## Door Controls



RIXSON

Price List

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## **ASSA ABLOY**

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#### SERVICE CENTER BUSINESS HOURS

ASSA ABLOY Door Security Solutions Customer Service - Monroe 3000 Highway 74 E.

Monroe, NC 28112 Tel: (800) 438-1951 Fax: (800) 338-0965

Technical Product Support 3000 Highway 74 East Monroe, NC 28112 Tel: (877) 974-2255

Hours of Operation 8:00 a.m. - 4:30 p.m. (Eastern) ASSA ABLOY Door Security Solutions Canada

Customer Service - Vaughan

160 Four Valley Drive Vaughan ON L4K 4T9 Tel: (800) 461-3007 Fax: (800) 461-8989

Hours of Operation

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

#### **HOLIDAY AND INVENTORY SCHEDULE\***

Norton Rixson will be CLOSED on the following dates:

#### USA

January 3: New Year's Day

April 15: Good Friday

May 30: Memorial Day

July 4: Independence Day

September 5: Labor Day

November 24, 25: Thanksgiving

December 23, 26: Christmas

October 28, 29 (Inventory)

Customer Service and Technical Support will be available during inventory.

#### Canada

January 1: New Year's Day
February 21: Family day
April 15: Good Friday
May 23: Victoria Day
July 1: Canada Day
August 1: Civic Holiday
September 5: Labour Day
October 10: Thanksgiving Day

October 10: Thanksgiving Day December 25: Christmas Day December 26: Boxing Day

#### **ORDERING TIPS**

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.NotonRixson.com for current product information.

<sup>\*</sup> Dates subject to change



## **ASSA ABLOY**

### **ASSA ABLOY CONNECT**

Manage every aspect of your ASSA ABLOY account all in one place -- <a href="https://connect.assaabloy.com">https://connect.assaabloy.com</a> (login & new user registration)

#### **Orders**

- Order management
- Expedite request status
- Customer Care Forms (CCF) status
- Return Goods Authorization (RGA) status
- CCF and RGA requests
- · Access to all marketing and technical collateral

#### **Billing and Credit**

- Invoices
- · Payments
- · Credit memos
- · Account statements

### **Online Orders:**

- Online order entry
- ASSA ABLOY FLASHship™ webshop

#### **Project Management**

- · Consolidated quotes
- Projects
- · Keying consultation

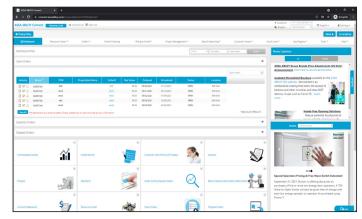
### **Sales and Reporting**

- Monthly sales
- Sales program reporting

#### **Other Important Info**

- Order guidelines
- · Policies and procedures
- Buying programs
- · Lead times





#### **WEBSITE**

The latest product information, documentation and support tools are posted on NortonRixson.com, including:

- Catalogs
- Price Book
- Installation Instructions
- Templates
- Wiring Diagrams
- Warranties
- Brochures & Sell Sheets
- Special Application Design & Specification Support
- Special Finish Request Form
- Videos



## **Terms and Conditions**

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

#### **ACCEPTANCE**

Norton Rixson reserves the right to decline an order, in whole or in part, when the type or quantity of goods or credit worthiness 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 Norton Rixson, unless such terms and conditions are approved in a separate written agreement by Norton Rixson authorized representatives. In the event of an acceptance of Purchaser's Purchase Order by Norton 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 Norton Rixson and the Purchaser.

In the event that Norton 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 Norton 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. (Norton 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 Norton 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 Norton Rixson's carrier of choice to a single destination point in the United States. Orders for Norton 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 Norton 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 Norton Rixson and Door Security Solutions extranet and will go into effect on the 2nd Monday of the quarter. Please refer to the Norton 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, Norton 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 Norton Rixson and the full rate for the service, as published by the carrier, will be added to the customer's invoice.

Packing – Norton Rixson will pack, mark and ship the products according to its standard procedures for shipment, unless the parties agree, in writing, that Norton 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, Norton Rixson may, at its sole discretion (a) apply a minimum order charge, (b) reject the order or (c) waive the minimum



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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 Norton Rixson elects to offer a quote, such quote will be valid until expiration date on the 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 Norton 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 Norton Rixson's discretion.

Norton 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 Norton Rixson standard list price and regardless of whether Norton 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 Norton Rixson.

Non-cataloged products are not subject to buy programs. Consult factory for pricing. Special products may require special handling and lead times. Any additional handling charge may be included.

#### **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 Norton 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.

#### **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.

#### **DELIVERY**

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. Norton Rixson will use reasonable efforts to deliver products as estimated, but makes no guarantees as to delivery dates.

Norton 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.

Norton 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 Norton 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 Norton 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.

# NORTON RIXSON ASSA ABLOY

## **Terms and Conditions**

#### **RETURNED GOODS**

It is the policy of Norton 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 pre-arranged with Norton 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 goods, Norton Rixson Quick Ship or 10B Finished products.

A **MINIMUM** reprocessing fee of **45%** will be charged. Upon receipt and verification by Norton 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 Norton Rixson Sales Representative serving the Purchaser's area.
- Ensure the RGA labels that are sent to Purchaser by Norton 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. Norton 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.

#### **TAXES**

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 Norton Rixson's Limited Warranty, which is included in this Price List and incorporated herein by reference.

#### PRODUCT MODIFICATIONS

Norton Rixson products are not designed or intended for aftermarket modification. The warranty on Norton 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-Norton Rixson components.

If a Norton 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 Norton Rixson product. A modified product may not be sold as a Norton Rixson product and no Norton Rixson trademarks or certification marks based on the original Norton 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 Norton Rixson packaging and literature carries Norton Rixson trademarks and must be destroyed if the original Norton Rixson product is modified. Portions of the product that carry a Norton 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 Norton 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.

#### RETROFITTING FIRE DOOR APPLICATIONS

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening and Norton Rixson makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.



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

#### LIMITED WARRANTY

Yale Security Inc® (the "Company") warrants that its products sold under the Norton 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-Norton 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:

| Surface Closers                     |           |  |
|-------------------------------------|-----------|--|
| 7500, 8000, 1600, 9500, 9540 Series | 30 years* |  |
| 78B/F, 210, 410, 2800ST             | 10 years  |  |
| 160, 1700, 9300BC Series            | 5 years   |  |
| Floor Closers                       |           |  |
| 27, 28, 30, 40 Series               | 10 years  |  |
| 50, 51, 53 Series                   | 2 years   |  |
| 20                                  | 2 years   |  |
| 10, 12, 15, 16                      | 2 years   |  |
| 354, 355, 356, 357, 359, 1351       | 2 years   |  |
| Overhead Concealed Closers          |           |  |
| 91, 93, 73                          | 15 years  |  |
| 7900 Series                         | 10 years  |  |
| 0608, 608, 700, 800 Series          | 2 years   |  |

| Electromechanical Closers            |         |  |
|--------------------------------------|---------|--|
| 7100SZ, 7200, 770PT                  | 2 years |  |
| 0600, 0601, 0602, 0100, 0101         | 2 years |  |
| 4 Pull, 4 Push                       | 2 years |  |
| 99-726, 99-926                       | 2 years |  |
| Low Energy Operators                 |         |  |
| 6300, 6000, 5800, 5700, 5500         | 2 years |  |
| 5600                                 | 1 year  |  |
| Electromagnetic Door Holder/Releases | 2 years |  |
| Checkmate® Stops & Holders 2 years   |         |  |
| Pivots & Pivot Sets                  | 2 years |  |
| <b>Thresholds</b> 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. 3000 Highway 74 E., Monroe, NC 28112, 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 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.

USA & Canada Prices Effective February 1, 2022

In Canada contact us at: 800-461-3007 or visit www.assaablovdss.ca

<sup>\*</sup>Product must be manufactured after May 1, 2021



## 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 TM, 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.

## **Finishes and Fasteners**

Norton Rixson offers the following finishes: waterborne acrylic, polyester powder coat and plated. Custom finishes may be available on special order. Not every finish is available on every product; refer to the product catalog or contact customer service for confirmation.

| WATERBORNE (SPRAYED) OR POWDER COAT FINISHES ANSI/BHMA DESCRIPTION |   |  |
|--|---|--|
| 689  | Aluminum                                |  |
| 690  | Dark Bronze                             |  |
| 691  | Light Bronze                            |  |
| 622 / 693  | Black                                   |  |
| 694  | Medium Amber                            |  |
| 696  | Satin Brass                             |  |
| 613E   | Dark Oxidized Satin Bronze - Equivalent |  |
| BSP  | Black Suede                             |  |
| WSP  | White Suede                             |  |

| PLATED FINISHES |                  |
|-----------------|------------------|
| ANSI/BHMA       | DESCRIPTION      |
| 605             | Bright Brass     |
| 606             | Satin Brass      |
| 611             | Bright Bronze    |
| 612             | Satin Bronze     |
| 613             | Dark Bronze      |
| 618             | Bright Nickel    |
| 619             | Satin Nickel     |
| 625             | Bright Chrome    |
| 626 / 652       | Satin Chrome     |
| 629             | Bright Stainless |
| 630             | Satin Stainless  |

| 600 special rust inhibiting prime coat | \$43.00 |
|--|---------|
|--|---------|

#### Notes:

- Surface closer bodies and plastic covers are available in waterborne acrylic finishes; arms and metal covers are available in powder coat or plated finishes.
- Prices listed for legacy Norton products are for waterborne (sprayed) or powder coat finishes; additional charges apply for plated finishes. See chart below.

| ADDITIONAL PLATING CHARGES    |              |
|-------------------------------|--------------|
| Series 7500, 8501, 9500, 9540 |              |
| Arm                           | Add \$387.00 |
| *Cover (Metal)                | Add \$266.00 |
| Drop Plates                   | Add \$233.00 |
| Sex Nuts                      | Add \$36.00  |
| Soffit Plates                 | Add \$118.00 |
| Series 1600BC, 1601           |              |
| Arm                           | Add \$387.00 |
| Series 7900, 7970             |              |
| Arm                           | Add \$387.00 |
| Dress Plates                  | Add \$387.00 |

#### **SPECIAL FINISHES:**

| * Contact factory for availability * 50 piece minimum order for non-standard sprayed or powder coat finishes. Additional charge per closer will be added to net/net charge | Net add \$50.00<br>per closer |
|--|-------------------------------|
|--|-------------------------------|



### **DOOR CLOSER PAINT (PRICE PER CAN)**

(12 cans per carton)

| MODEL NO. | MODEL NO. PRODUCT DESCRIPTION        |         |
|-----------|--------------------------------------|---------|
| 1A        | Aluminum Spray Paint (689)           |         |
| 2BZ       | Light Bronze Spray Paint (691)       |         |
| 5S        | Dark Bronze (STAT) Spray Paint (690) | \$43.00 |
| 6SB       | Gold Spray Paint (696)               |         |
| 78BSP     | Black Suede Powder Coat (BSP)        |         |

| LEAD LINED METAL COVER  | ADD \$218.00                              |
|---|---|
| <b>GROMMET NUTS</b> : Suffix "TBGN" to model number. Ordered with closer - PKG of 4 each  | N/C                                       |
| SEX NUTS: Bolts excluded Ordered with surface closer - Sprayed Steel - PKG of 4 each Ordered with surface closer - Stainless Steel - PKG of 4 each Ordered with closer for 2-1/4" thick doors                     | ADD \$2.00<br>ADD \$114.00<br>ADD \$72.00 |
| Torx® TOOL KIT #20-0040-0868-005 Includes one handle/driver and six bits; T10, T15, T20, T25, T27 and T30 Note: Furnished no charge with first 30 closers. Another kit furnished with each additional 52 closers. | ADD \$221.00                              |

<sup>&</sup>lt;sup>1</sup>See page 54 for packages.



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 83

## 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 |
|-------|--|--|------------------|-------------------|--------------------|--------------------|
|       | 271  | 2711 4 D                                 | 100              | 252050R*          | 274050R*           | 257000 DVC         |
|       | 27N  | 27N LAP                                  | 180              | 252050L*          | 274050L*           | 253000-PKG         |
|       | \$2,191.00   | \$1,491.00                               | \$286.00         | \$151.00          | \$137.00           | \$126.00           |
|       | 276  | 270   AD                                 | 100              | 252050R*          | 274750R*           | 257000 DVC         |
|       | 27S  | 27S LAP                                  | 180              | 252050L*          | 274750L*           | 253000-PKG         |
|       | \$2,340.00   | \$1,640.00                               | \$286.00         | \$151.00          | \$137.00           | \$126.00           |
|       | F27N <b>(h</b> )                                     | 27N LAP                                  | F180             | 252050R*          | 274050R*           | 257000 DKC         |
|       |  | Z/N LAP                                  | FIOU             | 252050L*          | 274050L*           | 253000-PKG         |
|       | \$2,575.00   | \$1,491.00                               | \$670.00         | \$151.00          | \$137.00           | \$126.00           |
|       | 27-180N  | 27-180N LAP                              | 180              | 252050R*          | 274050R*           | 253000-PKG         |
|       | 27-18011   | 27-1001N LAP                             | 100              | 252050L*          | 274050L*           | 233000-PKG         |
|       | \$2,364.00   | \$1,664.00                               | \$286.00         | \$151.00          | \$137.00           | \$126.00           |
|       | 27-180A  | 27-180A LAP                              | 180              | 252050R*          | 274050R*           | 253000-PKG         |
|       |  |  |                  | 252050L*          | 274050L*           | 233000-PKG         |
|       | \$2,513.00   | \$1,813.00                               | \$286.00         | \$151.00          | \$137.00           | \$126.00           |
|       | 507 100N <b>(</b>                                    | 07.40.00                                 | F180             | 252050R*          | 274050R*           | 253000-PKG         |
|       | F27-180N <b>(1)</b>                                  | 27-180N LAP                              |                  | 252050L*          | 274050L*           |                    |
|       | \$2,748.00   | \$1,664.00                               | \$670.00         | \$151.00          | \$137.00           | \$126.00           |
|       | 1071   | 00011.45                                 | 100              | 652050R*          | 274050R*           | 057000 DVC         |
|       | 127N   | 28N LAP                                  | 180              | 652050L*          | 274050L*           | 253000-PKG         |
|       | \$2,290.00   | \$1,479.00                               | \$286.00         | \$262.00          | \$137.00           | \$126.00           |
|       | 1270   | 200   AD                                 | 100              | 652050R*          | 274750R*           | 257000 DVC         |
|       | 127S   | 28S LAP                                  | 180              | 652050L*          | 274750L*           | 253000-PKG         |
|       | \$2,439.00   | \$1,628.00                               | \$286.00         | \$262.00          | \$137.00           | \$126.00           |
|       | F127N <b>(9)</b>                                     | 2011 40                                  | F10.0            | 652050R*          | 274050R*           | 257000 DVC         |
|       | F12/1N <b>(4)</b>                                    | 28N LAP                                  | F180 -           | 652050L*          | 274050L*           | 253000-PKG         |
|       | \$2,674.00   | \$1,479.00                               | \$670.00         | \$262.00          | \$137.00           | \$126.00           |

\*Finish required, see page 84 N = Non-Hold open A = Automatic Hold Open S = Selective Hold Open LAP = Less All Parts



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 83

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 |
|-------|--|--|------------------|-------------------|--------------------|--------------------|
| 127   | 427N   | 2011 4 D                                 | 180 x 102        | 652050R*          | 274050R*           | 253000-PKG         |
|       | 42/11  | 28N LAP                                  | 160 X 102        | 652050L*          | 274050L*           | 255000-PNG         |
| ΙÍ    | \$2,438.00   | \$1,479.00                               | \$434.00         | \$262.00          | \$137.00           | \$126.00           |
|       | 4070   | 4076 005   45 100 100 65205              | 652050R*         | 274750R*          | 257000 DVC         |                    |
|       | 427S   | 28S LAP                                  | 180 x 102        | 652050L*          | 274750L*           | 253000-PKG         |
|       | \$2,587.00   | \$1,628.00                               | \$434.00         | \$262.00          | \$137.00           | \$126.00           |

Heavy Weight/Duty 1-1/2" Offset

| 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 x 1-1/2OS  | 27N LAP                                  | 180 x             | 252060R*             | 274050R*             | 253000-PKG         |
|       | 2711 X 1 1/200                                       | Z/N LAF                                  | 1-1/20S           | 252060L*             | 274050L*             | 255000 T NO        |
|       | \$2,504.00   | \$1,491.00                               | \$517.00          | \$233.00             | \$137.00             | \$126.00           |
|       | 27S x <b>(1)</b>                                     | 276   40                                 | 180 x<br>1-1/20S  | 252060R*             | 274750R*             | 257000 DVC         |
|       | 1-1/2OS  | 27S LAP                                  |                   | 252060L*             | 274750L*             | 253000-PKG         |
|       | \$2,653.00   | \$1,640.00                               | \$517.00          | \$233.00             | \$137.00             | \$126.00           |
| Í     | F27N x 1-1/20S                                       | 27N LAP                                  | F180 x<br>1-1/20S | 252060R*             | 274050R*             | 253000-PKG         |
|       |  |  |                   | 252060L*             | 274050L*             |                    |
|       | \$3,068.00   | \$1,491.00                               | \$1,081.00        | \$233.00             | \$137.00             | \$126.00           |
|       | 27 x180N x   | 07 100111 45                             | 180 x<br>1-1/20S  | 252060R*             | 274050R*             | 253000-PKG         |
|       | 1-1/2OS  | 27 x 180N LAP                            |                   | 252060L              | 274050L*             |                    |
|       | \$2,677.00   | \$1,664.00                               | \$517.00          | \$233.00             | \$137.00             | \$126.00           |
|       | 27-180A x<br>1-1/20S                                 | 27 x 180A LAP                            | 180 x<br>1-1/20S  | 252060R*<br>252060L* | 274050R*<br>274050L* | 253000-pkg         |
|       | \$2,826.00   | \$1,813.00                               | \$517.00          | \$233.00             | \$137.00             | \$126.00           |
|       | F27-180N x   | 27.100111.45                             | F180 x            | 252060R*             | 274050R*             | 253000-PKG         |
|       | 1-1/2OS  | 27-180N LAP                              | 1-1/20S           | 252060L*             | 274050L*             |                    |
|       | \$3,241.00   | \$1,664.00                               | \$1,081.00        | \$233.00             | \$137.00             | \$126.00           |

## 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>(h)</b>   | 327N LAP                         | N/A              | 3252010-*         | 3274010R*          | 253000-PKG         |
|       |  | JZ/N LAP                         |                  |                   | 3274010L*          |                    |
|       | \$2,313.00   | \$1,600.00                       | N/A              | \$450.00          | \$137.00           | \$126.00           |

<sup>\*</sup>Finish required, see page 84

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.



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 83

Extra Hoavy Woight/Duty/Load Lined 1-7/4" Door

| <u>Extra Heav</u> | y Weight/D   | uty/Lead L                               | <u>ined 1-3/4'</u> | 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             |
|                   | LZ/IN  | LZ/IN LAP                                | LIOU               | 252051L*          | 274050L*           | 255001             |
|                   | \$3,207.00   | \$2,068.00                               | \$464.00           | \$269.00          | \$137.00           | \$269.00           |
|                   | 1.276  | 1.276 1.40                               | L 100              | 252051R*          | 274750R*           | 257001             |
|                   | L27S   | L27S LAP                                 | L180               | 252051L*          | 274750L*           | 253001             |
|                   | \$3,356.00   | \$2,217.00                               | \$464.00           | \$269.00          | \$137.00           | \$269.00           |
|                   | FL27N <b>(h</b> )                                    | L27N LAP                                 | FL180              | 252051R*          | 274050R*           | 253001             |
|                   |  |  |                    | 252051L*          | 274050L*           |                    |
|                   | \$3,724.00   | \$2,068.00                               | \$981.00           | \$269.00          | \$137.00           | \$269.00           |
|                   | 1.07.1001  | L27-180N LAP                             | L180               | 252051R*          | 274050R*           | 253001             |
|                   | L27-180N   |  |                    | 252051L*          | 274050L*           |                    |
|                   | \$3,430.00   | \$2,291.00                               | \$464.00           | \$269.00          | \$137.00           | \$269.00           |
|                   | L 27 100 A   | 1.07.100 A 1.40                          | L 100              | 252051R*          | 274050R*           | 257001             |
|                   | L27-180A   | L27-180A LAP                             | L180               | 252051L*          | 274050L*           | 253001             |
|                   | \$3,579.00   | \$2,440.00                               | \$464.00           | \$269.00          | \$137.00           | \$269.00           |
|                   | 51 07 100NI  | 107 100 11 4 5                           | FL 100             | 252051R*          | 274050R*           | 253001             |
|                   | FL27-180N  | L27-180N LAP                             | FL180              | 252051L*          | 274050L*           |                    |
|                   | \$3,947.00   | \$2,291.00                               | \$981.00           | \$269.00          | \$137.00           | \$269.00           |

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

| Model | Complete Closer<br>Specify Model,<br>Hand 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             |
|       | \$3,695.00   | \$2,068.00                               | \$700.00                 | \$521.00  | \$137.00           | \$269.00           |
|       | L27S x door  | L27S LAP                                 | L180 x door              | See above   | 274750R*           | 253001             |
|       | thickness  | LZ/J LAI                                 | thickness                | See above   | 274750L*           | 233001             |
|       | \$3,844.00   | \$2,217.00                               | \$700.00                 | \$521.00  | \$137.00           | \$269.00           |
|       | L27-180N x   | 1 27 100NLL AD                           | L180 x door              | Canabaya  | 274050R*           | 257001             |
|       | door thickness                                       | L27-180N LAP                             | thickness                | See above   | 274050L*           | 253001             |
|       | \$3,918.00   | \$2,291.00                               | \$700.00                 | \$521.00  | \$137.00           | \$269.00           |
|       | L27-180A x   |  | L180 x door              | See above   | 274050R*           | 253001             |
|       | door thickness                                       | L27-180A LAP                             | thickness                | See above   | 274050L*           |                    |
|       | \$4,067.00   | \$2,440.00                               | \$700.00                 | \$521.00  | \$137.00           | \$269.00           |

\*Finish required, see page 84

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



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 110 Options on page 83

## Heavy Weight/Duty Quick Install -----

| Model | Complete Closer<br>Specify Model,<br>Hand and<br>Degree | LAP Specify<br>Model, Hand<br>and Degree | Top Pivot<br>Pkg | Bottom Arm<br>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   |  |
|       | QZ/IV   | QZ/IN LAF                                | 100              | 222050L*          | 294050L*           | 233000-FRG         | 14119   |  |
|       | \$2,928.00  | \$1,661.00                               | \$286.00         | \$308.00          | \$137.00           | \$126.00           | \$410.00  |  |
|       | 0076  | 0276   AD                                | 100              | 222050R*          | 294750R*           | 257000 DVC         | M10   |  |
|       | Q27S  | Q27S LAP                                 | 180              | 222050L*          | 294750L*           | 253000-PKG         | M19   |  |
|       | \$3,077.00  | \$1,810.00                               | \$286.00         | \$308.00          | \$137.00           | \$126.00           | \$410.00  |  |
|       | FQ27N <b>(h</b> )                                       | 007111 4 D                               | F100             | 222050R*          | 294050R*           | 257000 DVC         | FM19  |  |
|       |   | Q27N LAP                                 | F180             | 222050L*          | 294050L*           | 253000-PKG         |   |  |
|       | \$3,775.00  | \$1,661.00                               | \$670.00         | \$308.00          | \$137.00           | \$126.00           | \$873.00  |  |
|       | 0.7.271   | 007111 4 D                               | 10.0             | 222050R*          | N1/A               | 257000 DVC         | N410  |  |
|       | QT27N   | Q27N LAP                                 | 180              | 222050L*          | N/A                | 253000-PKG         | M19   |  |
|       | \$2,791.00  | \$1,661.00                               | \$286.00         | \$308.00          | -                  | \$126.00           | \$410.00  |  |
|       | 0.7076  | 0076 LAD                                 | 100              | 222050R*          | N1/A               | 257000 DVC         | N410  |  |
| J     | QT27S   | Q27S LAP                                 | 180              | 222050L*          | N/A                | 253000-PKG         | M19   |  |
|       | \$2,940.00  | \$1,810.00                               | \$286.00         | \$308.00          | -                  | \$126.00           | \$410.00  |  |
|       | F0707N  | 007111.45                                | F10.0            | 222050R*          | N I / A            | 257000 DVC         | EN410   |  |
|       | FQ12/N(U)   | FQT27N(I) Q27N LAP F180                  |                  | 222050L*          | N/A                | 253000-PKG         | FM19  |  |
|       | \$3,638.00  | \$1,661.00                               | \$670.00         | \$308.00          | _                  | \$126.00           | \$873.00  |  |

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 |
|----------|--|--|--------------------------|-------------------|--------------------|--------------------|
| (3 Each) | HM27N & 🍙  | 27N LAP                                  | 254545*-PK               | 222050R*HM        | 274050R*           | 253000-PKG         |
|          | HM27N & <b>(1)</b><br>FHM27N                         |  | 254545 -PN               | 222050L*HM        | 274050L*           | 255000-PKG         |
|          | \$2,861.00   | \$1,491.00                               | \$799.00                 | \$308.00          | \$137.00           | \$126.00           |
|          | LIMO70   | 270   AD                                 | 254545* DI               | 222050R*HM        | 274750R*           | 257000 DVC         |
| HM27S    | 27S LAP  | 254545*-PK                               | 222050L*HM               | 274750L*          | 253000-PKG         |                    |
|          | \$3,010.00   | \$1,640.00                               | \$799.00                 | \$308.00          | \$137.00           | \$126.00           |

\*Finish required, see page 84 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



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 110 Options on page 83

## 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             |
|       |  | ZUN LAP                       |                  | 252050L*          | 204050L*           | 203000             |
|       | \$2,300.00                                   | \$1,600.00                    | \$286.00         | \$151.00          | \$137.00           | \$126.00           |
|       | F20N <b>(4)</b>                              | 2011 40                       | F100             | 252050R*          | 204050R*           | 207000             |
|       | F20N (U)   20N LAP                           | ZUN LAP                       | AP F180          | 252050L*          | 204050L*           | 203000             |
|       | \$2,684.00                                   | \$1,600.00                    | \$670.00         | \$151.00          | \$137.00           | \$126.00           |

\*Finish required, see page 84
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 83

## 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 |
|-------|--|--|------------------|-------------------|--------------------|--------------------|
|       | 28N x 554  | 28N LAP                                  | 340              | 282554            | 284020R*           | 253000-PKG         |
|       |  |  |                  |                   | 284020L*           |                    |
|       | \$2,120.00   | \$1,479.00                               | \$185.00         | \$185.00          | \$145.00           | \$126.00           |
|       | 28S x 554  | 28S LAP                                  | 340              | 282554            | 284720R*           | 253000-PKG         |
|       |  |  |                  | 202334            | 284720L*           | 2990001110         |
|       | \$2,269.00   | \$1,628.00                               | \$185.00         | \$185.00          | \$145.00           | \$126.00           |
|       | 2011   | 2011 4 D                                 | 7.40             | 202026 *          | 284020R*           | 257000 DI/C        |
|       | 28N  | 28N LAP                                  | 340              | 282026-*          | 284020L*           | 253000-PKG         |
| 1     | \$2,120.00   | \$1,479.00                               | \$185.00         | \$185.00          | \$145.00           | \$126.00           |
|       |  |  | 7.40             | 202026 *          | 284720R*           | 057000 5140        |
|       | 28S  | 28S LAP                                  | 340              | 282026-*          | 284720L*           | 253000-PKG         |
|       | \$2,269.00   | \$1,628.00                               | \$185.00         | \$185.00          | \$145.00           | \$126.00           |

<sup>\*</sup>Finish required, see page 84 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 83

## 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             |
|       | ПИОІЛ   | HZÖN LAP                                | П340             | 202022            | 284020L*           | 255001             |
| l Í   | \$3,588.00  | \$1,721.00                              | \$610.00         | \$843.00          | \$145.00           | \$269.00           |
|       | H28S  | H28S LAP                                | H340             | 262022            | 284720R*           | 257001             |
|       |   |   | П340             |                   | 284720L*           | 253001             |
|       | \$3,737.00  | \$1,870.00                              | \$610.00         | \$843.00          | \$145.00           | \$269.00           |
|       | 112001 507  |   | 117.40           | 000507            | 284020R*           | 253001             |
|       | H28N x 587  | H28N LAP                                | H340             | 262587            | 284020L*           |                    |
|       | \$3,588.00  | \$1,721.00                              | \$610.00         | \$843.00          | \$145.00           | \$269.00           |
| 0.0   | 1120C v F07   | 11206 1 4 D                             | 11740            | 262507            | 284720R*           | 253001             |
|       | H28S x 587  | H28S LAP                                | P H340           | 262587            | 284720L*           |                    |
|       | \$3,737.00  | \$1,870.00                              | \$610.00         | \$843.00          | \$145.00           | \$269.00           |

<sup>\*</sup>Finish required, see page 84

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 83

Patch Fittings/Single Acting ------

| Model | Complete Closer<br>Specify Model,<br>Hand 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  | 328N LAP                                 | IN/ A            | N/A               | 284020L*           | 253000-PKG         |
|       | \$1,750.00   | \$1,479.00                               | _                | -                 | \$145.00           | \$126.00           |
|       | 328S   | 328S LAP                                 | N/A              | NI/A              | 284720R*           | 253000-PKG         |
|       | 3285   | 3283 LAP                                 | N/A              | N/A               | 284720L*           | 233000-PKG         |
|       | \$1,899.00   | \$1,628.00                               | -                | -                 | \$145.00           | \$126.00           |
|       | 428N   | 400111.45                                | 7.40.4*51/       | 7.405*01/         | 284020R*           | 253000-PKG         |
|       | 428IN  | 428N LAP                                 | 7494*PK          | 7495*PK           | 284020L*           |                    |
|       | \$2,559.00   | \$1,479.00                               | \$398.00         | \$411.00          | \$145.00           | \$126.00           |
|       | 428S   | 420C L A D                               | 7404*DL/         | 7495*PK           | 284720R*           | 253000-PKG         |
|       | 4285   | 428S LAP                                 | 7494*PK          | 7495 PK           | 284720L*           |                    |
|       | \$2,708.00   | \$1,628.00                               | \$398.00         | \$411.00          | \$145.00           | \$126.00           |

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

| Model       | Specify Model,<br>Hand, Degree<br>and Number<br>of Wires | LAP Specify<br>Model, Hand,<br>Degree and<br>Number of Wires | Top Pivot<br>Pkg | Bottom<br>Arm Pkg | Floor<br>Plate Pkg   | Cement<br>Case Pkg |
|-------------|--|--|------------------|-------------------|----------------------|--------------------|
|             | EH28N  | EH28N LAP  | H340             | 262022            | 284020R*<br>284020L* | 253001             |
|             | \$3,919.00   | \$2,052.00   | \$610.00         | \$843.00          | \$145.00             | \$269.00           |
|             | EH28S  | EH28S LAP  | H340             | 262022            | 284720R*<br>284720L* | 253001             |
|             | \$4,068.00   | \$2,201.00   | \$610.00         | \$843.00          | \$145.00             | \$269.00           |
| ф. –        | EH28N x 587  | B7 EH28N LAP   | H340             | 262587            | 284020R*             | 257001             |
|             | EHZON X 367  | ENZON LAP  |                  | 202367            | 284020L*             | 253001             |
|             | \$3,919.00   | \$2,052.00   | \$610.00         | \$843.00          | \$145.00             | \$269.00           |
| Middle Hill | EH28S x 587  | EH28S LAP  | H340             | 262587            | 284720R*<br>284720L* | 253001             |
|             | \$4,068.00   | \$2,201.00   | \$610.00         | \$843.00          | \$145.00             | \$269.00           |

\*Finish required, see page 84 N=Non Hold Open A=Automatic Hold Open S=Selective Hold Open Note: Buying program discount on  $\underline{\text{Pivots}}$  applies when Pivots are ordered separately LAP = Less All Parts



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

Options on page 83

Heavy Weight/Duty Double Acting =

| Model | Complete Closer<br>Specify Model<br>and Degree<br>(If Hold Open) | LAP Specify<br>Model & Degree<br>(If 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             |
|       | \$2,587.00   | \$1,879.00                                      | \$185.00         | \$185.00          | \$192.00           | \$146.00           |
|       | 30A  | 30A LAP   | 340              | 302026-*          | 304020-*           | 303000             |
|       | \$2,736.00   | \$2,028.00                                      | \$185.00         | \$185.00          | \$192.00           | \$146.00           |
|       | 40N  | 40N LAP   | 340              | 302026-*          | 404020-*           | 403000             |
|       | \$2,659.00   | \$1,914.00                                      | \$185.00         | \$185.00          | \$184.00           | \$191.00           |
|       | 40A  | 40A LAP   | 340              | 302026-*          | 404020-*           | 403000             |
|       | \$2,808.00   | \$2,063.00                                      | \$185.00         | \$185.00          | \$184.00           | \$191.00           |

## Extra Heavy Weight/Duty Double Acting

| Model                                   | Complete Closer<br>Specify Model<br>and Degree<br>(If Hold Open) | LAP Specify<br>Model & Degree<br>(If 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             |
|   | \$4,984.00   | \$3,156.00                                      | \$610.00         | \$843.00          | \$184.00           | \$191.00           |
| Fair III                                | H40A   | H40A LAP  | H340             | 262022            | 404020-*           | 403000             |
|   | \$5,133.00   | \$3,305.00                                      | \$610.00         | \$843.00          | \$184.00           | \$191.00           |
|   | H40N X 587   | H40N LAP  | H340             | 262587            | 404020-*           | 403000             |
|   | \$4,984.00   | \$3,156.00                                      | \$610.00         | \$843.00          | \$184.00           | \$191.00           |
| B B T T T T T T T T T T T T T T T T T T | H40A X 587   | H40A LAP  | H340             | 262587            | 404020-*           | 403000             |
| !                                       | \$5,133.00   | \$3,305.00                                      | \$610.00         | \$843.00          | \$184.00           | \$191.00           |

\*Finish required, see page 84

N = Non-Hold open A = Automatic Hold Open

Note: Buying program discount on  $\underline{Pivots}$  applies when Pivots are ordered separately  $LAP = Less \ All \ Parts$ 

## Heavy Duty Floor Closers Options

**Quick Reference Options** 

| Prefix | Description   | Price    |
|--------|---|----------|
| PH     | 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.  | \$165.00 |
| 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.   | \$184.00 |
| 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. | \$170.00 |  |  |  |
| Torx     | Security screws. Only provided for screws visible.   | \$320.00 |  |  |  |
| CWF      | Cold weather fluid for temperatures consistently below 0 degrees.  | \$74.00  |  |  |  |
| -20      | 20 minute UL listing for smoke doors. Do not prefix F.   | \$32.00  |  |  |  |
| 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   |  |  |  |
| SDL O    | Special layout that may require special templating and/or products   |          |  |  |  |
| SPLO     | Special layout that may require special templating and/or products   |          |  |  |  |



## **Heavy Duty Floor Closers Accessories How To Order**

## **Door Control Accessories**

|      |         |   | Price    |
|------|---------|---|----------|
|      | 1101    | Cement Case for use with expansion joints, (handed)                                     | \$616.00 |
|      | 79501   | Cement Case for use with shallow floors (non-handed)                                    | \$368.00 |
|      | 25204   | Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers. | ¢205.00  |
|      | 25304   | Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.     | \$295.00 |
|      | 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.                            | \$910.00 |
|      | 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                        |          |
| Vo o | 60131   | Lock edge applied stop for center hung doors. Specify finish.                           | \$99.00  |
|      | 1859001 | Quickspotter Installation 25, 27, 28, 30, 40  | ¢170.00  |
|      | 1859501 | Quickspotter Installation for Q27   | \$132.00 |

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

## How To Order -

| F<br>Prefix   | 27<br>Model   | 90 Degree<br>of Swing   | N<br>Hold Open   | x 1,   | /2" Ext Spindle<br>Suffix   | x RH<br>Hand                                     |  | x 626<br>Finish  |
|---|---|---|--|--|---|--|--|--|
| DA Delayed<br>Action<br>PH Lighter<br>Spring<br>(ADA)<br>F Fire<br>Rated<br>Doors<br>W 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<br>Pan<br>TORX | 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 - # of Wires for Electrified Product Security Screws (Offset Only) Special Layout | Blank (30 & 40)<br>RH Right Hand<br>LH Left Hand | 606<br>611<br>612<br>613<br>613E<br>618<br>619<br>622<br>625<br>626<br>BSP | 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 |



Note: All fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 91.

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

| Model | Complete Closer<br>Specify Model,<br>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<br>5104NBC   | 5103NBC LAP<br>5104NBC LAP                               | 180              | 252050R*          | 4000500R*XXE       | 4000301            |  |
|       | 5105NBC  | 5105NBC LAP  | 100              | 252050L*          | 4000500L*XXE       | 4000301            |  |
|       | \$2,183.00   | \$1,456.00   | \$286.00         | \$151.00          | \$145.00           | \$145.00           |  |
|       | 5103ABC<br>5104ABC   |  |                  | 252050R*          | 4000500R*XXE       | 4000301            |  |
|       | 5105ABC  | 5105ABC LAP  | 180              | 252050L*          | 4000500L*XXE       | 1000301            |  |
|       | \$2,244.00   | \$1,517.00   | \$286.00         | \$151.00          | \$145.00           | \$145.00           |  |
|       | F5103NBC<br>F5104NBC   | 5103NBC LAP<br>5104NBC LAP                               | F180             | 252050R*          | 4000500R*XXE       | 4000301            |  |
|       | F5104NBC<br>F5105NBC   | 5105NBC LAP  | 1 100            | 252050L*          | 4000500L*XXE       | 1000001            |  |
|       | \$2,567.00   | \$1,456.00   | \$670.00         | \$151.00          | \$145.00           | \$145.00           |  |

<sup>\*</sup>Finish required, see page 92

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.



Note: All fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 91.

## Standard Weight/Duty 1-1/2" 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<br>Case Pkg |
|--------------|--|--|------------------|-------------------|--------------------|--------------------|
|              | 5103NBC x 1-1/20S<br>5104NBC x 1-1/20S                               | 5103NBC LAP<br>5104NBC LAP                               | 100 1 1/200      | 252060R*          | 4000500R*XXE       | 4000701            |
|              | 5105NBC x 1-1/20S  | 5105NBC LAP  | 180 x 1-1/20S    | 252060L*          | 4000500L*XXE       | 4000301            |
|              | \$2,496.00 \$1,456.00  |  | \$517.00         | \$233.00          | \$145.00           | \$145.00           |
| <del> </del> | 5103ABC x 1-1/20S  | 5103ABC LAP  | 100 v 1 1/200    | 252060R*          | 4000500R*XXE       | 4000301            |
|              | 5104ABC x 1-1/20S<br>5105ABC x 1-1/20S                               | 5104ABC LAP<br>5105ABC LAP                               | 180 x 1-1/20S    | 252060L*          | 4000500L*XXE       |                    |
|              | \$2,557.00   | \$1,517.00   | \$517.00         | \$233.00          | \$145.00           | \$145.00           |
|              | F5103NBC x 1-1/20S   | 5103NBC LAP  | E100 v 1 1/200   | 252060R*          | 4000500R*XXE       | 4000701            |
|              | F5104NBC x 1-1/20S<br>F5105NBC x 1-1/20S                             | 5104NBC LAP<br>5105NBC LAP                               | F180 x 1-1/20S   | 252060L*          | 4000500L*XXE       | 4000301            |
|              | \$3,060.00   | \$1,456.00   | \$1,081.00       | \$233.00          | \$145.00           | \$145.00           |

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

| Model                  | Complete Closer<br>Specify Model, Hand<br>and Hanging Means | LAP Specify<br>Model & Hand               | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate Pkg | Cement<br>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            |
|                        | \$2,196.00  | \$1,456.00                                | -                | \$450.00          | \$145.00        | \$145.00           |
| Perpendicular to Frame | **F5313NBC <b>(b)</b><br>**F5314NBC<br>**F5315NBC           | 5313NBC LAP<br>5314NBC LAP<br>5315NBC LAP | FM19             | 3252010-*         | 4000600-*XXE    | 4000301            |
|                        | \$3,144.00  | \$1,531.00                                | \$873.00         | \$450.00          | \$145.00        | \$145.00           |

<sup>\*</sup>Finish required, see page 92

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.



Note: All fire rated openings must have a minimum of one intermediate pivot. See page 110. Options on page 91.

## Standard Weight/Duty Quick Install -----

| Model | Complete Closer<br>Specify Model,<br>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<br>Case Pkg | Intermediate<br>Pivot |
|-------|--|--|------------------|-------------------|--------------------|--------------------|-----------------------|
|       | Q5103NBC<br>Q5104NBC   | Q5103NBC LAP<br>Q5104NBC LAP                             | 180              | 222050R*          | 4000501R*XXE       | 4000301            | M19                   |
|       | Q5105NBC   | Q5105NBC LAP   | 100              | 222050L*          | 4000501L*XXE       | 1000001            | 1110                  |
|       | \$2,847.00   | \$1,553.00   | \$286.00         | \$308.00          | \$145.00           | \$145.00           | \$410.00              |
|       | Q5103ABC   | Q5103ABC LAP   |                  | 222050R*          | 4000501R*XXE       | 4000301            | M19                   |
|       | Q5104ABC<br>Q5105ABC   | Q5104ABC   Q5104ABC LAP   180<br>Q5105ABC   Q5105ABC LAP |                  | 222050L*          | 4000501LXXE*       | 4000301            | 14119                 |
|       | \$2,908.00   | \$1,614.00   | \$286.00         | \$308.00          | \$145.00           | \$145.00           | \$410.00              |
|       | FQ5103NBC  | Q5103NBC LAP   | F180             | 222050R*          | 4000501R*XXE       | 4000301            | FM19                  |
|       | FQ5104NBC<br>FQ5105NBC   | Q5104NBC LAP<br>Q5105NBC LAP                             | F18U             | 222050L*          | 4000501L*XXE       |                    | 1 11113               |
|       | \$3,694.00   | \$1,553.00   | \$670.00         | \$308.00          | \$145.00           | \$145.00           | \$873.00              |
|       | QT5103NBC<br>QT5104NBC   | Q5103NBC LAP<br>Q5104NBC LAP                             | 180              | 222050R*          | N/A                | 4000301            | M19                   |
|       | QT5105NBC  | Q5104NBC LAP   | 160              | 222050L*          | IN/ A              | 4000301            |                       |
|       | \$2,702.00   | \$1,553.00   | \$286.00         | \$308.00          | -                  | \$145.00           | \$410.00              |
|       | QT5103ABC  | Q5103ABC LAP   | 100              | 222050R*          | N1/A               | 4000701            | M10                   |
|       | QT5104ABC<br>QT5105ABC   | Q5104ABC LAP<br>Q5105ABC LAP                             | 180              | 222050L*          | N/A                | 4000301            | M19                   |
|       | \$2,763.00   | \$1,614.00   | \$286.00         | \$308.00          | -                  | \$145.00           | \$410.00              |
|       | FQT5103NBC   | Q5103NBC LAP   | F100             | 222050R*          | N1/A               | 4000701            | EM10                  |
|       | FQT5104NBC<br>FQT5105NBC   | Q5104NBC LAP<br>Q5105NBC LAP                             | F180             | 222050L*          | N/A                | 4000301            | FM19                  |
|       | \$3,549.00   | \$1,553.00   | \$670.00         | \$308.00          | -                  | \$145.00           | \$873.00              |

\*Finish required, see page 92 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



Note: All fire rated openings must have a minimum of 3 hinges. Options on page 91.

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

| Model | Complete Closer<br>Specify Model,<br>Hand & Degree<br>(If Hold Open) | LAP Specify Model,<br>Hand & 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       | 4000701            |
| 0     | HM5104NBC<br>HM5105NBC   | 5105NBC LAP   | 234343 PK                | 222050L*HM        | 4000501L*XXE       | 4000301            |
|       | \$2,853.00   | \$1,456.00  | \$799.00                 | \$308.00          | \$145.00           | \$145.00           |
|       | HM5103ABC  | 5103ABC LAP   | 25.45.45*DIZ             | 222050R*HM        | 4000501R*XXE       | 4000701            |
|       | HM5104ABC<br>HM5105ABC   | 5104ABC LAP<br>5105ABC LAP                            | 254545*PK                | 222050L*HM        | 4000501L*XXE       | 4000301            |
|       | \$2,914.00   | \$1,517.00  | \$799.00                 | \$308.00          | \$145.00           | \$145.00           |
|       | FHM5103NBC   | 5103NBC LAP   | 25.45.45*DI/             | 222050R*HM        | 4000501R*XXE       | 4000701            |
|       | FHM5104NBC<br>FHM5105NBC   | 5104NBC LAP<br>5105NBC LAP                            | 254545*PK                | 222050L*HM        | 4000501L*XXE       | 4000301            |
|       | \$2,853.00   | \$1,456.00  | \$799.00                 | \$308.00          | \$145.00           | \$145.00           |

\*Finish required, see page 92

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 91.

## 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            |
|       | \$2,116.00   | \$1,456.00  | \$185.00         | \$185.00          | \$145.00           | \$145.00           |
|       | 5013ABC x 554<br>5014ABC x 554<br>5015ABC x 554                      | 5013ABC LAP<br>5014ABC LAP<br>5015ABC LAP             | 340              | 282554            | 4000600-*XXE       | 4000301            |
|       | \$2,177.00   | \$1,517.00  | \$185.00         | \$185.00          | \$145.00           | \$145.00           |
| 4     | 5013NBC<br>5014NBC<br>5015NBC  | 5013NBC LAP<br>5014NBC LAP<br>5015NBC LAP             | 340              | 282026*           | 4000600-*XXE       | 4000301            |
|       | \$2,116.00   | \$1,456.00  | \$185.00         | \$185.00          | \$145.00           | \$145.00           |
|       | 5013ABC<br>5014ABC<br>5015ABC  | 5013ABC LAP<br>5014ABC LAP<br>5015ABC LAP             | 340              | 282026*           | 4000600-*XXE       | 4000301            |
|       | \$2,177.00   | \$1,517.00  | \$185.00         | \$185.00          | \$145.00           | \$145.00           |

\*Finish required, see page 92 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 Center Hung Floor Closers**

Options on page 91.

Standard Weight/Duty Double Acting -

| Model                                   | Complete Closer<br>Specify Model,<br>Hand & Degree<br>(If Hold Open) | LAP Specify<br>Model, Hand &<br>Degree<br>(If Hold Open) | Top Pivot<br>Pkg | Bottom Arm Pkg | Floor Plate<br>Pkg | Cement Case<br>Pkg |
|---|--|--|------------------|----------------|--------------------|--------------------|
|   | 5023NBC<br>5024NBC<br>5025NBC  | 5023NBC LAP<br>5024NBC LAP<br>5025NBC LAP                | 340              | 282026*        | 4000600-*XXE       | 4000301            |
|   | \$2,215.00   | \$1,555.00   | \$185.00         | \$185.00       | \$145.00           | \$145.00           |
| *************************************** | 5023ABC<br>5024ABC<br>5025ABC  | 5023ABC LAP<br>5024ABC LAP<br>5025ABC LAP                | 340              | 282026*        | 4000600-*XXE       | 4000301            |
|   | \$2,276.00   | \$1,616.00   | \$185.00         | \$185.00       | \$145.00           | \$145.00           |

## Patch Fittings Single Acting -

|  | 1                             | ····· <b>J</b>   |           |              | <u> </u>     |             |
|--|-------------------------------|--|-----------|--------------|--------------|-------------|
| Model Complete Closer<br>Specify Model,<br>Hand & Degree<br>(If Hold Open) |                               | LAP Specify<br>Model, Hand &<br>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     |
|  | \$2,555.00                    | \$1,456.00   | \$398.00  | \$411.00     | \$145.00     | \$145.00    |
|  | 5043ABC<br>5044ABC<br>5045ABC | 5043ABC LAP<br>5044ABC LAP<br>5045ABC LAP                | 7494*PK   | 7495*PK      | 4000600-*XXE | 4000301     |
|  | \$2,616.00                    | \$1,517.00   | \$398.00  | \$411.00     | \$145.00     | \$145.00    |

\*Finish required, see page 92

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                | \$193.00 |
| 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.   | \$97.00  |
| Torx     | Security screws. Only provided for screws visible.   | \$320.00 |
| -20      | 20 minute UL listing for smoke doors. Do not prefix F.   | \$32.00  |
| SPLO     | E k  |          |
| 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 | \$184.00 |

### **Door Control Accessories**

|      | 2637*   | Cover Pan for 51 closer, specify depth.                            |                   |
|------|---------|--|-------------------|
|      | 2807D*  | Cover Pan for 53 closer, specify depth.                            | <b>41.77.4.00</b> |
|      | 2807B*  | Cover Pan for 50 closer x 554 flat arm, specify depth.             | \$1,334.00        |
|      | 2807A*  | Cover Pan for 50 closer, centering arm, specify depth.             |                   |
| Vo e | 60131   | Lock edge applied stop for center hung doors, specify finish       | \$99.00           |
|      | 1855051 | 50/51/53 Quickspotter. Quickspotter Installation Tool for 50/51/53 | \$132.00          |

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



## **Shallow Depth Floor Closers How To Order**

| 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<br>Rated<br>Doors W Wood Dr<br>(center<br>hung) | 510<br>530<br>531<br>501<br>502<br>504 | Offset Independently Hung Parallel to Frame Independently Hung Perpendicular to Frame Center Hung Single Acting Center Hung Double Acting Center Hung with Patch Fittings | 2 3 4 5             | NBC = Non-Hold<br>Open<br>ABC = Automatic<br>Hold Open<br>Specify<br>Degree | 554  1-1/2" -20  LAP  LFP  LCC  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 |



## **ASSA ABLOY**

Options, see page 95

**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 |
|----------|----------------------------------|----------------------|------------------|-------------------|--------------------|--------------------|
| 50       | 10<br>15                         | 10 LAP<br>15 LAP     | 101020*          | 102026-*          | 104020-*           | 103000*            |
| <u> </u> | \$1,476.00                       | \$854.00             | \$204.00         | \$145.00          | \$102.00           | \$171.00           |
|          | 12<br>16                         | 12 LAP<br>16 LAP     | 101020*          | 102026-*          | 104020-            | 103000-*           |
|          | \$1,400.00                       | \$778.00             | \$204.00         | \$145.00          | \$102.00           | \$171.00           |

## 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<br>Pkg |
|--------------------|----------------------------------|----------------------|------------------|-------------------|--------------------|--------------------|
|                    | 354                              | V07F40770 *          | 3541020-*        | 3542026-*         | N/A                | N/A                |
|                    | 355                              | X03540370-*          | 3551020-*        | 3542026*          | N/A                | N/A                |
|                    | \$1,814.00                       | \$1,156.00           | \$325.00         | \$333.00          | -                  | -                  |
|                    | 356                              | V075 40770 *         | 3541020-*        | 3562020-*         | N/A                | N/A                |
|                    | 357                              | X03540370-*          | 3551020-*        | 3562020*          | N/A                | N/A                |
|                    | \$1,814.00                       | \$1,156.00           | \$325.00         | \$333.00          | -                  | -                  |
| Independently Hung | 359                              | X03540370-*          | N/A              | 3592010-*         | N/A                | N/A                |
|                    | \$1,816.00                       | \$1,156.00           | -                | \$660.00          | -                  | -                  |

## Security Closers -

| Model | Complete Closer<br>Specify Model,<br>Hand |                | Top Pivot<br>Pkg | Bottom Arm<br>Pkg | Floor Plate<br>Pkg | Cement Case<br>Pkg |
|-------|---|----------------|------------------|-------------------|--------------------|--------------------|
|       | SEC27-180N                                | SEC27-180N LAP | FA180            | 252056R*          | 274056*            | 253001SEC          |
|       | 3LC27-10011                               | SLCZ/-IOON LAF | 1 A100           | 252056L*          | 274030             | 2330013LC          |
|       | \$4,061.00                                | \$1,675.00     | \$736.00         | \$269.00          | \$934.00           | \$447.00           |

\*Finish required, see page 95 Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Part



## **ASSA ABLOY**

### Exterior Gate Closer -----

| Model | Complete Closer<br>Specify Model |
|-------|----------------------------------|
|       | 1351                             |
|       | \$775.00                         |

\*Finish required, see page 95 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  |
|----------|---|--|
| PH       | 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. | \$116.00   |
| 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.                        | \$97.00  |
| SPLO     | Special layout that may require special templating and/or products  | Excluded<br>from buying<br>programs<br>- contact<br>factory for<br>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<br>(Hold Open)<br>Duo Chek<br>Duo Chek<br>(Hold Open)<br>Duo Chek<br>Gate<br>Gate<br>Gate<br>Gate<br>Gate<br>Gate<br>Security<br>Exterior Gate | Blank = Not<br>Applicable<br>N = Non-Hold<br>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 | 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 |
|                               |  |   |   |   |   | 690<br>691<br>693^<br>696<br>BSP<br>WSP                                    | Sprayed Dark Bronze Sprayed Light Bronze Sprayed Black Sprayed Brass Black Suede White Suede  |

<sup>^1351</sup> only available in 693



## **ASSA ABLOY**

## Roller Mate® Caster ••••••

| Model |  | Description                   | Price      |
|-------|--|-------------------------------|------------|
|       | 10600                                      | Single Roller Caster          | \$902.00   |
|       | 10602                                      | Double Roller Caster          | \$1,355.00 |
|       | 10600-025 for 10600<br>10600-028 for 10602 | Hollow Metal Reinforced Plate | \$274.00   |

## **Special Cement Cases**

| Model |       | Description  | Price    |
|-------|-------|--|----------|
|       | 1101  | Cement Case for use with expansion joints, handed                                      | \$616.00 |
|       | 79501 | Cement Case for use with shallow floors  | \$368.00 |
|       | 25204 | Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers | \$295.00 |
|       | 25304 | Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.    | \$295.00 |

### 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.      | \$910.00   |  |
|       | 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. |            |  |
|       | 2637*  | Cover Pan for 51 closer, specify depth, hand. 1-3/4 doors only.   |            |  |
|       | 2807D* | Cover Pan for 53 closer, specify depth, hand.                     | ¢1 77 4 00 |  |
|       | 2807B* | Cover Pan for 50 closer x 554 flat arm, specify depth, hand.      | \$1,334.00 |  |
|       | 2807A* | Cover Pan for 50 closer, centering arm, specify depth, hand.      |            |  |

<sup>\*</sup>Finish required, stainless steel or brass



## **ASSA ABLOY**

Applied Stop -

| Model |                         | Description  | Price       |
|-------|-------------------------|--|-------------|
|       | 60131<br>Specify Finish | Lock edge applied stop for single acting center hung doors | See Page 91 |

## Installation Tools -----

| Model |         | Description                                   | Price         |
|-------|---------|---|---------------|
|       | 2604    | Pivot Alignment Tool                          | Can David 115 |
| 1 V   | 2608    | Pivot Alignment Tool for H340 and H345        | See Page 115  |
|       | 1859001 | 27/28/30/40 Quickspotter Installation<br>Tool |               |
|       | 1859501 | Q27 Quickspotter Installation Tool            | See Page 84   |
|       | 1855051 | 50/51/53 Quickspotter Installation Tool       | See Page 91   |



# Overhead Concealed Closers Offset Commodity Grade

Options, see page 100

### 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<br>Package | Cover Plate<br>Pkg |
|-------|--|---|------------------------------|---------------------------|--------------------|
|       | 0608   | 608 LAP   | 608019                       | 06082012-*                | N/A                |
|       | \$898.00   | \$574.00  | \$63.00                      | \$261.00                  | -                  |
|       | M0608  | 608 LAP   | 608049PKG                    | 06082012-*                | 6084000*           |
|       | \$1,218.00   | \$574.00  | \$237.00                     | \$261.00                  | \$146.00           |
|       | MW0608   | 608 LAP   | 608049PKG                    | 06082012-*                | 6084000*           |
| 0 0 0 | \$1,218.00   | \$574.00  | \$237.00                     | \$261.00                  | \$146.00           |
|       | W0608  | 608 LAP   | 608049PKG                    | 06082012-*                | 6084000*           |
|       | \$1,218.00   | \$574.00  | \$237.00                     | \$261.00                  | \$146.00           |
|       | AW0608   | 608 LAP   | 608019                       | 06082012-*                | N/A                |
|       | \$898.00   | \$574.00  | \$63.00                      | \$261.00                  | -                  |

See model 547 pivot set on page 108 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, sprayed finishes only see page 100 - Arms are sprayed finishes only N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts



# Overhead Concealed Closers Center Hung Commodity Grade

Options, see page 100.

#### **Center Hung**

| Center Hung •                             |  |  |                             |                    |                         |                    |
|---|--|--|-----------------------------|--------------------|-------------------------|--------------------|
| Model                                     | Complete Closer<br>Specify Model and<br>Degree<br>(If Hold Open) | LAP Specify<br>Model and<br>Degree (If<br>Hold Open) | Mounting<br>Bracket/Channel | Top Arm<br>Package | Bottom Pivot<br>Package | Cover Plate<br>Pkg |
|   | 608EL  | 608 LAP  | 608019                      | 6002020            | 608011A                 | N/A                |
|   | \$907.00   | \$574.00   | \$63.00                     | \$92.00            | \$178.00                | -                  |
|   | 608SL  | 608 LAP  | 608019                      | 608005S            | 608011A                 | NA                 |
|   | \$907.00   | \$574.00   | \$63.00                     | \$92.00            | \$178.00                | -                  |
|   | M608   | 608 LAP  | 608049PKG                   | 6002020            | 608011A                 | 6084000*           |
|   | \$1,227.00   | \$574.00   | \$237.00                    | \$92.00            | \$178.00                | \$146.00           |
| 0 0 0                                     | MW608  | 608 LAP  | 608049PKG                   | 6002021            | 608011A                 | 6084000*           |
|   | \$1,227.00   | \$574.00   | \$237.00                    | \$92.00            | \$178.00                | \$146.00           |
| ( 2 6 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*           |
| [0 00]                                    | \$1,227.00   | \$574.00   | \$237.00                    | \$92.00            | \$178.00                | \$146.00           |
|   | AW608  | 608 LAP  | 608019                      | 6002021            | 608011A                 | N/A                |
|   | \$907.00   | \$574.00   | \$63.00                     | \$92.00            | \$178.00                | _                  |

\*Finish required, sprayed finishes only see page 100 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 | \$216.00 |

#### How To Order

|  | 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 Hum 0608 M0608 M0608 W0608 AW0608 Center Hum 608EL 608SL M608 MW608 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 | 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 ms Only 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 105

#### Offset Hung •

| Complete Closer<br>Specify Hand<br>and Finish | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626          | 605, 606,<br>613, 618,<br>619, 625 |  |
|---|---|--------------|------------------------------------|--|
| PH91NDCP                                      | ¢1 250 00                                     | ¢1.0.40.00   | ¢174600                            |  |
| 91NDCP  | \$1,256.00                                    | \$1,640.00   | \$1,746.00                         |  |
| PH91HDCP                                      | ¢1 27C 00                                     | ¢1.000.00    | ¢1.766.00                          |  |
| 91HDCP  | \$1,276.00                                    | \$1,660.00   | \$1,766.00                         |  |
| WPH91NDCP                                     | ¢1.756.00                                     | ¢1 740 00    | ¢1.0.4.C.0.0                       |  |
| W91NDCP                                       | \$1,356.00                                    | \$1,740.00   | \$1,846.00                         |  |
| WPH91HDCP                                     | \$1,376.00                                    | \$1,760.00   | ¢1,000,00                          |  |
| W91HDCP                                       |   |              | \$1,866.00                         |  |
| Less All Parts<br>Specify Hand<br>and Finish  | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626          | 605, 606,<br>613, 618,<br>619, 625 |  |
| PH91NDCP LAP                                  |   |              |                                    |  |
| 91NDCP LAP                                    |   |              |                                    |  |
| PH91HDCP LAP                                  |   |              |                                    |  |
| 91HDCP LAP                                    | ¢027.00                                       | ф1 7 4 7 O O | ¢1.470.00                          |  |
| PH91NDCP LAP                                  | \$923.00                                      | \$1,343.00   | \$1,430.00                         |  |
| 91NDCP LAP                                    |   |              |                                    |  |
| PH91HDCP LAP                                  |   |              |                                    |  |
| 91HDCP LAP                                    |   |              |                                    |  |

See model 547 pivot on page 108 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.

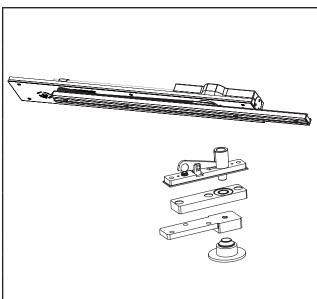
\*Finish required, see page 105 N = Non-Hold Open H = Hold Open LAP = Less All Parts



## **Overhead Concealed Closers Offset Architectural Grade**

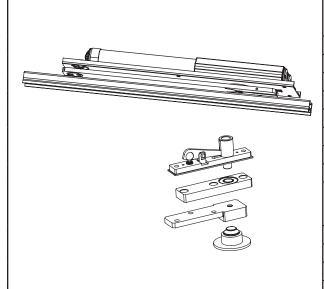
Options, see page 105

### **Center Hung Single Acting**



| Complete Closer<br>Specify Hand,<br>Finish | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |  |
|--|---|------------|------------------------------------|--|
| PH93N                                      | \$1,337.00                                    | \$1,721.00 | \$1,827.00                         |  |
| 93N  | \$1,337.00                                    | \$1,721.00 | \$1,627.00                         |  |
| PH93H                                      | \$1.367.00                                    | \$1.751.00 | \$1.857.00                         |  |
| 93H  | \$1,307.00                                    | \$1,731.00 | \$1,637.00                         |  |
| WPH93N                                     | \$1,337.00                                    | \$1,721.00 | \$1,827.00                         |  |
| W93N                                       | φ1,337.00                                     | \$1,721.00 | Ψ1,027.00                          |  |
| WPH93H                                     | \$1,367.00                                    | \$1,751.00 | \$1,857.00                         |  |
| W93H                                       | \$1,307.00                                    | \$1,731.00 | \$1,637.00                         |  |
| Complete Closer<br>Specify Hand,<br>Finish | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |  |
| PH93N LAP                                  |   |            |                                    |  |
| 93N LAP                                    | \$1,001.00                                    | \$1,421.00 | \$1,509.00                         |  |
| PH93H LAP                                  | \$1,001.00                                    | φ1,421.00  | φ1,309.00                          |  |
| 93H LAP                                    |   |            |                                    |  |

### **Center Hung Double Acting**



| Complete Closer<br>Specify Finish          | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |
|--|---|------------|------------------------------------|
| PH73N                                      | \$1,609.00                                    | \$1,993.00 | \$2,099.00                         |
| 73N  | \$1,009.00                                    | \$1,993.00 | \$2,099.00                         |
| PH73H                                      | ¢164400                                       | \$2,028.00 | \$2,134.00                         |
| 73H  | \$1,644.00                                    | \$2,026.00 | \$2,134.00                         |
| WPH73N                                     | \$1.609.00                                    | \$1,993.00 | \$2,099.00                         |
| W73N                                       | \$1,009.00                                    | \$1,993.00 | \$2,099.00                         |
| WPH73H                                     | \$1,644.00                                    | \$2,028.00 | \$2,134.00                         |
| W73H                                       | \$1,044.00                                    | \$2,020.00 | \$2,134.00                         |
| Complete Closer<br>Specify Hand,<br>Finish | 689, 690, 691,<br>693, 696, 613E,<br>BSP, WSP | 626        | 605, 606,<br>613, 618,<br>619, 625 |
| PH73N LAP                                  |   |            |                                    |
| 73N LAP                                    | \$1,273.00                                    | \$1.693.00 | \$1.781.00                         |
| PH73H LAP                                  | φ1,273.00                                     | φ1,033.00  | φ1,701.00                          |
| 73H LAP                                    |   |            |                                    |

## Center Hung Double Acting, Emergency Release



| Specify Finish | 693, 696, 613E,<br>BSP, WSP | 626        | 618, 619, 625 |  |  |
|----------------|-----------------------------|------------|---------------|--|--|
| 73ERN          | ¢1 470 00                   | \$1,916.00 | ¢2.077.00     |  |  |
| W73ERN         | \$1,479.00                  | \$1,916.00 | \$2,037.00    |  |  |
| 73ERH          | \$1.515.00                  | \$1.952.00 | ¢2.072.00     |  |  |
| W73ERH         | \$1,515.00                  | \$1,952.00 | \$2,072.00    |  |  |

N = Non-Hold Open H = Hold Open LAP = Less All Parts



# Overhead Concealed Closers Center Architectural Grade

Options, see page 105

## **Center Hung Single Acting**

| Model    | Complete<br>Closer Specify<br>Model Size,<br>Hand and<br>Degree | LAP Specify<br>Model Size,<br>Hand and<br>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                    |
|          | \$2,309.00  | \$1,866.00                                       | \$72.00                                   | \$157.00           | \$214.00                | -                      |
|          | M706<br>M707  | 706 LAP<br>707 LAP                               | 1929000                                   | 8002020            | 2183020                 | 7004000R               |
|          | M708  | 707 LAP<br>708 LAP                               | 1929000                                   | 8002020            | 2103020                 | 7004000L*              |
| ( 0··· ) | \$2,616.00  | \$1,866.00                                       | \$226.00                                  | \$157.00           | \$214.00                | \$153.00               |
|          | MW706<br>MW707  | 706 LAP<br>707 LAP                               | 1929000                                   | 8002021            | 2183020                 | 7004000R*              |
|          | MW708   | 708 LAP  | 1323000                                   | 0002021            | 2103020                 | 7004000L*              |
|          | \$2,662.00  | \$1,866.00                                       | \$226.00                                  | \$203.00           | \$214.00                | \$153.00               |
|          | W706  | 706 LAP  | 1000000                                   | 8002021            | 2107020                 | 7004000R*              |
| (D) (A)  | W707<br>W708  | 707 LAP<br>708 LAP                               | 1989000                                   | 6002021            | 2183020                 | 7004000L*              |
| اوهوا    | \$2,662.00  | \$1,866.00                                       | \$226.00                                  | \$203.00           | \$214.00                | \$153.00               |

\*Finish required, see page 105 N = Non-Hold open A = Automatic Hold Open LAP= Less All Parts



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

Options, see page 105

### Center Hung Double Acting -----

| Model | Complete<br>Closer Specify<br>Model Size and<br>Degree | LAP Specify<br>Model Size<br>and 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                    |
| (a)   | \$2,309.00   | \$1,866.00                              | \$72.00                                   | \$157.00           | \$214.00                | -                      |
|       | M806<br>M807<br>M808                                   | 806 LAP<br>807 LAP<br>808 LAP           | 1929000                                   | 8002020            | 2183020                 | 8004000*               |
|       | \$2,680.00   | \$1,866.00                              | \$226.00                                  | \$157.00           | \$214.00                | \$217.00               |
|       | MW806<br>MW807<br>MW808                                | 806 LAP<br>807 LAP<br>808 LAP           | 1929000                                   | 8002021            | 2183020                 | 8004000*               |
|       | \$2,726.00   | \$1,866.00                              | \$226.00                                  | \$203.00           | \$214.00                | \$217.00               |
|       | W806<br>W807<br>W808                                   | 806 LAP<br>807 LAP<br>808 LAP           | 1989000                                   | 8002021            | 2183020                 | 8004000*               |
|       | \$2,726.00   | \$1,866.00                              | \$226.00                                  | \$203.00           | \$214.00                | \$217.00               |

\*Finish required, see page 105 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 (91, 93, 608, 700 & 800 models only) | \$453.00  |
| 199           | Decorative end caps for center hung wood doors (608, 700 & 800 models only)     | \$110.00  |
| SPLO          | Special templating and products   | Excluded from buying programs - contact factory for pricing |

### How To Order

|                              | Architectural Grade Closer Models 700 & 800   |                            |  |  |                           |                  |  |                                 |  |  |
|------------------------------|---|----------------------------|--|--|---------------------------|------------------|--|---------------------------------|--|--|
| Model                        | M706 (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 | Aluminum Dr. & Fr Metal Dr & Fr Wood Dr & Metal Fr Wood Dr & Fr Acting 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 |  |                           | Blar<br>RH<br>LH | nk Dbl Acting<br>Right Hand<br>Left Hand | 689<br>690<br>691<br>696<br>BSP | Bright Brass Satin Brass Bright Bronze Satin Bronze Satin Bronze Dark Bronze Dark Oxidized Satin Bronze - Equivalent Bright Nickel Satin Nickel Flat Black Bright Chrome Satin Chrome ARMS Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede |  |

|   | Architectural Grade Closer Model 91 |                   |                                     |                                  |  |  |
|---|-------------------------------------|-------------------|-------------------------------------|----------------------------------|--|--|
| W91 (Model)   | N (Function)                        | DCP               | x 1/2"<br>Extended Spdl<br>(Suffix) | x RH<br>Hand                     | x 626<br>Finish  |  |
| 91 - 3-6 Spring<br>PH - 1-3 Spring<br>(ADA)<br>W - Wood Frame | N - Non-Hold Open<br>H - Hold Open  | Dress Cover Plate | 1/2" Extended<br>Spindle            | RH Right<br>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 Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede |  |



# **Overhead Concealed Closers Architectural Grade How to Order**

#### How To Order -

|  | Architectu                         | ural Grade Closer Mod               | del 93                        |   |
|--|------------------------------------|-------------------------------------|-------------------------------|---|
| 93 (Model)   | N (Function)                       | x 1/2"<br>Extended Spdl<br>(Suffix) | x RH<br>Hand                  | x 626<br>Finish   |
| 93 - Adjustable 3-6 Spring<br>PH - Adjustable 1-3 Spring (ADA)<br>W - Wood Frame | N - Non-Hold Open<br>H - Hold Open | 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 613 Dark Bronze 613E Dark Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede |

| Architectural Grade Closer Model 73  |                                    |   |  |  |
|--|------------------------------------|---|--|--|
| 73 (Model)   | N (Function)                       | x 626<br>Finish   |  |  |
| 73 - Adjustable 2-4 Spring<br>PH - Adjustable 1-3 Spring (ADA)<br>W - Wood Frame | N - Non-Hold Open<br>H - Hold Open | 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 693 Sprayed Black 696 Sprayed Brass 605 Bright Brass 606 Satin Brass 613 Dark Bronze 613E Dark Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede |  |  |



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

Options on page 115

Offset Hung Pivot Sets ----

| Mode     | el               | Description   | Painted    | Plated     |
|----------|------------------|---|------------|------------|
|          | 117-1/4          | 3/4 Offset (includes 180 top pivot)                               | N/A        | \$592.00   |
|          | 117              | 3/4 Offset (includes 180 top pivot)                               | N/A        |            |
|          | 117 x 1-1/20S    | 1-1/2 Offset (includes 180 x 1-1/20S top pivot)                   | N/A        | \$988.00   |
|          | F117             | Fire rated 3/4 Offset (includes F180 top pivot)                   | \$619.00   | \$1,041.00 |
|          | F117 x 1-1/20S   | Fire rated 1-1/2 Offset (includes F180 top pivot)                 | \$956.00   | \$1,553.00 |
| <u> </u> | 117-20           | 3/4 Offset x 20 min (includes 180 - 20 top pivot)                 | N/A        | \$616.00   |
|          | 173              | 3/4 Offset (includes 180 top pivot)                               | N/A        | \$397.00   |
|          | 147              | 3/4 Offset (includes 180 top pivot)                               | N/A        | \$834.00   |
| 630      | 147 x 1-1/20S    | 1-1/2 Offset (includes 180 x 1-1/20S top pivot)                   | N/A        | \$1,151.00 |
| 9        | F147             | Fire rated 3/4 Offset (includes F180 top pivot)                   | \$883.00   | \$1,262.00 |
|          | F147 x 1-1/20S   | Fire rated 1-1/2 Offset (includes F180 x 1-1/20S top pivot)       | \$1,179.00 | \$1,682.00 |
|          | 147-20           | 3/4 Offset x 20 min (includes 180-20 top pivot)                   | N/A        | \$855.00   |
|          | 147-20 x 1-1/20S | 1-1/2 Offset (includes 180-20 top pivot)                          | N/A        | \$1,161.00 |
| 6000     | L147             | 3/4 Offset x1-3/4 door (includes L180 top pivot)                  | N/A        | \$1,171.00 |
|          | L147             | 3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot) | N/A        | \$1,689.00 |
|          | FL147            | Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)     | \$1,212.00 | \$1,672.00 |
|          | L147-20          | 3/4 Offset x 1-3/4 door (includes L180-20 top pivot)              | N/A        | \$1,184.00 |

<sup>\*</sup>Finish required, see page 115



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

Options on page 115

Offset Hung Pivot Sets ----

| Mode | el                 | Description   | Painted    | Plated     |
|------|--------------------|---|------------|------------|
|      | 547                | 3/4 Offset (includes 2 each M190 intermediate pivots)                   | N/A        | \$937.00   |
|      | F547               | Fire rated 3/4 Offset (includes 2 each FM190 intermediate pivots)       | \$937.00   | \$1,321.00 |
|      | 165                | 3/4 Offset (includes 180 top pivot and 2 each M190 intermediate pivots) | N/A        | \$1,261.00 |
|      | 195                | 3/4 Offset (includes 180 top pivot)                                     | N/A        | \$817.00   |
|      | F195               | Fire rated 3/4 Offset (includes F180 top Pivot)                         | N/A        | \$1,245.00 |
| 6    | 117-1/2            | 3/4 Offset (includes 180 top pivot)                                     | N/A        | \$1,247.00 |
|      | 117-1/2 x 1-1/2OS  | 1-1/2 Offset (includes 180 x 1-1/20S top pivot)                         | N/A        | \$1,542.00 |
|      | 117-1/2-20         | 3/4 Offset 20 min (includes 180-20 top pivot)                           | N/A        | \$1,272.00 |
|      | F117-1/2           | Fire rated 3/4 Offset (includes F180 top pivot)                         | \$1,267.00 | \$1,553.00 |
|      | F117-1/2 x 1-1/2OS | Fire rated 1-1/2 Offset (includes F180 x 1-1/20S top pivot)             | \$1,580.00 | \$2,101.00 |
| So o | L117               | 3/4 Offset x 1-3/4 door (includes L180 top pivot)                       | N/A        | \$1,700.00 |
|      | L117               | 3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)       | N/A        | \$2,218.00 |
|      | FL117              | Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)           | \$1,746.00 | \$2,216.00 |
|      | L117-20            | 3/4 Offset x 20 min x 1-3/4 door (includes L180-20 top pivot)           | N/A        | \$1,724.00 |

<sup>\*</sup>Finish required, see page 115



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

Options on page 115

Offset Hung Top Pivot

| Мо   | del                 | Description                              | Painted  | Plated     |
|------|---------------------|--|----------|------------|
|      | 180                 | 3/4 Offset                               | N/A      | \$286.00   |
|      | 180 x 1-1/20S       | 1-1/2 Offset                             | N/A      | \$517.00   |
|      | H180                | 3/4 Offset                               | N/A      | \$368.00   |
|      | H180 x 1-1/20S      | 1-1/2 Offset                             | N/A      | \$583.00   |
|      | F180                | Fire rated 3/4 Offset                    | \$306.00 | \$670.00   |
| 6909 | F180 x 1-1/20S      | Fire rated 1-1/2 Offset                  | \$514.00 | \$1,081.00 |
|      | FH180               | Fire rated 3/4 Offset                    | \$398.00 | \$784.00   |
|      | 180-20              | 3/4 Offset x 20 min                      | N/A      | \$294.00   |
|      | 180-20 x 1-1/20S    | 1-1/2 Offset x 20 min                    | N/A      | \$505.00   |
|      | H180-20             | 3/4 Offset x 20 min                      | N/A      | \$389.00   |
| 000  | L180                | 3/4 Offset x 1-3/4 door                  | N/A      | \$464.00   |
| ÖÖ   | L180                | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$700.00   |
|      | L180-20             | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$467.00   |
|      | FL180               | Fire rated 3/4 Offset x 1-3/4 door only  | \$469.00 | \$981.00   |
|      | FA180               | 3/4 Offset                               | \$357.00 | \$736.00   |
| 207  | 180 x 102           | 3/4 Offset                               | N/A      | \$434.00   |
|      | 180 x 102 x 1-1/20S | 1-1/2 Offset                             | N/A      | \$665.00   |
|      | 280                 | 3/4 Offset                               | N/A      | \$387.00   |
|      | F280                | Fire rated 3/4 Offset                    | \$434.00 | \$871.00   |
|      | 280-20              | 3/4 Offset x 20 min                      | N/A      | \$403.00   |
|      | 380                 | 3/4 Offset                               | N/A      | \$387.00   |
| 000  | F380                | Fire rated 3/4 Offset                    | \$434.00 | \$855.00   |
|      | 380-20              | 3/4 Offset x 20 min                      | N/A      | \$403.00   |
| ^    | L380                | 3/4 Offset x 1-3/4 door only             | N/A      | \$649.00   |
|      | L380                | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$897.00   |
|      | FL380               | Fire rated 3/4 Offset x 1-3/4 door only  | \$691.00 | \$1,138.00 |
|      | L380-20             | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$667.00   |
|      | 480                 | 3/4 Offset                               | N/A      | \$473.00   |
|      | F480                | Fire rated 3/4 Offset                    | \$525.00 | \$974.00   |
|      | 480-20              | 3/4 Offset x 20 min                      | N/A      | \$505.00   |
|      | 680                 | 3/4 Offset                               | N/A      | \$519.00   |

<sup>\*</sup>Finish required, see page 115



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

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

#### Intermediate Pivots

| ntermediate |                 |  | Painted  | Plated     |  |
|-------------|-----------------|--|----------|------------|--|
| Model       |                 | Description                              | <u> </u> |            |  |
|             | M19             | 3/4 Offset                               | N/A      | \$410.00   |  |
|             | M19 x 1-1/20S   | 1-1/2 Offset                             | N/A      | \$608.00   |  |
|             | FM19            | Fire rated 3/4 Offset                    | \$438.00 | \$873.00   |  |
|             | FM19 x 1-1/20S  | Fire rated 1-1/2 Offset                  | \$657.00 | \$1,273.00 |  |
|             | M190            | 3/4 Offset                               | N/A      | \$498.00   |  |
|             | M190 x 1-1/20S  | 1-1/2 Offset                             | N/A      | \$694.00   |  |
|             | FM190           | Fire rated 3/4 Offset                    | \$547.00 | \$1,044.00 |  |
|             | FM190 x 1-1/20S | Fire rated 1-1/2 Offset                  | \$756.00 | \$1,267.00 |  |
|             | M19-20          | 3/4 Offset x 20 min                      | N/A      | \$406.00   |  |
|             |                 | 1-1/2 Offset x 20 min                    | N/A      | \$637.00   |  |
|             | M190-20         | 3/4 Offset x 20 min                      | N/A      | \$508.00   |  |
|             | ML19            | 3/4 Offset x 1-3/4 door only             | N/A      | \$585.00   |  |
|             | ML19            | 3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors | N/A      | \$831.00   |  |
|             | FML19           | Fire rated 3/4 Offset x 1-3/4 door only  | \$635.00 | \$1,226.00 |  |
|             | ML19-20         | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$615.00   |  |
|             | FA19            | 3/4 Offset                               | \$498.00 | \$945.00   |  |
|             | FA190           | 3/4 Offset                               | \$622.00 |            |  |
|             | 119             | 3/4 Offset                               | N/A      | \$300.00   |  |
|             | 219             | 3/4 Offset                               | N/A      | \$464.00   |  |
|             | 219-20          | 3/4 Offset x 20 min                      | N/A      | \$477.00   |  |
|             | 319             | 3/4 Offset                               | N/A      | \$455.00   |  |
|             | 319-20          | 3/4 Offset x 20 min                      | N/A      | \$508.00   |  |
|             | L319            | 3/4 Offset x 1-3/4 door only             | N/A      | \$751.00   |  |
|             | L319-20         | 3/4 Offset x 20 min x 1-3/4 door only    | N/A      | \$780.00   |  |
|             | 419             | 3/4 Offset                               | N/A      | \$541.00   |  |
|             | 419-20          | 3/4 Offset x 20 min                      | N/A      | \$564.00   |  |

<sup>\*</sup>Finish required, see page 115



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

#### Pocket Pivot -

| Model Nun | nber  | Description   | Painted  | Plated     |
|-----------|-------|---|----------|------------|
|           | F519  | Pocket Pivot  | \$615.00 | \$750.00   |
|           | EF519 | Electrified Power Transfer Pivot<br>Available in 4 wires only | NA       | \$1,391.00 |

#### **Electrified Intermediate Pivots**

| Model N | umber          | Description  | Price      |
|---------|----------------|--|------------|
|         | EFM19          | Fire Rated 3/4" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)   | \$1,540.00 |
|         | EM19 x 1-1/20S | 1-1/2" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)  | \$1,029.00 |
|         | EFML19         | Fire rated 3/4" Offset Power Transfer Pivot Heavy<br>Weight/High Traffic 1-3/4" Dr.<br>Specify number of wires (4, 6, 8, 12)         | \$2,327.00 |
|         | EML19          | 3/4" Offset Power Transfer Pivot Heavy Duty/Weight/<br>High Traffic 1-3/4 Dr<br>Specify number of wires (4, 6, 8, 12)                | \$1,646.00 |
|         | EML19-20       | 3/4" Offset Power Transfer Pivot, Heavy Duty/Weight/<br>High Traffic, 1-3/4" Door, 20 Minute<br>Specify number of wires (4, 6, 8,12) | \$1,676.00 |
|         | EM19           | 3/4" Offset Power Transfer Pivot<br>Specify number of wires (4, 6, 8, 12)  | \$726.00   |
|         | EM19U          | 3/4" Offset Power Transfer High Inrush Pivot (2 wires only) Electolynx not available   | \$1,400.00 |
|         | EFM19 x 1-1/2  | Fire Rated 1-1/2" Offset Power Transfer Pivot  | \$2,340.00 |

ElectroLynx add \$41.00. Specify # of wires (4, 6, 8, 12).

#### 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.

<sup>\*</sup>Finish required, see page 115



# **Pivots and Pivot Sets Center Hung Pivot Sets**

Options on page 115

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| Center Hung Pivo | C Sets       | T I   |            |
|------------------|--------------|---|------------|
| Model            | Г            | Description   | Price      |
|                  | 127-3/4      | Center Hung side jamb attached (includes 320 top pivot)       | \$387.00   |
|                  | 128-3/4      | Center Hung (includes 320 top pivot)                          | \$307.00   |
|                  | 370          | Center Hung (includes 340 top pivot)                          | \$572.00   |
|                  | 375          | Center Hung (includes 345 top pivot)                          | \$983.00   |
|                  | 117-3/4      | Center Hung (includes 340 top pivot)                          | \$1,176.00 |
|                  | H117-3/4     | Center Hung for doors 2" or greater (includes H340 top pivot) | 40.007.00  |
|                  | H117-3/4 587 | Center Hung for doors 1-3/4 (includes H340 top pivot)         | \$2,867.00 |
|                  | 178          | Patch fitting pivot (includes 7494 top pivot)                 | \$836.00   |
|                  | 176          | Center Hung Light Duty Pivot                                  | \$397.00   |

<sup>\*</sup>Finish required, see page 115

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

Options on page 115

## **Center Hung Top Pivots**

| Model |           | Description   | Price    |
|-------|-----------|---|----------|
|       | 320       | Center Hung   | \$192.00 |
|       | 340       | Center Hung   | \$185.00 |
|       | H340      | Center Hung   | ¢610.00  |
|       | 345       | Center Hung long throw pivot pin                          | \$610.00 |
|       | H345      | Center Hung long throw pivot pin                          | \$991.00 |
|       | 340 x AP3 | Center Hung gate pivot                                    | \$558.00 |
|       | 320 x 102 | Center Hung for deep reveal<br>(No finish plate included) | \$340.00 |
|       | 340 x 102 | Center Hung for deep reveal<br>(No finish plate included) | \$333.00 |

<sup>\*</sup>Finish required, see page 115



# **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<br>Pivot                         | \$794.00   |  |
|       | EH345 | Center Hung Longer Throw Pin Heavy Duty for<br>Taller Doors for Power Transfer | \$1,355.00 |  |

<sup>\*</sup>Finish required, see page 115

Specify # of wires (4,6,8,12) ElectroLynx add \$41.00.

#### 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. | \$72.00   |
|                  | 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  | \$132.00  |
| 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 \$53.00   |
| Torx             | Security Screws  | Pivot Set<br>Add \$262.00                                   |
| Torx             | Not available for center hung models   | Intermediate Pivots<br>Add \$171.00                         |
| SPLO             | Special layout that may require special templating and/or products   | Excluded from buying programs - contact factory for pricing |

#### Accessories •

| Мо | odel                                       | Description                   | Price      |
|----|--|-------------------------------|------------|
|    | 10600                                      | Single Roller Caster          | \$902.00   |
|    | 10602                                      | Double Roller Caster          | \$1,355.00 |
|    | 10600-025 for 10600<br>10600-028 for 10602 | Hollow Metal Reinforced Plate | \$274.00   |
|    | 10600-019                                  | End Cap                       | \$35.00    |
|    | 2604<br>2608 for H340 and<br>H345          | Pivot Alignment Tool          | \$132.00   |

#### How To Order

| F<br>Prefix           | L147<br>Model  |  | x 2-1/4" Door<br>Suffix  | <b>I</b>          | x RH<br>Hand                      |  | x 626<br>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 | 1-1/2OS<br>2"<br>2-1/4"<br>2-1/2"<br>3"<br>587<br>Ext Spdl<br>-20<br>LTP | 1-1/2" Offset  Door Thickness L Series Product Only  H Arm (H117-3/4)  ► Extended Spindle 20 Minute label Less Top Pivot # of Wires for Electrified Product Security Screws (Offset Only) 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 |



# **Checkmate® Stops and Holders Concealed Stops and Holders**

Options, see page 120

## 1 Series Concealed Heavy Duty (1)

|  | Mode     | ı         |       | Door Open                | ing (inches)          | Finishes   |                  |                                    |
|--|----------|-----------|-------|--------------------------|-----------------------|--|------------------|------------------------------------|
|  | Friction | Hold Open | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690,<br>691, 696, 652,<br>BSP, WSP,<br>613E | 606, 612,<br>630 | 605, 611,<br>618, 619,<br>622, 629 |
|  | 1-116    | 1-126     | 1-136 | *24-28                   | NA                    |  | \$446.00         | \$669.00                           |
|  | 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            | \$405.00   |                  |                                    |
|  | 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 (h)

| Model |           |          | Door Open                | ing (inches)          | Finishes                                      |                  |                                 |
|-------|-----------|----------|--------------------------|-----------------------|---|------------------|---------------------------------|
|       | Hold Open | Stop     | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, 652, BSP,<br>WSP, 613E | 606, 612,<br>630 | 605, 611, 618,<br>619, 622, 629 |
| 14    | 1ADJ-126  | 1ADJ-136 | *24-28                   | NA                    |   | \$467.00         | \$703.00                        |
|       | 1ADJ-226  | 1ADJ-236 | 28 1/16-33               | 30-36                 | \$427.00                                      |                  |                                 |
|       | 1ADJ-326  | 1ADJ-336 | 33 1/16-38               | 36 1/16-41            |   |                  |                                 |
|       | 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 (4)

|   | Model    |              |       |                    | Door Open                | ing (inches)          | Finishes   |                  |                                 |
|---|----------|--------------|-------|--------------------|--------------------------|-----------------------|--|------------------|---------------------------------|
|   | 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, 613E | 606, 612,<br>630 | 605, 611, 618,<br>619, 622, 629 |
|   | 2-116    | 2-126        | 2-136 | 2-146              | *18-24                   | NA                    | \$183.00   | \$217.00         | \$280.00                        |
| 7 | 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        |  |                  |                                 |
|   | 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     |       |                          | ing (inches)   | Finishes                                |  |
|----|-----------|-------|--------------------------|----------------|---|--|
|    | Hold Open | Stop  | **Butts<br>Offset Pivots | Center Hung    | 689, 690, 691, 696, 652, BSP, WSP, 613E |  |
| 14 | 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 | \$170.00                                |  |
|    | 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

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

<sup>\*\*</sup>Pricing for Offset 1-3/4 thick doors hung on standard  $4-1/2 \times 4-1/2$  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.



# **Checkmate® Stops and Holders Concealed Stops and Holders**

Options, see page 120

#### 6 Series Concealed Low Profile =

| Model |       | Door Openi               | ing (inches)          | Finishes                                 |               |                                    |
|-------|-------|--------------------------|-----------------------|--|---------------|------------------------------------|
|       | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, BSP, WSP,<br>613E | 606, 612, 630 | 605, 611,<br>618, 619,<br>622, 629 |
|       | 6-136 | *24-28                   | NA                    |  | \$600.00      | \$695.00                           |
|       | 6-236 | 28 1/16-33               | 30-36                 |  |               |                                    |
|       | 6-336 | 33 1/16-38               | 36 1/16-41            | \$555.00                                 |               |                                    |
|       | 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 -

|   | Model    |            | Door Open                | ing (inches)          | Finishes                                 |               |                            |  |
|---|----------|------------|--------------------------|-----------------------|--|---------------|----------------------------|--|
|   |          | Stop       | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690, 691,<br>696, BSP, WSP,<br>613E | 606, 612, 630 | 605, 611, 619,<br>622, 629 |  |
|   | 6ADJ-136 | *24-28     | NA                       |                       |  |               |                            |  |
|   |          | 6ADJ-236   | 28 1/16-33               | 30-36                 |  | \$626.00      | \$727.00                   |  |
| μ | ΙΙ       | 6ADJ-336   | 33 1/16-38               | 36 1/16-41            | \$584.00                                 |               |                            |  |
|   | 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  $4-1/2 \times 4-1/2$  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.



# **Checkmate® Stops and Holders Surface Stops and Holders**

Options, see page 120

## 7 Series Surface Heavy Duty -----

| M | odel      | Door Opening (inches)       | Finishes                           |  |
|---|-----------|-----------------------------|------------------------------------|--|
|   | Hold Open | **Butts or Offset<br>Pivots | 689, 690, 691, 696, BSP, WSP, 613E |  |
|   | 7-126     | 24-30                       |                                    |  |
|   | 7-226     | 30 1/16-34                  | \$ 411.00                          |  |
|   | 7-326     | 34 1/16-39                  | \$411.00                           |  |
|   | 7-426     | 39 1/16-48                  |                                    |  |

## 8 HD Series Surface Extra Heavy Duty 🅕 🛚

| Model    |           | Door Openir              | ng (inches)        |   | Finishes         |                  |
|----------|-----------|--------------------------|--------------------|---|------------------|------------------|
|          | Hold Open | **Butts<br>Offset Pivots | Center Hung Pivots | 689, 690,<br>691, 696,<br>BSP, WSP,<br>613E | 606, 612,<br>630 | 605, 622,<br>629 |
|          | 8-226     | 27-1/16 - 32-1/2         | 29-9/16 - 35       |   |                  |                  |
| 00       | 8-326     | 33-9/16 - 38-3/4         | 35-1/16 - 41-1/2   | \$566.00                                    | \$611.00         | \$711.00         |
|          | 8-426     | 38-13/16 - 42-1/2        | 41-9/16 - 45       | ,   |                  |                  |
| <b>8</b> | 8-526     | 42-9/16 - 48             | 45-1/16 - 48       |   |                  |                  |
|          | Stop      |                          |                    |   |                  |                  |
|          | 8-236     | 27-1/16 - 32-1/2         | 29-9/16 - 35       |   |                  |                  |
|          | 8-336     | 33-9/16 - 38-3/4         | 35-1/16 - 41-1/2   | \$506.00                                    | \$538.00         | \$636.00         |
|          | 8-436     | 38-13/16 - 42-1/2        | 41-9/16 - 45       |   |                  |                  |
|          | 8-536     | 42-9/16 - 48             | 45-1/16 - 48       |   |                  |                  |

<sup>\*\*</sup>Pricing for Offset 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.



# **Checkmate® Stops and Holders Surface Stops and Holders**

Options, see page 120

## 9

| ) | Series | Surface | Heavy | Duty | ( |
|---|--------|---------|-------|------|---|
|   |        |         | Model |      |   |

| Mode | Open     |       |       | Door Open                | ing (inches)          | Finishes  |                  |                                 |
|------|----------|-------|-------|--------------------------|-----------------------|---|------------------|---------------------------------|
|      | Friction |       | Stop  | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690,<br>691, 696,<br>652, BSP,<br>WSP,<br>613E | 606, 612,<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                 |   |                  |                                 |
|      | 9-316    | 9-326 | 9-336 | 33 1/16-38               | 36 1/16-41            | \$538.00  | \$579.00         | \$674.00                        |
|      | 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            |   |                  |                                 |

## 9ADJ Series Surface Adjustable Heavy Duty (4)

| Model | Model        |          |                          |                       | Finishes   |                  |                                    |
|-------|--------------|----------|--------------------------|-----------------------|--|------------------|------------------------------------|
|       | Hold<br>Open | Stop     | **Butts<br>Offset Pivots | Center Hung<br>Pivots | 689, 690,<br>691, 696,<br>652, BSP,<br>WSP, 613E | 606, 612,<br>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                 |  |                  |                                    |
|       | 9ADJ-326     | 9ADJ-336 | 33 1/16-38               | 36 1/16-41            | \$561.00   | \$603.00         | \$709.00                           |
|       | 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 (1)

| Model    |              |        |                    |                          | Door Opening (inches) |   | Finishes |                                    |
|----------|--------------|--------|--------------------|--------------------------|-----------------------|---|----------|------------------------------------|
| 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, 613E |          | 605, 611,<br>618, 619,<br>622, 629 |
| 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            |   |          |                                    |
| 10-316   | 10-326       | 10-336 | 10-346             | 30 1/16-36               | 32 1/16-38 1/2        | \$217.00  | \$274.00 | \$333.00                           |
| 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 Openin              | ng (inches)    | Finishes                                   |
|-------|--------------|--------|--------------------------|----------------|--|
|       | Hold<br>Open | Stop   | **Butts<br>Offset Pivots | Center Hung    | 689, 690, 691, 696, 652, BSP, WSP,<br>613E |
|       | 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 | \$170.00                                   |
|       | 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

<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 \$34.00   |
|     | TORX   | Security Screws. All Models. Only provided for screws visible.     | Add \$130.00  |
|     | 5458*  | LH Flush Mounting Brackets Models 8 & 9                            |   |
| 000 | 5459*  | RH Flush Mounting Brackets Models 8 & 9                            | \$84.00   |
|     | 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 6 ADJ Low Profile Concealed 6 Adjustable 7 Surf Cantilever Holder 8HD Extra Hvy Dty Dbl Leve 9 Hvy Dty Surface 9ADJ Hvy Dty Surface Adj 10 Std Dty Surface Std Dty Surface | 3<br>4<br>5<br>See<br>Catalog | 1 Friction<br>2 Holder<br>3 Stop<br>4 Multi<br>function |             | LS<br>Torx<br>ARM<br>SPLO# | Less Spring Security Screws Arm Only Special Layout | 605<br>606<br>611<br>612<br>618<br>619<br>622<br>629<br>630<br>652<br>689<br>690<br>691<br>696<br>BSP<br>WSP<br>613E | Bright Brass Satin Brass Bright Bronze Satin Bronze Bright Nickel Satin Nickel Flat Black Bright Stainless Satin Stainless Satin Chrome on Steel Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede White Suede Dark Oxidized Satin Bronze - equivalent |



## **Complete Thresholds**

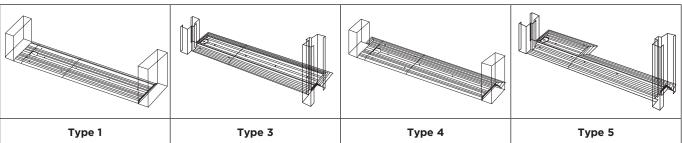
Note: Threshold prices include preparations for Rixson floor closers and pivots. Add \$100 to threshold prepped for any other manufacturers product

#### Sizes -

| Materials               | Sizes Available         | Single Doors<br>to 36" | Pair of Doors<br>to 72" | Add Per Inch |
|-------------------------|-------------------------|------------------------|-------------------------|--------------|
| Mill Aluminum           | 400, 500, 600, 700, 800 | \$881.00               | \$1,762.00              | \$24.80      |
| Polished Aluminum       | 400, 500, 600, 700, 800 | \$1,107.00             | \$2,214.00              | \$31.50      |
| Mill Bronze             | 400, 500, 600, 700, 800 | \$2,413.00             | \$4,826.00              | \$69.00      |
| 605, 606, 613 on Bronze | 400, 500, 600, 700, 800 | \$3,316.00             | \$6,632.00              | \$89.00      |

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

## **Types**



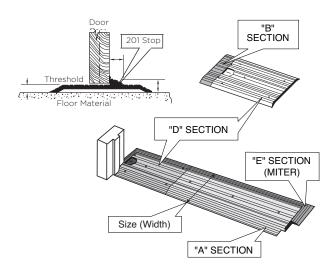


# **Thresholds** Component

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 | \$24.80 per inch |
| A Section Polished Aluminum       | 400, 500, 600, 700, 800 | \$31.50 per inch |
| A Section Mill Bronze             | 400, 500, 600, 700, 800 | \$69.30 per inch |
| B Section Mill Aluminum           | 600, 700, 800           | \$92.00          |
| B Section Polished Aluminum       | 600, 700, 800           | \$114.00         |
| B Section Mill Bronze             | 400, 500, 600, 700, 800 | \$248.00         |
| B Section 605, 606, 613 on Bronze | 700, 800                | \$229.00         |
| D Section Mill Aluminum           | 700, 800                | \$339.00         |
| D Section Polished Aluminum       | 700, 800                | \$450.00         |
| D Section Mill Bronze             | 700, 800                | \$787.00         |
| D Section 605, 606, 613 on Bronze | 400, 500, 600, 700, 800 | \$1,004.00       |
| E Section Mill Aluminum           |                         | \$200.00         |
| E Section Polished Aluminum       |                         | \$232.00         |
| E Section Mill Bronze             |                         | \$266.00         |
| E Section 605, 606, 613 on Bronze |                         | \$324.00         |



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# **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

| Quick | Reference | <b>Options</b> |
|-------|-----------|----------------|
|-------|-----------|----------------|

|  | 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   | antity and location                 | Consult Factory   |
|  | MSES          | Motal Carous and Expansion Chiefes   | Single Opening                      | \$9.30  |
|  | IYISES        | Metal Screws and Expansion Shields   | Double Opening                      | \$18.60   |
| Characteristic and Characteristi | 201           | Aluminum . ADD \$3.80 per inch to list of threshold Bronze ADD \$22.80 per inch to list of threshold 605 ADD \$27.40 per inch to list of threshold 613 ADD \$32.00 per inch to list of threshold 606 ADD \$26.30 per inch to list of threshold |                                     |   |
|  | 301           | Step Down; not available for type 5  |                                     | Add \$11.40 to<br>standard door<br>width thresholds<br>\$2.30 per<br>extra inch |
| (स्वयानीसम्बद्धाः  | 501           | Step Down; not available for type 5  |                                     | Add \$11.40 to<br>standard door<br>width thresholds<br>\$2.30 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 bu contact factory fo |   |

#### 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) or 201 stop strip | 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) | ord                          | nnot be<br>dered<br>h 5 type | Blank Pair<br>RH Right<br>LH Left |                             | AL Mill Aluminum BZ Mill Bronze 605 Polished Brass 606 Satin Brass 613 Bronze |





## **Electromagnetic Door Holder/** Releases

Options, see page 125

## **Electromagnet Door Holder/Releases**

| Model |       | Description                            | Price          |  |
|-------|-------|--|----------------|--|
|       | 980M  | Floor Mounted                          | \$1,028.00     |  |
|       | 981M  | Floor Mounted Back to Back Doors       | \$1,355.00     |  |
|       | 989   | Low Projection Wall                    | \$535.00       |  |
|       | 990M  | Low Projection Wall                    | \$579.00       |  |
|       | 991M  | Hazardous Location Wall                | \$979.00       |  |
|       | 993M  | High Hold Wall (with switch)*          | ¢1107.00       |  |
|       | 9930M | High Hold Floor Mounted (with switch)* | \$1,127.00     |  |
|       | 994M  | Wall Mounted Adjustable Armature       | \$579.00       |  |
|       | 996M  | Surface Mounted                        | \$613.00       |  |
|       | 997M  | Wall Mounted                           | <b>4570.00</b> |  |
|       | 998M  | Wall Mounted                           | \$579.00       |  |
|       | 999M  | Universal Wall Mounted                 | \$775.00       |  |
|       | 972H  | Swinging Door                          |                |  |
|       | 972S  | Sliding Door                           | \$1,138.00     |  |
|       | 972U  | Overhead Door                          |                |  |

<sup>\*</sup> With no switch option, deduct \$67.00



# **Electromagnetic Door Holder/Releases Options How to Order**

### **Options**

| Model      |         | Description                                | Price    |
|------------|---------|--|----------|
|            | 996XK   | 1-1/2" Wall Extension/conversion kit       | \$142.00 |
|            | 900     | Armature Extension Base 1-1/2"             | \$116.00 |
| 1/2 (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     | \$61.00  |
| 1 (25)     | 900-100 | 1" Spacer MUST BE USED WITH 900 BASE       |          |
| 2 (51)     | 900-200 | 2" Spacer MUST BE USED WITH 900 BASE       |          |
| 3<br>(76)  | 900-300 | 3" Spacer MUST BE USED WITH 900 BASE       |          |
| 4 (102)    | 900-400 | 4" Spacer MUST BE USED WITH 900 BASE       | ¢7.ς ο ο |
| (127)      | 900-500 | 5" Spacer MUST BE USED WITH 900 BASE       | \$76.00  |
| 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       |          |
| 1-1/2 (38) | 900-Z   | 90° Bend Spacer MUST BE USED WITH 900 BASE | \$116.00 |

### How To Order

|  | 998M<br>Series   | х  | x 689<br>Finish   |
|--|--|--|---|
| 980M<br>981M<br>989<br>990M<br>991M<br>993M<br>9930M<br>994M<br>996M<br>997M<br>998M<br>999M<br>972H<br>972S<br>972U | Floor Mounted Floor Mounted Back to Back Doors Low Projection Wall Mounted Low Projection Wall Mounted Hazardous Location Mounted High Hold Wall Mounted | Blank Tri-volt  For single voltage higher holding force products specify: 24VAC 24V/DC 12VDC 12VAC 120VAC 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 |



# Electrified Closer/Holders Options How to Order

#### Smok Chek® V

| Model |      | Description   | Price      |
|-------|------|---|------------|
| 0600  |      | Non-Detectored Pull Side Mounting                         |            |
|       | 0601 | Non-Detectored Push Side Mounting                         | \$1,248.00 |
| 0602  |      | Non-Detectored Holder on Pull Side Closer on Push<br>Side |            |
| 0100  |      | Non-Detectored Pull Side Mounting Holder Only             | \$1,121.00 |
| 0101  |      | Non-Detectored Push Side Mounting Holder Only             | \$1,121.00 |

## **Quick Reference Options**

| Suffix | Description                       | Price              |
|--------|-----------------------------------|--------------------|
| LC     | Less Closer                       | Deduct<br>\$384.00 |
| TORX   | Torx Screws                       | Add \$127.00       |
| 550789 | 550789 Deep Reveal/180° Swing Arm | \$421.00           |

#### How To Order

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



# **Electrified Closer/Holders Options How to Order**

#### Smok Chek® VI -

| Model |        | Description                       | Price      |
|-------|--------|-----------------------------------|------------|
|       | 4 PULL | Non-Detectored Pull Side Mounting | 44.000.00  |
|       | 4 PUSH | Non-Detectored Push Side Mounting | \$1,962.00 |

### **Quick Reference Options**

| Prefix |                                    | Price        |
|--------|------------------------------------|--------------|
| FS     | Free Swing Arm (Pull Side Only)    | Add \$56.00  |
| DE     | Double Egress Arm (Pull Side Only) | Add \$89.00  |
| Suffix |                                    |              |
| Torx   | Security Screws                    | Add \$127.00 |

### How To Order -

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





## **Electrified Holders How to Order**

#### CHECKMATE® 99

| Model |        | Description                       | Price          |
|-------|--------|-----------------------------------|----------------|
|       | 99-726 | Non-Detectored Push Side Mounting | <b>4710.00</b> |
|       | 99-926 | Non-Detectored Pull Side Mounting | \$710.00       |

#### How To Order ---

|        | 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          |
|        |                                   |                    |     |                      |

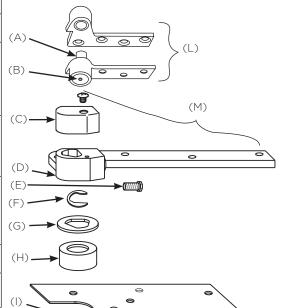
## **ASSA ABLOY**

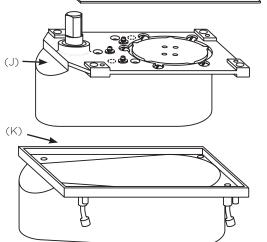
#### Model 27 =

Right Hand Shown 3/4" Offset

| (A) Pivot Stud<br>181770-ASY  | \$10.00  |
|---|----------|
| (B) Hex Cap<br>181778-*   | \$10.50  |
| (C) Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$61.20  |
| (D) 3/4" Offset Arm x<br>Locking Screw<br>275177 (RH)<br>275176 (LH)  | \$122.00 |
| (E) Arm Locking Screw<br>Only<br>88905-PKG (5)<br>(F) Arm Shims<br>275065-PKG (5)                                 | \$45.90  |
| (G) Arm Bearing Washer<br>275062-PKG (5)  | \$24.20  |
| (H) Spindle Shoulder<br>Collar 259000-*   | \$40.40  |

| 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 75 |
| 1-1/2" Offset Arm x<br>Locking Screw<br>275167-*  | \$190.00       |
| 1-1/2" Bottom Arm<br>Package<br>252060R*<br>252060L*  | See Page<br>75 |





| (L) 3/4" Offset Top Pivot<br>Assembly<br>180 (standard)<br>F180 Fire Rated<br>180-20 (20 minutes)  | See<br>Page<br>109 |
|--|--------------------|
| (M) Bottom Arm Package 252050R* (RH) 252050L* (LH) Package includes: arm locking screw, arm cap and screw, spindle shoulder collar and attaching screws.  (I) Floor Plate x Screws 274050R* (RH) NHO/AHO 274050L* (LH) NHO/AHO 274750R* (RH) SHO 274750L* (LH) SHO | See<br>Page<br>75  |
| (J) Closer Body<br>LAP Specify Complete<br>Model   |                    |
| (K) Cement Case x  |                    |

| Screw Kits  |         |
|---|---------|
| 180 Top Pivot Screw Kit<br>107014-* Machine (2)<br>Req<br>107114-* Wood (2) Req |         |
| Arm Screw Kit<br>107044 Machine<br>107144 Wood                                  | \$10.20 |
| Floor Plate Screw Kit<br>107004 -*  |         |
| Cement Case Screw Kit<br>107046   |         |

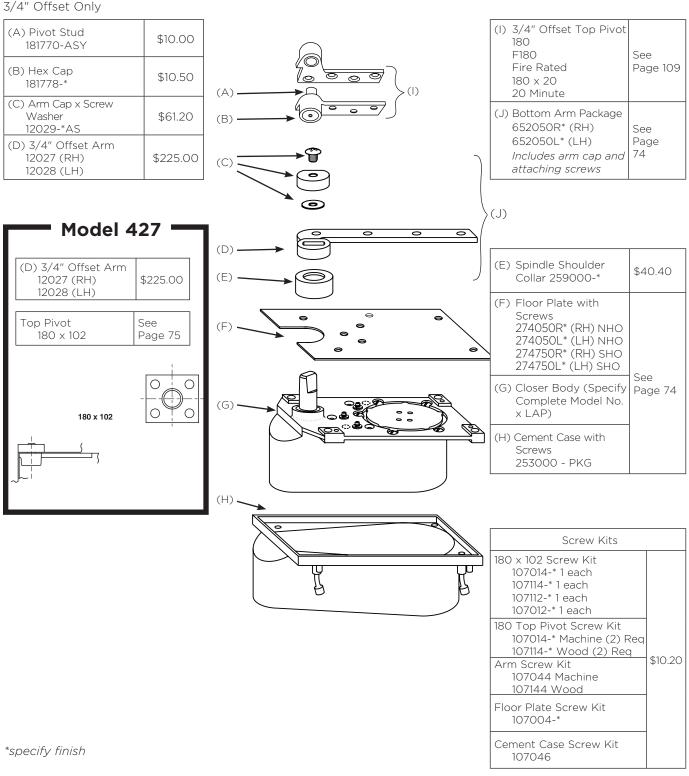
Screws 253000-PKG

\*specify finish

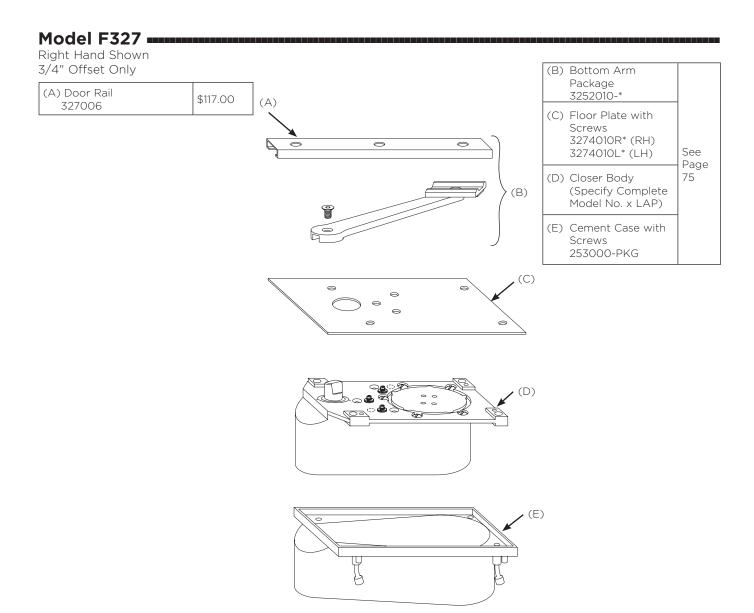


#### Models 127/427

Right Hand Shown 3/4" Offset Only





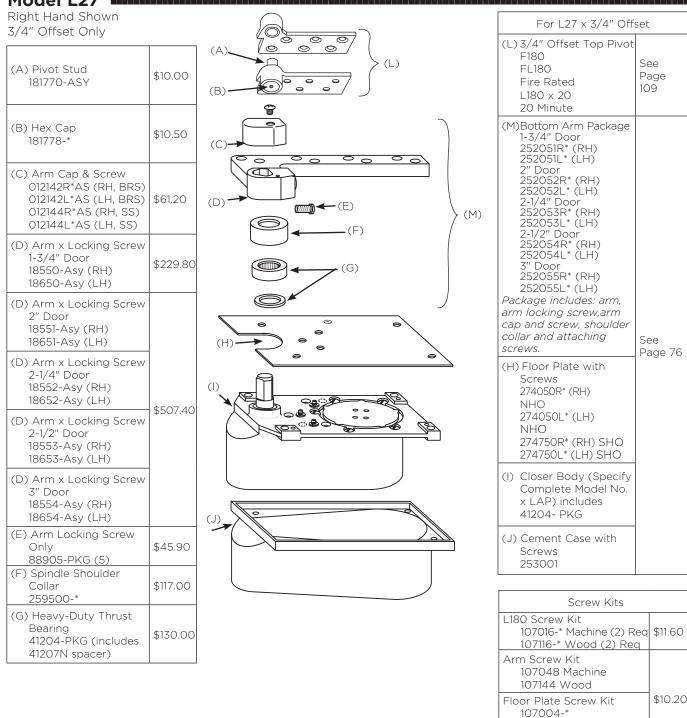


| Screw Kits                        |         |
|-----------------------------------|---------|
| Slide Track Screw Kit<br>107033   |         |
| Floor Plate Screw Kit<br>107004-* | \$10.20 |
| Cement Case Screw Kit<br>107046   |         |

\*specify finish



Model L27



\*specify finish

Cement Case Screw Kit

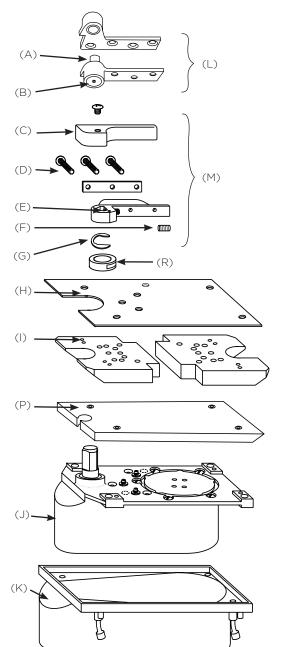
107046

## **ASSA ABLOY**

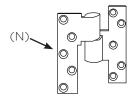
Model Q27/QT27

Right Hand Shown 3/4" Offset Only

| (A) Pivot Stud<br>181770-ASY  | \$10.00  |
|---|----------|
| (B) Hex Cap<br>181778-*   | \$10.50  |
| (C) Arm Cap & Screw<br>73035R*AS (RH)<br>73035L*AS (LH)                                   | \$61.20  |
| (D) Arm Mounting<br>Screws and Plate<br>73014-*   | \$10.20  |
| (E) Removable Arm<br>73001R-ASY (RH)<br>73001R-ASY (RH)                                   | \$231.00 |
| (F) Arm Locking Screw<br>Only - 88905-PKG<br>(5)  | \$45.90  |
| (G) Arm Washer/Shim<br>Package - 275179<br>Includes 275065<br>and 275178 Torque<br>Washer | \$46.90  |
| (I) Q27 Styrofoam Filler<br>73009   | \$49.20  |
| (P) QT Styrofoam Filler<br>73017  | \$10.20  |
| (R) Spindle Shoulder<br>Collar 259000-*   | \$40.40  |



| For Q27/QT27 x 3/4" Off  | fset               |
|--|--------------------|
| (L) 3/4" Offset Top Pivot<br>180<br>F180<br>Fire Rated<br>180 x 20<br>20 Minute  | See<br>Page<br>109 |
| (M)Bottom Arm Package<br>222050R* (RH)<br>222050L* (LH)<br>Package includes: arm, arm<br>locking screw, arm cap<br>and screw, arm mounting<br>plate, shoulder collar and<br>attaching screws | See<br>Page<br>77  |
| 3/4" Offset Intermediate<br>Pivot<br>M19<br>FM19<br>M19-20   | See<br>Page<br>110 |
| (N) M19 Intermediate Pivot<br>Screw Kit<br>107015-* Machine (2 Req)<br>107115-* Wood (2 Req)   | \$10.20            |



Intermediate Pivot

| (H) Q Floor Plate with<br>Screws<br>294050R* (RH)<br>NHO<br>294050L* (LH)<br>NHO<br>294750R* (RH) |                   |
|---|-------------------|
| SHO<br>294750L* (LH)<br>SHO   | See<br>Page<br>77 |
| (J) Closer Body<br>(Specify Complete<br>Model No. x LAP)  |                   |
| (K) Cement Case with<br>Screws 253000-PKG   |                   |

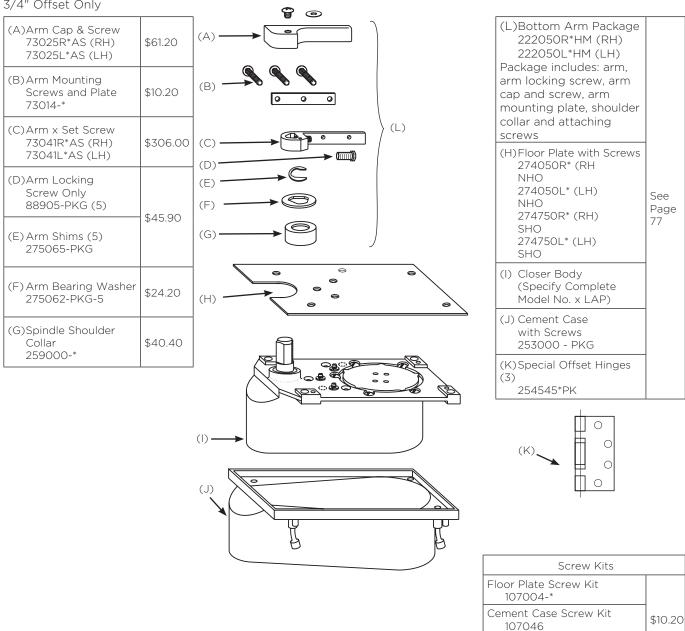
| Screw Kits  |         |
|---|---------|
| 180 Screw Kit<br>107014-* Machine (2) Req<br>107114-* Wood (2) Req<br>Q Floor Plate Screw Kit<br>107010-* | \$10.20 |
| Cement Case Screw Kit<br>107046   |         |

\*specify finish



#### Model HM27

Right Hand Shown 3/4" Offset Only



\*specify finish

Hinge screw kit 107519-\*

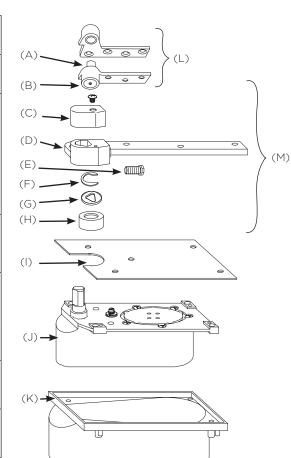
# Medium-Weight Floor Closers Parts Drawings

## **ASSA ABLOY**

### Model 20 =

Right Hand Shown 3/4" Offset Only

| ′   |   |          |
|-----|---|----------|
| (A) | Pivot Stud<br>181770-ASY  | \$10.00  |
| (B) | Hex Cap<br>181778-*   | \$10.50  |
| (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) | \$61.20  |
| (D) | 3/4" Offset Arm x<br>Locking Screw<br>275177 (RH)<br>275176 (LH)  | \$122.00 |
| (E) | Arm Locking<br>Screw Only<br>88905-PKG (5)  | \$45.90  |
| (F) | Arm Shims<br>275065-PKG (5)   |          |
| (G) | Arm Bearing<br>Washer<br>275062-PKG (5)   | \$24.20  |
| (H) | Spindle Shoulder<br>Collar<br>259000-*  | \$40.40  |

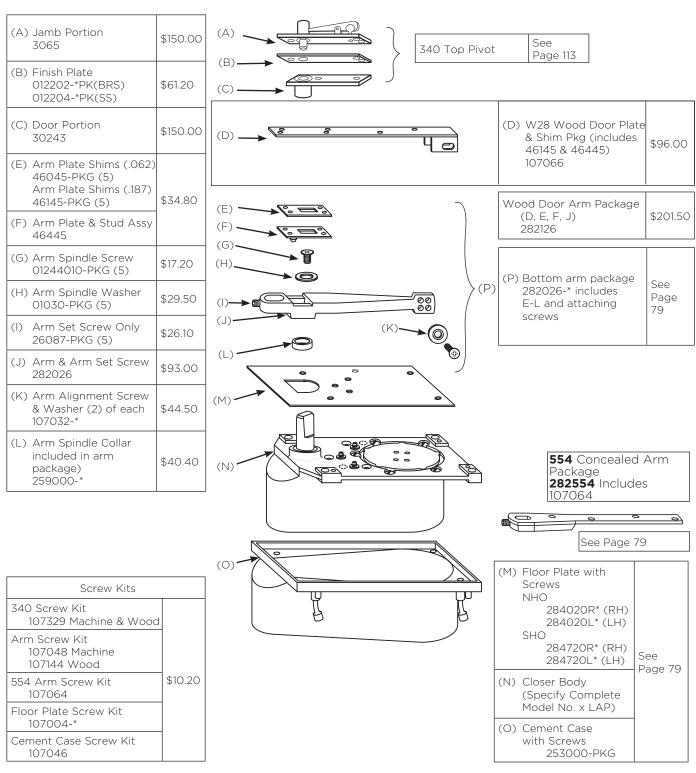


| (L) 3/4" Offset Top Pivot<br>180<br>FL180<br>Fire Rated<br>180 - 20<br>20 Minute  | See<br>Page<br>109 |
|---|--------------------|
| (M)Bottom Arm Package 252050R* (RH) 252050L* (LH) Package includes: arm, arm locking screw,arm cap and screw, shoulder collar and attaching screws.  (I) Floor Plate with | See                |
| Screws<br>204050-*<br>(J) Closer Body (Specify<br>Complete Model No.  | Page<br>78         |
| x LAP)  (K) Cement Case with 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 | \$10.20 |
| Floor Plate Screw Kit<br>107004-*                                  |         |
| Cement Case Screw Kit<br>107046                                    |         |



### Model 28



\*specify finish



**ASSA ABLOY** 

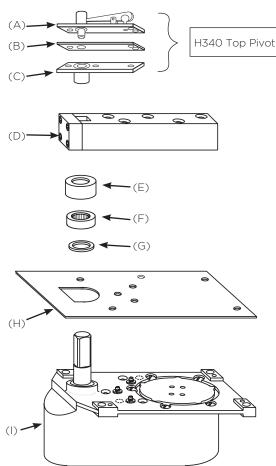
# **Heavy-Duty Floor Closers Parts Drawings**

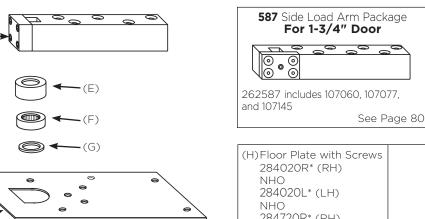
See

Page 113

### Model H28 ■

| (A)Jamb Portion<br>308548  | \$523.00          |
|--|-------------------|
| (B)Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS)   | \$61.20           |
| (C)Door Portion<br>30141   | \$523.00          |
| (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>80 |
| (E) Arm Spindle Collar<br>259500-*   | \$117.00          |
| (F) Heavy-Duty Thrust<br>Bearing 41204-PKG   | \$130.00          |
| (G)Arm Shim Kit<br>107060  | \$14.10           |





|     | 284020L* (LH)<br>NHO<br>284720R* (RH)<br>SHO<br>284720L* (LH)<br>SHO        | See<br>Page |
|-----|---|-------------|
| (1) | Closer Body<br>(Specify Complete<br>Model No. x LAP)<br>includes 41204- PKG | 80          |
| (J) | Cement Case<br>with Screws<br>253001 - PKG                                  |             |

| <br>Screw Kits                                       |                    |
|--|--------------------|
| H340 Screw Kit<br>107329 Machine &<br>Wood           | \$10.20            |
| 587 Arm Screw Kit<br>107077 Machine<br>107145-* Wood | \$16.70<br>\$10.20 |
| Arm Screw Kit<br>107045 Machine<br>107145 Wood       |                    |
| Floor Plate Screw Kit<br>107004-*                    | \$10.20            |
| Cement Case Screw Kit                                |                    |

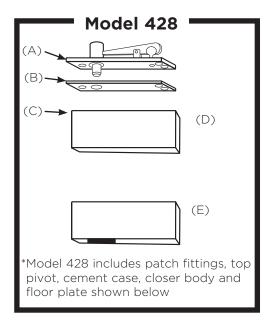
\*specify finish

107046



### Model 328/428 |

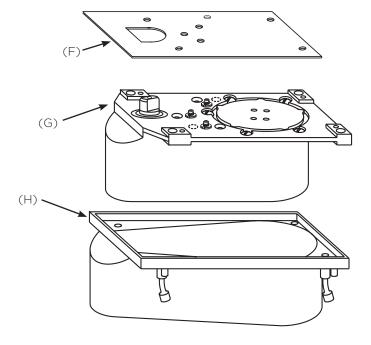
| (A)Jamb Portion<br>42801                               | \$150.00 |
|--|----------|
| (B)Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$61.20  |
| (C)Door Portion<br>7495 - *                            | \$214.00 |
| Bottom Insert Pivot<br>74101                           | \$57.60  |
| Top Pivot Insert<br>74102                              | φ37.60   |



- (D) Top Patch 7494-\* PK (includes items C & K) (E) Bottom Patch 7495-\* PK
- (includes items C & J)
- (F) Floor Plate with Screws NHO -284020R\* (RH) 284020L\* (LH)

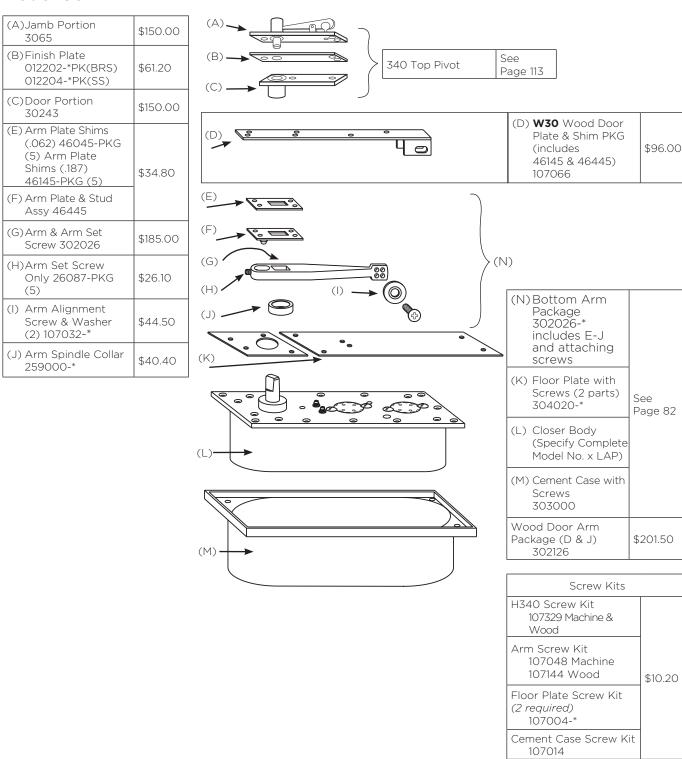
SHO-284720R\* (RH) 284720L\* (LH) See Page 81

- (G) Closer Body (Specify Complete Model No. x LAP)
- (H) 253000-PKG Cement Case with Screws



# ASSA ABLOY

### Model 30





### Model 40 -

| (A)Jamb Portion<br>3065                                | \$150.00 | (A)  |                |
|--|----------|--|----------------|
| (B)Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$61.20  | (B) 340 Top Pivot See Page 113                     |                |
| (C)Door Portion<br>30243                               | \$150.00 | Wood Door Arm<br>Package (D & G)<br>302126         | \$201.50       |
| (E) Arm Plate Shims (.062)<br>46045-PKG (5)            |          | (D) W40 Wood Door                                  |                |
| (E) Arm Plate Shims (.187)<br>46145-PKG (5)            | \$34.80  | Plate & Shim PKG (includes 46145 & 46445)          | \$96.00        |
| (F) Arm Plate & Stud Assy<br>46445                     |          | 107066   |                |
| (G)Arm & Arm Set Screw<br>302026                       | \$185.00 | (E) (N) Bottom Arm Package                         |                |
| (H)Arm Set Screw Only<br>26087-PKG (5)                 | \$26.10  | 302026-* includes E-J and                          |                |
| (I) Arm Alignment Screw<br>& Washer (2)107032-*        | \$44.50  | (H) (I) (K) Floor Plate with                       |                |
| (J) Arm Spindle Collar<br>259000                       | \$40.40  | (J) Screws (2 parts) 404020-*                      | See<br>Page 82 |
|  |          | (K) Closer Body (Specify Complete Model No. x LAP) | 9              |
|  |          | (M) Cement Case with Screws 403000                 |                |
|  |          | (L) Screw Kits                                     |                |
|  |          | 340 Screw Kit<br>107329 Machine &<br>Wood          |                |
|  |          | Wood  Arm Screw Kit 107048 Machine 107144 Wood     | \$10.20        |
|  |          | Floor Plate Screw Kit (2 required) 107004-*        |                |
|  |          | Cement Case Screw Kit                              | :              |

## **ASSA ABLOY**

| (A)Jamb Portion<br>308548   | \$523.00          | (A)            |  |
|---|-------------------|----------------|--|
| (B) Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS)                         | \$61.20           | (B) H340       | Top Pivot See<br>Page 113  |
| (C)Door Portion<br>30141  | \$523.00          |                | For 1-3/4" Door  |
| (D)Standard End Load<br>Arm Package<br>(minimum 2" door<br>thickness)<br>262022 | See<br>Page<br>82 | D) (E)         | 587 Side Load Arm Package  |
| (E) Arm Spindle<br>Collar<br>259500-*   | \$117.00          | (F)            | <b>262587</b> See includes 107060, 107077,   |
| (F) Heavy-Duty<br>Thrust Bearing<br>41204-PKG                                   | \$130.00          | <b>●</b> ← (G) | 107145   |
| (G)Arm Shim Kit<br>107060   | \$14.10           | (H)            | •  |
|   |                   |                | 1 Large 1 Small 404020 -*  (I) Closer Body (Specify Complete Model No. x LAP) includes 41204- PKG  (J) Cement Case with Screws |
|   |                   |                | 403000   |
|   |                   |                | Screw Kits   |
|   |                   |                | H340 Screw Kit 107329 Machine & \$10 Wood  |
|   |                   |                | 587 Arm Screw Kit<br>107077 Machine<br>107145 Wood \$10  |
|   |                   |                | Arm Screw Kit<br>107045 Machine<br>107145 Wood   |
|   |                   |                | Floor Plate Screw Kit (2 required) 107004-*  |
|   |                   |                |  |

USA & Canada Prices Effective February 1, 2022

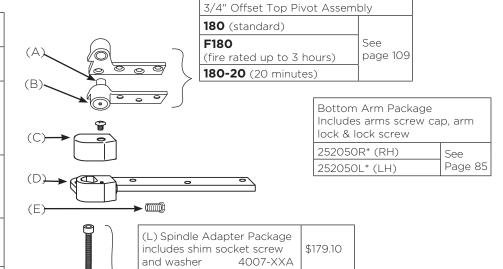


## **ASSA ABLOY**

Model 51 •

Right Hand Shown 3/A" Offset

| 3/4" Offset  |          |
|--|----------|
| (A)Pivot Stud<br>181770-ASY  | \$10.00  |
| (B)Hex Cap<br>181778-*   | \$10.50  |
| (C)Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$61.20  |
| (D)3/4" Offset Arm x<br>Locking Screw<br>275177 (RH)<br>275176 (LH)  | \$122.00 |
| (E) Arm Locking<br>Screw Only 88905-<br>PKG (5)  | \$45.90  |
| (G)Arm Bearing Washer<br>275062-PKG (5)  | \$24.20  |
| (H)Spindle Washer<br>519000-*  | \$17.00  |
|  |          |



1/2" extended

1-1/2" extended

\$275.00

1" extended

2" extended

| (K) | 90 |
|-----|----|
|     |    |
|     |    |
|     |    |

**Extended Spindles** Spindle Adapters: 4007-XXC

4007-XXE

4007-XXG

4007-XXI

| For 51 x 1-1/2" Offset   |                    |  |
|--|--------------------|--|
| 180x1-1/2" (standard)<br>F180x1-1/2"<br>(fire rated up to 3<br>hours)<br>180-20x1-1/2"<br>(20 minutes) | See<br>Page<br>109 |  |
| 1-1/2" Offset Arm x<br>Locking Screw<br>275167-*   | \$190.00           |  |
| 1-1/2" Offset Bottom<br>Arm pkg<br>252060-*  | See<br>Page 86     |  |

| (K)Floor Plate with Screws<br>4000500R* XXE (RH)<br>4000500L* XXE (LH) |                   |
|--|-------------------|
| (I) Closer Body<br>(Specify Complete<br>Model No. x LAP)               | See<br>Page<br>85 |
| (J) Cement Case<br>with Screws<br>4000301                              |                   |

|    |                | Screw Kits  |         |
|----|----------------|---|---------|
|    |                | 180 Screw Kit<br>107014 Machine(2) Req<br>107114 Wood (2) Req |         |
| Š  |                | Arm Screw Kit<br>107044 Machine<br>107144 Wood                | \$10.20 |
|    |                | Floor Plate Screw Kit<br>107004-*                             |         |
| *5 | specify finish | Cement Case Screw Kit<br>107075                               |         |

## **ASSA ABLOY**

### Model F5300 & F5310 =

| (A)Door Rail<br>327006        | \$117.00 | (A)     | (B)Bottom Arm Package 3252010-*                                   |                |
|-------------------------------|----------|---------|---|----------------|
| (C)Spindle<br>Washer 539000-* | \$17.20  | (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 86 |
|                               |          | (C) (D) | (F) Cement Case<br>with Screws<br>4000301                         |                |

| Spindle Adapter Package<br>includes socket screw<br>Extended Spindle Adapters |                 |          |
|---|-----------------|----------|
| 4009-*XXC   | 1/2" extended   |          |
| 4009-*XXE   | 1" extended     | \$275.00 |
| 4009-*XXG   | 1-1/2" extended |          |
| 4009-*XXI   | 2" extended     |          |

| Screw Kits                        |         |
|-----------------------------------|---------|
| Floor Plate Screw Kit<br>107004-* |         |
| Cement Case Screw Kit<br>107075   | \$10.20 |
| Slide Track Screw Kit<br>107033   |         |

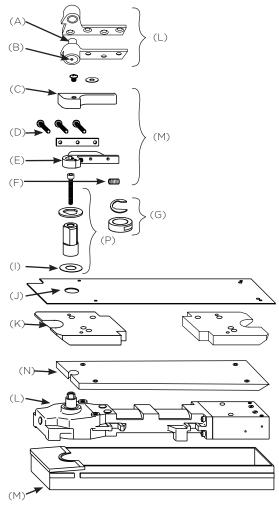


## **ASSA ABLOY**

## Model Q51/QT51

Right Hand Shown 3/4" Offset

| (A)Pivot Stud<br>181770-ASY   | \$10.00  |
|---|----------|
| (B)Hex Cap<br>181778-*  | \$10.50  |
| (C)Arm Cap & Screw<br>73035R*AS (RH,<br>BRS) 73035L*AS<br>(LH, BRS)                           | \$61.20  |
| (D)Q/QT27 Arm<br>Mounting Screws &<br>Plate 73014-*   | \$10.20  |
| (E) Removable Arm<br>73001R-ASY (RH)<br>73001L-ASY (LH)                                       | \$231.00 |
| (F) Arm Locking<br>Screw Only<br>88905-PKG (5)  |          |
| (G)Arm Washer and<br>Shim PKG 275179<br>(includes Shim<br>275065 and 275178<br>Torque Washer) | \$45.90  |
| (I) Spindle Washer<br>519000-X  | \$17.00  |



| (L) 3/4" Offset Top Pivot<br>180<br>FL180<br>Fire Rated<br>180 - 20<br>20 Minute | See<br>Page<br>109 |
|--|--------------------|
| (M)Bottom Arm Package  | See                |
| 222050R* (RH)  | Page               |
| 222050L* (LH)  | 87                 |

| Package<br>Package<br>shims &<br>4007-X | includes<br>washer | \$275.00 |
|---|--------------------|----------|
| <b>Extended S</b> Spindle Ada           | •                  |          |
| 4007-XXF                                | 1/2" extended      | ¢275.00  |
| 4007-XXH                                | 1" extended        | \$275.00 |

| (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 87 |
|-----|---|----------------|
| (K) | Q51 Styrofoam Filler<br>4000-023  | \$89.00        |
| (N) | QT51 Styrofoam Filler<br>4000-019   | \$69.00        |
| (L) | Closer Body<br>(Specify complete<br>model no. x LAP)  | See            |
| (M) | Cement Case w/<br>Screws<br>4000301   | Page 87        |



Intermediate Pivot

| 3/4" Offset<br>Intermediate Pivot (1) |      |
|---------------------------------------|------|
| M19                                   | See  |
| FM19                                  | Page |
| Fire Rated                            | 110  |
| M19-20                                |      |
| 20 Minute                             |      |

| 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   | \$10.20 |
| M19 Intermediate Pivot<br>Screw Kit<br>107015 Machine<br>(2) Req<br>107115 Wood (2) Req |         |

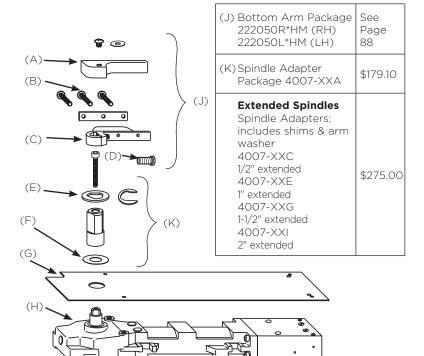
\*specify finish

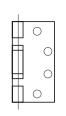
## ASSA ABLOY

Model HM51

Right Hand Shown 3/4" Offset Only

| (A)Arm Cap & Screw<br>73025R*AS (RH)<br>73025L*AS (LH) | \$61.20  |
|--|----------|
| (B) HM51 Arm Mounting<br>Screws & Plate<br>73014-*     | \$10.20  |
| (C)Arm Cap & Screw<br>73041R*AS (RH)<br>73041L*AS (LH) | \$306.00 |
| (D)Arm Locking<br>Screw Only<br>88905 - (5)            | \$45.90  |
| (E) Arm Bearing<br>Washer<br>275062-PKG (5)            | Ψ 10.00  |
| (F) Spindle Washer<br>519000-*                         | \$17.00  |





| Special Offset Hinge | es (3)  |
|----------------------|---------|
| 254545R*PK (RH)      | See     |
| 254545L*PK (LH)      | Page 88 |

(G)Floor Plate w/Screws 4000500R\* XXE (RH) 4000501L\* XXE (LH) 4000501R\* XXE (RH, "BC") 4000501L\* XXE (LH, "BC") 4000501R\* XXI (RH, "DA") See 4000501L\* XXI Page 88 (LH, "DA") (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   | \$10.20 |
| Hinge screw kit<br>107519-*       |         |

\*specify finish



## **ASSA ABLOY**

### Model 50 & 5020-

| (A)Jamb Portion<br>3065   | \$150.00 | (A) See Page 113  |                      |
|---|----------|---|----------------------|
| (B)Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS)  | \$61.20  | (C) Page 113 (L)  | 6                    |
| (C)Door Portion<br>30243  | \$150.00 | (L) 554 Concealed<br>Arm Package  | Se                   |
| (D)W28 Wood Door<br>Plate/Shim Pkg<br>(includes 46145 &<br>46445)<br>107066<br>Wood door arm<br>pkg. 282126 | \$96.00  | (E) (F) (G) (M) Floor Plate with Screws 4000600-*XXE BC")                       | Pa<br>89             |
| (E) Arm Plate Shims (.062)<br>46045-PKG (5)<br>Arm Plate Shims (.187)<br>46145-PKG (5)                      |          | (H) (I) (N) Closer Body (Specify Complete Model No. x LAP) (O) Cement Case with | Se<br>Pa<br>89<br>90 |
| (F) Arm Plate & Stud Assy<br>46445  |          | Screws<br>4000301   |                      |
| (G)Arm & Arm<br>Set Screw<br>282026   | \$93.00  | (K) Bottom Arm Package 282126   | \$2                  |
| (H)Arm Set<br>Screw Only<br>26087-PKG (5)   | \$26.10  |   |                      |
| (I) Arm Alignment<br>Screw & Washer<br>(107032 -*)  | \$44.50  |   |                      |
| (J) Spindle Adapter<br>Package 4010-XXA   | \$216.40 |   |                      |
| <b>Extended Spindles</b><br>Spindle Adapters  |          |   |                      |
| 4010-XXC 1/2" extended  |          | (0)   |                      |
| 4010-XXE 1" extended  | \$310.00 | Screw Kits  |                      |
| 4010-XXG 1-1/2" extended  | -        | 554 Arm Screw Kit   |                      |
| 4010-XXI 2" extended  |          | 107064  |                      |
| (K)Spindle Washer<br>519000-*   | \$17.00  | Floor Plate Screw Kit<br>107004-*   |                      |
|   |          | Cement Case Screw Kit<br>107075   | \$1C                 |
|   |          | 340 Screw Kit<br>107329 Machine<br>& Wood                                       | \$1C                 |
|   |          | Arm Screw Kit   |                      |

\*specify finish

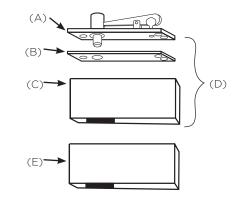
107048 Machine 107144 Wood

## **ASSA ABLOY**

### Model 5040=

Right Hand Shown 3/4" Offset

| (A)Jamb Portion 42801                                  | \$150.00 |
|--|----------|
| (B)Finish Plate<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$61.20  |
| (C) Patch Filling<br>7495-*                            | \$214.00 |
| Bottom Pivot Insert<br>74101                           | ¢57.60   |
| Top Pivot Insert<br>74102                              | \$57.60  |



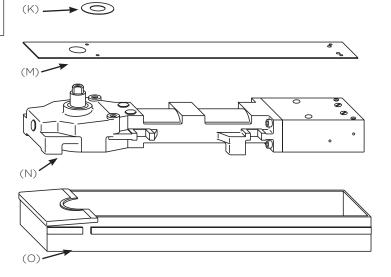
| (M) | Floor Plate with<br>Screws<br>4000600-*XXE BC")<br>4000600-*XXI("DA") |                   |
|-----|---|-------------------|
| (N) | Closer Body<br>(Specify Complete<br>Model No. x LAP)                  | See<br>Page<br>90 |
| (O) | Cement Case with  |                   |

(D) Top Patch 7494\* PK

(E) Bottom Patch 7495-\*PK (includes items C & J)

Screws 4000301

(K) \*Spindle washer \$17.00 519000-\*

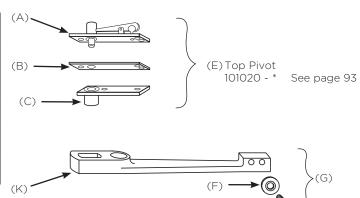


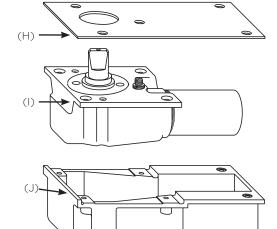
| Screw Kits                                |         |
|---|---------|
| Floor Plate Screw Kit<br>107004-*         |         |
| Cement Case Screw Kit<br>107075           | \$10.20 |
| 340 Screw Kit<br>107329 Machine<br>& Wood |         |



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

| (A)Jamb Portion<br>3065                              | \$150.00 |
|--|----------|
| (B)Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$61.20  |
| (C)Door Portion<br>12716                             | \$154.00 |
| (F) Alignment Screws<br>& Washers 107032 - *         | \$44.50  |
| (K)1004<br>Duo Arm                                   | \$122.00 |





(G) Arm Package 102026 - \* (includes K & F and attaching screws.) (H) Floor Plate with Screws 104020 - \* See Page 93 Closer Body (Specify Complete Model No. x LAP) (J) Cement Case with Screws103000

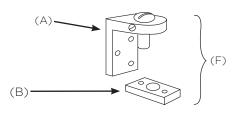
| Screw Kits                        |         |  |
|-----------------------------------|---------|--|
| Top Pivot Screw Kit<br>107329     | \$10.20 |  |
| Arm Screw Kit<br>107054           | \$12.10 |  |
| Floor Plate Screw Kit<br>107004-* | \$10.20 |  |



## **ASSA ABLOY**

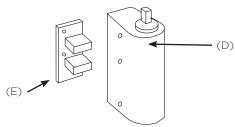
### Model 354 -

| (A)Jamb Portion<br>01960-*AS                                  | \$237.00 |
|---|----------|
| (B) Gate Portion<br>35064-*AS                                 | \$71.20  |
| (E) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$126.00 |



| (F) | Top Pivot Package<br>3541020-*                 |                |
|-----|--|----------------|
| (C) | Arm with Screws<br>3542026-*                   | See<br>Page 93 |
| (D) | Closer Body<br>X03540370-*<br>Includes Bracket | Page 93        |



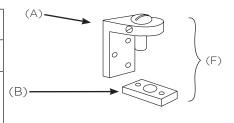


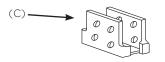
| Screw Kits                      |         |
|---------------------------------|---------|
| Top Pivot Screw Kit<br>107017-* | \$11.60 |
| Closer Mtg. Screw Kit<br>107350 | \$8.90  |

<sup>\*</sup>specify finish - sprayed finishes only

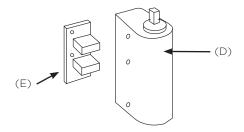
### Model 355 -----

| (A)Jamb Portion<br>0490-*AS                                   | \$237.00 |
|---|----------|
| (B) Gate Portion<br>35064-*AS                                 | \$71.20  |
| (E) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$126.00 |





| (F) Top Pivot<br>Package<br>3551020-*              |                |
|--|----------------|
| (C) Arm with Screws<br>3542026-*                   | See<br>Page 93 |
| (D) Closer Body<br>X03540370-*<br>Includes Bracket |                |



| Screw Kits                      |         |
|---------------------------------|---------|
| Top Pivot Screw Kit<br>107017   | \$11.60 |
| Closer Mtg. Screw Kit<br>107350 | \$8.90  |

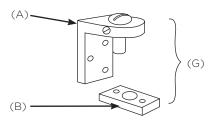
\*specify finish

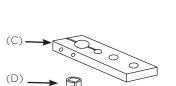


## **ASSA ABLOY**

### Model 356 ■

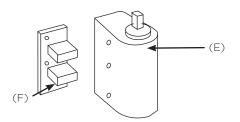
| (A)Jamb Portion<br>01960-*AS                                  | \$237.00 |
|---|----------|
| (B)Gate Portion<br>35064-*AS                                  | \$71.20  |
| (D)Bushing Only<br>(included in arm<br>package)<br>35051      | \$36.50  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$126.00 |





| 3541020-*  |                |
|--|----------------|
| (C)Arm with Screws<br>3562020-*                    | See<br>Page 93 |
| (E) Closer Body<br>X03540370-*<br>Includes Bracket |                |
|  |                |

(G)Top Pivot Package



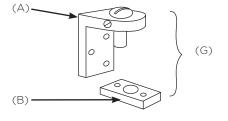
| Screw Kits                       |         |
|----------------------------------|---------|
| Top Pivot Screw Kit<br>107017 -* | \$11.60 |
| Arm Screw Kit<br>107359          | ¢0.00   |
| Closer Mtg. Screw Kit<br>107350  | \$8.90  |

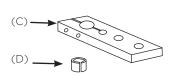
\*specify finish - sprayed finishes only

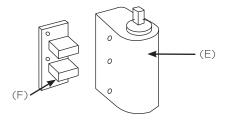
### Model 357 ----

| (A)Jamb Portion<br>0490-*AS                                  | \$237.00 |
|--|----------|
| (B) Gate Portion<br>35064-*AS                                | \$71.20  |
| (D)Bushing Only<br>(included in arm<br>package)<br>35051     | \$36.50  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg<br>Screw Kit | \$126.00 |

| Top Pivot Screw Kit<br>107017-* | \$11.60 |
|---------------------------------|---------|
| Arm Screw Kit<br>107359         |         |
| Closer Mtg. Screw Kit<br>107350 | \$8.90  |







(G) Top Pivot Package 3551020-\* (C)Arm with Screws Page 93 3562020-\* (E) Closer Body X03540370-\*

Includes Bracket

\*specify finish - sprayed finishes only

USA & Canada Prices Effective February 1, 2022

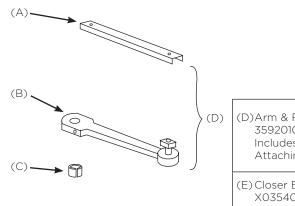
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## **ASSA ABLOY**

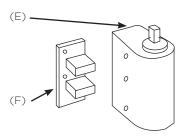
### Model 359 -

| (A)Rail<br>35510-*  | \$84.10  |
|---|----------|
| (B)Arm with Screw &<br>Bushing<br>35535-*                     | \$493.00 |
| (C)Bushing Only<br>(included in arm<br>package)<br>35051      | \$36.50  |
| (F) Bracket<br>3549000-*<br>Includes Closer Mtg.<br>Screw Kit | \$126.00 |



(D)Arm & Rail Package 3592010-\* Includes ABC of Attaching Screws

(E) Closer Body X03540370-\* Includes Bracket



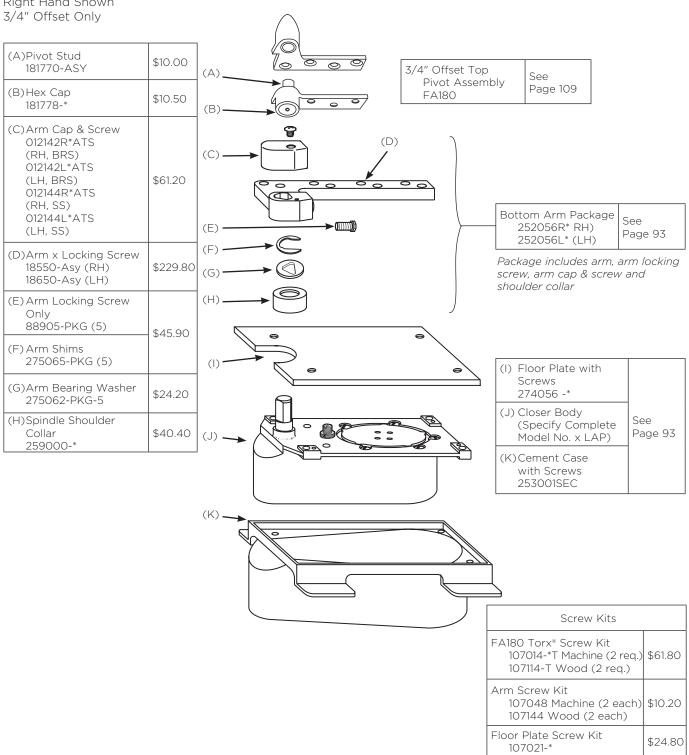
| Screw Kits                      |         |
|---------------------------------|---------|
| Arm Screw Kit<br>107003         | \$18.30 |
| Closer Mtg. Screw Kit<br>107350 | \$8.90  |



# **Specialty Floor Closers Parts Drawings**

### **Model SEC27**

Right Hand Shown



\*specify finish

## 0608/AW0608 ---

| Arm Assembly (sprayed finishes only) 0608312-* | \$310.00 |     |   | (A)Closer Mounting<br>Kit<br>608019                                   |
|--|----------|-----|---|---|
| ))Rail<br>0608109                              | \$88.30  | (B) |   | (B) Closer Body<br>(Specify<br>Complete Model<br>No. x LAP)           |
|  |          | (C) | (A)                                     | (E) Arm & Rail<br>Package<br>(sprayed<br>finishes only)<br>06082012-* |
|  |          |     | *************************************** | ā   |
|  |          |     |   | (E)   |

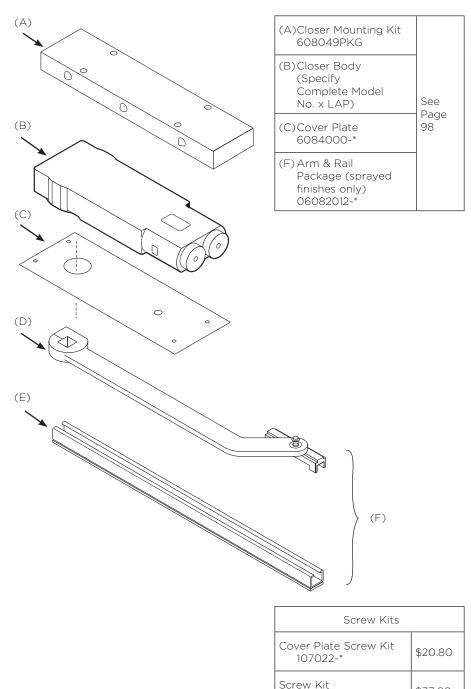
|        |                   | Screw Kit |         |
|--------|-------------------|-----------|---------|
| S<br>6 | crew Kit<br>08064 |           | \$37.80 |

\*specify finish



### M0608/MW0608/W0608 -

| (D)Arm Assembly (sprayed finishes only) 0608312-* | \$310.00 |
|---|----------|
| (E) Rail<br>0608109                               | \$88.30  |

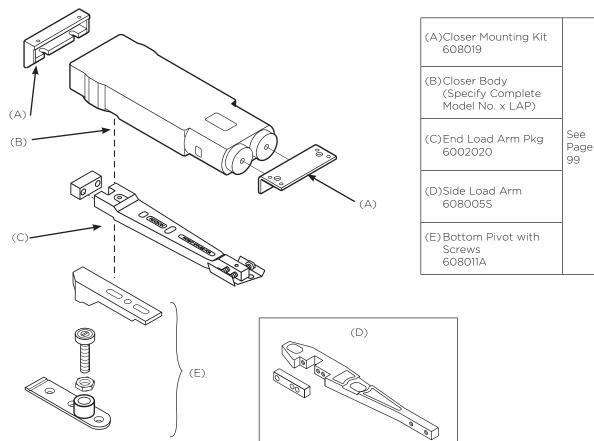


\*specify finish

\$37.80

608064

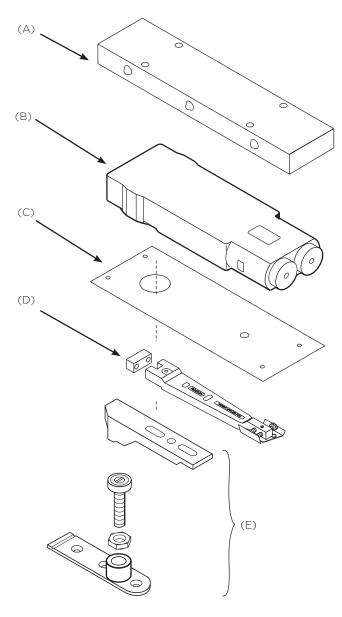
608EL/608SL =



| Screw Kit  |         |
|--|---------|
| Arm Screw Kit<br>(Includes arm end<br>block)<br>107065 | \$45.90 |
| Bottom Pivot Screw Kit<br>107143                       | \$10.20 |



M608 -----

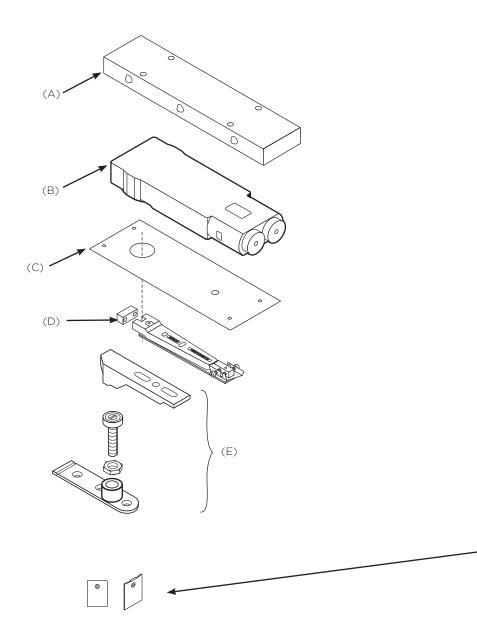


| (A)Closer Mounting<br>Kit<br>608049PKG                   |         |
|--|---------|
| (B) Closer Body<br>(Specify Complete<br>Model No. x LAP) | See     |
| (C)Cover Plate<br>6084000 - *                            | Page 99 |
| (D)Arm Package<br>6002020                                |         |
| (E) Bottom Pivot<br>608011A                              |         |

| Screw Kits                        |         |
|-----------------------------------|---------|
| Arm Screw Kit<br>107065           | \$45.90 |
| Cover Plate Screw Kit<br>107022-* | \$20.80 |
| Bottom Pivot Screw Kit<br>107143  | \$10.20 |

## **ASSA ABLOY**

MW608/W608



| (A)Closer Mounting Kit<br>608049PKG                     | See<br>Page 99 |
|---|----------------|
| (B)Closer Body<br>(Specify Complete<br>Model No. x LAP) |                |
| (C)Cover Plate<br>6084000 - *                           |                |
| (D)Arm Package<br>6002021                               |                |
| (E) Bottom Pivot<br>608011A                             |                |

| (contains 2 caps)<br>1990906 (612 & 627 | Order<br>Separately |  |
|---|---------------------|--|
|   | See<br>Page 105     |  |

| Screw Kits   |         |
|--|---------|
| Bottom Pivot Screw Kit<br>107143                     | \$10.20 |
| Arm Screw Kit<br>107065<br>Includes arm end<br>block | \$45.90 |
| Cover Plate Screw Kit<br>107022-*                    | \$20.80 |

\*specify finish



AW608 ■

(A) (B) (E)

| (A) | Closer Mounting Kit<br>608019                        |                |
|-----|--|----------------|
| (B) | Closer Body<br>(Specify Complete<br>Model No. x LAP) | See<br>Page 99 |
| (C) | End Load Arm Pkg<br>6002021                          |                |
|     | Side Load Arm<br>608005S                             |                |
| (E) | Bottom Pivot<br>with Screws<br>608011A               |                |

| Decorative Arm Cap<br>(contains 2 caps) | Order<br>Separately |
|---|---------------------|
| 199                                     | See<br>Page 105     |

| Screw Kits   |         |
|--|---------|
| Arm Screw Kit<br>(Includes arm end<br>block)<br>107065 | \$45.90 |
| Cover Plate Screw Kit<br>107022                        | \$20.80 |
| Bottom Pivot Screw Kit<br>107143                       | \$10.20 |

159

# **Overhead Concealed Closer Parts Drawings**

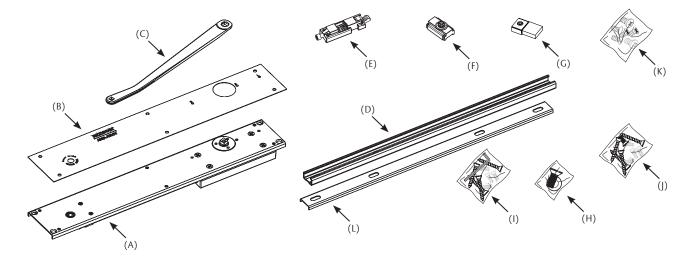
## **ASSA ABLOY**

### 91DCP

The packages in this box may use buy program discounts.

| Right Hand Arm Package<br>90237-DCP***PKG (includes 90237, 90283 and<br>90253) | ф270 OO  |
|--|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and<br>90253)  | \$230.00 |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239)    | \$152.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)        | \$184.00 |

| (A) Closer Body (Specify hand, function x LAP)      | See Page 101                           |
|---|--|
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$68.00 (painted)<br>\$444.00 (plated) |
| (C)Arm<br>90236-DCP*** (LH)<br>90237-DCP*** (RH)    | \$149.00                               |
| (D)Track<br>90239                                   | \$82.00                                |



| (E) Hold Open Asembly<br>90254                                  | \$109.00 |
|---|----------|
| (F) Slider<br>90253   | ¢0100    |
| (G)Non-Hold Open Stop Block<br>90255                            | \$81.00  |
| (H)Arm Screw Kit<br>90283-***                                   | \$18.00  |
| (I) Closer Screw Kit<br>90241-***                               | \$24.00  |
| (J) Track Screw Kit<br>90242                                    | \$5.00   |
| (K)Cover Plate Screw Pack<br>90278-***                          | \$28.00  |
| (L) Optional Track Spacer for Retrofit<br>Applications<br>90260 | \$28.00  |

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



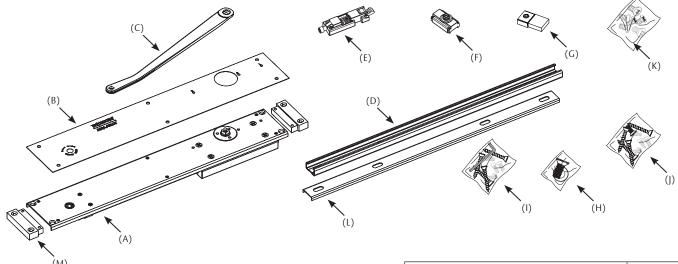
# **ASSA ABLOY**

#### W91DCP -----

The packages in this box may use buy program discounts.

| Right Hand Arm Package<br>90237-DCP***PKG (includes 90237, 90283 and<br>90253) | \$230.00 |
|--|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and<br>90253)  |          |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239)    | \$152.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)        | \$184.00 |

| (A) Closer Body (Specify hand, function x LAP)      | See Page 101                                 |
|---|--|
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$68.00<br>(painted)<br>\$444.00<br>(plated) |
| (C)Arm<br>90236-DCP*** (LH)<br>90237-DCP*** (RH)    | \$149.00                                     |
| (D)Track<br>90239                                   | \$82.00                                      |



Left hand shown \*\*\* - specify finish (ex. 689) (E) Hold Open Asembly \$109.00 90254 (F) Slider 90253 \$81.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$18.00 90283-\*\*\* (I) Closer Screw Kit 90241-\*\*\* \$24.00 (J) Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$28.00 90278 (L) Optional Track Spacer for Retrofit Applications \$28.00 90260 (M) Wood Mounting Clips \$212.00 90257-\*\*\*

USA & Canada Prices Effective February 1, 2022

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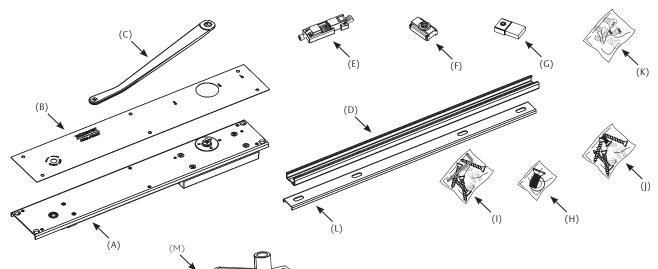
Contact Norton Rixson: 877-974-2255 or visit www.nortonrixson.com. In Canada contact us at: 800-461-3007 or visit www.assaabloydss.ca

93

The packages in this box may use buy program discounts.

| Right Hand Arm Package<br>90237-DCP***PKG (includes 90237, 90283 and<br>90253) | \$230.00 |
|--|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and<br>90253)  |          |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239)    | \$152.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)        | \$184.00 |

| (A) Classic Dash (Coassiful based                   |  |
|---|--|
| (A) Closer Body (Specify hand, function x LAP)      | See Page 102                           |
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$68.00 (painted)<br>\$444.00 (plated) |
| (C)Arm<br>90236-DCP*** (LH)<br>90237-DCP*** (RH)    | \$149.00                               |
| (D)Track<br>90239                                   | \$82.00                                |



(E) Hold Open Asembly \$109.00 90254 (F) Slider 90253 \$81.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$18.00 90283-\*\*\* Closer Screw Kit \$24.00 90241-\*\*\* (J) Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$28.00 90278-\*\*\* (L) Optional Track Spacer for Retrofit **Applications** \$28.00 90260 (M) 270 Pivot \$489.00 70224KIT-\*\*\*

Left hand shown

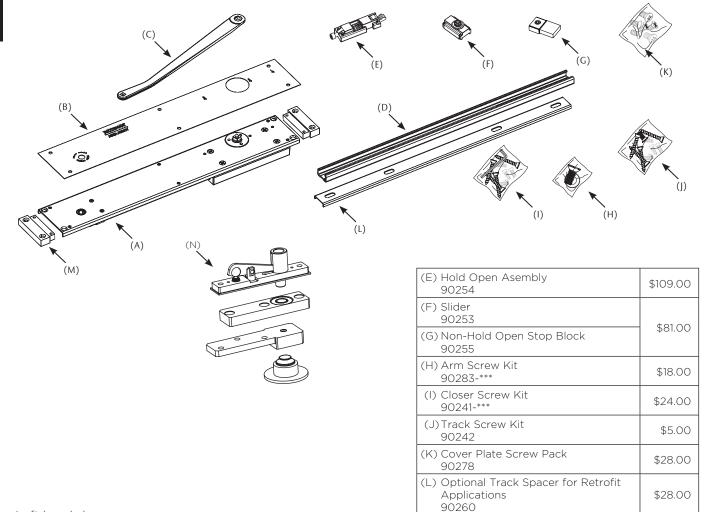
\*\*\* - specify finish (ex. 689)

### W93 **...**

The packages in this box may use buy program discounts.

| Right Hand Arm Package<br>90237-DCP***PKG (includes 90237, 90283 and<br>90253) | 4070.00  |
|--|----------|
| Left Hand Arm Package<br>90236-DCP***PKG (includes 90236, 90283 and<br>90253)  | \$230.00 |
| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239)    | \$152.00 |
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)        | \$184.00 |

| (A) Closer Body (Specify hand, function x LAP)      | See Page 102                                 |
|---|--|
| (B) Cover Plate<br>90272-*** (LH)<br>90275-*** (RH) | \$68.00<br>(painted)<br>\$444.00<br>(plated) |
| (C)Arm<br>90236-DCP*** (LH)<br>90237-DCP*** (RH)    | \$149.00                                     |
| (D)Track<br>90239                                   | \$82.00                                      |



Left hand shown

\*\*\* - specify finish (ex. 689)

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\$212.00

\$489.00

(M) Wood Mounting Clips

90270-\*\*\* (N) 270 Pivot

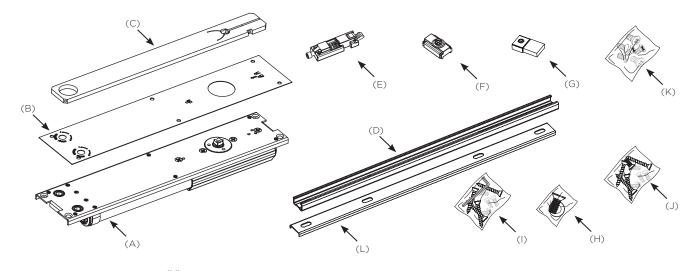
70224KIT-\*\*\*

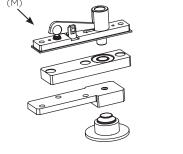
**73** 

The packages in this box may use buy program discounts.

| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239) | \$152.00                                |
|---|---|
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)     | \$184.00                                |
| Arm Package<br>70218-***PKG   | \$318.00 (painted)<br>\$693.00 (plated) |

| (A) Closer Body (Specify hand, function x LAP) | See Page 102                           |
|--|--|
| (B)Cover Plate<br>70202-***                    | \$68.00 (painted)<br>\$444.00 (plated) |
| (C)Arm<br>70218-***                            | \$149.00                               |
| (D)Track<br>90239                              | \$82.00                                |





(E) Hold Open Asembly \$109.00 90254 Slider 90253 \$81.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$18.00 7025<u>1</u>-\*\*\* Closer Screw Kit \$24.00 90241-\*\*\* Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$28.00 90278-\*\*\* (L) Optional Track Spacer for Retrofit \$28.00 **Applications** 90260 (M) 270 Pivot \$489.00 70224KIT-\*\*\* (N) Slider Centering Hug \$18.00 70219

Left hand shown

\*\*\* - specify finish (ex. 689)

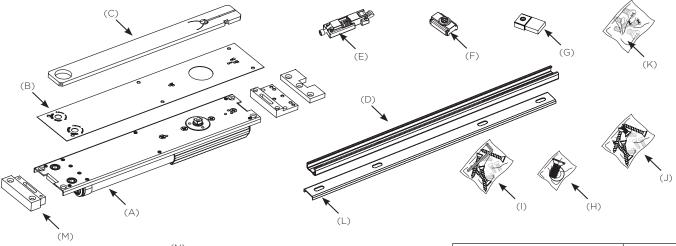


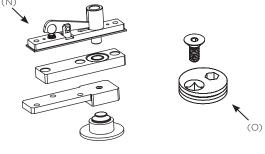
### W73 **•**

The packages in this box may use buy program discounts.

| Non-Hold Open Track Assembly<br>90255-ASY (includes 90255, 90242 and 90239) | \$152.00                                |
|---|---|
| Hold Open Track Assembly<br>90254-ASY (includes 90254, 90242 and 90239)     | \$184.00                                |
| Arm Package<br>70218-***PKG   | \$318.00 (painted)<br>\$693.00 (plated) |

| (A) Closer Body (Specify hand, function x LAP) | See Page 102                           |
|--|--|
| (B)Cover Plate<br>70202-***                    | \$68.00 (painted)<br>\$444.00 (plated) |
| (C)Arm<br>70218-***                            | \$149.00                               |
| (D)Track<br>90239                              | \$82.00                                |





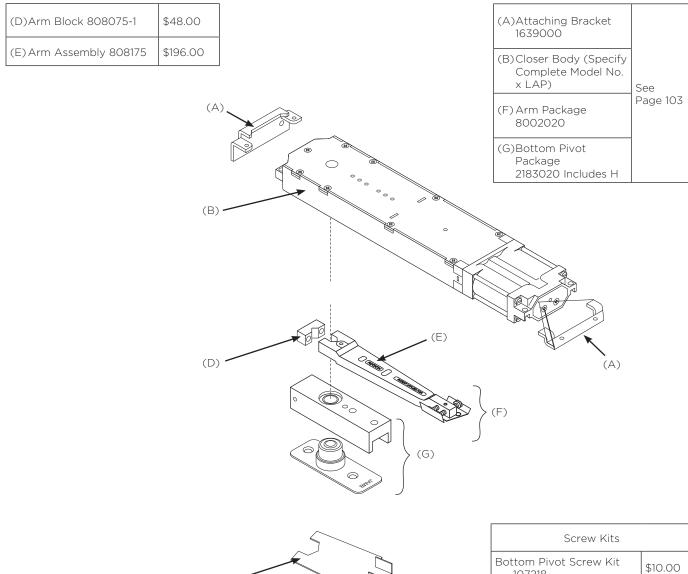
(E) Hold Open Asembly \$109.00 90254 (F) Slider 90253 \$81.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$18.00 70251-\*\*\* (I) Closer Screw Kit 90241-\*\*\* \$24.00 (J) Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$28.00 90278 (L) Optional Track Spacer for Retrofit Applications \$28.00 90260 (M) Wood Mounting Clips \$212.00 70270-\*\*\* (N) 270 Pivot \$489.00 70224-\*\* (O) Slider Centering Hub \$18.00 70219

Left hand shown

\*\*\* - specify finish (ex. 689)

## **ASSA ABLOY**

### 700/800



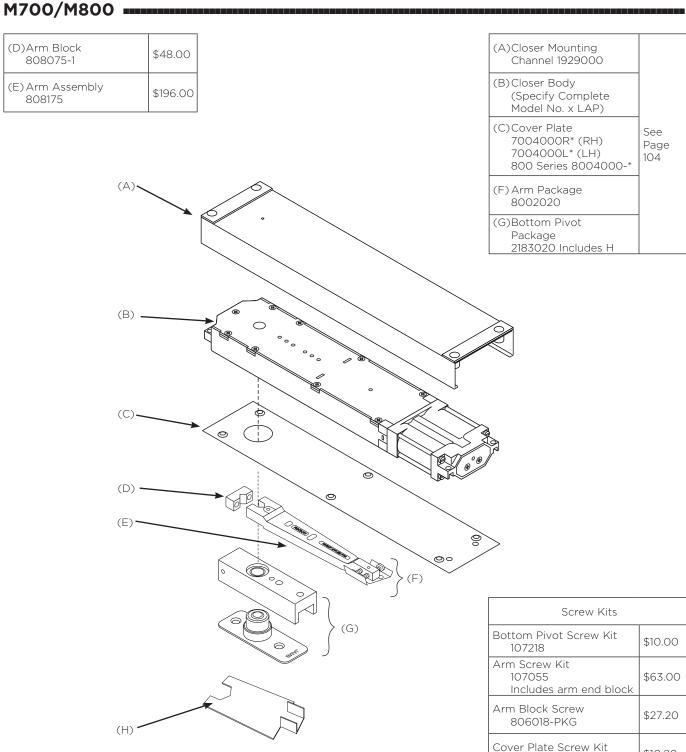
| (H)Pivot Wrench<br>218007 | \$48.00 |
|---------------------------|---------|
|---------------------------|---------|

| Screw Kits  |         |
|---|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$10.00 |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$63.00 |
| Arm Block Screw<br>806018-PKG                     | \$27.20 |
| Cover Plate Screw Kit<br>107006-*                 | \$10.20 |

\*specify finish

165





\*specify finish

\$10.20

USA & Canada Prices Effective February 1, 2022

(H)Pivot Wrench

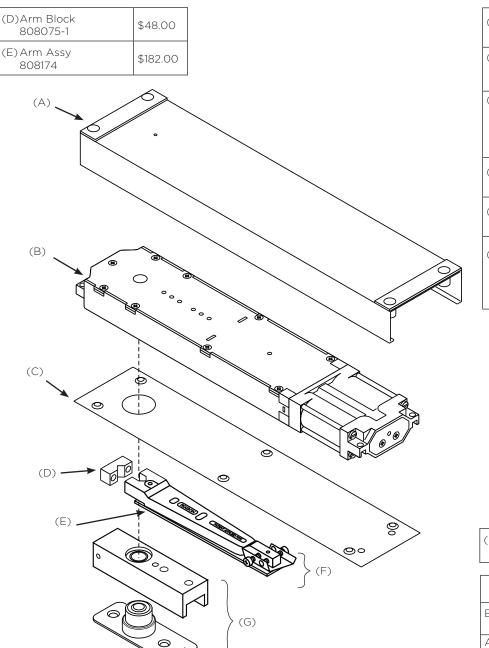
218007

\$48.00

107006-\*

## **ASSA ABLOY**

## MW700/MW800 =



| (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 103                        |
| (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 105 |

| (I) Pivot Wrench | \$48.00 |
|------------------|---------|
| 218007           | \$48.00 |

| Screw Kits  |         |
|---|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$10.00 |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$63.00 |
| Arm Block Screw<br>806018-PKG                     | \$27.20 |
| Cover Plate Screw Kit<br>107006-*                 | \$10.20 |

\*specify finish



W700/W800 **=** 

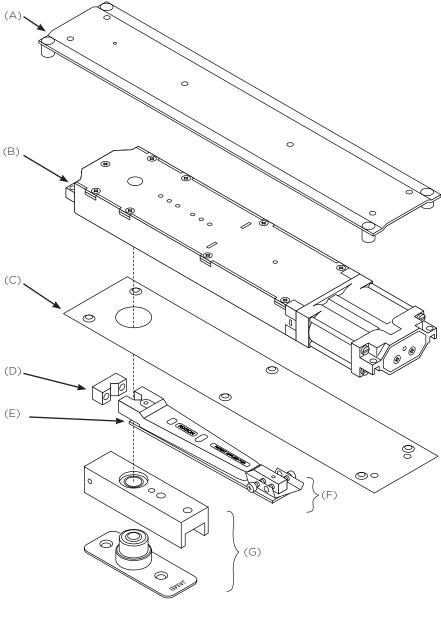
(A) Closer Mounting Plate 1989000 (B) Closer Body See (Specify Complete Page 103 Model No. x LAP) (C) Cover Plate 7004000R\* (RH) 7004000L\* (LH) (D) Arm Block \$48.00 808075-1 (E) Arm Assembly \$182.00 808174 (F) Arm Package 8002021 See Page 104 (G) Bottom Pivot

2183020 (Includes I)

(H) Decorative Arm Cap

(contains 2 caps)

1990906\* (612&627 only



|     | (I) Pivot Wrench<br>218007 | \$48.00 |
|-----|----------------------------|---------|
| - 1 |                            |         |

| Screw Kits  |         |
|---|---------|
| Bottom Pivot Screw Kit<br>107218                  | \$10.00 |
| Arm Screw Kit<br>107055<br>Includes arm end block | \$63.00 |
| Arm Block Screw<br>806018-PKG                     | \$27.20 |
| Cover Plate Screw Kit<br>107006-*                 | \$10.20 |

\*specify finish

Order

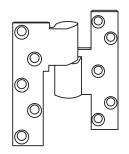
See

Separately

Page 105

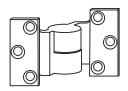
# Intermediate Pivots Parts Drawings

M19, M190, ML19, FA19, 219, 319, FM19, FM190 All Electrified M19 Intermediate Pivots



| Model                      | Description                   | Price                   |
|----------------------------|-------------------------------|-------------------------|
| 107015-*                   | Metal Screws for One Leaf     | \$10.20                 |
| 107115-*                   | Wood Screws for One Leaf      |                         |
| 181778-*                   | Hex Cap                       | \$10.50                 |
| 219, 319 and 419 Also Use: |                               |                         |
| 107059-*                   | Includes Screws and Backplate | \$231.00                |
|                            | Torx® Available - Suffix "T"  | Add \$95.30 to each kit |

### 119 Intermediate Pivot

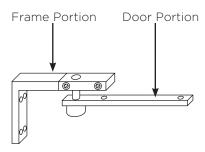


| Model    | Description                  | Price       |
|----------|------------------------------|-------------|
| 107014-* | Metal Screws for One Leaf    | #10.20      |
| 107114-* | Wood Screws for One Leaf     | \$10.20     |
|          | Torx® Available - Suffix "T" | Add \$95.30 |



### **Top Pivot and Pocket Pivots Parts Drawings**

#### Angle Pivot-3

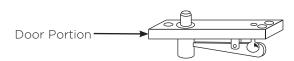


| Model   | Description              | Price    |
|---------|--------------------------|----------|
| 107047* | Includes Screws and Stud | \$133.00 |
| 30243   | Door Portion             | \$150.00 |
| 30814** | Frame Portion (handed)   | \$483.00 |

Torx® not available.

Top Pivot 340 x 102 ----





| Model    | Description            | Price    |
|----------|------------------------|----------|
| 10210 AS | Jamb Portion           | \$258.00 |
| 3065     | Door Portion           | \$150.00 |
| 107012*  | Jamb Portion Screw Kit | \$10.00  |
| 107329   | Door Potion Screw Kit  | \$10.20  |

Torx® not available.

#### F519 Pocket Pivot ...



| Model    | Description     | Price       |
|----------|-----------------|-------------|
| 619005-* | Screw Kit       | \$14.90     |
|          | Torx® Available | Add \$95.30 |

<sup>\*</sup>specify finish

(C) 180 Top Pivot

See

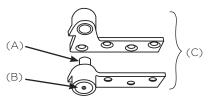
Page 109

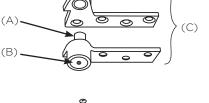
### **ASSA ABLOY**

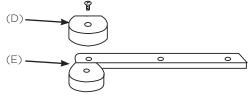
#### 117-1/4 Pivot Set =

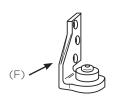
Right Hand Shown 3/4" Offset Only

| (A)Pivot Stud<br>181770-ASY            | \$10.00         |
|--|-----------------|
| (B)Hex Cap<br>181778-*                 | \$10.50         |
| (D)Arm Cap and Screw<br>12029-*AS      | \$61.20         |
| (E) Arm LH<br>11706LASY                | \$134.00        |
| (E) Arm RH<br>11705RASY                | \$154.00        |
| (F) Floor Portion Assy RH<br>17406R*AS | <b>\$574.00</b> |
| (F) Floor Portion Assy LH<br>17406L*AS | \$534.00        |
|  |                 |









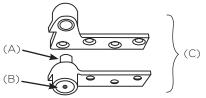
| Screw Kits  |         |
|---|---------|
| 180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) | \$10.20 |
| 117-1/4 Screw Kit<br>117127 - *   | \$60.80 |

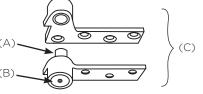
<sup>\*</sup>specify finish

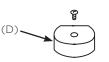
### 117, F117 Pivot Set ----

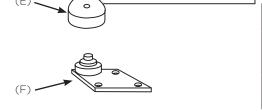
Right Hand Shown 3/4" and 1-1/2" Offset

| (A) Pivot Stud<br>181770-ASY             | \$10.00  |
|--|----------|
| (B) Hex Cap<br>181778-*                  | \$10.50  |
| (D) Arm Cap and Screw<br>12029-*AS       | \$61.20  |
| (E) 3/4" Offset Arm LH<br>11706LASY      | \$134.00 |
| (E) 3/4" Offset Arm RH<br>11705RASY      |          |
| (E) 1-1/2" Offset Arm LH<br>11706L15*    | ¢256.60  |
| (E) 1-1/2" Offset Arm RH<br>11705R15*    | \$256.60 |
| (F) 117 Floor Portion Assy<br>17526-*AS  | \$534.00 |
| (F) F117 Floor Portion Assy<br>17559-*AS | \$481.00 |
|  |          |









| (C)180 Top Pivot       | See  |
|------------------------|------|
| (for Fire-Rated Doors, | Page |
| order F180)            | 109  |
|                        |      |

Screw Kits 180 Screw Kit 107014 - \* Machine ( 2 req.) 107114 - \* Wood (2 req.) \$10.20 Bottom Pivot Screw Kit \$60.80 117127 - \*

\*specify finish



(for Fire-Rated Doors

order F180)

See

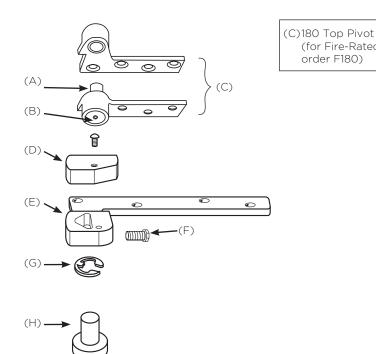
Page 109

### **ASSA ABLOY**

# 147, F147 Pivot Set Right Hand Shown

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

| (A)Pivot Stud<br>181770-ASY   | \$10.00  |
|---|----------|
| (B)Hex Cap<br>181778-*  | \$10.50  |
| (D)Arm Cap & Screw<br>012142R*AS<br>(RH, BRS)<br>012142R*AS<br>(RH, BRS)<br>012142L*AS<br>(LH, BRS)<br>012144R*AS<br>(RH, SS)<br>012144L*AS<br>(LH, SS) | \$61.20  |
| (E) Arm x Locking Screw<br>3/4" Offset 275177 RH<br>3/4" Offset 275176 LH   | \$122.00 |
| (E) Arm x Locking Screw<br>1-1/2" Offset 275167-*   | \$190.00 |
| (F) Arm Lock Screw Pkg<br>(5 per)<br>88905-PKG  | \$45.90  |
| (G)Arm Shim Kit (2 per)<br>107071   | \$24.20  |
| (H)Spindle Stud 14714   | \$34.80  |
| (I) 147 /F147 Floor Portion<br>x Bearing 14721-*AS  | \$497.00 |



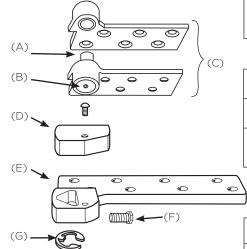
| Г  |         |
|--|---------|
| Screw Kits   |         |
| 147/F147 Bottom Pivot<br>Screw Kit<br>107062-* includes 107071                 | \$34.10 |
| 180/F180 Screw Kit<br>107014 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) |         |
| Arm Screw Kit<br>107044 Machine<br>107144 Wood                                 | \$10.20 |

### **ASSA ABLOY**

# **L147, FL147 Pivot Set** Right Hand Shown

3/4" Offset Only

| 3/4 Offset Offig   |          |
|--|----------|
| (A)Pivot Stud<br>181770-ASY  | \$10.00  |
| (B)Hex Cap<br>181778-*   | \$10.50  |
| (D)Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$61.20  |
| (E) Arm x Locking Screw<br>1-3/4" Door 18550-Asy RH<br>18650-Asy LH  | \$229.80 |
| (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  | \$507.40 |
| (E) Arm x Locking Screw<br>2-1/2" Door 18553-Asy RH<br>18653-Asy LH  | \$507.40 |
| (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   | \$45.90  |



|  | See<br>Page 109 |
|--|-----------------|
|--|-----------------|

| (G)Arm Shim Kit (2 per)<br>107071                | \$61.20  |
|--|----------|
| (H)Spindle Stud<br>14714                         | \$34.80  |
| (I) L147 Floor Portion x<br>Bearing<br>14721-*AS | \$497.00 |

Screw Kits 180/F180 Screw Kit 107014 - \* Machine ( 2 req.) 107<u>114 - \* Wood (2 req.)</u> \$10.20 Arm Screw Kit 107044 Machine 107144 Wood L147/FL147 Bottom Pivot Screw Kit \$34.10 (includes "E" ring shim)

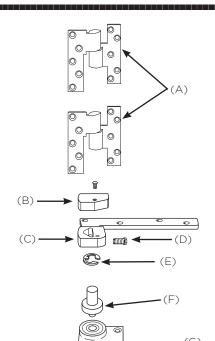
\*specify finish

107062-\*

#### 547 Pivot Set =

Right Hand Shown 3/4" Offset Only

| (B) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS) 012144L*AS (LH, SS) (C) Arm x Locking Screw 275177RH 275177RH (D) Locking Screw Pkg (5 per) 88905-Pkg (E) Arm Shim Kit (2 per) 107071 (F) Spindle Stud 14714  \$497.00 |  |          |
|--|--|----------|
| Screw 275177RH \$122.00  (D)Locking Screw Pkg (5 per) 88905-Pkg  (E) Arm Shim Kit (2 per) 107071  (F) Spindle Stud 14714 \$34.80  (G)147 Floor Portion x \$497.00  | 012142R*AS<br>(RH, BRS)<br>012142L*AS<br>(LH, BRS)<br>012144R*AS<br>(RH, SS)<br>012144L*AS | \$61.20  |
| (5 per) \$61.20<br>88905-Pkg  (E) Arm Shim Kit (2 per) \$24.20  (F) Spindle Stud 14714 \$34.80  (G)147 Floor Portion x \$497.00  | Screw<br>275177RH  | \$122.00 |
| 107071 \$24.20<br>(F) Spindle Stud 14714 \$34.80<br>(G)147 Floor Portion x \$497.00  | (5 per)  | \$61.20  |
| (G)147 Floor Portion x \$497.00  | 1 ' '  | \$24.20  |
| 1 \$ 29 / 00   | (F) Spindle Stud 14714   | \$34.80  |
|  | ` '  | \$497.00 |



| (A)M190 Intermediate<br>Pivot (For Fire-Rated<br>Doors order FM190) | See<br>Page 110 |
|---|-----------------|
| 147 Bottom Pivot Screw Kit<br>(includes 107071)<br>107062-*         | \$34.10         |

\*specify finish

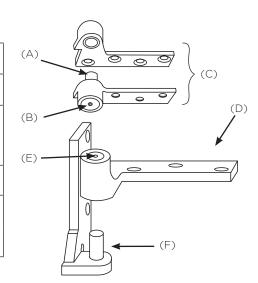


### **ASSA ABLOY**

195 Pivot Set

Right Hand Shown 3/4" Offset Only

| (A)Pivot Stud<br>181770-ASY          | \$10.00  |
|--------------------------------------|----------|
| (B)Hex Cap<br>181778-*               | \$10.50  |
| (D)Door Portion Asy RH<br>19503-*AS  | \$376.00 |
| (D)Door Portion Asy LH<br>19504-*AS  | \$370.00 |
| (E) Cap<br>19511-*                   | \$16.70  |
| (F) Jamb Portion Asy RH<br>19501-*AS | ¢ 401 00 |
| (F) Jamb Portion Asy LH<br>19502-*AS | \$481.00 |



See Page (C)180 Top Pivot 109

| 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.) | \$10.20 |

\*specify finish

### 173 Pivot Set

| Right Hand Shown 3/4" Offset Only  |          | , (A)   |          |     |     |      |  |              |
|--|----------|---------|----------|-----|-----|------|--|--------------|
| (A) Pivot Stud<br>181770-ASY   | \$10.00  |         |          |     | (C) | (C)  | 180 Top Pivot  | See<br>Page  |
| (B) Hex Cap<br>181778-*  | \$10.50  |         |          | 0 0 |     |      |  | 109          |
| (D) Arm Cap and Screw<br>12029-*AS   | \$61.20  | (B)     | 9        |     |     |      |  |              |
| (E) Arm LH<br>11706L*AS<br>(E) Arm RH<br>11705R*AS                             | \$134.00 | (D)     | 0        |     | ,   | 0    |  |              |
| (F) Spindle Stud<br>173003   | \$32.40  | (E)     |          |     |     |      |  |              |
| (G) Spindle collar<br>173001   | \$74.10  | (F) ——  | <b>→</b> |     |     |      | Screw Kits   |              |
| (H) Mounting Bolt<br>173002  | \$38.20  | (G) ——— |          |     |     |      | ew Kit<br>014 - * Machine ( 2 re<br>14 - * Wood (2 req.) | q.)          |
| (J) Floor Anchor<br>173010   | \$24.80  |         |          |     |     | 1070 | Arm Screw Kit<br>044- Machine                            | \$10.20      |
| 1-1/2" Offset Arm  |          | (H) —   | <b>→</b> |     |     | 1071 | 44- Wood   |              |
| (E) 1-1/2" Offset Arm LH<br>11706L15*<br>(E) 1-1/2" Offset Arm RH<br>11705R15* | \$134.00 | (J) ——  | <b>→</b> |     |     |      | *sp  | ecify finisi |

USA & Canada Prices Effective February 1, 2022

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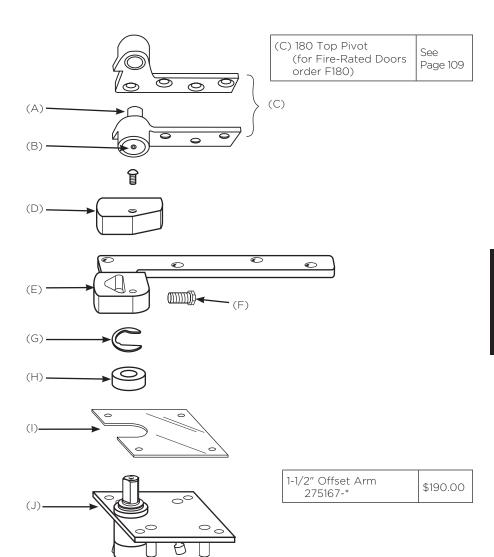


### **ASSA ABLOY**

## **117-1/2, F117-1/2 Pivot Set** Right Hand Shown

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

| (A)Pivot Stud<br>181770-ASY  | \$10.00  |
|--|----------|
| (B) Hex Cap<br>181778-*  | \$10.50  |
| (D)Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$61.20  |
| (E) Arm x Locking Screw<br>3/4" Offset 275177 RH<br>3/4" Offset 275176 LH  | \$122.00 |
| (F) Arm Lock Screw Pkg<br>(5 per)<br>88905-PKG   | \$45.90  |
| (G)Arm Shim Kit (5 per)<br>275065-PKG  | \$24.20  |
| (H)Spindle Shoulder Collar<br>16301A*  | \$40.40  |
| (I) Floor Plate x Screws<br>1174050-*  | \$132.00 |
| (J) 117-1/2 & F117-1/2 Floor<br>Portion Assembly<br>X01176350  | \$823.00 |





\*specify finish

175



# L117, FL117 Pivot Set Right Hand Shown

3/4" Offset Only

| (A)Pivot Stud<br>181770-ASY  | \$10.00  |   |
|--|----------|---|
| (B)Hex Cap<br>181778-*   | \$10.50  |   |
| (D)Arm Cap & Screw<br>012142R*AS (RH, BRS)<br>012142L*AS (LH, BRS)<br>012144R*AS (RH, SS)<br>012144L*AS (LH, SS) | \$61.20  | (C) (C)L180 Top Pivot (for Fire-Rated Doors order FL180)  See Page 109                  |
| (E) Arm x Locking Screw<br>1-3/4" Door 18550-ASY RH<br>18650-ASY LH  | \$229.80 | 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  | \$507.40 | (G) — (H) — (G)   |
| (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   | \$45.90  |   |
| (G)Arm Shim Kit (5 per)<br>275065-PKG  | \$45.90  |   |
| (H)Spindle Shoulder Collar<br>259500-*   | \$117.00 |   |
| (I) Heavy-Duty Thrust-Bearing<br>41204-PKG   | \$130.00 |   |
| (J) Floor Plate x Screws<br>1174050-*  | \$132.00 | Screw Kits  |
| (K)Floor Portion Assembly<br>X01176351<br>Includes 41204-PKG   | \$823.00 | L180/F180 Screw Kit<br>107016 - * Machine ( 2 req.) \$11.60<br>107116 - * Wood (2 req.) |
|  |          | Arm Screw Kit<br>107048 - * Machine ( 2 req.)<br>107114 - * Wood (2 req.) \$10.20       |
|  |          | Floor Plate Screw Kit   |

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

107004 - \* Machine ( 2 req.)

\$10.20

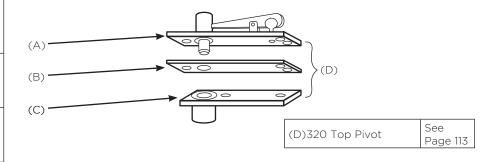
\$60.80

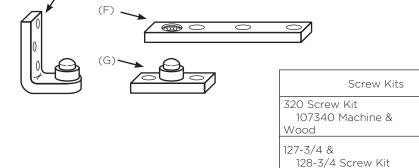


### **ASSA ABLOY**

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

| (A)Top Pivot Jamb Portion<br>640-ASY                            | \$160.00 |
|---|----------|
| (B)Top Pivot Plate x Screws<br>12724-*PK(SS)<br>12720-*PK (BRS) | \$61.20  |
| (C)Top Pivot Door Portion<br>12716                              | \$154.00 |
| (E) Jamb Portion & Stud<br>Assembly 127-3/4 Only<br>12711-*     | \$390.00 |
| (F) Arm & Bearing<br>Assembly<br>12714 Door Portion             | \$112.00 |
| (G)Floor Pivot & Stud<br>Assembly 128-3/4 Only<br>71521-*AS     | \$225.00 |



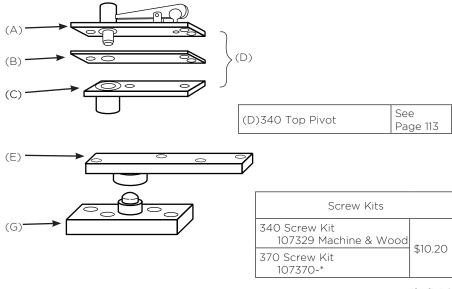


\*specify finish

117127-\*

#### 370 Pivot Set

| (A)Top Pivot Jamb Portion<br>3065                                  | \$150.00 |
|--|----------|
| (B)Finish Plate x<br>Screws<br>012202-*PK (BRS)<br>012204-*PK (SS) | \$61.20  |
| (C)Top Pivot Door Portion<br>30243                                 | \$150.00 |
| (E) Arm<br>22131   | \$170.00 |
| (G)Floor Portion and stud<br>22121-*                               | \$283.70 |



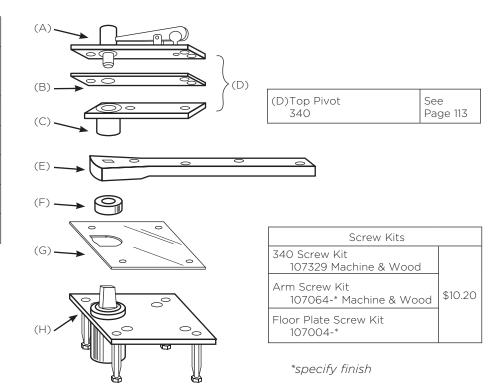
\*specify finish



### **ASSA ABLOY**

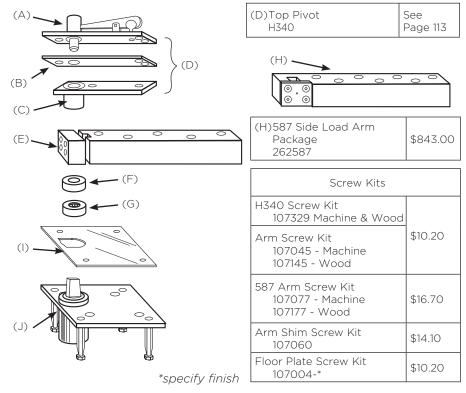
#### 117-3/4 Pivot Set -----

| (A)Top Pivot Jamb Portion<br>065                               | \$150.00 |
|--|----------|
| (B)Top Pivot Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$61.20  |
| (C)Top Pivot Door Portion<br>30243                             | \$150.00 |
| (E) Arm<br>185.75  | \$272.00 |
| (F) Spindle Shoulder<br>16301A                                 | \$40.40  |
| (G)Floor Plate x Screws<br>1174020-*                           | \$133.00 |
| (H)Floor Portion Assembly<br>X01176320                         | \$814.00 |



#### H117-3/4 Pivot Set •

| (A)Top Pivot Jamb Portion<br>308548                            | \$523.00   |
|--|------------|
| (B)Top Pivot Finish Plate<br>012202-*PK(BRS)<br>012204-*PK(SS) | \$61.20    |
| (C)Top Pivot Door Portion<br>30141                             | \$523.00   |
| (E) Standard End Load Arm<br>Package<br>262022                 | \$843.00   |
| (F) Spindle Shoulder Collar<br>259500-*                        | \$117.00   |
| (G)Heavy-Duty Thrust<br>Bearing<br>41204-PKG                   | \$130.00   |
| (I) Floor Plate x Screws<br>1174020-*                          | \$133.00   |
| (J) Floor Portion Assembly<br>X01176322<br>Includes 41204-PKG  | \$1,410.00 |

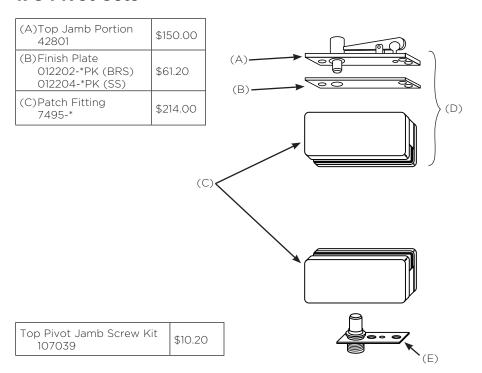




### **ASSA ABLOY**

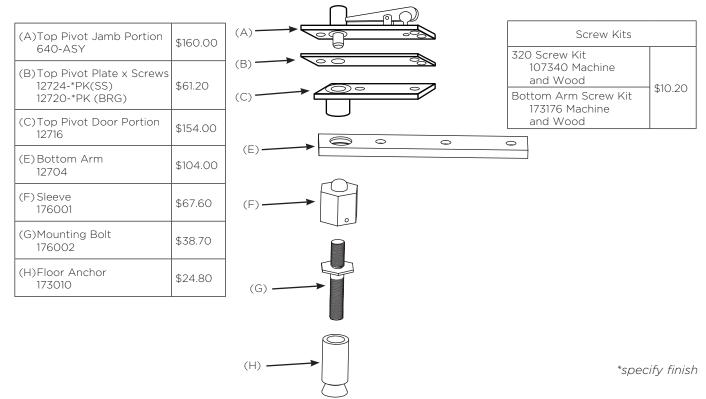
### **Pivots & Pivot Sets Parts Drawings**

#### 178 Pivot Sets ••



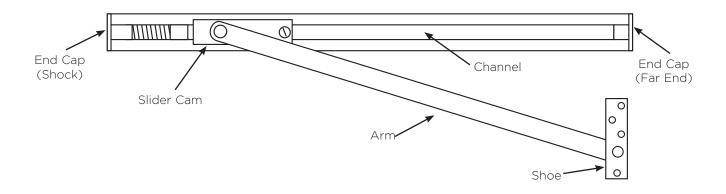
| (D)Top Patch                               | See      |
|--|----------|
| 7494-* PK                                  | Page 90  |
| (E) Bottom Pivot<br>Floor Portion<br>74104 | \$133.00 |

#### 176 Pivot Sets



### **Checkmate® Stops & Holders Parts Drawings**

**Checkmate®** 



| End Cap    | <b>End Caps</b> 1, 2, 9 & 10 only |               |         |
|------------|-----------------------------------|---------------|---------|
| 1 & 9      | Shock End Block                   | 6003          | ¢22.00  |
| 1 & 9      | Far End Block                     | 6004          | \$22.80 |
| 2 & 5      | Far End Block                     | 5059 (2 req.) | \$3.90  |
| 10         | Far End Block                     | 5011 (2 req.) | \$3.00  |
| Screw Kits |                                   |               |         |
| 1          | Friction or Stop                  | 6487-*        | \$42.80 |
| I          | Hold Open                         | 6998N*        | \$58.80 |
| 2          | Friction or Stop                  | 5999-*        | \$82.00 |
| 6          | Stop                              | 6487-*        | \$42.80 |
| 7          | Friction or Stop                  | 3880-*XXXA    | \$57.90 |
| 8          | Friction or Stop                  | 5897-*        | \$54.50 |
|            | Friction or Stop                  | 6468-*        | \$41.50 |
| 9          | Hold Open                         | 6997N*        | \$45.10 |
| 10 & 55    | Friction or Stop                  | 5998-*        | \$69.10 |

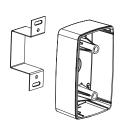
| *specii | y 1 | ini | sh |
|---------|-----|-----|----|
|---------|-----|-----|----|

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

| Adapte | er Kits                       |          |         |
|--------|-------------------------------|----------|---------|
| 2 & 10 | Hold Open Friction<br>Adapter | 5012-PKG | \$30.20 |



#### Accessories



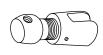
| 1-1/2" (38mm) Extension  |  |  |
|--------------------------|--|--|
| Models 997M, 998M &      |  |  |
| 994M) Mounts behind wall |  |  |
| cover                    |  |  |

XK996M

\* specify finish

Page 125

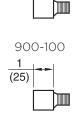
Part 996631M-\*



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

Cannot be used with Model 994

See Page 125



900-50

900-75

3/4 (19)

900-200



1-1/8 (29mm)

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

See Page 125

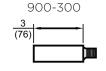


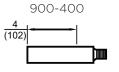
| Armature Extension 90°                   |      |
|--|------|
| Bend                                     |      |
| Part 900-Z                               | Coo  |
| Part 900-Z<br>Must be used with 900 base | See  |
| unit. Those two pieces will              | Page |
| extend armature 3" longer                |      |
| than the contact plate                   |      |

e 125

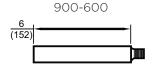
| Extension pieces must be used in conjunction with 900 Base Unit |          |
|---|----------|
| Part 900-50   |          |
| Part 900-75   |          |
| Part 900-100  | See      |
| Part 900-200  | Page 125 |
| Part 900-300  |          |
| Part 900-400  |          |
| Part 900-500  |          |
| Part 900-600  |          |
| Part 900-700  |          |

\*specify finish









900-700 (178)



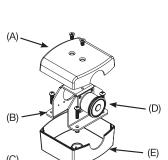
#### Used with Model 980M/981M •

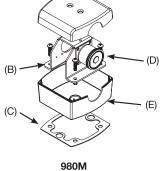
#### **Floor Portion**

| (A)Magnet Housing<br>Cover<br>980311M-*/981311M-* | \$476.30 |
|---|----------|
| (B)Magnet Support Bracket<br>981309               | \$43.70  |
| (C)Gasket<br>980095M                              | \$28.90  |
| (D)Magnet<br>**996219-3V (tri-volt only)          | \$214.00 |
| (E) Magnet Housing Base<br>980312M-*/981312M-*    | \$291.00 |
|   |          |

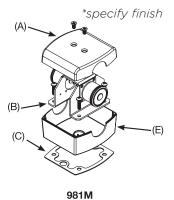
<sup>\*</sup>specify finish

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





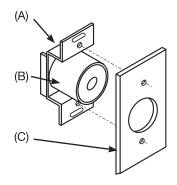




#### Used with Model 990M, 989

| (A)Magnet Bracket<br>990002               | \$46.40  |
|---|----------|
| (B) Magnet<br>**996219-3V (tri-volt only) | \$214.00 |
| (C)Wall Cover Plate<br>990001             | \$77.00  |

<sup>\*</sup>specify finish

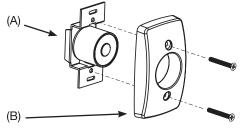


| Screw Kits                     |         |  |
|--------------------------------|---------|--|
| Screw Kit for 990M<br>990300-* | \$34.30 |  |

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

| (A) Magnet Assembly and<br>Bracket<br>**998369-3V (tri-volt | \$247.00 |
|---|----------|
| (B) Cover<br>998315-*                                       | \$96.00  |

<sup>\*</sup>specify finish



| Screw Kits                                  |         |
|---|---------|
| Screw Kit for 997,<br>997M/998M<br>998300-* | ¢70.F0  |
| Screw Kit for 997,<br>998M<br>998303-*      | \$38.50 |

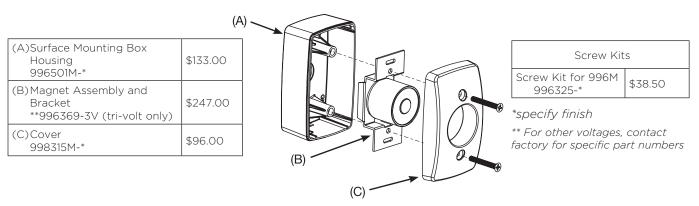
<sup>\*</sup>specify finish

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

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

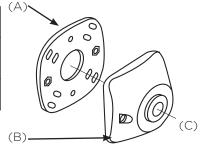


#### Used with Model 996M ---



#### Used with Model 999M

| (A Base Plate<br>999105                  | \$101.00 |
|--|----------|
| (B)Cover<br>999055-*                     | \$377.00 |
| (C)Magnet<br>**996219-3V (tri-volt only) | \$214.00 |



| Screw Kit                 | :S      |
|---------------------------|---------|
| w Kit for 999M<br>99318-* | \$38.50 |

\*specify finish

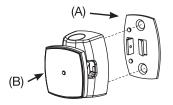
\*\* For other voltages, contact factory for specific part numbers

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

| (A)Backup Plate<br>900314     | **       |
|-------------------------------|----------|
| (B)Door Armature<br>997510M-* | \$172.00 |
| (C)**Door Plate<br>998009     | **       |

\*\*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

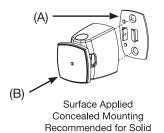


#### Used with Model 998M, 999M

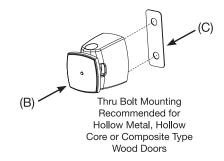
| (A)**Backup Plate<br>900314   | **       |
|-------------------------------|----------|
| (B)Door Armature<br>998512M-* | \$172.00 |
| (C)**Door Plate<br>998009     | **       |

\*\*Not Sold Separately -See Screw Kit

Door portion screws included with Wall/Floor parts.



Wood Doors Only



Screw Kit for 998M 998303-\*

\$38.50

#### Used with Model 994M

| (A)**Backup Plate<br>900314                   | **       |
|---|----------|
| (B)Door Armature<br>994510M-*<br>(includes D) | \$185.00 |
| (C)**Door Plate<br>998009                     | **       |

\*\*Not Sold Separately -See Screw Kit

\*specify finish

Door portion screws included with Wall/Floor parts.

| •  |          |
|--|----------|
| (D)Swivel Armature<br>cannot be used with<br>extension pieces<br>Part# 900-3 | \$122.60 |
|  |          |



Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only

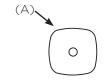


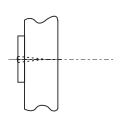
Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors

#### **Used with Model 989**

\$106.00

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



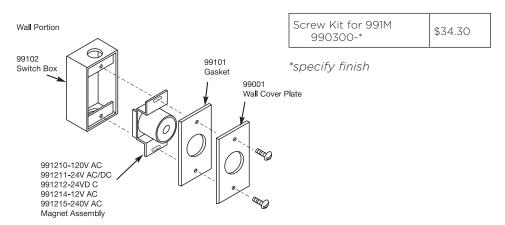


<sup>\*</sup>specify finish



#### Used with Model 991M =

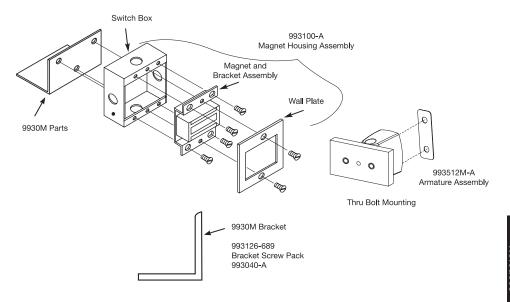
| (A)Switch Box<br>991002   | \$347.00 |
|---|----------|
| (B) Magnet Assembly<br>991210-120 VAC<br>991211-24 VAC/DC<br>991212-24 VDC<br>991214-12 VAC<br>991215-240 VAC | \$543.00 |
| (C)Gasket<br>991001   | \$42.10  |
| (D)Wall Cover Plate<br>990001   | \$77.00  |



### Used with Model 993M/9930M

| (A)Magnet Housing<br>Assembly<br>993100-A | \$892.00 |
|---|----------|
| (B) Armature Assembly<br>993512M-A        | \$611.00 |

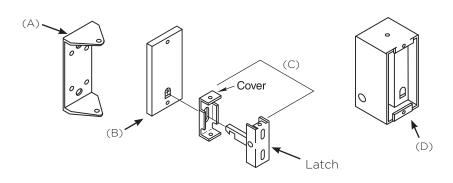
| (C)Bracket for floor<br>mounting (Model<br>9930M)<br>993126-* | \$140.00 |
|---|----------|
| Screw kit for angle<br>bracket<br>993040-*                    | \$49.20  |





#### Used with Model 972H -

| (A)"U" Bracket<br>972041                       | \$119.00 |
|--|----------|
| (B) Cover<br>972102                            | \$168.00 |
| (C)Latch Unit<br>972106                        | \$264.00 |
| (D)Box<br>972100<br>972112<br>972118<br>972120 | \$941.00 |

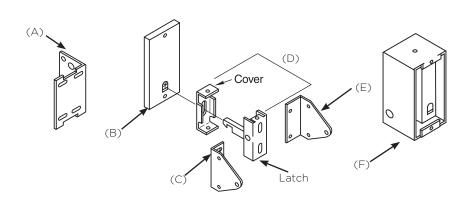


Screw Kit for 972/973H 972190

\$86.00

#### Used with Model 972S

| (A)Angle Bracket<br>972040                      | \$71.40  |
|---|----------|
| (B)Cover<br>972102                              | \$168.00 |
| (C)Flat Latch Bracket<br>972044                 | \$66.10  |
| (D)Latch Unit<br>972106                         | \$264.00 |
| (E) Threaded Latch Bracket 972043               | \$65.80  |
| (F) Box<br>972100<br>972112<br>972118<br>972120 | \$941.00 |

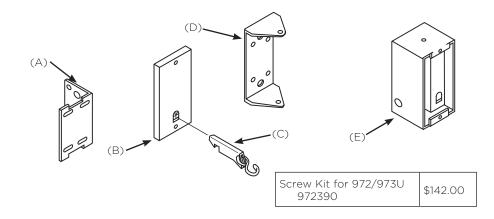


Screw Kit for 972/973S 972290

\$86.00

#### **Used with Model 972U**

| (A)Angle Bracket<br>972040                      | \$71.40  |
|---|----------|
| (B) Cover<br>972102U                            | \$168.00 |
| (C)Latch Arm<br>972105                          | \$86.00  |
| (D)"U" Bracket<br>972041                        | \$119.00 |
| (E) Box<br>972100<br>972112<br>972118<br>972120 | \$941.00 |



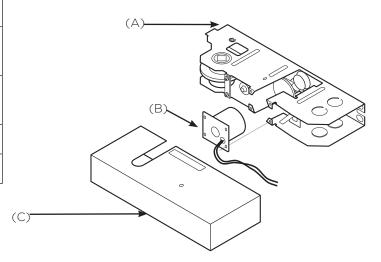
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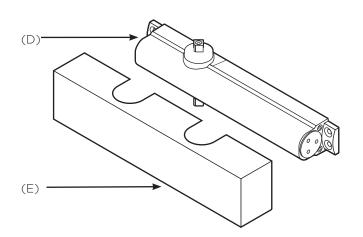
### **Electrified Closer/Holders Parts Drawings**

### **ASSA ABLOY**

#### **SMOK-CHEK® V**

| (A)Holder Assembly<br>550100 120VAC<br>550101 24VAC/DC | \$735.00 |
|--|----------|
| (B) Magnet<br>930105 120VAC<br>930106 24VAC/DC         | \$215.00 |
| (C) Holder Cover<br>(non-detectored)<br>550106-*       | \$204.00 |
| (D) Closer Body<br>85010163-*                          | \$360.00 |
| (E) Closer Cover<br>233069K*                           | \$82.00  |





| Screw Packs                         |                |
|-------------------------------------|----------------|
| 550221-* for models with closers    | <b>*</b> 50.70 |
| 550131-* for models without closers | \$59.70        |

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### **Electrified Closer/Holders Parts Drawings**

# **SMOK-CHEK® V**

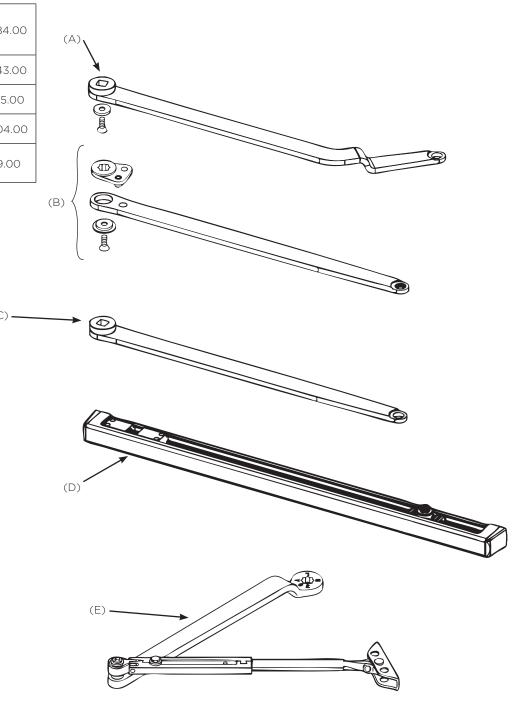
| (A)Deep Reveal<br>Push Side Arm<br>550789-*                            | \$421.00 |              |     |  |
|--|----------|--------------|-----|--|
| (B)Push Side Arm<br>550136K*   | \$244.00 | (A) <b>,</b> |     |  |
| (C)Pull Side Arm<br>550120K-*  | \$244.00 |              |     |  |
| (D)Door Pivot Bracket<br>(Used with 0602/2602<br>models)<br>565118T689 | \$56.30  |              |     |  |
| (E) PA Bracket<br>(Used with 0602/2602<br>models)<br>40-1600-0450-078  | \$33.30  | (B)          |     |  |
| (F) Arm (used with 0602/2602 models) 20-7700-0192-*                    | \$125.00 |              |     |  |
|  |          | (C)          | (F) |  |
|  | (E)      |              |     |  |

### **Electrified Closer/Holders Parts Drawings**

### **ASSA ABLOY**

#### **SMOK-CHEK® VI**

| (A)Double Egress Pull Side<br>15-7200-0517-* (RH)<br>15-7200-0518-* (LH) | \$384.00 |
|--|----------|
| (B)Free Swing Arm<br>15-7200-0516-*                                      | \$343.00 |
| (C)Pull Side Arm<br>15-7200-0515-*                                       | \$105.00 |
| (D)Pull Side Track<br>15-7200-0514-*                                     | \$304.00 |
| (E) Push Side Arm<br>15-7200-0505-*                                      | \$119.00 |
|  |          |



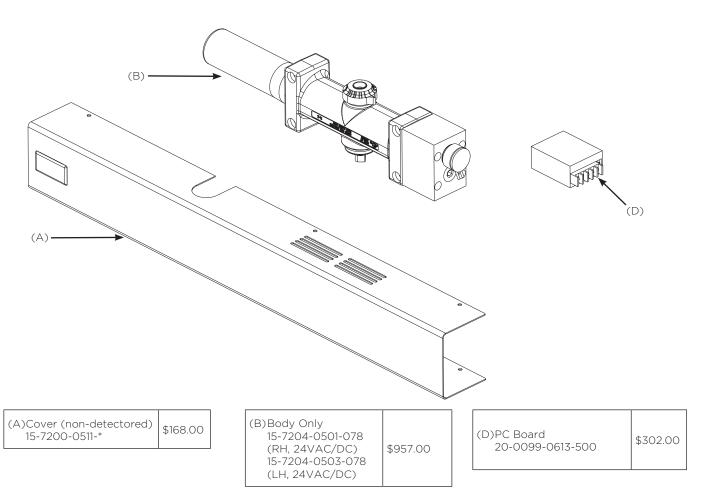
| Sex Bolt Package |  |
|------------------|--|
| 15-7200-0382-*   |  |

\$10.40



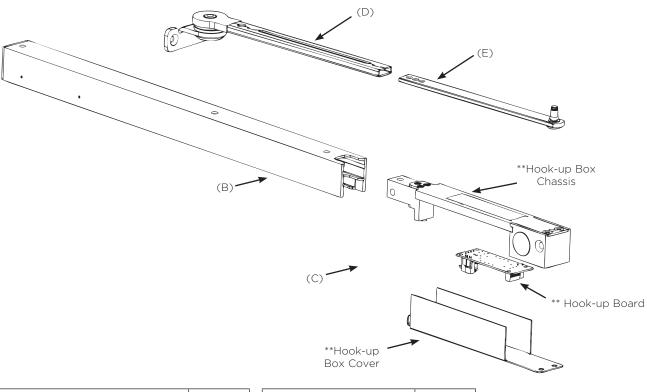
### **Electrified Closer/Holders Parts Drawings**

**SMOK-CHEK® VI** 



# **Electrified Closer/Holders Parts Drawings**

Models 99-726 and 99-926



| Slider Assembly (not visible)<br>20-0099-0337-500                                     | \$96.00  |  |
|---|----------|--|
| (B) Channel (for 99-726)<br>20-0099-0608-* (24V)                                      | \$490.00 |  |
| (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) | \$218.00 |  |
| (C)Hook-Up Box Assembly (for 99-926)<br>20-0099-0600-* (24V)<br>20-0099-0601-* (120V) | \$193.00 |  |
| (D)Arm Bracket & Tube<br>20-0099-0516-*   | \$154.00 |  |
| (E) Adjusting Rod<br>20-0099-0343-*   | \$40.10  |  |

| Screw Kit<br>20-0040-0534-* | \$36.60 |
|-----------------------------|---------|

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

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

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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



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Norton Rixson 3000 Highway 74 E. Monroe, NC 28112 Tel: 877-974-2255 www.NortonRixson.com ASSA ABLOY Door Security Solutions Canada 160 Four Valley Drive, Vaughan, ON L4K 4T9 Tel: 800.461.3007

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