Surface closers offer an economical means of control for medium sized doors. When mounting on exterior doors, always install on the inside of the building.

**M2020 Series**
- Closer body made of cast iron.
- 2-5/8” projection allows full door opening on 2” or more frame.
- Also available in sized models—sizes 2 through 6.
- Meets or exceeds ANSI A156.4 Series 2000.

**M2220 Series**
- Closer body made of aluminum.
- 2-1/4” projection allows full door opening on 2” or more frame.

**Features**
- Backcheck cushioning. Provides adjustable cushion at approximately 70 degrees of opening cycle.
- Full metal cover and steel arm accepts plated finishes. Cold rolled slim steel arm.
- Adjustable for sizes 2 through 6.
- Ten year warranty—proven Rixson quality.
- Arms for all Rixson surface closers are interchangeable.
- Closers come packed with all wood and all metal screws.
- Auxiliary wall, floor, or overhead stops recommended.
- Three independent valves controlling closing speed, latching speed and backcheck.
- U.L. listed non-hold open models for fire door assemblies.
- Models available to meet Handicapped Access requirements.

**Suggested Specifications**
- **M2020 Series**—Surface closers shall be Rixson-Firemark Series M2020. All closer cases to be one-piece cast iron and have independent valves for latch, closing speed and backcheck. Closers shall have a full metal cover with maximum projection of 2-5/8”. Closers shall be available with adjustable spring tension from 2 through 6, or 1 through 4 for PH Models.
- **M2220 Series**—Surface closers shall be Rixson-Firemark Series M2220. All closer cases to be one-piece aluminum and have independent valves for latch, closing speed and backcheck. Closers shall have a full metal cover with maximum projection of 2-1/4”. Closers to be multi size.

**Finishes**
- SA — Sprayed Aluminum
- SB — Sprayed Light Bronze
- SLB — Sprayed Light Bronze
- SG — Sprayed Gold
- Black — Sprayed Black

Plated finishes also available.

**Ordering Information**
- Prefix determines the type of installation & type of arm
  - RA Regular Arm Application
  - PA Parallel Arm Application
  - TJ Top Jamb Application
  - TJL TJ Application with long secondary arm for deep reveal
  - CS Check Stop Arm Application (handed)
  - FR Parallel Rigid Arm Application
- Suffix determines type of option desired
  - SNB Sex Nuts and Bolts
  - CWF Cold weather fluid
  - PH Physically handicapped (light spring size 1 thru 4)
  - DA Delayed Action
  - H Hold Open
  - T Thumb turn HO (check-stop)
  - K Hex key HO (check-stop)

**RA 2020 DA SA**
- Define Series
- Rank

**Definitive Series**
- M2020 Cast iron body
- M2220 Cast aluminum body

**Ranks**
- See finishes listed above

*CWF not available for DA Closers.
Standard M2020 and M2220 Closers include a regular arm and a RA bracket.

**Suffix**
- PH Physically handicapped (light spring size 1 thru 4)
# Rixson

## Surface Door Closers

### Model Descriptions

<table>
<thead>
<tr>
<th>M2020 Series</th>
<th>M2220 Series</th>
<th>Product Description</th>
<th>Mounting Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>RA M2020</td>
<td>RA M2220</td>
<td>Regular arm model for pull side of door. Recommended for inswinging doors or doors where closer can be mounted on pull side. 1/8&quot; max reveal on pull side.</td>
<td>Pull Side Mounting</td>
</tr>
<tr>
<td>PA M2020</td>
<td>PA M2220</td>
<td>Parallel arm model for push side of door. Recommended for outswinging doors where closer can be mounted on push side.</td>
<td>Push Side Mounting</td>
</tr>
<tr>
<td>PR M2020</td>
<td>PR M2220</td>
<td>Parallel arm model for push side of door. Uses a rigid, one piece secondary arm. For use where heavy traffic &amp; heavy use are anticipated.</td>
<td>Push Side Mounting</td>
</tr>
<tr>
<td>CS M2020</td>
<td>CS M2220</td>
<td>Check/Stop arm available for parallel arm installation. Arm has stop built into bracket. Aids in protecting closer in exterior or high traffic interior applications. Choose from Hold Open (HO) or Non Hold Open (NHO). Handed</td>
<td>Push Side Mounting</td>
</tr>
<tr>
<td>TJ M2020</td>
<td>TJ M2220</td>
<td>Top jamb model for push side. Recommended for aluminum doors and frames or installations where parallel arm drops closer too low on the door. For reveals of 0&quot; to 2-5/8&quot;, 180º opening.</td>
<td>Maximum Reveal</td>
</tr>
<tr>
<td>Tjl M2020</td>
<td>Tjl M2220</td>
<td>Top jamb model for push side, where reveal is greater than 2-5/8&quot;. Uses longer secondary arm. Repeat Degree of Opening 2-5/8&quot; to 6-3/8&quot; 130º 2-5/8&quot; to 3-3/4&quot; 180º</td>
<td>Maximum Reveal</td>
</tr>
</tbody>
</table>

### M2020 Series

1. Latch & closing speed controls
2. Delayed Action
3. Backcheck adjustment
4. One-piece cast iron body
5. Needle bearings
6. Spring adjustment
7. Hardened spindle

### M2220 Series

1. 12-3/4" long
2. 1-1/8" long
Parts and Accessories

**M2020-LAP**
Closer body only, less all other parts. Specify model number, spring size (if sized) and options.

**COV-1**
Complete cover assembly, M2020.

**M2220-LAP**
Closer body only, less all other parts. Specify model number, and options.

**COV-2**
Complete cover assembly, M2220.

**M2001-1**
Regular arm assembly for pull side mounting.

**M2001-3**
Hold open arm. Friction type allows door to be held up to 140 degrees.

**M2001-8**
Parallel arm assembly for push side mounting.

**Check-Stop Arms**
For exterior or heavy, high traffic interior doors. Arm dead stops. Must have back check, hold open optional.

**CSM2001-5** — Non hold open.
**CSM2001-F** — Hold open with thumb turn control.

**Parallel Rigid Arms**
Parallel rigid arm for heavy, high traffic, or doors subject to abuse. Push side mounting.

**PRM2001-1** — Non hold open arm.
**PRM2001-2** — Hold open arm.

**18**
Soffit plate for parallel arm installation.

**18S**
Offset soffit plate allows Checkmate holder to be mounted on push side of door.

**28H**
Parallel arm hold open foot. Allows hold open arm to be mounted on push side of door.

**INS-2**
Cover insert.

**19S**
Spacer block add additional support with parallel, rigid or check stop closer installations.

**Drop and Back Plates**
**BP1** — Backplate. Used with all top jamb montings — M2220 Series.
**BP4** — Backplate. Used with parallel, rigid parallel or check stop montings — M2220 Series.
**BP1** — Drop plate. Used where narrow top door rail (RA or PA installation) makes installation difficult.
**BP2** — Drop plate. Used where narrow frame face or low ceiling clearance (TJ installation) makes installation difficult.
**BP3** — Drop plate. Used where replacing the 2000/2020 Series with the M2000/M2020 Series.

**Retrofit Plates**
**AP3** — Retrofit plate used to adapt standard M2220 Closers (RA) to older installations.