Door Controls

ASSA ABLOY

The global leader in door opening solutions

NORTON | RIXSON

Price List

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Tools and Rules

SERVICE CENTER BUSINESS HOURS

ASSA ABLOY Door Security Solutions

Customer Service - Monroe

1902 Airport Road Monroe, NC 28110 Tel: (800) 438-1951 Fax: (800) 338-0965

Hours of Operation

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

ASSA ABLOY Service Center Inc. - Southwest

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

Hours of Operation

7:30 a.m. - 4:00 p.m. (Pacific)

Norton Technical Product Support

3000 Highway 74 East Monroe, NC 28112 Tel: (877) 974-2255 Fax: (704) 233-1608

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

Hours of Operation

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

HOLIDAY AND INVENTORY SCHEDULE*

Norton Door Controls will be CLOSED on the following dates:

2019 in USA

January 1 April 19 May 27 July 4

September 2

September 27, 28 - INVENTORY

November 28, 29 December 24, 25 2019 in Canada

January 1: New Year's Day January 24: Inventory February 18: Family Day April 19: Good Friday May 20: Victoria Day July 1: Canada Day August 5: Civic Holiday September 3: Labor Day October 14: Thanksgiving December 25: Christmas Day December 26: Boxing Day

^{*} Dates subject to change

ORDERING TIPS

- Please submit Quick Ship Product Orders and Factory Product Orders on separate order forms.
- If you have a Quote, please include it with the purchase order. Orders without this information included may be delayed.
- Be sure to include Finish for all Closers and Most Accessories.
- Be sure to include Voltage on 7100SZ's, 7200's and Power Track® orders.
- Be sure to include Door Width for Unitrol® (UNI's) orders.
- Be sure to include Handing for all #2 Holders, 78-B/F's, 7100SZ's, 7200's, 7900's and Security Closers.
- Be sure to include RA or PA Arms for 78-B/F's.
- Be sure to include Size on 7100SZ's and 7200's.
- Be sure to include Depth of Reveal for Unitrol's Top Jamb (UNIJ's).

CHECKLIST

Before placing your order, check for the following...

- Purchase Order on Company Letterhead
- Purchase Order is Legible
- Purchase Order Number
- Account Number
- Ship To Address
- Contact Person for Additional Information Requirements
- Pricing Requirements Buying Program or CPQ (please attach)
- Quick Ship Order (Quick Ship Order Form or Stock #'s Included)
- Handing (#2 Holders, 78-B/F's, 7100SZ's, 7200's, 7900's and Security Closers)
- Door Width (UNI's)
- Finish (all Closers, most Accessories)
- Size (7100SZ's, 7200's)
- Voltage (7100SZ's, 7200's, Power Track®)
- Depth of Reveal (UNIJ's)
- Arms (RA or PA for 78B/F's)

ORDER FORM

It is recommended that the Door Closers Order Form included on page 6 of this price book be used when placing orders for Norton® products. Copies of this form can also be printed from our website (www.nortondoorcontrols.com).

FAX TO: 800.338.0965

Door Closers Order Form

CUSTOMER ACCOUNT #	#_		PLEASE CHECK PARTIAL SHIP	SHIP COMPLETE	DATE REQUESTED	SOLD TO ADDRESS	
CUSTOMER P.O. #			P.O. DATE	CONTACT PERSON PHONE # FAX #		SHIP TO ADDRESS	
			MARKS If markings are required, pu Stock Condensed Order	MARKS If markings are required, purchase order will be entered to the factory. See Stock Condensed Order Form to include appropriate information.	BUYING PROGRAM OR	OR CPQ NUMBER	
QTY Required	Model Number Required	Finish Required	Voltage Electromech- Power Track® AC/DC	Door Width Depth Of Reveal UNI- Depth of reveal UNI- Door Width	HANDS RH or LH 78-B/F, 7900 Electromech 7200, Metal Covers, HO	Description Options Plated closers must specify plastic or metal cover. If not specified, plastic will be shipped. Size needed.	FOR OFFICE ONLY

WEBSITE

For the latest information regarding Norton® products, visit our website at www.nortondoorcontrols.com. The site is easy to navigate and gives quick access to catalogs, templates, installation instructions, product bulletins, etc.

TEMPLATES AND INSTALLATION INSTRUCTIONS

All Norton® templates and installation instructions are available on our website.

Extranet

Visit www.nortondoorcontrols.com to sign up for Extranet access. To sign up for Extranet, follow the simple instructions listed below. Register today and start enjoying the many benefits! Extranet offers anytime access to:

- Order Status
- Order Check by P.O.
- Stock Status Check
- Cross Reference Guide
- Newsletters
- Online Store
- Contact Webmaster
- Extended Literature (Price Books, Order Forms)
- Fax Program Sign Up
- Order Acknowledgements
- Invoices
- Return Good Authorizations

How to sign up for Extranet access:

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

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FAX PROGRAM

To receive company Acknowledgements, Invoices and Return Good Authorizations quickly and efficiently, sign up for the Fax Program. Note: eBusiness User ID and Password required (refer to page 7)

Step 1: Log onto eBusiness

Step 2: Click on "Customer Service" tab (left side of screen)

Step 3: Click on "Fax Program Signup"

Step 4: Fill in appropriate information

Step 5: Click on "Sign Up For Fax Program"





Terms and Conditions

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

ACCEPTANCE

Norton 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, unless such terms and conditions are approved in a separate written agreement by Norton® authorized representatives. In the event of an acceptance of Purchaser's Purchase Order by Norton, 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 and the Purchaser.

In the event that Norton 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 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 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 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's carrier of choice to a single destination point in the United States. Orders for Norton and RIXSON goods can be combined on one purchase order to meet the \$3,000.00 minimum value for prepaid shipping.

Customer orders with net product value less than \$3,000.00 will be shipped prepaid by NORTON'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 and Door Security Solutions extranet and will go into effect on the 2nd Monday of the quarter. Please refer to the NORTON 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 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 and the full rate for the service, as published by the carrier, will be added to the customer's invoice.

Packing – NORTON will pack, mark and ship the products according to its standard procedures for shipment, unless the parties agree, in writing, that NORTON 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 may, at its sole discretion (a) apply a minimum order charge, (b) reject the order or (c) waive the minimum requirement provided that the waiver of the requirement for one order shall not constitute a waiver of the requirement for any future orders.

QUOTATIONS

If Norton elects to offer a quote, such quote will be valid for one hundred eighty (180) days. 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 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's discretion.

Norton 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 standard list price and regardless of whether Norton 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.

A minimum special handling charge of \$50.00 will be added for non-cataloged product. Any additional labor or material required will be charged accordingly.

Special products require special handling, and therefore standard lead times may not apply. Please consult with your Norton® Sales Representative for further details.

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% restocking fee will apply. Handling charges are billed on Customer's original order.

All Non-Cataloged Goods and NORTON 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.

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

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

RETURNED GOODS

It is the policy of Norton 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 and approved in writing by Sales Management.

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.
- Custom orders and non-cataloged goods, are not returnable.

A **MINIMUM** restocking fee of **45%** will be charged. Upon receipt and verification by Norton that the returned merchandise meets the foregoing conditions, a credit will be issued for the original invoice amount less the **MINIMUM 45%** restocking 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 Sales Representative serving the Purchaser's area.
- Ensure the RGA labels that are sent to Purchaser by Norton 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 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's Limited Warranty, which is included in this Price List and incorporated herein by reference.

PRODUCT MODIFICATIONS

NORTON products are not designed or intended for aftermarket modification. The warranty on NORTON 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 components.

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

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Norten and Division are brands associated with ASSA A

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LIMITED WARRANTY

Yale Security Inc® (the "Company") warrants that its products sold under the NORTON trade name in the United States of America 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 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:

NORTON Door Controls:

5600 Series	1 year
5700, 5800 ADAEZ®, 5900 (Discontinued Sept. 2017), 6000, 6300, 7100SZ SafeZone®, 7200 Electromechanical, 7700 PowerTrack® Series	2 years
160, 1700, 9300BC Series	5 years
78B/F, 210, 410, 2800ST, 7900 Series	10 years
1600 Series	25 years*
7500, 7700 (discontinued Jan. 2015), 8000, 9500, 9540 Series	25 years*

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

*Product must be manufactured after August 1, 2012.

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

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.



USA & Canada Prices Effective June 3, 2019

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Finishes and Fasteners

Norton offers waterborne acrylic, polyester powder coat and plated finishes. Custom finishes are available on special order. Not every finish is available on every closer series; please refer to product catalog or customer service for confirmation. Prices listed in this book are for waterborne (sprayed) or powder coat finishes. Additional charges apply for plated finishes.

ANSI/BHMA	DESCRIPTION
689	Aluminum
690	Dark Bronze
691	Light Bronze
693	Black
694	Medium Amber
696	Satin Brass
613E	Dark Oxidized Satin Bronze - Equivalent
BSP	Black Suede
WSP	White Suede

Closer bodies and plastic covers are available in waterborne acrylic finishes; arms and metal covers are available in powder coat or plated finishes.

ADDITIONAL PLATING CHARGES		
SERIES 8501, 7500, 9500, 9540	605, 606, 611, 612, 619, 625, 626	
Arm	ADD \$317.00	
*Cover - Metal	ADD \$218.00	
Drop Plates	ADD \$191.00	
Sex Nuts	ADD \$30.00	
Soffit Plates	ADD \$97.00	

ANSI/BHMA	DESCRIPTION
605^	Bright Brass
606^	Satin Brass
611^	Bright Bronze
612^	Satin Bronze
619^	Satin Nickel
625^	Bright Chrome
626^	Satin Chrome

[^] Designates plated finishes.

ADDITIONAL PLATING CHARGES		
SERIES 1600BC, 1601	605, 606, 611, 612, 619, 625, 626	
Arm	ADD \$317.00	

ADDITIONAL PLATING CHARGES		
SERIES 7900, 7970	605, 606, 611, 612, 619, 625, 626	
Arm	ADD \$317.00	
Dress Plates	ADD \$317.00	

^{*}Metal cover suffix "M" to closer model number. Cost of metal cover included in additional charge.

SPECIAL FINISHES:

* Contact factory for availability * A set-up fee will be added to EACH purchase order that lists non-standard sprayed or powder coat finishes.	ADD \$800.00
Discount 50% only. Fee will appear as a separate line item on invoice: SETUPDCG.	
600 special rust inhibiting prime coat.	ADD \$36.00
LEAD LINED METAL COVER	ADD \$179.00
GROMMET NUTS: Suffix "TBGN" to model number. Ordered with closer - PKG of 4 each	N/C
SEX NUTS ¹ : Bolts excluded Ordered with closer - Sprayed Steel - PKG of 4 each Ordered with closer - Stainless Steel - PKG of 4 each	ADD \$2.00 ADD \$82.00
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 \$181.00

¹See page 53 for packages.

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)	\$36.00
5S	Dark Bronze (STAT) Spray Paint (690)	
6SB	Gold Spray Paint (696)	
78BSP	Black Suede Powder Coat (BSP)	\$45.00

ASSA ABLOY

USA & Canada Prices Effective June 3, 2019 - Revised 06/06/19



#2 DOOR HOLDER

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)
#2	Door Holder	0	Ф226 00
#2 x 1618D	Door Holder x 1618D Bracket	7 3	\$236.00
9-B, 9-B/C, 9-E/F	Adaptor Plates	_	\$99.00



78-B/F SERIES (4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)	
78B/D-RA	Regular Arm			
78E/F-RA	negulai Aiiii		\$1,127.00	
78B/D-PA	Parallel Arm		\$1,127.00	
78E/F-PA	Parallel Afffi	10		
78B/D-DA*	Delayed Action (Decayler Arm Only)	10	¢1 171 00	
78E/F-DA*	Delayed Action (Regular Arm Only)		\$1,171.00	
78B/D-PRA	Davallal Divid Avea		Ф1 150 00	
78E/F-PRA	Parallel Rigid Arm		\$1,150.00	
^UNI78B/D	Unitrol® Arm	13	Ф1 205 00	
^UNI78E/F	Offition Affi	13	\$1,365.00	
HOLD OPEN				
78B/D-HA	Dogular 00° 100° Holder Arm			
78E/F-HA	Regular 90° - 180° Holder Arm		\$1,173.00	
78B/D-PHA	Parallel 90° - 180° Holder Arm	11	\$1,173.00	
78E/F-PHA	Farallel 90 - 160 Holder ATTI	''		
78B/D-PRHA	Parallel Rigid Hold Open Arm		\$1,206.00	
78E/F-PRHA	i araliei riigid riold Open Aim		Ψ1,200.00	
^UNI78B/D-H	Unitrol® Hold Open Arm	13	\$1,446.00	
^UNI78E/F-H		10	ψ1,440.00	

[^]When Ordering Specify Door Width. *Specify hand - not field reversible.

ASSA ABLOY

door opening solutions

BACKPLATES AND DROP PLATES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696)
88	Parallel Arm Drop Plate	\$104.70
9-B		
9-B/C	Adaptor Plate	\$99.00
9-E/F		

ACCESSORIES

#1-B/F	Soffit Bracket	\$175.00
#2-B/F	Compan Dragal cat	
#5-B/F	Corner Bracket	\$185.00
#6-B/F	Adjustable Bracket	
#7-B/F	Offset Adjustable Bracket	\$269.00
#8-B/F	Combination Bracket	\$185.00
*1618	Standard Soffit Plate, Non-Hold Open	\$31.30
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	\$44.10
*2018D	Blade/Applied Stop Soffit Plate	\$44.10
*2018S	Extra-Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$32.60
^2019S	Standard Spacer Block	\$10.20
*2022	Flush Transom Angle Bracket	
*2403B		\$44.10
*2403-3/4	Molded/Bull Nose Trim Bracket	φ44.10
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$48.00
6191	Unitrol® Wide Frame Reinforcing Kit	\$60.20
6890	Narrow Frame Support Bracket	\$55.00
6891	Clearance/Support Blade Stop	\$55.00

^{*}No charge when ordered with closer.

^{**}Furnished standard with all Parallel Arm Unitrols, no extra.

[^] Furnished standard with NHO and HO heavy-duty arms (PRA, PRHA) When ordering 6191 in place of 6190, no extra.



160 SERIES

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE 6 per case (689, 690)
161BFxTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Non-Hold Open	6	\$197.00
161BFxOP2	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Non-Hold Open, Packed with Cover		\$220.00
164xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Size 4, Non-Hold Open		\$184.00
161BFxTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Hold Open		\$243.00

ACCESSORIES

	160P	Cover	\$19.00
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210 SERIES

Adjustable spring sizes 1-6

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE 4 per case (689, 690)
210xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Non-Hold Open	6.5	\$238.00
210xTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Hold Open	0.5	\$321.00
210xHDN	Heavy-Duty, Non-Hold Open Arm with Removable Stop	7.75	\$341.00
210xHDH	Heavy-Duty, Hold Open Thumbturn Arm with Removable Stop	1.75	\$370.00

ACCESSORIES

210P	Cover	\$28.00
SP210	Screw pack (TPN arm)	\$12.00



410 SERIES

Adjustable spring sizes 1-6

MODEL NO.	EL NO. PRODUCT DESCRIPTION		LIST PRICE 3 per case (689, 690)
410xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Non-Hold Open		\$418.00
410xTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Hold Open	(Regular, Parallel, Top Jamb Mounting); Hold Open 12	
410DAxTPN	Tri-Packed, Non-Hold Open, Delayed Action		\$460.00
410xHDN	Heavy-Duty, Non-Hold Open Arm with Removable Stop		\$472.00
410xHDH	Heavy-Duty, Hold Open Arm with Removable Stop	14	\$503.00
410xCPS	Heavy-Duty, Non-Hold Open Arm w/ Removable Stop and Spring Buffer	Open Arm w/ Removable Stop and Spring Buffer	
410xCPST	Heavy-Duty, Hold Open Arm w/ Removable Stop and Spring Buffer		\$626.00

BACKPLATES AND DROP PLATES

410RDP	Narrow Frame Drop Plate (Regular Arm)	Ф07 OO
410PDP	Narrow Top Rail Drop Plate (Parallel Arm)	\$87.00

ACCESSORIES

410COV	Cover	\$29.00



1600BC SERIES - Specify Size 3 or 4

(6 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)	
1600BC	Regular, Parallel, Top Jamb to 3" Reveal			
J1600BC	Top Jamb Only, Reveals 2-3/4" to 7"	8	\$241.00	
1680BC	Regular Low Profile Arm	0		
P1680BC	Parallel Low Profile Arm			
PR1600BC	Parallel Rigid Arm		\$264.00	
CLP1600BC	CloserPlus® Arm	9	\$303.00	
CPS1600BC	CloserPlus Spring™ Arm		\$453.00	
^UNI1600BC	Unitrol® Door Control	10	\$479.00	
*UNIJ1600BC	Top Jamb, Unitrol® Door Control	10	\$521.00	
CA1600BC	Cushion Stop Arm	8	\$303.00	

HOLD OPEN

1600BCH	Regular, Parallel, Top Jamb to 3" Reveal		\$287.00
J1600BCH	Top Jamb Only, Reveals 2-3/4" to 6-3/4"	0	
PR1600BCH	Parallel Rigid Arm (Handed)		\$320.00
CLP1600BCT	CloserPlus® Arm	9	\$361.00
CPS1600BCT	CloserPlus Spring™ Arm		\$512.00
^UNI1600BCH	Unitrol® Door Control		\$560.00
*UNIJ1600BCH	Top Jamb, Unitrol® Door Control		\$614.00

^{*}When Ordering Specify Reveal.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

OPTION

Р	Cover suffix "P" to model number	Add \$19.00
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Refer to page 12 for plating charges.

[^]When Ordering Specify Door Width.

1601 SERIES - Adjustable Sizes 1 thru 6

(6 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
1601	Regular, Parallel, Top Jamb to 3" Reveal		
J1601	Top Jamb Only, Reveals 2-3/4" to 7"	8	\$241.00
1681	Regular Low Profile Arm		
P1681	Parallel Low Profile Arm		
PR1601	Parallel Rigid Arm		\$264.00
CLP1601	CloserPlus® Arm	9	\$303.00
CPS1601	CloserPlus Spring™ Arm]	\$453.00
^UNI1601	Unitrol® Door Control	10	\$479.00
*UNIJ1601	Top Jamb, Unitrol® Door Control		\$521.00
CA1601	Cushion Stop Arm	8	\$303.00

HOLD OPEN

1601H	Regular, Parallel, Top Jamb to 3" Reveal	8	\$287.00
J1601H	Top Jamb Only, Reveals 2-3/4" to 6-3/4"	0	
PR1601H	Parallel Rigid Arm (Handed)		\$320.00
CLP1601T	CloserPlus® Arm	9	\$361.00
CPS1601T	CloserPlus Spring™ Arm		\$512.00
^UNI1601H	Unitrol® Door Control		\$560.00
*UNIJ1601H	Top Jamb, Unitrol® Door Control		\$614.00

^{*}When Ordering Specify Reveal.

^When Ordering Specify Door Width.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

OPTIONS

Р	Cover suffix "P" to list number	Add \$19.00
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Refer to page 12 for plating charges.

1600BCSS, 1601SS Corrosion **Resistant Closers**

1600BCSS SERIES - Specify Size 3 or 4

(6 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
1600BCSS	Regular, Top Jamb to 3" Reveal		
P1600BCSS	Parallel Arm	8	\$609.00
J1600BCSS	Top Jamb Only, Reveals 2-3/4" to 7"		

1601SS SERIES - Adjustable Sizes 1 thru 6

(6 per case)

NON-HOLD OPEN

1601SS	Regular, Top Jamb to 3" Reveal		
P1601SS	Parallel Arm	8	\$609.00
J1601SS	Top Jamb Only, Reveals 2-3/4" to 7"		

Stainless Steel Closers not discounted beyond 50%. Excluded from Buying Program.

1601SS OPTIONS ONLY

Р	Cover suffix "P" to model number (Stainless Steel cover not available)	Add \$19.00
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BACKPLATES AND DROP PLATES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
1687	Low Ceiling Clearance Drop Plate	
1688	Overhead Holder or Narrow Top Jamb Drop Plate	\$42.00
1688C	Parallel Arm Drop Plate (used when optional cover is supplied)	
1699	Detrofit Adoptor Dioto	\$51.00
2017	Retrofit Adaptor Plate	\$33.90

ACCESSORIES*

*1618A	Standard Soffit Plate, Non-Hold Open	\$26.60
1618A-SS	Stainless Steel Soffit Plate	\$65.40
*1628H	Standard Soffit Plate, Hold Open	\$26.60
1647	Corner Bracket	\$128.00
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	Ф44.1O
*2018D	Blade/Applied Stop Soffit Plate	\$44.10
*2018S	Extra Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$32.60
2022	Flush Transom Angle Bracket	\$44.10
^2019S	Standard Spacer Block	\$10.20
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$22.10
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$33.50
*2403B		
*2403-3/4	Molded/Bull Nose Trim Bracket	\$44.10
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$48.00
6191	Unitrol® Wide Frame Reinforcing Kit	\$60.20
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$106.40
6890	Narrow Frame Support Bracket	\$55.00
6891	Clearance/Support Blade Stop	φυυ.υυ
1600P	Plastic Cover	\$42.00
1639	Pinion Cap	\$5.30

^{*} No charge when ordered with closer.

^{**} Furnished regularly with all Parallel Arm Unitrols, no extra.

[^] Furnished standard with NHO and HO heavy-duty arms (PR, CLP, CPS). When ordering 6191 in place of 6190, no extra.

1700 Closers and Accessories 2800ST Cam Action Door Closers



1700 SERIES (10 per case)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIP WT. (lbs)	LIST PRICE (689, 690)
1700	Regular, Parallel, Top Jamb, Non-Hold Open	3-1/2	\$238.00
1700H	Regular, Parallel, Top Jamb, Hold Open	4	\$272.00

DROP PLATES

	N1756, N1757, N1758	Drop Plates	\$77.00
- 1	111/08	·	



2800ST CAM ACTION

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIP WT. (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)
2800ST	Pull Side, Non-Hold Open	8	\$580.00
2800STH	Pull Side, Hold Open		\$607.00
PS2800ST	Push Side, Non-Hold Open		\$580.00
PS2800STH	Push Side, Hold Open		\$607.00

DROP PLATE AND RETROFIT PLATE

2888	Push Side, Drop Plate	\$49.00



7500 SERIES - Adjustable Sizes 1 thru 6

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
7500	Regular, Parallel or Top Jamb to 3" Reveal		
S7500	Regular Arm Application Only		
JS7500	Top Jamb Application Only; 3" Maximum Reveal		
P7500	Parallel Arm Application Only		
J7500	Top Jamb Only, Reveals 2-3/4" to 7" (to 150°), 7786 Backplate Included		\$520.00
JL7500	Top Jamb Only, Reveals 2-3/4" to 7" (to 180°), 7786 Backplate Included		
J7530	Top Jamb Only, Reveals 0-3", 7786 Backplate Included	13	
7580	Regular Low Profile Arm		
P7580	Parallel Low Profile Arm		
7500ST	Pull Side Slide Track		
7540ST	Pull Side, Low Profile Slide Track		Φ500 00
PS7500ST	Push Side Slide Track		\$582.00
PS7540ST	Push Side, Low Profile Slide Track		
PR7500	Parallel Rigid Arm		\$543.00
CLP7500	CloserPlus® Arm	14	\$582.00
CPS7500	CloserPlus Spring™ Arm		\$732.00
^UNI7500	Unitrol® Door Control	15	\$758.00
*UNIJ7500	Top Jamb, Unitrol® Door Control	15	\$800.00

^{*}When Ordering Specify Reveal.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

Refer to page 12 for plating charges.

The global leader in door opening solutions

[^]When Ordering Specify Door Width.

7500 Closers 7500SS Corrosion Resistant Closers

7500 SERIES - Adjustable Sizes 1 thru 6

(4 per case)

HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
7500H	Regular, Parallel or Top Jamb to 3" Reveal		
J7500H	Top Jamb Only, Reveals 2-3/4" to 6-3/4" (to 150°)]	\$566.00
JL7500H	Top Jamb Only, Reveals 2-3/4" to 6-3/4" (to 180°)] [
7500STH	Pull Side Slide Track	13	
7540STH	Pull Side, Low Profile Slide Track		\$623.00
PS7500STH	Push Side Slide Track		φ023.00
PS7540STH	Push Side, Low Profile Slide Track		
PR7500H	Parallel Rigid Arm (Handed)		\$599.00
CLP7500R	CloserPlus Ramp™ Arm	14	ФС 40, 00
CLP7500T	CloserPlus® Arm	14	\$640.00
CPS7500T	CloserPlus Spring™ Arm		\$791.00
^UNI7500H	Unitrol® Door Control	15	\$839.00
*UNIJ7500H	Top Jamb, Unitrol® Door Control	15	\$893.00

*When Ordering Specify Reveal.

Refer to page 12 for plating charges.

^When Ordering Specify Door Width.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

7500SS SERIES (Non-Hold Open Only)

(4 per case)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
7500SS	Regular Arm or Top Jamb to 3" Reveal		
P7500SS	Parallel Arm	14	\$1,088.00
J7500SS	Top Jamb, Reveals 2-3/4" to 7"]	

Stainless Steel Closers not discounted beyond 50%. Excluded from Buying Program.

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$44.00	
PRO	Offset Soffit Plate prefix "PRO" to model number (N/A in Stainless Steel)	Add \$27.00	
EBC	Enhanced Backcheck suffix "EBC" to model number	Add \$35.00	
М	Metal Cover suffix "M" to model number (N/A in Stainless Steel)	Add \$5.00	
G	G ABS Plastic Cover suffix "G" to model number		
MLL	Lead Lined Metal Cover	Add \$179.00	
DE	Double Egress suffix "DE" to Slide Track model number (handed) hinge side only. (N/A in Stainless Steel)	Add \$80.00	
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included (N/A in Stainless Steel) - See page 54 for Torx® screw packages.	Add \$45.00	

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ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
*1618	Standard Soffit Plate, Non-Hold Open	\$31.30
1618A-SS	Stainless Steel Soffit Plate	\$65.40
*1628H	Standard Soffit Plate, Hold Open	\$26.60
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	\$44.10
*2018D	Blade/Applied Stop Soffit Plate	φ44.10
*2018S	Extra-Clearance Offset Soffit Plate	
~*2019L	Flush Rabbeted Transom Angle Bracket	\$32.60
~^2019S	Standard Spacer Block	\$10.20
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$22.10
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$33.50
*2022	Flush Transom Angle Bracket	
*2403B		\$44.10
*2403-3/4	Molded/Bull Nose Trim Bracket	φ44.10
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$48.00
6191	Unitrol® Wide Frame Reinforcing Kit	\$60.20
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$106.40
~6890	Narrow Frame Support Bracket	\$55.00
~6891	Clearance/Support Blade Stop	φυυίου

^{*} No charge when ordered with closer.

When ordering 6191 in place of 6190, no extra.

When ordering 6191 in place of 6190, no extra.

~Also available with 7570 Security Closers.

Refer to page 12 for plating charges.

COVERS

7700P	7500 Series Plastic Covers - Painted	\$38.00
7700PG	7500 Series ABS Plastic Covers - Painted	
7700M	7700M 7500 Series Metal Covers - Painted	
J7700M	J7500 Series Metal Covers - Painted (Handed)	
7700M	7700M 7500 Series Metal Covers - Plated	
J7700M	J7500 Series Metal Covers - Plated (Handed)	\$261.00

^{**} Furnished regularly with all Parallel Arm Unitrols, no extra.

[^] Furnished standard with NHO and HO heavy-duty arms (PR, CLP, CPS).

7500 Accessories Special Application Closers

BACKPLATES AND DROP PLATES

MODEL NO. PRODUCT DESCRIPTION		LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)	
7786	Narrow Frame Drop Plate		
7786OH	Overhead Door Holder Drop Plate		
7786JP	Slide Track Backplate		
7787	Low Ceiling Clearance Drop Plate	\$89.00	
7788	Narrow Top Rail Drop Plate		
7789	Adapter Plate		
7790	Adaptor Plate for Converting 7404-5-6		
7797	Extra Drop Mounting Bracket	\$227.00	
7798	Standard Drop Corner Bracket		

RETROFIT PLATES

RP75-4040	Replaces LCN 4040	
RP75-4010	Replaces LCN 4010	\$83.00
RP75-M2020	Replaces Rixson® M2020	

SPECIAL APPLICATION CLOSERS

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WT.	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
7706STP	Slider Arm Pocket Door		
7706EPSTP	Slider Affil Pocket Door	10	Ф670 OO
7706DLP	Double Lever Pocket Door (Up to 36" Door)	13	\$678.00
7706EPDLP	Double Lever Pocket Door (37" to 48" Door)		

7570 SERIES WITH SECURITY ARM, SECURITY COVER AND TORX® SCREWS – Adjustable Sizes 1 thru 6 – Specify Hand

(2 per case)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
7570	Regular Rigid Arm	11	\$708.00
PR7570	Parallel Rigid Arm		\$731.00
CLP7570	CloserPlus® Arm	12	\$770.00
CPS7570	CloserPlus Spring™ Arm		\$920.00
CLP7570T	CloserPlus® Arm w/ Thumbturn Hold Open		\$828.00
CPS7570T	CloserPlus Spring™ Arm w/ Thumbturn Hold Open	13	\$979.00
UNI7570	Unitrol® Arm		\$946.00
7570ST	Pull Side Slide Track	12	\$770.00
PS7570ST	Push Side Slide Track	12	φιιυ.00

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$44.00
EBC	Enhanced Backcheck suffix "EBC" to model number	Add \$35.00

SECURITY COVERS

7770MRR	Regular Arm, Right Hand	
7770MRL	Regular Arm, Left Hand	Φ150 OO
7770MPR	Parallel Arm, Right Hand	\$150.00
7770MPL	Parallel Arm, Left Hand	

DROP PLATES

7786	Narrow Frame	\$89.00
7788	Narrow Top Rail	φο9.00

Security Closers are 50% off list only unless special factory quotation applies. Security Closers are excluded from buying programs.

NOTE: Refer to page 24 for Accessories.

7900 Overhead Concealed Closers 7970 Overhead Concealed Security Closers

SIZED AND MULTI-SIZED UNITS AVAILABLE 7900 SERIES - Specify Hand (includes Dress Plate)

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7900	Multi-sized spring 1-6		
7904	Size 4 spring	12	Ф790 OO
7905	Size 5 spring] 12	\$780.00
7906	Size 6 spring		

HOLD OPEN

7900H	Multi-sized spring 1-6		
7904H	Size 4 spring	10	Ф001 00
7905H	Size 5 spring	12	\$821.00
7906H	Size 6 spring		

7970 SERIES - Specify Hand (includes Security Plate and Torx® Screws)

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7970	Multi-sized spring 1-6		
7974	Size 4 spring		\$952.00
7975	Size 5 spring		φ952.00
7976	Size 6 spring		
7970DPS	Door Position Switch, multi-sized spring 1-6	12	
7974DPS	Door Position Switch, size 4 spring		
7975DPS	Door Position Switch, size 5 spring		\$1,066.00
7976DPS	Door Position Switch, size 6 spring		

Security Closers (7970 Series) are 50% off list only unless special factory quotation applies. Security Closers are excluded from buying programs.

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$44.00
EBC	Enhanced BackCheck suffix "EBC" to model number	Add \$35.00
FB	Fire Block suffix FB to model number (available on 7900, 7970 and 7970DPS)	Add \$84.00

Note: Butts and Pivots not furnished. Specify "B", "CP", or "OP" when requesting templates. Refer to page 12 for plating charges.

ASSA ABLOY







8101 8301 8501

8101 SERIES WITHOUT COVER - Adjustable Size 1 thru 6

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8101	Regular, Parallel, Top Jamb to 3" Reveal		
S8101	Regular Arm Application Only]	
JS8101	Top Jamb Application Only; 3" Maximum Reveal	8	\$350.00
P8101	Parallel Arm Application Only]	
J8101	Top Jamb, Reveals 2-3/4" to 7" (to 150°)]	
PR8101	Parallel Rigid Arm	9	\$373.00
8181	Regular Low Profile Arm	0	\$350.00
P8181	Parallel Low Profile Arm	8	
HOLD OPEN			
8101H	Regular, Parallel, Top Jamb to 3" Reveal	0	\$396.00
J8101H	Top Jamb, Reveals 2-3/4" to 6-3/4" (to 150°)	8	
PR8101H	Parallel Rigid Arm (Handed)	9	\$429.00
OPTIONS			
DA	Delayed Action suffix "DA" to model no	umber	Add \$44.00
PRO	Offset Soffit Plate prefix "PRO" to model	number	Add \$27.00

DA	Delayed Action suffix "DA" to model number	Add \$44.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$27.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 54 for Torx® screw packages.	Add \$45.00

8301 SERIES WITH SLIM LINE COVER - Adjustable Size 1 thru 6

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8301	Regular, Parallel or Top Jamb to 3" Reveal		
S8301	Regular Arm Application Only		
JS8301	Top Jamb Application Only; 3" Maximum Reveal]	
P8301	Parallel Arm Application Only		\$368.00
J8301	Top Jamb, Reveals 2-3/4" to 7"		
8381	Regular Low Profile Arm	8	
P8381	Parallel Low Profile Arm	0	
8301ST	Pull Side Slide Track] [
8341ST	Pull Side, Low Profile Slide Track		
J8301ST	Top Jamb, Pull Side Slide Track		\$430.00
PS8301ST	Push Side Slide Track		
PS8341ST	Push Side, Low Profile Slide Track		
PR8301	Parallel Rigid Arm		\$391.00
CLP8301	CloserPlus® Arm	9	\$430.00
CPS8301	CloserPlus Spring™ Arm		\$580.00
^UNI8301	Unitrol® Door Control	40	\$606.00
*UNIJ8301	Top Jamb, Unitrol® Door Control	10	\$648.00

^{*}When Ordering Specify Reveal.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

DA	Delayed Action suffix "DA" to model number	Add \$44.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$27.00
DE	Double Egress suffix "DE" to Slide Track model number (handed) (hinge side only)	Add \$80.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 54 for Torx® screw packages.	Add \$45.00

[^]When Ordering Specify Door Width.

J8301ST - 8146 Drop Plate included.

8301 SERIES WITH SLIM LINE COVER - Adjustable Size 1 thru 6

(4 per case)

HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8301H	Regular, Parallel or Top Jamb to 2-3/4" Reveal		Ф44 4 OO
J8301H	Top Jamb, Reveals 2-3/4" to 6-3/4"] [\$414.00
8301STH	Pull Side Slide Track		
8341STH	Pull Side, Low Profile Slide Track	8	
J8301STH	Top Jamb, Pull Side Slide Track]	\$471.00
PS8301STH	Push Side Slide Track]	
PS8341STH	Push Side, Low Profile Slide Track		
PR8301H	Parallel Rigid Arm (Handed)		\$447.00
CLP8301R	CloserPlus Ramp™ Arm	9	\$488.00
CLP8301T	CloserPlus® Arm] 9	φ 4 00.00
CPS8301T	CloserPlus Spring™ Arm		\$639.00
^UNI8301H	Unitrol® Door Control	10	\$687.00
*UNIJ8301H	Top Jamb, Unitrol® Door Control		\$741.00

^{*}When Ordering Specify Reveal.

J8301H - 8146 Drop Plate included.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

DA	Delayed Action suffix "DA" to model number	Add \$44.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$27.00
DE	Double Egress suffix "DE" to Slide Track model number (handed) (hinge side only)	Add \$80.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 54 for Torx® screw packages.	Add \$45.00

[^]When Ordering Specify Door Width.

8501 SERIES WITH FULL COVER - Adjustable Size 1 thru 6

(4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8501	Regular, Parallel or Top Jamb to 3" Reveal		
S8501	Regular Arm Application Only		
JS8501	Top Jamb Application Only; 3" Maximum Reveal		
P8501	Parallel Arm Application Only		\$381.00
J8501	Top Jamb, Reveals 2-3/4" to 7"		
8581	Regular Low Profile Arm	8	
P8581	Parallel Low Profile Arm) °	
8501ST	Pull Side Slide Track		
8541ST	Pull Side, Low Profile Slide Track		
J8501ST	Top Jamb, Pull Side Slide Track		\$443.00
PS8501ST	Push Side Slide Track		
PS8541ST	Push Side, Low Profile Slide Track		
PR8501	Parallel Rigid Arm		\$404.00
CLP8501	CloserPlus® Arm	9	\$443.00
CPS8501	CloserPlus Spring™ Arm		\$593.00
^UNI8501	Unitrol® Door Control	40	\$619.00
*UNIJ8501	Top Jamb, Unitrol® Door Control	10	\$661.00

^{*}When Ordering Specify Reveal.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

Refer to page 12 for plating charges.

DA	Delayed Action suffix "DA" to model number Add \$44.00		
PRO	Offset Soffit Plate prefix "PRO" to model number Add \$		
А	Plastic Architectural Cover suffix "A" to model number (painted only)	Add \$0.00	
G	Plastic ABS cover suffix "G" to model number (painted only)	Add \$5.00	
AG	Plastic Architectural ABS Cover suffix "AG" to model number (painted only)		
М	Metal Cover suffix "M" to model number	Add \$8.00	
MA	Metal Architectural Cover suffix "MA" to model number (painted finishes)		
MLL	Lead Lined Metal Cover	Add \$179.00	
DE	Double Egress prefix "DE" to model number (handed)	Add \$80.00	
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 54 for Torx® screw packages.	Add \$45.00	

[^]When Ordering Specify Door Width. J8501ST - 8146 Drop Plate included.

8501 SERIES WITH FULL COVER - Adjustable Size 1 thru 6

(4 per case)

HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8501H	Regular, Parallel or Top Jamb to 2-3/4" Reveal		Ф407 OO
J8501H	Top Jamb, Reveals 2-3/4" to 6-3/4"]	\$427.00
8501STH	Pull Side Slide Track		
8541STH	Pull Side, Low Profile Slide Track	8	
J8501STH	Top Jamb, Pull Side Slide Track]	\$484.00
PS8501STH	Push Side Slide Track		
PS8541STH	Push Side, Low Profile Slide Track		
PR8501H	Parallel Rigid Arm (Handed)		\$460.00
CLP8501R	CloserPlus Ramp™ Arm	9	\$501.00
CLP8501T	CloserPlus® Arm	9	Φ301.00
CPS8501T	CloserPlus Spring™ Arm		\$652.00
^UNI8501H	Unitrol® Door Control	10	\$700.00
*UNIJ8501H	Top Jamb, Unitrol® Door Control	10	\$754.00

^{*}When Ordering Specify Reveal.

J8501STH - 8146 Drop Plate included.

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

Refer to page 12 for plating charges.

DA	Delayed Action suffix "DA" to model number	Add \$44.00	
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$27.00	
А	Plastic Architectural Cover suffix "A" to model number (painted only)	Add \$0.00	
G	Plastic ABS cover suffix "G" to model number (painted only)	ላ ላላ ጥር 00	
AG	Plastic Architectural ABS Cover suffix "AG" to model number (painted only)	Add \$5.00	
М	Metal Cover suffix "M" to model number	Add \$8.00	
MA	Metal Architectural Cover suffix "MA" to model number (painted finishes)		
MLL	Lead Lined Metal Cover Add \$179.		
DE	Double Egress prefix "DE" to model number (handed)	Add \$80.00	
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 54 for Torx® screw packages. Add \$4		

[^]When Ordering Specify Door Width.

BACKPLATES AND DROP PLATES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
8146	Narrow Top Rail/Concealed Door Holder Drop Plate	
8148	Low Ceiling Clearance Drop Plate	Φ50.00
8158	Exposed-Back/Narrow Top Rail Drop Plate	\$50.00
8445	Molded Full Cover Decorative Backplate	
8446	Exposed-Back Drop Plate Kit	\$100.00
8545	Figure 2 Deal Deal Particlete	\$50.00
8545A	Exposed-Back Backplate	\$61.00
8546	Canacalad Daay Halday Dyan Dlata	\$50.00
8546A	Concealed Door Holder Drop Plate	\$97.00
8547	Low Colling Clearance/Overbood Deer Holder Drep Diete	
8547A	Low Ceiling Clearance/Overhead Door Holder Drop Plate	ФС4 ОО
8548		\$61.00
8548A	E accord Doub Alexan Tou Doll Days Plan	
8549	Exposed-Back/Narrow Top Rail Drop Plate	\$100.00
8549A		\$111.00

Refer to page 12 for plating charges.

ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
*1618A	Standard Soffit Plate, Non-Hold Open	ФОС CO
*1628H	Standard Soffit Plate, Hold Open	\$26.60
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	Φ44.4O
*2018D	Blade/Applied Stop Soffit Plate	\$44.10
*2018S	Extra Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$32.60
^2019S	Standard Spacer Block	\$10.20
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$22.10
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$33.50
*2022	Flush Transom Angle Bracket	
*2403B		\$44.10
*2403-3/4	Molded/Bull Nose Trim Bracket	
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$48.00
6191	Unitrol® Wide Frame Reinforcing Kit	\$60.20
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$106.40
6890	Narrow Frame Support Bracket	
6891	Clearance/Support Blade Stop	\$55.00

^{*}No charge when ordered with closer.

When ordering 6191 in place of 6190, no extra.

Refer to page 12 for plating charges.

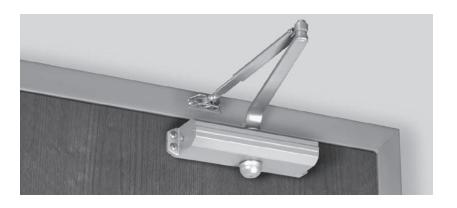
COVERS

8200P	Plastic Slim-Line Cover	\$18.00
8200PG	ABS Plastic Slim-Line Cover	\$26.00
1639	Pinion Cap (used with Slim-Line Cover)	\$5.30
8400P	Plastic Full Cover	\$31.00
8400PG	ABS Plastic Full Cover	\$37.00
8400A	Optional Plastic Architectural Cover	\$31.00
8400AG	Optional Plastic Architectural ABS Cover	\$37.00
8400M	Metal Cover	\$39.00
8400M	When Ordered with Closer in Place of 8400P	\$8.00
8400MA	Optional Metal Architectural Cover	\$39.00
8400MA	When Ordered with Closer in Place of 8400P	\$8.00

The global leader in door opening solutions

^{**} Furnished regularly with all Parallel Arm Unitrols.

[^] Furnished standard with NHO and HO heavy-duty arms (PR, CLP, CPS).



9300BC SERIES - Specify Size 3 or 4

(6 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)
9303BC	Decuder Arm		
9304BC	Regular Arm	6	Ф050 00
P9303BC	Parallel Arm	6	\$250.00
P9304BC			

HOLD OPEN

9303BCH	Decretor Hold Ones Avec		
9304BCH	Regular Hold Open Arm	G	\$296.00
P9303BCH	David Halidada Oracia Avisa	0	φ290.00
P9304BCH	Parallel Hold Open Arm		

NON-HOLD OPEN

NON-HOLD OF EN				
MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)	
9303BC x 9318A	Degular Arm W/ Derallal Dreaket and Chae	6	Ф260 00	
9304BC x 9318A	Regular Arm w/ Parallel Bracket and Shoe	6	\$260.00	
HOLD OPEN				
9303BCH x 9328H	Regular Hold Open Arm w/Parallel Bracket and Shoe	6	\$306.00	
9304BCH x 9328H				
ACCESSORIES				
9318A	Parallel Arm Bracket, Non-Hold Open		Фос со	
9328H	Parallel Arm Bracket, Hold O	pen	\$26.60	
DROP PLATE				
9388	Drop Plate		\$42.00	



9500 SERIES - ADJUSTABLE SIZES 1 THRU 6

(4 PER CASE)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
9500	Regular, Parallel or Top Jamb to 3" Reveal		\$565.00
9500ST	Pull Side Slide Track	14	\$627.00
PS9500ST	Push Side Slide Track		
PR9500	Parallel Rigid Arm		\$588.00
PRO9500	Parallel Rigid Offset Arm	15	\$592.00
CLP9500	CloserPlus® Arm	15	\$627.00
R9500	Regular Rigid Arm		\$610.00
^UNI9500	Unitrol® Arm	16	\$803.00

HOLD OPEN (4 PER CASE)

9500H	Regular, Parallel or Top Jamb to 3" Reveal	14	\$611.00
9500STH	Pull Side Slide Track		ФС70 00
PS9500STH	Push Side Slide Track		\$673.00
PR9500H	Parallel Rigid Arm (Handed)		\$634.00
PRO9500H	Parallel Rigid Offset Arm (Handed)	15	\$638.00
CLP9500T	CloserPlus® Arm		\$673.00
^UNI9500H	Unitrol® Arm	16	\$849.00

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$44.00
М	Metal Cover suffix "M" to model number	Add \$12.00

[^] When ordering specify door width.

SNB furnished standard with ST, PR, CLP and UNI arms.

Refer to page 12 for plating charges.

DROP PLATES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
9586	Narrow Top Rail Drop Plate for Regular Arm or Pull Side Track	
9587	Narrow Top Rail Drop Plate for Top Jamb Applications	\$84.00
9588	Narrow Top Rail Drop Plate for Parallel Arm or Push Side Track	

ACCESSORIES

		·
9500-CMB	Closer Mounting Bracket	\$21.00
9500-MAB	Mortise Arm Bracket for Regular Arm Mounting	\$54.00
*9518	Parallel Arm Non-Hold Open Bracket	\$6.00
9528H	Parallel Arm Hold Open Bracket	\$43.00
9500-OB	Parallel Arm Offset Bracket	\$27.00
9500-PFTB	Parallel Arm Flush Transom Bracket	\$43.00
9500-RB	Reinforcing Bracket	\$37.00
9500-DRK	Deep Reveal Reinforcement Kit	\$50.00
9500-FPB	Flush Partition Bracket	\$35.00
9500-AB	Angle Support Bracket	\$43.00
9500-FTB	Flush Transom Bracket	\$26.00
9500-1/2SP	1/2" Blade Stop Spacer	\$25.00
9500-5/8SP	5/8" Blade Stop Spacer	\$44.00

^{*} No charge when ordered with closer. Refer to page 12 for plating charges.

COVERS

9500P	Plastic Cover - Painted	\$60.00
9500COVM-L	Metal Cover - Painted (Left Hand)	\$75.00
9500COVM-R	Metal Cover - Painted (Right Hand)	\$75.00
9500COVM-L	Metal Cover - Plated (Left Hand)	\$218.00
9500COVM-R	Metal Cover - Plated (Right Hand)	Φ216.00



9540 SERIES - ADUSTABLE SIZES 1 THRU 6

(4 PER CASE)

Non-Hold Open, Tri-Packed, Threaded Arm

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPG. WGT. (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)	
9540	Regular, Parallel or Top Jamb to 2-9/16"	14	\$553.00	
OPTIONS				
DA	Delayed Action suffix "DA" to Model Number		Add \$44.00	
М	Metal Cover suffix "M" to Model Number; Specify H	anding	Add \$12.00	
DROP PLATES				
9540-18	Regular Arm Application			
9540-18TJ	Top Jamb Application		\$80.00	
9540-18PA	Parallel Arm Applications			
COVERS				
9500P	Plastic Cover - Painted		\$60.00	
9540M-1	Metal Cover, Right Hand Application, Painted	d	\$73.00	
9540M-2	Metal Cover, Left Hand Application, Painted		\$73.00	
9540M-1PL	Metal Cover, Right Hand Application, Plated		Ф007.00	
9540M-2PL	Metal Cover, Left Hand Application, Plated		\$237.00	
ACCESSORIES				
9540-CMB	I-CMB Mounting Bracket		\$181.00	
9500LAP	Closer Body Only		\$484.00	
SP9540	Standard Screw Pack		\$49.00	
SP9540SNB	Sex Nuts and Bolts (SNB) for 1-3/4" Door		\$18.00	
SP9500COV	OCOV Cover Screw Pack		\$11.00	

Refer to page 12 for plating charges.



5600 SERIES

SLIDE TRACK ARMS (PULL SIDE)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPG. WGT. (lbs)	(689, 690, BSP, WSP)
5610	Pull Side; Rigid Arm and Slide Track	20	\$1,655.00
5610-RF1	Radio Frequency; Rigid Arm and Slide Track (Power Supply Included)	20	\$1,775.00
DOUBLE LEV	ER ARMS (PUSH SIDE)		
5630	Push Side; Double Lever Arm	20	\$1,655.00
5630-RF1	Radio Frequency; Double Lever Arm (Power Supply Included)	20	\$1,775.00
KITS			
5610K1	5610 Operator with Onboard Power Supply and (1) 700 Switch	20	\$1,863.00
5610K1-SC	5610 Operator with Onboard Power Supply, (1) 700 Switch and (1) HES 5000C Strike (for Cylindrical Locks)	22	\$2,017.00
5610K1-SM	5610 Operator with Onboard Power Supply, (1) 700 Switch and (1) HES 1006CLB Strike (for Mortise Locks)	22	\$2,400.00
5630K1	5630 Operator with Onboard Power Supply and (1) 700 Switch	20	\$1,863.00
5630K1-SC	5630 Operator with Onboard Power Supply, (1) 700 Switch and (1) HES 5000C Strike (for Cylindrical Locks)	22	\$2,017.00
5630K1-SM	5630 Operator with Onboard Power Supply, (1) 700 Switch and (1) HES 1006CLB Strike (for Mortise Locks)	22	\$2,400.00
5610EX	5610RF Operator and (1) 536 Transmitter	20	\$1,896.00
5630EX	5630RF Operator and (1) 536 Transmitter	20	Φ1,090.00
OPTIONS			
PC	Power Cord (suffix "PC" to model number)		Add \$22.00

See page 46 for Accessories.



5700 SERIES

SLIDE TRACK ARMS (PULL SIDE)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
5710	Pull Side, closer sizes 1-6		\$3,042.00
5710-RF1	Pull Side, Radio Frequency, closer sizes 1-6	20	\$3,162.00
5710DMY	Dummy unit, closer sizes 1-6		\$1,394.00
		-	_

DOUBLE LEVER ARMS (PUSH SIDE)

5730	Push Side, closer sizes 1-6		\$3,042.00
5730-RF1	Push Side, Radio Frequency, closer size 1-6	20	\$3,162.00
5730DMY	Dummy unit, closer sizes 1-6		\$1,394.00

UNIVERSAL UNIT (INCLUDES PUSH OR PULL SIDE ARMS)

5740	Push or Pull Side, closer sizes 1-6	01	\$3,075.00
5740-RF1	Push or Pull Side, Radio Frequency, closer sizes 1-6	21	\$3,195.00

KIT

5740K3	Includes 5710 pull operator, 7701-1A push arm assembly, power cord, (2) ADA1019-1 push buttons and (2) 548 receivers	40	\$3,550.00
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OPTIONS

PC	Power Cord (suffix "PC" to model number)	Add \$22.00

See page 46 for Accessories.



5800 SERIES ADAEZ (1 per case)

PRO

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIP WT (lbs)	LIST PRICE (693T, 689)
5831xNPB	Operator + Narrow Style Push Buttons, Push Side	20	\$3,283.00
5811xNPB	Operator + Narrow Style Push Buttons, Pull Side		
5831xSQPB	Operator + Square Style Push Buttons, Push Side		ΦΩ ΩΩΩ ΩΩ
5811xSQPB	Operator + Square Style Push Buttons, Pull Side		\$3,333.00

PRO PLUS

5833xNPB	Operator + Narrow Style Push Buttons + ADA1015P Hardwire Kit, Push Side	20	\$3,383.00	
5813xNPB	Operator + Narrow Style Push Buttons + ADA1015P Hardwire Kit, Pull Side			
5833xSQPB	Operator + Square Style Push Buttons + ADA1015P Hardwire Kit, Push Side		Φο 400 00	
5813xSQPB	Operator + Square Style Push Buttons + ADA1015P Hardwire Kit, Pull Side		\$3,433.00	

PRO COMPLETE

5845xNPB	Operator + Narrow Style Push Buttons + ADA1015P Hardwire Kit, Push or Pull Side Mounting Hardware, Black & Aluminum Finish Covers	-	\$3,467.00
5845xSQPB	Operator + Square Style Push Buttons + ADA1015P Hardwire Kit, Push or Pull Side Mounting Hardware, Black & Aluminum Finish Covers	20	\$3,517.00
5845xWTO	Operator + Wave-to-Open Touch-less Wall Switch + ADA1015P Hardwire Kit, Push or Pull Side Mounting Hardware, Black & Aluminum Finish Covers		\$3,621.00

PRO CUSTOM (WITHOUT PUSH BUTTONS)

5831xLPB	Operator, Push Side	20	\$3.033.00
5811xLPB	Operator, Pull Side	20	φ3,033.00

See page 47 for Accessories.



6011 Shown

6000 SERIES - SINGLE DOORS

(1 per case)

PULL SIDE MOUNTING

MODEL NO.	PRODUCT DESCRIPTION	COVER LENGTH	APPROX. SHIPPING WGT. (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
6010	Slide Track Arm	31-5/8"	33	\$5,643.00
6011	Slide Ifack Affi	37-1/2"	39	
6050R	Double Egress Arm, RH, Standard Duty to 110°	31-5/8"	33	Φ5 710 00
6050L	Double Egress Arm, LH, Standard Duty to 110°	31-5/6		
6051R	Double Egress Arm, RH, Standard Duty to 110°	37-1/2"	7-1/2" 39	\$5,710.00
6051L	Double Egress Arm, LH, Standard Duty to 110°			

PUSH SIDE MOUNTING

6020	Double Lever Arm, Standard Duty to 110°	31-5/8"	33	
6021	Double Lever Arm, Standard Duty to 110	37-1/2"	39	\$5,416.00
6030	Double Lover Arm Ctandard Duty to 1909	31-5/8"	33	\$5,416.00
6031	Double Lever Arm, Standard Duty to 180°	37-1/2"	39	
6060	Double Lever Arm, H.D 2-1/4" to 4-3/4" Reveals	31-5/8"	33	
6061	Double Lever Arm, n.D 2-1/4 to 4-3/4 Reveals	37-1/2"	39	ΦE 642 00
6070	Double Lever Arm, H.D 4-13/16" to 7-3/8" Reveals	31-5/8"	33	\$5,643.00
6071	Double Lever Arm, n.D 4-13/16 to 7-3/8 Reveals	37-1/2"	39	

OPTIONS

RF	Radio Frequency	Add \$120.00
D1	Drop Plate; suffix D1 (36" width) or D2 (37" or wider) to model numbers	V 44 6100 00
D2	6020, 6021, 6030, 6031, 6060, 6061, 6070 or 6071	Add \$133.00

See page 46 for Accessories.

DUMMY UNITS

6010DMY		31-5/8"	23.75	\$1,755.00
6011DMY		37-1/2"	33	\$1,755.00
6020DMY		31-5/8"	23.75	
6021DMY		37-1/2"	33	Φ1 F61 OO
6030DMY		31-5/8"	23.75	\$1,561.00
6031DMY	Includes (1) door closer	37-1/2"	33	
6050R-DMY	Includes (1) door closer	31-5/8"	23.75	
6050L-DMY	mounted to the operator back plate;	31-5/8"	23.75	Φ1 201 00
6051R-DMY	stardard operator cover shipped	37-1/2"	33	\$1,821.00
6051L-DMY		37-1/2"	33	
6060DMY		31-5/8"	23.75	
6061DMY		37-1/2"	33	Φ1 755 OO
6070DMY		31-5/8	23.75	\$1,755.00
6071DMY		37-1/2"	33	

ASSA ABLOY

USA & Canada Prices Effective June 3, 2019 - Revised 06/06/19, 08/09/19



6000 SERIES - DOUBLE DOORS

(1 per case)

PULL SIDE MOUNTING - SPECIFY 36, 42" OR 48" WHEN ORDERING

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
D6011-36	Slide Track Arm	70	\$7,850.00
D6051-36	Double Egress Arm, Standard Duty to 110°	76	\$8,150.00

PUSH SIDE MOUNTING - SPECIFY 36, 42" OR 48" WHEN ORDERING

D6021-36	Double Lever Arm, Standard Duty to 110°	76	\$7.802.00
D6031-36	Double Lever Arm, Standard Duty to 180°		\$7,002.00
D6061-36	Double Lever Arm, H.D 2-1/4" to 4-3/4" Reveals		\$7.850.00
D6071-36	Double Lever Arm, H.D 4-13/16" to 7-3/8" Reveals		\$7,650.00

OPTIONS

RF	Radio Frequency	Add \$120.00
D	Drop Plate suffix "D" to model number; D6021, D6031, D6061, D6071 series only	Add \$133.00
Wider	42" Door Width (examples: D6011-42, D6061-42, etc.)	Add \$50.00
Doors	48" Door Width (examples: D6051-48, D6071-48, etc.)	Add \$100.00

See page 46 for Accessories.

DUMMY UNITS

D6011-36DMY	Includes: (1) operator plus (1) door closer mounted to the operator back plate; standard operator cover shipped		\$4,500.00
D6021-36DMY			\$4,452.00
D6031-36DMY		67	Φ4,402.00
D6051-36DMY		07	\$4,750.00
D6061-36DMY			\$4,750.00
D6071-36DMY			\$4,500.00

OPTIONS

Wider	42" Door Width (example: D6011-42DMY)	Add \$50.00
Doors	48" Door Width (example: D6071-48DMY)	Add \$100.00

ASSA ABLOY

USA & Canada Prices Effective June 3, 2019 - Revised 06/06/19



6300 SERIES

PULL SIDE

MODEL NO.	PRODUCT DESCRIPTION	OVERALL LENGTH	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)
6311	Digid Arm & Clida Track	37-3/8"		\$2 924 AA
6312	Rigid Arm & Slide Track	39-5/8"		\$3,824.00
6351R	Double Egress Arm, Right Hand	37-3/8" 28		
6351L	Double Egress Arm, Left Hand	37-3/6	28	\$3,886.00
6352R	Double Egress Arm, Right Hand	39-5/8"		φა,oo0.00
6352L	Double Egress Arm, Left Hand	39-5/8		

PUSH SIDE

6331	Double Lover Arm	37-3/8"	28	ΦΩ ΩΩ4 ΩΩ	
6332	Double Lever Arm	39-5/8"		\$3,824.00	

UNIVERSAL (PUSH AND PULL)

6341	Rigid Arm & Slide Track	37-3/8"	00	Ф0 001 00
6342	and Double Lever Arms Included	39-5/8"	20	\$3,921.00

Note: Models 6312, 6332, 6342 and 6352 cannot be used on pairs of 36" doors. See page 46 for Accessories.

ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
501	Door Switch - 4-1/2" sq., Stainless/black letters	ф170 OO
502	Door Switch - 4-1/2" sq., Blue/white letters, ADA symbol	\$172.00
505	Door Switch - 6" sq., Stainless/blue letters, ADA symbol, Hard Wired	\$166.00
531	Door Switch - 6" sq., Stainless/blue letters, ADA symbol, RF	\$273.00
507	Door Switch - 6" sq., Stainless/blue letters, Hard Wired	\$166.00
532	Door Switch - 6" sq., Stainless/blue letters, RF	\$273.00
506	Door Switch - 6" round, Stainless/blue letters, ADA symbol, Hard Wired	\$166.00
533	Door Switch - 6" round, Stainless/blue letters, ADA symbol, RF	\$273.00
534	Door Switch - 6" round, Stainless/blue letters, Hard Wired	\$172.00
535	Door Switch - 6" round, Stainless/blue letters, RF	\$273.00
503	Door Switch - 1-1/2"x 4-3/4", Stainless/blue letters	\$133.00
504	Vestibule Switches - 1-1/2"x 4-3/4", Stainless/blue letters	\$286.00
542	4-1/2" square surface mount box only for 501, 502	\$55.10
555	6" square surface mount box only for 505, 507	\$68.10
557	6" round surface mount box only for 506, 534	φοο. το
559	Narrow Jamb Surface Mount Box for 503	\$443.00
700	Touch Less Wall Switch - width: 2-3/4" (single), 4-1/2" (double)	\$443.00
536	Single Channel Hand Held Transmitter	\$119.00
538	Double Channel Hand Held Transmitter	\$150.00
539	Radio Frequency Receiver	\$140.00
663	Motion Sensor	\$609.00
530	Switch Post, RF Transmitter 433MHz (5700, 6000, 6300 Series)	\$897.00
530Post	Post Only (5700, 6000, 6300 Series)	\$672.00
500	Switch Post, Hard Wired (5700, 6000, 6300 Series)	\$792.00
638	Low Profile Push Plate - 36" x 6", RF (433MHz)	\$1,104.00
639	Low Profile Push Plate - 36" x 6", Hard Wired	\$986.00
548	Radio Frequency Transmitter - 9V	\$129.00
5900EXPKG	Executive Package (6300 Series)	\$235.00
679	Operational Signs	\$43.00
682	Cianaga Vit	Ф7 OO
681	Signage Kit	\$7.00
585	Presence Sensor (6000, 6300 Series)	\$563.00

ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
ADA1001	Door Arm Assembly	\$210.00	
ADA1006	Operator Mounting Bracket With Covers	\$100.00	
ADA1009	Mounting Hardware for Aluminum, Wood, and Hollow Metal	\$102.00	
ADA1002	Operator Dress Cover Black Finish	Ф4 40 00	
ADA1004	Operator Dress Cover Aluminum Finish	\$140.00	
ADA1005P	Electronic Control Kit - Setup and PC Board - PRO Series	les	
ADA1005WP	Electronic Control Kit for PRO Setup and PC Board (White Board)	Φ554.00	
ADA1005NY Electronic Control Kit - Setup and PC Board - NYC-TRD Series		\$554.00	
ADA1005WN	Electronic Control Kit for NYC-TRD Setup and PC Board (White Board)	7	
ADA1010P	Operator Body - Non Handed - EL-CNTL Included - Pro Series (direct replacement of former part # 1010L and 1010R)	\$3,126.00	
ADA1010NY	Operator Body - Non Handed - EL-CNTL Included - NYC-TRD Series	7	
ADA1007P	Battery Assembly - PRO Series (replaces part 1007)	\$214.00	
ADA1023			
ADA1015P	Hardwire Kit - Transformer, Armored Door Cord, 50' of Cable	\$285.00	
ADA1014	Decal Pack	\$71.00	
ADA1026	Bottom Cover with Two Screws	\$68.00	
ADA1008	Wireless Pushbutton Transmitter (circuit board only)	\$106.00	
ADA1022	Kit to Convert SPDT Switch to DPDT Switch	\$83.00	
ADA1025	Multi-Purpose Timer Module	\$171.00	
ADA1012-1	1-3/4" (4.5 cm) Pushbutton Assembly - w/o RF Transmitter	\$140.00	
ADA1012-2	1-3/4" Pushbutton Assembly - with RF Transmitter	Фоло оо	
ADA1019-1	4-1/2" (11.4 cm) Square Pushbutton w/o RF Transmitter	\$210.00	
ADA1019-2	4-1/2" Square Pushbutton Assembly w/ RF Transmitter	\$281.00	
ADA1019-2A	Qty 2 @ 4-1/2" Square Pushbutton w/ RF Transmitter	\$488.00	
ADA1019-3			
ADA1019-4	4-1/2" Square Pushbutton Assembly, DPDT Switch, w/ RF Transmitter	\$327.00	
ADA1028W	Wireless Interface Module	\$415.00	
ADA1031	Hand Held RF Transmitter	\$214.00	
ADA1024	Kit to Convert to a Push Side	\$205.00	
ADA1021	Kit to Convert to a Pull Side	\$183.00	



7100SZ SERIES

Specify Hand

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7110SZ	Pull Side; Rigid Arm and Slide Track (specify spring size 3, 4 or 5)		\$1,434.00
7120SZ	Push Side; Double Lever Arm - 11" Main Arm (specify spring size 2, 3, 4 or 5)	16	
7130SZ	Push Side; Double Lever Arm - 13-1/2" Main Arm (specify spring size 2, 3, 4 or 5)	10	
7150SZ	Pull Side; Double Egress Arm and Slide Track (specify spring size 3, 4 or 5)		\$1,517.00

OPTIONS

DZ	Unit Supplied with Secondary Sensor (for opposite side of door)	Add \$573.00

DROP ANGLE BRACKET

7100DAB	Drop Angle Bracket	\$66.00
7100DAB-180	Drop Angle Bracket, 180°	\$66.00



7200 SERIES (1 per case)

RIGID ARM SLIDE TRACK - Specify Size 3 thru 5 - Specify Hand

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7210MPDO	Master Unit - Selective	18	\$3,020.00
7210MPSO	Slave/Support Unit - Selective	16	\$1,520.00
7210RFS	Executive™ Dr. Holder/Release - Selective	10	\$2,157.00

DOUBLE LEVER ARM - 11" MAIN ARM - Specify Size 3 thru 5 - Specify Hand

7220MPDO	Master Unit - Selective	18 \$3,020.00	
7220MPSO	Slave/Support Unit - Selective	16	\$1,520.00
7220RFS	Executive™ Dr. Holder/Release - Selective	16	\$2,157.00

DOUBLE LEVER ARM - 13-1/2" MAIN ARM - Specify Size 3 thru 5 - Specify Hand

7230MPDO	Master Unit - Selective	18	\$3,020.00
7230MPSO	Slave/Support Unit - Selective	16	\$1,520.00
7230RFS	Executive™ Dr. Holder/Release - Selective	10	\$2,157.00

CONNECTED FREE-SWING SLIDE TRACK - Specify Size 3 thru 5 - Specify Hand

7240MPDO	Master Unit - Selective	18	\$3,071.00
7240MPSO	Slave/Support Unit - Selective	10	\$1,571.00
7240RFS	Executive™ Dr. Holder/Release - Selective	16	\$2,208.00

7200 Electromechanical Closers and Accessories

DOUBLE EGRESS ARM SLIDE TRACK - Specify Size 3 thru 5

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7250MPDO	Master Unit - Selective	18	\$3,100.00
7250MPSO	Slave/Support Unit - Selective	10	\$1,600.00
7250RFS	Executive™ Dr. Holder/Release - Selective	16	\$2,237.00

OVERHEAD CONCEALED - Specify Size 4 thru 6

7290MPS	Support Unit - Selective	16	\$1,448.00
7290RFS	Executive™ Dr. Holder/Release - Selective	16	\$2,055.00

DROP ANGLE BRACKETS

7100DAB	Drop Angle Bracket	\$66.00
7100DAB-180	Drop Angle Bracket, 180°	Φ00.00



POWER TRACK® CLOSER-HOLDERS

(1 per case)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7705PTDO	Master Unit, Hinge Side	10	\$2,413.00
P7705PTDO	Master Unit, Stop Side	12	Φ2,413.00
7705PTO	Support Unit, Hinge Side	11	Φ1 075 00
P7705PTO	Support Unit, Stop Side		\$1,075.00

OPTION

DE	Double Egress Arms suffix "DE" to model number (hinge side only). Handed.	Add \$80.00
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51

DOOR CLOSER BODIES ONLY

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
1601LAP	1601 Door Closer Body	¢195.00	
160XBCLAP	1603BC, 1604BC Door Closer Bodies	\$185.00	
1601SSLAP	1601SS Door Closer Body	\$385.00	
170XLAP	1703/1704 Door Closer Bodies	\$186.00	
7500LAP	7500 Door Closer Body	\$407.00	
7500SSLAP	7500SS Corrosion Resistant Door Closer Body	\$810.00	
78B/DLAP*	78 Door Closer Body - Size 2/4	Ф000 00	
78E/FLAP*	78 Door Closer Body - Size 5/6	\$900.00	
8101LAP	8101, 8301, 8501 Door Closer Bodies	\$287.00	
930XBCLAP	9303BC, 9304BC Door Closer Bodies	\$150.00	
9500LAP	9500 Door Closer Body	\$484.00	
790XLAP	7900 Door Closer Bodies	\$464.00	
797XLAP	7970 Security Door Closer Bodies	\$605.00	
797XDPSLAP	7970DPS Security Door Closer Bodies	\$859.00	

OPTION

[&]quot;X" in catalog number - specify closer size.

^{*}Specify Hand.

SN, SNB, TBGN - 4 per pack

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
SN-134	Sex Nuts Only 1-3/4" Door	\$6.20*
SN-214	Sex Nuts Only 2-1/4" Door	\$69.00*
SNB134-38	Sex Nuts and Bolts 1-3/4" Door - 1600, 8000 Series Closer	\$18.90*
SNB200-38	Sex Nuts and Bolts 2" Door - 1600, 8000 Series Closer	Φ10.90
SNB214-38	Sex Nuts and Bolts 2-1/4" Door - 1600, 8000 Series Closer	\$95.00*
SNB134-47	Sex Nuts and Bolts 1-3/4" Door - 7500 Series Closer	\$18.90*
SNB200-47	Sex Nuts and Bolts 2" Door - 7500 Series Closer	Φ10.90
SNB214-47	Sex Nuts and Bolts 2-1/4" Door - 7500 Series Closer	\$95.00*
SN-134SS	Stainless Steel Sex Nuts Only for 1-3/4" Door	\$90.00
SNB134SS-38 Stainless Steel Sex Nuts and Bolts for 1-3/4" Door - 1600BCSS or 1601SS Series		ΦΩΕ ΩΩ
SNB134SS-47	Stainless Steel Sex Nuts and Bolts for 1-3/4" Door - 7500SS Series	\$95.00
SP9500	Standard Screw Package - 9500 Series Closer	Φ12.00
SP9500SN	Standard Screw Package (includes Sex Nuts) - 9500 Series Closer	\$13.00
SP9500SNB	Sex Nuts and Bolts 1-3/4" door - 9500 Series Closer	\$17.40*
TBGN138-38	Through-Bolts and Grommet Nuts 1-3/8" Door - 1600, 8000 Series	
TBGN134-38	Through-Bolts and Grommet Nuts 1-3/4" Door - 1600, 8000 Series	
TBGN214-38	Through-Bolts and Grommet Nuts 2-1/4" Door - 1600, 8000 Series	\$13.80
TBGN138-47	Through-Bolts and Grommet Nuts 1-3/8" Door - 7500 Series	
TBGN134-47	Through-Bolts and Grommet Nuts 1-3/4" Door - 410, 7500 Series	

Note: Sex Nuts furnished standard with PR, CLP, CPS and UNI arms.

^{*}For PLATED STEEL SEX NUTS or SEX NUTS and BOLTS add \$30.00 to list price.

TORX®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
TX38	Torx® Screw Pack - 8000 Series	
PRTX38	Torx® Screw Pack - 8000 Series, Parallel Rigid, CloserPlus® or CloserPlus Spring™ Arms	
RTX38	Torx® Screw Pack - 8000 Series, Regular Rigid Heavy-Duty Arm	
UNITX38	Torx® Screw Pack - 8000 Series, Unitrol® Arm	
STTX38	Torx® Screw Pack - 8000 Slide Track, Push or Pull	ΦΕΟ ΟΟ
TX47	Torx® Screw Pack - 7500 Series	\$50.00
PRTX47	Torx® Screw Pack - 7500 Series, Parallel Rigid, CloserPlus® or CloserPlus Spring™ Arms	
RTX47	Torx® Screw Pack - 7500 Series, Regular Rigid Heavy-Duty Arm	
UNITX47	Torx® Screw Pack - 7500 Series, Unitrol® Arm	
STTX47	Torx® Screw Pack - 7500 Slide Track, Push or Pull	
TX95	Torx® Screw Pack - 9500 Series	
PRTX95	Torx [®] Screw Pack - 9500 Series, Parallel Rigid, CloserPlus [®] Arms	
RTX95	Torx® Screw Pack - 9500 Series, Regular Rigid Heavy-Duty Arm	\$41.00
UNITX95	Torx® Screw Pack - 9500 Series, Unitrol® Arm	
TXTK95	Torx® Screw Pack - 9500 Series, Tracks	
TX6700M	Torx® Screw Pack - 6000 Operator Cover	\$26.00

Note: Torx Tool Kit see page 12.

1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-1	Regular Arm Assembly, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
7701-111	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Shoe	\$89.00
7701-11	Rod and Shoe Assembly	\$38.00
7701-1A	J Top Jamb Arm Assembly, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
7701-121	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Shoe	\$89.00
7701-11A	Rod and Shoe Assembly	\$38.00
7701-1B	JL Top Jamb Arm Assembly, Non-Hold Open	\$100.00
7701-2M	Main Arm Assembly	\$54.00
7701-131	Secondary Arm Assembly	\$57.00
7701-2W	Arm Assembly Less Rod and Shoe	\$89.00
7701-11B	Rod and Shoe Assembly	\$38.00
*7701-5	Parallel Arm Assembly w/ 1618 Soffit Plate, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
*7701-115	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$89.00
*7701-15	Rod and 1618 Soffit Plate Assembly	\$38.00
**7701-5A	Parallel Arm Assembly w/ 1618 Soffit Plate, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
**7701-115A	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$89.00
**7701-15A	Rod and 1618 Soffit Plate Assembly	\$38.00

^{*7500} Series Only.

^{**180°} door swing using special template for doors hung on 6" to 8" wide throw hinges.

1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
*7701-6	Parallel Arm Assembly w/ 1618A Soffit Plate, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
*7701-116	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$89.00
*7701-16	Rod and 1618A Soffit Plate Assembly	\$38.00
*7701-6A	Parallel Arm Assembly w/ 1618A Soffit Plate, Non-Hold Open	\$100.00
7701-1M	Main Arm Assembly	\$54.00
**7701-116A	Secondary Arm Assembly	\$57.00
7701-1W	Arm Assembly Less Rod and Shoe	\$89.00
**7701-16A	Rod and Shoe Assembly	\$38.00
7701-3	Regular Arm Assembly, Hold Open	\$146.00
7701-1M	Main Arm Assembly	\$54.00
7701-113	Secondary Arm Assembly	\$92.00
7701-3W	Main Arm and Rod Less Holder Shoe Assembly	\$89.00
7701-13	Holder Shoe and Loop Assembly	\$57.00
7701-31	Adjusting Arm Assembly	\$18.70
7701-3A	J Top Jamb Arm Assembly, Hold Open	\$146.00
7701-1M	Main Arm Assembly	\$54.00
7701-123	Secondary Arm Assembly	\$92.00
7701-3WA	Main Arm and Rod Assembly	\$89.00
7701-13	Holder Shoe Assembly	\$57.00
7701-31A	Adjusting Arm Assembly	\$18.70
7701-3B	JL Top Jamb Arm Assembly, Hold Open	\$146.00
7701-2M	Main Arm Assembly	\$54.00
7701-133	Secondary Arm Assembly	\$92.00
7701-3WB	Main Arm and Rod Less Holder Shoe Assembly	\$89.00
7701-13	Holder Shoe Assembly	\$57.00
7701-31B	Adjusting Arm Assembly	\$18.70
7701-8	Parallel Arm Assembly, Hold Open	\$146.00
7701-1M	Main Arm Assembly	\$54.00
7701-118	Secondary Arm Assembly w/ 1628H Soffit	\$92.00
7701-3W	Main Arm and Rod Assembly	\$89.00
7701-13	Holder Shoe and Loop Assembly w/ 1628H Soffit Plate	\$57.00
7701-31	Adjusting Rod Assembly	\$18.70

^{*1600}BC, 1601, 8000, 9300BC Series Only.

^{**180°} door swing using special template for doors hung on 6" or 8" wide throw hinges.

1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-25	Tri-Style® Package w/ 1618 soffit (7500 series)	\$100.00
7701-26	Tri-Style® Package w/ 1618A soffit (all other series)	\$100.00
7701-AS	Arm Shoe Assembly	\$21.70
7701-ES	Elbow Screw and Washer Assembly	\$8.80
7701-HSS	Set Screw Hold Open Arm	\$8.30
7701-HS	Hex Screw for adjusting arm and washer	\$1.10
7701-MAS	Main Arm Screw	\$8.30
138x142	Arm Shoe Sleeve Nut and Screw	\$5.40

9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
9501-1	Regular Arm Assembly, Non-Hold Open	\$100.00	
9501-1W	Main arm & tube assembly	\$48.00	
9501-11	Rod & shoe assembly	\$18.70	
9500-HS	Hex screw package	\$7.10	
9501-1B	Top Jamb Deep Reveal Arm Assembly, Non-Hold Open	\$66.20	
9501-2W	Main arm & arm tube assy	\$48.00	
9501-11B	Rod & shoe assembly	\$16.00	
9501-5	Parallel Arm Assembly w 9518 Bracket, Non-Hold Open	\$82.00	
9501-3	Regular Arm Assembly, Hold Open	\$148.00	
9501-1W	Main arm & rod assembly	\$48.00	
9501-13	Hold open bracket assembly	\$68.00	
9501-3B	Top Jamb Deep Reveal Arm Assembly, Hold Open	\$106.00	
9501-3WB	Main arm & rod assy	\$48.00	
9501-3W	Main arm & rod assy		
9501-8	Parallel Arm Assembly w 9528H Bracket, Hold Open	\$153.00	

9540

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
9541-1	Regular and Top Jamb Arm (reveals up to 2-9/16")	\$100.00
9541-5	Parallel Arm	\$82.00
9541-1A	Top Jamb Arm (Deep Reveals 2-9/16" to 4-13/16")	Φ66.00
9541-1B	Top Jamb (Deep Reveals 4-13/16" to 8")	\$66.00
9548	Parallel Arm Non-Hold Open Bracket	\$76.00
95ASW	Main Arm Screw & Washer	\$7.00

LOW PROFILE ARMS - 1680BC, 1681, 7581, 8081

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7780-1	Regular Arm, Low Profile Assembly, Non-Hold Open	\$100.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$89.00
7780-1TS	Tube and Shoe Assembly	\$38.00
7780-5	Parallel Arm, Low Profile Assembly w/ 1618 Soffit, Non-Hold Open	\$100.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$89.00
7780-5TS	Tube and Soffit 1618 Assembly	\$38.00
7780-6	Parallel Arm, Low Profile Assembly w/ 1618A Soffit, Non-Hold Open	\$100.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$89.00
7780-6TS	Tube and Shoe/Soffit Rod Assembly (1618A)	\$38.00
7780-25	Low Profile, Non-Hold Open Tri-Style® Assembly (7581)	Φ100 00
7780-26	Low Profile, Non-Hold Open Tri-Style® Assembly (1680BC, 1681, 8081)	\$100.00
7701-AS	Arm Shoe Assembly	\$21.70
7701-HSS	Hold Open Set Screw	\$8.30
7701-HS	Hex Screw	\$1.10
7701-ES	Screw and Washer Assembly	\$8.80

MISCELLANEOUS PARTS - 1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1543R	Jackscrew - Right Hand	ф10.10
1543L	Jackscrew - Left Hand	\$13.10
455	Locknut (holder loop to bracket)	\$12.20
1554	Friction Disc (holder loop)	\$7.40
7701-HW	Hold Open Wrench	\$7.10

CLOSERPLUS®, CLOSERPLUS RAMP™, CLOSERPLUS SPRING™ ARMS - 1600BC, 1601, 7500, 8000, 9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6770-5	CloserPlus® Arm Assembly, Non-Hold Open (1600BC, 1601, 7500, 8000)	\$174.00
6750R-8	CloserPlus Ramp™ Arm assembly, Hold Open (7500, 8000)	\$239.00
6870T-8	CloserPlus® Arm Assembly, Hold Open (1600BC, 1601, 7500, 8000)	Φ239.00
6770P	Hole Plug (CLP or CPS Arms)	\$11.90
6770S	Removable Stop	Ф11.90
CPS6770-5	CloserPlus® Spring™ Arm Assembly, Non-Hold Open (1600BC, 1601, 7500, 8000)	\$339.00
CPS6870T-8	CloserPlus® Spring™ Arm Assembly, Hold Open (1600BC, 1601, 7500, 8000)	\$406.00
CPSK6770	CloserPlus® Spring™ Kit (1600BC, 1601, 7500, 8000)	\$147.00
9770-5	CloserPlus® Arm, Non-Hold Open (9500 Only)	\$120.00
9870T-8	CloserPlus® Arm, Hold Open (9500 Only)	\$175.00

CUSHION STOP ARM 1600BC, 1601BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-CA	Cushion Stop Arm Complete Assembly	\$168.00
CAK7701	Cushion Stop Arm Kit	\$41.30
6620-12	Cushion Stop Arm Adjustment Tube & Shoe	\$151.00
7701-HS	Cushion Stop Arm Hex Screw	\$1.10

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RIGID ARMS - 1600BC, 1601, 7500, 8000, 9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
R7701-1	Regular Rigid Arm (7500, 8000 Only)	\$152.00	
PR7701-5	Parallel Rigid Arm, Non-Hold Open (1600BC, 1601, 7500, 8000)	\$130.00	
PR7701-8R	Parallel Rigid Arm, Hold Open, Right Hand (1600BC, 1601, 7500, 8000)	Ф177 OO	
PR7701-8L	Parallel Rigid Arm, Hold Open, Left Hand (1600BC, 1601, 7500, 8000)	\$177.00	
PR07701-5	Parallel Rigid Arm w/ Offset Soffit Plate, Non-Hold Open (7500, 8000 Only)	\$156.00	
PRO7701-8R	Parallel Rigid Arm w/ Offset Soffit Plate, Hold Open, Right Hand (7500, 8000 Only)	4101 00	
PRO7701-8L	Parallel Rigid Arm w/ Offset Soffit Plate, Hold Open, Left Hand (7500, 8000 Only)	\$181.00	
R9501-1	Regular Rigid Arm (9500 Only)	Ф1 F0 OO	
PR9501-5	Parallel Rigid Arm, Non-Hold Open (9500 Only)	\$152.00	
PR9501-8R	Parallel Rigid Arm, Friction Hold Open, Right Hand (9500 Only)	Φ4.E0.00	
PR9501-8L	Parallel Rigid Arm, Friction Hold Open, Left Hand (9500 Only)	\$150.00	
PRO9501-5	Parallel Rigid Arm w/Offset Soffit Plate, Non-Hold Open (9500 Only)	\$145.00	
PRO9501-8R	Parallel Rigid Arm w/Offset Soffit Plate, Hold Open, Right Hand (9500 Only)	\$165.00	
PRO9501-8L	Parallel Rigid Arm w/Offset Soffit Plate, Hold Open, Left Hand (9500 Only)		

ARM ASSEMBLIES - 1700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1700-1	Arm Assembly, Non-Hold Open	\$64.00
1700-3	Arm Assembly, Hold Open	\$99.00

STAINLESS STEEL ARMS - 1601SS, 7500SS

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701SS-1	Regular Arm Assembly (SS), Non-Hold Open	\$383.00
7701SS-1M	Main Arm Assembly (SS)	\$197.00
7701SS-111	Secondary Arm Assembly (SS)	\$197.00
7701SS-1A	J Top Jamb Arm Assembly, Non-Hold Open	\$383.00
7701SS-1M	Main Arm Assembly (SS)	\$197.00
7701SS-121	Secondary Arm Assembly (SS)	Φ197.00
^7701SS-6	Parallel Arm Assembly (SS), Non-Hold Open	\$383.00
7701SS-1M	Main Arm Assembly (SS)	\$197.00
^7701SS-116	Secondary Arm Assembly (SS)	\$197.00
7701SS-AS	Arm Shoe Assembly	\$50.00
7701SS-ES	Screw and Washer Assembly	\$9.70

^{^1601}SS and 7500SS only.

SECURITY ARMS AND TRACK ASSEMBLIES - 7570

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
*7771-1	Regular Rigid Arm Assembly, Non-Hold Open	\$218.00
*7771-5	Parallel Rigid Arm Assembly, Non-Hold Open	\$241.00
*CLP7771-5	CloserPlus® Arm Assembly, Non-Hold Open	\$280.00
*CLP7771-8T	CloserPlus® Arm Assembly, Hold Open	\$338.00
*CPS7771-5	CloserPlus Spring™ Arm Assembly, Non-Hold Open	\$430.00
*CPS7771-8T	CloserPlus Spring™ Arm Assembly, Hold Open	\$489.00
*7771ST-1A	Slide Track - Arm Only	\$141.00
*7771ST-1T	Pull Side Slide Track Assembly, Non-Hold Open	\$247.00
*7771ST-5T	Push Side Slide Track Assembly, Non-Hold Open	Φ247.00
7740SLD	Assembly Pack	\$95.00

^{*}Furnished standard with Torx® security screws. Sex Nuts not included.

UNITROL® ARMS - 1600BC, 1601, 7500, 8000

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6100-11	Arm Assembly, Non-Hold Open, Door Width 28" to 32"	
6100-13	Arm Assembly, Non-Hold Open, Door Width 33" to 41"	\$364.00
6100-14	Arm Assembly, Non-Hold Open, Door Width 42" to 48"	
6100-1	Arm Assembly, Hold Open, Door Width 28" to 32"	
6100-3	Arm Assembly, Hold Open, Door Width 33" to 41"	\$460.00
6100-4	Arm Assembly, Hold Open, Door Width 42" to 48"	7

UNITROL® ARMS - 7570 SECURITY

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6100-11	Arm Assembly, Non-Hold Open, Door Width 28" to 32"	
6100-13	Arm Assembly, Non-Hold Open, Door Width 33" to 41"	\$364.00
6100-14	Arm Assembly, Non-Hold Open, Door Width 42" to 48"	

UNITROL® ARMS - 9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
9100-11	Arm Assembly, Non-Hold Open, Door Width 28" to 32"	
9100-13	Arm Assembly, Non-Hold Open, Door Width 33" to 41"	\$364.00
9100-14	Arm Assembly, Non-Hold Open, Door Width 42" to 48"	
9100-1	Arm Assembly, Hold Open, Door Width 28" to 32"	
9100-3	Arm Assembly, Hold Open, Door Width 33" to 41"	\$460.00
9100-4	Arm Assembly, Hold Open, Door Width 42" to 48"	

UNITROL® ARMS - 78B/F

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6130-17	Arm Assembly, Non-Hold Open, Door Width 28" to 32"	
6130-18	Arm Assembly, Non-Hold Open, Door Width 33" to 41"	\$364.00
6130-19	Arm Assembly, Non-Hold Open, Door Width 42" to 48"	
6130-7	Arm Assembly, Hold Open, Door Width 28" to 32"	
6130-8	Arm Assembly, Hold Open, Door Width 33" to 41"	\$460.00
6130-9	Arm Assembly, Hold Open, Door Width 42" to 48"	

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TOP JAMB UNITROL® ARMS - 1600BC, 1601, 7500, 8000

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
J6100-4	Arm Assembly, Non-Hold Open, Frame Reveals 2-1/8" to 3-1/4"	
J6200-4	Arm Assembly, Non-Hold Open, Frame Reveals 1/2" to 2"	
J6400-4	Arm Assembly, Non-Hold Open, Frame Reveals 3-3/8" to 4-1/4"	
J6500-41	Arm Assembly, Non-Hold Open, Frame Reveals 4-3/8" to 5-3/8"	\$406.00
J6500-42	Arm Assembly, Non-Hold Open, Frame Reveals 5-1/2" to 6-3/8"	
J6500-43	Arm Assembly, Non-Hold Open, Frame Reveals 6-1/2" to 7-3/8"	
J6600-4	Arm Assembly, Non-Hold Open, Frame Reveals 0" to 3/8"	
J6100-7	Arm Assembly, Hold Open, Frame Reveals 2-1/8" to 3-1/4"	
J6200-7	Arm Assembly, Hold Open, Frame Reveals 1/2" to 2"	
J6400-7	Arm Assembly, Hold Open, Frame Reveals 3-3/8" to 4-1/4"	
J6500-71	Arm Assembly, Hold Open, Frame Reveals 4-3/8" to 5-3/8"	\$517.00
J6500-72	Arm Assembly, Hold Open, Frame Reveals 5-1/2" to 6-3/8"	
J6500-73	Arm Assembly, Hold Open, Frame Reveals 6-1/2" to 7-3/8"	
J6600-7	Arm Assembly, Hold Open, Frame Reveals 0" to 3/8"	

SLIDE TRACKS (INCLUDING STP) - 7500ST, 8000ST

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701ST-1T	Pull Side Slide Track Assembly, Non-Hold Open	
7701ST-5T	Push Side Slide Track Assembly, Non-Hold Open	\$191.00
7701ST-1T180	Pull Side Slide Track Assembly, Non-Hold Open 180°	
7701ST-3T	Pull Side Slide Track Assembly, Hold Open	\$288.00
7701ST-8T	Push Side Slide Track Assembly, Hold Open	\$200.00
7701ST-1A	Arm Assembly (all except STP)	Φ105.00
7701STP-1A	Arm Assembly (STP only)	\$105.00
7700STEC	End Cap (2 required)	\$7.40
7700SLD	Slider Assembly	\$101.00
7700ASR	Retaining Ring	\$3.40
7700AS	Arm Stud	\$7.00
7700ASC	Arm Stud Clip	\$9.00
7701PT-DE-1R	Double Egress Arm Assembly, Right Hand	Φ101.00
7701PT-DE-1L	Double Egress Arm Assembly, Left Hand	\$191.00
7701ST-1ATR	Double Egress Arm Tube Assembly, Right Hand	Φ100.00
7701ST-1ATL	Double Egress Arm Tube Assembly, Left Hand	\$139.00
7701ST-1AT	Arm Tube Assembly (all except STP)	
7701ST-1AR	Adjusting Rod Assembly (all units)	\$56.00
7701STP-1AT	Arm Tube Assembly (STP only)	
7700ALAS	Arm Length Adjusting Screw	\$6.80

LOW PROFILE SLIDE TRACKS - 7540, 8041, 8051

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7740ST-1T	Pull Side Slide Track Assembly, Non-Hold Open	\$191.00
7740ST-5T	Push Side Slide Track Assembly, Non-Hold Open	7 \$191.00
7740ST-3T	Pull Side Slide Track Assembly, Hold Open	\$243.00
7740ST-8T	Push Side Slide Track Assembly, Hold Open	\$243.00
7740ST-1A	Arm Assembly	\$105.00
7740SLD	Slider Assembly, Non-Hold Open	\$95.00
7740HSLD	Slider Assembly, Hold Open	\$139.00
7701ST-1AT	Arm Tube Assembly	\$56.00
7740ST-1AR	Adjusting Rod Assembly	Φ00.00

SLIDE TRACKS ASSEMBLIES & PARTS - 9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
9501ST-1T	Pull Side Track (Non-Hold Open)	\$191.00
9501ST-5T	Push Side Track and Arm Assembly (Non-Hold Open)	\$191.00
9501ST-3T	Pull Side Track (Hold Open)	\$288.00
9501ST-8T	Push Side Track and Arm Assembly (Hold Open)	φ200.00
9501ST-1A	Push or Pull Side Arm (Non-Hold Open or Hold Open)	\$105.00

ARM ASSEMBLIES - 78-B/F

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
B/F-1	Regular Arm Assembly, Non-Hold Open	\$100.00
B/F-1M	Main Arm	\$54.00
B/F-1W	Main Arm Less Rod and Shoe	\$89.00
B/F-11	Rod and Shoe	\$38.00
B/F-3	Regular Arm Assembly, Hold Open 90° to 180°	\$146.00
B/F-1M	Main Arm	\$54.00
B/F-3W	Main Arm Less Holder Shoe and Loop	\$89.00
B/F-13	Holder Shoe and Loop	\$57.00
B/F-5	Parallel Arm Assembly, Non-Hold Open	\$100.00
B/F-1M	Main Arm	\$54.00
B/F-5W	Main Arm Less Rod and Soffit Plate	\$89.00
B/F-15	Rod and Soffit Plate	\$38.00
*B/F-8	Parallel Arm Assembly, Hold Open 90° to 180°, Specify Hand	\$146.00
B/F-1M	Main Arm	\$54.00
B/F-8W	Main Arm and Rod Less Soffit Plate and Holder Loop Assembly	\$89.00
B/F-18	*Soffit Plate Holder and Loop Assembly	\$85.00
78PRA-5	Parallel Rigid Arm Assembly, Non-Hold Open	\$162.00
78PRA-8R	Parallel Rigid Arm Assembly, Hold Open (Right Hand)	Ф170 00
78PRA-8L	Parallel Rigid Arm Assembly, Hold Open (Left Hand)	\$179.00
7701-HS	Hex Screw and Washer Assembly	\$1.10
7701-HSS	Square Head Set Screw	\$8.30
7701-ES	Elbow Screw	\$8.80

^{*}Specify Hand.

PARTS - 78-B/F

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
24BD	B/D Spring	\$149.00
56EF	E/F Spring	\$166.00
230BC		\$527.00
230D	Spring (prior to 1978 model)	\$324.00
230EF		\$240.00
1543R	Jackscrew - Right Hand	\$13.10
1543L	Jackscrew - Left Hand	\$13.10
455	Locknut	\$12.20
1554	Friction Disc	\$7.40
78-SW	Spanner Wrench	\$18.00

ARM ASSEMBLIES AND PARTS - 7900

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7900PK	Dress Plate Kit	\$88.00
7950-1L	Arm Assembly, Non-Hold Open, Left Hand	
7950-1R	Arm Assembly, Non-Hold Open, Right Hand	\$140.00
7950-3	Arm Assembly, Hold Open	
7950ST	Track Assembly, Non-Hold Open	\$250.00
7950STH	Track Assembly, Hold Open	\$250.00
7900SLD	Non-Hold Open Slider	\$106.00
7950SLD	Hold Open Slider	
7900SP	Complete Screw Pack	\$24.70
7950H	Hold Open Assembly	\$105.00

ARM ASSEMBLIES AND PARTS - 7970 SECURITY

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7970PK	Security Dress Plate Kit	\$96.00
7970-1L	Security Arm Assembly, Left Hand	\$143.00
7970-1R	Security Arm Assembly, Right Hand	\$143.00
7970ST	Security Track Assembly	\$258.00
7970SLD	Slider	\$106.00
7970SP	Complete Screw Pack	\$56.60
70TK	Torx® Tool Kit	\$181.00

SLIDE TRACK ASSEMBLIES AND PARTS - 2800ST

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
28ST-IT	Pull Side Slide Track & Arm Assembly, Non-Hold Open	\$191.00
28ST-3T	Pull Side Slide Track & Arm Assembly, Hold Open	\$288.00
28ST-5T	Push Side Slide Track & Arm Assembly, Non-Hold Open	\$191.00
28ST-8T	Push Side Slide Track & Arm Assembly, Hold Open	\$288.00
2800LAP	Closer Body Only	\$428.00
SP2800B	Closer Screw Pack	\$11.00
SP2800S	Spline Screw Pack	\$27.70
SP28T	Track Screw Pack	\$14.80
2800P	Plastic Cover	\$39.00
28STHO	Hold Open Assembly	\$46.50
28STPB	Stop Mount Track Angle Bracket	\$49.20

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MOTOR AND MAIN ARM ASSEMBLIES - 5600

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
5610M	Motor and Main Arm Assembly	\$1 125 OO
5630M	Motor, Main Arm and Tube Assembly	Φ1,125.00

PARTS - 5600

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
5600IN	Inverter	\$633.00
5700M	Motor Assembly	\$1,037.00
5600SP	Screw Pack	\$25.00
5600COV	Cover	\$100.00
5600PS	Power Supply	\$106.00
5700PC	Power Cord	\$22.00

ARM AND TRACK ASSEMBLIES - 5700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
5710-1	Arm and Track Assembly (Pull)	\$298.00
7701ST-1A	Arm Assembly	\$105.00
7200-1T	Track Assembly	\$209.00
7701-1A	Arm Assembly (Push)	\$100.00
7701-1W	Main Arm and Rod	\$89.00
7701-11A	Adjusting Tube and Shoe	\$38.00

PARTS - 5700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1601LAP	Closer Body, Size 1-6	\$185.00
5700C	Chain	\$21.00
5700M	Motor Assembly	\$1,037.00
5700IN	Inverter	\$633.00
5700DPA	Door Position Adjustment Assembly	\$97.00
5700CVR	Cover	\$100.00
5700SW	On/Off Switch	\$5.90
5700RS	Reed Switch	\$21.00
5700PWS	RF Power Supply	\$106.00
5700PC	Power Cord	\$22.00

UNIT SUB-ASSEMBLIES - 6000

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6011LAP	Unit Sub-Assembly (6011, 6051)	
6021LAP	Unit Sub-Assembly (6021, 6031, 6061, 6071)	\$2,874.00
H6010LAP	Unit Sub-Assembly (6010, 6050)	Φ2,074.00
H6020LAP	Unit Sub-Assembly (6020, 6030, 6060, 6070)	

ARM AND TRACK ASSEMBLIES - 6000

١	MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
ĺ	6610-1	Arm and Track Assembly (6010, 6011)	\$313.00
	7210-1A	Arm Assembly	\$163.00
	7200-1T	Track Assembly	\$209.00
	6020-1	Arm Assembly (6020, 6021)	\$336.00
	6020-1W	Main Arm and Rod	\$174.00
ſ	6620-12	Adjusting Tube and Shoe	\$151.00

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ARM AND TRACK ASSEMBLIES - 6000 (CONTINUED)

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6030-1	Arm Assembly (6030, 6031)	\$319.00
6030-1W	Main Arm and Rod	\$164.00
6620-12	Adjusting Tube and Shoe	\$151.00
6050-1L	Arm and Track Assembly, Left Hand (6050, 6051)	\$509.00
7250-1L	Arm Assembly Left Hand	\$354.00
7200-1T	Track Assembly	\$209.00
6050-1R	Arm and Track Assembly, Right Hand (6050, 6051)	\$509.00
7250-1R	Arm Assembly Right Hand	\$354.00
7200-1T	Track Assembly	\$209.00
6660-1	Arm Assembly (6060, 6061)	\$364.00
6660-11	Rod and Snubber Assembly	\$164.00
6670-1	Arm Assembly (6070, 6071)	\$364.00
6670-11	Rod and Snubber Assembly	\$164.00

PARTS - 6000 (MODELS ENDING IN "1" i.e. 6011, 6031, etc.)

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6001COV	Cover - Single	\$193.00
D6001COV-36	Cover - Double 36"	
D6001COV-42	Cover - Double 42"	\$238.00
D6001COV-48	Cover - Double 48"	
6001BP	Back Plate - Single	\$170.00
D6001BP-36-LH	Back Plate - Double 36" - Left Hand	\$215.00
D6001BP-36-RH	Back Plate - Double 36" - Right Hand	\$215.00
D6001BP-42-LH	Back Plate - Double 42" - Left Hand	\$268.00
D6001BP-42-RH	Back Plate - Double 42" - Right Hand	\$200.00
D6001BP-48-LH	Back Plate - Double 48" - Left Hand	\$340.00
D6001BP-48-RH	Back Plate - Double 48" - Right Hand	\$340.00
6001DAB	Drop Angle Bracket - Single 36"	\$193.00
6001DAB2	Drop Angle Bracket - Single 42" and 48"	\$193.00
D6001DAB-36	Drop Angle Bracket - Double 36"	
D6001DAB-42	Drop Angle Bracket - Double 42"	\$216.00
D6001DAB-48	Drop Angle Bracket - Double 48"	
6001PM	Power Module Sub-Assembly	\$912.00
6001ENLH	End Cap - Left Hand	\$62.00
6001ENRH	End Cap - Right Hand	· ·
6001U	Union - Single	\$214.00
D6001U	Union - Double	\$256.00
6001US	Union Spacer	\$14.00
6001CON	Conduit Assembly - Single	\$142.00
D6001CON	Conduit Assembly - Double	\$158.00
6000IN	Inverter	\$1,210.00
5700SW	On/Off Switch	\$5.90
6000CB	Circuit Breaker	\$41.40
6000SUP	Power Supply	\$204.00
7500LAP	7500 Closer Body	\$407.00
6000MS	Motor Support	\$134.00
6001SK	Shim Kit	\$29.00
6001SC-1	Screw Pack - Back Plate	\$16.00
6001SC-2	Screw Pack - Standard	\$46.00

PARTS - 6000 (MODELS ENDING IN "0" ONLY; i.e. 6010, 6030, etc.)

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6000IN	Inverter	\$1,210.00
H6000COV	Cover	\$193.00
5700SW	On/Off Switch	\$5.90
6000DAB	Drop Angle Bracket	\$146.00
6000DAB180	Drop Angle Bracket - 180° Swing	\$140.00
6000CB	Circuit Breaker	\$41.40
6000SUP	Power Supply	\$204.00
6000SEC	Security Plate Pack	\$146.00
6000SFB	Aluminum Storefront Bracket	φ140.00
SP6000	Screw Pack	\$47.70

ARM AND TRACK ASSEMBLIES - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6310-1	Arm and Track Assembly (6311, 6312)	\$313.00
6310-1W	Arm Assembly	\$163.00
7100-1T	Track Assembly	\$209.00
6330-1	Arm Assembly (6331, 6332)	\$319.00
6330-1W	Main Arm and Rod	\$164.00
6620-12	Adjusting Tube and Shoe	\$151.00
6350-1L	Double Egress Arm, Left Hand (6351, 6352)	\$509.00
6350-1LW	Arm Assembly, Left Hand	\$354.00
7100-1T	Track Assembly	\$209.00
6350-1R	Double Egress Arm, Right Hand (6351, 6352)	\$509.00
6350-1RW	Arm Assembly, Right Hand	\$354.00
7100-1T	Track Assembly	\$209.00

PARTS - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6300END	End Cap Kit	\$272.00
6300SP	Screw Pack	\$54.30
6300COV	Cover (6312, 6332, 6342, 6352)	\$193.00
6300CM2	Power Supply/Board Assembly	\$1,074.00
6300CAB2	Cable Kit	\$119.00
6300COV2	Cover (6311, 6331, 6341, 6351)	\$193.00

UNIT SUB-ASSEMBLIES - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6300LAP	Pull or Push Sub-Assembly (All Models)	\$4,121.00

CLOSER BODIES - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
720XLAPS24L	Closer Body, 24V, Selective Hold Open, Left Hand	\$937.00
720XLAPS24R	Closer Body, 24V, Selective Hold Open, Right Hand	

Note: "X" in part number - specify closer size.

SLIDE TRACKS AND ARM ASSEMBLIES - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100-1T	Slide Track (7110SZ, 7150SZ)	\$209.00
7110-1A	Slide Arm (7110SZ)	\$163.00
7150-1R	Double Egress Arm - Right Hand (7150SZ)	\$354.00
7150-1L	Double Egress Arm - Left Hand (7150SZ)	
7701-1A	Double Lever Arm (7120SZ)	\$100.00
7701-1B	Double Lever Arm (7130SZ)	
7100SLD	Slider Assembly (part of slide track assembly)	\$101.00
7100CB	Cushion Block	\$69.00

COVERS - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100CL	Left Hand	\$432.00
7100CR	Right Hand	

PARTS - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100SK	Sensor Kit	\$477.00
7100PS	Power Supply (120V only)	\$193.00
7100REM	Remote	\$64.00

CLOSER BODIES - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
720XLAPS24L	Closer/Holder Assembly, 24V, Left Hand	\$937.00
720XLAPS24R	Closer/Holder Assembly, 24V, Right Hand	

Note: "X" in part number - specify closer size.

SLIDE TRACKS AND ARM ASSEMBLIES - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100-1T	Slide Track for 7210, 7240, 7250	\$209.00
7110-1A	Slide Arm for 7210	\$163.00
7140-1A	Connected Free Swing Arm Assembly for 7240	\$257.00
7150-1R	Double Egress Arm, Right Hand for 7250	\$354.00
7150-1L	Double Egress Arm, Left Hand for 7250	
7701-1A	Double Lever Arm for 7220	¢100.00
7701-1B	Double Lever Arm for 7230	\$100.00
7950-1L	Arm Assembly, Non-Hold Open, Left Hand - 7290	Φ1.40.00
7950-1R	Arm Assembly, Non-Hold Open, Right Hand - 7290	\$140.00
7950ST	Track Assembly, Non-Hold Open - 7290	\$250.00

SLIDE TRACK AND ARM PARTS - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100CB	Cushion Block (part of slider assembly)	\$69.00
7240SP	Screw Pack for CFS Arm	\$75.00

PARTS - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
MPDOSD24	Smoke Detector Board	\$507.00
MPSOCOV	Cover (Slave/Support Unit)	\$127.00
MPDOCOV	Cover (Master Unit)	\$147.00
SHOK	Selective Hold Open Switch Assembly 24V	\$112.00
SHO	Switch 24V	\$108.00

Power Track® Assemblies and Parts

TRACK ASSEMBLIES - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
PTO24	Hinge Side Track, Master or Support, 24V	Φ405.00
PPTO24	Stop Side Track, Master or Support, 24V	\$405.00

Note: Master or Support Unit Assemblies include track, slider assembly and solenoid block assembly. Hook-up box not included.

TRACK PARTS - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7700SLD	Slider Assembly	\$101.00
7700ASC	Slider Arm Stud Clip (included in slider assembly)	\$9.00
7700STEC	Track Assembly End Cap	\$7.40
PT24SOL	Solenoid Block Assembly 24V	\$274.00

ARM ASSEMBLIES - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701ST-1A	Standard Arm Assembly	\$105.00
7701ST-1AT	Adjusting Head and Tube Assembly	\$56.00
7701ST-1AR	Adjusting Rod Assembly	φυυ.υυ
7701PT-DE-1R	Double Egress Arm Assembly, Right Hand	\$191.00
7701PT-DE-1L	Double Egress Arm Assembly, Left Hand	\$191.00
7701ST-1ATR	Double Egress Adjusting Arm and Tube Assembly, Right Hand	\$139.00
7701ST-1ATL	Double Egress Adjusting Head and Tube Assembly, Left Hand	
7700AS	Arm Stud	\$7.00
7700ASR	Retaining Ring	\$3.40
7700ALAS	Arm Length Adjusting Screw	\$6.80

HOOK-UP BOXES AND PARTS - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
PTOHB24	Hook-Up Box Support Unit, 24V, Hinge Side	\$341.00
PTOHB120	Hook-Up Box Support Unit, 120V, Hinge Side	
PTDOHB24	Hook-Up Box Master Unit, 24V, Hinge Side	\$923.00
PTDOHB120	Hook-Up Box Master Unit, 120V, Hinge Side	
PPTOHB24	Hook-Up Box Support Unit, 24V, Stop Side	\$324.00
PPTOHB120	Hook-Up Box Support Unit, 120V, Stop Side	
PPTDOHB24	Hook-Up Box Master Unit, 24V, Stop Side	\$912.00
PPTDOHB120	Hook-Up Box Master Unit, 120V, Stop Side	
PTO125V	Fuse	\$18.60
PTDOHBCOV	Hook-Up Box Cover Kit (includes cover and screws), Master Unit	\$99.00
PTOHBCOV	Hook-Up Box Cover Kit (includes cover and screws), Support Unit	\$68.00
PTOPCB24	Hook-Up Board, 24V, Master, Support or Slave Units	\$160.00
PTOPCB120	Hook-Up Board, 120V, Master or Support Units	
MPDOSD24	Smoke Detector Board	\$507.00
P7700PB	Push Side Hook-Up Box Plug Button	\$9.00
PT24SOL	Solenoid Block Assembly (24V)	\$274.00

Note: Specify finish on all hook-up boxes. Specify finish on smoke detector cover.

ASSA ABLOY

USA & Canada Prices Effective June 3, 2019



RIXSON

Price List

USA and Canada Prices Effective June 3, 2019

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

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

1902 Airport Road Monroe, NC 28110

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

ASSA ABLOY Door Security Solutions Canada Customer Service – Vaughan

8:00 a.m. – 4:30 p.m. (Eastern)

160 Four Valley Drive Vaughan ON L4K 4T9

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

ASSA ABLOY Door Security Solutions Customer Service – West

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

Tel: 909-593-2100 Fax: 909-593-2500

Rixson TPS

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

Holiday Schedule*

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

2018 in USA

January 1 April 19 May 27 July 4 September 2 September 27, 28 – INVENTORY November 28, 29 December 24, 25

*Dates subject to change.

2019 in Canada

January 1: New Year's Day January 24: Inventory February 18: Family Day April 19: Good Friday May 20: Victoria Day July 1: Canada Day August 5: Civic Holiday September 3: Labor Day October 14: Thanksgiving December 25: Christmas Day December 26: Boxing Day

ORDERING PROTOCOL -----

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

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

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

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

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

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

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

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



ASSA ABLOY Door Security Solutions Website and eBusiness

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

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

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

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

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

eBusiness offers anytime access to:

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

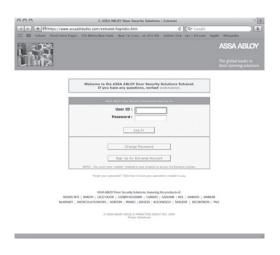
How to sign up for eBusiness access:

Step 1: Visit our website at www.rixson.com

Step 2: Double-click eBusiness icon (top middle)

Step 3: Complete ASSA ABLOY Door Security Solutions eBusiness sign-up form





ASSA ABLOY Door Security Solution's Fax Program -----

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

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

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

Step 1: Log into eBusiness.



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



Limited Warranty



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

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

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

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

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

Rixson® door controls:

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

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

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

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

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

Terms and Conditions

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

ACCEPTANCE

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

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

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

PRICES

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

TERMS

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

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

FREIGHT

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

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

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

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

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

Security Solutions extranet and will go into effect on the 2nd Monday of the quarter. Please refer to the RIXSON distributor extranet for the rate chart and information on the current freight charge percentage. The percentage in effect at the time of shipment of the order will be charged.

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

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

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

MINIMUM ORDER

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

QUOTATIONS

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

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

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

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

NON-CATALOGED PRODUCTS

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

CHANGES/CANCELLATION OF ORDERS

Changes or cancellations to an order will result in a charge of costs for material and labor expenses that have been incurred prior to notification from Customer. If products have already been made and or are located in the shipping room, the 45% restocking fee will apply. Handling charges are billed on Customer's original order. All

ASSA ABLOY

USA & Canada Prices Effective June 3, 2019

Terms and Conditions

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

Non-Cataloged Goods and RIXSON Quick Ship Orders may not be changed or cancelled. All change requests for goods, other than for the reasons stated above, must be submitted in writing to Customer Service within two (2) business days of receipt of acknowledgment of

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 addon 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.

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.

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

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

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

INVOICE DEDUCTION

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

RETURNED GOODS

It is the policy of RIXSON to not accept returns of any materials that are correctly furnished as per the Distributor's Purchase Order. Return of product due to customer order error or accommodation must be pre-arranged with RIXSON and approved in writing by Sales Management. 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.
- Custom, non-cataloged goods, or RIXSON Quick Ship product is not returnable.

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

- Send an RGA request in writing to the RIXSON Sales Representative serving the Purchaser's area.
- Ensure the RGA labels that are sent to Purchaser by RIXSON are visible on return goods shipment.
- Ensure that the RGA number appears on the return shipment label and is legible.
- Return the authorized merchandise within sixty (60) days from the date of RGA issuance date.
- Return shipments must be freight prepaid to the location specified on the RGA. RIXSON is not liable for damages to product during

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

PRODUCT MODIFICATIONS

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

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

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

TECHNICAL INFORMATION AND ADVICE

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

USA & Canada Prices Effective June 3, 2019

Finish Symbol Designations -----

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

Blackened or hammered finishes are not available.

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

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

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

SPECIAL FINISHES:

* Contact factory for availability * A set-up fee will be added to EACH purchase order that lists non-standard sprayed or powder coat finishes.	ADD \$800.00
Discount 50% only. Fee will appear as a separate line item on invoice: SETUPDCG.	



Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116

Options on page 89

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

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	27N	27N LAP	180	252050R*	274050R*	253000-PKG
	2710	Z/N LAP	160	252050L*	274050L*	255000-FKG
	\$1,748.00	\$1,189.00	\$228.00	\$121.00	\$109.00	\$101.00
	27S	27S LAP	180	252050R*	274750R*	253000-PKG
	213	213 LAF	160	252050L*	274750L*	255000-FRG
	\$1,873.00	\$1,314.00	\$228.00	\$121.00	\$109.00	\$101.00
	F27N 🕦	27N LAP	F180	252050R*	274050R*	253000-PKG
‡	F2/1N 🐨	Z/N LAP	F100	252050L*	274050L*	255000-FKG
	\$2,054.00	\$1,189.00	\$534.00	\$121.00	\$109.00	\$101.00
	27-180N	27-180N LAP	180	252050R*	274050R*	253000-PKG
		27-160IN LAP	180	252050L*	274050L*	
	\$1,885.00	\$1,326.00	\$228.00	\$121.00	\$109.00	\$101.00
	27-180A	27-180A LAP	180	252050R*	274050R*	253000-PKG
				252050L*	274050L*	
	\$2,010.00	\$1,451.00	\$228.00	\$121.00	\$109.00	\$101.00
	F27-180N (l)	27-180N LAP	F180 •	252050R*	274050R*	253000-PKG
	F27-180IN @D			252050L*	274050L*	
	\$2,191.00	\$1,326.00	\$534.00	\$121.00	\$109.00	\$101.00
	127N	28N LAP	180	652050R*	274050R*	253000-PKG
	12711	ZON LAF	100	652050L*	274050L*	255000-FRG
	\$1,826.00	\$1,179.00	\$228.00	\$209.00	\$109.00	\$101.00
⋤	127S	28S LAP	180	652050R*	274750R*	253000-PKG
	1273	200 LAF	100	652050L*	274750L*	20000-FRG
	\$1,951.00	\$1,304.00	\$228.00	\$209.00	\$109.00	\$101.00
Li* *	F127N (l)	28N LAP	E190	652050R*	274050R*	253000-PKG
	F12/1N (1)	ZOIN LAF	F180	652050L*	274050L*	233000-FNG
	\$2,132.00	\$1,179.00	\$534.00	\$209.00	\$109.00	\$101.00

*Finish required, see page 90 $N = Non-Hold\ open$ $A = Automatic\ Hold\ Open$ $S = Selective\ Hold\ Open$ Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately $LAP = Less\ All\ Parts$

Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 89

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

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg						
_	427N	OON LAD	180 x 102	652050R*	274050R*	253000-PKG						
	427N	28N LAP	ZON LAP	ZON LAP	ZON LAP	ZOIN LAF	ZOIN LAF	ZOIN LAI	100 X 102	652050L*	274050L*	255000-FKG
1	\$1,961.00	\$1,179.00	\$363.00	\$209.00	\$109.00	\$101.00						
	4070	000 1 4 D	100 -: 100	652050R*	274750R*	050000 DKC						
	427S	28S LAP	285 LAP	285 LAP	203 LAP	205 LAP	4275 265 LAP	180 x 102	652050L*	274750L*	253000-PKG	
	\$2,086.00	\$1,304.00	\$363.00	\$209.00	\$109.00	\$101.00						

Heavy Weight/Duty 1-1/2" Offset -

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	
	27N x 1-1/2OS	27N LAP	180 x	252060R*	274050R*	253000-PKG	
	27N X 1-1/205	2/N LAP	1-1/2OS	252060L*	274050L*	253000-PKG	
	\$1,996.00	\$1,189.00	\$411.00	\$186.00	\$109.00	\$101.00	
	27S x 🕦	27S LAP	180 x	252060R*	274750R*	052000 DKC	
	1-1/2OS	2/3 LAP	1-1/2OS	252060L*	274750L*	253000-PKG	
	\$2,121.00	\$1,314.00	\$411.00	\$186.00	\$109.00	\$101.00	
l Ĺ	F07N 4. 4/000	27N LAP	07N L AD	F180 x	252060R*	274050R*	253000-PKG
	F27N x 1-1/2OS		1-1/2OS	252060L*	274050L*	253000-PKG	
	\$2,447.00	\$1,189.00	\$862.00	\$186.00	\$109.00	\$101.00	
	27 x180N x	27 x 180N LAP	180 x	252060R*	274050R*	253000-PKG	
	1-1/2OS	27 X TOUN LAP	1-1/2OS	252060L	274050L*	255000-PKG	
	\$2,133.00	\$1,326.00	\$411.00	\$186.00	\$109.00	\$101.00	
	27-180A x 1-1/2OS	27 x 180A LAP	180 x 1-1/20S	252060R* 252060L*	274050R* 274050L*	253000-pkg	
	\$2,258.00	\$1,451.00	\$411.00	\$186.00	\$109.00	\$101.00	
	F27-180N x	07 100N LAD	F180 x	252060R*	274050R*	052000 DKC	
	1-1/2OS	27-180N LAP	1-1/2OS	252060L*	274050L*	253000-PKG	
	\$2,584.00	\$1,326.00	\$862.00	\$186.00	\$109.00	\$101.00	

Independently Hung (HANGING MEANS AFFECT PRICING AND MUST BE NOTED WHEN ORDERING)

Model	Complete Closer Specify Model, Hand and Hanging Means	LAP Specify Model and Hand	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	**E227N	327N LAP	N/A	3252010-*	3274010R*	253000-PKG
	**F327N 	327N LAF	IN/A	3232010-	3274010L*	233000-FNG
	\$1,843.00	\$1,275.00	N/A	\$358.00	\$109.00	\$101.00

*Finish required, see page 90 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

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

Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 89

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

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg		
	L27N	L27N LAP	L180	252051R*	274050R*	253001		
	LZTN	LZ/IN LAF	L160	252051L*	274050L*	255001		
	\$2,555.00	\$1,648.00	\$370.00	\$214.00	\$109.00	\$214.00		
	1.070	1070 1 AD	1.100	252051R*	274750R*	052001		
	L27S	L27S LAP	L180	252051L*	274750L*	253001		
	\$2,680.00	\$1,773.00	\$370.00	\$214.00	\$109.00	\$214.00		
	FL27N 🗓	L27N LAP	FL 100	252051R*	274050R*	253001		
	FL2/N &		LZ/N LAP	LZ/IN LAT	LZ/IN LAP	FL180	252051L*	274050L*
	\$2,967.00	\$1,648.00	\$782.00	\$214.00	\$109.00	\$214.00		
	1.07.4001	L27-180N LAP	1.100	252051R*	274050R*	052001		
	L27-180N		LZT-TOUN LAF	L180	252051L*	274050L*	253001	
	\$2,733.00	\$1,826.00	\$370.00	\$214.00	\$109.00	\$214.00		
	1.07.1004	L27-180A LAP	1.100	252051R*	274050R*	050001		
	L27-180A		252051L*	274050L*	253001			
	\$2,858.00	\$1,951.00	\$370.00	\$214.00	\$109.00	\$214.00		
	EL 07. 400N (IV)	1.07.400111.40	El 400	252051R*	274050R*	050004		
	FL27-180N 🕦	L27-180N LAP	FL180	252051L*	274050L*	253001		
	\$3,145.00	\$1,826.00	\$782.00	\$214.00	\$109.00	\$214.00		

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

Model	Complete Closer Specify Model, Hand and Degree	Model, Hand	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	
				2" 252052R*	274050R*		
	L27N x door thickness	L27N LAP	L180 x door thickness	2" 252052L* 2-1/4" 252053R* 2-1/4" 252053L* 2-1/2" 252054R* 2-1/2" 252054L* 3" 252055R* 3" 252055L*	274050L*	253001	
	\$2,944.00	\$1,648.00	\$558.00	\$415.00	\$109.00	\$214.00	
	L27S x door	L27S LAP	L180 x door thickness See above		274750R*	253001	
†	thickness			274750L*	255001		
	\$3,069.00	\$1,773.00	\$558.00	\$415.00	\$109.00	\$214.00	
	L27-180N x door	L27-180N LAP	L180 x door	0	274050R*	253001	
	thickness	LZ7-TOUN LAP	thickness	See above	274050L*	255001	
	\$3,122.00	\$1,826.00	\$558.00	\$415.00	\$109.00	\$214.00	
	L27-180A x door	L27-180A x door L27-180A LAP L180 x doo		See above	274050R*	253001	
	thickness	LZI-100A LAI	thickness	Oce above	274050L*	233001	
	\$3,247.00	\$1,951.00	\$558.00	\$415.00	\$109.00	\$214.00	

*Finish required, see page 90 N=N Non-Hold open N=N A = Automatic Hold Open N=N S= Selective Hold Open Note: Buying program discount on Pivots applies when Pivots are ordered separately LAP = Less All Parts



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

Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 89

Heavy Weight/Duty Quick Install

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	Intermediate Pivot *Cannot be ordered less intermediate pivot
	Q27N	Q27N LAP	180	222050R*	294050R*	253000-PKG	M19
	QZIN	Q27N LAI	100	222050L*	294050L*	255000-1 KG	IVITS
 	\$2,335.00	\$1,324.00	\$228.00	\$246.00	\$109.00	\$101.00	\$327.00
	Q27S	Q27S LAP	180	222050R*	294750R*	253000-PKG	M10
	Q275	Q275 LAP	160	222050L*	294750L*	253000-PKG	M19
	\$2,460.00	\$1,449.00	\$228.00	\$246.00	\$109.00	\$101.00	\$327.00
	FQ27N 🗓	007N LAD	27N LAP F180	222050R*	294050R*	050000 BKC	FM19
-		Q2/N LAP		222050L*	294050L*	253000-PKG	1 10119
	\$3,009.00	\$1,324.00	\$534.00	\$246.00	\$109.00	\$101.00	\$695.00
	QT27N	007N LAD	180	222050R*	N/A	253000-PKG	M19
	Q12/N	Q27N LAP	160	222050L*	IN/A	253000-PKG	IVIT9
	\$2,226.00	\$1,324.00	\$228.00	\$246.00	ı	\$101.00	\$327.00
	QT27S	Q27S LAP	180	222050R*	N/A	253000-PKG	M19
-in-12-m-m	Q1275	Q273 LAP	160	222050L*	IN/A	255000-PKG	IVIT9
	\$2,351.00	\$1,449.00	\$228.00	\$246.00	-	\$101.00	\$327.00
السللة	FQT27N 🖫	007NLAD	F100	222050R*	NI/A	052000 BKC	EM10
	FQ12/N 🖭	Q27N LAP	F180	222050L*	N/A	253000-PKG	FM19
	\$2,900.00	\$1,324.00	\$534.00	\$246.00	_	\$101.00	\$695.00

Heavy Weight/Duty HM Door and Frame Preps

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Hinge Pkg (3 per pkg)	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	HM27N & 🕦 FHM27N	27N LAP	254545*-PK	222050R*HM	274050R*	253000-PKG
(3 Each)	FHM27N	27N LAP 204040 -1	204040 -PK	222050L*HM	274050L*	255000-PNG
🛍	\$2,294.00	\$1,189.00	\$649.00	\$246.00	\$109.00	\$101.00
	LIMOZO	070 45	054545* DV	222050R*HM	274750R*	050000 BKO
HM27S	HIVI275	27S LAP	254545*-PK	222050L*HM	274750L*	253000-PKG
	\$2,419.00	\$1,314.00	\$649.00	\$246.00	\$109.00	\$101.00



Heavy Duty Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 89

Standard Weight/Duty 180° Swing-----

Model	Complete Closer Specify Model and Hand	LAP Specify Model and Hand	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg					
	20N	20N LAP	180	252050R*	204050R*	203000					
	2014	2014 12 11	2014 12 11	2017 25 %			100	252050L*	204050L*	200000	
	\$1,834.00	\$1,275.00	\$228.00	\$121.00	\$109.00	\$101.00					
	F20N(I)	2011 40	F100	252050R*	204050R*	202000					
	FZUN ®	20N LAP	20N LAP	ZUN LAP	ZUN LAP	ZUN LAP	ZUN LAP	F180	252050L*	204050L*	203000
	\$2,140.00	\$1,275.00	\$534.00	\$121.00	\$109.00	\$101.00					

Heavy Duty Center Hung Floor Closers

Options on page 89

Heavy Weight/Duty Single Acting -----

Model	Complete Closer Specify Model, Hand and Degree	LAP Specify Model, Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	
	28N x 554	28N LAP	340	282554	284020R*	253000-PKG	
	2011 X 334	ZON LAF	340	262554	284020L*	233000-FNG	
t	\$1,691.00	\$1,179.00	\$148.00	\$148.00	\$115.00	\$101.00	
	28S x 554	28S LAP	340	282554	284720R*	253000-PKG	
	203 X 334	203 LAF	340	202334	284720L*		
	\$1,816.00	\$1,304.00	\$148.00	\$148.00	\$115.00	\$101.00	
	28N	28N LAP	0.40	282026-*	284020R*	253000-PKG	
	2011	ZON LAP	340	202020-	284020L*	255000-PKG	
[\$1,691.00	\$1,179.00	\$148.00	\$148.00	\$115.00	\$101.00	
	28S	000 LAD	0.40	282026-*	284720R*	050000 DKC	
	203	28S LAP	340	202020-	284720L*	253000-PKG	
	\$1,816.00	\$1,304.00	\$148.00	\$148.00	\$115.00	\$101.00	

*Finish required, see page 90 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 89

Extra Heavy Weight/Duty Single Acting

Model	Complete Closer Specify Model Hand and Degree	LAP Specify Model Hand and Degree	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	H28N	H28N LAP	H340	262022	284020R*	253001
	HZ0IN	HZON LAP	H340	202022	284020L*	253001
Í	\$2,858.00	\$1,371.00	\$486.00	\$672.00	\$115.00	\$214.00
	11000	LICOCLAD	11040	000000	284720R*	050004
	H28S	H28S LAP	H340	262022	284720L*	253001
	\$2,983.00	\$1,496.00	\$486.00	\$672.00	\$115.00	\$214.00
_П	LI00NL 507		110.40	000507	284020R*	253001
	H28N x 587	H28N LAP	H340	262587	284020L*	
11,,,,,,	\$2,858.00	\$1,371.00	\$486.00	\$672.00	\$115.00	\$214.00
8-8	LI000 507	11000 1 4 5		000507	284720R*	050004
1	H28S x 587	H28S LAP	H340	262587	284720L*	253001
	\$2,983.00	\$1,496.00	\$486.00	\$672.00	\$115.00	\$214.00

*Finish required, see page 90 $N = Non-Hold\ open$ $A = Automatic\ Hold\ Open$ $S = Selective\ Hold\ Open$ Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately $LAP = Less\ All\ Parts$

Heavy Duty Center Hung Floor Closers

Options on page 89

Patch Fittings/Single Acting ----

Model	Complete Closer Specify Model, Hand and Degree	Model, Hand and	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	328N	328N LAP	N/A	N/A	284020R*	253000-PKG
-					284020L*	
	\$1,395.00	\$1,179.00	-	-	\$115.00	\$101.00
	328S	328S LAP	N/A	N/A	284720R*	253000-PKG
	3203	3203 LAF			284720L*	
	\$1,520.00	\$1,304.00	-	ı	\$115.00	\$101.00
	428N	400N 400N 4 A D	7494*PK	7495*PK	284020R*	253000-PKG
	420N	428N LAP			284020L*	
	\$2,046.00	\$1,179.00	\$317.00	\$334.00	\$115.00	\$101.00
	4000	4000 LAD	7404*DI/	7405*DV	284720R*	050000 BKO
	428S	428S LAP	7494*PK	7495*PK	284720L*	253000-PKG
	\$2,171.00	\$1,304.00	\$317.00	\$334.00	\$115.00	\$101.00

Thru-wire/Power Transfer Single Acting

Model	Specify Model, Hand, Degree and Number of Wires	LAP Specify Model, Hand, Degree and Number of Wires	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	
П	EH28N	EH28N LAP	H340	262022	284020R* 284020L*	253001	
	\$3,122.00	\$1,635.00	\$486.00	\$672.00	\$115.00	\$214.00	
	EH28S	EH28S LAP	H340	262022	284720R* 284720L*	253001	
	\$3,247.00	\$1,760.00	\$486.00	\$672.00	\$115.00	\$214.00	
ф —	EH28N x 587	587 EH28N LAP	H340	262587	284020R*	253001	
 	LI IZON X 307	LI IZON LAI		202567	284020L*	253001	
	\$3,122.00	\$1,635.00	\$486.00	\$672.00	\$115.00	\$214.00	
	EH28S x 587	EH28S LAP	H340	262587	284720R*	253001	
	L11200 X 301	L11200 LAI	H340	202307	284720L*	200001	
1	\$3,247.00	\$1,760.00	\$486.00	\$672.00	\$115.00	\$214.00	

*Finish required, see page 90

A=Automatic Hold Open S=Selective Hold Open N=Non 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 89

Heavy Weight/Duty Double Acting ----

Model	Complete Closer Specify Model and Degree (If Hold Open)	LAP Specify Model & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	30N	30N LAP	340	302026	304020-*	303000
	\$2,062.00	\$1,497.00	\$148.00	\$148.00	\$153.00	\$116.00
	30A	30A LAP	340	302026	304020-*	303000
	\$2,187.00	\$1,622.00	\$148.00	\$148.00	\$153.00	\$116.00
	40N	40N LAP	340	302026	404020-*	403000
	\$2,121.00	\$1,526.00	\$148.00	\$148.00	\$147.00	\$152.00
	40A	40A LAP	340	302026	404020-*	403000
	\$2,246.00	\$1,651.00	\$148.00	\$148.00	\$147.00	\$152.00

Extra Heavy Weight/Duty Double Acting -

Model	Complete Closer Specify Model and Degree (If Hold Open)	LAP Specify Model & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	H40N	H40N LAP	H340	262022	404020-*	403000
	\$3,972.00	\$2,515.00	\$486.00	\$672.00	\$147.00	\$152.00
	H40A	H40A LAP	H340	262022	404020-*	403000
	\$4,097.00	\$2,640.00	\$486.00	\$672.00	\$147.00	\$152.00
	H40N X 587	H40N LAP	H340	262587	404020-*	403000
	\$3,972.00	\$2,515.00	\$486.00	\$672.00	\$147.00	\$152.00
	H40A X 587	H40A LAP	H340	262587	404020-*	403000
	\$4,097.00	\$2,640.00	\$486.00	\$672.00	\$147.00	\$152.00

*Finish required, see page 90 $N = Non-Hold\ open$ $A = Automatic\ Hold\ Open$ Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately $LAP = Less\ All\ Parts$

Heavy Duty Floor Closers Options

Quick Reference Options

Prefix	Description	Price
РН	Physically Handicapped 5# 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# of opening force. Suffix 8.5# 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.	\$131.00
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.	\$147.00
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.	\$135.00				
Torx	Security screws. Only provided for screws visible.					
CWF	Cold weather fluid for temperatures consistently below 0 degrees.	\$59.00				
-20	20 minute UL listing for smoke doors. Do not prefix F.	\$26.00				
8.5#	Prefix PH when ordering this light opening force. Rixson will not be responsible if door will not completely close when PH products are supplied.	\$0.00				
SPLO	Special layout that may require special templating and/or products	Excluded from buying program Contact factory for pricing				

Heavy Duty Floor Closers Accessories How To Order

Door Control Accessories ------

			Price
9	1101	Cement Case for use with expansion joints, (handed)	\$490.00
	79501	Cement Case for use with shallow floors (non-handed)	\$293.00
	25204	Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers.	\$235.00
W	25304	Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.	\$235.00
	846*	Cover Pan for 27 closer, specify depth, hand 1-3/4 doors only	\$726.00
	3910*	Cover Pan for L27 closer, specify depth, hand 1-3/4 doors only	\$726.00
	2237*	Cover Pan for 28 closer x 554 flat arm, specify depth, hand.	\$726.00
	841*	Cover Pan for 28 closer, centering arm, specify depth, hand.	\$726.00
600	60131	Lock edge applied stop for center hung doors. Specify finish.	\$79.00
	1859001	Quickspotter Installation 25, 27, 28, 30, 40	\$105.00
E	1859501	Quickspotter Installation for Q27	\$105.00

^{*} Specify stainless steel or brass

How To Order

F	27	90 Degree	N	x 1/2" Ext Spindle		x RH	x 626
Prefix	Model	of Swing	Hold Open	Suffix		Hand	Finish
DA Delayed Action PH Lighter Spring (ADA) F Fire Rated Doors W Wood Door (center hung)	27 127 427 327 L27 Q27 QT27 HM27 20 28 H28 328 428 EH28 30 40 H40	85 90 95 105 100 – (30 and 40 Series) 180 – (20 and 27-180 only)	N = Non-Hold Open A = Automatic Hold Open S = Selective Hold Open	1-1/2OS 2" 2-1/4" 2-1/2" 3" 554 587 Ext Spdl -20 8.5# LAP LFP LCC LTP CWF Pan TORX SPLO#	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) RH Right Hand LH Left Hand	605 Bright Brass 606 Satin Brass 611 Bright Bronze 612 Satin Bronze 613 Dark Bronze 613E Dark Oxidized Satin Bronze - Equivalent 618 Bright Nickel 619 Satin Nickel 622 Flat Black 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede

Shallow Depth Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 97

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

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	5103NBC 5104NBC	5103NBC LAP 5104NBC LAP	180	252050R*	4000500R*XXE	4000301
	5105NBC	5105NBC LAP		252050L*	4000500L*XXE	1000001
	\$1,739.00	\$1,160.00	\$228.00	\$121.00	\$115.00	\$115.00
	5103ABC 5104ABC	5103ABC LAP 5104ABC LAP	180	252050R*	4000500R*XXE	4000301
	5105ABC	5105ABC LAP	100	252050L*	4000500L*XXE	1000001
	\$1,795.00	\$1,216.00	\$228.00	\$121.00	\$115.00	\$115.00
 -	F5103NBC 5103NBC LAP F5104NBC 5104NBC LAP		F180	252050R*	4000500R*XXE	4000301
<u>[</u>	F5104NBC (1) F5105NBC	5105NBC LAP	. 100	252050L*	4000500L*XXE	1000001
	\$2,045.00	\$1,160.00	\$534.00	\$121.00	\$115.00	\$115.00

*Finish required, see page 98 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*

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

Shallow Depth Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116

Options on page 97

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

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	
	5103NBC x 1-1/2OS 5104NBC x 1-1/2OS	5103NBC LAP 5104NBC LAP	180 x 1-1/2OS	252060R*	4000500R*XXE	4000301	
	5105NBC x 1-1/20S	5105NBC LAP	160 X 1-1/203	252060L*	4000500L*XXE	4000301	
	\$1,987.00	\$1,160.00	\$411.00	\$186.00	\$115.00	\$115.00	
 	5103ABC x 1-1/2OS 5104ABC x 1-1/2OS	5103ABC LAP	180 x 1-1/2OS	252060R*	4000500R*XXE	4000201	
	5104ABC x 1-1/20S 5105ABC x 1-1/20S	5104ABC LAP 5105ABC LAP	160 X 1-1/205	252060L*	4000500L*XXE	4000301	
	\$2,043.00	\$1,216.00	\$411.00	\$186.00	\$115.00	\$115.00	
	F5103NBC x 1-1/2OS	5103NBC LAP	F180 x 1-1/2OS	252060R*	4000500R*XXE	4000201	
	F5104NBC x 1-1/2OS F5105NBC x 1-1/2OS	5104NBC LAP 5105NBC LAP	F180 X 1-1/205	252060L*	4000500L*XXE	4000301	
	\$2,438.00	\$1,160.00	\$862.00	\$186.00	\$115.00	\$115.00	

Independently Hung (HANGING MEANS AFFECT PRICING AND MUST BE NOTED WHEN ORDERING)

Model	Complete Closer Specify Model, Hand and Hanging Means	LAP Specify Model & Hand	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
Parallel to Frame	**F5303NBC **F5304NBC **F5305NBC (5303NBC LAP 5304NBC LAP 5305NBC LAP	N/A	3252010-*	4000600-*XXE	4000301
	\$1,748.00	\$1,160.00	-	\$358.00	\$115.00	\$115.00
Perpendicular to Frame	**F5313NBC () **F5314NBC **F5315NBC	5313NBC LAP 5314NBC LAP 5315NBC LAP	FM19	3252010-*	4000600-*XXE	4000301
	\$2,503.00	\$1,220.00	\$695.00	\$358.00	\$115.00	\$115.00

^{*}Finish required, see page 98

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

**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.



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

Shallow Depth Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of one intermediate pivot. See page 116 Options on page 97

Standard Weight/Duty Quick Install ----

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg	Intermediate Pivot
	Q5103NBC Q5104NBC	Q5103NBC LAP Q5104NBC LAP	180	222050R*	4000501R*XXE	4000301	M19
	Q5105NBC	Q5105NBC LAP		222050L*	4000501L*XXE		
	\$2,268.00	\$1,237.00	\$228.00	\$246.00	\$115.00	\$115.00	\$327.00
	Q5103ABC Q5104ABC	Q5103ABC LAP Q5104ABC LAP	180	222050R*	4000501R*XXE	4000201	M10
	Q5105ABC Q5105ABC	Q5104ABC LAP Q5105ABC LAP	222050L*	4000501LXXE*	4000301	M19	
	\$2,324.00	\$1,293.00	\$228.00	\$246.00	\$115.00	\$115.00	\$327.00
	FQ5103NBC	Q5103NBC LAP		222050R*	4000501R*XXE	4000301	FM19
[FQ5104NBC FQ5105NBC	Q5104NBC LAP F Q5105NBC LAP		222050L*	4000501L*XXE		
	\$2,942.00	\$1,237.00	\$534.00	\$246.00	\$115.00	\$115.00	\$695.00
	QT5103NBC QT5104NBC	Q5103NBC LAP Q5104NBC LAP	180	222050R*	N/A	4000301	M19
	QT5104NBC QT5105NBC	Q5104NBC LAP	100	222050L*	IN/A	4000301	IVITS
	\$2,153.00	\$1,237.00	\$228.00	\$246.00	-	\$115.00	\$327.00
	QT5103ABC QT5104ABC	Q5103ABC LAP Q5104ABC LAP	180	222050R*	N/A	4000301	M10
	QT5104ABC QT5105ABC	Q5104ABC LAP	100	222050L*	IN/A	4000301	M19
	\$2,209.00	\$1,293.00	\$228.00	\$246.00	-	\$115.00	\$327.00
	FQT5103NBC	Q5103NBC LAP	F100	222050R*	NI/A	4000004	EN440
	FQT5104NBC FQT5105NBC			222050L*	N/A	4000301	FM19
	\$2,827.00	\$1,237.00	\$534.00	\$246.00		\$115.00	\$695.00

*Finish required, see page 98
NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately *LAP= Less All Parts*



Shallow Depth Offset Hung Floor Closers

Note that all fire rated openings must have a minimum of 3 hinges. Options on page 97

Standard Weight/Duty HM Door and Frame Preps •

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Hinge Pkg (3 per pkg)	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	HM5103NBC HM5104NBC	5103NBC LAP 5104NBC LAP	254545*PK	222050R*HM	4000501R*XXE	4000301
0	HM5105NBC	5105NBC LAP 254545 FK	204040 FK	222050L*HM	4000501L*XXE	4000301
	\$2,285.00	\$1,160.00	\$649.00	\$246.00	\$115.00	\$115.00
0	HM5103ABC HM5104ABC	5103ABC LAP 5104ABC LAP	254545*PK	222050R*HM	4000501R*XXE	4000301
0	HM5105ABC	5104ABC LAP 5105ABC LAP	254545 PK	222050L*HM	4000501L*XXE	4000301
	\$2,341.00	\$1,216.00	\$649.00	\$246.00	\$115.00	\$115.00
	FHM5103NBC FHM5104NBC	5103NBC LAP 5104NBC LAP	254545*PK	222050R*HM	4000501R*XXE	4000301
	FHM5105NBC	5105NBC LAP	204040 FK	222050L*HM	4000501L*XXE	4000301
	\$2,285.00	\$1,160.00	\$649.00	\$246.00	\$115.00	\$115.00

*Finish required, see page 98 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 97

Standard Weight /Duty Single Acting ------

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
<u> </u>	5013NBC x 554 5014NBC x 554 5015NBC x 554	5013NBC LAP 5014NBC LAP 5015NBC LAP	340	282554	4000600-*XXE	4000301
	\$1,686.00	\$1,160.00	\$148.00	\$148.00	\$115.00	\$115.00
	5013ABC x 554 5014ABC x 554 5015ABC x 554	5013ABC LAP 5014ABC LAP 5015ABC LAP	340	282554	4000600-*XXE	4000301
	\$1,742.00	\$1,216.00	\$148.00	\$148.00	\$115.00	\$115.00
_	5013NBC 5014NBC 5015NBC	5013NBC LAP 5014NBC LAP 5015NBC LAP	340	282026*	4000600-*XXE	4000301
<u> </u>	\$1,686.00	\$1,160.00	\$148.00	\$148.00	\$115.00	\$115.00
	5013ABC 5014ABC 5015ABC	5013ABC LAP 5014ABC LAP 5015ABC LAP	340	282026*	4000600-*XXE	4000301
	\$1,742.00	\$1,216.00	\$148.00	\$148.00	\$115.00	\$115.00

*Finish required, see page 98

NBC = Non-Hold open with backcheck ABC = Automatic Hold Open with backcheck Note: Buying program discount on Pivots applies when Pivots are ordered separately

Shallow Depth Center Hung Floor Closers

Options on page 97

Standard Weight/Duty Double Acting -

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	5023NBC 5024NBC 5025NBC	5023NBC LAP 5024NBC LAP 5025NBC LAP	340	282026*	4000600-*XXE	4000301
	\$1,765.00	\$1,239.00	\$148.00	\$148.00	\$115.00	\$115.00
[5 	5023ABC 5024ABC 5025ABC	5023ABC LAP 5024ABC LAP 5025ABC LAP	340	282026*	4000600-*XXE	4000301
	\$1,821.00	\$1,295.00	\$148.00	\$148.00	\$115.00	\$115.00

Patch Fittings Single Acting -----

Model	Complete Closer Specify Model, Hand & Degree (If Hold Open)	LAP Specify Model, Hand & Degree (If Hold Open)	Top Patch	Bottom Patch	Floor Plate	Cement Case
	5043NBC 5044NBC 5045NBC	5043NBC LAP 5044NBC LAP 5045NBC LAP	7494*PK	7495*PK	4000600-*XXE	4000301
	\$2,041.00	\$1,160.00	\$317.00	\$334.00	\$115.00	\$115.00
	5043ABC 5044ABC 5045ABC	5043ABC LAP 5044ABC LAP 5045ABC LAP	7494*PK	7495*PK	4000600-*XXE	4000301
	\$2,097.00	\$1,216.00	\$317.00	\$334.00	\$115.00	\$115.00

*Finish required, see page 98

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	\$154.00
W	For center hung wood doors using arm 282026.	\$0.00
Suffix	Description	Price
Ext SpdI	To accommodate special floor conditions, the spindle can be ordered with longer spindle 1/2" increments up to and including 2" longer.	\$77.00
Torx	Security screws. Only provided for screws visible.	\$255.00
-20	20 minute UL listing for smoke doors. Do not prefix F.	\$26.00
SPLO	Special layout that may require special templating and/or products	Excluded from buying program Consult factory for pricing
SC	Sealing a closer protects it from moisture. Cement case and closer body are gasketed and fastened together. Closer must be ordered with cement case and shipped at the same time	\$147.00

Door Control Accessories

	2637*	Cover Pan for 51 closer, specify depth.	\$1,063.00
	2807D*	Cover Pan for 53 closer, specify depth.	\$1,063.00
	2807B*	Cover Pan for 50 closer x 554 flat arm, specify depth.	\$1,063.00
	2807A*	Cover Pan for 50 closer, centering arm, specify depth.	\$1,063.00
6	60131	Lock edge applied stop for center hung doors, specify finish	\$79.00
	1855051	50/51/53 Quickspotter. Quickspotter Installation Tool for 50/51/53	\$105.00

^{*}Specify stainless steel or brass

F Prefix	510 Model	3 Spring Size	NBC Function	x 1-	1/2" Offset Suffix	x RH Hand		x 626 Finish
DA Delayed Action F Fire Rated Doors W Wood Dr (center hung)	510 Offset 530 Independently Hung Parallel to Frame 531 Independently Hung Perpendicular to Frame 501 Center Hung Single Acting 502 Center Hung Double Acting 504 Center Hung with Patch Fittings	2 3 4 5	NBC = Non-Hold Open ABC = Automatic Hold Open Specify Degree	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) RH Right Hand LH Left Hand	618 619 622 625 626 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



Options, see page 101

Duo Chek® Double Acting ------

Model	Complete Closer Specify Model	LAP Specify Model	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	10 15	10 LAP 15 LAP	101020*	102026-*	104020-*	103000*
•	\$1,175.00	\$680.00	\$162.00	\$115.00	\$82.00	\$136.00
	12 16	12 LAP 16 LAP	101020*	102026-*	104020-	103000-*
	\$1,115.00	\$620.00	\$162.00	\$115.00	\$82.00	\$136.00

Gate Closers -

Model	Complete Closer Specify Model	LAP Specify Model	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	354	X03540370-*	3541020-*	3542026-*	N/A	N/A
	355	X03540370-	3551020-*	3542026*	N/A	N/A
	\$1,447.00	\$922.00	\$259.00	\$266.00	ı	-
₽	356	V005 40070 *	3541020-*	3562020-*	N/A	N/A
	357	X03540370-*	3551020-*	3562020*	N/A	N/A
	\$1,447.00	\$922.00	\$259.00	\$266.00	-	-
Independently Hung	359	X03540370-*	N/A	3592010-*	N/A	N/A
	\$1,448.00	\$922.00	_	\$526.00	_	_

Security Closers -

Model	Complete Closer Specify Model, Hand	LAP Specify Model, Hand	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	SEC27-180N	SEC27-180N LAP	FA180	252056R*	274056*	253001SEC
	3L027-100N	SLOZI-100N EAI	17100	252056L*	274030	230001000
	\$3,238.00	\$1,336.00	\$587.00	\$214.00	\$745.00	\$356.00

*Finish_required, see page 101

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





Options, see page 101

Exterior Gate Closer -----

Model	Complete Closer Specify Model			
	1351			
	\$618.00			

*Finish required, see page 101 Non-Hold open Only

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

Specialty Closers Options How To Order

Quick Reference Options

Prefix	Description	Price
РН	Physically Handicapped 5# 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.	\$92.00
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.	\$77.00
SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

How To Order

Prefix		Sec 27 Model	N Hold Open	x LTP Suffix	x RH Hand		x 689 Finish
PH Lighter Spring (ADA)	10 12 15 16 354 355 356 357 359 SEC27 -180 1351	Duo Chek (Hold Open) Duo Chek Duo Chek (Hold Open) Duo Chek Gate Gate Gate Gate Gate Security Exterior Gate	Blank = Not Applicable N = Non-Hold Open	1-1/2" Offset Extended Spindle Less All Parts Less Floor Plate Less Cement Case Less Top Pivot Depth for Cover Pan Special Layout	Blank (10, 12, 15, 16, 354, 355, 356, 357, 359) RH Right Hand LH Left Hand	613E 618 619 622 625 626 689 690 691 693 696 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 (Sprayed finishes 350 Series gate closers only) Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Black -1350 and 1351 Sprayed Brass Black Suede White Suede



Roller Mate® Caster -----

Model		Description	Price
10600		Single Roller Caster	See Page 121
	10602	Double Roller Caster	See Page 121
	10600-025 for 10600 10600-028 for 10602	Hollow Metal Reinforced Plate	See Page 121

Special Cement Cases ------

М	odel	Description	Price
	1101	Cement Case for use with expansion joints, handed	See Page 90
	79501	Cement Case for use with shallow floors	See Page 90
	25204	Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers	See Page 90
	25304	Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.	See Page 90

Cover Pans -

Model		Description	Price
	846*	Cover Pan for 27 closer, specify depth, hand. 1-3/4 doors only.	See Page 90
	3910*	Cover Pan for L27 closer, specify depth, hand. 1-3/4 doors only	See Page 90
	2237*	Cover Pan for 28 closer x 554 flat arm, specify depth, hand.	See Page 90
	841*	Cover Pan for 28 closer, centering arm, specify depth, hand.	See Page 90
	841B*	Cover Pan for H28 and H28 x 587 arm closers, specify depth, hand.	See Page 90
	2637*	Cover Pan for 51 closer, specify depth, hand. 1-3/4 doors only.	See Page 97
	2807D*	Cover Pan for 53 closer, specify depth, hand.	See Page 97
	2807B*	Cover Pan for 50 closer x 554 flat arm, specify depth, hand.	See Page 97
	2807A*	Cover Pan for 50 closer, centering arm, specify depth, hand.	See Page 97

*Finish required, stainless steel or brass

USA & Canada Prices Effective June 3, 2019

Applied Stop ----

Model		Description	Price
	60131 Specify Finish	Lock edge applied stop for single acting center hung doors	See Page 97

Installation Tools -----

RIXSON

Model		Description	Price	
2604		Pivot Alignment Tool	See Page 121	
₹	2608	Pivot Alignment Tool for H340 and H345		
	1859001	27/28/30/40 Quickspotter Installation Tool	See Page 90	
	1859501	Q27 Quickspotter Installation Tool	See Page 90	
	1855051	50/51/53 Quickspotter Installation Tool	See Page 97	

Overhead Concealed Closers Offset Commodity Grade

Options, see page 107

Offset Hung ----

Model	Complete Closer Specify Model and Degree (If Hold Open)	LAP Specify Model and Degree (If Hold Open)	Mounting Bracket/ Channel	Top Arm & Rail Package	Cover Plate Pkg
	0608	608 LAP	608019	06082012-*	N/A
	\$749.00	\$479.00	\$52.00	\$218.00	-
	M0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,017.00	\$479.00	\$198.00	\$218.00	\$122.00
	MW0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,017.00	\$479.00	\$198.00	\$218.00	\$122.00
	W0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,017.00	\$479.00	\$198.00	\$218.00	\$122.00
	AW0608	608 LAP	608019	06082012-*	N/A
	\$749.00	\$479.00	\$52.00	\$218.00	_

See model 547 pivot set on page 114 as a method to hang doors.

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

*Finish required, sprayed finishes only see page 107 - Arms are sprayed finishes only N=Non-Hold open A=Automatic Hold Open A=Automatic Hold Open A=Automatic Hold Open Automatic Hold Open

Overhead Concealed Closers Center Hung Commodity Grade

Options, see page 107

Center Hung -----

Model	Complete Closer Specify Model and Degree (If Hold Open)	LAP Specify Model and Degree (If Hold Open)	Mounting Bracket/Channel	Top Arm Package	Bottom Pivot Package	Cover Plate Pkg
	608EL	608 LAP	608019	6002020	608011A	N/A
	\$756.00	\$479.00	\$52.00	\$77.00	\$148.00	-
	608SL	608 LAP	608019	608005S	608011A	NA
	\$756.00	\$479.00 \$52.00 \$77.00		\$77.00	\$148.00	-
	M608	608 LAP	608049PKG	6002020	608011A	6084000*
	\$1,024.00	\$479.00	\$198.00	\$77.00	\$148.00	\$122.00
0 0 0	MW608	608 LAP	608049PKG	6002021	608011A	6084000*
	\$1,024.00	\$479.00	\$198.00	\$77.00	\$148.00	\$122.00
() () () () () () () () () ()	W608	608 LAP	608049PKG	6002021	608011A	6084000*
000	\$1,024.00	\$479.00	\$198.00	\$77.00	\$148.00	\$122.00
	AW608	608 LAP	608019	6002021	608011A	N/A
	\$756.00	\$479.00	\$52.00	\$77.00	\$148.00	-

*Finish required, sprayed finishes only see page 107 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	\$180.00

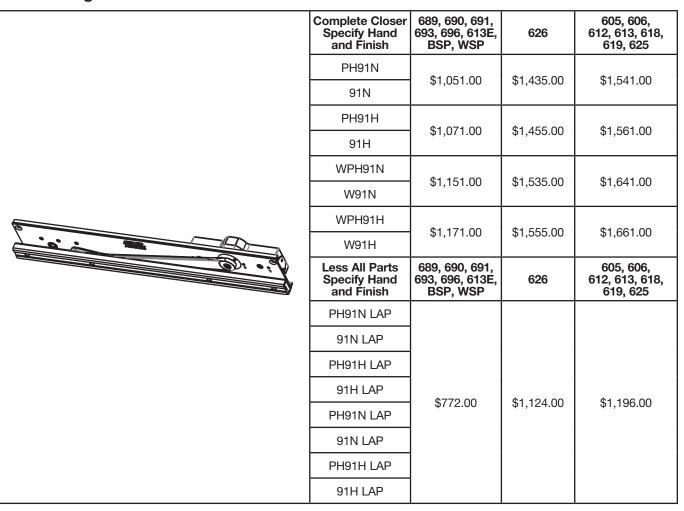
How To Order

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

Overhead Concealed Closers Offset Architectural Grade

Options, see page 111

Offset Hung



See model 547 pivot on page 114 as a method to hang doors.

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

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

Overhead Concealed Closers Center Architectural Grade

Options, see page 111

Center Hung Single Acting

Model	Complete Closer Specify Model Size, Hand and Degree	LAP Specify Model Size, Hand and Degree	Mounting Bracket/ Channel/ Plate	Top Arm Package	Bottom Pivot Package	Cover Plate Package
	706 707 708	706 LAP 707 LAP 708 LAP	1639000	8002020	2183020	N/A
	\$1,931.00	\$1,561.00	\$60.00	\$131.00	\$179.00	-
	M706 M707	706 LAP 707 LAP	1929000	8002020	2183020	7004000R
	M708	708 LAP			2100020	7004000L*
المعالمة ا	\$2,213.00	\$1,561.00	\$189.00	\$131.00	\$179.00	\$153.00
	MW706 MW707	706 LAP 707 LAP	1929000	8002021	2183020	7004000R*
	MW708	708 LAP	1323000	0002021	2100020	7004000L*
المنتقعة الم	\$2,252.00	\$1,561.00	\$189.00	\$170.00	\$179.00	\$153.00
	W706	706 LAP	4000000	0000004	0400000	7004000R*
	W707 W708	707 LAP 708 LAP	1989000	8002021	2183020	7004000L*
	\$2,252.00	\$1,561.00	\$189.00	\$170.00	\$179.00	\$153.00

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

Overhead Concealed Closers Center Hung Architectural Grade

Options, see page 111

Center Hung Double Acting

Model	Complete Closer Specify Model Size and Degree	LAP Specify Model Size and Degree	Mounting Bracket/ Channel/ Plate	Top Arm Package	Bottom Pivot Package	Cover Plate Package
	806 807 808	806 LAP 807 LAP 808 LAP	1639000	8002020	2183020	N/A
(a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	\$1,931.00	\$1,561.00	\$60.00	\$131.00	\$179.00	-
7	M806 M807 M808	806 LAP 807 LAP 808 LAP	1929000	8002020	2183020	8004000*
	\$2,241.00	\$1,561.00	\$189.00	\$131.00	\$179.00	\$181.00
	MW806 MW807 MW808	806 LAP 807 LAP 808 LAP	1929000	8002021	2183020	8004000*
	\$2,280.00	\$1,561.00	\$189.00	\$170.00	\$179.00	\$181.00
\$	W806 W807 W808	806 LAP 807 LAP 808 LAP	1989000	8002021	2183020	8004000*
	\$2,280.00	\$1,561.00	\$189.00	\$170.00	\$179.00	\$181.00

*Finish required, see page 111 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	\$378.00
199	Decorative end caps for center hung wood doors (608, 700 & 800 models only)	\$92.00
SPLO	Special templating and products	Excluded from buying programs - contact factory for pricing

How To Order

	Architectural Grade Closer Models 700 & 800						
Model (sp	M706 ecify spring size 6, 7, or 8)	90A Degree			Ext Spdl Iffix	x RH Hand	x 626 Finish
700 M700 MW700 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 105A 90N 105N	Hold Open Hold Open Non-Hold Open Non-Hold Open	1/2"Exten Spind SPLO		Blank Dbl Acting RH Right Hand LH Left Hand	605 Bright Brass 606 Satin Brass 611 Bright Bronze 612 Satin Bronze 613 Dark Bronze 613E Dark Oxidized Satin Bronze - Equivalent 618 Bright Nickel 619 Satin Nickel 622 Flat Black 625 Bright Chrome 626 Satin Chrome ALL ARMS 689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 696 Sprayed Brass BSP Black Suede WSP White Suede

	Architectural Grade Closer Model 91						
W91 (Model)	N (Function)	x 1/2" Extended Spdl (Suffix)	x RH Hand	x 626 Finish			
91 - 3-6 Spring PH - 1-3 Spring W - Wood Frame	N - Non-Hold Open H - Hold Open	1/2"Extended Spindle	RH Right Hand 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 612 Satin Bronze 613 Dark Bronze 613 Dark Bronze 614 Dark Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede			

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Pivots and Pivot Sets Offset Hung Pivot Sets

Options on page 121

Offset Hung Pivot Sets -----

Mode		Description	Painted	Plated
	117-1/4	3/4 Offset (includes 180 top pivot)	N/A	\$486.00
	117	3/4 Offset (includes 180 top pivot)	N/A	\$486.00
	117 x 1-1/20S	1-1/2 Offset (includes 180 x 1-1/2OS top pivot)	N/A	\$811.00
~ ~	F117	Fire rated 3/4 Offset (includes F180 top pivot)	\$508.00	\$854.00
	F117 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 top pivot)	\$785.00	\$1,274.00
	117-20	3/4 Offset x 20 min (includes 180 - 20 top pivot)	N/A	\$505.00
	173	3/4 Offset (includes 180 top pivot)	N/A	\$326.00
	147	3/4 Offset (includes 180 top pivot)	N/A	\$685.00
	147 x 1-1/20S	1-1/2 Offset (includes 180 x 1-1/2OS top pivot)	N/A	\$944.00
92	F147	Fire rated 3/4 Offset (includes F180 top pivot)	\$724.00	\$1,036.00
	F147 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)	\$967.00	\$1,380.00
	147-20	3/4 Offset x 20 min (includes 180-20 top pivot)	N/A	\$701.00
	147-20 x 1-1/2OS	1-1/2 Offset (includes 180-20 top pivot)	N/A	\$952.00
CO CO	L147	3/4 Offset x1-3/4 door (includes L180 top pivot)	N/A	\$961.00
	L147	3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)	N/A	\$1,386.00
	FL147	Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)	\$994.00	\$1,371.00
	L147-20	3/4 Offset x 1-3/4 door (includes L180-20 top pivot)	N/A	\$971.00

^{*}Finish required, see page 121

door opening solutions

The global leader in

Offset Hung Pivot Sets -

Mode		Description	Painted	Plated
	547	3/4 Offset (includes 2 each M190 intermediate pivots)	N/A	\$768.00
	F547	Fire rated 3/4 Offset (includes 2 each FM190 intermediate pivots)	\$768.00	\$1,084.00
	165	3/4 Offset (includes 180 top pivot and 2 each M190 intermediate pivots)	N/A	\$1,035.00
	195	3/4 Offset (includes 180 top pivot)	N/A	\$670.00
	F195	Fire rated ¾ Offset (includes F180 top Pivot)	N/A	\$1,021.00
	117-1/2	3/4 Offset (includes 180 top pivot)	N/A	\$1,023.00
1900	117-1/2 x 1-1/2OS	1-1/2 Offset (includes 180 x 1-1/2OS top pivot)	N/A	\$1,265.00
	117-1/2-20	3/4 Offset 20 min (includes 180-20 top pivot)	N/A	\$1,043.00
	F117-1/2	Fire rated 3/4 Offset (includes F180 top pivot)	\$1,039.00	\$1,274.00
-	F117-1/2 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)	\$1,296.00	\$1,723.00
TO STATE OF THE PARTY OF THE PA	L117	3/4 Offset x 1-3/4 door (includes L180 top pivot)	N/A	\$1,394.00
	L117	3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)	N/A	\$1,819.00
	FL117	Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)	\$1,432.00	\$1,817.00
	L117-20	3/4 Offset x 20 min x 1-3/4 door (includes L180-20 top pivot)	N/A	\$1,414.00

^{*}Finish required, see page 121

Pivots and Pivot Sets Offset Hung Top Pivots

Options on page 121

Offcet Hung Top Divot

Mod	del	Description	Painted	Plated
	180	3/4 Offset	N/A	\$228.00
	180 x 1-1/2OS	1-1/2 Offset	N/A	\$411.00
	H180	3/4 Offset	N/A	\$302.00
6	H180 x 1-1/2OS	1-1/2 Offset	N/A	\$478.00
	F180	Fire rated 3/4 Offset	\$251.00	\$534.00
69	F180 x 1-1/2OS	Fire rated 1-1/2 Offset	\$422.00	\$862.00
	FH180	Fire rated 3/4 Offset	\$327.00	\$643.00
	180-20	3/4 Offset x 20 min	N/A	\$240.00
	180-20 x 1-1/2OS	1-1/2 Offset x 20 min	N/A	\$414.00
	H180-20	3/4 Offset x 20 min	N/A	\$319.00
-00	L180	3/4 Offset x 1-3/4 door	N/A	\$370.00
	L180	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$558.00
	L180-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$383.00
	FL180	Fire rated 3/4 Offset x 1-3/4 door only	\$385.00	\$782.00
	FA180	3/4 Offset	\$293.00	\$587.00
109	180 x 102	3/4 Offset	N/A	\$363.00
	180 x 102 x 1-1/2OS	1-1/2 Offset	N/A	\$546.00
	280	3/4 Offset	N/A	\$317.00
	F280	Fire rated 3/4 Offset	\$356.00	\$714.00
	280-20	3/4 Offset x 20 min	N/A	\$331.00
_69	380	3/4 Offset	N/A	\$317.00
600	F380	Fire rated 3/4 Offset	\$356.00	\$701.00
	380-20	3/4 Offset x 20 min	N/A	\$331.00
^	L380	3/4 Offset x 1-3/4 door only	N/A	\$532.00
	L380	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$736.00
	FL380	Fire rated 3/4 Offset x 1-3/4 door only	\$566.00	\$934.00
	L380-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$547.00
9 0	480	3/4 Offset	N/A	\$388.00
	F480	Fire rated 3/4 Offset	\$431.00	\$799.00
	480-20	3/4 Offset x 20 min	N/A	\$414.00
	680	3/4 Offset	N/A	\$426.00

*Finish required, see page 121

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Pivots and Pivot Sets Intermediate Pivots

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

Intermediate Pivots -----

Mod	el	Description	Painted	Plated
	M19	3/4 Offset	N/A	\$327.00
	M19 x 1-1/20S	1-1/2 Offset	N/A	\$498.00
	FM19	Fire rated 3/4 Offset	\$360.00	\$695.00
	FM19 x 1-1/2OS	Fire rated 1-1/2 Offset	\$538.00	\$1,044.00
	M190	3/4 Offset	N/A	\$409.00
	M190 x 1-1/2OS	1-1/2 Offset	N/A	\$569.00
	FM190	Fire rated 3/4 Offset	\$449.00	\$856.00
	FM190 x 1-1/2OS	Fire rated 1-1/2 Offset	\$620.00	\$1,039.00
	M19-20	3/4 Offset x 20 min	N/A	\$334.00
	M19-20 x 1-1/2OS	1-1/2 Offset x 20 min	N/A	\$523.00
	M190-20	3/4 Offset x 20 min	N/A	\$416.00
	ML19	3/4 Offset x 1-3/4 door only	N/A	\$480.00
	ML19	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$682.00
	FML19	Fire rated 3/4 Offset x 1-3/4 door only	\$521.00	\$1,006.00
	ML19-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$504.00
	FA19	3/4 Offset	\$409.00	\$775.00
	FA190	3/4 Offset	\$511.00	\$775.00
	119	3/4 Offset	N/A	\$246.00
	219	3/4 Offset	N/A	\$381.00
	219-20	3/4 Offset x 20 min	N/A	\$391.00
	319	3/4 Offset	N/A	\$373.00
	319-20	3/4 Offset x 20 min	N/A	\$416.00
	L319	3/4 Offset x 1-3/4 door only	N/A	\$616.00
0	L319-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$639.00
	419	3/4 Offset	N/A	\$443.00
	419-20	3/4 Offset x 20 min	N/A	\$463.00

*Finish required, see page 121

Pivots and Pivot Sets Electrified Intermediate Pivots & Pocket Pivots

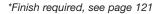
Pocket Pivot ----

Model Number		Description	Painted	Plated
	F519	Pocket Pivot	\$504.00	\$615.00
	EF519	Electrified Power Transfer Pivot Available in 4 wires only	NA	\$1,140.00

Electrified Intermediate Pivots

Model N	umber	Description	Price
	EFM19	Fire Rated 3/4" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$1,263.00
	EM19 x 1-1/2OS	1-1/2" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$844.00
	EFML19	Fire rated 3/4" Offset Power Transfer Pivot Heavy Weight/High Traffic 1-3/4" Dr. Specify number of wires (4, 6, 8, 12)	\$1,909.00
	EML19	3/4" Offset Power Transfer Pivot Heavy Duty/Weight/High Traffic 1-3/4 Dr Specify number of wires (4, 6, 8, 12)	\$1,350.00
	EML19-20	3/4" Offset Power Transfer Pivot, Heavy Duty/Weight/High Traffic, 1-3/4" Door, 20 Minute Specify number of wires (4, 6, 8,12)	\$1,375.00
6 9	EM19	3/4" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$595.00
	EM19U	3/4" Offset Power Transfer High Inrush Pivot (2 wires only) Electolynx not available	\$1,148.00
	EFM19 x 1-1/2	Fire Rated 1-1/2" Offset Power Transfer Pivot	\$1,919.00

ElectroLynx add \$34.00. 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.

Pivots and Pivot Sets Center Hung Pivot Sets

Options on page 121

Center Hung Pivot Sets ----

Model		Description	Price
	127-3/4	Center Hung side jamb attached (includes 320 top pivot)	\$317.00
<u> </u>	128-3/4	Center Hung (includes 320 top pivot)	\$317.00
	370	Center Hung (includes 340 top pivot)	\$469.00
	375	Center Hung (includes 345 top pivot)	\$807.00
	117-3/4	Center Hung (includes 340 top pivot)	\$964.00
	H117-3/4	Center Hung for doors 2" or greater (includes H340 top pivot)	\$2,352.00
	H117-3/4 587	Center Hung for doors 1-3/4 (includes H340 top pivot)	\$2,352.00
	178	Patch fitting pivot (includes 7494 top pivot)	\$687.00
	176	Center Hung Light Duty Pivot	\$326.00

*Finish required, see page 121

Pivots and Pivot Sets Center Hung Top Pivots

Options on page 121

Center Hung Top Pivots

Model	PIVOLS	Description	Price
Model	320	Center Hung	\$158.00
	340	Center Hung	\$148.00
	H340	Center Hung	\$486.00
	345	Center Hung long throw pivot pin	\$486.00
	H345	Center Hung long throw pivot pin	\$813.00
	340 x AP3	Center Hung gate pivot	\$458.00
	320 x 102	Center Hung for deep reveal (No finish plate included)	\$293.00
	340 x 102	Center Hung for deep reveal (No finish plate included)	\$283.00

^{*}Finish required, see page 121

Pivots and Pivot Sets Electrified Center Hung Top Pivots

Electrified Center Hung Top Pivots

Model		Description	Price
	EH340	Center Hung Heavy Duty for Power Transfer Top Pivot	\$652.00
	EH345	Center Hung Longer Throw Pin Heavy Duty for Taller Doors for Power Transfer	\$1,112.00

^{*}Finish required, see page 121

Specify # of wires (4,6,8,12) ElectroLynx add \$34.00.



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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. Extended spindles for 117-1/4, 117, 147, 547,195, 127-3/4, 128-3/4, 370	\$59.00
	Extended spindles for 117-1/2, L117, 117-3/4, H117-3/4 and H117-3/4 x 587	\$109.00
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 \$44.00
Torx	Security Screws Not available for center hung models	Pivot Set Add \$214.00 Intermediate Pivots Add \$140.00
SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

Accessories •

M	lodel	Description	Price
A RO	10600	Single Roller Caster	\$740.00
	10602	Double Roller Caster	\$1,112.00
	10600-025 for 10600 10600-028 for 10602	Hollow Metal Reinforced Plate	\$225.00
	10600-019	End Cap	\$29.00
	2604 2608 for 180, H340 and H345	Pivot Alignment Tool	\$109.00

How To Order -

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

ASSA ABLOY

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Checkmate® Stops and Holders Concealed Stops and Holders

Options, see page 127

#1 Series Concealed Heavy Duty (1)

	Mode	ı		Door Opening (inches)		Finishes		
	Friction	Hold Open	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, 652, BSP, WSP	606, 612, 613, 630	605, 611, 618, 619, 622, 629
	1-116	1-126	1-136	*24-28	NA		\$366.00 \$549.00	
	1-216	1-226	1-236	28 1/16-33	30-36			\$549.00
"	1-316	1-326	1-336	33 1/16-38	36 1/16-41	\$333.00		
	1-416	1-426	1-436	38 1/16-43	41 1/16-46]		
	1-516	1-526	1-536	43 1/16-48	46 1/16-50			

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

Model			Door Open	ing (inches)	Finishes		
	Hold Open	Stop	**Butts Offset Pivots	I I I I I I I I I I I I I I I I I I I		606, 612, 613, 630	605, 611, 618, 619, 622, 629
	1ADJ-126	1ADJ-136	*24-28	NA		\$383.00 \$577.00	
	1ADJ-226	1ADJ-236	28 1/16-33	30-36	\$350.00		\$577.00
	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 (9)

	Model					ing (inches)	Finishes		
	Friction	Hold Open	Stop	Multi- Function	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, 652**, BSP, WSP	606, 612, 613, 630	605, 611, 618, 619, 622, 629
1	2-116	2-126	2-136	2-146	*18-24	NA		.00 \$178.00 \$	\$230.00
	2-216	2-226	2-236	2-246	24 1/16-30	27-32			
	2-316	2-326	2-336	2-346	30 1/16-36	32 1/16-38-1/2	\$150.00		
	2-416	2-426	2-436	2-446	36 1/16-42	38 9/16-45			
	2-516	2-526	2-536	2-546	42 1/16-48	45 1/16-48			

#5 Series Concealed Standard Duty

	Model		Door Open	ing (inches)	Finishes
	Hold Open	Stop	**Butts Offset Pivots	Center Hung	613E, 689, 690, 691, 696, 652, BSP, WSP
	5-126	5-136	*18-24	NA	
1	5-226 5-236	5-236	24 1/16-30	27-32	
	5-326	5-336	30 1/16-36	32 1/16-38 1/2	\$139.00
	5-426	5-436	36 1/16-42	38 9/16-45	
	5-526	5-536	42 1/16-48	45 1/16-48	

^{*} Butt hung only

ASSA ABLOY

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^{** 652} Not available in multi-function models

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

Checkmate® Stops and Holders Concealed Stops and Holders

Options, see page 127

#6 Series Concealed Low Profile

Mode	el	Door Openi	ing (inches)	Finishes				
	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, BSP, WSP	606, 612, 613, 630	605, 611, 618, 619, 622, 629		
	6-136	*24-28	NA					
	6-236	28 1/16-33	30-36		\$492.00	\$570.00		
"	6-336	33 1/16-38	36 1/16-41	\$456.00				
	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 Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, BSP, WSP	606, 612, 613, 630	605, 611, 619, 622, 629	
A		6ADJ-136	*24-28	NA				
	٦	6ADJ-236	28 1/16-33	30-36		\$513.00	\$596.00	
	יו	6ADJ-336	33 1/16-38	36 1/16-41	\$479.00			
			38 1/16-43	41 1/16-46]			
		6ADJ-536	43 1/16-48	46 1/16-50				

^{*} Butt hung only

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

Checkmate® Stops and Holders Surface Stops and Holders

Options, see page 127

#7 Series Surface Heavy Duty -

	Door Opening (inches)	Finishes			
	Friction	Hold Open	Stop	**Butts or Offset Pivots	613E, 689, 690, 691, 696, BSP, WSP
	NA	7-126	NA	24-30	
1	NA	7-226	NA	30 1/16-34	фоо т оо
	NA	7-326	NA	34 1/16-39	\$337.00
	NA	7-426	NA	39 1/16-48	

#8 HD Series Surface Extra Heavy Duty (1)

Model		Door Open	ing (inches)		Finishes	
	Hold Open	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, BSP, WSP	606, 612, 613, 630	605, 622, 629
	8-226	27 1/16- 32 1/2	29 9/16-35			
	8-326	33 9/16- 38 3/4	35-1/16- 41-1/2	\$464.00	\$501.00	\$584.00
	8-426	38 13/16- 42 1/2	41 9/16-45			
	8-526	42 9/16-48	45 1/16-48			
III [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	\$415.00	\$441.00	\$522.00
	8-436	38 13/16- 42 1/2	41 9/16-45	, , ,	,	
	8-536	42 9/16-48	45 1/16-48			

^{**}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.

The global leader in

Checkmate® Stops and Holders Surface Stops and Holders

Options, see page 127

#9 Series Surface Heavy Duty

е	Н	ea	avy	Du	ty	(Ņ
	M -	-1 -				

Mode	l			Door Opening (inches)		Finishes		
	Friction	Hold Open	Stop	**Butts Offset Pivots		89, 690, 691, 696, 613E, 652, BSP, WSP		605, 611, 618, 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	\$441.00	\$475.00	\$553.00
	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 (9)

Model			Door Oper	ning (inches)	Finishes		
	Hold Open	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 613E, 652, BSP, WSP	606, 612, 613, 630	605, 611, 618, 619, 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	\$461.00	\$495.00	\$582.00
4	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 (9)

Model					Door Opening (inches)		Finishes			
		Friction	Hold Open	Stop	Multi- Function	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652^, 613E, BSP, WSP	606, 612, 613, 630	605, 611, 618, 619, 622, 629
		10-116	10-126	10-136	10-146	*18-24	21-26 1/2	\$178.00	\$225.00 \$273.00	
111		10-216	10-226	10-236	10-246	24 1/16-30	26 9/16-32			\$273.00
		10-316	10-326	10-336	10-346	30 1/16-36	32 1/16-38 1/2			
	10-416	10-426	10-436	10-446	36 1/16-42	38 9/16-45	^652 Not available on			
'	1	10-516	10-526	10-536	10-546	42 1/16-48	45 1/16-48	multi-function holders		

#55 Series Surface Standard Duty •

Model		Door Openin	g (inches)	Finishes	
	Hold Open	Stop	**Butts Offset Pivots	Center Hung	613E, 689, 690, 691, 696, 652, BSP, WSP
	55-126	55-136	*18-24	NA	
	55-226	55-236	24 1/16-30	27-32	
	55-326	55-336	30 1/16-36	32 1/16-38 1/2	\$139.00
	55-426	55-436	36 1/16-42	38 9/16-45	
·	55-526	55-536	42 1/16-48	45 1/16-48	

^{*} Butt hung only

ASSA ABLOY

^{**} 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 \$28.00
	TORX	Security Screws. All Models. Only provided for screws visible.	Add \$107.00
000	5458*	LH Flush Mounting Brackets Models 8 & 9	\$69.00
© 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5459*	RH Flush Mounting Brackets Models 8 & 9	\$69.00
<u></u>	5258*	Flush Mounting Brackets Models 10 & 55	\$69.00
	SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

^{*}Specify finish when ordering.

How To Order ---

1 Series	3 Door Size Symbol	2 Function	6 Filler		x LS Options		x 630 Finish
#1 Hvy Dty Concealed #1ADJ Hvy Dty Concealed Ad #2 Std Dty Concealed Ad #5 Std Dty Concealed #6 Low Profile Concealed Adjustable #7 Surf Cantilever Holder #8HD Extra Hvy Dty Dbl Leve #9 Hvy Dty Surface #9ADJ Hvy Dty Surface Adj #10 Std Dty Surface #55 Std Dty Surface	3 4 5 See	1 Friction 2 Holder 3 Stop 4 Multi function		LS Torx ARM SPLO#	Less Spring Security Screws Arm Only \$ Special Layout	605 606 611 612 613 613E 618 619 622 625 626 629 630 652 689 690 691 696 BSP 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 Bright Stainless Satin Stainless Satin Chrome on Steel Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede White Suede



Note that threshold prices include preparations for Rixson floor closers and pivots.

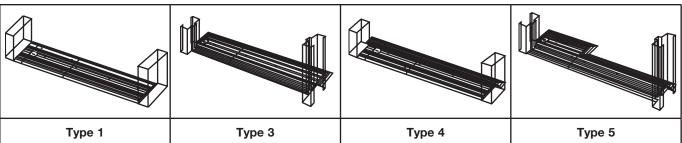
Add \$100 to threshold prepped for any other manufacturers product

Sizes =

Materials	Sizes Available	Single Doors to 36"	Pair of Doors to 72"	Add Per Inch
Mill Aluminum	400, 500, 600, 700, 800	\$702.00	\$1,404.00	\$19.80
Polished Aluminum	400, 500, 600, 700, 800	\$883.00	\$1,766.00	\$25.10
Mill Bronze	400, 500, 600, 700, 800	\$1,923.00	\$3,846.00	\$55.00
605, 606, 613 on Bronze	400, 500, 600, 700, 800	\$2,643.00	\$5,286.00	\$70.00

6" Type 1, 4, or 3	5" 7" Type 1, 4, or 3	4" 4" 6" Type 1	3"
800 Profile	700 Profile	600 Profile	500 Profile
2" 4" Type 5			
400 Profile			

Types •

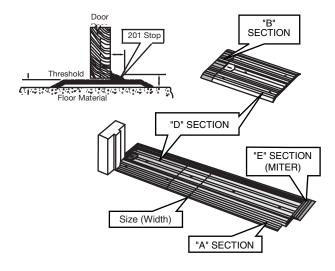


Thresholds Component

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	\$19.80 per inch
A Section Polished Aluminum	400, 500, 600, 700, 800	\$25.10 per inch
A Section Mill Bronze	400, 500, 600, 700, 800	\$55.20 per inch
B Section Mill Aluminum	600, 700, 800	\$73.00
B Section Polished Aluminum	600, 700, 800	\$90.00
B Section Mill Bronze	400, 500, 600, 700, 800	\$198.00
B Section 605, 606, 613 on Bronze	700, 800	\$182.00
D Section Mill Aluminum	700, 800	\$270.00
D Section Polished Aluminum	700, 800	\$358.00
D Section Mill Bronze	700, 800	\$628.00
D Section 605, 606, 613 on Bronze	400, 500, 600, 700, 800	\$800.00
E Section Mill Aluminum		\$160.00
E Section Polished Aluminum		\$185.00
E Section Mill Bronze		\$212.00
E Section 605, 606, 613 on Bronze		\$258.00



Thresholds Options How To Order

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

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

Quick	Re	feren	ce (Ontid	ne
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Quion Hererenee	- -		1	
	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 qu	antity and location	Consult Factory
	MSES	Metal Screws and Expansion Shields	Single Opening	\$7.40
	IVISES	ivietal Screws and Expansion Smelds	Double Opening	\$14.80
CHARACTERIAN PRINCIPALITY AND	201	Aluminum . ADD \$3.30 per inch to list of threshold Bronze ADD \$20.02 per inch to list of threshold 605 ADD \$24.09 per inch to list of threshold 613 ADD \$28.05 per inch to list of threshold 606 ADD \$23.10 per inch to list of threshold		
- I recurrence recipion and a second	301	Step Down; not available for type 5		Add \$10.00 to standard door width thresholds \$2.00 per extra inch
Edward Lann.	501	Step Down; not available for type 5		Add \$10.00 to standard door width thresholds \$2.00 per 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	

РН Х	3	X 700 X	201	X 36	X 1-3/4	RH	27N	AL
Prefix	Туре	Size (width)	Options	Opening (Jamb to Jamb)	Door Thickness	Hand	Closer or Pivot Model	Material
Blank 1/2" High PH 1/4" High	1 Center Hung 3 Offset Hung 4 Center Hung 5 Offset 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 800 7-3/4" (cannot be used with Type 5)	Abrasive Coating Extra Miters (specify qty & location) MSES Machine screws and lead shield 201 Applied stop 301 Step Down (specify location) 501 Step Down (specify location) 5traight Ends (specify qty & location)	Canno ordere 5 type	d with	Blank Pair RH Right LH Left		AL Mill Aluminum BZ Mill Bronze 605 Polished Brass 606 Satin Brass 613 Bronze

Options, see page 134

Electromagnet Door Holder/Releases

Model		Description	Price
	980M	Floor Mounted	\$819.00
	981M	Floor Mounted Back to Back Doors	\$1,080.00
6 0	989	Low Projection Wall	\$427.00
6 3	990M	Low Projection Wall	\$462.00
	991M	Hazardous Location Wall	\$780.00
	993M	High Hold Wall (with switch)*	\$898.00
	9930M	High Hold Floor Mounted (with switch)*	\$898.00
[] 1	994M	Wall Mounted Adjustable Armature	\$462.00
	996M	Surface Mounted	\$489.00
	997M	Wall Mounted	\$462.00
	998M	Wall Mounted	\$462.00
	999M	Universal Wall Mounted	\$618.00
	972H	Swinging Door	\$907.00
	972S	Sliding Door	\$907.00
	972U	Overhead Door	\$907.00

^{*} With no switch option, deduct \$59.00

For higher hold magnets specify single voltage Add \$50.00



Options

Model		Description	Price
\$	996XK	1-1/2" Wall Extension/conversion kit	\$113.00
	900	Armature Extension Base 1-1/2"	\$92.00
1/2 (13)	900-50	1/2" Spacer MUST BE USED WITH 900 BASE	\$49.00
(19)	900-75	3/4" Spacer MUST BE USED WITH 900 BASE	\$49.00
(25)	900-100	1" Spacer MUST BE USED WITH 900 BASE	\$49.00
(51)	900-200	2" Spacer MUST BE USED WITH 900 BASE	\$61.00
(76)	900-300	3" Spacer MUST BE USED WITH 900 BASE	\$61.00
4 (102)	900-400	4" Spacer MUST BE USED WITH 900 BASE	\$61.00
(127)	900-500	5" Spacer MUST BE USED WITH 900 BASE	\$61.00
(157)	900-600	6" Spacer MUST BE USED WITH 900 BASE	\$61.00
7 (178)	900-700	7" Spacer MUST BE USED WITH 900 BASE	\$61.00
1-1/2	900-Z	90° Bend Spacer MUST BE USED WITH 900 BASE	\$92.00

	998M Series	Х	x 689 Finish
981M F 989 L 990M L 991M H 993M H 9930M H 994M W 996M S 997M W 997M W 998M W 999M U 972H S 972S S	Floor Mounted Floor Mounted Back to Back Doors Low Projection Wall Mounted Low Projection Wall Mounted Hazardous Location Mounted High Hold Wall Mounted High Hold Floor Mounted Wall Mounted Adjustable Armature Surface Mounted Wall Mounted Wall Mounted Wall Mounted Universal Wall Mounted Swinging Door Overhead/Rolling Door	Blank Tri-volt For single voltage higher holding force products specify: 24VAC 24V/DC 12VDC 12VAC 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	\$995.00
	0601	Non-Detectored Push Side Mounting	\$995.00
	0602	Non-Detectored Holder on Pull Side Closer on Push Side	\$995.00
	0100	Non-Detectored Pull Side Mounting Holder Only	\$893.00
	0101	Non-Detectored Push Side Mounting Holder Only	\$893.00

Quick Reference Options -

Suffix	Description	Price
LC	Less Closer	Deduct \$306.00
TORX	Torx Screws	Add \$102.00
550789	550789 Deep Reveal/180° Swing Arm	\$335.00

Mounting 0601 Non-Detectored Push Side Mounting 0602 Non-Detectored Holder on Pull Side/ Closer on Push Side 0100 Non-Detectored Pull Side Mounting 0802 Non-Detectored Pull Side Mounting 0803 Sprayed Dark Brond 0804 Sprayed Light Brond 0805 Sprayed Black 0806 Sprayed Brass 0806 Sprayed Brass 0807 Black Suede 0808 Sprayed Brass 0809 Sprayed Dark Brond 0801 Sprayed Light Brond 0803 Sprayed Black 0806 Sprayed Brass 0809 Sprayed Dark Brond 0801 Sprayed Light Brond 0803 Sprayed Black 0806 Sprayed Brass 0809 Sprayed Dark Brond 0801 Sprayed Light Brond 0803 Sprayed Black 0806 Sprayed Brass 0809 Sprayed Dark Brond 0801 Sprayed Light Brond 0803 Sprayed Black 0806 Sprayed Brass 0809 Sprayed Black 0806 Sprayed Brass 0809 Sprayed Black 0	0601	x 120VAC	x 550789	x 689
	Series	Voltage	Options	Finish
0101 Non-Detectored Push Side Mounting Holder Only	Mounting 0601 Non-Detectored Push Side Mounting 0602 Non-Detectored Holder on Pull Side/ Closer on Push Side 0100 Non-Detectored Pull Side Mounting Holder Only 0101 Non-Detectored Push Side Mounting		Torx Security Screw	690 Sprayed Dark Bronze 691 Sprayed Light Bronze 693 Sprayed Black 696 Sprayed Brass BSP Black Suede

Electrified Closer/Holders Options How to Order

Smok Chek® VI

Model		Description	Price
	4 PULL	Non-Detectored Pull Side Mounting	\$1,520.00
	6 PULL Detectored Pull Side Mounting		\$3,020.00
	4 PUSH	Non-Detectored Push Side Mounting	\$1,520.00
	6 PUSH	Detectored Push Side Mounting	\$3,020.00

Quick Reference Options -

Prefix		Price
FS	Free Swing Arm (Pull Side Only)	Add \$49.00
DE	Double Egress Arm (Pull Side Only)	Add \$78.00
Suffix		
Torx	Security Screws	Add \$64.00

FS		4 PULL	x 24VDC	x Torx	x RH	x 689
Prefix		Series	Voltage	Options	Hand	Finish
FS Free Swing Arm DE Double Egress Arm	4 PULL 6 PULL 4 PUSH 6 PUSH	Non-Detectored Pull Side Mounting Selective Hold Open Detectored Pull Side Mounting Selective Hold Open Non-Detectored Push Side Mounting Selective Hold Open Detectored Push Side Mounting Selective Hold Open	24VDC 120VAC	Torx	RH Right LH Left	689 Sprayed Aluminum 690 Sprayed Dark Bronze 691 Sprayed Light Bronze 696 Sprayed Brass BSP Black Suede WSP White Suede

CHECKMATE® 99 -----

Model		Description	Price
	99-726	Non-Detectored Push Side Mounting	\$566.00
	99-626	Detectored Push Side Mounting	\$1,488.00
	99-926	Non-Detectored Pull Side Mounting	\$566.00
8	99-826	Detectored Pull Side Mounting	\$1,488.00

	99-726 Series	x 24VDC Voltage		x 689 Finish
99-726	Non-Detectored Push Side Mounting	24VAC/DC	689	Sprayed Aluminum
99-626	Detectored Push Side Mounting	120VAC	690	Sprayed Dark Bronze
99-926	Non-Detectored Pull Side Mounting		691	Sprayed Light Bronze
99-826	Detectored Pull Side Mounting		696	Sprayed Brass
			BSP	Black Suede
			WSF	White Suede



Parts Price List

USA and Canada Prices Effective June 3, 2019

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Finish Symbol Designations -----

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

Blackened or hammered finishes are not available.

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

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

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

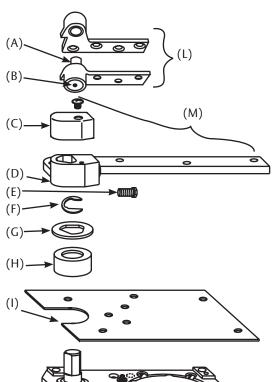
Heavy-Duty Floor Closers Parts Drawings

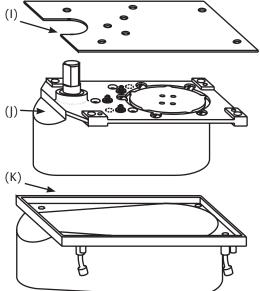
Model 27 ■

Right Hand Shown 3/4" Offset

(A) Pivot Stud 181770-ASY	\$8.00
(B) Hex Cap 181778-*	\$8.40
(C) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80
(D) 3/4" Offset Arm x Locking Screw 275177 (RH) 275176 (LH)	\$97.00
(E) Arm Locking Screw Only 88905-PKG (5)	\$36.60
(F) Arm Shims 275065-PKG (5)	\$36.60
(G) Arm Bearing Washer 275062-PKG (5)	\$19.30
(H) Spindle Shoulder Collar 259000-*	\$32.20

For 27 x 1-1/2" Offset	
1-1/2" Offset Top Pivot 180 x 1-1/2" F180 x 1-1/2" Fire Rated 180 x 20 x 1-1/2 20 Minute	See Page 81
1-1/2" Offset Arm x Locking Screw 275167-*	\$151.00
1-1/2" Bottom Arm Package 252060R* 252060L*	See Page 81



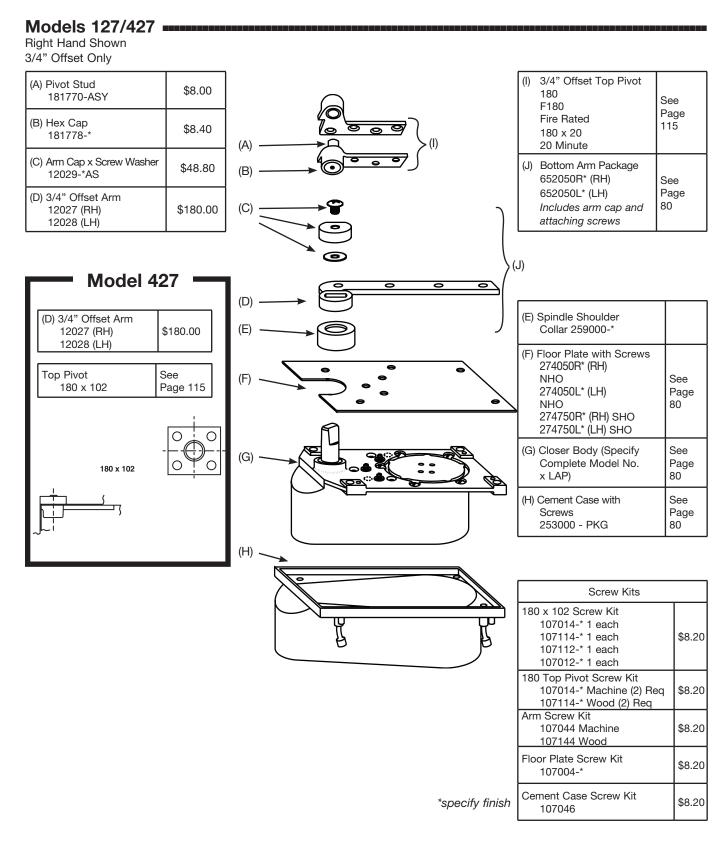


(L) 3/4" Offset Top Pivot Assembly 180 (standard) F180 Fire Rated 180-20 (20 minutes)	See Page 115
(M) Bottom Arm Package 252050R* (RH) 252050L* (LH) Package includes: arm locking screw, arm cap and screw, spindle shoulder collar and attaching screws.	See Page 80
(I) Floor Plate x Screws 274050R* (RH) NHO/AHO 274050L* (LH) NHO/AHO 274750R* (RH) SHO 274750L* (LH) SHO	See Page 80
(J) Closer Body LAP Specify Complete Model	See Page 80
(K) Cement Case x Screws 253000-PKG	See Page 80

Screw Kits	
180 Top Pivot Screw Kit 107014-* Machine (2) Req 107114-* Wood (2) Req	\$8.20
Arm Screw Kit 107044 Machine 107144 Wood	\$8.20
Floor Plate Screw Kit 107004 -*	\$8.20
Cement Case Screw Kit 107046	\$8.20

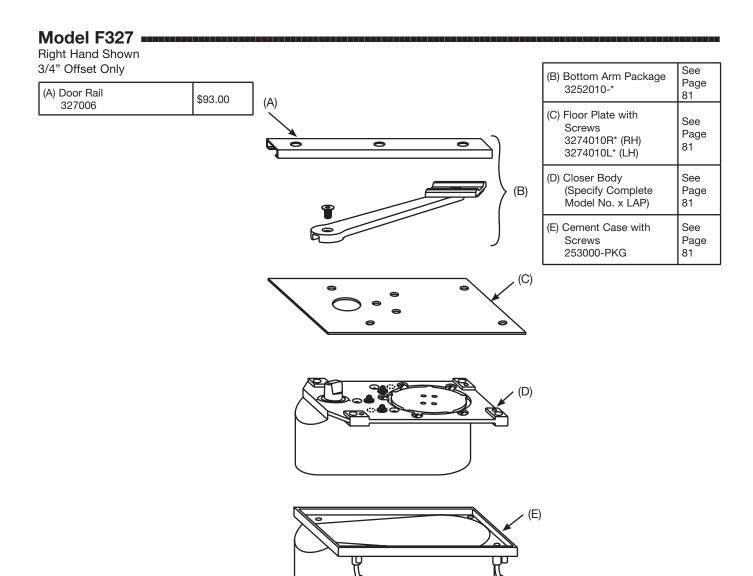
*specify finish

Heavy-Duty Floor Closers Parts Drawings



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

Heavy-Duty Floor Closers Parts Drawings



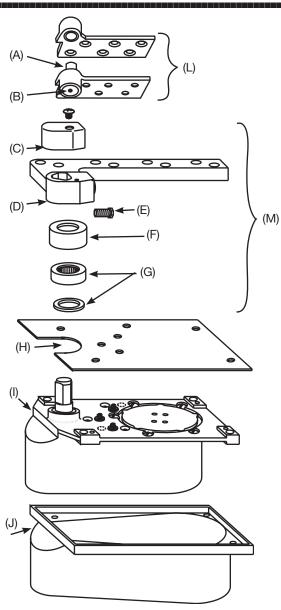
Screw Kits	
Slide Track Screw Kit 107033	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107046	\$8.20

*specify finish

Model L27 •

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$8.00
(B) Hex Cap 181778-*	\$8.40
(C) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80
(D) Arm x Locking Screw 1-3/4" Door 18550-Asy (RH) 18650-Asy (LH)	\$183.10
(D) Arm x Locking Screw 2" Door 18551-Asy (RH) 18651-Asy (LH)	\$404.50
(D) Arm x Locking Screw 2-1/4" Door 18552-Asy (RH) 18652-Asy (LH)	\$404.50
(D) Arm x Locking Screw 2-1/2" Door 18553-Asy (RH) 18653-Asy (LH)	\$404.50
(D) Arm x Locking Screw 3" Door 18554-Asy (RH) 18654-Asy (LH)	\$404.50
(E) Arm Locking Screw Only 88905-PKG (5)	\$36.60
(F) Spindle Shoulder Collar 259500-*	\$93.00
(G) Heavy-Duty Thrust Bearing 41204-PKG (includes 41207N spacer)	\$104.00



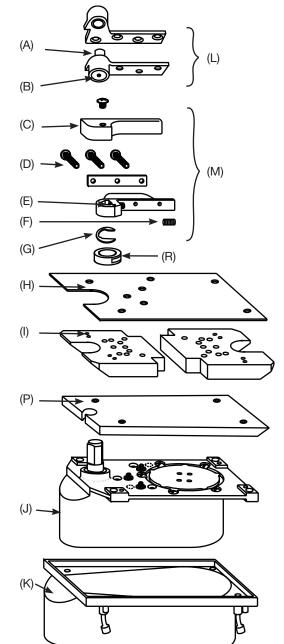
For L27 x 3/4" Offset		
(L) 3/4" Offset Top Pivot F180 FL180 Fire Rated L180 x 20 20 Minute	See Page 115	
(M) Bottom Arm Package 1-3/4" Door 252051R* (RH) 252051L* (LH) 2" Door 252052E* (RH) 252052L* (LH) 2-1/4" Door 252053R* (RH) 252053L* (LH) 2-1/2" Door 252054R* (RH) 252054L* (LH) 2-1/2" Door 252054R* (RH) 252054L* (LH) 3" Door 252055R* (RH) 252055L* (LH) Package includes: arm, arm locking screw, arm cap and screw, shoulder collar and attaching screws.	See Page 82	
(H) Floor Plate with Screws 274050R* (RH) NHO 274050L* (LH) NHO 274750R* (RH) SHO 274750L* (LH) SHO	See Page 82	
(I) Closer Body (Specify Complete Model No. x LAP) includes 41204- PKG	See Page 82	
(J) Cement Case with Screws 253001	See Page 82	

Screw Kits	
L180 Screw Kit 107016-* Machine (2) Req 107116-* Wood (2) Req	\$9.20
Arm Screw Kit 107048 Machine 107144 Wood	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107046	\$8.20

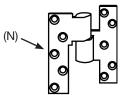
Model Q27/QT27

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$8.00		
(B) Hex Cap 181778-*	\$8.40		
(C) Arm Cap & Screw 73035R*AS (RH) 73035L*AS (LH)	\$48.80		
(D) Arm Mounting Screws and Plate 73014-*	\$8.20		
(E) Removable Arm 73001R-ASY (RH) 73001R-ASY (RH)	\$184.00		
(F) Arm Locking Screw Only - 88905-PKG (5)	\$36.60		
(G) Arm Washer/Shim Package - 275179 Includes 275065 and 275178 Torque Washer	\$37.30		
(I) Q27 Styrofoam Filler 73009	\$39.10		
(P) QT Styrofoam Filler 73017	\$8.20		
(R) Spindle Shoulder Collar 259000-*	\$32.20		



For Q27/QT27 x 3/4" Offset		
(L) 3/4" Offset Top Pivot 180 F180 Fire Rated 180 x 20 20 Minute	See Page 115	
(M) Bottom Arm Package 222050R* (RH) 222050L* (LH) Package includes: arm, arm locking screw, arm cap and screw, arm mounting plate, shoulder collar and attaching screws	See Page 83	
3/4" Offset Intermediate Pivot M19 FM19 M19-20	See Page 116	
(N) M19 Intermediate Pivot Screw Kit 107015-* Machine (2 Req) 107115-* Wood (2 Req)	\$8.20	



Intermediate Pivot

(H)	Q Floor Plate with Screws 294050R* (RH) NHO 294050L* (LH) NHO 294750R* (RH) SHO 294750L* (LH) SHO	See Page 83
(J)	Closer Body (Specify Complete Model No. x LAP)	See Page 83
(K)	Cement Case with Screws 253000-PKG	See Page 83

Screw Kits		
180 Screw Kit 107014-* Machine (2) Req 107114-* Wood (2) Req	\$8.20	
Q Floor Plate Screw Kit 107010-*	\$8.20	
Cement Case Screw Kit 107046	\$8.20	

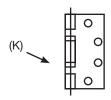
*specify finish

Model HM27

Right Hand Shown 3/4" Offset Only

0/4 Offset Offsy		. 😭 💿
(A) Arm Cap & Screw 73025R*AS (RH) 73025L*AS (LH)	\$48.80	(A)
(B) Arm Mounting Screws and Plate 73014-*	\$8.20	
(C) Arm x Set Screw 73041R*AS (RH) 73041L*AS (LH)	\$243.90	(C) (L)
(D) Arm Locking Screw Only 88905-PKG (5)	\$36.60	$(E) \longrightarrow \mathbb{C}$ $(F) \longrightarrow \mathbb{O}$
(E) Arm Shims (5) 275065-PKG	\$36.60	
(F) Arm Bearing Washer 275062-PKG-5	\$19.30	(H)
(G) Spindle Shoulder Collar 259000-*	\$32.20	
		(1)

Pad arn and pla	Bottom Arm Package 222050R*HM (RH) 222050L*HM (LH) ckage includes: arm, n locking screw, arm cap d screw, arm mounting te, shoulder collar and aching screws	See Page 83
(H)	Floor Plate with Screws 274050R* (RH NHO 274050L* (LH) NHO 274750R* (RH) SHO 274750L* (LH) SHO	See Page 83
(I)	Closer Body (Specify Complete Model No. x LAP)	See Page 83
(J)	Cement Case with Screws 253000 - PKG	See Page 83
(K)	Special Offset Hinges (3) 254545*PK	See Page 83



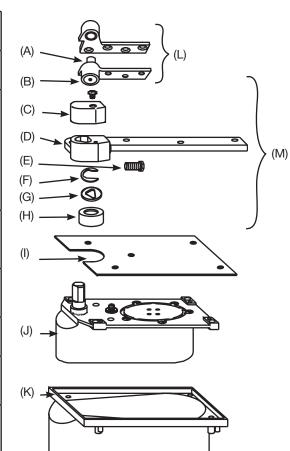
Screw Kits	
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107046	\$8.20
Hinge screw kit 107519-*	\$8.20

Medium-Weight Floor Closers Parts Drawings

Model 20 ■

Right Hand Shown 3/4" Offset Only

(A)	Pivot Stud 181770-ASY	\$8.00
(B)	Hex Cap 181778-*	\$8.40
(C)	Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80
(D)	3/4" Offset Arm x Locking Screw 275177 (RH) 275176 (LH)	\$97.00
(E)	Arm Locking Screw Only 88905-PKG (5)	\$36.60
(F)	Arm Shims 275065-PKG (5)	\$36.60
(G)	Arm Bearing Washer 275062-PKG (5)	\$19.30
(H)	Spindle Shoulder Collar 259000-*	\$32.20



(L)	3/4" Offset Top Pivot 180 FL180 Fire Rated 180 - 20 20 Minute	See Page 115
Pad loca	Bottom Arm Package 252050R* (RH) 252050L* (LH) ckage includes: arm, arm king screw,arm cap and ew, shoulder collar and aching screws.	
(l)	Floor Plate with Screws 204050-*	See Page 84
(J)	Closer Body (Specify Complete Model No. x LAP)	See Page 84
(K)	Cement Case with Screws 203000	See Page 84

Screw Kits	
180 Screw Kit 107014-* Machine (2) Req 107114-* Wood (2) Req	\$8.20
Arm Screw Kit 107044-* Machine (2) Req 107144-* Wood (2) Req	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107046	\$8.20

Heavy-Duty Floor Closers Parts Drawings

Model 28 -

(A) Jamb Portion 3065	\$120.00	(A)		340 Top Pivot	See Page 119	
(B) Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$48.80	(B) (C) (C)				
(C) Door Portion 30243	\$120.00	(D) -	<u>8</u> -	40	(D) W28 Wood Door Pla & Shim Pkg (include 46145 & 46445)	
(E) Arm Plate Shims (.062) 46045-PKG (5) Arm Plate Shims (.187) 46145-PKG (5)	\$27.70				107066 Wood Door Arm Package	10
(F) Arm Plate & Stud Assy 46445	\$27.70	(E) (F)	<u> </u>		(D, E, F, J) 282126	\$160.70
G) Arm Spindle Screw 01244010-PKG (5)	\$13.70	(G) (H)			(P) Bottom arm package	
H) Arm Spindle Washer 01030-PKG (5)	\$23.50			(P)	282026-* includes E-L and attaching	See Page 85
) Arm Set Screw Only 26087-PKG (5)	\$20.80	(J)	(K) —	→ ⊚	screws	
J) Arm & Arm Set Screw 282026	\$74.00	(L)	•	•		
K) Arm Alignment Screw & Washer (2) of each 107032-*	\$35.40		•			
L) Arm Spindle Collar included in arm package) 259000-*	\$32.20	(N)			554 Conceal	ed Arm
					Package 282554 Inclu	des 107064
						5 6
		0			See Pag	ge 85
Screw Kits		(0)			(M) Floor Plate with Screws	
340 Screw Kit 107329 Machine & Wood	\$8.20	Į Į			284020R* (RH) NHO 284020L* (LH)	See
Arm Screw Kit 107048 Machine 107144 Wood	\$8.20				NHO 284720R* (RH) SHO	Page 85
554 Arm Screw Kit 107064	\$8.20				284720L* (LH) SHO	
Floor Plate Screw Kit 107004-*	\$8.20				(N) Closer Body (Specify Complete	See Page 85
Comont Coop Spraw Kit					Model No. x LAP)	

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Cement Case Screw Kit

107046

\$8.20

See

Page 85

(O) Cement Case

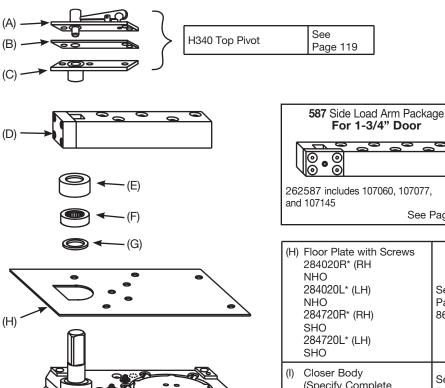
with Screws

253000-PKG

Heavy-Duty Floor Closers Parts Drawings

Model H28

(A)	Jamb Portion 308548	\$417.00
(B)	Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$48.80
(C)	Door Portion 30141	\$417.00
(D)	Standard End Load Arm Package (minimum 2" door thickness) 262022 includes 107060, 107045, and 107145	See Page 86
(E)	Arm Spindle Collar 259500-*	\$93.00
(F)	Heavy-Duty Thrust Bearing 41204-PKG	\$104.00
(G)	Arm Shim Kit 107060	\$11.20



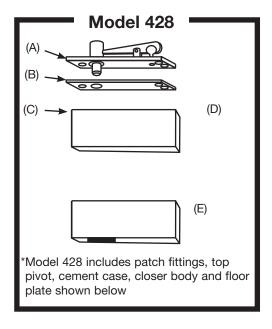
(H)	Floor Plate with Screws 284020R* (RH NHO 284020L* (LH) NHO 284720R* (RH) SHO 284720L* (LH) SHO	See Page 86
(I)	Closer Body (Specify Complete Model No. x LAP) includes 41204- PKG	See Page 86
(J)	Cement Case with Screws 253001 - PKG	See Page 86

See Page 86

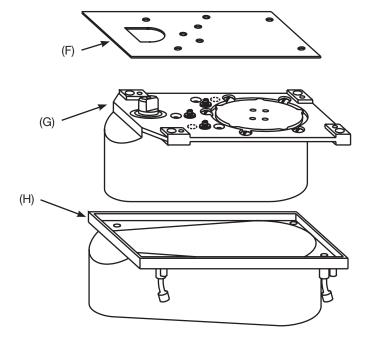
Screw Kits	
H340 Screw Kit 107329 Machine & Wood	\$8.20
587 Arm Screw Kit 107077 Machine 107145-* Wood	\$13.30 \$8.20
Arm Screw Kit 107045 Machine 107145 Wood	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107046	\$8.20

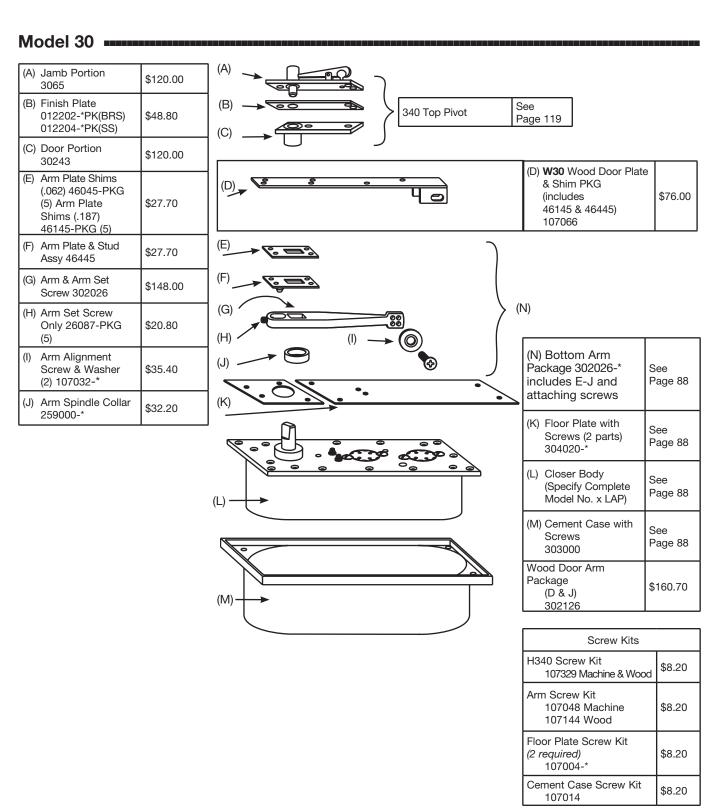
Model 328/428

(A) Jamb Portion 42801	\$120.00
(B) Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$48.80
(C) Door Portion 7495 - *	\$170.00
Bottom Insert Pivot 74101	\$45.90
Top Pivot Insert 74102	\$45.90



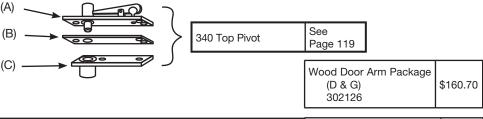
(D) Top Patch 74 PK (includes i C & K)	1.566
(E) Bottom Patch 7495-* PK (inditems C & J)	1 800
(F) Floor Plate wi Screws NHO - 284020R* (RH 284020L* (LH SHO- 284720R* (RH 284720L* (LH	See Page 87
(G) Closer Body (Specify Com Model No. x l	' Page 87
(H) 253000-PKG Cement Case Screws	with See Page 87



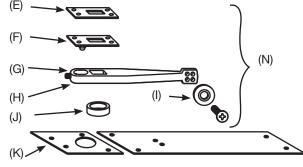


Model 40

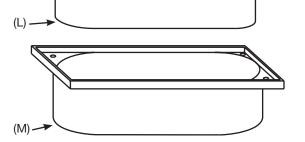
(A)	Jamb Portion 3065	\$120.00
(B)	Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$48.80
(C)	Door Portion 30243	\$120.00
(E)	Arm Plate Shims (.062) 46045-PKG (5)	\$27.70
(E)	Arm Plate Shims (.187) 46145-PKG (5)	\$27.70
(F)	Arm Plate & Stud Assy 46445	\$27.70
(G)	Arm & Arm Set Screw 302026	\$148.00
(H)	Arm Set Screw Only 26087-PKG (5)	\$20.80
(I)	Arm Alignment Screw & Washer (2)107032-*	\$35.40
(J)	Arm Spindle Collar 259000	\$32.20







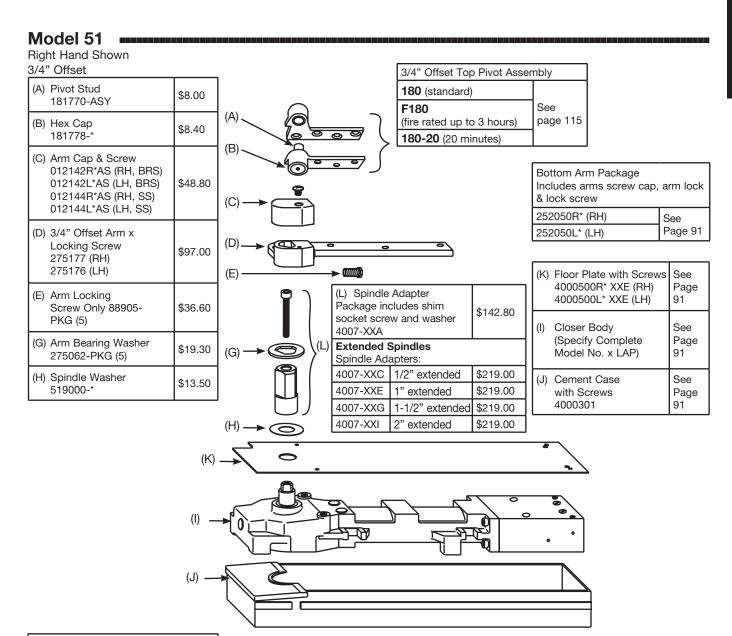
	Pa *in	Bottom Arm ckage 302026- cludes E-J and aching screws	See Page 88
	(K)	Floor Plate with Screws (2 parts) 404020-*	See Page 88
•	(L)	Closer Body (Specify Complete Model No. x LAP)	See Page 88
	(M)	Cement Case with Screws 403000	See Page 88



Screw Kits	
340 Screw Kit 107329 Machine & Wood	\$8.20
Arm Screw Kit 107048 Machine 107144 Wood	\$8.20
Floor Plate Screw Kit (2 required) 107004-*	\$8.20
Cement Case Screw Kit 107014	\$8.20

Heavy-Duty Floor Closers Parts Drawings

Model H40 • (A) Jamb Portion \$417.00 308548 (B) Finish Plate H340 Top Pivot Page 119 012202-*PK (BRS) \$48.80 012204-*PK (SS) For 1-3/4" Door (C) Door Portion \$417.00 30141 0 (D) Standard End Load Arm Package See (minimum 2" door Page 587 Side Load thickness) 88 Arm Package 262022 262587 See includes (E) Arm Spindle Page 88 107060. \$93.00 Collar 107077, 259500-* 107145 (F) Heavy-Duty Thrust Bearing \$104.00 41204-PKG (G) Arm Shim Kit \$11.20 107060 (H) Floor Plate with Screws See 1 Large 1 Small Page 404020 -* 88 Closer Body See (Specify Complete Page Model No. x LAP) 88 includes 41204- PKG Cement Case See with Screws Page 403000 88 Screw Kits H340 Screw Kit \$8.20 107329 Machine & Wood 587 Arm Screw Kit \$13.30 107077 Machine \$8.20 107145 Wood Arm Screw Kit 107045 Machine \$8.20 107145 Wood Floor Plate Screw Kit (2 required) \$8.20 107004-* Cement Case Screw Kit \$8.20 *specify finish 107014



For 51 x 1-1/2" Offset		
180x1-1/2" (standard) F180x1-1/2" (fire rated up to 3 hours) 180-20x1-1/2" (20 minutes)	See Page 115	
1-1/2" Offset Arm x Locking Screw 275167-*	\$151.00	
1-1/2" Offset Bottom Arm pkg 252060-*	See Page 92	

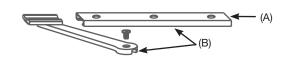
Screw Kits	
180 Screw Kit 107014 Machine(2) Req 107114 Wood (2) Req	\$8.20
Arm Screw Kit 107044 Machine 107144 Wood	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107075	\$8.20

USA & Canada Prices Effective June 3, 2019

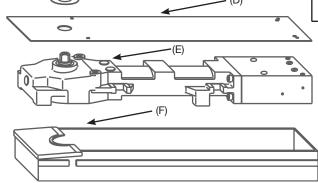
In Canada contact us at: 800-461-3007 or visit www.assaablovdss.ca

Model F5300 & F5310

(A) Door Rail 327006	\$93.00
(C) Spindle Washer 539000-*	\$13.70



(B)	Bottom Arm Package 3252010-*	See Page 92
(D)	Floor Plate with Screws 4000600-*XXA 4000600-*XXE ("BC")	See Page 92
(E)	Closer Body (specify complete model no. x LAP)	See Page 92
(F)	Cement Case with Screws 4000301	See Page 92



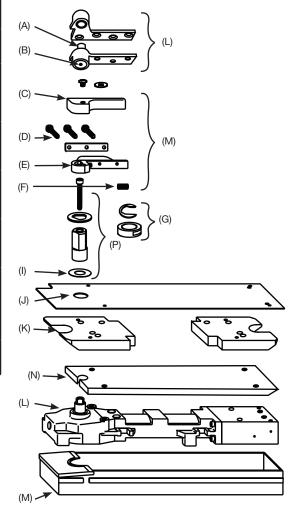
Spindle Adapter Package includes socket screw		
Extended Spindle Adapters		
4009-*XXC	1/2" extended	\$219.00
4009-*XXE	1" extended	\$219.00
4009-*XXG	1-1/2" extended	\$219.00
4009-*XXI	2" extended	\$219.00

Screw Kits	
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107075	\$8.20
Slide Track Screw Kit 107033	\$8.20

Model Q51/QT51

Right Hand Shown 3/4" Offset

(A)	Pivot Stud 181770-ASY	\$8.00
(B)	Hex Cap 181778-*	\$8.40
(C)	Arm Cap & Screw 73035R*AS (RH, BRS) 73035L*AS (LH, BRS)	\$48.80
(D)	Q/QT27 Arm Mounting Screws & Plate 73014-*	\$8.20
(E)	Removable Arm 73001R-ASY (RH) 73001L-ASY (LH)	\$184.00
(F)	Arm Locking Screw Only 88905-PKG (5)	\$36.60
(G)	Arm Washer and Shim PKG 275179 (includes Shim 275065 and 275178 Torque Washer)	\$36.60
(l)	Spindle Washer 519000-X	\$13.50



(L) 3/4" Offset Top Pivot 180 FL180 Fire Rated 180 - 20 20 Minute	See Page 115
(M) Bottom Arm Package 222050R* (RH) 222050L* (LH)	See Page 93

(P) Spindle Adapter Package includes shims & washer 4007-XXC		\$219.00
Extended Spindles Spindle Adapters:		
4007-XXF	1/2" extended	\$219.00
4007-XXH	1" extended	\$219.00

(J)	Floor Plate w/Screws 4000501R* XXA (RH) 4000501L* XXE (LH), "BC") 4000501R* XXE (RH, "BC") 4000501L* XXE (LH, "BC") 4000501R* XXI (RH, "DA") 4000501L* XXI (RH, "DA")	See Page 93
(K)	Q51 Styrofoam Filler 4000-023	\$70.00
(N)	QT51 Styrofoam Filler 4000-019	\$70.00
(L)	Closer Body (Specify complete model no. x LAP)	See Page 93
(M)	Cement Case w/Screws 4000301	See Page 93



Intermediate Pivot

3/4" Offset Intermediate Pivot (1)	
M19	See
FM19	Page
Fire Rated	116
M19-20	
20 Minute	

*specify	finish
Specify	1111131

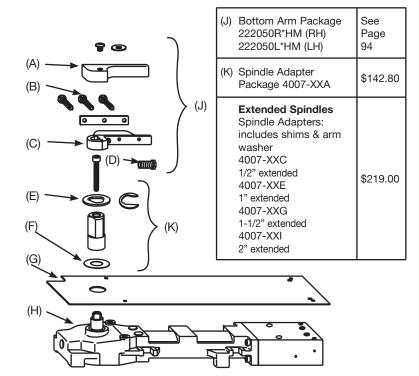
Screw Kits	
180 Screw Kit 107014 Machine(2) Req 107114 Wood (2) Req	\$8.20
Q Floor Plate Screw Kit 107010-*	\$8.20
Cement Case Screw Kit 107075	\$8.20
M19 Intermediate Pivot Screw Kit 107015 Machine (2) Req 107115 Wood (2) Req	\$8.20

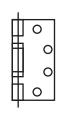
Shallow Depth Floor Closers Parts Drawings

Model HM51

Right Hand Shown 3/4" Offset Only

(A) Arm Cap & Screw 73025R*AS (RH) 73025L*AS (LH)	\$48.80
(B) HM51 Arm Mounting Screws & Plate 73014-*	\$8.20
(C) Arm Cap & Screw 73041R*AS (RH) 73041L*AS (LH)	\$243.90
(D) Arm Locking Screw Only 88905 - (5)	\$36.60
(E) Arm Bearing Washer 275062-PKG (5)	\$36.60
(F) Spindle Washer 519000-*	\$13.50





Special Offset Hinges (3)	
254545R*PK (RH)	See
254545L*PK (LH)	Page 94

	(G)	Floor Plate w/Screws 4000500R* XXE (RH) 4000501L* XXE (LH) 4000501R* XXE (RH, "BC") 4000501L* XXE (LH, "BC") 4000501R* XXI (RH, "DA") 4000501L* XXI (LH, "DA")	See Page 94
	(H)	Closer Body (Specify complete model no. x LAP)	See Page 94
ĺ	(I)	Cement case with	See

Screw Kits	
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107075	\$8.20
Hinge screw kit 107519-*	\$8.20

Page 94

screws

4000301

*specify finish

Model 50 & 5020-

(A)	Jamb Portion 3065	\$120.00
(B)	Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$48.80
(C)	Door Portion 30243	\$120.00
(D)	W28 Wood Door Plate/Shim Pkg (includes 46145 & 46445) 107066 Wood door arm pkg. 282126	\$76.00
(E)	Arm Plate Shims (.062) 46045-PKG (5) Arm Plate Shims (.187) 46145-PKG (5)	\$27.70
(F)	Arm Plate & Stud Assy 46445	\$27.70
(G)	Arm & Arm Set Screw 282026	\$74.00
(H)	Arm Set Screw Only 26087-PKG (5)	\$20.80
(I)	Arm Alignment Screw & Washer (107032 -*)	\$35.40
(J)	Spindle Adapter Package 4010-XXA	\$172.50
Extended Spindles Spindle Adapters		
401	10-XXC 1/2" extended	
40	10-XXE 1" extended	\$247.00
	10-XXG 1-1/2" extended	φ241.00
401	10-XXI 2" extended	
(K)	Spindle Washer 519000-*	\$13.50

(A) See 340 Top Pivot		
(C) Pac	ge 119	
(L) -	→ •	
(E) (F) (F)		See Page 95
(G) 333 (G) 4 (G)	(M) Floor Plate with Screws 4000600-*XXE BC") 4000600-*XXI("DA")	See Page 95 or 96
$(H) \qquad (I) \qquad (I)$	(N) Closer Body (Specify Complete Model No. x LAP)	See Page 95 or 96
	(O) Cement Case with Screws 4000301	See Page 95 or 96
$(K) \longrightarrow \bigcirc$	(E-I) Bottom Arm Package 282126	\$160.70
0.	••	
(N)		
(0)		
	Screw Kits	
-	554 Arm Screw Kit 107064	\$8.20
	Floor Plate Screw Kit 107004-*	\$8.20
L	Cement Case Screw Kit 107075	\$8.20

*specify finisi

	107004-	
	Cement Case Screw Kit 107075	\$8.20
	340 Screw Kit 107329 Machine & Wood	\$8.20
h	Arm Screw Kit 107048 Machine 107144 Wood	\$8.20

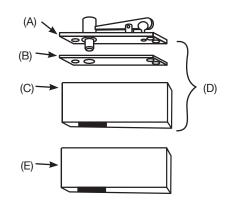
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Shallow Depth Floor Closers Parts Drawings

Model 5040

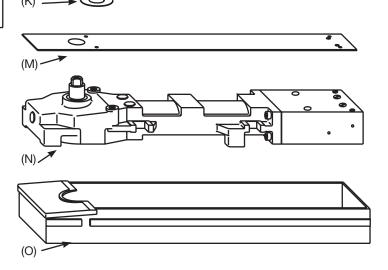
Right Hand Shown 3/4" Offset

(A) Jamb Portion 42801	\$120.00
(B) Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$48.80
(C) Patch Filling 7495-*	\$170.00
Bottom Pivot Insert 74101	\$45.90
Top Pivot Insert 74102	\$45.90



(D) Top Patch 7494* PK	See Page 96
(M) Floor Plate with Screws 4000600-*XXE BC") 4000600-*XXI("DA")	See Page 96
(N) Closer Body (Specify Complete Model No. x LAP)	See Page 96
(O) Cement Case with Screws 4000301	See Page 96
(E) Bottom Patch 7495-*PK (includes items C & J)	See Page 96

(K) *Spindle	
washer	\$13.50
519000-*	

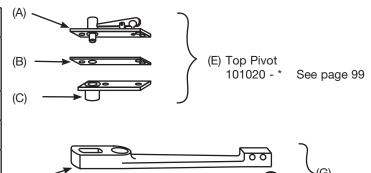


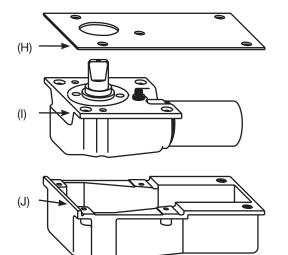
Screw Kits	
Floor Plate Screw Kit 107004-*	\$8.20
Cement Case Screw Kit 107075	\$8.20
340 Screw Kit 107329 Machine & Wood	\$8.20

SPECIALTY CLOSERS Parts Drawings

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

(A)	Jamb Portion 3065	\$120.00
(B)	Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$48.80
(C)	Door Portion 12716	\$123.00
(F)	Alignment Screws & Washers 107032 - *	\$35.40
(K)	1004 Duo Arm	\$97.00





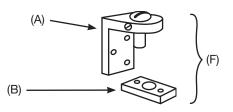
(G)	Arm Package 102026 - * (includes K & F and attaching screws.)	See Page 99
(H)	Floor Plate with Screws 104020 - *	See Page 99
(I)	Closer Body (Specify Complete Model No. x LAP)	See Page 99
(J)	Cement Case with Screws103000	See Page 99

Screw Kits	
Top Pivot Screw Kit 107329	\$8.20
Arm Screw Kit 107054	\$9.60
Floor Plate Screw Kit 107004-*	\$8.20

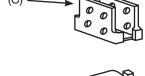
SPECIALTY CLOSERS Parts Drawings

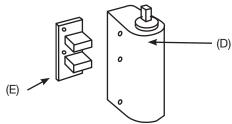
Model 354

(A) Jamb Portion 01960-*AS	\$189.00
(B) Gate Portion 35064-*AS	\$56.80
(E) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$101.00



(F) Top Pivot Package	See
3541020-*	Page 99
(C) Arm with Screws	See
3542026-*	Page 99
(D) Closer Body X03540370-* Includes Bracket	See Page 99



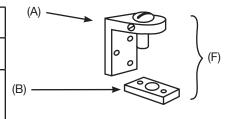


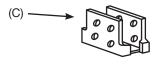
Screw Kits	
Top Pivot Screw Kit 107017-*	\$9.20
Closer Mtg. Screw Kit 107350	\$7.00

^{*}specify finish - sprayed finishes only

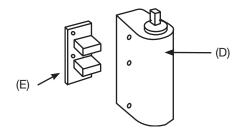
Model 355

(A) Jamb Portion 0490-*AS	\$189.00
(B) Gate Portion 35064-*AS	\$56.80
(E) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$101.00





(F) Top Pivot Package	See
3551020-*	Page 99
(C) Arm with Screws	See
3542026-*	Page 99
(D) Closer Body X03540370-* Includes Bracket	See Page 99



Screw Kits	
Top Pivot Screw Kit 107017	\$9.20
Closer Mtg. Screw Kit 107350	\$7.00

*specify finish

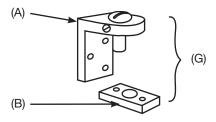
USA & Canada Prices Effective June 3, 2019

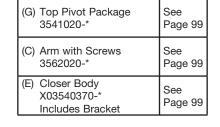
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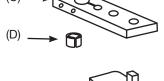
SPECIALTY CLOSERS Parts Drawings

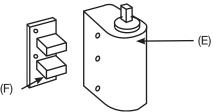
Model 356

(A)	Jamb Portion 01960-*AS	\$189.00
(B)	Gate Portion 35064-*AS	\$56.80
(D)	Bushing Only (included in arm package) 35051	\$29.10
(F)	Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$101.00









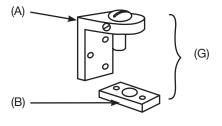
Screw Kits	
Top Pivot Screw Kit 107017 -*	\$9.20
Arm Screw Kit 107359	\$7.00
Closer Mtg. Screw Kit 107350	\$7.00

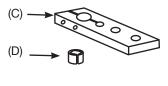
*specify finish - sprayed finishes only

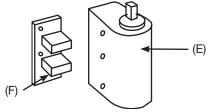
Model 357

(A)	Jamb Portion 0490-*AS	\$189.00
(B)	Gate Portion 35064-*AS	\$56.80
(D)	Bushing Only (included in arm package) 35051	\$29.10
(F)	Bracket 3549000-* Includes Closer Mtg Screw Kit	\$101.00

Top Pivot Screw Kit 107017-*	\$9.20
Arm Screw Kit 107359	\$7.00
Closer Mtg. Screw Kit 107350	\$7.00







(G) Top Pivot Package 3551020-* See Page 99

(C) Arm with Screws 3562020-* See Page 99

(E) Closer Body X03540370-* Includes Bracket See Page 99

*specify finish - sprayed finishes only

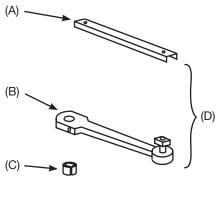
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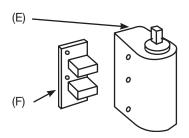
SPECIALTY CLOSERS Parts Drawings

Model 359 •

(A) Rail 35510-*	\$67.00
(B) Arm with Screw & Bushing 35535-*	\$392.00
(C) Bushing Only (included in arm package) 35051	\$29.10
(F) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$101.00



(D)	Arm & Rail Package 3592010-* Includes ABC of Attaching Screws	See Page 99
(E)	Closer Body X03540370-* Includes Bracket	See Page 99



Screw Kits	
Arm Screw Kit 107003	\$14.60
Closer Mtg. Screw Kit 107350	\$7.00

Specialty Floor Closers Parts Drawings

Model SEC27 Right Hand Shown 3/4" Offset Only (A) Pivot Stud \$8.00 Ø 181770-ASY 3/4" Offset Top See Pivot Assembly Page 115 (B) Hex Cap FA180 \$8.40 181778-* (B) (C) Arm Cap & Screw 012142R*ATS (RH, BRS) 012142L*ATS \$48.80 (LH, BRS) 012144R*ATS (RH, SS) Bottom Arm Package 012144L*ATS See 252056R* RH) (LH, SS) Page 99 252056L* (LH) (D) Arm x Locking Screw Package includes arm, arm locking 18550-Asy (RH) \$183.10 screw, arm cap & screw and shoulder 18650-Asy (LH) collar (E) Arm Locking Screw \$36.60 Only 88905-PKG (5) (F) Arm Shims \$36.60 275065-PKG (5) Floor Plate with See Screws Page 99 (G) Arm Bearing Washer 274056 -* \$19.30 275062-PKG-5 Closer Body See (Specify Complete (H) Spindle Shoulder Collar \$32.20 Page 99 Model No. x LAP) 259000-(K) Cement Case See with Screws Page 99 253001SEC Screw Kits FA180 Torx® Screw Kit 107014-*T Machine (2 req.) \$49.20 107114-T Wood (2 req.) Arm Screw Kit 107048 Machine (2 each) \$8.20 107144 Wood (2 each) Floor Plate Screw Kit \$19.80 107021-*

Specialty Closers Parts Drawings

350/1351 Gate Closer	
No parts available	٦

Overhead Concealed Closer Parts Drawings

0608/AW0608 ---

(C) Arm Assembly (sprayed finishes only) 0608312-*	\$247.00	(A) Closer Mounting Kit 608019	See Page 105
(D) Rail 0608109	\$70.40	(B) Closer Body (Specify Complete Model No. x LAP)	See Page 105
		(C) (E) Arm & Rail Package (sprayed finishes only) 06082012-*	See Page 105
		(E)	

Screw	Kit
Screw Kit 608064	\$30.10

Overhead Concealed Closer Parts Drawings

M0608/MW0608/W0608

(D)	Arm Assembly (sprayed finishes only) 0608312-*	\$247.00
(E)	Rail 0608109	\$70.40

(A)	(A) Closer Mounting Kit 608049PKG	See Page 105
	(B) Closer Body (Specify Complete Model No. x LAP)	See Page 105
(B) 0	(C) Cover Plate 6084000-*	See Page 105
	(F) Arm & Rail Package (sprayed finishes only) 06082012-*	See Page 105
(E)		
	(F)	
	Screw Kits	
	Cover Plate Screw Kit 107022-*	\$16.60

*specify finish

\$30.10

Screw Kit

608064

See

Page

106

See

Page

106

See

106 See

Page

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See

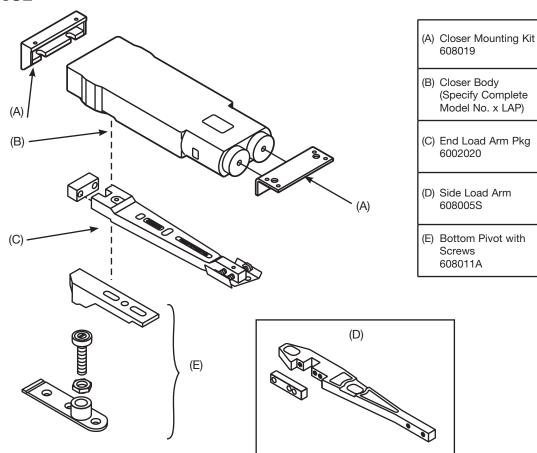
Page

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Page

Overhead Concealed Closer Parts Drawings

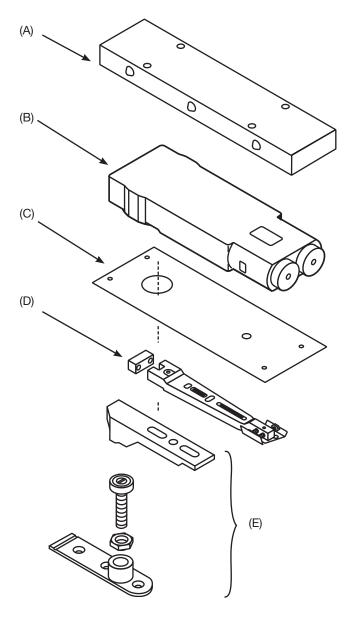
608EL/608SL -----



Screw Kit	
Arm Screw Kit (Includes arm end block) 107065	\$36.60
Bottom Pivot Screw Kit 107143	\$8.20

Overhead Concealed Closer Parts Drawings

M608 -----

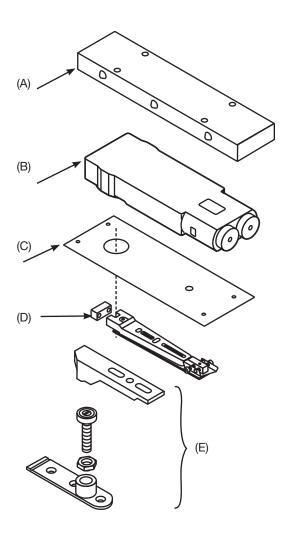


(A) Closer Mounting Kit 608049PKG	See Page 106
(B) Closer Body (Specify Complete Model No. x LAP)	See Page 106
(C) Cover Plate	See
6084000 - *	Page 106
(D) Arm Package	See
6002020	Page 106
(E) Bottom Pivot	See
608011A	Page 106

Screw Kits	
Arm Screw Kit 107065	\$36.60
Cover Plate Screw Kit 107022-*	\$16.60
Bottom Pivot Screw Kit 107143	\$8.20

Overhead Concealed Closer Parts Drawings

MW608/W608 -----



(A) Closer Mounting Kit	See
608049PKG	Page 106
(B) Closer Body (Specify Complete Model No. x LAP)	See Page 106
(C) Cover Plate	See
6084000 - *	Page 106
(D) Arm Package	See
6002021	Page 106
(E) Bottom Pivot	See
608011A	Page 106

(contains 2 caps)	Order Separately
	See Page 111

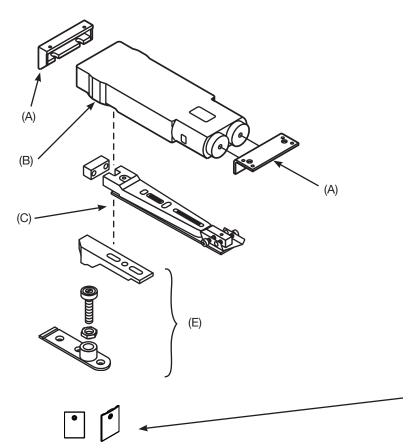
Screw Kits	
Bottom Pivot Screw Kit 107143	\$8.20
Arm Screw Kit 107065 Includes arm end block	\$36.60
Cover Plate Screw Kit 107022-*	\$16.60

*specify finish

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Overhead Concealed Closer Parts Drawings

AW608 •



(A) Closer Mounting Kit	See
608019	Page 106
(B) Closer Body (Specify Complete Model No. x LAP)	See Page 106
(C) End Load Arm Pkg	See
6002021	Page 106
Side Load Arm	See
608005S	Page 106
(E) Bottom Pivot with Screws 608011A	See Page 106

(contains 2 caps)	Order Separately See Page 111

Screw Kits	
Arm Screw Kit (Includes arm end block) 107065	\$36.60
Cover Plate Screw Kit 107022	\$16.60
Bottom Pivot Screw Kit 107143	\$8.20

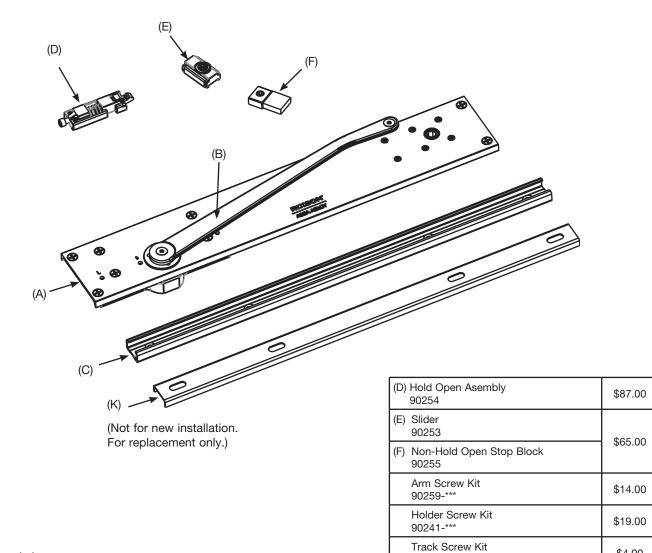
Overhead Concealed Closer Parts Drawings

91

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-***PKG (includes 90237, 90259 and 90253)	\$183.00
Left Hand Arm Package 90236-***PKG (includes 90236, 90259 and 90253)	
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$122.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$147.00

(A) Closer Body (Specify hand, function, finish x LAP)	See Page 108
(B) Arm 90236-*** (LH) 90237-*** (RH)	\$119.00
(C) Track 90239	\$66.00



Left hand shown *specify finish

USA & Canada Prices Effective June 3, 2019

90242

(Consult Factory)

(K) Retrofit Track Spacer and Screws

\$4.00

\$23.00

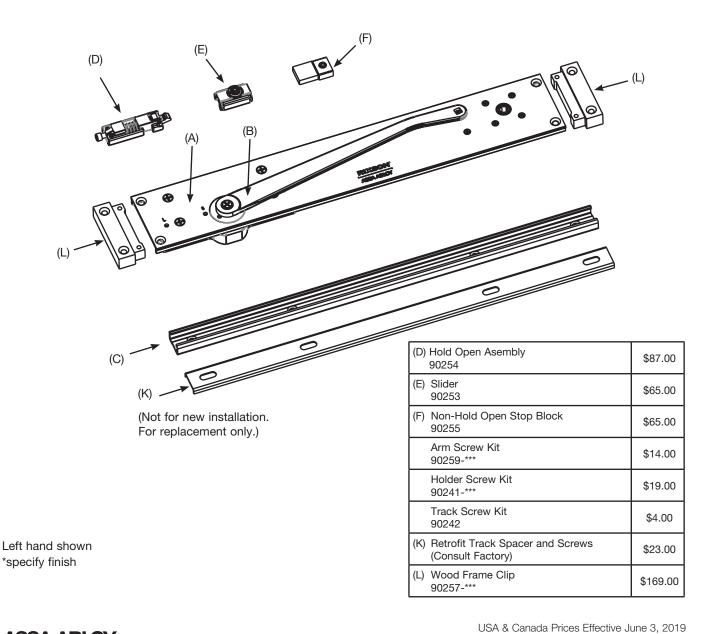
Overhead Concealed Closer Parts Drawings

91

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-***PKG (includes 90237, 90259 and 90253)	\$183.00
Left Hand Arm Package 90236-***PKG (includes 90236, 90259 and 90253)	
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$122.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$147.00

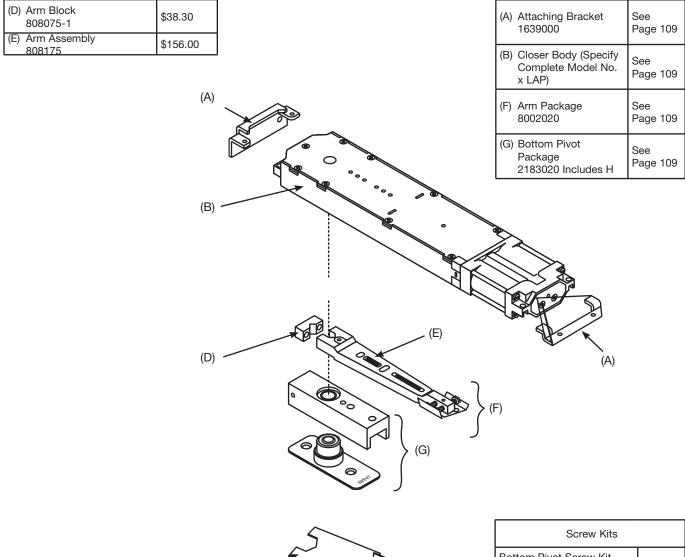
(A) Closer Body (Specify hand, function, finish x LAP)	See Page 108
(B) Arm 90236-*** (LH) 90237-*** (RH)	\$119.00
(C) Track 90239	\$66.00



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Overhead Concealed Closer Parts Drawings

700/800 ------



	25	
(H)		

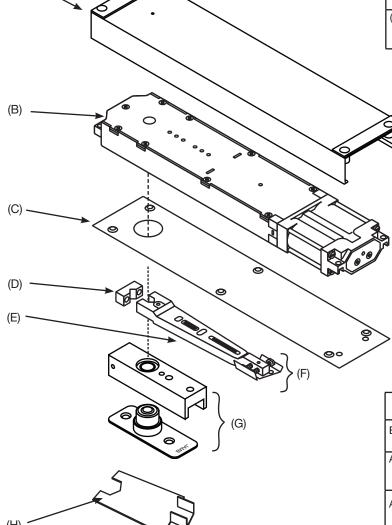
(H) Pivot Wrench 218007	\$38.30
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Screw Kits	
Bottom Pivot Screw Kit 107218	\$8.20
Arm Screw Kit 107055 Includes arm end block	\$50.30
Arm Block Screw 806018-PKG	\$21.70
Cover Plate Screw Kit 107006-*	\$8.20

M700/M800 =

(D) Arm Block 808075-1	\$38.30
(E) Arm Assembly 808175	\$156.00

(A)	Closer Mounting Channel 1929000	See Page 109
(B)	Closer Body (Specify Complete Model No. x LAP)	See Page 109
(C)	Cover Plate 7004000R* (RH) 7004000L* (LH) 800 Series 8004000-*	See Page 109
(F)	Arm Package 8002020	See Page 109
(G)	Bottom Pivot Package 2183020 Includes H	See Page 109



Bottom Pivot Screw Kit 107218	\$8.20
Arm Screw Kit 107055 Includes arm end block	\$50.30
Arm Block Screw 806018-PKG	\$21.70
Cover Plate Screw Kit	\$8.20

Screw Kits

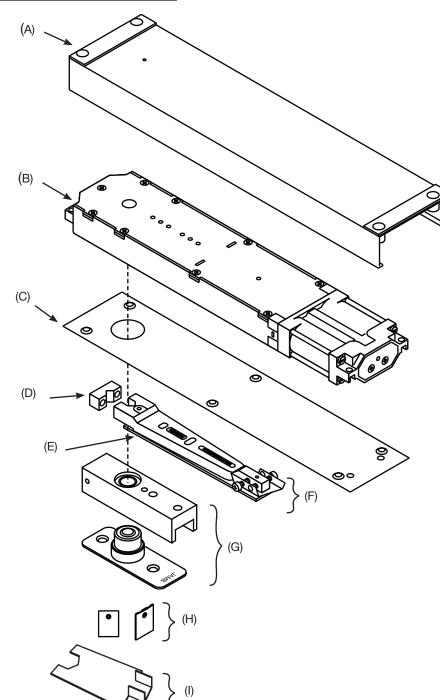
(H) Pivot Wrench \$38.30 218007

USA & Canada Prices Effective June 3, 2019

Overhead Concealed Closer Parts Drawings

MW700/MW800

(D) Arm Block 808075-1	\$38.30
(E) Arm Assy 808174	\$145.00



(A)	Closer Mounting Channel 1929000	See Page 109
(B)	Closer Body (Specify Complete Model No. x LAP)	See Page 109
(C)	Cover Plate 7004000R* (RH) 7004000L* (LH) 800 Series 8004000-*	See Page 109
(F)	Arm Package 8002021	See Page 109
(G)	Bottom Pivot 2183020 Includes I	See Page 109
(H)	Decorative Arm Cap (contains 2 caps) 1990906-* (612 or 627 only)	Order Separately See Page 111

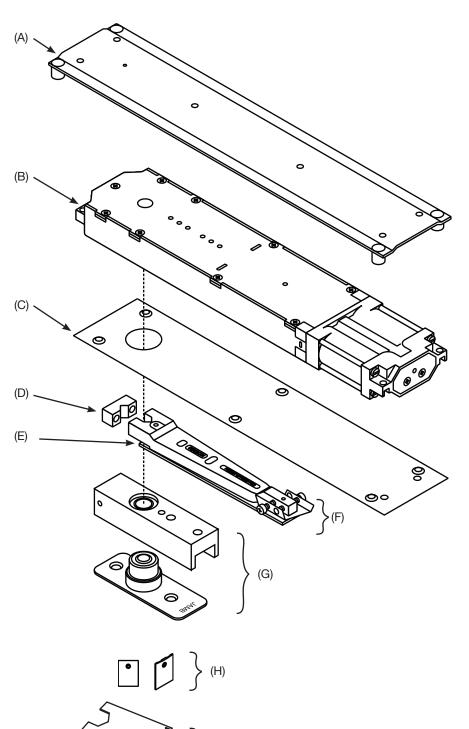
(l)	Pivot Wrench 218007	\$38.30
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Screw Kits	
Bottom Pivot Screw Kit 107218	\$8.20
Arm Screw Kit 107055 Includes arm end block	\$50.30
Arm Block Screw 806018-PKG	\$21.70
Cover Plate Screw Kit 107006-*	\$8.20

*specify finish

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W700/W800



(A)	Closer Mounting Plate 1989000	See Page 109
(B)	Closer Body (Specify Complete Model No. x LAP)	See Page 109
(C)	Cover Plate 7004000R* (RH) 7004000L* (LH)	See Page 109
(D)	Arm Block 808075-1	\$38.30
(E)	Arm Assembly 808174	\$145.00
(F)	Arm Package 8002021	See Page 109
(G)	Bottom Pivot 2183020 (Includes I)	See Page 109
(H)	Decorative Arm Cap (contains 2 caps) 1990906* (612&627 only)	Order Separately See Page 111

١ ٠ /	Pivot Wrench 218007	\$38.30
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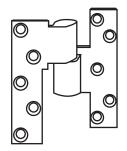
Screw Kits	
Bottom Pivot Screw Kit 107218	\$8.20
Arm Screw Kit 107055 Includes arm end block	\$50.30
Arm Block Screw 806018-PKG	\$21.70
Cover Plate Screw Kit 107006-*	\$8.20

*specify finish

Intermediate Pivots Parts Drawings

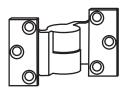
M19, M190, ML19, FA19, 219, 319, FM19, FM190

All Electrified M19 Intermediate Pivots -----



Model	Description	Price
107015-*	Metal Screws for One Leaf	\$8.20
107115-*	Wood Screws for One Leaf	\$8.20
181778-*	Hex Cap	\$8.40
219, 319 and 419 Also Use:		
107059-*	Includes Screws and Backplate	\$184.00
	Torx® Available - Suffix "T"	Add \$79.70 to each kit

119 Intermediate Pivot



Model	Description	Price
107014-*	Metal Screws for One Leaf	\$8.20
107114-*	Wood Screws for One Leaf	\$8.20
	Torx® Available - Suffix "T"	Add \$79.70

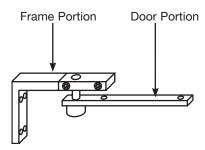
*specify finish

door opening solutions

The global leader in

Top Pivot and Pocket Pivots Parts Drawings

Angle Pivot-3

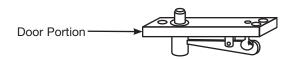


Model	Description	Price
107047*	Includes Screws and Stud	\$106.00
30243	Door Portion	\$120.00
30814**	Frame Portion (handed)	\$385.00

Torx® not available.

Top Pivot 340 x 102





Model	Description	Price
10210 AS	Jamb Portion	\$206.00
3065	Door Portion	\$120.00
107012*	Jamb Portion Screw Kit	\$8.00
107329	Door Potion Screw Kit	\$8.20

Torx® not available.

F519 Pocket Pivot -



Model	Description	Price
619005-*	Screw Kit	\$11.90
	Torx® Available	Add \$79.70

Pivots & Pivot Sets Parts Drawings

(C) 180 Top Pivot

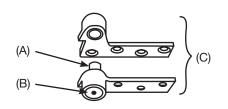
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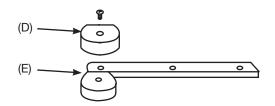
Page 115

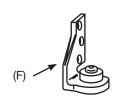
117-1/4 Pivot Set =

Right Hand Shown 3/4" Offset Only

Pivot Stud 181770-ASY	\$8.00
Hex Cap 181778-*	\$8.40
Arm Cap and Screw 12029-*AS	\$48.80
Arm LH 11706LASY	\$107.00
Arm RH 11705RASY	\$107.00
Floor Portion Assy RH 17406R*AS	\$426.00
Floor Portion Assy LH 17406L*AS	\$426.00
	181770-ASY Hex Cap 181778-* Arm Cap and Screw 12029-*AS Arm LH 11706LASY Arm RH 11705RASY Floor Portion Assy RH 17406R*AS Floor Portion Assy LH







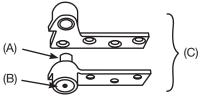
Screw Kits	
180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20
117-1/4 Screw Kit 117127 - *	\$48.50

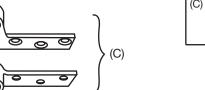
*specify finish

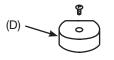
117, F117 Pivot Set Right Hand Shown

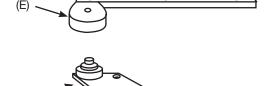
3/4" and 1-1/2" Offset

(A) Pivot Stud 181770-ASY	\$8.00
(B) Hex Cap 181778-*	\$8.40
(D) Arm Cap and Screw 12029-*AS	\$48.80
(E) 3/4" Offset Arm LH 11706LASY	\$107.00
(E) 3/4" Offset Arm RH 11705RASY	\$107.00
(E) 1-1/2" Offset Arm LH 11706L15*	\$204.60
(E) 1-1/2" Offset Arm RH 11705R15*	\$204.60
(F) 117 Floor Portion Assy 17526-*AS	\$426.00
(F) F117 Floor Portion Assy 17559-*AS	\$384.00









C) 180 Top Pivot (for Fire-Rated Doors, order F180)	See Page 115	
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Screw Kits 180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.) \$8.20 Bottom Pivot Screw Kit \$48.50 117127 - *

*specify finish

USA & Canada Prices Effective June 3, 2019

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Pivots & Pivot Sets Parts Drawings

(for Fire-Rated Doors

order F180)

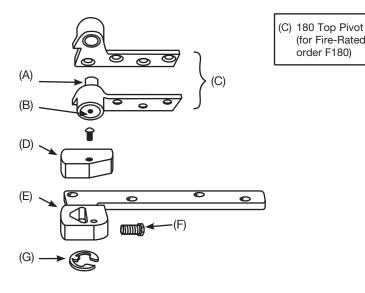
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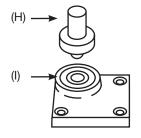
Page 115

147, F147 Pivot Set =

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

(A)	Pivot Stud 181770-ASY	\$8.00
(B)	Hex Cap 181778-*	\$8.40
(D)	Arm Cap & Screw 012142R*AS (RH, BRS) 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80
(E)	Arm x Locking Screw 3/4" Offset 275177 RH 3/4" Offset 275176 LH	\$97.00
(E)	Arm x Locking Screw 1-1/2" Offset 275167-*	\$151.00
(F)	Arm Lock Screw Pkg (5 per) 88905-PKG	\$36.60
(G)	Arm Shim Kit (2 per) 107071	\$19.30
(H)	Spindle Stud 14714	\$27.70
(l)	147 /F147 Floor Portion x Bearing 14721-*AS	\$396.00





*specify finish

Screw Kits	
147/F147 Bottom Pivot Screw Kit 107062-* includes 107071	\$8.20
180/F180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20
Arm Screw Kit 107044 Machine 107144 Wood	\$8.20

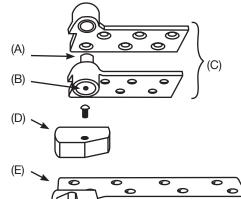
182

Pivots & Pivot Sets Parts Drawings

L147, FL147 Pivot Set

Right Hand Shown 3/4" Offset Only

	,		
(A)	Pivot Stud 181770-ASY		\$8.00
(B)	Hex Cap 181778-*		\$8.40
(D)	(D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)		\$48.80
(E)	Arm x Lockin		\$183.10
(E)	Arm x Lockin 2" Door	g Screw 18551-Asy RH 18651-Asy LH	\$404.50
(E)	Arm x Lockin 2-1/4" Door	g Screw 18552-Asy RH 18652-Asy LH	\$404.50
(E)	Arm x Lockin 2-1/2" Door	g Screw 18553-Asy RH 18653-Asy LH	\$404.50
(E)	Arm x Lockin 3" Door	g Screw 18554-Asy RH 18654-Asy LH	\$404.50
(F)	Arm Lock Sc (5 per) 88905-PKG	rew Pkg	\$36.60



(F)

(tor Fire-Rated Doore	See Page 115

(G)	Arm Shim Kit (2 per) 107071	\$48.80
(H)	Spindle Stud 14714	\$27.70
(I)	L147 Floor Portion x Bearing 14721-*AS	\$396.00

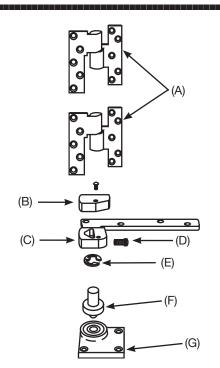
}		
י נ	Screw Kits	
	180/F180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20
	Arm Screw Kit 107044 Machine 107144 Wood	\$8.20
	L147/FL147 Bottom Pivot Screw Kit (includes "E" ring shim) 107062-*	\$8.20

^{*}specify finish

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)	\$48.80
(C) Arm x Locking Screw 275177RH 275177RH	\$97.00
(D) Locking Screw Pkg (5 per) 88905-Pkg	\$48.80
(E) Arm Shim Kit (2 per) 107071	\$19.30
(F) Spindle Stud 14714	\$27.70
(G) 147 Floor Portion x Bearing 14721-*AS	\$396.00



(A) M190 Intermediate Pivot (For Fire-Rated Doors order FM190)	See Page 115
147 Bottom Pivot Screw Kit (includes 107071) 107062-*	\$8.20

*specify finish

USA & Canada Prices Effective June 3, 2019

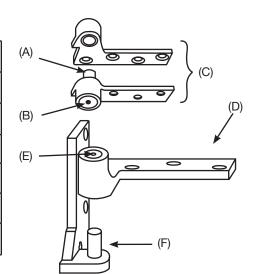
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Pivots & Pivot Sets Parts Drawings

195 Pivot Set •

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$8.00
(B) Hex Cap 181778-*	\$8.40
(D) Door Portion Asy RH 19503-*AS	\$299.00
(D) Door Portion Asy LH 19504-*AS	\$299.00
(E) Cap 19511-*	\$13.30
(F) Jamb Portion Asy RH 19501-*AS	\$384.00
(F) Jamb Portion Asy LH 19502-*AS	\$384.00



(C) 180 Top Pivot Page 115

Screw Kits	
180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20
195 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20

*specify finish

See

Page 115

\$8.20

\$8.20

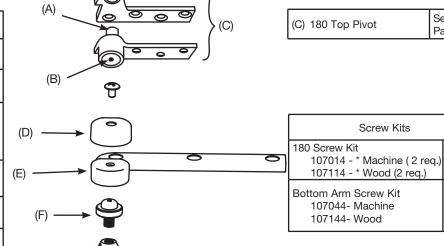
173 Pivot Set

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$8.00
(B) Hex Cap 181778-*	\$8.40
(D) Arm Cap and Screw 12029-*AS	\$48.80
(E) Arm LH 11706L*AS (E) Arm RH 11705R*AS	\$107.00
(F) Spindle Stud 173003	\$25.80
(G) Spindle collar 173001	\$59.00
(H) Mounting Bolt 173002	\$30.50
(J) Floor Anchor 173010	\$19.80

1-1/2" Offset Arm

(E)	1-1/2" Offset Arm LH	
(E)	11706L15* 1-1/2" Offset Arm RH 11705R15*	\$107.00







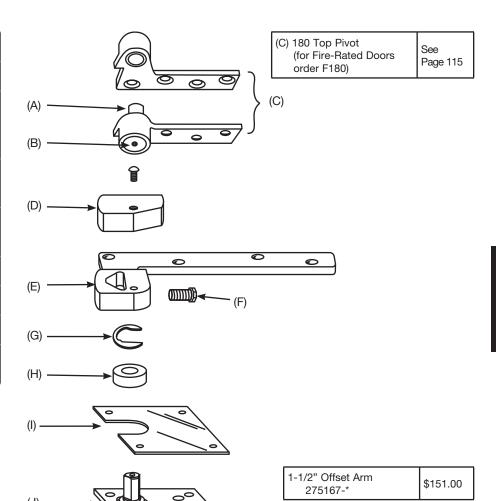
*specify finish

Pivots & Pivot Sets Parts Drawings

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

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

(A)	Pivot Stud 181770-ASY	\$8.00
(B)	Hex Cap 181778-*	\$8.40
(D)	Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80
(E)	Arm x Locking Screw 3/4" Offset 275177 RH 3/4" Offset 275176 LH	\$97.00
(F)	Arm Lock Screw Pkg (5 per) 88905-PKG	\$36.60
(G)	Arm Shim Kit (5 per) 275065-PKG	\$19.30
(H)	Spindle Shoulder Collar 16301A*	\$32.20
(l)	Floor Plate x Screws 1174050-*	\$105.00
(J)	117-1/2 & F117-1/2 Floor Portion Assembly X01176350	\$656.00



Screw Kits	
180/F180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$8.20
Floor Plate Screw Kit 107004-*	\$8.20

*specify finish

\$8.20

USA & Canada Prices Effective June 3, 2019

Arm Screw Kit

107044 - * Machine

107144 - * Wood

Pivots & Pivot Sets Parts Drawings

L117, FL117 Pivot Set Right Hand Shown

3/4" Offset Only

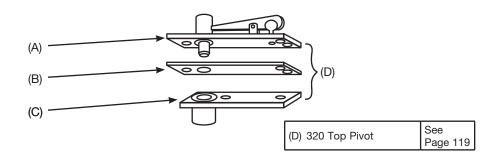
(A)	Pivot Stud 181770-ASY	\$8.00	
(B)	Hex Cap 181778-*	\$8.40	
(D)	Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$48.80	(A) (C) (C) L180 Top Pivot (for Fire-Rated Doors order FL180) See Page 115
(E)	Arm x Locking Screw 1-3/4" Door 18550-ASY RH 18650-ASY LH	\$183.10	Note: FL is available for 1-3/4" doors only
(E)	Arm x Locking Screw 2" Door 18551-ASY RH 18651-ASY LH	\$404.50	
(E)	Arm x Locking Screw 2-1/4" Door 18552-ASY RH 18652-ASY LH	\$404.50	(E) (F)
(E)	Arm x Locking Screw 2-1/2" Door 18553-ASY RH 18653-ASY LH	\$404.50	$(G) \longrightarrow \bigcirc$ $(H) \longrightarrow \bigcirc$
(E)	Arm x Locking Screw 3" Door 18554-ASY RH 18654-ASY LH	\$404.50	
(F)	Arm Lock Screw Pkg (5 per) 88905-PKG	\$36.60	
(G)	Arm Shim Kit (5 per) 275065-PKG	\$19.30	0 0
(H)	Spindle Shoulder Collar 259500-*	\$93.00	
(I)	Heavy-Duty Thrust-Bearing 41204-PKG	\$104.00	(K) Screw Kits
(J)	Floor Plate x Screws 1174050-*	\$105.00	L180/F180 Screw Kit 107016 - * Machine (2 req.) \$9.20
(K)	Floor Portion Assembly X01176351 Includes 41204-PKG	\$656.00	107116 - * Wood (2 req.) Arm Screw Kit 107048 - * Machine (2 req.) 107114 - * Wood (2 req.)
			Floor Plate Screw Kit 107004 - * Machine (2 req.) \$8.20

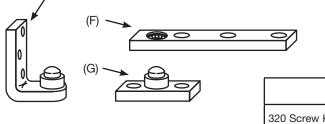
*specify finish

Special Note: FL117 is available for 1-3/4" doors only

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

(A) Top Pivot Jamb Portion 640-ASY	\$128.00
(B) Top Pivot Plate x Screws 12724-*PK(SS) 12720-*PK (BRS)	\$48.80
(C) Top Pivot Door Portion 12716	\$123.00
(E) Jamb Portion & Stud Assembly 127-3/4 Only 12711-*	\$311.00
(F) Arm & Bearing Assembly 12714 Door Portion	\$89.00
(G) Floor Pivot & Stud Assembly 128-3/4 Only 71521-*AS	\$180.00



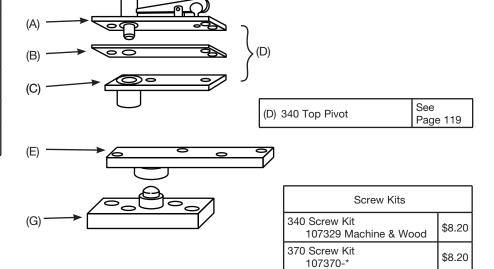


Screw Kits		
320 Screw Kit 107340 Machine & Wood	\$8.20	
127-3/4 & 128-3/4 Screw Kit 117127-*	\$48.50	

*specify finish

370 Pivot Set ==

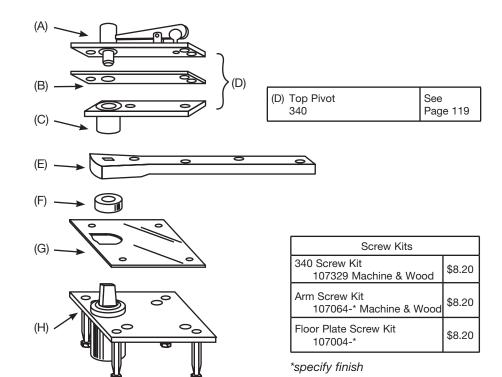
(A) Top Pivot Jamb Portion 3065	\$120.00
(B) Finish Plate x Screws 012202-*PK (BRS) 012204-*PK (SS)	\$48.80
(C) Top Pivot Door Portion 30243	\$120.00
(E) Arm 22131	\$135.00
(G) Floor Portion and stud 22121-*	\$226.10



*specify finish

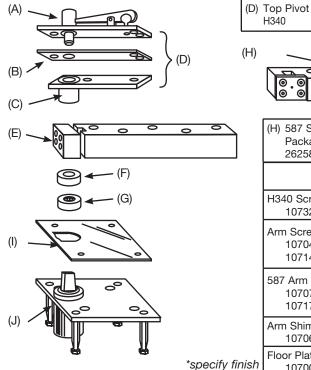
117-3/4 Pivot Set -

(A) Top Pivot Jamb Portion 065	\$120.00
(B) Top Pivot Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$48.80
(C) Top Pivot Door Portion 30243	\$120.00
(E) Arm 185.75	\$217.00
(F) Spindle Shoulder 16301A	\$32.20
(G) Floor Plate x Screws 1174020-*	\$106.00
(H) Floor Portion Assembly X01176320	\$649.00



H117-3/4 Pivot Set •

(A)	Top Pivot Jamb Portion 308548	\$417.00
(B)	Top Pivot Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$48.80
(C)	Top Pivot Door Portion 30141	\$417.00
(E)	Standard End Load Arm Package 262022	\$672.00
(F)	Spindle Shoulder Collar 259500-*	\$93.00
(G)	Heavy-Duty Thrust Bearing 41204-PKG	\$104.00
(I)	Floor Plate x Screws 1174020-*	\$106.00
(J)	Floor Portion Assembly X01176322 Includes 41204-PKG	\$1,124.00

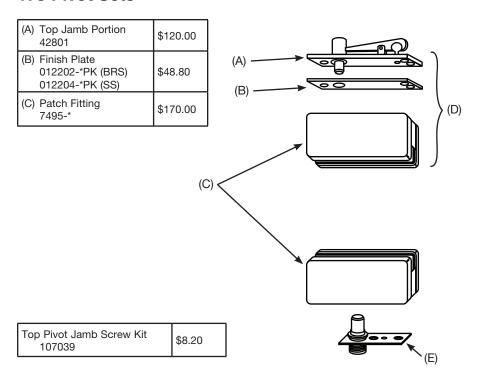


(H)			
		_	
	(H) 587 Side Load Arm Package 262587	\$6	672.00
	Screw Kits		
	H340 Screw Kit 107329 Machine & Wood	d	\$8.20
	Arm Screw Kit 107045 - Machine 107145 - Wood		\$8.20
	587 Arm Screw Kit 107077 - Machine 107177 - Wood		\$13.30
	Arm Shim Screw Kit 107060		\$11.20
ish	Floor Plate Screw Kit 107004-*		\$8.20

See Page 119

Pivots & Pivot Sets Parts Drawings

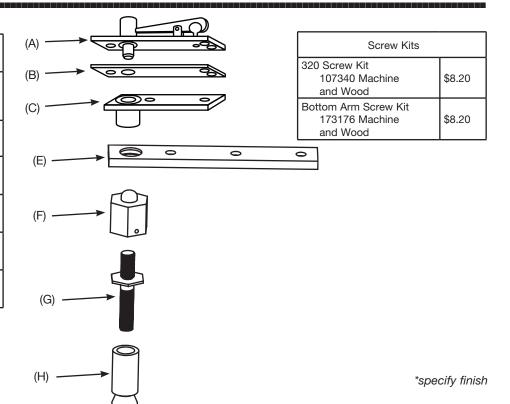
178 Pivot Sets



(D) Top Patch	See
7494-* PK	Page 96
(E) Bottom Pivot	See
Floor Portion	Page 96
74104	rage 90

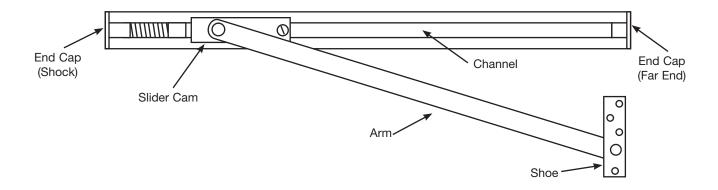
176 Pivot Sets

	o Pivot Jamb Portion O-ASY	\$128.00
127	o Pivot Plate x Screws 724-*PK(SS) 720-*PK (BRG)	\$48.80
(C) Top 127	o Pivot Door Portion 716	\$123.00
(E) Bot 127	ttom Arm 704	\$83.00
(F) Sle 176	eve 6001	\$53.90
	unting Bolt 6002	\$30.90
\ <i>,</i>	or Anchor 3010	\$19.80



Checkmate® Stops & Holders **Parts Drawings**

Checkmate®



End Caps #1, 2, 9 & 10 only			
44 0 40	Shock End Block	6003	\$18.10
#1 & #9	Far End Block	6004	\$18.10
#2 & #5	Far End Block	5059 (2 req.)	\$3.00
#10	Far End Block	5011 (2 req.)	\$2.40
Screw I	Kits		
#1	Friction or Stop	6487-*	\$34.10
# /	Hold Open	6998N*	\$46.90
#2	Friction or Stop	5999-*	\$66.00
#6	Stop	6487-*	\$34.10
#7	Friction or Stop	3880-*XXXA	\$46.20
#8	Friction or Stop	5897-*	\$43.40
#9	Friction or Stop	6468-*	\$33.10
#3	Hold Open	6997N*	\$35.90
#10 & #55	Friction or Stop	5998-*	\$39.10

*specify	tinish
----------	--------

Arm Assemblies (includes arm, shoe & slider ca Specify Model & Finish: example: 1- *346R	am)
2 - *346R	Consult Factory

Adapte	r Kits		
#2 & #10	Hold Open Friction Adapter	5012-PKG	\$24.00

The global leader in door opening solutions

Accessories



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

XK996M Part# 996631M-*

* specify finish

See Page 134



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

Cannot be used with Model 994

See Page 134



900-50

900-75



900-100



900-200



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

See Page 134

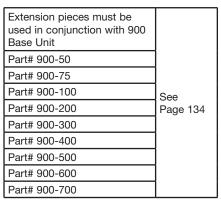


Armature Extension 90° Bend Part# 900-Z Must be used with 900 base unit. Those two pieces will extend armature 3" longer than the contact plate.

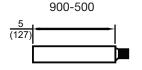
See Page 134

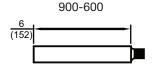
Ç	900-300	
<u>3</u> (76)		

900-400



*specify finish





900-700

7 (178)

tromagnetic er Releases

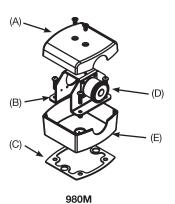
Used with Model 980M/981M •

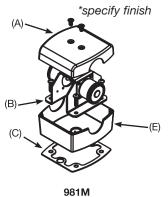
Floor Portion

(A) Magnet Housing Cover 980311M-*/981311M-*	\$379.60
(B) Magnet Support Bracket 981309	\$34.90
(C) Gasket 980095M	\$23.00
(D) Magnet **996219-3V	\$170.00
(E) Magnet Housing Base 980312M-*/981312M-*	\$232.00

^{*}specify finish





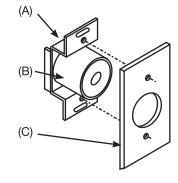


Used with Model 990M, 989

(A) Magnet Bracket 990002	\$37.00
(B) Magnet **996219-3V	\$170.00
(C) Wall Cover Plate 990001	\$62.00

^{*}specify finish

^{**}For voltages other than (tri-volt 12 VDC, 24 VAC, 24 VDC, and 120 VAC), contact factory for magnet mounting bracket assembly part number.

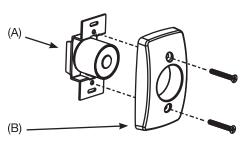


Screw Kits	
Screw Kit for 990M 990300-*	\$27.30

Used with Model 994M, 997M, 998M

(A) Magnet Assembly and Bracket **998369-3V	\$197.00
(B) Cover 998315-*	\$76.00

*specify finish



	Screw Kits	
\$	Screw Kit for 997, 997M/998M 998300-*	\$30.70
(Screw Kit for 997, 998M 998303-*	\$30.70

^{*}specify finish

USA & Canada Prices Effective June 3, 2019

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



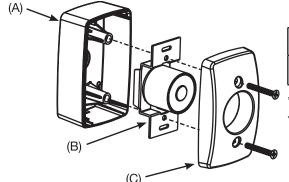
^{**}For voltages other than (tri-volt 12 VDC, 24 VAC, 24 VDC, and 120 VAC), contact factory for electromagnet assembly part number.

^{**}For voltages other than (tri-volt 12 VDC, 24 VAC, 24 VDC, and 120 VAC), contact factory for magnet mounting bracket assembly part number.

Electromagnetic Door Holder/Releases Parts Drawings

Used with Model 996M -----

(A) Surface Mounting Box Housing 996501M-*	\$106.00
(B) Magnet Assembly and Bracket **996369-3V	\$197.00
(C) Cover 998315M-*	\$76.00



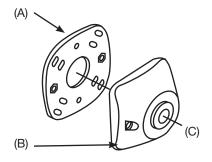
Screw Kit	s
Screw Kit for 996M 996325-*	\$30.70

*specify finish

**For voltages other than (tri-volt 12 VDC, 24 VAC, 24 VDC, and 120 VAC), contact factory for magnet mounting bracket assembly part number.

Used with Model 999M -

(A	Base Plate 999105	\$81.00
(B)	Cover 999055-*	\$300.00
(C)	Magnet **996219-3V	\$170.00



Screw Kits	3
Screw Kit for 999M 999318-*	\$30.70

*specify finish

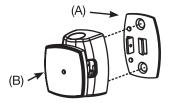
**For voltages other than (tri-volt 12 VDC, 24 VAC, 24 VDC, and 120 VAC), contact factory for magnet mounting bracket assembly part number.

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

(A) Backup Plate 900314	**
(B) Door Armature 997510M-*	\$137.00
(C) **Door Plate 998009	**

**Not Sold Separately - See Screw Kit *specify finish

Door portion screws included with Wall/ Floor parts.



Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only



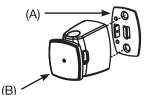
Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors

(A)	**Backup Plate 900314	**
(B)	Door Armature 998512M-*	\$137.00
(C)	**Door Plate 998009	**

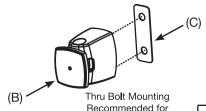
**Not Sold Separately – See Screw Kit

*specify finish

Door portion screws included with Wall/Floor parts.



Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only



Recommended for
Hollow Metal, Hollow
Core or Composite Type
Wood Doors

Screw Kits
Screw Kit for 998M
998303-*

Used with Model 994M ==

(A) **Backup Plate 900314	**
(B) Door Armature 994510M-* (includes D)	\$148.00
(C) **Door Plate 998009	**

**Not Sold Separately – See Screw Kit

*specify finish

Door portion screws included with Wall/Floor parts.

(D)	Swivel Armature cannot be used with extension pieces	\$97.70
	Part# 900-3	
		I



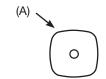
Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only

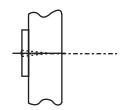


Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors

Used with Model 989

(A)	Door Armature Attachment screw included in Kit. Part#444FM	\$85.00



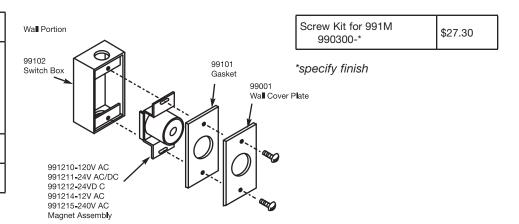


*specify finish

Electromagnetic Door Holder/Releases Parts Drawings

Used with Model 991M ----

(A) Switch Box 991002	\$276.00
(B) Magnet Assembly 991210-120 VAC 991211-24 VAC/DC 991212-24 VDC 991214-12 VAC 991215-240 VAC	\$432.00
(C) Gasket 991001	\$33.50
(D) Wall Cover Plate 990001	\$62.00

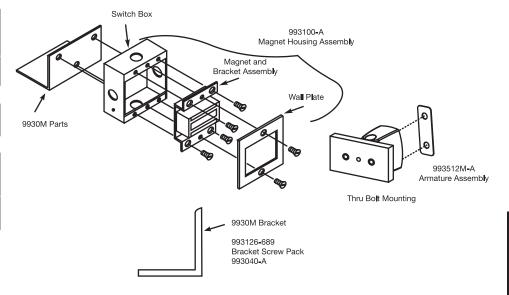


Used with Model 993M/9930M

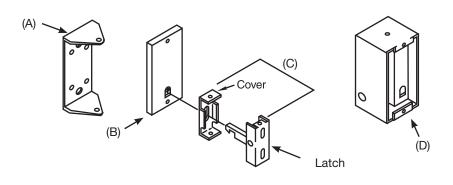
(A) Magnet Housing Assembly 993100-A	\$711.00
(B) Armature Assembly 993512M-A	\$487.00

Screw Kit for 993M:	\$18.60
993300-A	φ10.00

(C) Bracket for floor mounting (Model 9930M) 993126-*	\$111.00
Screw kit for angle bracket 993040-*	\$39.10



(A) "U" Bracket 972041	\$95.00
(B) Cover 972102	\$134.00
(C) Latch Unit 972106	\$210.00
(D) Box 972100 972112 972118 972120	\$750.00

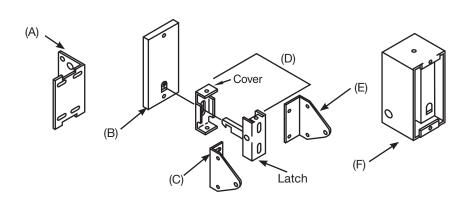


Screw	Kit	for	972/973H
97	219	Ω	

\$69.00

Used with Model 972S •

(A)	Angle Bracket 972040	\$56.90
(B)	Cover 972102	\$134.00
(C)	Flat Latch Bracket 972044	\$52.70
(D)	Latch Unit 972106	\$210.00
(E)	Threaded Latch Bracket 972043	\$52.40
(F)	Box 972100 972112 972118 972120	\$750.00

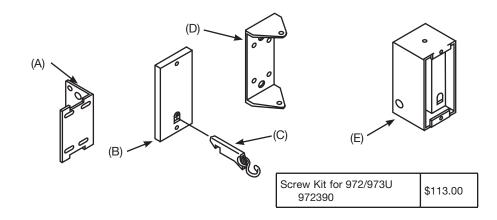


Scre	Kit for 972 2290	2/973S
1 9	2290	

\$69.00

Used with Model 972U ■

(A) Angle Bracket 972040	\$56.90
(B) Cover 972102U	\$134.00
(C) Latch Arm 972105	\$69.00
(D) "U" Bracket 972041	\$95.00
(E) Box 972100 972112 972118 972120	\$750.00

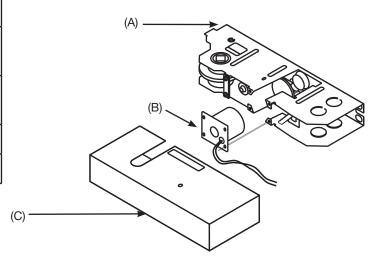


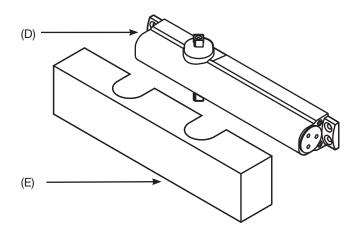
ASSA ABLOY

Electrified Closer/Holders Parts Drawings

SMOK-CHEK® V ■

(A) Holder Assembly 550100 120VAC 550101 24VAC/DC	\$586.00
(B) Magnet 930105 120VAC 930106 24VAC/DC	\$171.00
(C) Holder Cover (non-detectored) 550106-*	\$162.00
(D) Closer Body 85010163-*	\$287.00
(E) Closer Cover 233069K*	\$66.00



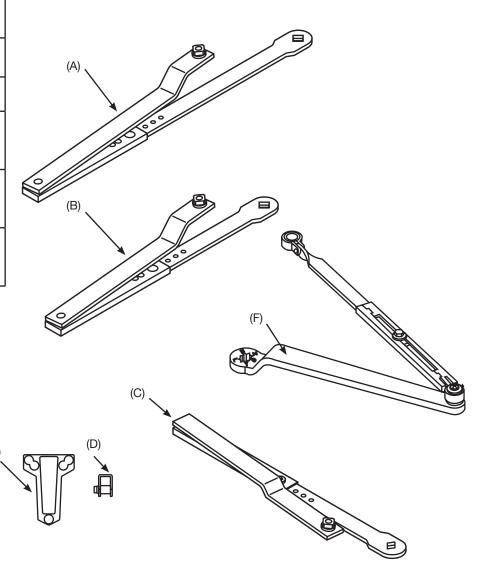


Screw Packs	
550221-* for models with closers	\$47.60
550131-* for models without closers	\$47.60

*specify finish

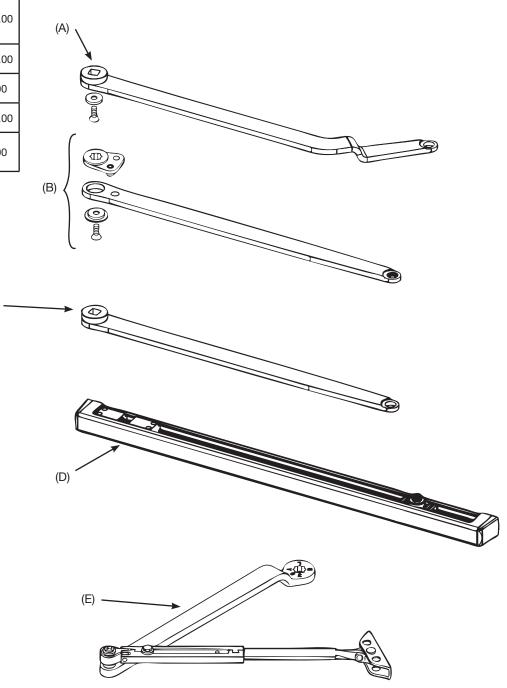
SMOK-CHEK® V

(A)	Deep Reveal Push Side Arm 550789-*	\$335.00
(B)	Push Side Arm 550136K*	\$194.00
(C)	Pull Side Arm 550120K-*	\$194.00
(D)	Door Pivot Bracket (Used with 0602/2602 models) 565118T689	\$44.90
(E)	PA Bracket (Used with 0602/2602 models) 40-1600-0450-078	\$26.60
(F)	Arm (used with 0602/2602 models) 20-7700-0192-*	\$100.00



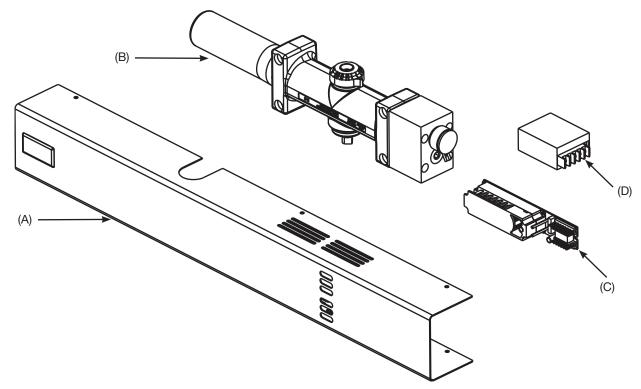
SMOK-CHEK® VI =

(A) Double Egress Pull Side 15-7200-0517-* (RH) 15-7200-0518-* (LH)	\$306.00
(B) Free Swing Arm 15-7200-0516-*	\$273.00
(C) Pull Side Arm 15-7200-0515-*	\$84.00
(D) Pull Side Track 15-7200-0514-*	\$242.00
(E) Push Side Arm 15-7200-0505-*	\$95.00



Sex Bolt Package 15-7200-0382-*	\$8.30

SMOK-CHEK® VI



(A) Cover (non-detectored) 15-7200-0511-*	\$134.00
(A) Cover (detectored) 15-7200-0512-*	\$110.00

(B) Body Only 15-7204-0501-078 (RH, 24VAC/DC) 15-7204-0503-078 (LH, 24VAC/DC)	\$763.00

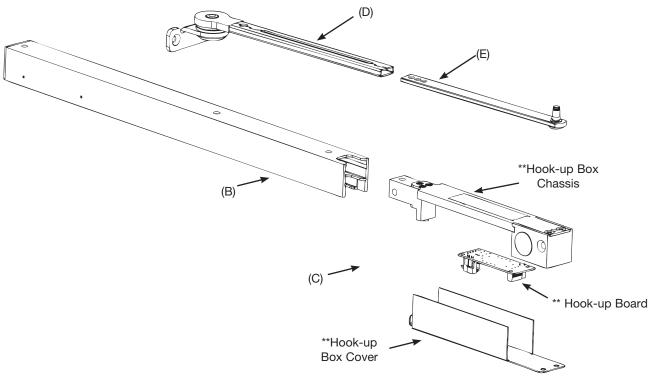
(C) Photo Optic Detector Module (detectored units only) 15-7200-0503-078 (24VAC/DC)	\$631.00
(= : : : : : = = =)	

(D) PC Board 20-0099-0613-500	\$240.00
----------------------------------	----------

*specify finish

200

Models 99-726 and 99-926 •



Slider Assembly (not visible) 20-0099-0337-500	\$76.00
(B) Channel (for 99-726) 20-0099-0608-* (24V)	\$390.00
(B) Channel (for 99-926) 20-0099-0609-* (24V)	\$390.00
(C) Hook-Up Box Assembly (for 99-726) 20-0099-0604-* (24V) 20-0099-0605-* (120V)	\$174.00
(C) Hook-Up Box Assembly (for 99-926) 20-0099-0600-* (24V) 20-0099-0601-* (120V)	\$154.00
(D) Arm Bracket & Tube 20-0099-0516-*	\$123.00
(E) Adjusting Rod 20-0099-0343-*	\$31.90

Screw Kit 20-0040-0534-*	\$29.20

^{* =} specify finish

^{** =} not sold separately. Part of hook-up box assembly

**Hook-up Box Chassis	
**Hook-up Board **Board	D)

Slider Assembly (not visible) 20-0099-0337-500	\$76.00
(B) Channel (for 99-626) 20-0099-0608-*	\$390.00
(B) Channel (for 99-826) 20-0099-0609-*	\$390.00
(C) Detector 20-0099-0610-500	\$209.00
(D) Hook-Up Box Assembly (for 99-626) 20-0099-0606-* (24V) 20-0099-0607-* (120V)	\$275.00
(D) Hook-Up Box Assembly (for 99-826) 20-0099-0602-* (24V) 20-0099-0603-* (120V)	\$223.00
(E) Arm Bracket & Tube 20-0099-0516-*	\$123.00
(F) Adjusting Rod 20-0099-0343-*	\$31.90

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ĺ	Screw Kit 20-0040-0534-*	\$29.20

^{* =} specify finish

^{** =} not sold separately. Part of hook-up box assembly

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