

### Price List

USA & Canada Prices Effective May 1, 2021

#### Service Center Business Hours ASSA ABLOY Door Security Solutions Customer Service – Monroe

8:00 a.m. - 4:30 p.m. (Eastern)

1902 Airport Road Monroe, NC 28110

Telephone Number: (800) 457-5670 Fax Number: (800) 221-0489

## ASSA ABLOY Door Security Solutions Canada Customer Service – Vaughan

8:00 a.m. – 4:30 p.m. (Eastern)

160 Four Valley Drive Vaughan ON L4K 4T9

Telephone Number: (800) 461-3007 Fax Number: (800) 461-8989

#### ASSA ABLOY Door Security Solutions Customer Service – West

5678 Concours Street Ontario, CA 91764 Tel: 909-593-2100 Fax: 909-593-2500

#### **Rixson TPS**

8:00 a.m. – 4:30 p.m. (Eastern) Telephone Number: (866) 474-9766

#### Holiday Schedule\*

ASSA ABLOY Door Security Solutions Customer Service Center, Monroe, NC, and Rixson TPS, will be CLOSED on the following holidays:

USA Canada

April 2 April 2: Good Friday
May 31 May 24: Victoria Day
July 5 July 1: Canada Day
September 6 August 2: Civic Holiday
November 25, 26 September 6: Labour Day
December 23, 24 October 11: Thanksgiving Day
December 25: Christmas Day

October 29, 30 (Inventory)

#### ORDERING PROTOCOL

Please submit Quick Ship Program Items and Factory Items on separate purchase orders.

If you have a Quote, please include the quote number on the purchase order. Orders without this information may be delayed. Check all acknowledgements for accuracy.

Visit our website at www.rixson.com for current product information.

**ASSA ABLOY** 

USA & Canada Prices Effective May 1, 2021

December 26: Boxing Day

#### Trademark Use Policy: ASSA ABLOY Americas

The following policy ("Policy") of ASSA ABLOY Americas ("ASSA ABLOY"), and all of its affiliated group companies (collectively, the "Group Companies"), applies to the use of certain intellectual property of all such Group Companies, including all trademarks, names, logos, product images, and related information (the "ASSA ABLOY Marks"). ASSA ABLOY Marks are proprietary and critical to the success of ASSA ABLOY and the Group Companies, and may only be used in strict compliance with this Policy.

This Policy covers any person or entity reselling any product of any Group Company with the consent of such Group Company (each, an "Approved Reseller"). Each Approved Reseller has a non-exclusive right to use certain of the ASSA ABLOY Marks relating to any of the Group Companies for which it is an Approved Reseller, subject to the following conditions:

- (1) Approved Reseller's use of ASSA ABLOY Marks must be truthful, fair, and not misleading;
- (2) Approved Reseller's advertising must clearly indicate that it is advertising of the Approved Reseller, and is not advertising of ASSA ABLOY;
- (3) Approved Reseller may not use any ASSA ABLOY Marks as part of or in connection with a domain name;
- (4) Approved Reseller's advertising must not imply or suggest an association between the Approved Reseller and ASSA ABLOY other than that of buyer and seller;
- (5) Approved Reseller's use of ASSA ABLOY Marks must be a positive representation of ASSA ABLOY, the Group Companies, and their products;
- (6) Approved Reseller's trade name must be more predominant on Approved Reseller's advertising than the ASSA ABLOY Marks;
- (7) Approved Reseller's use of ASSA ABLOY Marks must include the trademark symbol ® or ™, as appropriate, along with the following trademark legend printed in legible text on the Web page or document containing ASSA ABLOY Marks: "[describe ASSA ABLOY Marks] are trademarks or registered trademarks of ASSA ABLOY, Inc. or one of its affiliates in the United States and other countries.";
- (8) Approved Reseller must not make modifications of any ASSA ABLOY Marks; and
- (9) Approved Reseller may use only ASSA ABLOY Marks associated with the Group Companies for which it is an Approved Reseller (e.g., an Approved Reseller that sells Group Company X products but not Group Company Y products may use Group Company X trademarks in connection with its sale of Group Company X products, but may not use Group Company Y trademarks).

ASSA ABLOY reserves the right to review Approved Reseller's usage of ASSA ABLOY Marks at any time and may:

- (a) require changes to the use of ASSA ABLOY Marks at any time in its sole discretion, which changes must be implemented within 30 days of written notice to Approved Reseller;
- (b) condition the use of ASSA ABLOY Marks on ASSA ABLOY's prior approval of such use, which approval may be withheld in its sole discretion:
- (c) revoke permission to use ASSA ABLOY Marks at any time for any or no reason upon 30 days prior written notice to Approved Reseller; and
- (d) revoke permission to use ASSA ABLOY Marks immediately upon notice to Approved Reseller in the event Approved Reseller is in violation of this Policy, or of any other agreement with ASSA ABLOY or any Group Company. Approved Reseller's right to use ASSA ABLOY Marks in no way conveys to Approved Reseller any proprietary or economic interest in any ASSA ABLOY Marks.

Use of ASSA ABLOY Marks in violation of this Policy may result in severe civil and criminal liabilities. ASSA ABLOY will vigorously enforce this Policy by seeking all appropriate legal remedies, including, but not limited to, pecuniary damages and injunctive relief.

If there are any questions on this policy, please contact Linda Dean at Idean@assaabloyusa.com or 203-498-5596



#### ASSA ABLOY Door Security Solutions Website and eBusiness •

Rixson's website at www.rixson.com is the place to go for all your *Rixson* product information needs. Easy-to-navigate menus and intuitive icons allow simple and fast access to the latest on new products, as well as the most up-to-date catalogs, templates and installation instructions.

Another great benefit of the *Rixson* website is the ability to become an eBusiness member. Access gives you additional information for *Rixson* account customers only.

Visit www.rixson.com to sign up for ASSA ABLOY Door Security Solutions eBusiness access.

ASSA ABLOY Door Security Solutions Security Consultants provides sales, marketing and support for RIXSON.

To sign up for eBusiness, follow the simple instructions listed below. Register today and start enjoying the many benefits!

#### eBusiness offers anytime access to:

- Order Status
- Order Check by P.O.
- Stock Status Check
- · Cross Reference Guide
- Newsletters
- Contact WebPrimary
- Extended Literature (Price Books, Order Forms)
- Fax Program Sign Up
- Fax Order Acknowledgement
- Fax Invoice

#### How to sign up for eBusiness access:

- Step 1: Visit our website at www.rixson.com
- Step 2: Double-click eBusiness icon (top middle)
- Step 3: Complete ASSA ABLOY Door Security Solutions eBusiness sign-up form





Experience a safer and more open world

#### **ASSA ABLOY Door Security Solution's Fax Program**

Would you like to receive your acknowledgements and invoices quickly and efficiently?

If so, ASSA ABLOY Door Security Solutions offers the Order Acknowledgement and Invoice Fax Program. Please see the simple steps below to get signed up today!

Requirement: Valid eBusiness User ID and Password. (If you do not have an eBusiness User ID and Password, please refer to eBusiness Sign-up Section included in this Price Book.)

Step 1: Log into eBusiness.



- Step 2: Double-click on "Sign Up for ASSA ABLOY Door Security Solutions Fax Program Now!"
- Step 3: Fill in appropriate information.
- Step 4: Click on "Sign up for Fax Program!"



### **Limited Warranty**



## For Terms & Conditions and Warranty information pertaining to product sales in Canada, please visit www.www.assaabloy.ca/terms.

Yale Security Inc® (the "Company") warrants that its products sold under the Rixson® trade name in the United States of America and Canada are free from defects in workmanship and materials under normal use and service.

This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, ordinary wear and tear, misuse, abuse, accident, unauthorized service, use with unauthorized non-Rixson products or parts, or the effects of erosion, or corrosion on the finish. This warranty is void if any modification is made to the product regardless of whether the modification causes or contributes to the alleged defect. All modifications are made at the risk of the party making the modification.

The only liability of the Company in tort or contract whether under this warranty or otherwise shall be limited to the repair or replacement of any product or component part which shall prove defective as covered by this warranty.

The warranty period after delivery to the original purchaser in all cases is as follows:

#### Rixson® door controls:

| Series 27/28, 30/40 Heavy Duty Floor Closers                   | 10 years |
|----------------------------------------------------------------|----------|
| Series 91 Overhead Concealed Closers                           | 5 years  |
| Electrified Closer/Holders and Electromagnetic Holder/Releases |          |
| All other Rixson ® products                                    | 2 years  |

The Company will not pay for the cost of repair performed other than in accordance with this warranty. Written notice of a product or component part believed to be defective as covered by this warranty should be sent to Yale Security Inc., 1902 Airport Road, Monroe, North Carolina 28110, and should include your name and address, an identification of the product or component part and a brief description of the defect. Upon receipt of such notice, the Company will inform you where to ship such product or component part, shipping charges prepaid, for examination and, in the event such examination reveals a defect covered by this warranty, the product will be repaired or replaced.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. TO THE EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS WARRANTY. YALE SECURITY INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.



### **Terms and Conditions**

## For Terms & Conditions and Warranty information pertaining to product sales in Canada, please visit www.www.assaabloy.ca/terms.

#### **ACCEPTANCE**

RIXSON reserves the right to decline an order, in whole or in part, when the type or quantity of goods or creditworthiness of the Purchaser is not satisfactory to us in our sole and absolute discretion.

Purchase Orders, Quote Requests, Acknowledgements or the like issued by the Purchaser that have contrary standard terms and conditions are not binding on RIXSON, unless such terms and conditions are approved in a separate written agreement by RIXSON authorized representatives. In the event of an acceptance of Purchaser's Purchase Order by RIXSON, the Purchaser agrees that such acceptance is solely conditioned on Purchaser's acceptance of the terms and conditions set forth in this instrument, regardless of the terms and conditions specified in Purchaser's Purchase Order. The terms and conditions in Purchaser's Purchase Order which conflict with the terms and conditions of this instrument shall be disregarded and are hereby rejected, and this instrument shall constitute the entire agreement between RIXSON and the Purchaser.

In the event that RIXSON does not enforce or require strict performance of any term or condition hereof, or of any other document, instrument or other agreement relating to goods sold, such lack of enforcement or requirement of strict performance will not waive, affect or diminish any right of RIXSON to enforce or require strict performance of such term or condition in the future.

#### PRICES

All prices are subject to change without notice and are not guaranteed. All shipments will be made at prices in effect at the time of shipment. Possession of this price list does not constitute an agreement to sell. We reserve the right to correct clerical, stenographic and other obvious errors at any time.

#### **TERMS**

Invoices dated the 1st through the 15th will be due for 2% discount on the \*10th of the following month. Invoices dated the 16th through the 31st will be due for 2% discount on the \*25th of the following month. \*Net immediately thereafter. (RIXSON retains the right to sell or to decline to sell to any Customer for any reason whatsoever that in its judgment is deemed sufficient.)

It is understood that RIXSON may impose and charge a finance charge which is the lesser of one and one-half percent (1-1/2%) per month or the highest rate allowed by law on any amount which becomes past due and delinquent. Additionally the Customer shall be responsible for all collection costs, court costs and reasonable attorney's fees (where allowed by law) in connection with the recovery of any delinquent amount.

#### **FREIGHT**

All orders are shipped FOB factory/warehouse, except as expressly provided below. When delivered to the Transportation Company, the Purchaser assumes the risk of loss or damage in transit.

Customer orders with net product value in excess of \$3,000.00 will be shipped prepaid by RIXSON's carrier of choice to a single destination point in the United States. Orders for Norton and RIXSON goods can be combined on one purchase order to meet the \$3,000.00 minimum value for prepaid shipping.

Customer orders with net product value less than \$3,000.00 will be shipped prepaid by RIXSON's carrier of choice and freight and handling charges will be added to the customer's invoice.

A minimum freight and handling charge of \$25.00 will be charged on orders with net product value of \$600.00 or less.

For orders with net product value greater than \$600.00 and less than \$3,000.00, freight charges will be calculated as a percentage of the net invoice value and will be added to Customer's invoice. The percentage is based on the National U.S. Average On Highway Diesel Fuel Prices as reported by the US Department of Energy in effect at the beginning of each quarter. On the first Monday of each quarter, the new rate will be published on the RIXSON and Door Security Solutions extranet and will go into effect on the 2nd Monday of the quarter. Please refer to the

RIXSON distributor extranet for the rate chart and information on the current freight charge percentage. The percentage in effect at the time of shipment of the order will be charged.

If a customer provides their own freight account # for the freight charges, RIXSON will apply a handling fee of \$25.00 to the invoice.

Expedited shipping options – If the customer requests an expedited method of shipment such as "Next Day Air" the charges will be prepaid by RIXSON and the full rate for the service, as published by the carrier, will be added to the customer's invoice.

Packing – RIXSON will pack, mark and ship the products according to its standard procedures for shipment, unless the parties agree, in writing, that RIXSON will comply with any special instructions provided by the customer. Special instructions must be submitted, in writing, at time of order placement. Compliance with special instructions may result in an increased price.

#### MINIMUM ORDER

Minimum order value for complete product is \$250.00 net product value. The minimum order value for parts orders is \$100.00 net product value. In the event that the net product value does not meet the required net minimum, RIXSON may, at its sole discretion (a) apply a minimum order charge, (b) reject the order or (c) waive the minimum requirement provided that the waiver of the requirement for one order shall not constitute a waiver of the requirement for any future orders.

#### QUOTATIONS

If RIXSON elects to offer a quote, such quote will be valid until the expiration date on that quote. Complete shipment of the order must be accepted by Purchaser within standard lead times.

The quote number must be referenced on the order. Any invoiced order that has the incorrect discount applied to it and did not have the quote number written on the order will have a service fee of \$100.00 net DEDUCTED from any sales credit issued for the difference in discount.

The quote is null and void if the Purchase Order does not include ALL product lines listed on the quote or if the quantities for any item covered by the quote deviate by 10% or more. With the issuance and acceptance of a quote for the purchase of products, the Purchaser agrees that products so purchased will not be resold or transferred to any Distributor not authorized by RIXSON to sell its products. This would be inclusive of branches of the quoted Distributor. Failure to abide by this restriction may result in the Distributor's ineligibility for Quotations, or other actions in RIXSON's discretion.

RIXSON and its sales representatives reserve the right, in their sole discretion and for any reason, to refuse a Distributor's request to quote a price other than RIXSON's standard list price and regardless of whether RIXSON or its sales representatives have previously quoted discounted prices to the Distributor on some or all of its orders.

#### NON-CATALOGED PRODUCTS

Products not cataloged or listed in this price book will be considered as special products, and will not be manufactured without prior written approval from RIXSON. Non-catalogued products are not subject to buy programs. Contact factory for pricing. Special products require special handling, and therefore standard lead times may not apply. Special drawings to correct customer error for product already received, may carry a \$400.00 service charge. This fee must be paid prior to release of drawings.

#### CHANGES/CANCELLATION OF ORDERS

Changes or cancellations to an order will result in a charge of costs for material and labor expenses that have been incurred prior to notification from Customer. If products have already been made and or are located in the shipping room, the 45% change/cancellation fee will apply. Handling charges are billed on Customer's original order. All Non-Cataloged Goods and RIXSON Quick Ship Orders may not be changed or cancelled. All change requests for goods, other than for the reasons stated above, must be submitted in writing to Customer Service within two (2) business days of receipt of acknowledgment of the order.

USA & Canada Prices Effective May 1, 2021



Norton and Rixson are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company,

### **Terms and Conditions**

## For Terms & Conditions and Warranty information pertaining to product sales in Canada, please visit www.www.assaabloy.ca/terms.

#### ADD-ON ORDERS TO QUOTE

Any new order requesting special pricing to match an existing quote number, which has already been ordered, will be accepted up to sixty (60) days after the acknowledgement of the original order. All add-on orders must reference the original factory order number and the corresponding quote number to receive the quoted pricing discount. Add-on orders for stock will not be accepted.

#### **PACKAGING**

Many items are defined as to Case Lot Packaging or Minimum Order. The Case Lot policy does not apply to hardware to be used on a specific hardware project.

#### DFI IVFRY

Orders will be acknowledged and given a scheduled delivery date based on estimated manufacturing lead times. Complete information is required to process all orders. Orders with insufficient information for processing (i.e. door sizes, handing, etc.) may be subject to extended lead times which are relative to the time required in obtaining the necessary information for order processing. Manufacturing lead time will begin once all information is received to process an order. RIXSON will use reasonable efforts to deliver products as estimated, but makes no guarantees as to delivery dates. RIXSON will not be liable for back charges incurred based on availability of product or as a result of delays in delivery caused by insufficient information required to process an order. RIXSON will not be held responsible for delays in delivery caused by strikes, fires, floods or any other causes beyond our control, including the delivery of material to us. Under no circumstances shall RIXSON be liable or accountable for consequential damages due to failure of delivery.

#### CLAIMS

In the event of Company or Customer error, claims for shortages, pricing errors and/or incorrectly filled orders must be submitted in writing to Customer Service within thirty (30) days from receipt of material.

Any claims for shortages or damage by the Carrier must be made by the Customer directly to the Carrier.

#### INVOICE DEDUCTION

A RIXSON Sales Representative or Customer Service Representative must be notified of any disputed invoices within sixty (60) days from the date of invoice. Deductions should only be taken for the disputed amount and the balance of the invoice is due and payable within standard payment terms.

#### **RETURNED GOODS**

It is the policy of RIXSON to not accept returns of any materials that are correctly furnished as per the Distributor's Purchase Order. Return of product due to customer order error or accommodation must be prearranged with RIXSON and approved in writing by Sales Management. No Returns accepted for the following: Specials, Anything Used, Discountinued, Modified, or Damaged Product, Electrical Products, Incomplete Products (e.g. arms, covers brackets, etc) or 10B Finished products. All products returned as "Goodwill" must meet the following criteria to be considered a return:

- Be in original, unmarked and undamaged cartons.
- Be valued in excess of \$250.00 net.
- Shipped and invoiced within the previous 120 days.
- Can't be custom, non-cataloged, Rixson Quick Ship product or 10B Finished products

A MINIMUM reprocessing fee of 45% will be charged. Upon receipt and verification by RIXSON that the returned merchandise meets the foregoing conditions, a credit will be issued for the original invoice amount less the MINIMUM 45% reprocessing fee. Defective goods and "Goodwill" products that meet the foregoing criteria may be returned by fulfilling the following conditions:

- Send an RGA request in writing to the RIXSON Sales Representative serving the Purchaser's area.
- Ensure the RGA labels that are sent to Purchaser by RIXSON are visible on return goods shipment.

- Ensure that the RGA number appears on the return shipment label and is legible.
- Return the authorized merchandise within sixty (60) days from the date of RGA issuance date.
- Return shipments must be freight prepaid to the location specified on the RGA. RIXSON is not liable for damages to product during shipping.

No credit may be taken or issued prior to RGA approval and receipt of product.

All defective goods within the terms of our limited warranty may be returned for credit or replacement.

#### TAYES

Prices do not include any present or future Federal, State, or Local property, license, privilege, sales, use, excise, gross receipts or other like taxes or assessments, which may result from transactions or any services performed in connection herewith.

#### **GOVERNING LAW**

The rights and obligations of the parties shall be governed by the laws of the State of North Carolina, excluding any conflicts of law provisions. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Agreement.

#### LIMITED WARRANTY

The Terms and Conditions outlined above are subject to RIXSON's Limited Warranty, which is included in this Price List and incorporated herein by reference.

#### PRODUCT MODIFICATIONS

RIXSON products are not designed or intended for aftermarket modification. The warranty on RIXSON products becomes void if the product is modified in any way, regardless of whether the modification causes or contributes to any alleged defect. Warranty voiding modifications include, but are not limited to, third-party electrification of non-electric products and/or the installation of non-approved or non-RIXSON components.

If a RIXSON product is modified it no longer meets industry certification and quality control standards applicable to the original product and is no longer a genuine RIXSON product. A modified product may not be sold as a RIXSON product and no RIXSON trademarks or certification marks based on the original RIXSON product, such as U.L. or ANSI/BHMA marks, may appear anywhere on the modified product or on any packaging, literature, or instructions sold with the modified product.

All original RIXSON packaging and literature that carries RIXSON trademarks must be destroyed if the original RIXSON product is modified. Portions of the product that carry a RIXSON trademark or certification mark must be discarded and/or replaced by the party making the modification. U.L. and other certification testing and marking are also the responsibility of the party making modification. The use of RIXSON trademarks on modified products constitutes trademark infringement.

#### **TECHNICAL INFORMATION AND ADVICE**

(a) All designs, data, and specifications provided by Company are proprietary and will not be disclosed or reused by Customer without the prior written consent of Company; (b) Company assumes no obligation or liability for any advice given by Company, the results obtained, or damages incurred, and all such advice is given and accepted at Customer's risk.

ASSA ABLOY

USA & Canada Prices Effective May 1, 2021

### Finish Symbol Designations -----

| BHMA**      | US   | DESCRIPTION                             |  |  |
|-------------|------|-----------------------------------------|--|--|
| 600   674   | Р    | PRIME COAT                              |  |  |
| ^605*/^632  | 3    | BRIGHT BRASS                            |  |  |
| ^606 / ^633 | 4    | SATIN BRASS                             |  |  |
| ^611 / ^637 | 9    | BRIGHT BRONZE                           |  |  |
| ^612 / ^639 | 10   | SATIN BRONZE                            |  |  |
| ^613 / ^640 | 10B  | DARK BRONZE                             |  |  |
| 613E / 640E | 10BE | DARK OXIDIZED SATIN BRONZE - EQUIVALENT |  |  |
| ^618        | 14   | BRIGHT NICKEL                           |  |  |
| ^619        | 15   | SATIN NICKEL                            |  |  |
| 622   693   | 19   | FLAT BLACK                              |  |  |
| ^625 / ^651 | 26   | BRIGHT CHROME                           |  |  |
| ^626 / ^652 | 26D  | SATIN CHROME                            |  |  |
| 629*        | 32   | BRIGHT STAINLESS                        |  |  |
| 630*        | 32D  | SATIN STAINLESS                         |  |  |
| 689         |      | ALUMINUM                                |  |  |
| 690         |      | DARK BRONZE                             |  |  |
| 691         |      | LIGHT BRONZE                            |  |  |
| 693         |      | BLACK                                   |  |  |
| 696         |      | BRASS                                   |  |  |
| BSP         |      | BLACK SUEDE                             |  |  |
| WSP         |      | WHITE SUEDE                             |  |  |

#### Blackened or hammered finishes are not available.

For any other finishes not listed, contact pricing department, 800-457-5670.

- \* Patch fittings are available in these finishes only.
- \*\* BHMA numbers are assigned by base metals on which finish is being applied. For more information see ANSI A156.18. Appearance should closely match old US numbers.
- ^ Plated finishes

For finish availability see product "how to order" pages.

#### **SPECIAL FINISHES:**

| * Contact factory for availability * A set-up fee will be added to EACH purchase order that lists non-standard sprayed or powder coat finishes. | ADD \$874.00 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Discount 50% only. Fee will appear as a separate line item on invoice: SETUPDCG.                                                                |              |

ASSA ABLOY

### Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 93

### Heavy Weight/Duty 3/4" Offset -----

| Model | Complete Closer<br>Specify Model,<br>Hand and Degree | LAP<br>Specify Model,<br>Hand and Degree | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement<br>Case Pkg |  |
|-------|------------------------------------------------------|------------------------------------------|------------------|-------------------|--------------------|--------------------|--|
|       | 27N                                                  | 27N LAP                                  | 180              | 252050R*          | 274050R*           | 252000 BKC         |  |
|       | 2710                                                 | 27N LAP                                  | 180              | 252050L*          | 274050L*           | 253000-PKG         |  |
|       | \$1,925.00                                           | \$1,310.00                               | \$251.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | 275                                                  | 27S LAP                                  | 180              | 252050R*          | 274750R*           | 253000-PKG         |  |
|       | 213                                                  | 213 LAP                                  | 160              | 252050L*          | 274750L*           | 233000-PKG         |  |
|       | \$2,056.00                                           | \$1,441.00                               | \$251.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | F27N <b>(l)</b>                                      | 27N LAP                                  | F180             | 252050R*          | 274050R*           | 253000-PKG         |  |
| #     | FZ/IN VI                                             | 27N LAP                                  | F18U             | 252050L*          | 274050L*           | 253000-PKG         |  |
|       | \$2,263.00                                           | \$1,310.00                               | \$589.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | 27-180N                                              | 27-180N LAP                              | 100              | 252050R*          | 274050R*           | 2E3000 DKC         |  |
|       |                                                      | 27-180N LAP                              | 180              | 252050L*          | 274050L*           | 253000-PKG         |  |
|       | \$2,077.00                                           | \$1,462.00                               | \$251.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | 27-180A                                              | 27 1004 LAD                              | 100              | 252050R*          | 274050R*           | 253000-PKG         |  |
|       |                                                      | 27-180A LAP                              | 180              | 252050L*          | 274050L*           |                    |  |
|       | \$2,208.00                                           | \$1,593.00                               | \$251.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | 537 4001 (1)                                         | 27.400\\\.AB                             | F4.00            | 252050R*          | 274050R*           | 252000 BKG         |  |
|       | F27-180N 🕦                                           | 27-180N LAP                              | N LAP F180       | 252050L*          | 274050L*           | 253000-PKG         |  |
|       | \$2,415.00                                           | \$1,462.00                               | \$589.00         | \$133.00          | \$120.00           | \$111.00           |  |
|       | 127N                                                 | 28N LAP                                  | 180              | 652050R*          | 274050R*           | 3E3000 DKC         |  |
|       | 127N                                                 | 28N LAP                                  | 180              | 652050L*          | 274050L*           | 253000-PKG         |  |
|       | \$2,012.00                                           | \$1,300.00                               | \$251.00         | \$230.00          | \$120.00           | \$111.00           |  |
|       | 1275                                                 | 28S LAP                                  | 180              | 652050R*          | 274750R*           | 253000-PKG         |  |
|       | 1213                                                 | 203 LAP                                  | 160              | 652050L*          | 274750L*           | 233000-PKG         |  |
|       | \$2,143.00                                           | \$1,431.00                               | \$251.00         | \$230.00          | \$120.00           | \$111.00           |  |
|       | F127N <b>(</b>                                       | 28N LAP                                  | F180             | 652050R*          | 274050R*           | 253000 DVC         |  |
|       | FIZIN YU                                             | ZOIN LAP                                 | ΓΙδΌ             | 652050L*          | 274050L*           | 253000-PKG         |  |
|       | \$2,350.00                                           | \$1,300.00                               | \$589.00         | \$230.00          | \$120.00           | \$111.00           |  |

\*Finish required, see page 94 N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts

S = Selective Hold Open

### **Heavy Duty Offset Hung Floor Closers**

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 93

Heavy Weight/Duty 3/4" Offset ------

| Model | Complete Closer<br>Specify Model,<br>Hand and Degree | LAP<br>Specify Model,<br>Hand and Degree | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------|------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | 427N                                                 | 28N LAP                                  | 180 x 102        | 652050R*          | 274050R*           | 253000-PKG         |
|       | 427N                                                 | ZON LAP                                  | 180 X 102        | 652050L*          | 274050L*           | 253000-PKG         |
|       | \$2,147.00                                           | \$1,300.00                               | \$386.00         | \$230.00          | \$120.00           | \$111.00           |
|       | 427S                                                 | 206 LAB                                  | 100 v 100        | 652050R*          | 274750R*           | 2E3000 DKC         |
|       | 4273                                                 | 28S LAP                                  | 180 x 102        | 652050L*          | 274750L*           | 253000-PKG         |
|       | \$2,278.00                                           | \$1,431.00                               | \$386.00         | \$230.00          | \$120.00           | \$111.00           |

Heavy Weight/Duty 1-1/2" Offset

| 110417 110181 | idDuty 1-1/2                                         |                                          |                           |                      |                      |                    |          |
|---------------|------------------------------------------------------|------------------------------------------|---------------------------|----------------------|----------------------|--------------------|----------|
| Model         | Complete Closer<br>Specify Model,<br>Hand and Degree | LAP Specify<br>Model,<br>Hand and Degree | Top Pivot Pkg             | Bottom Arm<br>Pkg    | Floor Plate<br>Pkg   | Cement<br>Case Pkg |          |
|               | 27N v 1 1/200                                        | 27N LAP                                  | 180 x                     | 252060R*             | 274050R*             | 253000-PKG         |          |
|               | 27N x 1-1/2OS                                        | ZTN LAP                                  | 1-1/2OS                   | 252060L*             | 274050L*             | 253000-PKG         |          |
|               | \$2,200.00                                           | \$1,310.00                               | \$454.00                  | \$205.00             | \$120.00             | \$111.00           |          |
|               | 275 x                                                | 276 LAD                                  | 180 x                     | 252060R*             | 274750R*             | 252000 DVC         |          |
|               | 1-1/2OS                                              | 27S LAP                                  | 1-1/2OS                   | 252060L*             | 274750L*             | 253000-PKG         |          |
|               | \$2,331.00                                           | \$1,441.00                               | \$454.00                  | \$205.00             | \$120.00             | \$111.00           |          |
| Í             | 527N 1 1/200                                         | F27N x 1-1/2OS 27N LAP                   | 27N LAP F180 x<br>1-1/2OS | 252060R*             | 274050R*             | 253000-PKG         |          |
|               | F27N X 1-1/20S                                       |                                          |                           | 252060L*             | 274050L*             |                    |          |
|               | \$2,696.00                                           | \$1,310.00                               | \$950.00                  | \$205.00             | \$120.00             | \$111.00           |          |
|               | 27 x180N x                                           | 27 x 180N LAP                            | 180 x                     | 252060R*             | 274050R*             | 252000 DKC         |          |
|               | 1-1/2OS                                              |                                          | 21 X 180N LAP             | 21 X TOUN LAP        | 1-1/2OS              | 252060L            | 274050L* |
|               | \$2,352.00                                           | \$1,462.00                               | \$454.00                  | \$205.00             | \$120.00             | \$111.00           |          |
|               | 27-180A x<br>1-1/2OS                                 | 27 x 180A LAP                            | 180 x<br>1-1/2OS          | 252060R*<br>252060L* | 274050R*<br>274050L* | 253000-pkg         |          |
|               | \$2,483.00                                           | \$1,593.00                               | \$454.00                  | \$205.00             | \$120.00             | \$111.00           |          |
|               | F27-180N x                                           | 27 10011145                              | F180 x                    | 252060R*             | 274050R*             | 252000 BKC         |          |
|               | 1-1/2OS                                              | 27-180N LAP 1-1/2OS                      | 252060L*                  | 274050L*             | 253000-PKG           |                    |          |
|               | \$2,848.00                                           | \$1,462.00                               | \$950.00                  | \$205.00             | \$120.00             | \$111.00           |          |

### Independently Hung (Hanging Means Affect Pricing and Must be noted when ordering)

| Model | Complete<br>Closer Specify<br>Model, Hand and<br>Hanging Means | LAP Specify<br>Model and<br>Hand | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|----------------------------------------------------------------|----------------------------------|------------------|-------------------|--------------------|--------------------|
|       | **F327N <b>()</b>                                              | 327N LAP                         | N/A              | 3252010-*         | 3274010R*          | 253000-PKG         |
|       | **F327N <b>(h</b> )                                            | 327 N LAP                        | IN/A             | 3232010-          | 3274010L*          | 233000-PNG         |
| A A   | \$2,032.00                                                     | \$1,406.00                       | N/A              | \$395.00          | \$120.00           | \$111.00           |

\*Finish required, see page 94 N = Non-Hold open A = Automatic Hold Open S= Selective Hold Open

Note: Buying program discount on Pivots applies when Pivots are ordered separately LAP = Less All Parts

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

### **Heavy Duty Offset Hung Floor Closers**

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 93

Extra Heavy Weight/Duty/Lead Lined 1-3/4" Door

| Model | Complete Closer<br>Specify Model,<br>Hand and Degree | LAP Specify<br>Model,<br>Hand and Degree | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------|------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | L27N                                                 | L27N LAP                                 | L180             | 252051R*          | 274050R*           | 253001             |
|       | LZTIN                                                | LZ / IN L/ (I                            | LIOU             | 252051L*          | 274050L*           | 233001             |
|       | \$2,817.00                                           | \$1,817.00                               | \$408.00         | \$236.00          | \$120.00           | \$236.00           |
|       | 1.270                                                | 1270140                                  | 1100             | 252051R*          | 274750R*           | 252001             |
|       | L27S                                                 | L27S LAP                                 | L180             | 252051L*          | 274750L*           | 253001             |
|       | \$2,948.00                                           | \$1,948.00                               | \$408.00         | \$236.00          | \$120.00           | \$236.00           |
|       | FL27N 🕦                                              | L27N LAP                                 | FL180            | 252051R*          | 274050R*           | 253001             |
|       |                                                      |                                          |                  | 252051L*          | 274050L*           |                    |
|       | \$3,271.00                                           | \$1,817.00                               | \$862.00         | \$236.00          | \$120.00           | \$236.00           |
|       | 127 1001                                             | L27-180N LAP                             | L180 -           | 252051R*          | 274050R*           | 252001             |
|       | L27-180N                                             |                                          |                  | 252051L*          | 274050L*           | 253001             |
|       | \$3,013.00                                           | \$2,013.00                               | \$408.00         | \$236.00          | \$120.00           | \$236.00           |
|       | 127 1004                                             | 127 1004 140                             | 1100             | 252051R*          | 274050R*           | 253001             |
|       | L27-180A                                             | L27-180A LAP                             | L180             | 252051L*          | 274050L*           |                    |
|       | \$3,144.00                                           | \$2,144.00                               | \$408.00         | \$236.00          | \$120.00           | \$236.00           |
|       | FL 27 100N (A)                                       | 137 100N LAD                             | FI 100           | 252051R*          | 274050R*           | 252001             |
|       | FL27-180N 🕦                                          | L27-180N LAP                             | FL180            | 252051L*          | 274050L*           | 253001             |
|       | \$3,467.00                                           | \$2,013.00                               | \$862.00         | \$236.00          | \$120.00           | \$236.00           |

### Extra Heavy Weight/Duty/Lead Lined ALL OTHER DOOR THICKNESSES

| Model | Complete Closer<br>Specify Model, Hand<br>and Degree | LAP Specify<br>Model, Hand<br>and Degree | Top<br>Pivot Pkg         | Bottom<br>Arm Pkg                                                                                                     | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------|------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|
|       |                                                      |                                          |                          | 2" 252052R*                                                                                                           | 274050R*           |                    |
|       | L27N x door<br>thickness                             | L27N LAP                                 | L180 x door<br>thickness | 2" 252052L*<br>2-1/4" 252053R*<br>2-1/4" 252053L*<br>2-1/2" 252054R*<br>2-1/2" 252054L*<br>3" 252055R*<br>3" 252055L* | 274050L*           | 253001             |
|       | \$3,246.00                                           | \$1,817.00                               | \$615.00                 | \$458.00                                                                                                              | \$120.00           | \$236.00           |
|       | L27S x door<br>thickness                             | L27S LAP                                 | L180 x door              | See above                                                                                                             | 274750R*           | 253001             |
| ‡     |                                                      |                                          | LZTSLAF                  | L213 L/ (I                                                                                                            | thickness          | See above          |
|       | \$3,377.00                                           | \$1,948.00                               | \$615.00                 | \$458.00                                                                                                              | \$120.00           | \$236.00           |
|       | L27-180N x door                                      | L27-180N LAP                             | L180 x door              | See above                                                                                                             | 274050R*           | 252001             |
|       | thickness                                            | L27-180N LAP                             | thickness                | See above                                                                                                             | 274050L*           | 253001             |
|       | \$3,442.00                                           | \$2,013.00                               | \$615.00                 | \$458.00                                                                                                              | \$120.00           | \$236.00           |
|       | L27-180A x door                                      |                                          |                          | See above                                                                                                             | 274050R*           | 253001             |
|       | thickness                                            | L21-100/(L/AI                            | thickness                | Sec above                                                                                                             | 274050L*           | 233001             |
|       | \$3,573.00                                           | \$2,144.00                               | \$615.00                 | \$458.00                                                                                                              | \$120.00           | \$236.00           |

<sup>\*</sup>Finish required, see page 94

N = Non-Hold open A = Automatic Hold Open S= Selective Hold Open

Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts



### **Heavy Duty Offset Hung Floor Closers**

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 93

### Heavy Weight/Duty Quick Install

| Model | Complete Closer<br>Specify Model,<br>Hand and Degree | LAP Specify Model,<br>Hand and Degree | Top Pivot<br>Pkg | Bottom Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg | Intermediate<br>Pivot *Cannot<br>be ordered less<br>intermediate<br>pivot |      |
|-------|------------------------------------------------------|---------------------------------------|------------------|----------------|--------------------|--------------------|---------------------------------------------------------------------------|------|
|       | Q27N                                                 | Q27N LAP                              | 180              | 222050R*       | 294050R*           | 253000-PKG         | M19                                                                       |      |
|       | Q27N                                                 | Q27N LAP                              | 160              | 222050L*       | 294050L*           | 233000-PKG         | WITS                                                                      |      |
|       | \$2,572.00                                           | \$1,459.00                            | \$251.00         | \$271.00       | \$120.00           | \$111.00           | \$360.00                                                                  |      |
|       | 0275                                                 | 0275 LAD                              | 180              | 222050R*       | 294750R*           | 253000-PKG         | M10                                                                       |      |
|       | Q27S Q27S LAP 180                                    | 222050L*                              | 294750L*         | 253000-PKG     | M19                |                    |                                                                           |      |
|       | \$2,703.00                                           | \$1,590.00                            | \$251.00         | \$271.00       | \$120.00           | \$111.00           | \$360.00                                                                  |      |
|       | FQ27N 🕦                                              | Q27N LAP                              | F100             | 222050R*       | 294050R*           | 253000-PKG         | FM10                                                                      |      |
|       |                                                      |                                       | Q211N LAP        | F180           | 222050L*           | 294050L*           | 253000-PKG                                                                | FM19 |
|       | \$3,317.00                                           | \$1,459.00                            | \$589.00         | \$271.00       | \$120.00           | \$111.00           | \$767.00                                                                  |      |
|       | OTOZNI                                               | 027N LAD                              | 100              | 222050R*       | NI/A               | 253000-PKG         | M10                                                                       |      |
|       | QT27N                                                | Q27N LAP                              | 180              | 222050L*       | N/A                | 253000-PKG         | M19                                                                       |      |
|       | \$2,452.00                                           | \$1,459.00                            | \$251.00         | \$271.00       | -                  | \$111.00           | \$360.00                                                                  |      |
|       | QT27S                                                | 227. 027.140                          | 180              | 222050R*       | NI/A               | 253000-PKG         | M19                                                                       |      |
|       | QIZIS                                                | Q27S LAP                              | 160              | 222050L*       | N/A                | 233000-PKG         | WITS                                                                      |      |
|       | \$2,583.00                                           | \$1,590.00                            | \$251.00         | \$271.00       | _                  | \$111.00           | \$360.00                                                                  |      |
|       | FOTOZNI (II)                                         | 027NJAD                               | F100             | 222050R*       | NI/A               | 252000 DVC         | FM10                                                                      |      |
|       | FQT27N 🕦                                             | Q27N LAP                              | F180             | Q27N LAP F180  | 222050L*           | N/A                | 253000-PKG                                                                | FM19 |
|       | \$3,197.00                                           | \$1,459.00                            | \$589.00         | \$271.00       | _                  | \$111.00           | \$767.00                                                                  |      |

#### Heavy Weight/Duty HM Door and Frame Preps -

| Model    | Complete<br>Closer Specify Model,<br>Hand and Degree | LAP Specify<br>Model, Hand<br>and Degree | Hinge Pkg<br>(3 per pkg) | Bottom<br>Arm Pkg      | Floor Plate<br>Pkg | Cement<br>Case Pkg |            |
|----------|------------------------------------------------------|------------------------------------------|--------------------------|------------------------|--------------------|--------------------|------------|
|          | HM27N & <b>(b)</b>                                   | 27N LAP                                  | 254545*-PK               | 222050R*HM             | 274050R*           | 253000-PKG         |            |
| (3 Each) | FHM27N                                               | FHM27N U 27N LAP                         | 234343 -PK               | 222050L*HM             | 274050L*           | 233000-PNG         |            |
| (,       | \$2,514.00                                           | \$1,310.00                               | \$702.00                 | \$271.00               | \$120.00           | \$111.00           |            |
|          | UM270                                                | 276140                                   | 276 LAD                  | 276   AD 25 45 45 * DV | 222050R*HM         | 274750R*           | 252000 DVC |
|          | HM27S                                                | 27S LAP                                  | 254545*-PK               | 222050L*HM             | 274750L*           | 253000-PKG         |            |
|          | \$2,645.00                                           | \$1,441.00                               | \$702.00                 | \$271.00               | \$120.00           | \$111.00           |            |

\*Finish required, see page 94
N=Non Hold Open A=Automatic Hold Open S=Selective Hold Open
Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts

### **Heavy Duty Offset Hung Floor Closers**

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 93

### Standard Weight/Duty 180° Swing ------

| Model | Complete Closer<br>Specify Model and<br>Hand | LAP Specify<br>Model and Hand | Top<br>Pivot Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|----------------------------------------------|-------------------------------|------------------|-------------------|--------------------|--------------------|
|       | 20N                                          | 20N LAP                       | 180              | 252050R*          | 204050R*           | 203000             |
|       | 2011                                         | 20IN   20IN LAP               | 180              | 252050L*          | 204050L*           | 203000             |
|       | \$2,021.00                                   | \$1,406.00                    | \$251.00         | \$133.00          | \$120.00           | \$111.00           |
|       | 520N                                         | F20N <b>(L)</b> 20N LAP       | 5100             | 252050R*          | 204050R*           | 202000             |
|       | F20N (U)                                     |                               | ZUN LAP          | F180              | 252050L*           | 204050L*           |
|       | \$2,359.00                                   | \$1,406.00                    | \$589.00         | \$133.00          | \$120.00           | \$111.00           |

\*Finish required, see page 94
N=Non Hold Open A=Automatic Hold Open S=Selective Hold Open
Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts

## **Heavy Duty Center Hung Floor Closers**

Options on page 93

### Heavy Weight/Duty Single Acting -----

| Model | Complete Closer<br>Specify Model, Hand<br>and Degree | LAP Specify<br>Model, Hand<br>and Degree | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------|------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | 28N x 554                                            | 28N LAP                                  | 340              | 282554            | 284020R*           | 253000-PKG         |
| - AO  | 2011 X 354                                           | 2014 12 11                               | 340              | 202334            | 284020L*           | 255000 T KG        |
| l t   | \$1,864.00                                           | \$1,300.00                               | \$163.00         | \$163.00          | \$127.00           | \$111.00           |
|       | 20C v FF4                                            | 28S LAP                                  | 340              | 282554            | 284720R*           | 253000-PKG         |
|       | 28S x 554                                            | 283 LAP                                  | 340              | 282334            | 284720L*           |                    |
|       | \$1,995.00                                           | \$1,431.00                               | \$163.00         | \$163.00          | \$127.00           | \$111.00           |
|       | 28N                                                  | 28N LAP                                  | 340              | 202026 *          | 284020R*           | 253000-PKG         |
|       | 2011                                                 | ZON LAP                                  |                  | 282026-*          | 284020L*           | 253000-PKG         |
|       | \$1,864.00                                           | \$1,300.00                               | \$163.00         | \$163.00          | \$127.00           | \$111.00           |
|       | 285                                                  | 28S LAP                                  | 240              | 282026-*          | 284720R*           | 253000-PKG         |
|       | 263                                                  | 203 LAP                                  | 340              | 202020-1          | 284720L*           | 233000-PNG         |
|       | \$1,995.00                                           | \$1,431.00                               | \$163.00         | \$163.00          | \$127.00           | \$111.00           |

\*Finish required, see page 94 N= Non-Hold open A= Automatic Hold Open Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts

### **Heavy Duty Center Hung Floor Closers**

Options on page 93

### Extra Heavy Weight/Duty Single Acting ------

| Model | Complete Closer<br>Specify Model<br>Hand and Degree | LAP Specify<br>Model Hand<br>and Degree | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|-----------------------------------------------------|-----------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | H28N                                                | H28N LAP                                | H340             | 262022            | 284020R*           | 253001             |
|       | П28ІЧ                                               | MZON LAP                                | H340             | 202022            | 284020L*           | 253001             |
|       | \$3,152.00                                          | \$1,512.00                              | \$536.00         | \$741.00          | \$127.00           | \$236.00           |
|       | Hanc                                                | LIDOCIAD                                | 112.40           | 262022            | 284720R*           | 253001             |
|       | H28S                                                | H28S LAP                                | H340             | 262022            | 284720L*           |                    |
|       | \$3,283.00                                          | \$1,643.00                              | \$536.00         | \$741.00          | \$127.00           | \$236.00           |
|       | 1120N F07                                           | LIDONIAD                                | 112.40           | 262507            | 284020R*           | 252001             |
|       | H28N x 587                                          | H28N LAP                                | H340             | 262587            | 284020L*           | 253001             |
|       | \$3,152.00                                          | \$1,512.00                              | \$536.00         | \$741.00          | \$127.00           | \$236.00           |
| 0.00  | 11200 507                                           | LIDOCIAD                                | 112.40           | 262507            | 284720R*           | 252001             |
|       | H28S x 587                                          | H28S LAP                                | H340             | 262587            | 284720L*           | 253001             |
|       | \$3,283.00                                          | \$1,643.00                              | \$536.00         | \$741.00          | \$127.00           | \$236.00           |

\*Finish required, see page 94 N = Non-Hold open A = Automatic Hold Open S = Selective Hold Open Note: Buying program discount on Pivots applies when Pivots are ordered separately LAP = Less All Parts

## **Heavy Duty Center Hung Floor Closers**

Options on page 93

### Patch Fittings/Single Acting -----

| Model | Complete Closer<br>Specify Model, Hand<br>and Degree | LAP Specify<br>Model, Hand and<br>Degree | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------|------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | 328N                                                 | 328N LAP                                 | N/A              | N/A               | 284020R*           | 253000-PKG         |
|       | 32011                                                | JZON LAF                                 | N/A              | N/A               | 284020L*           | 233000-FRG         |
|       | \$1,538.00                                           | \$1,300.00                               | _                | _                 | \$127.00           | \$111.00           |
|       | 3285                                                 | 2200140                                  | NUA              | NI/A              | 284720R*           | 253000-PKG         |
|       | 3283                                                 | 328S LAP                                 | N/A              | N/A               | 284720L*           | 253000-PKG         |
|       | \$1,669.00                                           | \$1,431.00                               | -                | _                 | \$127.00           | \$111.00           |
|       | 428N                                                 | 420N LAD                                 | 7404*DV          | 740E*DV           | 284020R*           | 253000-PKG         |
|       | 428N                                                 | N 428N LAP 7494*PK 7495*PK               | 7495 PK          | 284020L*          | 253000-PKG         |                    |
|       | \$2,249.00                                           | \$1,300.00                               | \$350.00         | \$361.00          | \$127.00           | \$111.00           |
|       | 4285                                                 | 428S LAP                                 | 7494*PK          | 7495*PK           | 284720R*           | 252000 DVC         |
|       | 4283                                                 | 4203 LAP                                 | 1494 PK          | 1493 PK           | 284720L*           | 253000-PKG         |
|       | \$2,380.00                                           | \$1,431.00                               | \$350.00         | \$361.00          | \$127.00           | \$111.00           |

### Thru-wire/Power Transfer Single Acting ------

| Model | Specify Model, Hand,<br>Degree<br>and Number<br>of Wires | LAP Specify Model,<br>Hand, Degree and<br>Number of Wires | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg   | Cement<br>Case Pkg |
|-------|----------------------------------------------------------|-----------------------------------------------------------|------------------|-------------------|----------------------|--------------------|
| 0     | EH28N                                                    | EH28N LAP                                                 | H340             | 262022            | 284020R*<br>284020L* | 253001             |
|       | \$3,443.00                                               | \$1,803.00                                                | \$536.00         | \$741.00          | \$127.00             | \$236.00           |
|       | EH28S                                                    | EH28S LAP                                                 | H340             | 262022            | 284720R*<br>284720L* | 253001             |
|       | \$3,574.00                                               | \$1,934.00                                                | \$536.00         | \$741.00          | \$127.00             | \$236.00           |
| ф -   | EH28N x 587                                              | EH28N LAP                                                 | H340             | 262587            | 284020R*             | 253001             |
|       | LI 1281N X 387                                           | LI IZON LAF                                               | 11340            | 202381            | 284020L*             | 233001             |
|       | \$3,443.00                                               | \$1,803.00                                                | \$536.00         | \$741.00          | \$127.00             | \$236.00           |
|       | EH28S x 587                                              | EH28S LAP                                                 | H340             | 262587            | 284720R*<br>284720L* | 253001             |
|       | \$3,574.00                                               | \$1,934.00                                                | \$536.00         | \$741.00          | \$127.00             | \$236.00           |

\*Finish required, see page 94
N=Non Hold Open A=Automatic Hold Open S=Selective Hold Open
Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts

### **Heavy Duty Center Hung Floor Closers**

Options on page 93

| Heavy | Weight | /Duty | <b>Double</b> | Acting - |
|-------|--------|-------|---------------|----------|
|       |        |       |               |          |

| Model | Complete Closer<br>Specify Model<br>and Degree<br>(If Hold Open) | LAP Specify<br>Model & Degree (If<br>Hold Open) | Top<br>Pivot Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | 30N                                                              | 30N LAP                                         | 340              | 302026            | 304020-*           | 303000             |
|       | \$2,274.00                                                       | \$1,651.00                                      | \$163.00         | \$163.00          | \$169.00           | \$128.00           |
|       | 30A                                                              | 30A LAP                                         | 340              | 302026            | 304020-*           | 303000             |
|       | \$2,405.00                                                       | \$1,782.00                                      | \$163.00         | \$163.00          | \$169.00           | \$128.00           |
|       | 40N                                                              | 40N LAP                                         | 340              | 302026            | 404020-*           | 403000             |
|       | \$2,338.00                                                       | \$1,682.00                                      | \$163.00         | \$163.00          | \$162.00           | \$168.00           |
|       | 40A                                                              | 40A LAP                                         | 340              | 302026            | 404020-*           | 403000             |
|       | \$2,469.00                                                       | \$1,813.00                                      | \$163.00         | \$163.00          | \$162.00           | \$168.00           |

### Extra Heavy Weight/Duty Double Acting •

| Model | Complete Closer<br>Specify Model<br>and Degree<br>(If Hold Open) | LAP Specify<br>Model & Degree (If<br>Hold Open) | Top<br>Pivot Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------|--------------------|--------------------|
|       | H40N                                                             | H40N LAP                                        | H340             | 262022            | 404020-*           | 403000             |
|       | \$4,380.00                                                       | \$2,773.00                                      | \$536.00         | \$741.00          | \$162.00           | \$168.00           |
|       | H40A                                                             | H40A LAP                                        | H340             | 262022            | 404020-*           | 403000             |
|       | \$4,511.00                                                       | \$2,904.00                                      | \$536.00         | \$741.00          | \$162.00           | \$168.00           |
|       | H40N X 587                                                       | H40N LAP                                        | H340             | 262587            | 404020-*           | 403000             |
|       | \$4,380.00                                                       | \$2,773.00                                      | \$536.00         | \$741.00          | \$162.00           | \$168.00           |
|       | H40A X 587                                                       | H40A LAP                                        | H340             | 262587            | 404020-*           | 403000             |
| !     | \$4,511.00                                                       | \$2,904.00                                      | \$536.00         | \$741.00          | \$162.00           | \$168.00           |

\*Finish required, see page 94 N= Non-Hold open A= Automatic Hold Open Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts

## Heavy Duty Floor Closers Options

**Quick Reference Options** 

| Prefix | Description                                                                                                                                                                                                                                                                                                                                                                             | Price    |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| РН     | Physically Handicapped 5 lbs. of opening force for ADA compliance for interior doors. If used on exterior or fire doors, the low opening force may not be enough to close the door. PH is also available in 8.5 lbs. of opening force. Suffix 8.5 lbs. when ordering. Rixson will not be responsible if exterior or fire doors will not completely close when PH products are supplied. | \$0.00   |
| DA     | Delayed Action holds door open at 70 degrees for up to 40 seconds. DA cannot be ordered with hold open closers. Not available in Models 30 and 40.                                                                                                                                                                                                                                      | \$145.00 |
| SC     | Sealing a closer protects it from moisture. Cement case and closer body are gasketed and fastened together. Closer must be ordered with cement case and shipped at the same time.                                                                                                                                                                                                       | \$162.00 |
| w      | Reinforcement bracket that protects door skin for center hung wood doors using arm 282026, 302026.                                                                                                                                                                                                                                                                                      | \$0.00   |

| Suffix   | Description                                                                                                                                                                                    | Price                                                                   |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Ext Spdl | To accommodate special floor conditions, the spindle can be ordered in 1/2" increments up to and including 2" longer. Closer must be ordered with longer spindle, it cannot be field adjusted. | \$149.00                                                                |
| Torx     | Security screws. Only provided for screws visible.                                                                                                                                             | \$281.00                                                                |
| CWF      | Cold weather fluid for temperatures consistently below 0 degrees.                                                                                                                              | \$65.00                                                                 |
| -20      | 20 minute UL listing for smoke doors. Do not prefix F.                                                                                                                                         | \$28.00                                                                 |
| 8.5#     | Prefix PH when ordering this light opening force. Rixson will not be responsible if door will not completely close when PH products are supplied.                                              | \$0.00                                                                  |
| SPLO     | Special layout that may require special templating and/or products                                                                                                                             | Excluded<br>from buying<br>program<br>Contact<br>factory for<br>pricing |

### Heavy Duty Floor Closers Accessories How To Order

#### Door Control Accessories

|     |         |                                                                                         | Price    |  |  |  |
|-----|---------|-----------------------------------------------------------------------------------------|----------|--|--|--|
|     | 1101    | Cement Case for use with expansion joints, (handed)                                     | \$541.00 |  |  |  |
|     | 79501   | Cement Case for use with shallow floors (non-handed)                                    |          |  |  |  |
|     | 25204   | Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers. | ¢250.00  |  |  |  |
|     | 25304   | Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.     | \$259.00 |  |  |  |
|     | 846*    | Cover Pan for 27 closer, specify depth, hand 1-3/4 doors only                           |          |  |  |  |
|     | 3910*   | Cover Pan for L27 closer, specify depth, hand 1-3/4 doors only                          |          |  |  |  |
|     | 2237*   | Cover Pan for 28 closer x 554 flat arm, specify depth, hand.                            | \$800.00 |  |  |  |
|     | 841*    | Cover Pan for 28 closer, centering arm, specify depth, hand.                            |          |  |  |  |
|     | 841B*   | Cover Pan for H28 and H28 x 587 arm closers, specify depth, hand                        |          |  |  |  |
| 000 | 60131   | Lock edge applied stop for center hung doors. Specify finish.                           | \$87.00  |  |  |  |
|     | 1859001 | Quickspotter Installation 25, 27, 28, 30, 40                                            | £11C 00  |  |  |  |
|     | 1859501 | Quickspotter Installation for Q27                                                       | \$116.00 |  |  |  |

<sup>\*</sup> Specify stainless steel or brass

#### How To Order

|                    | F                                                                                                             | 27                                                                                                                | 90 Degree                                                                             | N                                                                                | x 1/2" Ext Spindle                                                                                                  |                                                                                                                                                                                                                                                                                                                                         | x RH                                             | x 626                                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | Prefix                                                                                                        | Model                                                                                                             | of Swing                                                                              | Hold Open                                                                        | Suffix                                                                                                              |                                                                                                                                                                                                                                                                                                                                         | Hand                                             | Finish                                                                                                                                                                                                                                                |
| DA<br>PH<br>F<br>W | Delayed<br>Action<br>Lighter<br>Spring<br>(ADA)<br>Fire<br>Rated<br>Doors<br>Wood<br>Door<br>(center<br>hung) | 27<br>127<br>427<br>327<br>L27<br>Q27<br>QT27<br>HM27<br>20<br>28<br>H28<br>328<br>428<br>EH28<br>30<br>40<br>H40 | 85<br>90<br>95<br>105<br>100 – (30 and<br>40 Series)<br>180 – (20 and<br>27-180 only) | N = Non-Hold<br>Open<br>A = Automatic<br>Hold Open<br>S = Selective<br>Hold Open | 1-1/2OS<br>2"<br>2-1/4"<br>2-1/2"<br>3"<br>554<br>587<br>Ext Spdl<br>-20<br>8.5#<br>LAP<br>LFP<br>LCC<br>LTP<br>CWF | 1-1/2" Offset  Door Thickness L Series Product Only  Concealed Arm (28) H Arm (H28, H40) Extended Spindle 20 Minute label Optional PH Spring Less All Parts Less Floor Plate Less Cement Case Less Top Pivot Cold Weather Fluid - Depth for Cover Pan - # of Wires for Electrified Product Security Screws (Offset Only) Special Layout | Blank (30 & 40)<br>RH Right Hand<br>LH Left Hand | 605 Bright Brass 606 Satin Brass 611 Bright Bronze 612 Satin Bronze 613 Dark Bronze 613E Dark Oxidized Satin Bronze - Equivalent 618 Bright Nickel 619 Satin Nickel 622 Flat Black 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede |

### **Shallow Depth Offset Hung Floor Closers**

Note: All fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 101

### Standard Weight/Duty 3/4" Offset ------

| Model | Complete Closer<br>Specify Model, Hand<br>& Degree<br>(If Hold Open) | LAP Specify<br>Model, Hand &<br>Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case Pkg |
|-------|----------------------------------------------------------------------|----------------------------------------------------------|------------------|-------------------|--------------------|-----------------|
|       | 5103NBC<br>5104NBC                                                   | 5103NBC LAP<br>5104NBC LAP                               | 180              | 252050R*          | 4000500R*XXE       | 4000301         |
|       | 5105NBC                                                              | 5105NBC LAP                                              | 100              | 252050L*          | 4000500L*XXE       | 1000301         |
|       | \$1,917.00                                                           | \$1,279.00                                               | \$251.00         | \$133.00          | \$127.00           | \$127.00        |
|       | 5103ABC<br>5104ABC                                                   | 5103ABC LAP<br>5104ABC LAP                               | 180              | 252050R*          | 4000500R*XXE       | 4000301         |
|       | 5105ABC                                                              | 5105ABC LAP                                              | 100              | 252050L*          | 4000500L*XXE       | 1000301         |
|       | \$1,974.00                                                           | \$1,336.00                                               | \$251.00         | \$133.00          | \$127.00           | \$127.00        |
|       | F5103NBC<br>F5104NBC                                                 | 5103NBC LAP<br>5104NBC LAP                               | F180             | 252050R*          | 4000500R*XXE       | 4000301         |
|       | F5104NBC <b>(</b> F5105NBC <b>(</b> C)                               | 5105NBC LAP                                              | 1.00             | 252050L*          | 4000500L*XXE       | 1113301         |
|       | \$2,255.00                                                           | \$1,279.00                                               | \$589.00         | \$133.00          | \$127.00           | \$127.00        |

\*Finish required, see page 102 NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

### **Shallow Depth Offset Hung Floor Closers**

Note: All fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 101

### Standard Weight/Duty 1-1/2" Offset -----

| Model        | Complete Closer Specify<br>Model, Hand & Degree<br>(If Hold Open) | LAP Specify<br>Model, Hand &<br>Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case<br>Pkg |
|--------------|-------------------------------------------------------------------|----------------------------------------------------------|------------------|-------------------|--------------------|--------------------|
|              | 5103NBC x 1-1/2OS<br>5104NBC x 1-1/2OS                            | 5103NBC LAP<br>5104NBC LAP                               | 180 x 1-1/2OS    | 252060R*          | 4000500R*XXE       | 4000301            |
|              | 5105NBC x 1-1/20S                                                 | 5105NBC LAP                                              | 180 X 1-1/203    | 252060L*          | 4000500L*XXE       | 4000301            |
|              | \$2,192.00                                                        | \$1,279.00                                               | \$454.00         | \$205.00          | \$127.00           | \$127.00           |
| <del> </del> | 5103ABC x 1-1/2OS                                                 | 5103ABC LAP                                              | 190 v 1 1/200    | 252060R*          | 4000500R*XXE       | 4000301            |
|              | 5104ABC x 1-1/2OS<br>5105ABC x 1-1/2OS                            | 5104ABC LAP   180 x 1-1,<br>5105ABC LAP                  | 180 x 1-1/2OS    | 252060L*          | 4000500L*XXE       | 4000301            |
|              | \$2,249.00                                                        | \$1,336.00                                               | \$454.00         | \$205.00          | \$127.00           | \$127.00           |
|              | F5103NBC x 1-1/2OS                                                | 5103NBC LAP                                              | F190 v 1 1/200   | 252060R*          | 4000500R*XXE       | 4000201            |
|              | F5104NBC x 1-1/2OS<br>F5105NBC x 1-1/2OS                          | 5104NBC LAP<br>5105NBC LAP                               | F180 x 1-1/2OS   | 252060L*          | 4000500L*XXE       | 4000301            |
|              | \$2,688.00                                                        | \$1,279.00                                               | \$950.00         | \$205.00          | \$127.00           | \$127.00           |

#### **Independently Hung** (Hanging Means Affect Pricing and Must be noted when ordering)

| Model                     | Complete Closer Specify<br>Model, Hand and Hanging<br>Means | LAP Specify Model &<br>Hand               | Top Pivot<br>Pkg | Bottom Arm Pkg | Floor Plate Pkg | Cement Case Pkg |
|---------------------------|-------------------------------------------------------------|-------------------------------------------|------------------|----------------|-----------------|-----------------|
| Parallel to Frame         | **F5303NBC<br>**F5304NBC<br>**F5305NBC <b>(</b>             | 5303NBC LAP<br>5304NBC LAP<br>5305NBC LAP | N/A              | 3252010-*      | 4000600-*XXE    | 4000301         |
|                           | \$1,928.00                                                  | \$1,279.00                                | _                | \$395.00       | \$127.00        | \$127.00        |
| Perpendicular<br>to Frame | **F5313NBC <b>(4)</b><br>**F5314NBC<br>**F5315NBC           | 5313NBC LAP<br>5314NBC LAP<br>5315NBC LAP | FM19             | 3252010-*      | 4000600-*XXE    | 4000301         |
|                           | \$2,761.00                                                  | \$1,345.00                                | \$767.00         | \$395.00       | \$127.00        | \$127.00        |

<sup>\*</sup>Finish required, see page 102

NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP= Less All Parts

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.



## **Shallow Depth Offset Hung Floor Closers**

Note: All fire rated openings must have a minimum of one intermediate pivot. See page 120 Options on page 101

### Standard Weight/Duty Quick Install

| Model | Complete Closer<br>Specify Model,<br>Hand & Degree<br>(If Hold Open) | LAP Specify Model,<br>Hand & Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg           | Cement<br>Case Pkg | Intermediate<br>Pivot |  |
|-------|----------------------------------------------------------------------|-------------------------------------------------------|------------------|-------------------|------------------------------|--------------------|-----------------------|--|
|       | Q5103NBC<br>Q5104NBC                                                 | Q5103NBC LAP<br>Q5104NBC LAP                          | 180              | 222050R*          | 4000501R*XXE                 | 4000301            | M19                   |  |
|       | Q5104NBC<br>Q5105NBC                                                 | Q5105NBC LAP                                          | 100              | 222050L*          | 4000501L*XXE                 | 4000301            | MI9                   |  |
|       | \$2,500.00                                                           | \$1,364.00                                            | \$251.00         | \$271.00          | \$127.00                     | \$127.00           | \$360.00              |  |
|       | Q5103ABC                                                             | Q5103ABC LAP                                          | 100              | 222050R*          | 4000501R*XXE                 | 4000201            | M19                   |  |
| г.    | Q5104ABC<br>Q5105ABC                                                 | Q5104ABC LAP<br>Q5105ABC LAP                          | 180              | 222050L*          | 4000501LXXE*                 | 4000301            | MITS                  |  |
|       | \$2,557.00                                                           | \$1,421.00                                            | \$251.00         | \$271.00          | \$127.00                     | \$127.00           | \$360.00              |  |
|       | FQ5103NBC                                                            | Q5103NBC LAP<br>Q5104NBC LAP<br>Q5105NBC LAP          | F180             | 222050R*          | 4000501R*XXE<br>4000501L*XXE | 4000301            | FM19                  |  |
|       | FQ5104NBC<br>FQ5105NBC                                               |                                                       |                  | 222050L*          |                              |                    |                       |  |
|       | \$3,245.00                                                           | \$1,364.00                                            | \$589.00         | \$271.00          | \$127.00                     | \$127.00           | \$767.00              |  |
|       | QT5103NBC<br>OT5104NBC                                               | Q5103NBC LAP<br>O5104NBC LAP                          | 180              | 222050R*          | NI/A                         | 4000301            | M19                   |  |
|       | QT5104NBC<br>QT5105NBC                                               | Q5105NBC LAP                                          | 180              | 222050L*          | N/A                          | 4000301            | MT9                   |  |
|       | \$2,373.00                                                           | \$1,364.00                                            | \$251.00         | \$271.00          | ı                            | \$127.00           | \$360.00              |  |
|       | QT5103ABC                                                            | Q5103ABC LAP                                          | 100              | 222050R*          | NI/A                         | 4000201            | M10                   |  |
|       | QT5104ABC Q5104ABC LAP<br>QT5105ABC Q5105ABC LAP                     |                                                       | 180              | 222050L*          | N/A                          | 4000301            | M19                   |  |
|       | \$2,430.00                                                           | \$1,421.00                                            | \$251.00         | \$271.00          | -                            | \$127.00           | \$360.00              |  |
|       | FQT5103NBC                                                           |                                                       | F100             | 222050R*          | NI/A                         | 4000204            | F) 410                |  |
|       | FQT5104NBC<br>FQT5105NBC                                             | Q5104NBC LAP<br>Q5105NBC LAP                          | F180             | 222050L*          | N/A                          | 4000301            | FM19                  |  |
|       | \$3,118.00                                                           | \$1,364.00                                            | \$589.00         | \$271.00          | -                            | \$127.00           | \$767.00              |  |

\*Finish required, see page 102 NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP= Less All Parts

### **Shallow Depth Offset Hung Floor Closers**

Note: All fire rated openings must have a minimum of 3 hinges. Options on page 101

### Standard Weight/Duty HM Door and Frame Preps -

| Model | Complete Closer Specify<br>Model,<br>Hand & Degree<br>(If Hold Open) | LAP Specify Model, Hand<br>& Degree<br>(If Hold Open) | Hinge Pkg<br>(3 per pkg) | Bottom<br>Arm Pkg | Floor<br>Plate Pkg | Cement<br>Case Pkg |
|-------|----------------------------------------------------------------------|-------------------------------------------------------|--------------------------|-------------------|--------------------|--------------------|
|       | HM5103NBC<br>HM5104NBC                                               | 5103NBC LAP<br>5104NBC LAP                            | 254545*PK                | 222050R*HM        | 4000501R*XXE       | 4000201            |
| 0     | HM5105NBC 5105NBC LAP                                                |                                                       | 234343 PK                | 222050L*HM        | 4000501L*XXE       | 4000301            |
|       | \$2,506.00                                                           | \$1,279.00                                            | \$702.00                 | \$271.00          | \$127.00           | \$127.00           |
| 0 0   | HM5103ABC<br>HM5104ABC                                               | 5103ABC LAP<br>5104ABC LAP                            | 254545*PK                | 222050R*HM        | 4000501R*XXE       | 4000301            |
|       | HM5105ABC                                                            | 5105ABC LAP                                           | 254545 PK                | 222050L*HM        | 4000501L*XXE       |                    |
|       | \$2,563.00                                                           | \$1,336.00                                            | \$702.00                 | \$271.00          | \$127.00           | \$127.00           |
|       | FHM5103NBC                                                           | 5103NBC LAP                                           | 25 45 45*DV              | 222050R*HM        | 4000501R*XXE       | 4000201            |
|       | FHM5104NBC<br>FHM5105NBC                                             | 5104NBC LAP<br>5105NBC LAP                            | 254545*PK                | 222050L*HM        | 4000501L*XXE       | 4000301            |
|       | \$2,506.00                                                           | \$1,279.00                                            | \$702.00                 | \$271.00          | \$127.00           | \$127.00           |

\*Finish required, see page 102 NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Parts

# **Shallow Depth Center Hung Floor Closers**

Options on page 101

### Standard Weight / Duty Single Acting

| Model                                   | Complete Closer<br>Specify Model,<br>Hand & Degree<br>(If Hold Open) | LAP Specify Model,<br>Hand & Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case<br>Pkg |
|-----------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|------------------|-------------------|--------------------|--------------------|
|                                         | 5013NBC x 554<br>5014NBC x 554<br>5015NBC x 554                      | 5013NBC LAP<br>5014NBC LAP<br>5015NBC LAP             | 340              | 282554            | 4000600-*XXE       | 4000301            |
|                                         | \$1,859.00                                                           | \$1,279.00                                            | \$163.00         | \$163.00          | \$127.00           | \$127.00           |
|                                         | 5013ABC x 554<br>5014ABC x 554<br>5015ABC x 554                      | 5013ABC LAP<br>5014ABC LAP<br>5015ABC LAP             | 340              | 282554            | 4000600-*XXE       | 4000301            |
|                                         | \$1,916.00                                                           | \$1,336.00                                            | \$163.00         | \$163.00          | \$127.00           | \$127.00           |
| 4                                       | 5013NBC<br>5014NBC<br>5015NBC                                        | 5013NBC LAP<br>5014NBC LAP<br>5015NBC LAP             | 340              | 282026*           | 4000600-*XXE       | 4000301            |
|                                         | \$1,859.00                                                           | \$1,279.00                                            | \$163.00         | \$163.00          | \$127.00           | \$127.00           |
| *************************************** | 5013ABC<br>5014ABC<br>5015ABC                                        | 5013ABC LAP<br>5014ABC LAP<br>5015ABC LAP             | 340              | 282026*           | 4000600-*XXE       | 4000301            |
|                                         | \$1,916.00                                                           | \$1,336.00                                            | \$163.00         | \$163.00          | \$127.00           | \$127.00           |

\*Finish required, see page 102 NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP= Less All Parts

Options on page 101

### Standard Weight/Duty Double Acting ------

| Model                                 | Complete Closer<br>Specify Model, Hand<br>& Degree<br>(If Hold Open) | LAP Specify Model,<br>Hand & Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm Pkg | Floor Plate<br>Pkg | Cement Case Pkg |
|---------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|------------------|----------------|--------------------|-----------------|
|                                       | 5023NBC<br>5024NBC<br>5025NBC                                        | 5023NBC LAP<br>5024NBC LAP<br>5025NBC LAP             | 340              | 282026*        | 4000600-*XXE       | 4000301         |
|                                       | \$1,946.00                                                           | \$1,366.00                                            | \$163.00         | \$163.00       | \$127.00           | \$127.00        |
| # # # # # # # # # # # # # # # # # # # | 5023ABC<br>5024ABC<br>5025ABC                                        | 5023ABC LAP<br>5024ABC LAP<br>5025ABC LAP             | 340              | 282026*        | 4000600-*XXE       | 4000301         |
|                                       | \$2,003.00                                                           | \$1,423.00                                            | \$163.00         | \$163.00       | \$127.00           | \$127.00        |

### Patch Fittings Single Acting

|       | terr realigo single realing                                          |                                                       |           |              |              |             |  |  |
|-------|----------------------------------------------------------------------|-------------------------------------------------------|-----------|--------------|--------------|-------------|--|--|
| Model | Complete Closer<br>Specify Model, Hand<br>& Degree<br>(If Hold Open) | LAP Specify Model,<br>Hand & Degree<br>(If Hold Open) | Top Patch | Bottom Patch | Floor Plate  | Cement Case |  |  |
|       | 5043NBC<br>5044NBC<br>5045NBC                                        | 5043NBC LAP<br>5044NBC LAP<br>5045NBC LAP             | 7494*PK   | 7495*PK      | 4000600-*XXE | 4000301     |  |  |
|       | \$2,244.00                                                           | \$1,279.00                                            | \$350.00  | \$361.00     | \$127.00     | \$127.00    |  |  |
|       | 5043ABC<br>5044ABC<br>5045ABC                                        | 5043ABC LAP<br>5044ABC LAP<br>5045ABC LAP             | 7494*PK   | 7495*PK      | 4000600-*XXE | 4000301     |  |  |
|       | \$2,301.00                                                           | \$1,336.00                                            | \$350.00  | \$361.00     | \$127.00     | \$127.00    |  |  |

\*Finish required, see page 102

NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Parts

### Shallow Depth Floor Closers Options Accessories

### **Quick Reference Options**

| Prefix   | Description                                                                                                                                                                      | Price                                                             |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| DA       | Delayed Action holds door open at 70 degrees for up to 40 seconds. Closers with this feature will not have backcheck. DA cannot be ordered with hold open closers                | \$170.00                                                          |
| W        | For center hung wood doors using arm 282026.                                                                                                                                     | \$0.00                                                            |
| Suffix   | Description                                                                                                                                                                      | Price                                                             |
| Ext Spdl | To accommodate special floor conditions, the spindle can be ordered with longer spindle 1/2" increments up to and including 2" longer.                                           | \$85.00                                                           |
| Torx     | Security screws. Only provided for screws visible.                                                                                                                               | \$281.00                                                          |
| -20      | 20 minute UL listing for smoke doors. Do not prefix F.                                                                                                                           | \$28.00                                                           |
| SPLO     | Special layout that may require special templating and/or products                                                                                                               | Excluded from<br>buying program<br>Consult factory<br>for pricing |
| SC       | Sealing a closer protects it from moisture. Cement case and closer body are gasketed and fastened together. Closer must be ordered with cement case and shipped at the same time | \$162.00                                                          |

#### **Door Control Accessories ---**

|            | 2637*   | Cover Pan for 51 closer, specify depth.                            |            |
|------------|---------|--------------------------------------------------------------------|------------|
|            | 2807D*  | Cover Pan for 53 closer, specify depth.                            | 64.472.00  |
|            | 2807B*  | Cover Pan for 50 closer x 554 flat arm, specify depth.             | \$1,172.00 |
|            | 2807A*  | Cover Pan for 50 closer, centering arm, specify depth.             |            |
| <b>\$0</b> | 60131   | Lock edge applied stop for center hung doors, specify finish       | \$87.00    |
|            | 1855051 | 50/51/53 Quickspotter. Quickspotter Installation Tool for 50/51/53 | \$116.00   |

<sup>\*</sup>Specify stainless steel or brass

| F<br>Prefix                                                       | 510<br>Model                                                                                                                                                                                                                                                       | 3<br>Spring<br>Size | NBC<br>Function                                                             | x.                                        | 1-1/2" Offset<br>Suffix                                                                                                                                    | x RH Hand                                     |                                                                                          | x 626<br>Finish                                                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DA Delayed<br>Action  F Fire Rated Doors  W Wood Dr (center hung) | <ul> <li>510 Offset</li> <li>530 Independently Hung Parallel to Frame</li> <li>531 Independently Hung Perpendicular to Frame</li> <li>501 Center Hung Single Acting</li> <li>502 Center Hung Double Acting</li> <li>504 Center Hung with Patch Fittings</li> </ul> | 2<br>3<br>4<br>5    | NBC = Non-Hold<br>Open<br>ABC = Automatic<br>Hold Open<br>Specify<br>Degree | 1-1/2"<br>-20<br>LAP<br>LFP<br>LCC<br>LTP | Flat Arm Extended Spindles Offset 20 Minute Label Closer Body Only Less Floor Plate Less Cement Case Less Top Pivot - Cover Pan (x Depth) Special Layout # | Blank (5020)<br>RH Right Hand<br>LH Left Hand | 605<br>606<br>611<br>612<br>613<br>613E<br>618<br>619<br>622<br>625<br>626<br>BSP<br>WSP | Bright Brass Satin Brass Bright Bronze Satin Bronze Dark Bronze Dark Oxidized Satin Bronze - Equivalent Bright Nickel Satin Nickel Flat Black Bright Chrome Satin Chrome Black Suede White Suede |

Options, see page 105

### **Duo Chek® Double Acting** -----

| Model    | Complete Closer<br>Specify Model | LAP Specify<br>Model | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case<br>Pkg |
|----------|----------------------------------|----------------------|------------------|-------------------|--------------------|--------------------|
|          | 10<br>15                         | 10 LAP<br>15 LAP     | 101020*          | 102026-*          | 104020-*           | 103000*            |
| <u> </u> | \$1,296.00                       | \$750.00             | \$179.00         | \$127.00          | \$90.00            | \$150.00           |
|          | 12<br>16                         | 12 LAP<br>16 LAP     | 101020*          | 102026-*          | 104020-            | 103000-*           |
|          | \$1,230.00                       | \$684.00             | \$179.00         | \$127.00          | \$90.00            | \$150.00           |

### Gate Closers ---

| Model              | Complete Closer<br>Specify Model | LAP Specify<br>Model | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case Pkg |
|--------------------|----------------------------------|----------------------|------------------|-------------------|--------------------|-----------------|
|                    | 354                              | X03540370-*          | 3541020-*        | 3542026-*         | N/A                | N/A             |
|                    | 355                              | X03340370-           | 3551020-*        | 3542026*          | N/A                | N/A             |
|                    | \$1,595.00                       | \$1,016.00           | \$286.00         | \$293.00          | -                  | -               |
|                    | 356                              | X03540370-*          | 3541020-*        | 3562020-*         | N/A                | N/A             |
|                    | 357                              | X03340370-           | 3551020-*        | 3562020*          | N/A                | N/A             |
|                    | \$1,595.00                       | \$1,016.00           | \$286.00         | \$293.00          | -                  | -               |
| Independently Hung | 359                              | X03540370-*          | N/A              | 3592010-*         | N/A                | N/A             |
|                    | \$1,596.00                       | \$1,016.00           | -                | \$580.00          | -                  | _               |

### Security Closers -

| Model | Complete Closer<br>Specify Model,<br>Hand | LAP Specify<br>Model, Hand | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case Pkg |
|-------|-------------------------------------------|----------------------------|------------------|-------------------|--------------------|-----------------|
|       | SEC27-180N                                | SEC27-180N LAP             | FA180            | 252056R*          | 274056*            | 253001SEC       |
|       | JEC27-100IN                               | SEC27-100N EAI             | 17(100           | 252056L*          | 214050             | 2330013EC       |
|       | \$3,569.00                                | \$1,472.00                 | \$647.00         | \$236.00          | \$821.00           | \$393.00        |

\*Finish required, see page 105 Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Part

Options, see page 105

### Exterior Gate Closer -----

| Model | Complete Closer<br>Specify Model |
|-------|----------------------------------|
|       | 1351                             |
|       | \$681.00                         |

\*Finish required, see page 105 Non-Hold open Only

Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Parts

### Specialty Closers Options How To Order

### Quick Reference Options ----

| Prefix   | Description                                                                                                                                                                                                                                   | Price                                                                |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| РН       | Physically Handicapped 5 lbs. of opening force in compliance to ADA standard for interior doors. If used on exterior or fire doors, the low opening force may not be enough to close the door.  Not available on gate closers or SEC closers. | \$102.00                                                             |
| Suffix   | Description                                                                                                                                                                                                                                   |                                                                      |
| Ext Spdl | To accommodate special floor conditions, the spindle can be ordered in 1/2" increments up to and including 2" Closer must be ordered with longer spindle, it cannot be field adjusted.  Not available on gate closers.                        | \$85.00                                                              |
| SPLO     | Special layout that may require special templating and/or products                                                                                                                                                                            | Excluded from<br>buying programs<br>- contact factory<br>for pricing |

#### How To Order

| Prefix                        |                                                                                  | Sec 27<br>Model                                                                                        | N<br>Hold Open                                 | x LTP<br>Suffix                                                                                                                   | x RH<br>Hand                                                                              |                                                                                                                              | x 689<br>Finish                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PH Lighter<br>Spring<br>(ADA) | 10<br>12<br>15<br>16<br>354<br>355<br>356<br>357<br>359<br>SEC27<br>-180<br>1351 | Duo Chek (Hold Open) Duo Chek Duo Chek (Hold Open) Duo Chek Gate Gate Gate Gate Security Exterior Gate | Blank = Not<br>Applicable<br>N = Non-Hold Open | 1-1/2" Offset Extended Spindle Less All Parts Less Floor Plate Less Cement Case Less Top Pivot Depth for Cover Pan Special Layout | Blank<br>(10, 12, 15,<br>16, 354, 355,<br>356, 357, 359)<br>RH Right Hand<br>LH Left Hand | 605<br>606<br>611<br>612<br>613<br>613E<br>618<br>619<br>622<br>625<br>626<br>689<br>690<br>691<br>693^<br>696<br>BSP<br>WSP | Bright Brass Satin Brass Bright Bronze Satin Bronze Dark Bronze Dark Oxidized Satin Bronze - Equivalent Bright Nickel Satin Nickel Flat Black Bright Chrome Satin Chrome (Sprayed finishes 350 Series gate closers only) Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Black Sprayed Brass Black Suede White Suede |

^1351 only available in 693





#### Roller Mate® Caster ----

| Model |                                            | Description                   | Price        |
|-------|--------------------------------------------|-------------------------------|--------------|
|       | 10600                                      | Single Roller Caster          |              |
|       | 10602                                      | Double Roller Caster          | See Page 125 |
|       | 10600-025 for 10600<br>10600-028 for 10602 | Hollow Metal Reinforced Plate |              |

Special Cement Cases -----

| M | odel  | Description                                                                            | Price       |
|---|-------|----------------------------------------------------------------------------------------|-------------|
|   | 1101  | Cement Case for use with expansion joints, handed                                      |             |
|   | 79501 | Cement Case for use with shallow floors                                                |             |
|   | 25204 | Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers | See Page 94 |
|   | 25304 | Twin Cement Case 2" Mullion for back to back closers.<br>Must be ordered with closers. |             |

#### Cover Pans ----

| Model |        | Description                                                       | Price        |
|-------|--------|-------------------------------------------------------------------|--------------|
|       | 846*   | Cover Pan for 27 closer, specify depth, hand. 1-3/4 doors only.   |              |
|       | 3910*  | Cover Pan for L27 closer, specify depth, hand. 1-3/4 doors only   |              |
|       | 2237*  | Cover Pan for 28 closer x 554 flat arm, specify depth, hand.      | See Page 94  |
|       | 841*   | Cover Pan for 28 closer, centering arm, specify depth, hand.      |              |
|       | 841B*  | Cover Pan for H28 and H28 x 587 arm closers, specify depth, hand. |              |
|       | 2637*  | Cover Pan for 51 closer, specify depth, hand. 1-3/4 doors only.   |              |
|       | 2807D* | Cover Pan for 53 closer, specify depth, hand.                     | Coo Daga 101 |
|       | 2807B* | Cover Pan for 50 closer x 554 flat arm, specify depth, hand.      | See Page 101 |
|       | 2807A* | Cover Pan for 50 closer, centering arm, specify depth, hand.      |              |

\*Finish required, stainless steel or brass

USA & Canada Prices Effective May 1, 2021

### Applied Stop

| Model | Description                                                | Price        |
|-------|------------------------------------------------------------|--------------|
|       | Lock edge applied stop for single acting center hung doors | See Page 101 |

#### Installation Tools -----

| Model    |         | Description                                | Price        |
|----------|---------|--------------------------------------------|--------------|
|          | 2604    | Pivot Alignment Tool                       | See Page 125 |
| √<br>Age | 2608    | Pivot Alignment Tool for H340 and H345     | See rage 123 |
|          | 1859001 | 27/28/30/40 Quickspotter Installation Tool | Can Dama OA  |
|          | 1859501 | Q27 Quickspotter Installation Tool         | See Page 94  |
|          | 1855051 | 50/51/53 Quickspotter Installation Tool    | See Page 101 |

# Overhead Concealed Closers Offset Commodity Grade

Options, see page 111

Offset Hung ----

| Model     | Complete Closer<br>Specify Model and<br>Degree<br>(If Hold Open) | LAP Specify<br>Model and Degree<br>(If Hold Open) | Mounting Bracket/<br>Channel | Top Arm & Rail Package | Cover Plate<br>Pkg |
|-----------|------------------------------------------------------------------|---------------------------------------------------|------------------------------|------------------------|--------------------|
|           | 0608                                                             | 608 LAP                                           | 608019                       | 06082012-*             | N/A                |
|           | \$788.00                                                         | \$504.00                                          | \$55.00                      | \$229.00               | -                  |
|           | M0608                                                            | 608 LAP                                           | 608049PKG                    | 06082012-*             | 6084000*           |
|           | \$1,069.00                                                       | \$504.00                                          | \$208.00                     | \$229.00               | \$128.00           |
| / O O O A | MW0608                                                           | 608 LAP                                           | 608049PKG                    | 06082012-*             | 6084000*           |
|           | \$1,069.00                                                       | \$504.00                                          | \$208.00                     | \$229.00               | \$128.00           |
|           | W0608                                                            | 608 LAP                                           | 608049PKG                    | 06082012-*             | 6084000*           |
|           | \$1,069.00                                                       | \$504.00                                          | \$208.00                     | \$229.00               | \$128.00           |
|           | AW0608                                                           | 608 LAP                                           | 608019                       | 06082012-*             | N/A                |
|           | \$788.00                                                         | \$504.00                                          | \$55.00                      | \$229.00               | -                  |

See model 547 pivot set on page 118 as a method to hang doors.

Pricing for 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

\*Finish required, sprayed finishes only see page 111 - Arms are sprayed finishes only N = Non-Hold open A = Automatic Hold Open Automatic Hol

## **Overhead Concealed Closers Center Hung Commodity Grade**

Options, see page 111

#### Center Hung

| Model                                   | Complete Closer<br>Specify Model and<br>Degree<br>(If Hold Open) | LAP Specify Model<br>and Degree (If<br>Hold Open) | Mounting Bracket/<br>Channel | Top Arm<br>Package | Bottom Pivot<br>Package | Cover Plate Pkg |
|-----------------------------------------|------------------------------------------------------------------|---------------------------------------------------|------------------------------|--------------------|-------------------------|-----------------|
|                                         | 608EL                                                            | 608 LAP                                           | 608019                       | 6002020            | 608011A                 | N/A             |
|                                         | \$796.00                                                         | \$504.00                                          | \$55.00                      | \$81.00            | \$156.00                | -               |
|                                         | 608SL                                                            | 608 LAP                                           | 608019                       | 6080055            | 608011A                 | NA              |
|                                         | \$796.00                                                         | \$504.00                                          | \$55.00                      | \$81.00            | \$156.00                |                 |
|                                         | M608                                                             | 608 LAP                                           | 608049PKG                    | 6002020            | 608011A                 | 6084000*        |
|                                         | \$1,077.00                                                       | \$504.00                                          | \$208.00                     | \$81.00            | \$156.00                | \$128.00        |
|                                         | MW608                                                            | 608 LAP                                           | 608049PKG                    | 6002021            | 608011A                 | 6084000*        |
|                                         | \$1,077.00                                                       | \$504.00                                          | \$208.00                     | \$81.00            | \$156.00                | \$128.00        |
| ( 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | W608                                                             | 608 LAP                                           | 608049PKG                    | 6002021            | 608011A                 | 6084000*        |
|                                         | \$1,077.00                                                       | \$504.00                                          | \$208.00                     | \$81.00            | \$156.00                | \$128.00        |
|                                         | AW608                                                            | 608 LAP                                           | 608019                       | 6002021            | 608011A                 | N/A             |
| 200000000000000000000000000000000000000 | \$796.00                                                         | \$504.00                                          | \$55.00                      | \$81.00            | \$156.00                | -               |

\*Finish required, sprayed finishes only see page 111 N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts



## Overhead Concealed Closers Commodity Grade Options How to Order

Quick Reference Options ------

| Suffix        | Description                               | Price    |
|---------------|-------------------------------------------|----------|
| 1/2 Ext Spdle | Longer spindle for unique head conditions | \$190.00 |

|                                                                                                                           | Commodity Grade Closer Model                                                                     |                            |                                            |                           |                     |                                                                                                                   |                                                                                                                                                                                                                                                        |  |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------|---------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| M608<br>Model                                                                                                             |                                                                                                  | 90A<br>Hold Open<br>or Not |                                            | x 1/2" Ext Spdl<br>Suffix |                     |                                                                                                                   | x 626<br>Finish                                                                                                                                                                                                                                        |  |
| Offset Hur<br>0608<br>M0608<br>MW0608<br>W0608<br>AW0608<br>Center Hu<br>608EL<br>608SL<br>M608<br>MW608<br>W608<br>AW608 | Aluminum Dr & Fr<br>Metal Dr & Fr<br>Wood Dr & Metal Fr<br>Wood Dr and Fr<br>Wood Dr and Alum Fr | 90A<br>105A<br>N           | Hold Open<br>Hold Open<br>Non-Hold<br>Open | 1/2"                      | Extended<br>Spindle | 605<br>606<br>611<br>612<br>613<br>613E<br>618<br>619<br>622<br>625<br>626<br>For Arr<br>689<br>690<br>691<br>696 | Bright Brass Satin Brass Bright Bronze Satin Bronze Dark Bronze Dark Oxidized Satin Bronze - Equivalent Bright Nickel Satin Nickel Flat Black Bright Chrome Satin Chrome Sonly Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass |  |
|                                                                                                                           |                                                                                                  |                            |                                            |                           |                     | BSP<br>WSP                                                                                                        | Black Suede<br>White Suede                                                                                                                                                                                                                             |  |

### Overhead Concealed Closers Offset Architectural Grade

Options, see page 115

#### Offset Hung •

| Complete Closer<br>Specify Hand<br>and Finish | 689, 690, 691, 693,<br>696, 613E, BSP,<br>WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |
|-----------------------------------------------|-----------------------------------------------|------------|------------------------------------|
| PH91NDCP                                      | £1.104.00                                     | £1 400 00  | £1 504.00                          |
| 91NDCP                                        | \$1,104.00                                    | \$1,488.00 | \$1,594.00                         |
| PH91HDCP                                      | ¢1 124 00                                     | ¢1 E00 00  | ¢1.614.00                          |
| 91HDCP                                        | \$1,124.00                                    | \$1,508.00 | \$1,614.00                         |
| WPH91NDCP                                     | ¢1 204 00                                     | \$1,588.00 | ¢1.604.00                          |
| W91NDCP                                       | \$1,204.00                                    |            | \$1,694.00                         |
| WPH91HDCP                                     | \$1,224.00                                    | \$1,608.00 | ¢1.714.00                          |
| W91HDCP                                       |                                               |            | \$1,714.00                         |
| Less All Parts Specify<br>Hand<br>and Finish  | 689, 690, 691, 693,<br>696, 613E, BSP,<br>WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |
| PH91NDCP LAP                                  |                                               |            |                                    |
| 91NDCP LAP                                    |                                               |            |                                    |
| PH91HDCP LAP                                  |                                               |            |                                    |
| 91HDCP LAP                                    | \$811.00                                      |            | ¢1 257 00                          |
| PH91NDCP LAP                                  | \$811.00                                      | \$1,180.00 | \$1,257.00                         |
| 91NDCP LAP                                    |                                               |            |                                    |
| PH91HDCP LAP                                  |                                               |            |                                    |
| 91HDCP LAP                                    |                                               |            |                                    |

See model 547 pivot on page 118 as a method to hang doors.

Pricing for 1-3/4 thick doors hung on standard  $4-1/2 \times 4-1/2$  butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

\*Finish required, see page 115 N = Non-Hold Open H = Hold Open LAP = Less All Parts

## **Overhead Concealed Closers Center Architectural Grade**

Options, see page 115

#### Center Hung Single Acting ----

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Complete Closer<br>Specify Model<br>Size, Hand and<br>Degree | LAP Specify<br>Model Size, Hand<br>and Degree | Mounting<br>Bracket/<br>Channel/<br>Plate | Top Arm<br>Package | Bottom Pivot<br>Package | Cover Plate<br>Package |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|--------------------|-------------------------|------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 706<br>707<br>708                                            | 706 LAP<br>707 LAP<br>708 LAP                 | 1639000                                   | 8002020            | 2183020                 | N/A                    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$2,029.00                                                   | \$1,640.00                                    | \$63.00                                   | \$138.00           | \$188.00                | -                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M706<br>M707                                                 | 706 LAP<br>707 LAP                            | 1929000                                   | 8002020            | 2183020                 | 7004000R               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M708                                                         | 707 LAP<br>708 LAP                            | 1929000                                   | 8002020            | 2183020                 | 7004000L*              |
| ( 000 o )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$2,318.00                                                   | \$1,640.00                                    | \$199.00                                  | \$138.00           | \$188.00                | \$153.00               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MW706<br>MW707                                               | 706 LAP<br>707 LAP                            | 1929000                                   | 8002021            | 2183020                 | 7004000R*              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MW708                                                        | 708 LAP                                       | 1323000                                   | 0002021            | 2103020                 | 7004000L*              |
| المرابع المراب | \$2,358.00                                                   | \$1,640.00                                    | \$199.00                                  | \$178.00           | \$188.00                | \$153.00               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | W706                                                         | 706 LAP                                       | 1000000                                   | 0007074            | 2402020                 | 7004000R*              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | W707<br>W708                                                 | 707 LAP<br>708 LAP                            | 1989000                                   | 8002021            | 2183020                 | 7004000L*              |
| 100 o y 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$2,358.00                                                   | \$1,640.00                                    | \$199.00                                  | \$178.00           | \$188.00                | \$153.00               |

\*Finish required, see page 115 N = Non-Hold open A = Automatic Hold Open LAP= Less All Parts

## Overhead Concealed Closers Center Hung Architectural Grade

Options, see page 115

#### Center Hung Double Acting

| Model | Complete Closer<br>Specify Model<br>Size and Degree | LAP Specify<br>Model Size and<br>Degree | Mounting<br>Bracket/<br>Channel/<br>Plate | Top Arm<br>Package | Bottom Pivot<br>Package | Cover Plate<br>Package |
|-------|-----------------------------------------------------|-----------------------------------------|-------------------------------------------|--------------------|-------------------------|------------------------|
|       | 806<br>807<br>808                                   | 806 LAP<br>807 LAP<br>808 LAP           | 1639000                                   | 8002020            | 2183020                 | N/A                    |
| 0     | \$2,029.00                                          | \$1,640.00                              | \$63.00                                   | \$138.00           | \$188.00                | -                      |
|       | M806<br>M807<br>M808                                | 806 LAP<br>807 LAP<br>808 LAP           | 1929000                                   | 8002020            | 2183020                 | 8004000*               |
|       | \$2,356.00                                          | \$1,640.00                              | \$199.00                                  | \$138.00           | \$188.00                | \$191.00               |
|       | MW806<br>MW807<br>MW808                             | 806 LAP<br>807 LAP<br>808 LAP           | 1929000                                   | 8002021            | 2183020                 | 8004000*               |
|       | \$2,396.00                                          | \$1,640.00                              | \$199.00                                  | \$178.00           | \$188.00                | \$191.00               |
|       | W806<br>W807<br>W808                                | 806 LAP<br>807 LAP<br>808 LAP           | 1989000                                   | 8002021            | 2183020                 | 8004000*               |
|       | \$2,396.00                                          | \$1,640.00                              | \$199.00                                  | \$178.00           | \$188.00                | \$191.00               |

\*Finish required, see page 115 N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts



# Overhead Concealed Closers Architectural Grade Options How to Order

#### Quick Reference Options ---

| Suffix        | Description                                                                 | Price                                                       |
|---------------|-----------------------------------------------------------------------------|-------------------------------------------------------------|
| 1/2 Ext Spdle | Longer spindle for unique frame conditions                                  | \$398.00                                                    |
| 199           | Decorative end caps for center hung wood doors (608, 700 & 800 models only) | \$97.00                                                     |
| SPLO          | Special templating and products                                             | Excluded from buying programs - contact factory for pricing |

|                              | Architectural Grade Closer Models 700 & 800                                                                                                               |                            |                                                                |                                                                |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Mod                          | M706<br>el (specify size 6, 7, or 8)                                                                                                                      |                            | 90A<br>Degree                                                  | x 1/2" Ext Spdl<br>Suffix                                      | x RH<br>Hand                                      | x 626<br>Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
| 700<br>M700<br>MW700<br>W700 | ing Center Hung Aluminum Dr. & Fr Metal Dr & Fr Wood Dr & Metal Fr Wood Dr & Fr ting Center Hung Aluminum Dr & Fr Metal Dr & Fr Wood Dr & Fr Wood Dr & Fr | 90A<br>105A<br>90N<br>105N | Hold Open<br>Hold Open<br>Non-Hold<br>Open<br>Non-Hold<br>Open | 1/2" Extended<br>Spindle<br>SPLO Special<br>Material<br>Layout | Blank Dbl Acting<br>RH Right Hand<br>LH Left Hand | <ul> <li>605 Bright Brass</li> <li>606 Satin Brass</li> <li>611 Bright Bronze</li> <li>612 Satin Bronze</li> <li>613 Dark Bronze</li> <li>613E Dark Oxidized Satin<br/>Bronze - Equivalent</li> <li>618 Bright Nickel</li> <li>619 Satin Nickel</li> <li>622 Flat Black</li> <li>625 Bright Chrome</li> <li>626 Satin Chrome</li> <li>ALL ARMS</li> <li>689 Sprayed Aluminum</li> <li>690 Sprayed Dark Bronze</li> <li>691 Sprayed Light Bronze</li> <li>696 Sprayed Brass</li> <li>BSP Black Suede</li> <li>WSP White Suede</li> </ul> |  |  |

|                                                              | Architectural Grade Closer Model 91 |                   |                                  |                               |                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
|--------------------------------------------------------------|-------------------------------------|-------------------|----------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| W91 (Model)                                                  | N (Function)                        | DCP               | x 1/2"<br>Extended Spdl (Suffix) | x RH<br>Hand                  | x 626<br>Finish                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| 91 - 3-6 Spring<br>PH - ADA, 1-3<br>Spring<br>W - Wood Frame | N - Non-Hold Open<br>H - Hold Open  | Dress Cover Plate | 1/2" Extended<br>Spindle         | RH Right Hand<br>LH Left Hand | 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 693 Sprayed Black 696 Sprayed Brass 605 Bright Brass 606 Satin Brass 611 Bright Bronze 613 Dark Bronze 613 Dark Bronze 613E Dark Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome 68P Black Suede WSP White Suede |  |  |  |



## Pivots and Pivot Sets Offset Hung Pivot Sets

Options on page 125

#### Offset Hung Pivot Sets -----

| Mode |                  | Description                                                          | Painted    | Plated     |
|------|------------------|----------------------------------------------------------------------|------------|------------|
|      | 117-1/4          | 3/4 Offset (includes 180 top pivot)                                  | N/A        | \$520.00   |
|      | 117              | 3/4 Offset (includes 180 top pivot)                                  | N/A        |            |
|      | 117 x 1-1/2OS    | 1-1/2 Offset (includes 180 x 1-1/2OS top pivot)                      | N/A        | \$868.00   |
|      | F117             | Fire rated 3/4 Offset (includes F180 top pivot)                      | \$544.00   | \$915.00   |
|      | F117 x 1-1/2OS   | Fire rated 1-1/2 Offset (includes F180 top pivot)                    | \$840.00   | \$1,365.00 |
|      | 117-20           | 3/4 Offset x 20 min (includes 180 - 20 top pivot)                    | N/A        | \$541.00   |
|      | 173              | 3/4 Offset (includes 180 top pivot)                                  | N/A        | \$349.00   |
|      | 147              | 3/4 Offset (includes 180 top pivot)                                  | N/A        | \$733.00   |
| 6 2  | 147 x 1-1/2OS    | 1-1/2 Offset (includes 180 x 1-1/2OS top pivot)                      | N/A        | \$1,011.00 |
| 900  | F147             | Fire rated 3/4 Offset (includes F180 top pivot)                      | \$776.00   | \$1,109.00 |
|      | F147 x 1-1/2OS   | Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)          | \$1,036.00 | \$1,478.00 |
|      | 147-20           | 3/4 Offset x 20 min (includes 180-20 top pivot)                      | N/A        | \$751.00   |
|      | 147-20 x 1-1/2OS | 1-1/2 Offset (includes 180-20 top pivot)                             | N/A        | \$1,020.00 |
| 6000 | L147             | 3/4 Offset x1-3/4 door (includes L180 top pivot)                     | N/A        | \$1,029.00 |
|      | L147             | 3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes<br>L180 top pivot) | N/A        | \$1,484.00 |
|      | FL147            | Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)        | \$1,065.00 | \$1,469.00 |
|      | L147-20          | 3/4 Offset x 1-3/4 door (includes L180-20 top pivot)                 | N/A        | \$1,040.00 |

<sup>\*</sup>Finish required, see page 125

## Pivots and Pivot Sets Offset Hung Pivot Sets

Options on page 125

Offset Hung Pivot Sets -----

| Mode | -                  | Description                                                             | Painted    | Plated     |
|------|--------------------|-------------------------------------------------------------------------|------------|------------|
|      | 547                | 3/4 Offset (includes 2 each M190 intermediate pivots)                   | N/A        | \$823.00   |
|      | F547               | Fire rated 3/4 Offset (includes 2 each FM190 intermediate pivots)       | \$823.00   | \$1,161.00 |
|      | 165                | 3/4 Offset (includes 180 top pivot and 2 each M190 intermediate pivots) | N/A        | \$1,108.00 |
|      | 195                | 3/4 Offset (includes 180 top pivot)                                     | N/A        | \$718.00   |
|      | F195               | Fire rated ¾ Offset (includes F180 top Pivot)                           | N/A        | \$1,094.00 |
|      | 117-1/2            | 3/4 Offset (includes 180 top pivot)                                     | N/A        | \$1,096.00 |
|      | 117-1/2 x 1-1/2OS  | 1-1/2 Offset (includes 180 x 1-1/2OS top pivot)                         | N/A        | \$1,355.00 |
|      | 117-1/2-20         | 3/4 Offset 20 min (includes 180-20 top pivot)                           | N/A        | \$1,118.00 |
|      | F117-1/2           | Fire rated 3/4 Offset (includes F180 top pivot)                         | \$1,113.00 | \$1,365.00 |
| -    | F117-1/2 x 1-1/2OS | Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)             | \$1,388.00 | \$1,846.00 |
| ÖÖ   | L117               | 3/4 Offset x 1-3/4 door (includes L180 top pivot)                       | N/A        | \$1,494.00 |
|      | L117               | 3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)       | N/A        | \$1,949.00 |
|      | FL117              | Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)           | \$1,534.00 | \$1,947.00 |
|      | L117-20            | 3/4 Offset x 20 min x 1-3/4 door (includes L180-20 top pivot)           | N/A        | \$1,515.00 |

<sup>\*</sup>Finish required, see page 125

## **Pivots and Pivot Sets Offset Hung Top Pivots**

Options on page 125

| Model |                     | Description                              | Painted  | Plated    |
|-------|---------------------|------------------------------------------|----------|-----------|
|       | 180                 | 3/4 Offset                               | N/A      | \$251.00  |
|       | 180 x 1-1/2OS       | 1-1/2 Offset                             | N/A      | \$454.00  |
|       | H180                | 3/4 Offset                               | N/A      | \$323.00  |
| 6     | H180 x 1-1/2OS      | 1-1/2 Offset                             | N/A      | \$512.00  |
|       | F180                | Fire rated 3/4 Offset                    | \$269.00 | \$589.00  |
|       | F180 x 1-1/2OS      | Fire rated 1-1/2 Offset                  | \$452.00 | \$950.00  |
|       | FH180               | Fire rated 3/4 Offset                    | \$350.00 | \$689.00  |
|       | 180-20              | 3/4 Offset x 20 min                      | N/A      | \$258.00  |
|       | 180-20 x 1-1/2OS    | 1-1/2 Offset x 20 min                    | N/A      | \$444.00  |
|       | H180-20             | 3/4 Offset x 20 min                      | N/A      | \$342.00  |
| 000   | L180                | 3/4 Offset x 1-3/4 door                  | N/A      | \$408.00  |
| SÓ O  | L180                | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$615.00  |
|       | L180-20             | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$410.00  |
|       | FL180               | Fire rated 3/4 Offset x 1-3/4 door only  | \$412.00 | \$862.00  |
|       | FA180               | 3/4 Offset                               | \$314.00 | \$647.00  |
| /\$0% | 180 x 102           | 3/4 Offset                               | N/A      | \$386.00  |
|       | 180 x 102 x 1-1/2OS | 1-1/2 Offset                             | N/A      | \$589.00  |
|       | 280                 | 3/4 Offset                               | N/A      | \$340.00  |
|       | F280                | Fire rated 3/4 Offset                    | \$381.00 | \$765.00  |
|       | 280-20              | 3/4 Offset x 20 min                      | N/A      | \$354.00  |
|       | 380                 | 3/4 Offset                               | N/A      | \$340.00  |
| 000   | F380                | Fire rated 3/4 Offset                    | \$381.00 | \$751.00  |
|       | 380-20              | 3/4 Offset x 20 min                      | N/A      | \$354.00  |
| ^     | L380                | 3/4 Offset x 1-3/4 door only             | N/A      | \$570.00  |
|       | L380                | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$788.00  |
|       | FL380               | Fire rated 3/4 Offset x 1-3/4 door only  | \$607.00 | \$1,000.0 |
|       | L380-20             | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$586.00  |
| 900   | 480                 | 3/4 Offset                               | N/A      | \$416.00  |
|       | F480                | Fire rated 3/4 Offset                    | \$461.00 | \$856.00  |
|       | 480-20              | 3/4 Offset x 20 min                      | N/A      | \$444.00  |
|       | 680                 | 3/4 Offset                               | N/A      | \$456.00  |

\*Finish required, see page 125

## **Pivots and Pivot Sets Intermediate Pivots**

Note that all fire rated openings must have a minimum of one intermediate pivot

#### Intermediate Pivots =

| Model |                  | Description                              | Painted  | Plated     |
|-------|------------------|------------------------------------------|----------|------------|
|       | M19              | 3/4 Offset                               | N/A      | \$360.00   |
|       | M19 x 1-1/2OS    | 1-1/2 Offset                             | N/A      | \$534.00   |
|       | FM19             | Fire rated 3/4 Offset                    | \$385.00 | \$767.00   |
|       | FM19 x 1-1/2OS   | Fire rated 1-1/2 Offset                  | \$577.00 | \$1,119.00 |
|       | M190             | 3/4 Offset                               | N/A      | \$438.00   |
|       | M190 x 1-1/2OS   | 1-1/2 Offset                             | N/A      | \$610.00   |
|       | FM190            | Fire rated 3/4 Offset                    | \$481.00 | \$917.00   |
|       | FM190 x 1-1/2OS  | Fire rated 1-1/2 Offset                  | \$664.00 | \$1,113.00 |
|       | M19-20           | 3/4 Offset x 20 min                      | N/A      | \$357.00   |
|       | M19-20 x 1-1/2OS | 1-1/2 Offset x 20 min                    | N/A      | \$560.00   |
|       | M190-20          | 3/4 Offset x 20 min                      | N/A      | \$446.00   |
|       | ML19             | 3/4 Offset x 1-3/4 door only             | N/A      | \$514.00   |
|       | ML19             | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$730.00   |
|       | FML19            | Fire rated 3/4 Offset x 1-3/4 door only  | \$558.00 | \$1,077.00 |
|       | ML19-20          | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$540.00   |
|       | FA19             | 3/4 Offset                               | \$438.00 | \$830.00   |
|       | FA190            | 3/4 Offset                               | \$547.00 |            |
|       | 119              | 3/4 Offset                               | N/A      | \$264.00   |
|       | 219              | 3/4 Offset                               | N/A      | \$408.00   |
|       | 219-20           | 3/4 Offset x 20 min                      | N/A      | \$419.00   |
|       | 319              | 3/4 Offset                               | N/A      | \$400.00   |
|       | 319-20           | 3/4 Offset x 20 min                      | N/A      | \$446.00   |
|       | L319             | 3/4 Offset x 1-3/4 door only             | N/A      | \$660.00   |
|       | L319-20          | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$685.00   |
|       | 419              | 3/4 Offset                               | N/A      | \$475.00   |
|       | 419-20           | 3/4 Offset x 20 min                      | N/A      | \$496.00   |

\*Finish required, see page 125

## Pivots and Pivot Sets Electrified Intermediate Pivots & Pocket Pivots

#### Pocket Pivot -----

| Model Num | ber   | Description                                                   | Painted  | Plated     |
|-----------|-------|---------------------------------------------------------------|----------|------------|
|           | F519  | Pocket Pivot                                                  | \$540.00 | \$659.00   |
|           | EF519 | Electrified Power Transfer Pivot<br>Available in 4 wires only | NA       | \$1,222.00 |

#### **Electrified Intermediate Pivots**

| Model | Number         | Description                                                                                                                   | Price      |
|-------|----------------|-------------------------------------------------------------------------------------------------------------------------------|------------|
|       | EFM19          | Fire Rated 3/4" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)                                          | \$1,353.00 |
|       | EM19 x 1-1/2OS | 1-1/2" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)                                                   | \$904.00   |
|       | EFML19         | Fire rated 3/4" Offset Power Transfer Pivot Heavy Weight/High<br>Traffic 1-3/4" Dr.<br>Specify number of wires (4, 6, 8, 12)  | \$2,045.00 |
|       | EML19          | 3/4" Offset Power Transfer Pivot Heavy Duty/Weight/High Traffic<br>1-3/4 Dr<br>Specify number of wires (4, 6, 8, 12)          | \$1,446.00 |
|       | EML19-20       | 3/4" Offset Power Transfer Pivot, Heavy Duty/Weight/High Traffic, 1-3/4" Door, 20 Minute Specify number of wires (4, 6, 8,12) | \$1,473.00 |
|       | EM19           | 3/4" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)                                                     | \$638.00   |
|       | EM19U          | 3/4" Offset Power Transfer High Inrush Pivot<br>(2 wires only) Electolynx not available                                       | \$1,230.00 |
|       | EFM19 x 1-1/2  | Fire Rated 1-1/2" Offset Power Transfer Pivot                                                                                 | \$2,056.00 |

ElectroLynx add \$36.00. Specify # of wires (4, 6, 8, 12).

\*Finish required, see page 125

#### ElectroLynx®

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY, Inc.

## Pivots and Pivot Sets Center Hung Pivot Sets

Options on page 125

#### Center Hung Pivot Sets

| Model |              | Description                                                   | Price                                   |
|-------|--------------|---------------------------------------------------------------|-----------------------------------------|
|       | 127-3/4      | Center Hung side jamb attached (includes 320 top pivot)       | \$340.00                                |
|       | 128-3/4      | Center Hung (includes 320 top pivot)                          | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|       | 370          | Center Hung (includes 340 top pivot)                          | \$503.00                                |
|       | 375          | Center Hung (includes 345 top pivot)                          | \$864.00                                |
|       | 117-3/4      | Center Hung (includes 340 top pivot)                          | \$1,033.00                              |
|       | H117-3/4     | Center Hung for doors 2" or greater (includes H340 top pivot) | 43.540.00                               |
|       | H117-3/4 587 | Center Hung for doors 1-3/4 (includes H340 top pivot)         | \$2,519.00                              |
|       | 178          | Patch fitting pivot (includes 7494 top pivot)                 | \$735.00                                |
|       | 176          | Center Hung Light Duty Pivot                                  | \$349.00                                |

\*Finish required, see page 125

## Pivots and Pivot Sets Center Hung Top Pivots

Options on page 125

#### Center Hung Top Pivots

| Model |           | Description                                               | Price      |  |
|-------|-----------|-----------------------------------------------------------|------------|--|
|       | 320       | Center Hung                                               | \$169.00   |  |
|       | 340       | Center Hung                                               | \$163.00   |  |
|       | H340      | Center Hung                                               | ¢526.00    |  |
|       | 345       | Center Hung long throw pivot pin                          | - \$536.00 |  |
|       | H345      | Center Hung long throw pivot pin                          | \$871.00   |  |
|       | 340 x AP3 | Center Hung gate pivot                                    | \$490.00   |  |
|       | 320 x 102 | Center Hung for deep reveal<br>(No finish plate included) | \$304.00   |  |
|       | 340 x 102 | Center Hung for deep reveal<br>(No finish plate included) | \$298.00   |  |

<sup>\*</sup>Finish required, see page 125

## Pivots and Pivot Sets Electrified Center Hung Top Pivots

**Electrified Center Hung Top Pivots** 

| Model |       | Description                                                                    | Price      |
|-------|-------|--------------------------------------------------------------------------------|------------|
|       | EH340 | Center Hung Heavy Duty for Power Transfer Top Pivot                            | \$698.00   |
|       | EH345 | Center Hung Longer Throw Pin Heavy Duty for Taller<br>Doors for Power Transfer | \$1,191.00 |

<sup>\*</sup>Finish required, see page 125

Specify # of wires (4,6,8,12) ElectroLynx add \$36.00.

#### ElectroLynx®

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY, Inc.

# Pivots and Pivot Sets Options Accessories How To Order

**Quick Reference Options** -----

| Suffix           | Description                                                                                                                                                | Price                                                       |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Ext Spdl         | To accommodate special floor conditions, the spindle can be ordered in 1/2" increments up to and including 2". Pivots must be ordered with longer spindle. | \$63.00                                                     |
|                  | Extended spindles for 117-1/4, 117, 147, 547,195, 127-3/4, 128-3/4, 370                                                                                    |                                                             |
|                  | Extended spindles for 117-1/2, L117, 117-3/4, H117-3/4 and H117-3/4 x 587                                                                                  | \$116.00                                                    |
| Longer Pivot Pin | For top pivots with special ceiling condition, longer pins are available in 1/4 inch increments up to 3/4 longer. Not available for electrified pivots     | Add \$47.00                                                 |
| Torx             | Security Screws Not available for center hung models                                                                                                       | Pivot Set<br>Add \$230.00<br>Intermediate Pivots            |
|                  |                                                                                                                                                            | Add \$150.00                                                |
| SPLO             | Special layout that may require special templating and/or products                                                                                         | Excluded from buying programs - contact factory for pricing |

#### Accessories •

| Mo | odel                                       | Description                   | Price      |  |
|----|--------------------------------------------|-------------------------------|------------|--|
|    | 10600                                      | Single Roller Caster          | \$793.00   |  |
|    | 10602                                      | Double Roller Caster          | \$1,191.00 |  |
|    | 10600-025 for 10600<br>10600-028 for 10602 | Hollow Metal Reinforced Plate | \$241.00   |  |
|    | 10600-019                                  | End Cap                       | \$31.00    |  |
|    | 2604<br>2608 for 180, H340<br>and H345     | Pivot Alignment Tool          | \$116.00   |  |

#### How To Order

| F                     | L147                                                                                                                                                    | x 2-1/4" Door                                                                                                                                                                                                                                  | 1                 | x RH                              |                                                                                                                      | x 626                                                                                                                                                                                                                                                                    |  |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Prefix                | Model                                                                                                                                                   | Suffix                                                                                                                                                                                                                                         |                   | Hand                              |                                                                                                                      | Finish                                                                                                                                                                                                                                                                   |  |
| F Fire Rated<br>Doors | 117-1/4<br>117<br>173<br>147<br>L147<br>547<br>165<br>195<br>117-1-1/2<br>L117<br>127-3/4<br>128-3/4<br>370<br>375<br>117-3/4<br>H117-3/4<br>178<br>176 | 1-1/2OS 1-1/2" Offset 2" 2-1/4" Door Thickness 2-1/2" L Series Product Only 3" 587 Ext Spdl -20 LTP Extended Spindle 20 Minute label Less Top Pivot # of Wires for Electrified Product TORX Security Screws (Offset Only) SPLO# Special Layout | Blank<br>RH<br>LH | (Center<br>Hung)<br>Right<br>Left | 605<br>606<br>611<br>612<br>613<br>613E<br>618<br>619<br>622<br>625<br>626<br>689<br>690<br>691<br>696<br>BSP<br>WSP | Bright Brass Satin Brass Bright Bronze Satin Bronze Dark Bronze Dark Oxidized Satin Bronze - Equivalent Bright Nickel Satin Nickel Flat Black Bright Chrome Satin Chrome Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede White Suede |  |

#### **ASSA ABLOY**

USA & Canada Prices Effective May 1, 2021



126

## Checkmate® Stops and Holders Concealed Stops and Holders

Options, see page 131

#### 1 Series Concealed Heavy Duty (1)

|  | Model    |           |       | Door Oper                | ning (inches)         | Finishes                                |                       |                                    |
|--|----------|-----------|-------|--------------------------|-----------------------|-----------------------------------------|-----------------------|------------------------------------|
|  | Friction | Hold Open | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, 652, BSP,<br>WSP | 606, 612, 613,<br>630 | 605, 611,<br>618, 619,<br>622, 629 |
|  | 1-116    | 1-126     | 1-136 | *24-28                   | NA                    |                                         |                       |                                    |
|  | 1-216    | 1-226     | 1-236 | 28 1/16-33               | 30-36                 |                                         |                       |                                    |
|  | 1-316    | 1-326     | 1-336 | 33 1/16-38               | 36 1/16-41            | \$356.00                                | \$392.00              | \$588.00                           |
|  | 1-416    | 1-426     | 1-436 | 38 1/16-43               | 41 1/16-46            |                                         |                       |                                    |
|  | 1-516    | 1-526     | 1-536 | 43 1/16-48               | 46 1/16-50            |                                         |                       |                                    |

#### 1ADJ Series Concealed Adjustable Heavy Duty 🕕 🖦

|    | Model          |          | Door Oper                | ning (inches)      | Finishes                                |                       |                                 |
|----|----------------|----------|--------------------------|--------------------|-----------------------------------------|-----------------------|---------------------------------|
|    | Hold Open Stop |          | **Butts<br>Offset Pivots | Center Hung Pivots | 689, 690, 691,<br>696, 652, BSP,<br>WSP | 606, 612,<br>613, 630 | 605, 611, 618,<br>619, 622, 629 |
| 14 | 1ADJ-126       | 1ADJ-136 | *24-28                   | NA                 |                                         |                       |                                 |
|    | 1ADJ-226       | 1ADJ-236 | 28 1/16-33               | 30-36              |                                         |                       |                                 |
|    | 1ADJ-326       | 1ADJ-336 | 33 1/16-38               | 36 1/16-41         | \$375.00                                | \$410.00              | \$618.00                        |
|    | 1ADJ-426       | 1ADJ-436 | 38 1/16-43               | 41 1/16-46         |                                         |                       |                                 |
|    | 1ADJ-526       | 1ADJ-536 | 43 1/16-48               | 46 1/16-50         |                                         |                       |                                 |

#### 2 Series Concealed Adjustable Standard Duty (1)

| Ī | Model |          |              |       |                    | Door Oper                | ning (inches)      | Finishes                                  |                       |                                 |
|---|-------|----------|--------------|-------|--------------------|--------------------------|--------------------|-------------------------------------------|-----------------------|---------------------------------|
|   |       | Friction | Hold<br>Open | Stop  | Multi-<br>Function | **Butts<br>Offset Pivots | Center Hung Pivots | 689, 690,<br>691, 696, 652**,<br>BSP, WSP | 606, 612,<br>613, 630 | 605, 611, 618,<br>619, 622, 629 |
|   |       | 2-116    | 2-126        | 2-136 | 2-146              | *18-24                   | NA                 |                                           | \$191.00              | \$246.00                        |
| , |       | 2-216    | 2-226        | 2-236 | 2-246              | 24 1/16-30               | 27-32              |                                           |                       |                                 |
|   | [     | 2-316    | 2-326        | 2-336 | 2-346              | 30 1/16-36               | 32 1/16-38-1/2     | \$161.00                                  |                       |                                 |
|   |       | 2-416    | 2-426        | 2-436 | 2-446              | 36 1/16-42               | 38 9/16-45         |                                           |                       |                                 |
|   |       | 2-516    | 2-526        | 2-536 | 2-546              | 42 1/16-48               | 45 1/16-48         |                                           |                       |                                 |

#### 5 Series Concealed Standard Duty

|   | Model     |                | Door Open  | ing (inches)            | Finishes |             |                                   |
|---|-----------|----------------|------------|-------------------------|----------|-------------|-----------------------------------|
|   | Hold Open | Hold Open Stop |            | Stop **But<br>Offset Pi |          | Center Hung | 689, 690, 691, 696, 652, BSP, WSP |
| 1 | 5-126     | 5-136          | *18-24     | NA                      |          |             |                                   |
|   | 5-226     | 5-236          | 24 1/16-30 | 27-32                   |          |             |                                   |
|   | 5-326     | 5-336          | 30 1/16-36 | 32 1/16-38 1/2          | \$149.00 |             |                                   |
|   | 5-426     | 5-436          | 36 1/16-42 | 38 9/16-45              |          |             |                                   |
|   | 5-526     | 5-536          | 42 1/16-48 | 45 1/16-48              |          |             |                                   |

<sup>\*</sup> Butt hung only

ASSA ABLOY

USA & Canada Prices Effective May 1, 2021

<sup>\*\* 652</sup> Not available in multi-function models

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

## Checkmate® Stops and Holders Concealed Stops and Holders

Options, see page 131

#### 6 Series Concealed Low Profile -

| Mode | el    | Door Openi               | ing (inches)          |                                 | Finishes              |                                    |
|------|-------|--------------------------|-----------------------|---------------------------------|-----------------------|------------------------------------|
|      | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, BSP, WSP | 606, 612,<br>613, 630 | 605, 611,<br>618, 619,<br>622, 629 |
|      | 6-136 | *24-28                   | NA                    |                                 |                       |                                    |
|      | 6-236 | 28 1/16-33               | 30-36                 |                                 |                       |                                    |
|      | 6-336 | 33 1/16-38               | 36 1/16-41            | \$488.00                        | \$527.00              | \$611.00                           |
|      | 6-436 | 38 1/16-43               | 41 1/16-46            | ]                               |                       |                                    |
|      | 6-536 | 43 1/16-48               | 46 1/16-50            |                                 |                       |                                    |

#### 6ADJ Series Concealed Adjustable Low Profile -

| Мос | lel      | Door Open                | ing (inches)          |                                 | Finishes              |                            |
|-----|----------|--------------------------|-----------------------|---------------------------------|-----------------------|----------------------------|
|     | Stop     | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, BSP, WSP | 606, 612,<br>613, 630 | 605, 611, 619,<br>622, 629 |
| 1   | 6ADJ-136 | *24-28                   | NA                    |                                 |                       |                            |
|     | 6ADJ-236 | 28 1/16-33               | 30-36                 |                                 |                       |                            |
|     | 6ADJ-336 | 33 1/16-38               | 36 1/16-41            | \$513.00                        | \$550.00              | \$639.00                   |
|     | 6ADJ-436 | 38 1/16-43               | 41 1/16-46            |                                 |                       |                            |
|     | 6ADJ-536 | 43 1/16-48               | 46 1/16-50            |                                 |                       |                            |

<sup>\*</sup> Butt hung only

<sup>\*\*</sup> Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

## Checkmate® Stops and Holders Surface Stops and Holders

Options, see page 131

#### 7 Series Surface Heavy Duty

| Model    |           |      |                          |                                 |  |  |
|----------|-----------|------|--------------------------|---------------------------------|--|--|
| Friction | Hold Open | Stop | **Butts or Offset Pivots | 689, 690, 691,<br>696, BSP, WSP |  |  |
| NA       | 7-126     | NA   | 24-30                    |                                 |  |  |
| NA       | 7-226     | NA   | 30 1/16-34               | ¢261.00                         |  |  |
| NA       | 7-326     | NA   | 34 1/16-39               | \$361.00                        |  |  |
| NA       | 7-426     | NA   | 39 1/16-48               |                                 |  |  |

#### 8 HD Series Surface Extra Heavy Duty (1)-

| o TID Series Sariace Exti |           | <u> </u>                 |                       |                                 |                       |                  |
|---------------------------|-----------|--------------------------|-----------------------|---------------------------------|-----------------------|------------------|
| Model                     |           | Door Open                | ing (inches)          |                                 | Finishes              |                  |
|                           | Hold Open | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, BSP, WSP | 606, 612,<br>613, 630 | 605, 622,<br>629 |
|                           | 8-226     | 27 1/16-<br>32 1/2       | 29 9/16-35            |                                 |                       |                  |
|                           | 8-326     | 33 9/16-<br>38 3/4       | 35-1/16-<br>41-1/2    | \$497.00                        | \$537.00              | \$625.00         |
|                           | 8-426     | 38 13/16-<br>42 1/2      |                       |                                 |                       |                  |
|                           | 8-526     | 42 9/16-48               | 45 1/16-48            |                                 | <u> </u>              |                  |
|                           | Stop      |                          |                       |                                 |                       |                  |
|                           | 8-236     | 27 1/16-<br>32 1/2       | 29 9/16-35            |                                 |                       |                  |
|                           | 8-336     | 33 9/16-<br>38 3/4       | 35 1/16-<br>41 1/2    | \$445.00                        | \$473.00              | \$559.00         |
|                           | 8-436     | 38 13/16-<br>42 1/2      | 41 9/16-45            |                                 |                       |                  |
|                           | 8-536     | 42 9/16-48               | 45 1/16-48            |                                 | <u> </u>              |                  |

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

## Checkmate® Stops and Holders Surface Stops and Holders

Options, see page 131

#### 9 Series Surface Heavy Duty (1)

| Model | Door Open | ing (inches) |       | Finishes                 |                       |                                            |                       |                                 |
|-------|-----------|--------------|-------|--------------------------|-----------------------|--------------------------------------------|-----------------------|---------------------------------|
|       | Friction  | Hold<br>Open | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690,<br>691, 696,<br>652, BSP,<br>WSP | 606, 612, 613,<br>630 | 605, 611, 618,<br>619, 622, 629 |
|       | 9-116     | 9-126        | 9-136 | *24-28                   | NA                    |                                            |                       |                                 |
|       | 9-216     | 9-226        | 9-236 | 28 1/16-33               | 30-36                 | \$473.00 \$509.00                          |                       |                                 |
|       | 9-316     | 9-326        | 9-336 | 33 1/16-38               | 36 1/16-41            |                                            | \$509.00              | \$592.00                        |
|       | 9-416     | 9-426        | 9-436 | 38 1/16-43               | 41 1/16-46            |                                            |                       |                                 |
|       | 9-516     | 9-526        | 9-536 | 43 1/16-48               | 46 1/16-50            |                                            |                       |                                 |

#### 

| Model | Door Ope     | ening (inches) |                          | Finishes           |                                            |                       |                                    |
|-------|--------------|----------------|--------------------------|--------------------|--------------------------------------------|-----------------------|------------------------------------|
|       | Hold<br>Open | Stop           | **Butts<br>Offset Pivots | Center Hung Pivots | 689, 690,<br>691, 696,<br>652, BSP,<br>WSP | 606, 612,<br>613, 630 | 605, 611,<br>618, 619,<br>622, 629 |
|       | 9ADJ-126     | 9ADJ-136       | *24-28                   | NA                 |                                            |                       |                                    |
|       | 9ADJ-226     | 9ADJ-236       | 28 1/16-33               | 30-36              | \$493.00 \$530.00                          |                       |                                    |
|       | 9ADJ-326     | 9ADJ-336       | 33 1/16-38               | 36 1/16-41         |                                            | \$623.00              |                                    |
|       | 9ADJ-426     | 9ADJ-436       | 38 1/16-43               | 41 1/16-46         |                                            |                       |                                    |
|       | 9ADJ-526     | 9ADJ-536       | 43 1/16-48               | 46 1/16-50         |                                            |                       |                                    |

#### 10 Series Surface Adjustable Standard Duty 🕕 🛚

| Model |          |              |        |                    | Door Open                | ing (inches)          |                                             | Finishes              | 605, 611, |  |
|-------|----------|--------------|--------|--------------------|--------------------------|-----------------------|---------------------------------------------|-----------------------|-----------|--|
|       | Friction | Hold<br>Open | Stop   | Multi-<br>Function | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690,<br>691, 696,<br>652^, BSP,<br>WSP | 606, 612,<br>613, 630 | 618, 619, |  |
|       | 10-116   | 10-126       | 10-136 | 10-146             | *18-24                   | 21-26 1/2             |                                             |                       |           |  |
|       | 10-216   | 10-226       | 10-236 | 10-246             | 24 1/16-30               | 26 9/16-32            |                                             |                       |           |  |
| 3     | 10-316   | 10-326       | 10-336 | 10-346             | 30 1/16-36               | 32 1/16-38 1/2        | \$191.00                                    | \$241.00              | \$293.00  |  |
|       | 10-416   | 10-426       | 10-436 | 10-446             | 36 1/16-42               | 38 9/16-45            | ^652 Not<br>available on                    |                       |           |  |
|       | 10-516   | 10-526       | 10-536 | 10-546             | 42 1/16-48               | 45 1/16-48            | multi-function<br>holders                   |                       |           |  |

#### 55 Series Surface Standard Duty -

| Model |              | Door Openir | ng (inches)              | Finishes       |                                   |  |  |
|-------|--------------|-------------|--------------------------|----------------|-----------------------------------|--|--|
|       | Hold<br>Open | Stop        | **Butts<br>Offset Pivots | Center Hung    | 689, 690, 691, 696, 652, BSP, WSP |  |  |
|       | 55-126       | 55-136      | *18-24                   | NA             |                                   |  |  |
|       | 55-226       | 55-236      | 24 1/16-30               | 27-32          |                                   |  |  |
|       | 55-326       | 55-336      | 30 1/16-36               | 32 1/16-38 1/2 | \$149.00                          |  |  |
|       | 55-426       | 55-436      | 36 1/16-42               | 38 9/16-45     |                                   |  |  |
|       | 55-526       | 55-536      | 42 1/16-48               | 45 1/16-48     |                                   |  |  |

<sup>\*</sup> Butt hung only

#### **ASSA ABLOY**

<sup>\*\*</sup> Pricing for Offset 1-3/4 thick doors hung on standard 4-1/2 x 4-1/2 butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.

## **Checkmate® Stops and Holders Options How To Order**

#### **Quick Reference (Options & Accessories)**

|         | Suffix | Description                                                        | Price                                                       |  |
|---------|--------|--------------------------------------------------------------------|-------------------------------------------------------------|--|
|         | LS     | Less Spring Models 1 and 9 only                                    | Add \$30.00                                                 |  |
|         | TORX   | Security Screws. All Models. Only provided for screws visible.     | Add \$114.00                                                |  |
| © ⊙ ⊙ ⊙ | 5458*  | LH Flush Mounting Brackets Models 8 & 9                            |                                                             |  |
| 0000    | 5459*  | RH Flush Mounting Brackets Models 8 & 9                            | \$74.00                                                     |  |
| © 0 0 0 | 5258*  | Flush Mounting Brackets Models 10 & 55                             |                                                             |  |
|         | SPLO   | Special layout that may require special templating and/or products | Excluded from buying programs - contact factory for pricing |  |

<sup>\*</sup>Specify finish when ordering.

#### How To Order

| 1<br>Series                                                                                                                                                                                                                                                                                        | 3<br>Door Size<br>Symbol         | 2<br>Function                                           | 6<br>Filler |                            | x LS<br>Options                                                 |                                                                                                                     | x 630<br>Finish                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------|-------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Hvy Dty Concealed 1ADJ Hvy Dty Concealed Adj 2 Std Dty Concealed Adj 5 Std Dty Concealed 6 Low Profile Concealed 6ADJ Low Profile Concealed Adjustable 7 Surf Cantilever Holder 8HD Extra Hvy Dty Dbl Lever 9 Hvy Dty Surface 9ADJ Hvy Dty Surface Adj 10 Std Dty Surface Adj 55 Std Dty Surface | 1 2 3 4 5 See Catalog for Sizing | 1 Friction<br>2 Holder<br>3 Stop<br>4 Multi<br>function |             | LS<br>Torx<br>ARM<br>SPLO# | Less Spring<br>Security<br>Screws<br>Arm Only<br>Special Layout | 605<br>606<br>611<br>612<br>613<br>618<br>619<br>622<br>629<br>630<br>652<br>689<br>690<br>691<br>696<br>BSP<br>WSP | Bright Brass Satin Brass Bright Bronze Satin Bronze Dark Bronze Bright Nickel Satin Nickel Flat Black Bright Stainless Satin Stainless Satin Chrome on Steel Sprayed Aluminum Sprayed Dark Bronze Sprayed Brass Black Suede White Suede |

Experience a safer



Note: Threshold prices include preparations for Rixson floor closers and pivots.

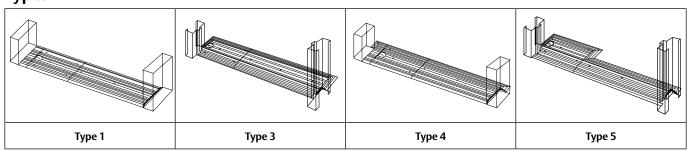
Add \$100 to threshold prepped for any other manufacturers product

#### Sizes •

| Materials               | Sizes Available         | Single Doors to<br>36" | Pair of Doors to 72" | Add Per Inch |
|-------------------------|-------------------------|------------------------|----------------------|--------------|
| Mill Aluminum           | 400, 500, 600, 700, 800 | \$774.00               | \$1,548.00           | \$21.80      |
| Polished Aluminum       | 400, 500, 600, 700, 800 | \$973.00               | \$1,946.00           | \$27.70      |
| Mill Bronze             | 400, 500, 600, 700, 800 | \$2,120.00             | \$4,240.00           | \$61.00      |
| 605, 606, 613 on Bronze | 400, 500, 600, 700, 800 | \$2,914.00             | \$5,828.00           | \$78.00      |

| 6"             | 5"          | 4"   6"   Type 1 | 3"   5"   Type 5 |
|----------------|-------------|------------------|------------------|
| 800 Profile    | 700 Profile | 600 Profile      | 500 Profile      |
| 2"  4"  Type 5 |             |                  |                  |
| 400 Profile    |             |                  |                  |

#### Types •

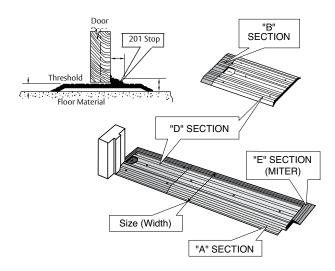


## Thresholds Component

Note: Threshold prices include preparations for Rixson floor closers and pivots Add \$100 to threshold prepped for any other manufacturers product

#### **Components**

| Descriptions                      | Sizes Available         | Price            |
|-----------------------------------|-------------------------|------------------|
| A Section Mill Aluminum           | 400, 500, 600, 700, 800 | \$21.80 per inch |
| A Section Polished Aluminum       | 400, 500, 600, 700, 800 | \$27.70 per inch |
| A Section Mill Bronze             | 400, 500, 600, 700, 800 | \$60.90 per inch |
| B Section Mill Aluminum           | 600, 700, 800           | \$81.00          |
| B Section Polished Aluminum       | 600, 700, 800           | \$100.00         |
| B Section Mill Bronze             | 400, 500, 600, 700, 800 | \$218.00         |
| B Section 605, 606, 613 on Bronze | 700, 800                | \$201.00         |
| D Section Mill Aluminum           | 700, 800                | \$298.00         |
| D Section Polished Aluminum       | 700, 800                | \$395.00         |
| D Section Mill Bronze             | 700, 800                | \$692.00         |
| D Section 605, 606, 613 on Bronze | 400, 500, 600, 700, 800 | \$882.00         |
| E Section Mill Aluminum           |                         | \$176.00         |
| E Section Polished Aluminum       |                         | \$204.00         |
| E Section Mill Bronze             |                         | \$234.00         |
| E Section 605, 606, 613 on Bronze |                         | \$285.00         |



## Thresholds Options How To Order

Note: Threshold prices include preparations for Rixson floor closers and pivots. Add \$100 to threshold prepped for any other manufacturers product

|                                | Prefix        | Description                                                                                                                                                                                                                                  |                                                             | Add                                                                             |
|--------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------|
|                                | PH            | 1/4" high - for ADA compliance 700 & 800 only                                                                                                                                                                                                |                                                             | \$0.00                                                                          |
|                                | Suffix        | Description                                                                                                                                                                                                                                  |                                                             |                                                                                 |
|                                | Abrs Ctg      | Abrasive Coating                                                                                                                                                                                                                             |                                                             | 50%                                                                             |
|                                | Ext Miters    | Miters in addition to those normally supplied - give qua                                                                                                                                                                                     | ntity and location                                          | Consult Factory                                                                 |
|                                | MSES          | Motal Carous and Eugansian Chiefe                                                                                                                                                                                                            | Single Opening                                              | \$8.20                                                                          |
|                                | IVISES        | Metal Screws and Expansion Shields                                                                                                                                                                                                           | Double Opening                                              | \$16.40                                                                         |
| then a train a resource of the | 201           | Aluminum ADD \$3.30 per inch to list of threshold Bronze ADD \$20.02 per inch to list of threshold 605 ADD \$24.09 per inch to list of threshold 613 ADD \$28.05 per inch to list of threshold 606 ADD \$23.10 per inch to list of threshold |                                                             |                                                                                 |
|                                | 301           | Step Down; not available for type 5                                                                                                                                                                                                          |                                                             | Add \$10.00 to<br>standard door<br>width thresholds<br>\$2.00 per<br>extra inch |
| (राज्यावस्थात्राक्षः           | 501           | Step Down; not available for type 5                                                                                                                                                                                                          |                                                             | Add \$10.00 to<br>standard door<br>width thresholds<br>\$2.00 per<br>extra inch |
|                                | Straight Ends | Specify length needed if more than 2"                                                                                                                                                                                                        |                                                             | Consult Factory                                                                 |
|                                | SPLO          | Special layout that may require special templating and/or products                                                                                                                                                                           | Excluded from buying programs - contact factory for pricing |                                                                                 |

#### **How To Order**

| PH X                                  | 3                                                                            | X 700 X                                                                                                                                                                                                                                                                             | 201                                                                                                                                                                                                                  | X 36                         | X 1-3/4           | RH                                | 27N                         | AL                                                                            |
|---------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------------------------------------------------|
| Prefix                                | Туре                                                                         | Size (width)                                                                                                                                                                                                                                                                        | Options                                                                                                                                                                                                              | Opening<br>(Jamb to<br>Jamb) | Door<br>Thickness | Hand                              | Closer<br>or Pivot<br>Model | Material                                                                      |
| Blank<br>1/2" High<br>PH<br>1/4" High | 1 Center<br>Hung<br>3 Offset<br>Hung<br>4 Center<br>Hung<br>5 Offset<br>Hung | 400 3-3/4" (used with Type 5 or doors without floor closers) 500 4-3/4" (used with Type 5 or doors without floor closers) 600 5-3/4" (can't be used with Type 5 or floor closers) 700 6-3/4" (cannot be used with Type 5) or 201 stop strip 800 7-3/4" (cannot be used with Type 5) | Abrasive Coating Extra Miters (specify qty & location) MSES Machine screws and lead shield 201 Applied stop 301 Step Down (specify location) 501 Step Down (specify location) Straight Ends (specify qty & location) | Canno<br>ordere<br>5 type    | d with            | Blank Pair<br>RH Right<br>LH Left |                             | AL Mill Aluminum BZ Mill Bronze 605 Polished Brass 606 Satin Brass 613 Bronze |

**ASSA ABLOY** 



136

Options, see page 138

#### **Electromagnet Door Holder/Releases**

| Model      |       | Description                            | Price      |  |
|------------|-------|----------------------------------------|------------|--|
| <b>6</b> 5 | 980M  | Floor Mounted                          | \$903.00   |  |
|            | 981M  | Floor Mounted Back to Back Doors       | \$1,191.00 |  |
|            | 989   | Low Projection Wall                    | \$470.00   |  |
| (i)        | 990M  | Low Projection Wall                    | \$509.00   |  |
|            | 991M  | Hazardous Location Wall                | \$860.00   |  |
|            | 993M  | High Hold Wall (with switch)*          | £000.00    |  |
|            | 9930M | High Hold Floor Mounted (with switch)* | \$990.00   |  |
|            | 994M  | Wall Mounted Adjustable Armature       | \$509.00   |  |
| ICO        | 996M  | Surface Mounted                        | \$539.00   |  |
|            | 997M  | Wall Mounted                           | \$509.00   |  |
|            | 998M  | Wall Mounted                           |            |  |
|            | 999M  | Universal Wall Mounted                 | \$681.00   |  |
|            | 972H  | Swinging Door                          |            |  |
|            | 9725  | Sliding Door                           | \$1,000.00 |  |
|            | 972U  | Overhead Door                          |            |  |

<sup>\*</sup> With no switch option, deduct \$59.00

and more open world

Experience a safer

| Į        |         |
|----------|---------|
| 0        |         |
| 9        | v       |
| 1        | Œ       |
| J        | S S S S |
| ū        | à       |
| net      | elea    |
|          |         |
|          |         |
| <u> </u> | ≅       |
| ge       | Æ       |
| mag      | ler/R   |
|          | U       |
| <u></u>  | Ider    |
| <u></u>  | U       |
| <u></u>  | Ider    |
| <u></u>  | Ider    |

| Model                         |         | Description                                | Price    |
|-------------------------------|---------|--------------------------------------------|----------|
| \$                            | 996XK   | 1-1/2" Wall Extension/conversion kit       | \$125.00 |
|                               | 900     | Armature Extension Base 1-1/2"             | \$102.00 |
| 1/2<br>(13)                   | 900-50  | 1/2" Spacer MUST BE USED WITH 900 BASE     |          |
| 3/4 (19)                      | 900-75  | 3/4" Spacer MUST BE USED WITH 900 BASE     | \$54.00  |
| 1 (25) ++                     | 900-100 | 1" Spacer MUST BE USED WITH 900 BASE       |          |
| (51)                          | 900-200 | 2" Spacer MUST BE USED WITH 900 BASE       |          |
| 3 (76)                        | 900-300 | 3" Spacer MUST BE USED WITH 900 BASE       |          |
| 4 (102)                       | 900-400 | 4" Spacer MUST BE USED WITH 900 BASE       | \$67.00  |
| 5 (127)                       | 900-500 | 5" Spacer MUST BE USED WITH 900 BASE       | \$67.00  |
| 6<br>(152)                    | 900-600 | 6" Spacer MUST BE USED WITH 900 BASE       |          |
| 7 (178)                       | 900-700 | 7" Spacer MUST BE USED WITH 900 BASE       |          |
| <del>- 1-1/2  </del><br> (38) | 900-Z   | 90° Bend Spacer MUST BE USED WITH 900 BASE | \$102.00 |

| 998M<br>Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | х                                                                                                                                                                             | x 689<br>Finish                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 980M Floor Mounted 981M Floor Mounted Back to Back Doors 989 Low Projection Wall Mounted 990M Low Projection Wall Mounted 991M Hazardous Location Mounted 993M High Hold Wall Mounted 9930M High Hold Floor Mounted 994M Wall Mounted Adjustable Armatur 996M Surface Mounted 997M Wall Mounted 997M Wall Mounted 998M Wall Mounted 998M Wall Mounted 999M Universal Wall Mounted 972H Swinging Door 972S Sliding Door 972U Overhead/Rolling Door | Blank Tri-volt  For single voltage higher holding force products specify: 24VAC 24V/DC 12VDC 12VAC 12VAC 120VAC 120VAC specify 12VDC, 24VDC or 120VDC for 972H, 972S, or 972U | 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 693 Sprayed Black 696 Sprayed Brass BSP Black Suede WSP White Suede |

#### Smok Chek® V

| Model |                                            | Description                                           | Price      |
|-------|--------------------------------------------|-------------------------------------------------------|------------|
|       | 0600                                       | Non-Detectored Pull Side Mounting                     |            |
|       | 0601 Non-Detectored Push Side Mounting \$1 |                                                       | \$1,097.00 |
|       | 0602                                       | on-Detectored Holder on Pull Side Closer on Push Side |            |
|       | 0100                                       | Non-Detectored Pull Side Mounting Holder Only         | ¢005.00    |
|       | 0101                                       | Non-Detectored Push Side Mounting Holder Only         | \$985.00   |

#### **Quick Reference Options**

| Suffix | Description                       | Price           |
|--------|-----------------------------------|-----------------|
| LC     | Less Closer                       | Deduct \$337.00 |
| TORX   | Torx Screws                       | Add \$112.00    |
| 550789 | 550789 Deep Reveal/180° Swing Arm | \$370.00        |

|                                      | 0601<br>Series                                                                                                                                                                                                          | x 120VAC<br>Voltage |                      | x 550789<br>Options                       | x 689<br>Finish                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 0600<br>0601<br>0602<br>0100<br>0101 | Non-Detectored Pull Side Mounting Non-Detectored Push Side Mounting Non-Detectored Holder on Pull Side/ Closer on Push Side Non-Detectored Pull Side Mounting Holder Only Non-Detectored Push Side Mounting Holder Only | 120VAC<br>24VAC/DC  | LC<br>Torx<br>550789 | Less Closer Body<br>Security Screw<br>Arm | 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 693 Sprayed Black 696 Sprayed Brass BSP Black Suede WSP White Suede |

## Electrified Closer/Holders Options How to Order

#### Smok Chek® VI

| Model |        | Description                       | Price      |
|-------|--------|-----------------------------------|------------|
|       | 4 PULL | Non-Detectored Pull Side Mounting | \$1,724.00 |
|       | 4 PUSH | Non-Detectored Push Side Mounting | \$1,724.00 |

#### Quick Reference Options -----

| Prefix |                                    | Price        |
|--------|------------------------------------|--------------|
| FS     | Free Swing Arm (Pull Side Only)    | Add \$49.00  |
| DE     | Double Egress Arm (Pull Side Only) | Add \$78.00  |
| Suffix |                                    |              |
| Torx   | Security Screws                    | Add \$112.00 |

| F        | FS<br>Prefix                                    |                  | 4 PULL<br>Series                                                                                                     | x 24VDC<br>Voltage | x Torx<br>Options | x RH<br>Hand        | x 689<br>Finish                                                                                                         |
|----------|-------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| FS<br>DE | Free<br>Swing<br>Arm<br>Double<br>Egress<br>Arm | 4 PULL<br>4 PUSH | Non-Detectored Pull Side Mounting<br>Selective Hold Open<br>Non-Detectored Push Side Mounting<br>Selective Hold Open | 24VDC<br>120VAC    | Torx              | RH Right<br>LH Left | 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 696 Sprayed Brass BSP Black Suede WSP White Suede |

#### **CHECKMATE® 99 -----**

| Model | Description | Price                             |          |
|-------|-------------|-----------------------------------|----------|
|       | 99-726      | Non-Detectored Push Side Mounting | \$624.00 |
|       | 99-926      | Non-Detectored Pull Side Mounting | \$624.00 |

| 99-726<br>Series                         | x 24VDC<br>Voltage | x 689<br>Finish          |
|------------------------------------------|--------------------|--------------------------|
| 99-726 Non-Detectored Push Side Mounting | 24VAC/DC           | 689 Sprayed Aluminum     |
| 99-926 Non-Detectored Pull Side Mounting | 120VAC             | 690 Sprayed Dark Bronze  |
|                                          |                    | 691 Sprayed Light Bronze |
|                                          |                    | 696 Sprayed Brass        |
|                                          |                    | BSP Black Suede          |
|                                          |                    | WSP White Suede          |
|                                          |                    |                          |



## Parts Price List

USA and Canada Prices Effective March 16, 2020

## **Table of Contents Parts**

## **RIXSON**

| Contents Page                                                                                              | • |
|------------------------------------------------------------------------------------------------------------|---|
| Finishes145                                                                                                |   |
| Heavy Duty Floor Closers                                                                                   |   |
| Shallow Depth Floor Closers                                                                                |   |
| Specialty Closers                                                                                          |   |
| Overhead Concealed Closers                                                                                 |   |
| Pivots and Pivot Sets. 183  Top Pivots Intermediate Pivots Pocket Pivots Offset Hung Sets Center Hung Sets |   |
| Checkmate® Stops & Holders                                                                                 |   |
| Electromagnetic Door Holder/Releases195                                                                    |   |
| Electrified Closer/Holders                                                                                 |   |

#### Finish Symbol Designations -----

| BHMA**          | US   | DESCRIPTION                             |
|-----------------|------|-----------------------------------------|
| 600   674       | Р    | PRIME COAT                              |
| 605* / 632      | 3    | BRIGHT BRASS                            |
| 606 / 633       | 4    | SATIN BRASS                             |
| 611 / 637       | 9    | BRIGHT BRONZE                           |
| 612 / 639       | 10   | SATIN BRONZE                            |
| 613 / 640       | 10B  | DARK BRONZE                             |
| 613E / 640E     | 10BE | DARK OXIDIZED SATIN BRONZE - EQUIVALENT |
| 618             | 14   | BRIGHT NICKEL                           |
| 619             | 15   | SATIN NICKEL                            |
| 622   693   BSP | 19   | BLACK SUEDE POWDER COAT                 |
| 625 / 651       | 26   | BRIGHT CHROME                           |
| 626   652       | 26D  | SATIN CHROME                            |
| 629*            | 32   | BRIGHT STAINLESS                        |
| 630*            | 32D  | SATIN STAINLESS                         |
| 689             |      | SPRAYED ALUMINUM                        |
| 690             |      | SPRAYED DARK BRONZE                     |
| 691             |      | SPRAYED LIGHT BRONZE                    |
| 696             |      | SPRAYED BRASS                           |
| WSP             |      | WHITE SUEDE                             |

#### Blackened or hammered finishes are not available.

For any other finishes not listed, contact pricing department, 800-457-5670.

- \* Patch fittings are available in these finishes only.
- \*\* BHMA numbers are assigned by base metals on which finish is being applied. For more information see ANSI A156.18. Appearance should closely match old US numbers.

For finish availability see product "how to order" pages.

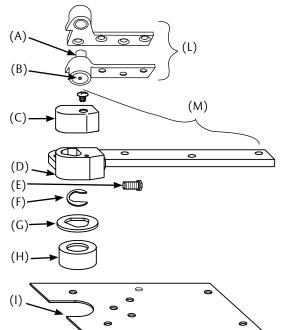
## **Heavy-Duty Floor Closers Parts Drawings**

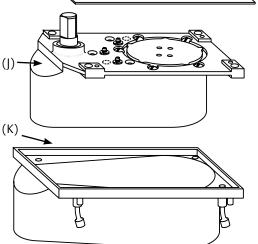
#### Model 27 ■

Right Hand Shown 3/4" Offset

| (A) Pivot Stud<br>181770-ASY                                                                                      | \$8.80   |
|-------------------------------------------------------------------------------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                                                           | \$9.20   |
| (C) Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$53.80  |
| (D) 3/4" Offset Arm x<br>Locking Screw<br>275177 (RH)<br>275176 (LH)                                              | \$107.00 |
| (E) Arm Locking Screw Only<br>88905-PKG (5)<br>(F) Arm Shims<br>275065-PKG (5)                                    | \$40.30  |
| (G) Arm Bearing Washer<br>275062-PKG (5)                                                                          | \$21.30  |
| (H) Spindle Shoulder<br>Collar 259000-*                                                                           | \$35.50  |

| For 27 x 1-1/2" Offset                                                                                  |                |  |
|---------------------------------------------------------------------------------------------------------|----------------|--|
| 1-1/2" Offset Top Pivot<br>180 x 1-1/2"<br>F180 x 1-1/2"<br>Fire Rated<br>180 x 20 x 1-1/2<br>20 Minute | See<br>Page 85 |  |
| 1-1/2" Offset Arm x Locking<br>Screw<br>275167-*                                                        | \$167.00       |  |
| 1-1/2" Bottom Arm Package<br>252060R*<br>252060L*                                                       | See Page<br>85 |  |





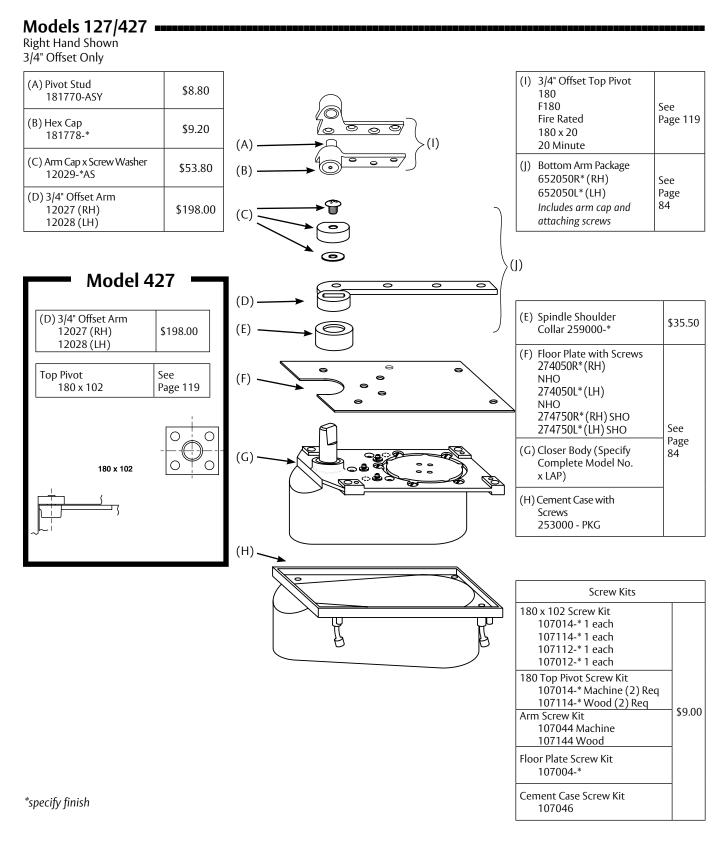
| (L) 3/4" Offset Top Pivot<br>Assembly<br>180 (standard)<br>F180 Fire Rated<br>180-20 (20 minutes)                                                                             | See<br>Page 119 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| (M) Bottom Arm Package<br>252050R* (RH)<br>252050L* (LH)<br>Package includes: arm<br>locking screw, arm cap<br>and screw, spindle<br>shoulder collar and<br>attaching screws. |                 |
| (I) Floor Plate x Screws<br>274050R* (RH)<br>NHO/AHO<br>274050L* (LH)<br>NHO/AHO<br>274750R* (RH) SHO<br>274750L* (LH) SHO                                                    | See<br>Page 84  |
| (J) Closer Body<br>LAP Specify Complete<br>Model                                                                                                                              |                 |

| Screw Kits                                                                                                                     |        |
|--------------------------------------------------------------------------------------------------------------------------------|--------|
| 180 Top Pivot Screw Kit<br>107014-* Machine (2) Req<br>107114-* Wood (2) Req<br>Arm Screw Kit<br>107044 Machine<br>107144 Wood | \$9.00 |
| Floor Plate Screw Kit<br>107004 -*                                                                                             | ¥3.00  |
| Cement Case Screw Kit<br>107046                                                                                                |        |

(K) Cement Case x Screws 253000-PKG

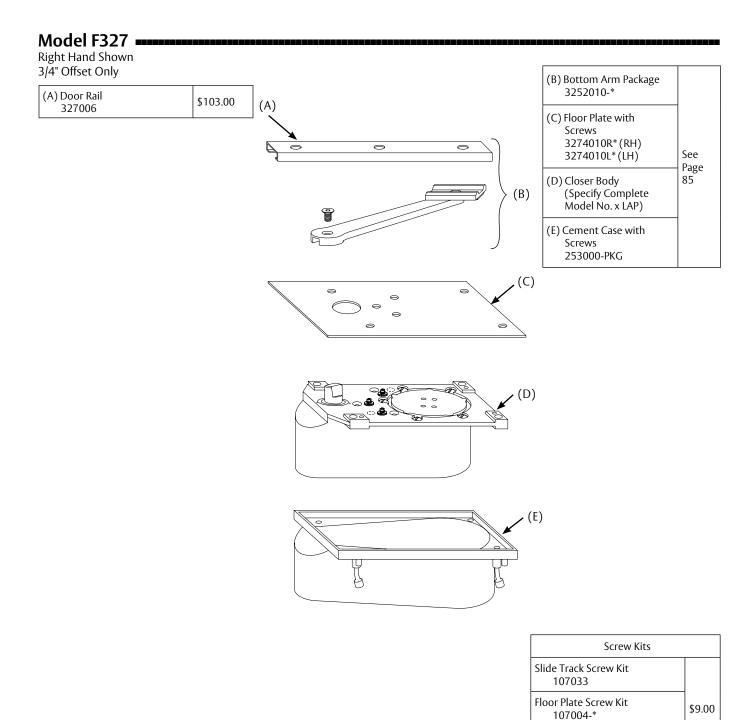
\*specify finish

## **Heavy-Duty Floor Closers Parts Drawings**



Experience a safer and more open world Norton and Rixson are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company.

## Heavy-Duty Floor Closers Parts Drawings



\*specify finish

Cement Case Screw Kit 107046

## Heavy-Duty Floor Closers Parts Drawings

Model L27 Right Hand Shown For L27 x 3/4" Offset 3/4" Offset Only 0 (L) 3/4" Offset Top Pivot F180 (L) (A) Pivot Stud FL180 See \$8.80 181770-ASY Fire Rated Page 119 (B) L180 x 20 20 Minute (B) Hex Cap (M) Bottom Arm Package 1-3/4" Door \$9.20 181778-\* 252051R\* (RH) 252051L\* (LH) (C) Arm Cap & Screw 2" Door 252052R\* (RH) 252052L\* (LH) 012142R\*AS (RH, BRS) 012142L\*AS (LH, BRS) \$53.80 (D) 2-1/4" Door 252053R\* (RH) 252053L\* (LH) **(E)** 012144R\*AS (RH, SS) (M) 012144L\*AS (LH, SS) 2-1/2" Door 252054R\* (RH) 252054L\* (LH) (D) Arm x Locking Screw 1-3/4" Door \$201.90 18550-Asy (RH) 3" Door 18650-Asy (LH) 252055R\*(RH) 252055L\*(LH) (D) Arm x Locking Screw Package includes: arm, arm 2" Door locking screw, arm cap and 18551-Asy (RH) screw, shoulder collar and See 18651-Asy (LH) attaching screws. Page 86 (D) Arm x Locking Screw (H) Floor Plate with Screws 2-1/4" Door 274050R\*(RH) 18552-Asy (RH) 18652-Asy (LH) NHO \$445.90 274050L\*(LH) (D) Arm x Locking Screw NHO 2-1/2" Door 274750R\*(RH)SHO 18553-Asy (RH) 274750L\* (LH) SHO 18653-Asy (LH) (I) Closer Body (Specify (D) Arm x Locking Screw Complete Model No. 3" Door x LAP) includes 18554-Asy (RH) 41204- PKG 18654-Asy (LH) (E) Arm Locking Screw Only (J) Cement Case with \$40.30 Screws 88905-PKG (5) 253001 (F) Spindle Shoulder Collar \$103.00 259500-\* Screw Kits (G) Heavy-Duty Thrust L180 Screw Kit Bearing 107016-\* Machine (2) Req \$10.20 \$114.00 41204-PKG (includes 107116-\* Wood (2) Req 41207N spacer) Arm Screw Kit 107048 Machine 107144 Wood Floor Plate Screw Kit \$9.00 107004-\* Cement Case Screw Kit 107046

\*specify finish

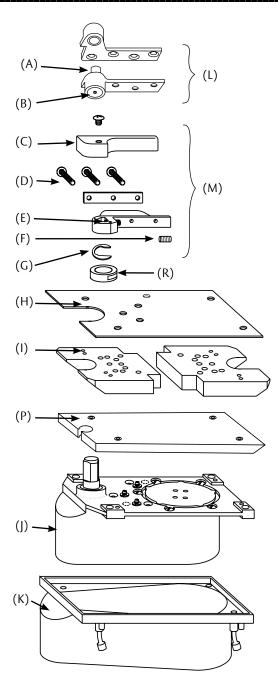
Norton and Rixson are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company,

## **Heavy-Duty Floor Closers Parts Drawings**

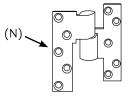
# Model Q27/QT27 Right Hand Shown

3/4" Offset Only

| ,                                                                                         |          |
|-------------------------------------------------------------------------------------------|----------|
| (A) Pivot Stud<br>181770-ASY                                                              | \$8.80   |
| (B) Hex Cap<br>181778-*                                                                   | \$9.20   |
| (C) Arm Cap & Screw<br>73035R*AS (RH)<br>73035L*AS (LH)                                   | \$53.80  |
| (D) Arm Mounting<br>Screws and Plate<br>73014-*                                           | \$9.00   |
| (E) Removable Arm<br>73001R-ASY (RH)<br>73001R-ASY (RH)                                   | \$203.00 |
| (F) Arm Locking Screw<br>Only - 88905-PKG<br>(5)                                          | \$40.30  |
| (G) Arm Washer/Shim<br>Package - 275179<br>Includes 275065<br>and 275178 Torque<br>Washer | \$41.20  |
| (I) Q27 Styrofoam Filler<br>73009                                                         | \$43.20  |
| (P) QT Styrofoam Filler<br>73017                                                          | \$9.00   |
| (R) Spindle Shoulder Collar<br>259000-*                                                   | \$35.50  |



| For 027/0727 v 2/4" Office                                                                                                                                                                    |                    |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|--|
| For Q27/QT27 x 3/4" Offset                                                                                                                                                                    |                    |  |  |
| (L) 3/4" Offset Top Pivot<br>180<br>F180<br>Fire Rated<br>180 x 20<br>20 Minute                                                                                                               | See<br>Page<br>119 |  |  |
| (M) Bottom Arm Package<br>222050R* (RH)<br>222050L* (LH)<br>Package includes: arm, arm<br>locking screw, arm cap and<br>screw, arm mounting plate,<br>shoulder collar and attaching<br>screws | See<br>Page<br>87  |  |  |
| 3/4" Offset Intermediate Pivot<br>M19<br>FM19<br>M19-20                                                                                                                                       | See<br>Page<br>120 |  |  |
| (N) M19 Intermediate Pivot<br>Screw Kit<br>107015-* Machine (2 Req)<br>107115-* Wood (2 Req)                                                                                                  | \$9.00             |  |  |



Intermediate Pivot

| (H) Q Floor Plate with Screws<br>294050R*(RH)<br>NHO<br>294050L*(LH)<br>NHO<br>294750R*(RH)<br>SHO<br>294750L*(LH)<br>SHO | See<br>Page<br>87 |
|---------------------------------------------------------------------------------------------------------------------------|-------------------|
| (J) Closer Body<br>(Specify Complete<br>Model No. x LAP)                                                                  |                   |
| (K) Cement Case with<br>Screws 253000-PKG                                                                                 |                   |

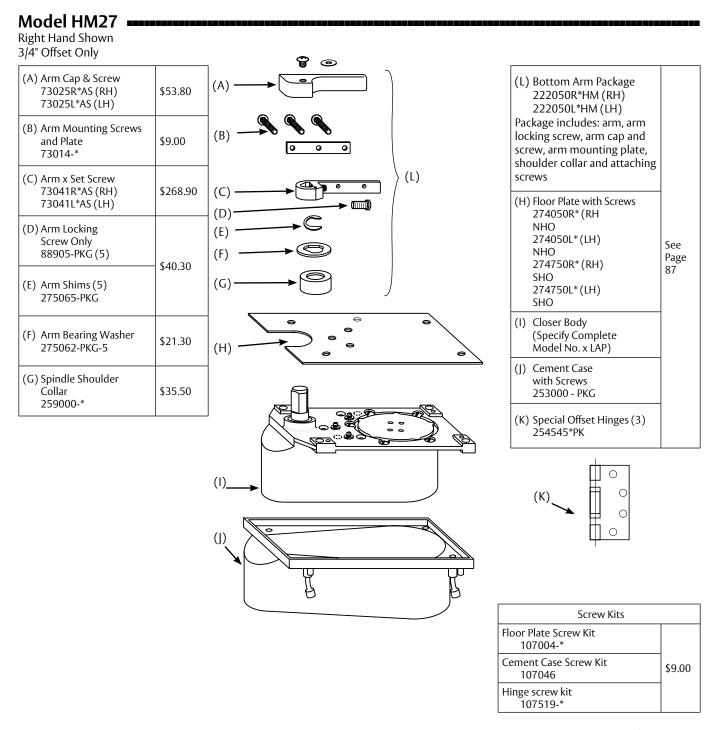
| Screw Kits                                                         |        |
|--------------------------------------------------------------------|--------|
| 180 Screw Kit<br>107014-* Machine (2) Req<br>107114-* Wood (2) Req |        |
| Q Floor Plate Screw Kit<br>107010-*                                | \$9.00 |
| Cement Case Screw Kit<br>107046                                    |        |

\*specify finish



USA & Canada Prices Effective May 1, 2021

## Heavy-Duty Floor Closers Parts Drawings

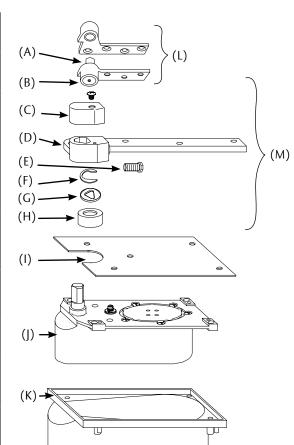


## Medium-Weight Floor Closers Parts Drawings

#### Model 20 =

Right Hand Shown 3/4" Offset Only

| (A) Pivot Stud<br>181770-ASY                                                                                                  | \$8.80   |
|-------------------------------------------------------------------------------------------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                                                                       | \$9.20   |
| (C) Arm Cap & Screw<br>012142R*AS<br>(RH, BRS)<br>012142L*AS<br>(LH, BRS)<br>012144R*AS<br>(RH, SS)<br>012144L*AS<br>(LH, SS) | \$53.80  |
| (D) 3/4" Offset Arm x<br>Locking Screw<br>275177 (RH)<br>275176 (LH)                                                          | \$107.00 |
| (E) Arm Locking<br>Screw Only<br>88905-PKG (5)                                                                                | \$40.30  |
| (F) Arm Shims<br>275065-PKG (5)                                                                                               |          |
| (G) Arm Bearing<br>Washer<br>275062-PKG (5)                                                                                   | \$21.30  |
| (H) Spindle Shoulder<br>Collar<br>259000-*                                                                                    | \$35.50  |



| (L) 3/4" Offset Top Pivol<br>180<br>FL180<br>Fire Rated<br>180 - 20<br>20 Minute                                                                                | See<br>Page<br>119 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| (M)Bottom Arm Packag<br>252050R* (RH)<br>252050L* (LH)<br>Package includes: arm, a<br>locking screw,arm cap a<br>screw, shoulder collar ar<br>attaching screws. | ırm<br>nd          |
| (I) Floor Plate with<br>Screws<br>204050-*                                                                                                                      | See<br>Page<br>88  |
| (J) Closer Body (Specific Complete Model N x LAP)                                                                                                               |                    |
| (K) Cement Case with<br>Screws                                                                                                                                  |                    |

203000

| Screw Kits                                                         |        |
|--------------------------------------------------------------------|--------|
| 180 Screw Kit<br>107014-* Machine (2) Req<br>107114-* Wood (2) Req |        |
| Arm Screw Kit<br>107044-* Machine (2) Req<br>107144-* Wood (2) Req | \$9.00 |
| Floor Plate Screw Kit<br>107004-*                                  |        |
| Cement Case Screw Kit<br>107046                                    |        |

## Heavy-Duty Floor Closers Parts Drawings

#### Model 28 -----

|                                                                                        |          | _                                                                     |
|----------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------|
| (A) Jamb Portion<br>3065                                                               | \$132.00 | (A) 340 Top Pivot See Page 123                                        |
| (B) Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS)                                  | \$53.80  | (B) (C) (C) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B                    |
| (C) Door Portion<br>30243                                                              | \$132.00 | (D) W28 Wood Door Plate & Shim Pkg (includes 46145 & 46445) \$84.00   |
| (E) Arm Plate Shims (.062)<br>46045-PKG (5)<br>Arm Plate Shims (.187)<br>46145-PKG (5) | \$30.60  | 107066  Wood Door Arm Package                                         |
| (F) Arm Plate & Stud Assy<br>46445                                                     |          | (D, E, F, J) 282126 \$177.                                            |
| (G) Arm Spindle Screw<br>01244010-PKG (5)                                              | \$15.10  |                                                                       |
| (H) Arm Spindle Washer<br>01030-PKG (5)                                                | \$25.90  | (P) (P) Bottom arm package 282026-* includes E-L and attaching screws |
| (I) Arm Set Screw Only<br>26087-PKG (5)                                                | \$22.90  | $(K) \longrightarrow (K)$                                             |
| (J) Arm & Arm Set Screw<br>282026                                                      | \$82.00  |                                                                       |
| (K) Arm Alignment Screw &<br>Washer (2) of each<br>107032-*                            | \$39.10  |                                                                       |
| (L) Arm Spindle Collar<br>included in arm package)<br>259000-*                         | \$35.50  | (N) 554 Concealed Arm Package                                         |
|                                                                                        |          | <b>282554</b> Includes 1070                                           |
|                                                                                        |          | See Page 89                                                           |
|                                                                                        |          | (O) (M)Floor Plate with                                               |
| Screw Kits 340 Screw Kit                                                               |          | Screws<br>NHO                                                         |
| 107329 Machine & Wood                                                                  |          | 284020R*(RH)<br>284020L*(LH)                                          |
| Arm Screw Kit<br>107048 Machine<br>107144 Wood                                         |          | SHO<br>284720R*(RH)<br>284720L*(LH)<br>See<br>Page 89                 |
| 554 Arm Screw Kit<br>107064                                                            | \$9.00   | (N) Closer Body<br>(Specify Complete                                  |
| Floor Plate Screw Kit<br>107004-*                                                      |          | Model No. x LAP)  (O) Cement Case                                     |
| Cement Case Screw Kit<br>107046                                                        |          | with Screws 253000-PKG                                                |

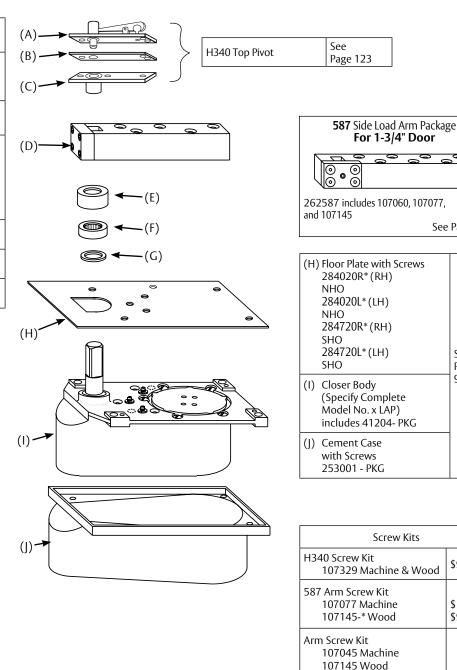
\*specify finish

#### USA & Canada Prices Effective May 1, 2021

## **Heavy-Duty Floor Closers Parts Drawings**

#### Model H28 -

| (A) Jamb Portion<br>308548                                                                                              | \$460.00          |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|
| (B) Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS)                                                                 | \$53.80           |
| (C) Door Portion<br>30141                                                                                               | \$460.00          |
| (D) Standard End Load<br>Arm Package<br>(minimum 2" door<br>thickness) 262022<br>includes 107060,<br>107045, and 107145 | See<br>Page<br>90 |
| (E) Arm Spindle Collar<br>259500-*                                                                                      | \$103.00          |
| (F) Heavy-Duty Thrust<br>Bearing 41204-PKG                                                                              | \$114.00          |
| (G) Arm Shim Kit<br>107060                                                                                              | \$12.40           |



\*specify finish

See Page 90

See

Page 90

\$9.00

\$14.70

\$9.00

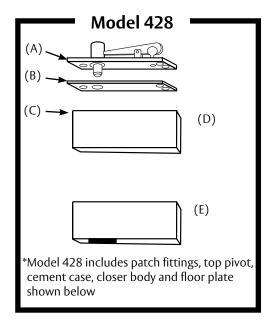
\$9.00

Floor Plate Screw Kit 107004-\* Cement Case Screw Kit 107046

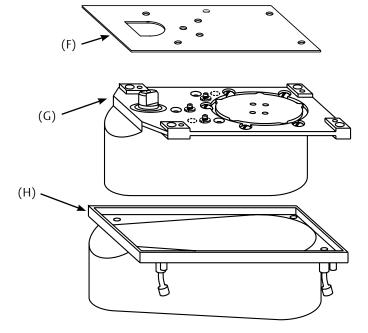
## Heavy-Duty Floor Closers Parts Drawings

#### Model 328/428

| (A) Jamb Portion<br>42801                               | \$132.00 |  |
|---------------------------------------------------------|----------|--|
| (B) Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$53.80  |  |
| (C) Door Portion<br>7495 - *                            | \$188.00 |  |
| Bottom Insert Pivot<br>74101                            | \$50.60  |  |
| Top Pivot Insert<br>74102                               | 00.00 و  |  |



| (D) Top Patch 7494-*<br>PK (includes items<br>C & K)                                                                |                |
|---------------------------------------------------------------------------------------------------------------------|----------------|
| (E) Bottom Patch<br>7495-* PK (includes<br>items C & J)                                                             |                |
| (F) Floor Plate with<br>Screws<br>NHO -<br>284020R* (RH)<br>284020L* (LH)<br>SHO-<br>284720R* (RH)<br>284720L* (LH) | See<br>Page 91 |
| (G) Closer Body<br>(Specify Complete<br>Model No. x LAP)                                                            |                |
| (H)253000-PKG<br>Cement Case with<br>Screws                                                                         |                |



## Heavy-Duty Floor Closers Parts Drawings

#### Model 30

| (A) Jamb Portion<br>3065                                                                 | \$132.00 | (A) → ∈        |              | $\overline{}$ |          |                                                                                       |                |
|------------------------------------------------------------------------------------------|----------|----------------|--------------|---------------|----------|---------------------------------------------------------------------------------------|----------------|
| (B) Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS)                                    | \$53.80  | (B) → <b>►</b> |              | 340 Top Pivot |          | ee<br>age 123                                                                         |                |
| (C) Door Portion<br>30243                                                                | \$132.00 | (c) —          | <u> </u>     | <u> </u>      |          | <u></u>                                                                               |                |
| E) Arm Plate Shims<br>(.062) 46045-PKG<br>(5) Arm Plate<br>Shims (.187)<br>46145-PKG (5) | \$30.60  | (D) S          | 8 6          | Чо            |          | (D) <b>W30</b> Wood Door Plate<br>& Shim PKG<br>(includes<br>46145 & 46445)<br>107066 | \$84.00        |
| (F) Arm Plate & Stud<br>Assy 46445                                                       |          | (E)            | , <b>=</b> % |               |          |                                                                                       |                |
| (G) Arm & Arm Set<br>Screw 302026                                                        | \$163.00 | (F)            | <u> </u>     |               |          |                                                                                       |                |
| (H) Arm Set Screw<br>Only 26087-PKG<br>(5)                                               | \$22.90  | (G) (H)        | (I)          |               | )(N      | )                                                                                     |                |
| (I) Arm Alignment<br>Screw & Washer<br>(2) 107032-*                                      | \$39.10  |                |              | <b>**</b>     |          | (N) Bottom Arm<br>Package 302026-*<br>includes E-J and                                |                |
| J) Arm Spindle Collar<br>259000-*                                                        | \$35.50  | (K)            |              | •             | •        | attaching screws                                                                      |                |
|                                                                                          |          |                |              | y Cy          | <u> </u> | (K) Floor Plate with<br>Screws (2 parts)<br>304020-*                                  | See<br>Page 92 |
|                                                                                          |          | (L)            |              |               |          | (Specify Complete<br>Model No. x LAP)                                                 |                |
|                                                                                          |          |                |              |               |          | (M)Cement Case with<br>Screws<br>303000                                               |                |
|                                                                                          |          | (M)            |              | <u> </u>      |          | Wood Door Arm Package<br>(D & J)<br>302126                                            | \$177.10       |
|                                                                                          |          |                |              |               |          | Screw Kits                                                                            |                |
|                                                                                          |          |                |              |               |          | H340 Screw Kit<br>107329 Machine & Wood                                               | 1              |
|                                                                                          |          |                |              |               |          | Arm Screw Kit<br>107048 Machine<br>107144 Wood                                        |                |
|                                                                                          |          |                |              |               |          | Floor Plate Screw Kit<br>(2 required)<br>107004-*                                     | \$9.00         |
|                                                                                          |          |                |              |               |          | Cement Case Screw Kit                                                                 |                |

## Heavy-Duty Floor Closers Parts Drawings

#### Model 40 -----

| <u> </u> |
|----------|
| 8 8 0    |
|          |
| C ES     |
|          |
| (1)      |
|          |
| )-<br>   |

| (A) 340 Top Pivot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | See<br>Page 123                                                                         |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------|
| (C) ————————————————————————————————————                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Wood Door Arm Package<br>(D & G)<br>302126                                              | \$177.10       |
| (D)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (D) <b>W40</b> Wood Door Plate<br>Shim PKG (includes<br>46145 & 46445)<br>107066        | \$84.00        |
| (E) $(F)$ $(G)$ $(H)$ $(I)$ $(I)$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (N) Bottom Arm Package 302026- *includes E-J and attaching screws  (K) Floor Plate with |                |
| $(H) \qquad (I) $ | Screws (2 parts)<br>404020-*  (L) Closer Body<br>(Specify Complete<br>Model No. x LAP)  | See<br>Page 92 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (M)Cement Case with<br>Screws<br>403000                                                 |                |
| (L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                |

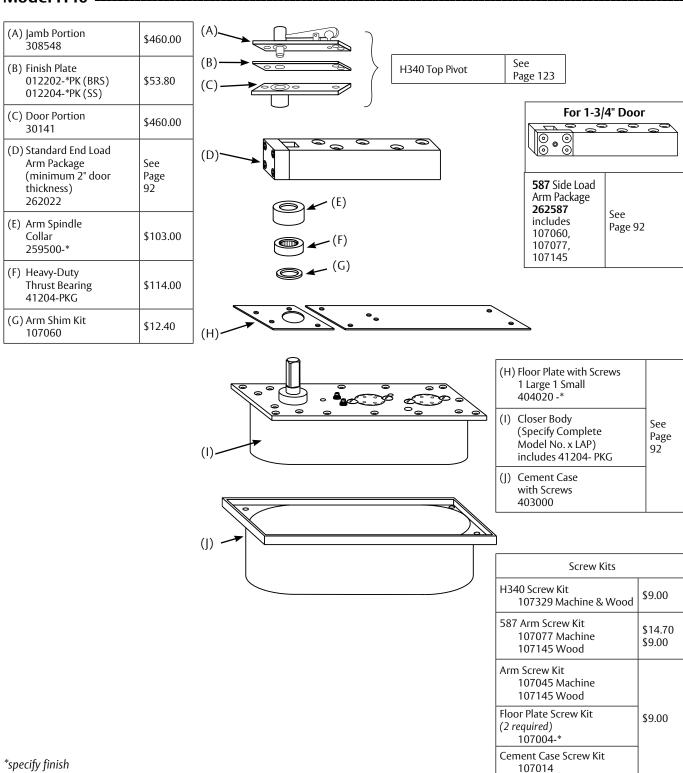
|     | Screw Kits                                     |        |
|-----|------------------------------------------------|--------|
| (M) | 340 Screw Kit<br>107329 Machine & Wood         |        |
|     | Arm Screw Kit<br>107048 Machine<br>107144 Wood | \$9.00 |
|     | Floor Plate Screw Kit                          | 1      |

107014 specify finish

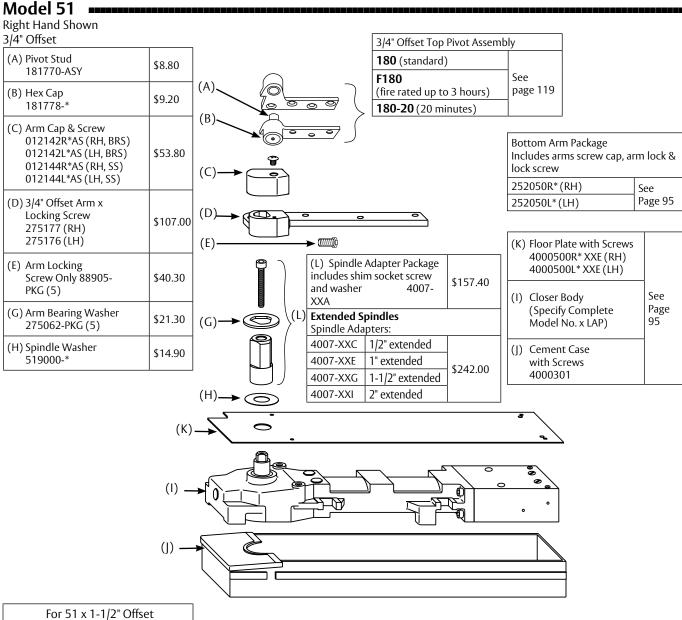
(2 required) 107004-\* Cement Case Screw Kit

## **Heavy-Duty Floor Closers Parts Drawings**

#### Model H40 •



## Shallow Depth Floor Closers Parts Drawings



| For 51 x 1-1/2" Offset                                                                              |                    |
|-----------------------------------------------------------------------------------------------------|--------------------|
| 180x1-1/2" (standard)<br>F180x1-1/2"<br>(fire rated up to 3 hours)<br>180-20x1-1/2"<br>(20 minutes) | See<br>Page<br>119 |
| 1-1/2" Offset Arm x<br>Locking Screw<br>275167-*                                                    | \$167.00           |
| 1-1/2" Offset Bottom Arm<br>pkg<br>252060-*                                                         | See<br>Page 96     |

| Screw Kits                                                    |        |
|---------------------------------------------------------------|--------|
| 180 Screw Kit<br>107014 Machine(2) Req<br>107114 Wood (2) Req |        |
| Arm Screw Kit<br>107044 Machine<br>107144 Wood                | \$9.00 |
| Floor Plate Screw Kit<br>107004-*                             |        |
| Cement Case Screw Kit<br>107075                               |        |

#### USA & Canada Prices Effective May 1, 2021

#### Model F5300 & F5310

| Widdel i 3300 Q                | 13310 -  |         |                                                                    |                |
|--------------------------------|----------|---------|--------------------------------------------------------------------|----------------|
| (A) Door Rail<br>327006        | \$103.00 | (A)     | (B) Bottom Arm Package<br>3252010-*                                |                |
| (C) Spindle<br>Washer 539000-* | \$15.10  | (B)     | (D) Floor Plate with Screws<br>4000600-*XXA<br>4000600-*XXE ("BC") |                |
|                                |          |         | (E) Closer Body<br>(specify complete<br>model no. x LAP)           | See<br>Page 96 |
|                                |          | (C) (D) | (F) Cement Case<br>with Screws<br>4000301                          |                |
|                                |          | (E)     |                                                                    |                |
|                                |          | (F)     |                                                                    |                |
|                                |          |         |                                                                    |                |

| Spindle Adapter Package<br>includes socket screw |                 |          |
|--------------------------------------------------|-----------------|----------|
| Extended Spindle Adapters                        |                 |          |
| 4009-*XXC                                        | 1/2" extended   |          |
| 4009-*XXE                                        | 1" extended     | ¢242.00  |
| 4009-*XXG                                        | 1-1/2" extended | \$242.00 |
| 4009-*XXI                                        | 2" extended     |          |

| Screw Kits                        |        |
|-----------------------------------|--------|
| Floor Plate Screw Kit<br>107004-* |        |
| Cement Case Screw Kit<br>107075   | \$9.00 |
| Slide Track Screw Kit<br>107033   |        |

\*specify finish

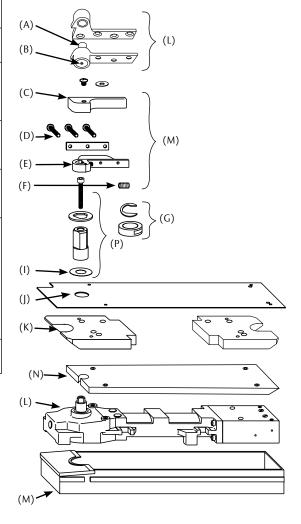
160

## **Shallow Depth Floor Closers Parts Drawings**

# Model Q51/QT51 Right Hand Shown

3/4" Offset

| (A) Pivot Stud<br>181770-ASY                                                                   | \$8.80   |
|------------------------------------------------------------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                                        | \$9.20   |
| (C) Arm Cap & Screw<br>73035R*AS (RH,<br>BRS) 73035L*AS<br>(LH, BRS)                           | \$53.80  |
| (D) Q/QT27 Arm<br>Mounting Screws &<br>Plate 73014-*                                           | \$9.00   |
| (E) Removable Arm<br>73001R-ASY (RH)<br>73001L-ASY (LH)                                        | \$203.00 |
| (F) Arm Locking<br>Screw Only<br>88905-PKG (5)                                                 |          |
| (G) Arm Washer and<br>Shim PKG 275179<br>(includes Shim 275065<br>and 275178 Torque<br>Washer) | \$40.30  |
| (I) Spindle Washer<br>519000-X                                                                 | \$14.90  |



|                    | 3/4" Offset<br>Intermediate Pivot (1)<br>M19<br>FM19<br>Fire Rated<br>M19-20<br>20 Minute | See<br>Page<br>120 |
|--------------------|-------------------------------------------------------------------------------------------|--------------------|
| Intermediate Pivot |                                                                                           |                    |

| (L) 3/4" Offset Top Pivot<br>180<br>FL180<br>Fire Rated<br>180 - 20<br>20 Minute | See<br>Page<br>119 |
|----------------------------------------------------------------------------------|--------------------|
| (M) Bottom Arm Package<br>222050R* (RH)<br>222050L* (LH)                         | See<br>Page<br>97  |

| (P) Spindle Adapter<br>Package includes shims<br>& washer 4007-XXC |               | \$242.00 |
|--------------------------------------------------------------------|---------------|----------|
| Extended Spindles<br>Spindle Adapters:                             |               |          |
| 4007-XXF                                                           | 1/2" extended | £2.42.00 |
| 4007-XXH                                                           | 1" extended   | \$242.00 |

| (J) Floor Plate w/Screws<br>4000501R* XXA<br>(RH)<br>4000501L* XXE<br>(LH), "BC")<br>4000501R* XXE<br>(RH, "BC")<br>4000501L* XXE<br>(LH, "BC")<br>4000501R* XXI<br>(RH, "DA")<br>4000501L* XXI<br>(LH, "DA") | See<br>Page 97 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| (K) Q51 Styrofoam Filler<br>4000-023                                                                                                                                                                          | \$78.00        |
| (N) QT51 Styrofoam Filler<br>4000-019                                                                                                                                                                         |                |
| (L) Closer Body<br>(Specify complete<br>model no. x LAP)                                                                                                                                                      | See 07         |
| (M)Cement Case w/Screws<br>4000301                                                                                                                                                                            | Page 97        |

| Screw Kits                                                    |        |  |
|---------------------------------------------------------------|--------|--|
| 180 Screw Kit<br>107014 Machine(2) Req<br>107114 Wood (2) Req |        |  |
| Q Floor Plate Screw Kit<br>107010-*                           |        |  |
| Cement Case Screw Kit<br>107075                               | \$9.00 |  |
| M19 Intermediate Pivot Screw<br>Kit                           |        |  |
| 107015 Machine (2) Req<br>107115 Wood (2) Req                 |        |  |

\*specify finish

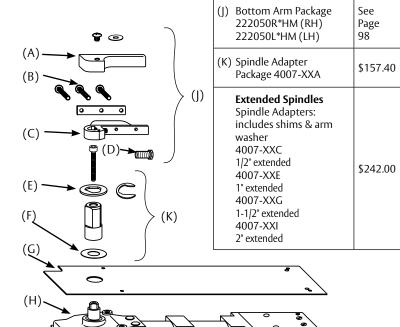
#### **ASSA ABLOY**

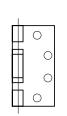
USA & Canada Prices Effective May 1, 2021

#### Model HM51

Right Hand Shown 3/4" Offset Only

| (A) Arm Cap & Screw<br>73025R*AS (RH)<br>73025L*AS (LH) | \$53.80  |  |
|---------------------------------------------------------|----------|--|
| (B) HM51 Arm Mounting<br>Screws & Plate<br>73014-*      | \$9.00   |  |
| (C) Arm Cap & Screw<br>73041R*AS (RH)<br>73041L*AS (LH) | \$268.90 |  |
| (D) Arm Locking<br>Screw Only<br>88905 - (5)            | \$40.30  |  |
| (E) Arm Bearing Washer<br>275062-PKG (5)                |          |  |
| (F) Spindle Washer<br>519000-*                          | \$14.90  |  |





(1)

| Special Offset Hinges (3) |         |
|---------------------------|---------|
| 254545R*PK (RH)           | See     |
| 254545L*PK (LH)           | Page 98 |
|                           |         |

| (G) Floor Plate w/Screws |
|--------------------------|
| 4000500R* XXE (RH)       |
| 4000501L* XXE (LH)       |
| 4000501R* XXE            |
| (RH, "BC")               |
| 4000501L* XXE            |
| (LH,"BC")                |
| 4000501R* XXI            |
| (RH, "DA")               |
| 4000501L* XXI            |
| (IH "DA")                |

See Page 98

(H) Closer Body (Specify complete model no. x LAP)

(I) Cement case with screws 4000301

| Screw Kits                        |        |
|-----------------------------------|--------|
| Floor Plate Screw Kit<br>107004-* |        |
| Cement Case Screw Kit<br>107075   | \$9.00 |
| Hinge screw kit<br>107519-*       |        |

USA & Canada Prices Effective May 1, 2021



## **Shallow Depth Floor Closers Parts Drawings**

#### Model 50 & 5020 ---

| (A) Jamb Portion<br>3065                                                                                     | \$132.00 | 340 Top Pivot See                                                                                          |
|--------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|
| (B) Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS)                                                        | \$53.80  | Page 123 (L)                                                                                               |
| (C) Door Portion<br>30243                                                                                    | \$132.00 | (L) 554 Concealed<br>Arm Package                                                                           |
| (D) W28 Wood Door<br>Plate/Shim Pkg<br>(includes 46145 &<br>46445)<br>107066<br>Wood door arm<br>pkg. 282126 | \$84.00  | 282554 Note: Cannot be used on model 5020  (M)Floor Plate with Screws 4000600-*XXE BC") 4000600-*XXI("DA") |
| (E) Arm Plate Shims (.062)<br>46045-PKG (5)<br>Arm Plate Shims (.187)<br>46145-PKG (5)                       | \$30.60  | (N) Closer Body (Specify Complete Model No. x LAP) (O) Cement Case with                                    |
| (F) Arm Plate & Stud Assy<br>46445                                                                           |          | Screws<br>4000301                                                                                          |
| (G) Arm & Arm<br>Set Screw<br>282026                                                                         | \$82.00  | (E-I) Bottom Arm Package 282126                                                                            |
| (H) Arm Set<br>Screw Only<br>26087-PKG (5)                                                                   | \$22.90  |                                                                                                            |
| (I) Arm Alignment<br>Screw & Washer<br>(107032 -*)                                                           | \$39.10  |                                                                                                            |
| (J) Spindle Adapter<br>Package 4010-XXA                                                                      | \$190.20 |                                                                                                            |
| <b>Extended Spindles</b><br>Spindle Adapters                                                                 | •        |                                                                                                            |
| 4010-XXC 1/2" extended<br>4010-XXE 1" extended                                                               | \$272.00 | Screw Kits                                                                                                 |
| 4010-XXG 1-1/2" extended<br>4010-XXI 2" extended                                                             |          | 554 Arm Screw Kit<br>107064                                                                                |
| (K) Spindle Washer<br>519000-*                                                                               | \$14.90  | Floor Plate Screw Kit<br>107004-*                                                                          |
|                                                                                                              |          | Cement Case Screw Kit<br>107075                                                                            |
|                                                                                                              |          | 340 Screw Kit<br>107329 Machine<br>& Wood                                                                  |
|                                                                                                              |          | Arm Screw Kit                                                                                              |

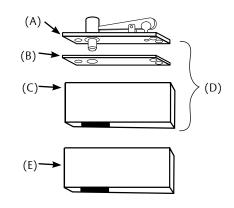
\*specify finish

107048 Machine 107144 Wood

#### Model 5040

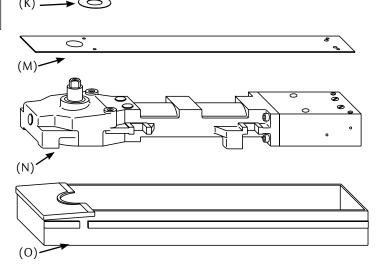
Right Hand Shown 3/4" Offset

| (A) Jamb Portion 42801                                  | \$132.00 |  |
|---------------------------------------------------------|----------|--|
| (B) Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$53.80  |  |
| (C) Patch Filling<br>7495-*                             | \$188.00 |  |
| Bottom Pivot Insert<br>74101                            | ¢50.60   |  |
| Top Pivot Insert<br>74102                               | \$50.60  |  |



| (D) Top Patch 7494* PK                                                |                 |
|-----------------------------------------------------------------------|-----------------|
| (M)Floor Plate with Screws<br>4000600-*XXE BC")<br>4000600-*XXI("DA") |                 |
| (N) Closer Body<br>(Specify Complete<br>Model No. x LAP)              | See<br>Page 100 |
| (O) Cement Case with<br>Screws 4000301                                |                 |
| (E) Bottom Patch<br>7495-*PK (includes<br>items C & J)                |                 |

| \$14.90 |
|---------|
|         |
|         |

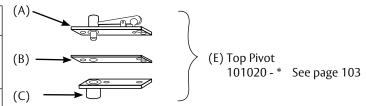


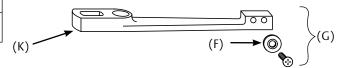
| Screw Kits                                |        |
|-------------------------------------------|--------|
| Floor Plate Screw Kit<br>107004-*         |        |
| Cement Case Screw Kit<br>107075           | \$9.00 |
| 340 Screw Kit<br>107329 Machine<br>& Wood |        |

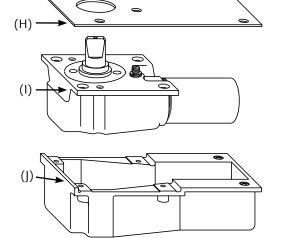
# SPECIALTY CLOSERS Parts Drawings

#### Model 10, PH10, 12, PH12, 15, 16 Duo-Chek®

| (A) Jamb Portion<br>3065                              | \$132.00 |
|-------------------------------------------------------|----------|
| (B) Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$53.80  |
| (C) Door Portion<br>12716                             | \$135.00 |
| (F) Alignment Screws<br>& Washers 107032 - *          | \$39.10  |
| (K) 1004<br>Duo Arm                                   | \$107.00 |







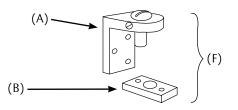
| (G) Arm Package<br>102026 - *<br>(includes K & F and<br>attaching screws.) |          |
|----------------------------------------------------------------------------|----------|
| (H) Floor Plate with<br>Screws 104020 - *                                  | See      |
| (I) Closer Body (Specify<br>Complete Model No. x<br>LAP)                   | Page 103 |
| (J) Cement Case with<br>Screws103000                                       |          |

| Screw Kits                        |         |
|-----------------------------------|---------|
| Top Pivot Screw Kit<br>107329     | \$9.00  |
| Arm Screw Kit<br>107054           | \$10.60 |
| Floor Plate Screw Kit<br>107004-* | \$9.00  |

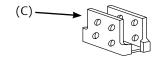
# SPECIALTY CLOSERS Parts Drawings

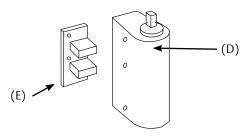
#### Model 354 -----

| (A) Jamb Portion<br>01960-*AS                                 | \$208.00 |
|---------------------------------------------------------------|----------|
| (B) Gate Portion<br>35064-*AS                                 | \$62.60  |
| (E) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$111.00 |



| (F) Top Pivot Package<br>3541020-*                 |                 |
|----------------------------------------------------|-----------------|
| (C) Arm with Screws<br>3542026-*                   | See<br>Page 103 |
| (D) Closer Body<br>X03540370-*<br>Includes Bracket | rage 103        |



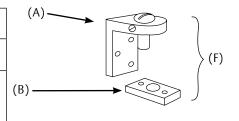


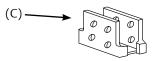
| Screw Kits                      |         |
|---------------------------------|---------|
| Top Pivot Screw Kit<br>107017-* | \$10.20 |
| Closer Mtg. Screw Kit<br>107350 | \$7.80  |

\*specify finish - sprayed finishes only

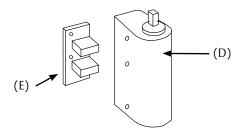
#### Model 355

| (A) Jamb Portion<br>0490-*AS                                  | \$208.00 |
|---------------------------------------------------------------|----------|
| (B) Gate Portion<br>35064-*AS                                 | \$62.60  |
| (E) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$111.00 |





| (F) Top Pivot Package<br>3551020-*                 |                 |
|----------------------------------------------------|-----------------|
| (C) Arm with Screws<br>3542026-*                   | See<br>Page 103 |
| (D) Closer Body<br>X03540370-*<br>Includes Bracket |                 |



| Screw Kits                      |         |
|---------------------------------|---------|
| Top Pivot Screw Kit<br>107017   | \$10.20 |
| Closer Mtg. Screw Kit<br>107350 | \$7.80  |

\*specify finish

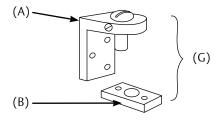
USA & Canada Prices Effective May 1, 2021

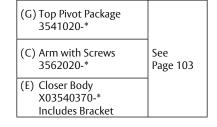


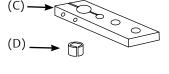
# SPECIALTY CLOSERS Parts Drawings

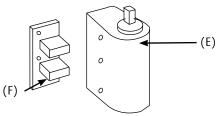
#### Model 356 -----

| (A) Jamb Portion<br>01960-*AS                                 | \$208.00 |
|---------------------------------------------------------------|----------|
| (B) Gate Portion<br>35064-*AS                                 | \$62.60  |
| (D) Bushing Only<br>(included in arm<br>package)<br>35051     | \$32.10  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$111.00 |









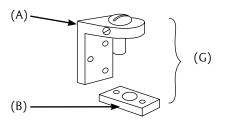
| Screw Kits                       |         |
|----------------------------------|---------|
| Top Pivot Screw Kit<br>107017 -* | \$10.20 |
| Arm Screw Kit<br>107359          | \$7.80  |
| Closer Mtg. Screw Kit<br>107350  | \$7.80  |

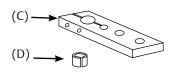
\*specify finish - sprayed finishes only

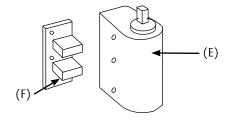
#### Model 357 -----

| (A) Jamb Portion<br>0490-*AS                                 | \$208.00 |
|--------------------------------------------------------------|----------|
| (B) Gate Portion<br>35064-*AS                                | \$62.60  |
| (D) Bushing Only<br>(included in arm<br>package)<br>35051    | \$32.10  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg<br>Screw Kit | \$111.00 |

| Top Pivot Screw Kit<br>107017-* | \$10.20 |
|---------------------------------|---------|
| Arm Screw Kit<br>107359         |         |
| Closer Mtg. Screw Kit<br>107350 | \$7.80  |







| (G) Top Pivot Package<br>3551020-*  |                 |
|-------------------------------------|-----------------|
| (C) Arm with<br>Screws<br>3562020-* | See<br>Page 103 |
| (E) Closer Body<br>X03540370-*      |                 |

Includes Bracket

\*specify finish - sprayed finishes only

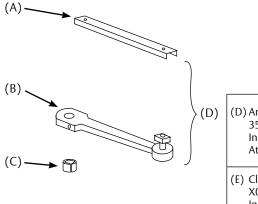
#### USA & Canada Prices Effective May 1, 2021

#### **ASSA ABLOY**

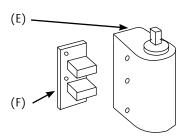
Experience a safer and more open world

#### Model 359 ---

| (A) Rail<br>35510-*                                           | \$73.90  |
|---------------------------------------------------------------|----------|
| (B) Arm with Screw &<br>Bushing<br>35535-*                    | \$433.00 |
| (C) Bushing Only<br>(included in arm<br>package)<br>35051     | \$32.10  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$111.00 |

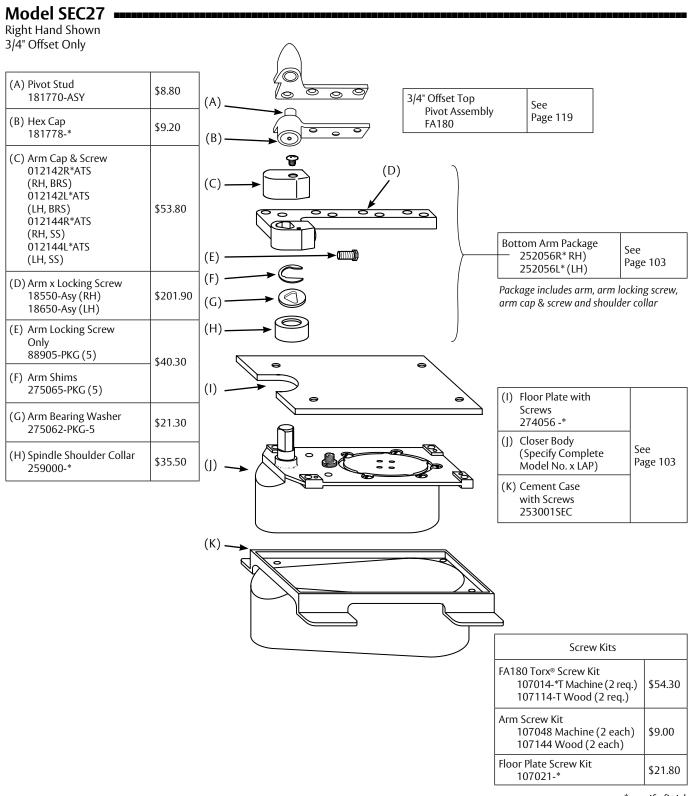


| (D) Arm & Rail Package<br>3592010-*<br>Includes ABC of<br>Attaching Screws | See<br>Page 103 |
|----------------------------------------------------------------------------|-----------------|
| (E) Closer Body<br>X03540370-*<br>Includes Bracket                         |                 |



| Screw Kits                      |         |
|---------------------------------|---------|
| Arm Screw Kit<br>107003         | \$16.10 |
| Closer Mtg. Screw Kit<br>107350 | \$7.80  |

## Specialty Floor Closers Parts Drawings

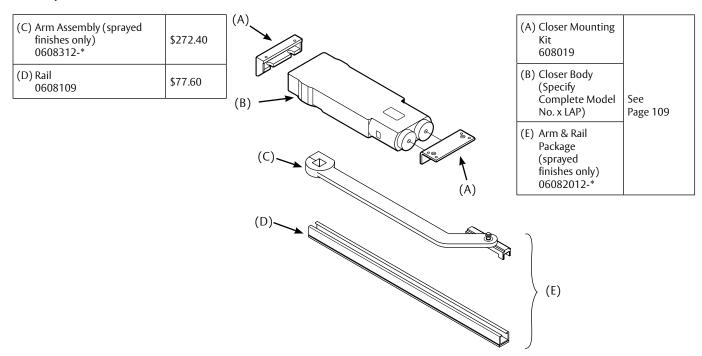


# **Specialty Closers Parts Drawings**

| 1350/1351          | Gate Closer • | <br> | <br> |  |
|--------------------|---------------|------|------|--|
| No parts available |               |      |      |  |
|                    |               |      |      |  |

## Overhead Concealed Closer Parts Drawings

#### 0608/AW0608 -----



| Screw k             | Kit     |
|---------------------|---------|
| Screw Kit<br>608064 | \$33.20 |

## Overhead Concealed Closer Parts Drawings

#### M0608/MW0608/W0608

| (D) Arm Assembly (sprayed finishes only) 0608312-* | \$272.40 |
|----------------------------------------------------|----------|
| (E) Rail<br>0608109                                | \$77.60  |

| (A)   |                                                  |
|-------|--------------------------------------------------|
|       | (A) Closer Mounting Kit<br>608049PKG             |
|       | (B) Closer Body<br>(Specify                      |
|       | Complete Model No. x LAP)                        |
| (B) O |                                                  |
|       | (C) Cover Plate<br>6084000-*                     |
|       | (F) Arm & Rail                                   |
|       | Package (sprayed<br>finishes only)<br>06082012-* |
| (C)   | 06082012-*                                       |
|       |                                                  |
|       |                                                  |
|       |                                                  |
| (D) · |                                                  |
| (D) · |                                                  |
|       |                                                  |
| (5)   |                                                  |
| (E)   |                                                  |
|       |                                                  |
|       |                                                  |
|       |                                                  |
|       |                                                  |
|       | ) (F)                                            |
|       |                                                  |
|       |                                                  |

| Screw Kits                        |         |
|-----------------------------------|---------|
| Cover Plate Screw Kit<br>107022-* | \$18.30 |
| Screw Kit<br>608064               | \$33.20 |

\*specify finish

See Page 109

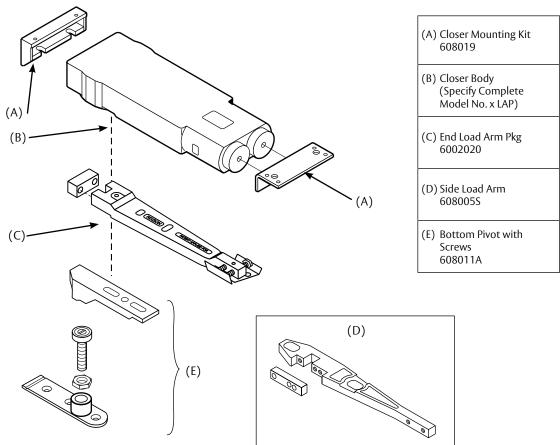


See

Page 110

## Overhead Concealed Closer Parts Drawings

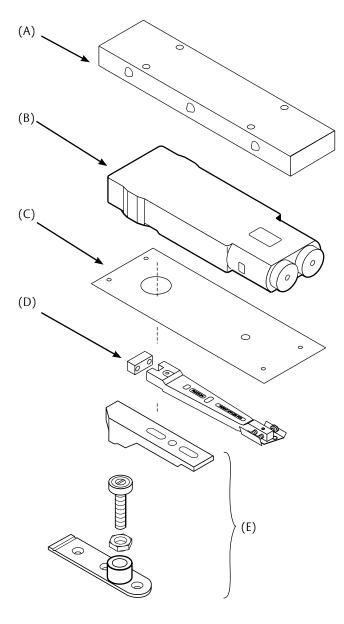
608EL/608SL -----



| Screw Kit                                              |         |
|--------------------------------------------------------|---------|
| Arm Screw Kit<br>(Includes arm end<br>block)<br>107065 | \$40.30 |
| Bottom Pivot Screw Kit<br>107143                       | \$9.00  |

## Overhead Concealed Closer Parts Drawings

#### M608 -----

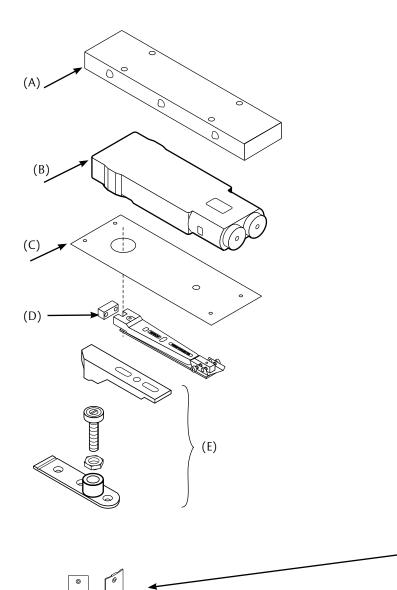


| (A) Closer Mounting<br>Kit<br>608049PKG                  |                 |
|----------------------------------------------------------|-----------------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP) |                 |
| (C) Cover Plate<br>6084000 - *                           | See<br>Page 110 |
| (D) Arm Package<br>6002020                               |                 |
| (E) Bottom Pivot<br>608011A                              |                 |

| Screw Kits                        |         |  |
|-----------------------------------|---------|--|
| Arm Screw Kit<br>107065           | \$40.30 |  |
| Cover Plate Screw Kit<br>107022-* | \$18.30 |  |
| Bottom Pivot Screw Kit<br>107143  | \$9.00  |  |

## Overhead Concealed Closer Parts Drawings

#### MW608/W608 -----



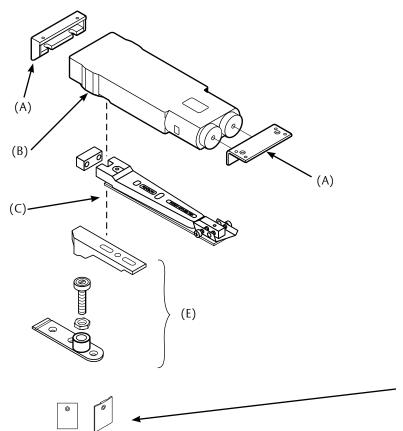
| (A) Closer Mounting Kit<br>608049PKG                     |          |
|----------------------------------------------------------|----------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP) | See      |
| (C) Cover Plate<br>6084000 - *                           | Page 110 |
| (D) Arm Package<br>6002021                               |          |
| (E) Bottom Pivot<br>608011A                              |          |

|  | Order<br>Separately |
|--|---------------------|
|  | See<br>Page 115     |

| Screw Kits                                        |         |
|---------------------------------------------------|---------|
| Bottom Pivot Screw Kit<br>107143                  | \$9.00  |
| Arm Screw Kit<br>107065<br>Includes arm end block | \$40.30 |
| Cover Plate Screw Kit<br>107022-*                 | \$18.30 |

## Overhead Concealed Closer Parts Drawings

#### AW608 •



| (A) Closer Mounting Kit<br>608019                        |                 |
|----------------------------------------------------------|-----------------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP) |                 |
| (C) End Load Arm Pkg<br>6002021                          | See<br>Page 108 |
| Side Load Arm<br>608005S                                 |                 |
| (E) Bottom Pivot<br>with Screws<br>608011A               |                 |

| De  | Decorative Arm Cap<br>(contains 2 caps) | Order<br>Separately |
|-----|-----------------------------------------|---------------------|
| 199 | See                                     |                     |
|     | Page 113                                |                     |
|     |                                         | -                   |

| Screw Kits                                          |         |
|-----------------------------------------------------|---------|
| Arm Screw Kit<br>(Includes arm end block)<br>107065 | \$40.30 |
| Cover Plate Screw Kit<br>107022                     | \$18.30 |
| Bottom Pivot Screw Kit<br>107143                    | \$9.00  |

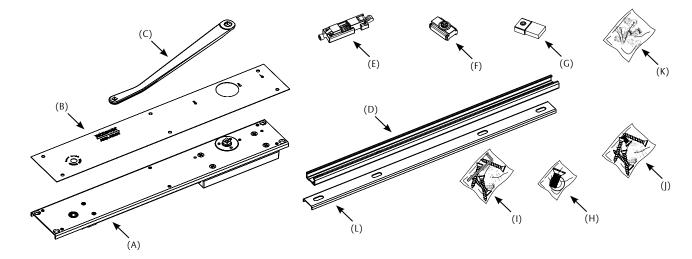
## Overhead Concealed Closer Parts Drawings

#### **91DCP**

The packages in this box may use buy program discounts.

| Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)    | \$202.00 |
|-----------------------------------------------------------------------------|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and 90253)  | \$202.00 |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239) | \$134.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)     | \$162.00 |

| (A) Closer Body (Specify hand, function x LAP)      | See Page 112                           |
|-----------------------------------------------------|----------------------------------------|
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$60.00 (painted)<br>\$390.00 (plated) |
| (C) Arm<br>90272-*** (LH)<br>90275-*** (RH)         | \$131.00                               |
| (D) Track<br>90239                                  | \$72.00                                |



| (E) Hold Open Asembly<br>90254                                  | \$96.00 |
|-----------------------------------------------------------------|---------|
| (F) Slider<br>90253                                             | \$71.00 |
| (G) Non-Hold Open Stop Block<br>90255                           | \$71.00 |
| (H) Arm Screw Kit<br>90283-***                                  | \$16.00 |
| (I) Closer Screw Kit<br>90241-***                               | \$21.00 |
| (J) Track Screw Kit<br>90242                                    | \$4.00  |
| (K) Cover Plate Screw Pack<br>90278-***                         | \$60.00 |
| (L) Optional Track Spacer for Retrofit<br>Applications<br>90260 | \$25.00 |

Left hand shown
\*\*\* - specify finish (ex. 689)

Revised June 1, 2020

USA & Canada Prices Effective May 1, 2021

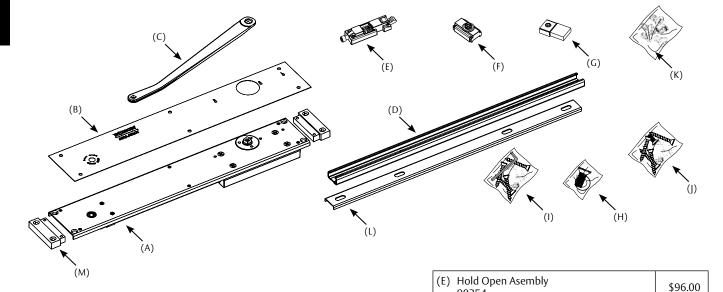
## Overhead Concealed Closer Parts Drawings

#### W91DCP ----

The packages in this box may use buy program discounts.

| Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)    | \$202.00 |
|-----------------------------------------------------------------------------|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and 90253)  | \$202.00 |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239) | \$134.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)     | \$162.00 |

| (A) Closer Body (Specify hand, function x LAP)      | See Page 112                           |
|-----------------------------------------------------|----------------------------------------|
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$60.00 (painted)<br>\$390.00 (plated) |
| (C) Arm<br>90236-DCP*** (LH)<br>90237-DCP*** (RH)   | \$131.00                               |
| (D) Track<br>90239                                  | \$72.00                                |



Left hand shown
\*\*\* - specify finish (ex. 689)

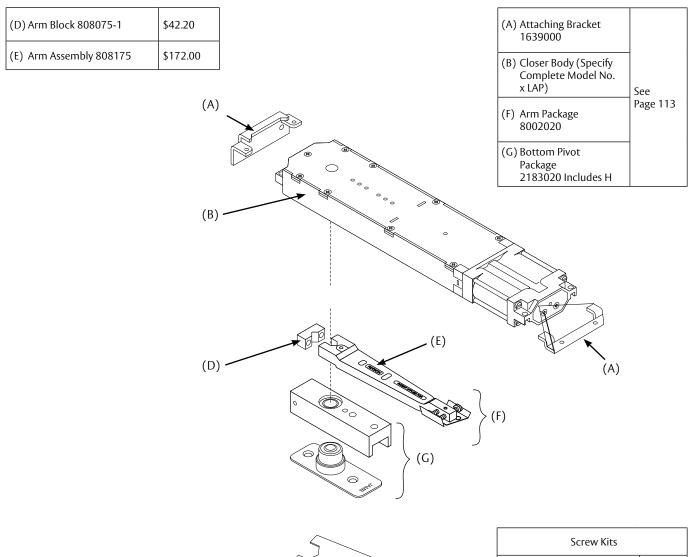
#### (F) Slider 90253 \$71.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$16.00 90283-\*\*\* (I) Closer Screw Kit \$21.00 90241-\*\*\* (J) Track Screw Kit \$4.00 90242 (K) Cover Plate Screw Pack \$25.00 90278 (L) Optional Track Spacer for Retrofit **Applications** \$25.00 90260 (M) Wood Mounting Clips \$186.00 90257-\*\*\*

**ASSA ABLOY** 

90254

## Overhead Concealed Closer Parts Drawings

#### 700/800 -



| (H)  |  |
|------|--|
| (11) |  |

| (H) Pivot Wrench<br>218007 | \$42.20 |
|----------------------------|---------|
|                            |         |

| Screw Kits                                        |         |
|---------------------------------------------------|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$9.00  |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$55.40 |
| Arm Block Screw<br>806018-PKG                     | \$23.90 |
| Cover Plate Screw Kit<br>107006-*                 | \$9.00  |

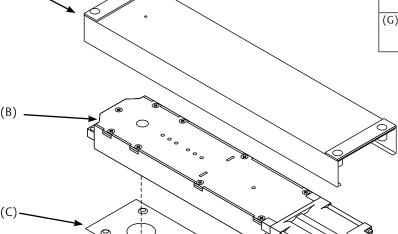
#### M700/M800 -----

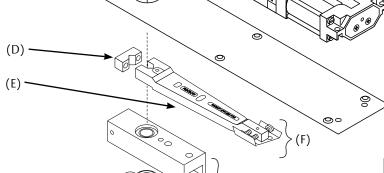
| (D) Arm Block<br>808075-1  | \$42.20  |
|----------------------------|----------|
| (E) Arm Assembly<br>808175 | \$172.00 |

- (A) Closer Mounting Channel 1929000
- (B) Closer Body (Specify Complete Model No. x LAP)
- (C) Cover Plate 7004000R\* (RH) 7004000L\* (LH) 800 Series 8004000-\*

See Page 113

- (F) Arm Package 8002020
- (G) Bottom Pivot
  Package
  2183020 Includes H





|     | 5 |
|-----|---|
| (H) |   |

| Screw Kits                                        |         |
|---------------------------------------------------|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$9.00  |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$55.40 |
| Arm Block Screw<br>806018-PKG                     | \$23.90 |
| Cover Plate Screw Kit<br>107006-*                 | \$9.00  |

(H) Pivot Wrench 218007 \$42.20

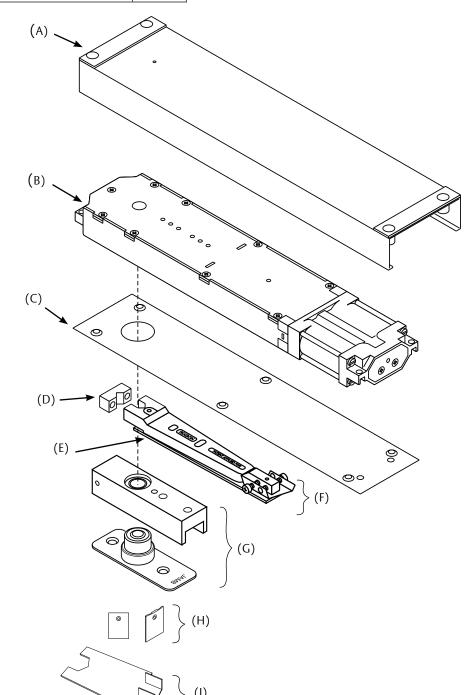
\*specify finish

#### **ASSA ABLOY**

## Overhead Concealed Closer Parts Drawings

#### MW700/MW800

| (D) Arm Block<br>808075-1 | \$42.20  |
|---------------------------|----------|
| (E) Arm Assy<br>808174    | \$160.00 |



| (A) Closer Mounting<br>Channel 1929000                                         |                                        |
|--------------------------------------------------------------------------------|----------------------------------------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP)                       |                                        |
| (C) Cover Plate<br>7004000R* (RH)<br>7004000L* (LH)<br>800 Series<br>8004000-* | See<br>Page 113                        |
| (F) Arm Package<br>8002021                                                     |                                        |
| (G) Bottom Pivot<br>2183020 Includes I                                         |                                        |
| (H) Decorative Arm Cap<br>(contains 2 caps)<br>1990906-* (612 or<br>627 only)  | Order<br>Separately<br>See<br>Page 115 |

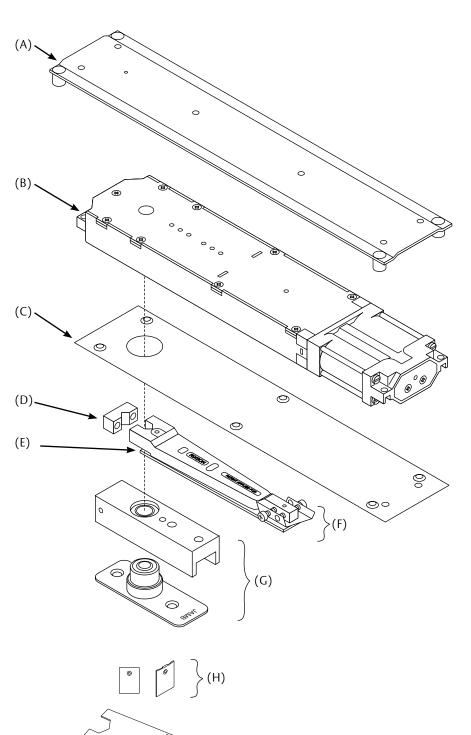
| Screw Kits                                        |         |
|---------------------------------------------------|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$9.00  |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$55.40 |
| Arm Block Screw<br>806018-PKG                     | \$23.90 |
| Cover Plate Screw Kit<br>107006-*                 | \$9.00  |

\*specify finish

#### USA & Canada Prices Effective May 1, 2021

## **Overhead Concealed Closer Parts Drawings**

#### W700/W800



| (A) Closer Mounting Plate<br>1989000                                      |                                        |
|---------------------------------------------------------------------------|----------------------------------------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP)                  | See<br>Page 113                        |
| (C) Cover Plate<br>7004000R* (RH)<br>7004000L* (LH)                       |                                        |
| (D) Arm Block<br>808075-1                                                 | \$42.20                                |
| (E) Arm Assembly<br>808174                                                | \$160.00                               |
| (F) Arm Package<br>8002021                                                | See<br>Page 113                        |
| (G) Bottom Pivot<br>2183020 (Includes I)                                  |                                        |
| (H) Decorative Arm Cap<br>(contains 2 caps)<br>1990906* (612&627<br>only) | Order<br>Separately<br>See<br>Page 115 |

| (I) Pivot Wrench<br>218007 | \$42.20 |
|----------------------------|---------|
|----------------------------|---------|

| \$9.00  |
|---------|
| \$55.40 |
| \$23.90 |
| \$9.00  |
|         |

\*specify finish

USA & Canada Prices Effective May 1, 2021



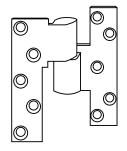
and more open world

Experience a safer



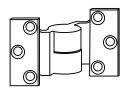
M19, M190, ML19, FA19, 219, 319, FM19, FM190

All Electrified M19 Intermediate Pivots



| Model                      | Description                   | Price                   |  |
|----------------------------|-------------------------------|-------------------------|--|
| 107015-*                   | Metal Screws for One Leaf     | <b>#0.00</b>            |  |
| 107115-*                   | Wood Screws for One Leaf      | \$9.00                  |  |
| 181778-*                   | Hex Cap                       | \$9.20                  |  |
| 219, 319 and 419 Also Use: |                               |                         |  |
| 107059-*                   | Includes Screws and Backplate | \$203.00                |  |
|                            | Torx® Available - Suffix "T"  | Add \$87.90 to each kit |  |

### 119 Intermediate Pivot

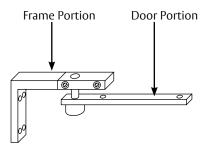


| Model    | Description                  | Price       |
|----------|------------------------------|-------------|
| 107014-* | Metal Screws for One Leaf    | #0.00       |
| 107114-* | Wood Screws for One Leaf     | \$9.00      |
|          | Torx® Available - Suffix "T" | Add \$87.90 |

\*specify finish

### Top Pivot and Pocket Pivots Parts Drawings

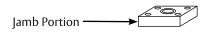
Angle Pivot-3 ------

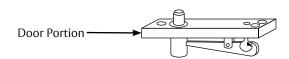


| Model   | Description              | Price    |
|---------|--------------------------|----------|
| 107047* | Includes Screws and Stud | \$117.00 |
| 30243   | Door Portion             | \$132.00 |
| 30814** | Frame Portion (handed)   | \$424.00 |

Torx® not available.

Top Pivot 340 x 102 -----

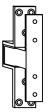




| Model    | Description            | Price    |
|----------|------------------------|----------|
| 10210 AS | Jamb Portion           | \$227.00 |
| 3065     | Door Portion           | \$132.00 |
| 107012*  | Jamb Portion Screw Kit | \$8.80   |
| 107329   | Door Potion Screw Kit  | \$9.00   |

Torx® not available.

F519 Pocket Pivot ------



| Model    | Description     | Price       |
|----------|-----------------|-------------|
| 619005-* | Screw Kit       | \$13.10     |
|          | Torx® Available | Add \$87.90 |

\*specify finish



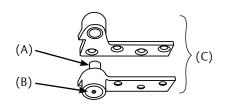
See

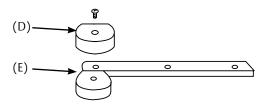
Page 119

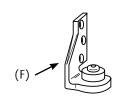
#### 117-1/4 Pivot Set =

Right Hand Shown 3/4" Offset Only

| (A) Pivot Stud<br>181770-ASY           | \$8.80   |
|----------------------------------------|----------|
| (B) Hex Cap<br>181778-*                | \$8.80   |
| (D) Arm Cap and Screw<br>12029-*AS     | \$53.80  |
| (E) Arm LH<br>11706LASY                | \$118.00 |
| (E) Arm RH<br>11705RASY                |          |
| (F) Floor Portion Assy RH<br>17406R*AS | ¢460.00  |
| (F) Floor Portion Assy LH<br>17406L*AS | \$469.00 |







| Screw Kits                                                                |         |
|---------------------------------------------------------------------------|---------|
| 180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) | \$9.00  |
| 117-1/4 Screw Kit<br>117127 - *                                           | \$53.40 |

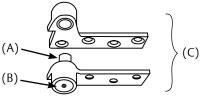
\*specify finish

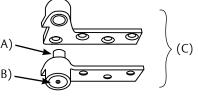
(C) 180 Top Pivot

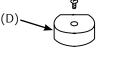
# 117, F117 Pivot Set Right Hand Shown

3/4" and 1-1/2" Offset

| (A) Pivot Stud<br>181770-ASY             | \$8.80   |
|------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                  | \$9.20   |
| (D) Arm Cap and Screw<br>12029-*AS       | \$53.80  |
| (E) 3/4" Offset Arm LH<br>11706LASY      | \$118.00 |
| (E) 3/4" Offset Arm RH<br>11705RASY      |          |
| (E) 1-1/2" Offset Arm LH<br>11706L15*    | \$225.50 |
| (E) 1-1/2" Offset Arm RH<br>11705R15*    |          |
| (F) 117 Floor Portion Assy<br>17526-*AS  | \$469.00 |
| (F) F117 Floor Portion Assy<br>17559-*AS | \$423.00 |









| (C) 180 Top Pivot<br>(for Fire-Rated Doors,<br>order F180) | See<br>Page 119 |
|------------------------------------------------------------|-----------------|
|------------------------------------------------------------|-----------------|

| Screw Kits                                                                |         |
|---------------------------------------------------------------------------|---------|
| 180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) | \$9.00  |
| Bottom Pivot Screw Kit<br>117127 - *                                      | \$53.40 |

\*specify finish

#### USA & Canada Prices Effective May 1, 2021

### **ASSA ABLOY**

Experience a safer and more open world Norton and Rixson are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company. Copyright © 2002-2021, ASSA ABLOY Accessories and Door Controls Group, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of ASSA ABLOY Accessories and Door Controls Group, Inc. is prohibited. Contact Norton: 877-974-2255 or visit www.nortondoorcontrols.com; Contact XISON: 800-457-5670 or visit www.rixson.com. In Canada contact us at: 800-461-3007 or visit www.assaabloydss.ca

### **Pivots & Pivot Sets Parts Drawings**

(for Fire-Rated Doors

order F180)

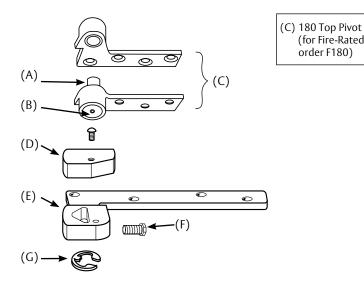
See

Page 117

#### 147, F147 Pivot Set •

Right Hand Shown 3/4" and 1-1/2" Offset

| (A) Pivot Stud<br>181770-ASY                                                                                               | \$8.80   |
|----------------------------------------------------------------------------------------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                                                                    | \$9.20   |
| (D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS) | \$53.80  |
| (E) Arm x Locking Screw<br>3/4" Offset 275177 RH<br>3/4" Offset 275176 LH                                                  | \$107.00 |
| (E) Arm x Locking Screw<br>1-1/2" Offset 275167-*                                                                          | \$167.00 |
| (F) Arm Lock Screw Pkg<br>(5 per)<br>88905-PKG                                                                             | \$40.30  |
| (G) Arm Shim Kit (2 per)<br>107071                                                                                         | \$21.30  |
| (H) Spindle Stud 14714                                                                                                     | \$30.60  |
| (I) 147 /F147 Floor Portion<br>x Bearing 14721-*AS                                                                         | \$437.00 |



\*specify finish

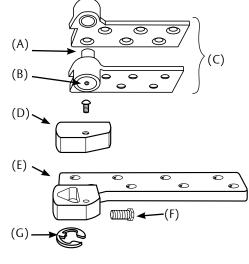
| Screw Kits                                                                     |         |
|--------------------------------------------------------------------------------|---------|
| 147/F147 Bottom Pivot<br>Screw Kit<br>107062-* includes 107071                 | \$30.00 |
| 180/F180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) |         |
| Arm Screw Kit<br>107044 Machine<br>107144 Wood                                 | \$9.00  |

186

#### L147, FL147 Pivot Set

Right Hand Shown 3/4" Offset Only

| (A) Pivot Stud<br>181770-ASY                                                 |                                         | \$8.80   |
|------------------------------------------------------------------------------|-----------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                      |                                         | \$9.20   |
| (D) Arm Cap & So<br>012142R*AS<br>012142L*AS (<br>012144R*AS<br>012144L*AS ( | (RH, BRS)<br>(LH, BRS)<br>(RH, SS)      | \$53.80  |
| (E) Arm x Locking<br>1-3/4" Door                                             | g Screw<br>18550-Asy RH<br>18650-Asy LH | \$201.90 |
| (E) Arm x Locking<br>2" Door                                                 | g Screw<br>18551-Asy RH<br>18651-Asy LH |          |
| (E) Arm x Locking<br>2-1/4" Door                                             | g Screw<br>18552-Asy RH<br>18652-Asy LH |          |
| (E) Arm x Locking<br>2-1/2" Door                                             | g Screw<br>18553-Asy RH<br>18653-Asy LH | \$445.90 |
| (E) Arm x Locking<br>3" Door                                                 | g Screw<br>18554-Asy RH<br>18654-Asy LH |          |
| (F) Arm Lock Scro<br>(5 per)<br>88905-PKG                                    | ew Pkg                                  | \$40.30  |



| (C) L180 Top Pivot<br>(for Fire-Rated Doors<br>order FL180) | See<br>Page 119 |
|-------------------------------------------------------------|-----------------|
|-------------------------------------------------------------|-----------------|

| (G) Arm Shim Kit (2 per)<br>107071         | \$53.80  |
|--------------------------------------------|----------|
| (H) Spindle Stud<br>14714                  | \$30.60  |
| (I) L147 Floor Portion x Bearing 14721-*AS | \$437.00 |

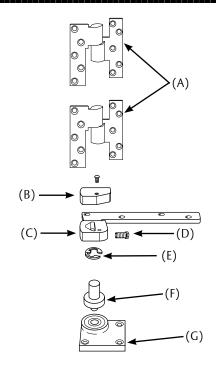
| Screw Kits                                                                                                                       |         |
|----------------------------------------------------------------------------------------------------------------------------------|---------|
| 180/F180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.)<br>Arm Screw Kit<br>107044 Machine<br>107144 Wood | \$9.00  |
| L147/FL147 Bottom Pivot Screw<br>Kit<br>(includes "E" ring shim)<br>107062-*                                                     | \$30.00 |

<sup>\*</sup>specify finish

#### 547 Pivot Set =

Right Hand Shown 3/4" Offset Only

| (B) Arm Cap & Screw<br>012142R*AS<br>(RH, BRS)<br>012142L*AS<br>(LH, BRS)<br>012144R*AS<br>(RH, SS)<br>012144L*AS<br>(LH, SS) | \$53.80  |
|-------------------------------------------------------------------------------------------------------------------------------|----------|
| (C) Arm x Locking<br>Screw<br>275177RH<br>275177RH                                                                            | \$107.00 |
| (D) Locking Screw Pkg<br>(5 per)<br>88905-Pkg                                                                                 | \$53.80  |
| (E) Arm Shim Kit (2 per)<br>107071                                                                                            | \$21.30  |
| (F) Spindle Stud 14714                                                                                                        | \$30.60  |
| (G) 147 Floor Portion x<br>Bearing 14721-*AS                                                                                  | \$437.00 |



| (A) M190 Intermediate<br>Pivot (For Fire-Rated<br>Doors order FM190) | See<br>Page 120 |
|----------------------------------------------------------------------|-----------------|
| 147 Bottom Pivot Screw Kit<br>(includes 107071)<br>107062-*          | \$30.00         |

\*specify finish

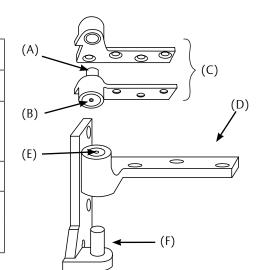
USA & Canada Prices Effective May 1, 2021

### **ASSA ABLOY**

#### 195 Pivot Set ■

Right Hand Shown 3/4" Offset Only

| (A) Pivot Stud<br>181770-ASY         | \$8.80   |
|--------------------------------------|----------|
| (B) Hex Cap<br>181778-*              | \$9.20   |
| (D) Door Portion Asy RH<br>19503-*AS | \$330.00 |
| (D) Door Portion Asy LH<br>19504-*AS | \$330.00 |
| (E) Cap<br>19511-*                   | \$14.70  |
| (F) Jamb Portion Asy RH<br>19501-*AS | ¢422.00  |
| (F) Jamb Portion Asy LH<br>19502-*AS | \$423.00 |



(C) 180 Top Pivot See Page 119

| Screw Kits                                                                |        |
|---------------------------------------------------------------------------|--------|
| 180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) |        |
| 195 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) | \$9.00 |

\*specify finish

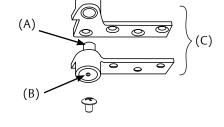
#### 173 Pivot Set

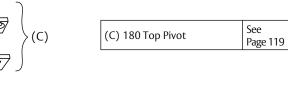
Right Hand Shown 3/4" Offset Only

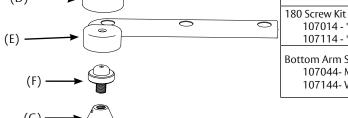
| 5/ . 5522 5                                        |          |
|----------------------------------------------------|----------|
| (A) Pivot Stud<br>181770-ASY                       | \$8.80   |
| (B) Hex Cap<br>181778-*                            | \$9.20   |
| (D) Arm Cap and Screw<br>12029-*AS                 | \$53.80  |
| (E) Arm LH<br>11706L*AS<br>(E) Arm RH<br>11705R*AS | \$118.00 |
| (F) Spindle Stud<br>173003                         | \$28.50  |
| (G) Spindle collar<br>173001                       | \$65.10  |
| (H) Mounting Bolt<br>173002                        | \$33.60  |
| (J) Floor Anchor<br>173010                         | \$21.80  |

#### 1-1/2" Offset Arm

| (E) 1-1/2" Offset Arm LH<br>11706L15*<br>(E) 1-1/2" Offset Arm RH<br>11705R15* | \$118.00 |
|--------------------------------------------------------------------------------|----------|
|--------------------------------------------------------------------------------|----------|









Screw Kits





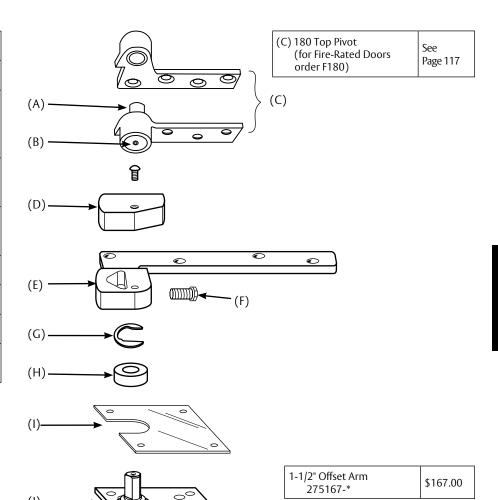
\*specify finish

\$9.00

### 117-1/2, F117-1/2 Pivot Set -----

Right Hand Shown 3/4" and 1-1/2" Offset

| (A) Pivot Stud<br>181770-ASY                                                                                      | \$8.80   |
|-------------------------------------------------------------------------------------------------------------------|----------|
| (B) Hex Cap<br>181778-*                                                                                           | \$9.20   |
| (D) Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$53.80  |
| (E) Arm x Locking Screw<br>3/4" Offset 275177 RH<br>3/4" Offset 275176 LH                                         | \$107.00 |
| (F) Arm Lock Screw Pkg<br>(5 per)<br>88905-PKG                                                                    | \$40.30  |
| (G) Arm Shim Kit (5 per)<br>275065-PKG                                                                            | \$21.30  |
| (H) Spindle Shoulder Collar<br>16301A*                                                                            | \$35.50  |
| (I) Floor Plate x Screws<br>1174050-*                                                                             | \$116.00 |
| (J) 117-1/2 & F117-1/2 Floor<br>Portion Assembly<br>X01176350                                                     | \$723.00 |



| Screw Kits                                                                     |        |
|--------------------------------------------------------------------------------|--------|
| 180/F180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) |        |
| Floor Plate Screw Kit<br>107004-*                                              | \$9.00 |
| Arm Screw Kit<br>107044 - * Machine<br>107144 - * Wood                         |        |

\*specify finish

See

Page 119

### L117, FL117 Pivot Set ------

Right Hand Shown 3/4" Offset Only

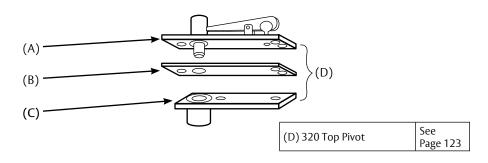
| (A) Pivot Stud<br>181770-ASY                                                                                      | \$8.80   |                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------|
| (B) Hex Cap<br>181778-*                                                                                           | \$9.20   |                                                                                                 |
| (D) Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$53.80  | (A) (C) L180 Top Pivot (for Fire-Rated Doors order FL180)                                       |
| (E) Arm x Locking Screw<br>1-3/4" Door 18550-ASY RH<br>18650-ASY LH                                               | \$201.90 | Note: FL is available for 1-3/4" doors only                                                     |
| (E) Arm x Locking Screw<br>2" Door 18551-ASY RH<br>18651-ASY LH                                                   |          |                                                                                                 |
| (E) Arm x Locking Screw<br>2-1/4" Door 18552-ASY RH<br>18652-ASY LH                                               |          | (E) (F)                                                                                         |
| (E) Arm x Locking Screw<br>2-1/2" Door 18553-ASY RH<br>18653-ASY LH                                               | \$445.90 | $(G) \longrightarrow \bigcirc$                                                                  |
| (E) Arm x Locking Screw<br>3" Door 18554-ASY RH<br>18654-ASY LH                                                   |          |                                                                                                 |
| (F) Arm Lock Screw Pkg<br>(5 per)<br>88905-PKG                                                                    | \$40.30  |                                                                                                 |
| (G) Arm Shim Kit (5 per)<br>275065-PKG                                                                            | \$21.30  |                                                                                                 |
| (H) Spindle Shoulder Collar<br>259500-*                                                                           | \$103.00 |                                                                                                 |
| (I) Heavy-Duty Thrust-Bearing<br>41204-PKG                                                                        | \$114.00 | (K) Screw Kits                                                                                  |
| (J) Floor Plate x Screws<br>1174050-*                                                                             | \$116.00 | Screw Kits  L180/F180 Screw Kit 107016 - * Machine ( 2 re                                       |
| (K) Floor Portion Assembly<br>X01176351<br>Includes 41204-PKG                                                     | \$723.00 | 107116 - * Wood (2 req.)  Arm Screw Kit  107048 - * Machine ( 2 req.)  107114 - * Wood (2 req.) |

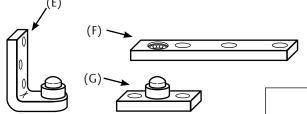
| Screw Kits                                                                      |         |
|---------------------------------------------------------------------------------|---------|
| L180/F180 Screw Kit<br>107016 - * Machine ( 2 req.)<br>107116 - * Wood (2 req.) | \$10.20 |
| Arm Screw Kit<br>107048 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.)       | \$0.00  |
| Floor Plate Screw Kit<br>107004 - * Machine ( 2 req.)                           | \$9.00  |

\*specify finish Special Note: FL117 is available for 1-3/4" doors only

### 127-3/4 & 128-3/4 Pivot Sets =

| (A) Top Pivot Jamb Portion<br>640-ASY                            | \$141.00 |
|------------------------------------------------------------------|----------|
| (B) Top Pivot Plate x Screws<br>12724-*PK(SS)<br>12720-*PK (BRS) | \$53.80  |
| (C) Top Pivot Door Portion<br>12716                              | \$135.00 |
| (E) Jamb Portion & Stud<br>Assembly 127-3/4 Only<br>12711-*      | \$343.00 |
| (F) Arm & Bearing Assembly<br>12714 Door Portion                 | \$98.00  |
| (G) Floor Pivot & Stud<br>Assembly 128-3/4 Only<br>71521-*AS     | \$198.00 |



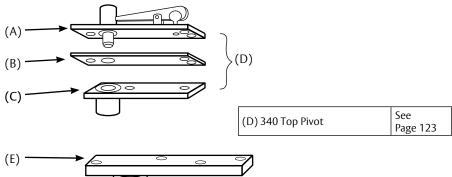


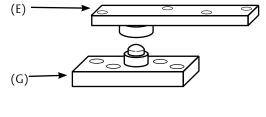
| Screw Kits                                 |         |  |
|--------------------------------------------|---------|--|
| 320 Screw Kit<br>107340 Machine & Wood     | \$9.00  |  |
| 127-3/4 &<br>128-3/4 Screw Kit<br>117127-* | \$53.40 |  |

\*specify finish

#### 370 Pivot Set =

| (A) Top Pivot Jamb Portion<br>3065                                  | \$132.00 |
|---------------------------------------------------------------------|----------|
| (B) Finish Plate x<br>Screws<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$53.80  |
| (C) Top Pivot Door Portion<br>30243                                 | \$132.00 |
| (E) Arm<br>22131                                                    | \$149.00 |
| (G) Floor Portion and stud<br>22121-*                               | \$249.30 |



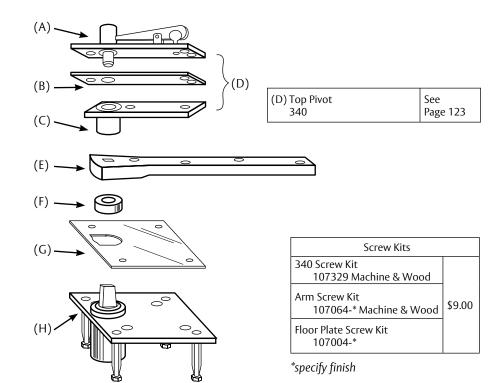


| Screw Kits                             |        |
|----------------------------------------|--------|
| 340 Screw Kit<br>107329 Machine & Wood | \$9.00 |
| 370 Screw Kit<br>107370-*              | \$9.00 |

\*specify finish

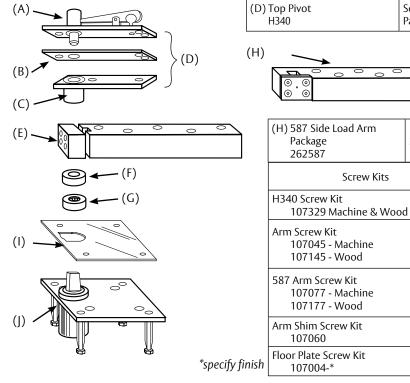
#### 117-3/4 Pivot Set =

| (A) Top Pivot Jamb Portion<br>065                               | \$132.00 |
|-----------------------------------------------------------------|----------|
| (B) Top Pivot Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$53.80  |
| (C) Top Pivot Door Portion<br>30243                             | \$132.00 |
| (E) Arm<br>185.75                                               | \$239.00 |
| (F) Spindle Shoulder<br>16301A                                  | \$35.50  |
| (G) Floor Plate x Screws<br>1174020-*                           | \$117.00 |
| (H) Floor Portion Assembly<br>X01176320                         | \$715.00 |



### H117-3/4 Pivot Set

| (A) Top Pivot Jamb Portion<br>308548                            | \$460.00   |
|-----------------------------------------------------------------|------------|
| (B) Top Pivot Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$53.80    |
| (C) Top Pivot Door Portion<br>30141                             | \$460.00   |
| (E) Standard End Load Arm<br>Package<br>262022                  | \$741.00   |
| (F) Spindle Shoulder Collar<br>259500-*                         | \$103.00   |
| (G) Heavy-Duty Thrust<br>Bearing<br>41204-PKG                   | \$114.00   |
| (I) Floor Plate x Screws<br>1174020-*                           | \$117.00   |
| (J) Floor Portion Assembly<br>X01176322<br>Includes 41204-PKG   | \$1,239.00 |



USA & Canada Prices Effective May 1, 2021

See Page 123

\$741.00

\$9.00

\$14.70

\$12.40

\$9.00

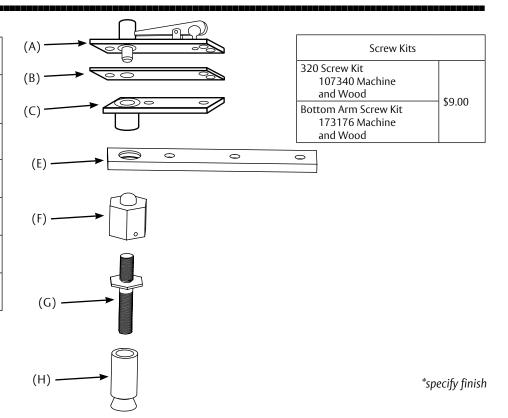
#### 178 Pivot Sets

| (A) Top Jamb Portion<br>42801                           | \$132.00 |         |
|---------------------------------------------------------|----------|---------|
| (B) Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$53.80  | (A) (B) |
| (C) Patch Fitting<br>7495-*                             | \$188.00 | ) (D)   |
|                                                         |          |         |
|                                                         | (0       | C)      |
|                                                         |          |         |
|                                                         |          |         |
| Top Pivot Jamb Screw Kit<br>107039                      | \$9.00   | (E)     |

| (D) Top Patch                              | See      |
|--------------------------------------------|----------|
| 7494-* PK                                  | Page 100 |
| (E) Bottom Pivot<br>Floor Portion<br>74104 | \$117.00 |

#### 176 Pivot Sets

| (A) Top Pivot Jamb Portion 640-ASY  (B) Top Pivot Plate x Screws 12724-*PK(SS) 12720-*PK (BRG)  (C) Top Pivot Door Portion 12716  (E) Bottom Arm 12704  (F) Sleeve 176001  (G) Mounting Bolt 176002  (H) Floor Anchor 173010  \$141.00  \$53.80  \$53.80  \$53.80  \$53.80  \$135.00  \$135.00  \$135.00  \$91.00  \$59.40 |               |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| 12724-*PK(SS)<br>12720-*PK (BRG)  (C) Top Pivot Door Portion<br>12716  (E) Bottom Arm<br>12704  (F) Sleeve<br>176001  (G) Mounting Bolt<br>176002  (H) Floor Anchor  \$53.80  \$135.00  \$135.00  \$91.00  \$91.00                                                                                                         | , , ,         | \$141.00 |
| 12716 \$133.00  (E) Bottom Arm \$91.00  (F) Sleeve \$59.40  (G) Mounting Bolt \$34.00  (H) Floor Anchor \$21.80                                                                                                                                                                                                            | 12724-*PK(SS) | \$53.80  |
| (F) Sleeve<br>176001 \$59.40<br>(G) Mounting Bolt<br>176002 \$34.00<br>(H) Floor Anchor                                                                                                                                                                                                                                    |               | \$135.00 |
| (G) Mounting Bolt<br>176002 \$34.00<br>(H) Floor Anchor                                                                                                                                                                                                                                                                    |               | \$91.00  |
| 176002 \$34.00<br>(H) Floor Anchor \$21.80                                                                                                                                                                                                                                                                                 | ` '           | \$59.40  |
| 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \                                                                                                                                                                                                                                                                                    |               | \$34.00  |
|                                                                                                                                                                                                                                                                                                                            | 1 ` '         | \$21.80  |

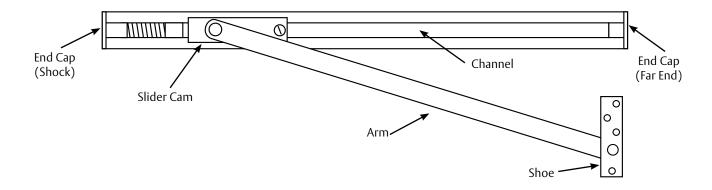


USA & Canada Prices Effective May 1, 2021

### **ASSA ABLOY**

### Checkmate® Stops & Holders Parts Drawings

Checkmate® ------



| <b>End Caps</b> #1, 2, 9 & 10 only |                  |               |         |
|------------------------------------|------------------|---------------|---------|
| 1.0.0                              | Shock End Block  | 6003          | \$20.00 |
| 1 & 9                              | Far End Block    | 6004          |         |
| 2 & 5                              | Far End Block    | 5059 (2 req.) | \$3.40  |
| 10                                 | Far End Block    | 5011 (2 req.) | \$2.60  |
| Screw Kit                          | ts               |               |         |
| 1                                  | Friction or Stop | 6487-*        | \$37.60 |
| I                                  | Hold Open        | 6998N*        | \$51.70 |
| 2                                  | Friction or Stop | 5999-*        | \$72.00 |
| 6                                  | Stop             | 6487-*        | \$37.60 |
| 7                                  | Friction or Stop | 3880-*XXXA    | \$50.90 |
| 8                                  | Friction or Stop | 5897-*        | \$47.90 |
| 9                                  | Friction or Stop | 6468-*        | \$36.50 |
|                                    | Hold Open        | 6997N*        | \$39.60 |
| 10 & 55                            | Friction or Stop | 5998-*        | \$60.70 |

<sup>\*</sup>specify finish

| <b>Arm Assemblies</b> (includes arm, shoe & slider cam) Specify Model & Finish: <i>example</i> : 1- *346R |                    |
|-----------------------------------------------------------------------------------------------------------|--------------------|
| 2 - *346R                                                                                                 | Consult<br>Factory |

| Adapter Kits |                               |          |         |
|--------------|-------------------------------|----------|---------|
| #2 &<br>#10  | Hold Open Friction<br>Adapter | 5012-PKG | \$26.50 |

**ASSA ABLOY** 

### Accessories •



| 1-1/2" (38mm) Extension  |
|--------------------------|
| Models 997M, 998M &      |
| 994M) Mounts behind wall |
| cover.                   |

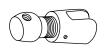
XK996M Part# 996631M-\* See Page 138

\* specify finish



994M Swivel Armature (cannot be used with extension spacers) Part# 900-3

See Page 138



| Base Unit Armature Extension |
|------------------------------|
| Mounts between armature and  |
| contact plate.               |
| Part# 900                    |
|                              |

Cannot be used with Model 994

Page 138



Armature Extension 90° Bend Part# 900-Z Must be used with 900 base unit. Those two pieces will extend armature 3" longer than the contact plate.

See Page 138

| Extension pieces must be used in conjunction with 900 Base Unit |          |
|-----------------------------------------------------------------|----------|
| Part# 900-50                                                    |          |
| Part# 900-75                                                    | See      |
| Part# 900-100                                                   |          |
| Part# 900-200                                                   | Page 136 |
| Part# 900-300                                                   |          |
| Part# 900-400                                                   |          |
| Part# 900-500                                                   |          |
| Part# 900-600                                                   |          |
| Part# 900-700                                                   |          |

\*specify finish



900-75



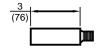
900-100



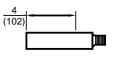
900-200



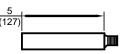
900-300



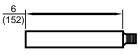
900-400



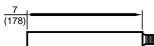
900-500



900-600



900-700



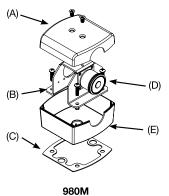
#### Used with Model 980M/981M -----

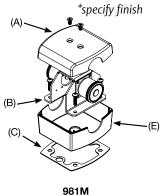
#### **Floor Portion**

| \$418.50 |
|----------|
| \$38.40  |
| \$25.40  |
| \$188.00 |
| \$256.00 |
|          |

<sup>\*</sup>specify finish



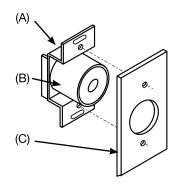




#### Used with Model 990M, 989

| (A) Magnet Bracket<br>990002              | \$40.80  |
|-------------------------------------------|----------|
| (B) Magnet<br>**996219-3V (tri-volt only) | \$188.00 |
| (C) Wall Cover Plate<br>990001            | \$68.00  |

<sup>\*</sup>specify finish

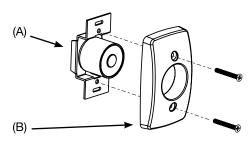


| Screw Kits                     |         |
|--------------------------------|---------|
| Screw Kit for 990M<br>990300-* | \$30.10 |

### Used with Model 994M, 997M, 998M

| (A) Magnet Assembly and<br>Bracket<br>**998369-3V (tri-volt only) | \$217.00 |
|-------------------------------------------------------------------|----------|
| (B) Cover<br>998315-*                                             | \$84.00  |

<sup>\*</sup>specify finish



| Screw Kits                                  |         |
|---------------------------------------------|---------|
| Screw Kit for 997,<br>997M/998M<br>998300-* | ¢22.00  |
| Screw Kit for 997,<br>998M<br>998303-*      | \$33.80 |

<sup>\*</sup>specify finish

\*\* For other voltages, contact factory for specific part numbers

### **ASSA ABLOY**

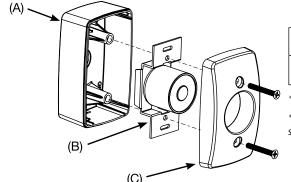
<sup>\*\*</sup> For other voltages, contact factory for specific part numbers

<sup>\*\*</sup> For other voltages, contact factory for specific part numbers

### Electromagnetic Door Holder/Releases Parts Drawings

#### Used with Model 996M -----

| (A) Surface Mounting Box<br>Housing<br>996501M-*                  | \$117.00 |
|-------------------------------------------------------------------|----------|
| (B) Magnet Assembly and<br>Bracket<br>**996369-3V (tri-volt only) | \$217.00 |
| (C) Cover<br>998315M-*                                            | \$84.00  |



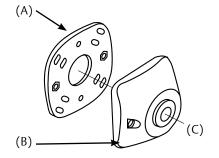
| Screw Kit                      | S       |
|--------------------------------|---------|
| Screw Kit for 996M<br>996325-* | \$33.80 |

\*specify finish

\*\* For other voltages, contact factory for specific part numbers

#### Used with Model 999M

| (A Base Plate<br>999105                   | \$89.00  |
|-------------------------------------------|----------|
| (B) Cover<br>999055-*                     | \$331.00 |
| (C) Magnet<br>**996219-3V (tri-volt only) | \$188.00 |



| Screw Kits                     |         |
|--------------------------------|---------|
| Screw Kit for 999M<br>999318-* | \$33.80 |

\*specify finish

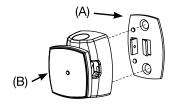
\*\* For other voltages, contact factory for specific part numbers

## Used with Model 980M/981M, 990M, 991M, 996M, 997M Door Portion

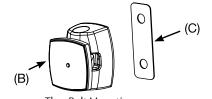
| (A) Backup Plate<br>900314     | **       |
|--------------------------------|----------|
| (B) Door Armature<br>997510M-* | \$151.00 |
| (C) **Door Plate<br>998009     | **       |

<sup>\*\*</sup>Not Sold Separately – See Screw Kit \*specify finish

Door portion screws included with Wall/Floor parts.



Surface Applied Concelaed Mounting Recommended for Solid Wood Doors Only



Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors

\*specify finish

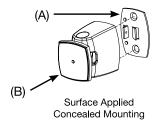
| (A) **Backup Plate<br>900314   | **       |
|--------------------------------|----------|
| (B) Door Armature<br>998512M-* | \$151.00 |
| (C) **Door Plate<br>998009     | **       |

\*\*Not Sold Separately -

See Screw Kit

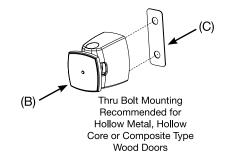
\*specify finish

Door portion screws included with Wall/ Floor parts.



Recommended for Solid

Wood Doors Only



Screw Kit for 998M 998303-\*

\$33.80

#### Used with Model 994M ■

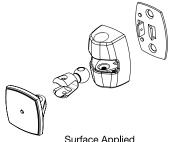
| (A) **Backup Plate<br>900314                   | **       |
|------------------------------------------------|----------|
| (B) Door Armature<br>994510M-*<br>(includes D) | \$163.00 |
| (C) **Door Plate<br>998009                     | **       |

\*\*Not Sold Separately -See Screw Kit

\*specify finish

Door portion screws included with Wall/ Floor parts.

| (D) Swivel Armature                                       |                                      |          |
|-----------------------------------------------------------|--------------------------------------|----------|
| cannot be used with extension pieces Part# 900-3 \$107.70 | cannot be used with extension pieces | \$107.70 |



Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only

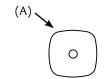


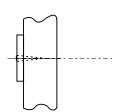
Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors

### **Used with Model 989**

\$93.00

(A) Door Armature Attachment screw included in Kit. Part#444FM





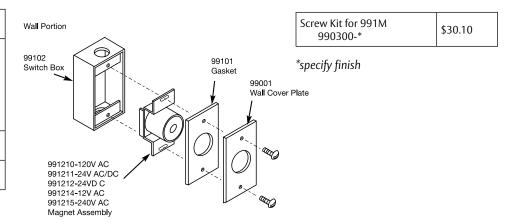
\*specify finish

Norton and Rixson are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company.

### Electromagnetic Door Holder/Releases Parts Drawings

#### Used with Model 991M

| (A) Switch Box<br>991002                                                                                      | \$305.00 |
|---------------------------------------------------------------------------------------------------------------|----------|
| (B) Magnet Assembly<br>991210-120 VAC<br>991211-24 VAC/DC<br>991212-24 VDC<br>991214-12 VAC<br>991215-240 VAC | \$477.00 |
| (C) Gasket<br>991001                                                                                          | \$37.00  |
| (D) Wall Cover Plate<br>990001                                                                                | \$68.00  |

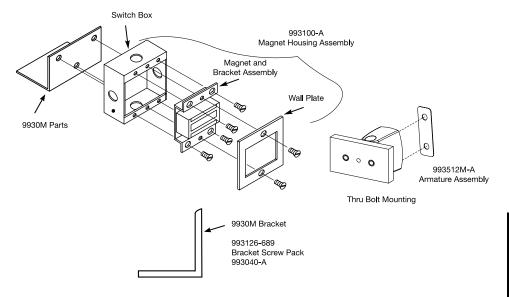


#### Used with Model 993M/9930M

| (A) Magnet Housing<br>Assembly<br>993100-A | \$784.00 |
|--------------------------------------------|----------|
| (B) Armature Assembly<br>993512M-A         | \$537.00 |

| Screw Kit for 993M:<br>993300-A | \$20.50 |
|---------------------------------|---------|
| 993300-A                        |         |

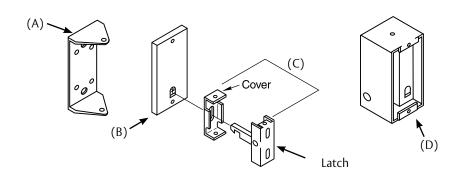
| (C) Bracket for floor<br>mounting (Model 9930M)<br>993126-* | \$123.00 |
|-------------------------------------------------------------|----------|
| Screw kit for angle bracket 993040-*                        | \$43.20  |



\*specify finish

#### Used with Model 972H

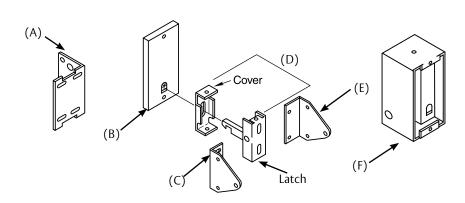
| (A) "U" Bracket<br>972041                       | \$105.00 |
|-------------------------------------------------|----------|
| (B) Cover<br>972102                             | \$148.00 |
| (C) Latch Unit<br>972106                        | \$232.00 |
| (D) Box<br>972100<br>972112<br>972118<br>972120 | \$827.00 |



| Screw Kit for 972/973H | \$76.00 |
|------------------------|---------|
| 972190                 | \$70.00 |

#### Used with Model 9725

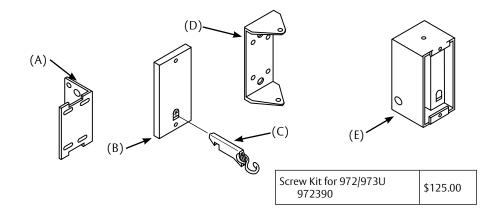
| (A) Angle Bracket<br>972040                     | \$62.70  |
|-------------------------------------------------|----------|
| (B) Cover<br>972102                             | \$148.00 |
| (C) Flat Latch Bracket<br>972044                | \$58.10  |
| (D) Latch Unit<br>972106                        | \$232.00 |
| (E) Threaded Latch Bracket 972043               | \$57.80  |
| (F) Box<br>972100<br>972112<br>972118<br>972120 | \$827.00 |



| Screw Kit for 972/973S | ¢7C 00  |
|------------------------|---------|
| 972290                 | \$76.00 |

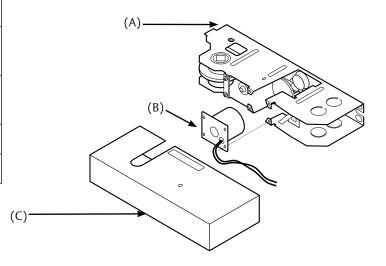
#### Used with Model 972U

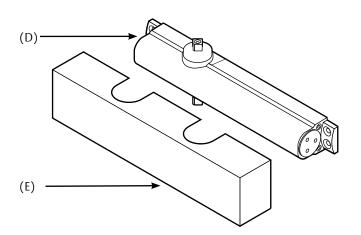
| (A) Angle Bracket<br>972040                     | \$62.70  |
|-------------------------------------------------|----------|
| (B) Cover<br>972102U                            | \$148.00 |
| (C) Latch Arm<br>972105                         | \$76.00  |
| (D) "U" Bracket<br>972041                       | \$105.00 |
| (E) Box<br>972100<br>972112<br>972118<br>972120 | \$827.00 |



#### SMOK-CHEK® V ■

| (A) Holder Assembly<br>550100 120VAC<br>550101 24VAC/DC | \$646.00 |
|---------------------------------------------------------|----------|
| (B) Magnet<br>930105 120VAC<br>930106 24VAC/DC          | \$189.00 |
| (C) Holder Cover<br>(non-detectored)<br>550106-*        | \$179.00 |
| (D) Closer Body<br>85010163-*                           | \$316.00 |
| (E) Closer Cover<br>233069K*                            | \$72.00  |



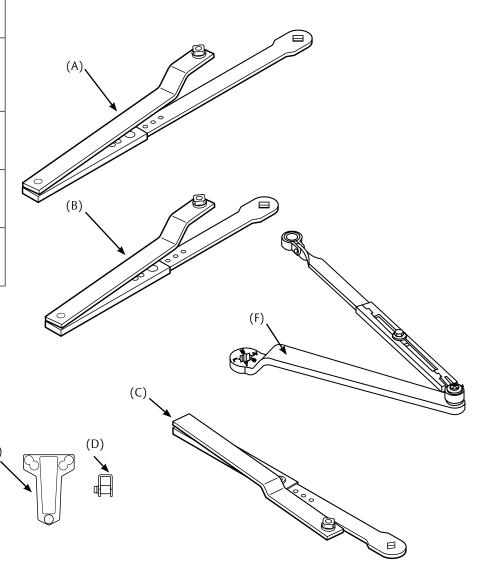


| Screw Packs                               |         |
|-------------------------------------------|---------|
| 550221-*<br>for models with closers       |         |
| 550131-*<br>for models without<br>closers | \$52.50 |

\*specify finish

#### SMOK-CHEK® V

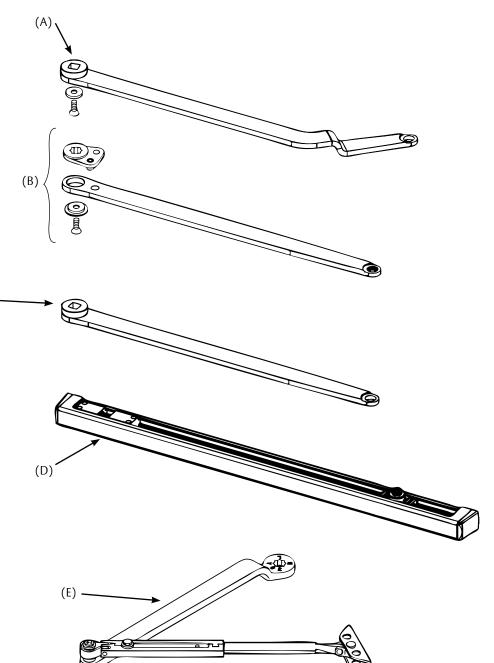
| (A) Deep Reveal<br>Push Side Arm<br>550789-*                            | \$370.00 |
|-------------------------------------------------------------------------|----------|
| (B) Push Side Arm<br>550136K*                                           | \$214.00 |
| (C) Pull Side Arm<br>550120K-*                                          | \$211.00 |
| (D) Door Pivot Bracket<br>(Used with 0602/2602<br>models)<br>565118T689 | \$49.50  |
| (E) PA Bracket<br>(Used with 0602/2602<br>models)<br>40-1600-0450-078   | \$29.30  |
| (F) Arm (used with 0602/2602 models) 20-7700-0192-*                     | \$110.00 |

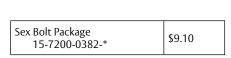


\*specify finish

#### SMOK-CHEK® VI -

| (A) Double Egress Pull Side<br>15-7200-0517-* (RH)<br>15-7200-0518-* (LH) | \$337.00 |
|---------------------------------------------------------------------------|----------|
| (B) Free Swing Arm<br>15-7200-0516-*                                      | \$301.00 |
| (C) Pull Side Arm<br>15-7200-0515-*                                       | \$92.00  |
| (D) Pull Side Track<br>15-7200-0514-*                                     | \$267.00 |
| (E) Push Side Arm<br>15-7200-0505-*                                       | \$105.00 |

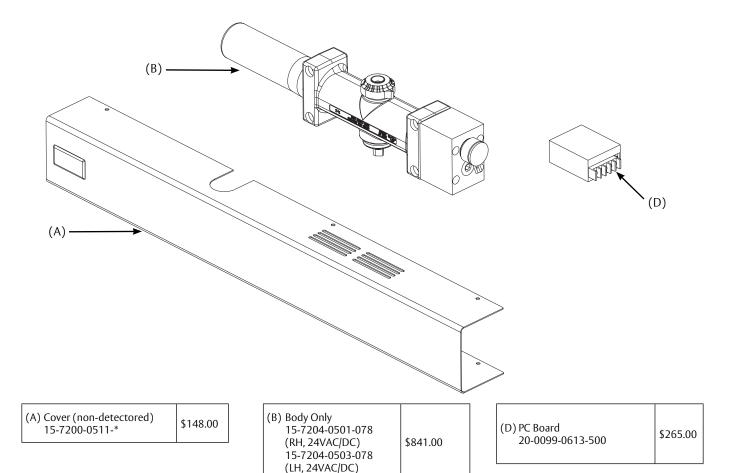




\*specify finish

### Electrified Closer/Holders Parts Drawings

SMOK-CHEK® VI ------

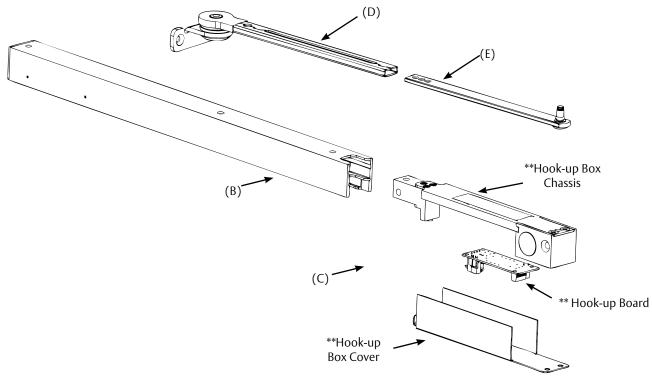


\*specify finish

204

# Rixson Electrified Closers and Holders

#### Models 99-726 and 99-926



| Slider Assembly (not visible)                                                          | \$84.00  |
|----------------------------------------------------------------------------------------|----------|
| 20-0099-0337-500                                                                       | ¥04.00   |
| (B) Channel (for 99-726)<br>20-0099-0608-* (24V)                                       | \$431.00 |
| (B) Channel (for 99-926)<br>20-0099-0609-* (24V)                                       |          |
| (C) Hook-Up Box Assembly (for 99-726)<br>20-0099-0604-* (24V)<br>20-0099-0605-* (120V) | \$192.00 |
| (C) Hook-Up Box Assembly (for 99-926)<br>20-0099-0600-* (24V)<br>20-0099-0601-* (120V) | \$170.00 |
| (D) Arm Bracket & Tube<br>20-0099-0516-*                                               | \$135.00 |
| (E) Adjusting Rod<br>20-0099-0343-*                                                    | \$35.20  |

| Screw Kit<br>20-0040-0534-* | \$32.20 |
|-----------------------------|---------|

<sup>\* =</sup> specify finish

\*specify finish

<sup>\*\* =</sup> not sold separately. Part of hook-up box assembly



**ASSA ABLOY** 

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing access control and service.

#### NORTON | RIXSON

Norton Door Controls 3000 Highway 74 East Monroe, NC 28112 1.877.974.2255 www.nortondoorcontrols.com

Rixson Specialty Door Controls 3000 Highway 74 East Monroe, NC 28112 1.800.457.5670 www.rixson.com ASSA ABLOY Door Security Solutions Canada 160 Four Valley Drive, Vaughan, ON L4K 4T9 Tel: 800.461.3007

Fax: 800.461.8989 www.assaabloydss.ca

Norton®, Power Track®, Unitrol®, CloserPlus®, Tri-Style®, ADAEZ®, PowerMatic® and SafeZone® are registered trademarks of Yale Security Inc., an ASSA ABLOY Group company. CloserPlus Spring™ and Executive™ are trademarks of Yale Security Inc., an ASSA ABLOY Group company. Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. These materials are protected under U.S. copyright laws. All contents current at time of publication.

Rixson and Design®, Uni-Chek®, Smok-Check®, Duo-Chek® and Checkmate® are registered trademarks of Yale Security Inc., an ASSA ABLOY Group company.

Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. These materials are protected under U.S. copyright laws. All contents current at time of publication.

Norton and RIXSON are brands associated with ASSA ABLOY Accessories and Door Controls Group, Inc., an ASSA ABLOY Group company. Copyright © 2002-2021, ASSA ABLOY Accessories and Door Controls Group, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of ASSA ABLOY Accessories and Door Controls Group, Inc. is prohibited. Contact Norton at: 877-974-2255 or visit www.nortondoorcontrols.com; Contact RIXSON at 800-457-5670 or visit www.rixson.com. In Canada contact us at: 800-461-3007 or visit www.assaablovdss.ca.