOBAL #</th>
<th>KAWNEER #</th>
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<td>TC7742</td>
<td>37-631</td>
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For those who prefer the visual advantages of a concealed door closer, the TC7000 compact design offers an excellent “hidden” solution. Center-pivoted for single and double acting doors. This model is recommended for installation in aluminum door and frame applications. It features multiple spring tension models available to match any door size and weight. Consistent closure speed is assured every time with its temperature-sensitive hydraulic fluid.

**ACCESSORIES**

- **SIDE LOAD ARM**
- **END LOAD ARM**
- **K** TYPE ARM
- **OFFSET ARM W/TRACK**
- **OFFSET ARM**
- **DUAL PURPOSE BOTTOM PIVOT SET**
- **AE PIVOT SET**
- **GE PIVOT SET**
- **G PIVOT SET**

*Mounting brackets available W-CLIP standard anchor set, AE-CLIP optional anchor set

**APPLICATIONS**

- **Center Hung Doors - Double or Single Acting**
  - “S” Type adjustable side loading top arm assembly: 1/2” depth top rail
  - “A” Type end loading top arm assembly: 1” depth top rail
  - “K” Type end loading top arm assembly: 5/8” depth top rail
  - For center pivoted applications - order bottom pivot set

- **Offset Hung Doors - Single Acting**
  - “JO” Mortised Type offset top arm assembly: 9/16” depth top rail - aluminum
  - For offset pivoted or butt hinged applications - no bottom pivot set required, offset pivots or butt hinges order separately. For doors 175 - 225 lbs. offset application

**Pivot Sets**

- **OHC-PIVOT** - Adjustable dual purpose bottom pivot set - Standard application
  - **AE-PIVOT** - Adjustable threshold mount bottom pivot set - 1” deep bottom rail
  - **GE-PIVOT** - Adjustable threshold mount bottom pivot set - 1 1/2” deep bottom rail
  - **G-PIVOT** - Adjustable floor mount bottom pivot set - 1 1/2” deep bottom rail

**Model Size Selection**

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<tr>
<th>DOOR SIZE</th>
<th>MAXIMUM DOOR WEIGHT</th>
<th>MAXIMUM DOOR WEIGHT</th>
<th>SPRING TENSION</th>
<th>TYPE</th>
<th>MODEL NUMBER</th>
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<td>36” to 48”</td>
<td>225 lbs.</td>
<td>Adjustable</td>
<td>105° back stop with hold open at 105° 105° back stop - non-hold open</td>
<td>7010-ADA 7011-ADA</td>
<td></td>
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<tr>
<td>30” &amp; under</td>
<td>125 lbs.</td>
<td>Light</td>
<td>105° back stop with hold open at 105° 105° back stop - non-hold open 90° back stop with hold open at 90° 90° back stop - non-hold open</td>
<td>7020 7021 7022 7023</td>
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<tr>
<td>Up to 41”</td>
<td>175 lbs.</td>
<td>Medium</td>
<td>105° back stop with hold open at 105° 105° back stop - non-hold open 90° back stop with hold open at 90° 90° back stop - non-hold open</td>
<td>7030 7031 7032 7033</td>
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<tr>
<td>Up to 48” reinforcement required</td>
<td>225 lbs. &amp; up</td>
<td>Heavy</td>
<td>105° back stop with hold open at 105° 105° back stop - non-hold open 90° back stop with hold open at 90° 90° back stop - non-hold open</td>
<td>7040 7041 7042 7043</td>
<td></td>
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**Please Specify: Sold as Components**

*Body:
  - Spring tension - ADJ. , LT. , MED. , HD.
  - Swing - 90 degree or 105 degree
  - Hold open or non-hold open

*Arm Type: SLA, ELA, KRM, Offset

*Pivot Set: OHC, AE, GE, G

Meets ADA Requirements
TC901
Low profile, residential mini door closer
For any door up to 150 lbs. / 36" wide
Easy to install, no special tools required
Reversible for left or right hand doors
Applicable for out swinging / in swinging doors
Available with hold open feature
Finish: WH-White, BR-Brown

TC931
Mini Door Closer, for wood or metal doors
Can be used for specialty applications
Protective Plate prevents marring to door surface
Adjustable closer tension for doors up to 150 lbs
Rollers provide smooth closing action
Finish: WH-White, BR-Brown, BRA-Brass

TC805-AL
Hydraulic closer for interior doors up to 85 lbs.
Can be used for specialty applications
Rugged, steel cylinder housing and arm
Smooth, quiet and safe operating
Reversible for left and right hand doors
Closer can also be mounted parallel arm
UL and ULC rated. Fire code approved
Finish: AL-Aluminum

TC830-AL
Low cost, high quality hydraulic closer
Ideal for storm and screen doors up to 35 lbs.
Can be used for specialty applications
Reversible for left and right hand doors
Finish: AL-Aluminum

See Cross Reference Chart (page 8)
### Door Closers Cross Reference

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<th>NORTON</th>
<th>DORMA</th>
<th>DOR-O-MATIC FALCON</th>
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### Other Cross Reference

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CROSS REFERENCE MODEL NUMBERS ARE EQUIVALENT OR COMPARABLE DUTY, EXACT MOUNTING HOLE DIMENSIONS MAY VARY
*RETROFIT INSTALLATION HOLE FOR HOLE
### Model Size Selection

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<td><strong>TC4361 SERIES</strong></td>
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<td>TC4361 60” Interior/48” Exterior</td>
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**REGULAR ARM**  
**(PULL SIDE)**

This is the only pull-side application where a double lever arm is used. It is the most power efficient application for a door closer. Sufficient frame, door and/or ceiling clearance must be considered.

Since the arm assembly projects directly out from the frame, this application may present aesthetic issues and be subject to additional maintenance.

**TOP JAMB**  
**(PUSH SIDE)**

For efficiency reasons this application on provides the best alternative to the regular arm application. It requires a top rail on the door of just 2-1/4". This application provides the best door control for door in exterior walls that swing out of a building.

The entire door closer and arm assemble project from the frame, similar to the regular arm application, where matters of appearance and abuse can be of concern. Consideration must be given to the depth of the reveal. For reveals exceeding 2 7/8" top jamb extended is recommended.

**PARALLEL ARM**  
**(PUSH SIDE)**

This application provides the most appealing design appearance for a surface-mounted door closer having a double lever arm. This also makes it beneficial in abuse-prone areas. It is on the push side of the door and the arm assembly extends almost parallel to the door. In the closed position, there is very little or no hardware projecting beyond the frame face in most situations.

Due to the geometry of the arm it is approximately 25% less power efficient than a regular arm application. The entire closer and arm assembly are mounted below the frame stop. Top rail clearance dimensions will vary based on the type of cover used.

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*ALL DIAGRAMS NON-HOLD OPEN ARM SHOWN  
*REFER TO INSTALLATION INSTRUCTIONS PACKAGED WITH CLOSER FOR MEASUREMENTS AND HOLE LOCATIONS*