Door Controls



NORTON RIXSON

Price List

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For special application needs, please contact Technical Product Support at 877-974-2255

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Experience a safer

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Product Support at 877-974-2255.





SERVICE CENTER BUSINESS HOURS

Norton Rixson 3000 Highway 74 E. Monroe, NC 28112

Customer Service, Technical Support Tel: 877-974-2255 Fax: 800-338-0965 (CS only)

Hours of Operation 8:00 a.m. - 4:30 p.m. (Eastern) ASSA ABLOY Door Security Solutions Canada Customer Service – Vaughan 160 Four Valley Drive Vaughan ON L4K 4T9 Tel: (800) 461-3007 Fax: (800) 461-8989

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

HOLIDAY AND INVENTORY SCHEDULE*

Norton Rixson will be CLOSED on the following dates:

USA

January 3: New Year's Day April 15: Good Friday May 30: Memorial Day July 4: Independence Day September 5: Labor Day November 24, 25: Thanksgiving December 23, 26: Christmas

October 28, 29 (Inventory)

Customer Service and Technical Support will be available during inventory.

Canada

January 1: New Year's Day February 21: Family day April 15: Good Friday May 23: Victoria Day July 1: Canada Day August 1: Civic Holiday September 5: Labour Day October 10: Thanksgiving Day December 25: Christmas Day December 26: Boxing Day

ORDERING TIPS

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

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

Check all acknowledgements for accuracy.

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

^{*} Dates subject to change



ASSA ABLOY CONNECT

Manage every aspect of your ASSA ABLOY account all in one place — https://connect.assaabloy.com (login & new user registration)

Orders

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

Billing and Credit

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

Online Orders:

- · Online order entry
- ASSA ABLOY FLASHship™ webshop

Project Management

- · Consolidated quotes
- Projects
- · Keying consultation

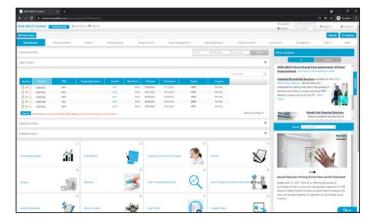
Sales and Reporting

- Monthly sales
- · Sales program reporting

Other Important Info

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





WEBSITE

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

Catalogs

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



Terms and Conditions

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

ACCEPTANCE

Norton Rixson reserves the right to decline an order, in whole or in part, when the type or quantity of goods or credit worthiness of the Purchaser is not satisfactory to us in our sole and absolute discretion. Purchase Orders, Quote Requests, Acknowledgements or the like issued by the Purchaser that have contrary standard terms and conditions are not binding on Norton Rixson, unless such terms and conditions are approved in a separate written agreement by Norton Rixson authorized representatives. In the event of an acceptance of Purchaser's Purchase Order by Norton Rixson, the Purchaser agrees that such acceptance is solely conditioned on Purchaser's acceptance of the terms and conditions set forth in this instrument, regardless of the terms and conditions specified in Purchaser's Purchase Order. The terms and conditions in Purchaser's Purchase Order which conflict with the terms and conditions of this instrument shall be disregarded and are hereby rejected, and this instrument shall constitute the entire agreement between Norton Rixson and the Purchaser.

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

PRICES

All prices are subject to change without notice and are not guaranteed. All shipments will be made at prices in effect at the time of shipment.

Possession of this price list does not constitute an agreement to sell. We reserve the right to correct clerical, stenographic and other obvious errors at any time.

TERMS

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

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

FREIGHT

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

Customer orders with net product value in excess of \$7,000.00 will be shipped prepaid by Norton Rixson's carrier of choice to a single destination point in the United States. Orders for Norton Rixson goods can be combined on one purchase order to meet the \$7,000.00 minimum value for prepaid shipping.

Customer orders with net product value less than \$7,000.00 will be shipped prepaid by Norton Rixson's carrier of choice and freight and handling charges will be added to the Customer's invoice.

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

For orders with net product value greater than \$600.00 and less than \$7,000.00, freight charges will be calculated as a percentage of the net invoice value and will be added to Customer's invoice. The percentage is based on the National U.S. Average On Highway Diesel Fuel Prices as reported by the US Department of Energy in effect at the beginning of each quarter. On the first Monday of each quarter, the new rate will be published on the Norton Rixson and Door Security Solutions extranet and will go into effect on the 2nd Monday of the quarter. Please refer to the Norton Rixson distributor extranet for the rate chart and information on the current freight charge percentage. The percentage in effect at the time of shipment of the order will be charged.

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

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

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

MINIMUM ORDER

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

Terms and Conditions

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QUOTATIONS

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

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

The quote is null and void if the Purchase Order does not include **ALL** product lines listed on the quote or if the quantities for any item covered by the quote deviate by **10%** or more.

With the issuance and acceptance of a quote for the purchase of products, the Purchaser agrees that products so purchased will not be resold or transferred to any Distributor not authorized by Norton Rixson to sell its products. This would be inclusive of branches of the quoted Distributor. Failure to abide by this restriction may result in the Distributor's ineligibility for Quotations, or other actions in Norton Rixson's discretion.

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

NON-CATALOGED PRODUCTS

Products not cataloged or listed in this price book will be considered as special products, and will not be manufactured without prior written approval from Norton Rixson.

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

CHANGES/CANCELLATION OF ORDERS

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

All Non-Cataloged Goods and Norton Rixson Quick Ship Orders may not be changed or cancelled.

All change requests for goods, other than for the reasons stated above, must be submitted in writing to Customer Service within two (2) business days of receipt of acknowledgment of the order.

ADD-ON ORDERS TO QUOTE

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

PACKAGING

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

DELIVERY

Orders will be acknowledged and given a scheduled delivery date based on estimated manufacturing lead times. Complete information is required to process all orders. Orders with insufficient information for processing (i.e. door sizes, handing, etc.) may be subject to extended lead times which are relative to the time required in obtaining the necessary information for order processing. Manufacturing lead time will begin once all information is received to process an order. Norton Rixson will use reasonable efforts to deliver products as estimated, but makes no guarantees as to delivery dates.

Norton Rixson will not be liable for back charges incurred based on availability of product or as a result of delays in delivery caused by insufficient information required to process an order.

Norton Rixson will not be held responsible for delays in delivery caused by strikes, fires, floods or any other causes beyond our control, including the delivery of material to us. Under no circumstances shall Norton Rixson be liable or accountable for consequential damages due to failure of delivery.

CLAIMS

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

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

INVOICE DEDUCTION

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

USA & Canada Prices Effective September 19, 2022

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



Terms and Conditions

RETURNED GOODS

It is the policy of Norton Rixson to not accept returns of any materials that are correctly furnished as per the Distributor's Purchase Order. Return of product due to customer order error or accommodation must be prearranged with Norton Rixson and approved in writing by Sales Management.

No Returns accepted for the following: Specials, Anything Used, Discountinued, Modified, or Damaged Product, Electrical Products, Incomplete Products (e.g. arms, covers brackets, etc) or 10B Finished products.

All products returned as "Goodwill" must meet the following criteria to be considered a return:

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

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

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

No credit may be taken or issued prior to RGA approval and receipt of product. All defective goods within the terms of our limited warranty may be returned for credit or replacement.

TAXES

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

GOVERNING LAW

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

LIMITED WARRANTY

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

PRODUCT MODIFICATIONS

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

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

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

TECHNICAL INFORMATION AND ADVICE

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

RETROFITTING FIRE DOOR APPLICATIONS

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

DELAYED ORDER NOTIFICATIONS (DON'S)

The orders awaiting a response for a DON will be cancelled if no answer is received from the customer after 5 Days.



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

LIMITED WARRANTY

ASSA ABLOY Accessories and Door Controls Group, Inc. (the "Company") warrants that its products sold under the Norton Rixson trade name in the United States of America and Canada are free from defects in workmanship and materials under normal use and service.

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

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

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

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

Electromechanical Closers		
7100SZ, 7200, 7700PT	2 years	
0600, 0601, 0602, 0100, 0101	2 years	
4 Pull, 4 Push	2 years	
99-726, 99-926	2 years	
Low Energy Operators		
6300, 6200, 6000, 5800, 5700, 5500	2 years	
5600	1 year	
Electromagnetic Door Holder/Releases	2 years	
Checkmate® Stops & Holders 2 years		
Pivots & Pivot Sets 2 years		
Thresholds 2 years		

^{*} Closers must be manufactured after May 1, 2021. (Closers manufactured from April 2013 until April 2021 = 25 year warranty; prior to April 2013 = 10 year warranty)

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 Norton Rixson 3000 Highway 74 E., Monroe, NC 28112, and should include your name and address, an identification of the product or component part and a brief description of the defect. Upon receipt of such notice, the Company will inform you where to ship such product or component part, shipping charges prepaid, for examination and, in the event such examination reveals defect covered by this warranty, the product will be repaired or replaced.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. TO THE EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS WARRANTY. ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

USA & Canada Prices Effective September 19, 2022

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

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

Finishes and Fasteners

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

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

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

600 special rust inhibiting prime coat	\$46.00	
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Notes

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

ADDITIONAL PLATING CHARGES	
Series 7500, 8501, 9500, 9540	
Arm	Add \$412.00
*Cover (Metal)	Add \$283.00
Drop Plates	Add \$248.00
Sex Nuts	Add \$38.00
Soffit Plates	Add \$126.00
Series 1600BC, 1601	
Arm	Add \$412.00
Series 7900, 7970	
Arm	Add \$412.00
Dress Plates	Add \$412.00

SPECIAL FINISHES:

Contact factory for availability of any non-standard sprayed or powder coat finishes

All products (except Low Energy Operators): · 50 piece minimum order required · Additional charge per item will be added to net/net charge	Net add \$50.00 per item
Low Energy Operators: Additional charge per item will be added to net/net charge.	Net add \$500.00 per item

[~] Orders for less than 50 pieces (all products except operators) must be approved by Business Development.

ASSA ABLOY

Finishes and Fasteners

DOOR CLOSER PAINT (PRICE PER CAN)

(12 cans per carton)

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1A	Aluminum Spray Paint (689)	
2BZ	Light Bronze Spray Paint (691)	
5S	Dark Bronze (STAT) Spray Paint (690)	\$46.00
6SB	Gold Spray Paint (696)	
7BSP	Black Suede Spray Paint (BSP)	

LEAD LINED METAL COVER	ADD \$232.00
GROMMET NUTS : Suffix "TBGN" to model number. Ordered with closer - PKG of 4 each	N/C
SEX NUTS: Bolts excluded Ordered with surface closer - Sprayed Steel - PKG of 4 each Ordered with surface closer - Stainless Steel - PKG of 4 each Ordered with closer for 2-1/4" thick doors	ADD \$2.00 ADD \$121.00 ADD \$72.00
Torx® TOOL KIT #20-0040-0868-005 Includes one handle/driver and six bits; T10, T15, T20, T25, T27 and T30 Note: Furnished no charge with first 30 closers. Another kit furnished with each additional 52 closers.	ADD \$235.00

¹See page 56 for packages.





78-B/F SERIES (4 per case)

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (613E, 689, 690, 691 693, 694, 696, BSP, WSP)	
78B/D-RA	Dogular Arm			
78E/F-RA	Regular Arm		φ1.Γ.(0.00	
78B/D-PA	Down Hol Awar		\$1,549.00	
78E/F-PA	Parallel Arm			
78B/D-DA*	Dalayard Action (Dagular Arms Coly)	10	φ1.coc.oo	
78E/F-DA*	Delayed Action (Regular Arm Only)		\$1,605.00	
78B/D-PRA	Daniel Divid Ama		¢1 550 00	
78E/F-PRA	Parallel Rigid Arm		\$1,579.00	
^UNI78B/D		17	\$1.0FC.00	
^UNI78E/F	Unitrol® Arm	13	\$1,876.00	

HOLD OPEN

78B/D-PRHA	Darallal Digid Hold Open Arm	77	¢1.CE2.00	
78E/F-PRHA	Parallel Rigid Hold Open Arm	11	\$1,652.00	
^UNI78B/D-H	Lipitrol® Lipid Oraca Arras	17	¢1,002,00	
^UNI78E/F-H	Unitrol® Hold Open Arm	13	\$1,992.00	

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



BACKPLATES AND DROP PLATES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (613E, 689, 690, 691, 693, 694, 696, BSP, WSP)
88	Parallel Arm Drop Plate	\$144.00
9-B		
9-B/C	Adaptor Plate	\$135.00
9-E/F		

ACCESSORIES

1-B/F	Soffit Bracket	\$234.00
2-B/F		
5-B/F	Corner Bracket	\$247.00
6-B/F	Adjustable Bracket	
7-B/F	Offset Adjustable Bracket	\$359.00
8-B/F	Combination Bracket	\$247.00
*1618	Standard Soffit Plate, Non-Hold Open	\$41.90
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	φ <u>το</u> 00
*2018D	Blade/Applied Stop Soffit Plate	\$58.90
*2018S	Extra-Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$43.60
^2019S	Standard Spacer Block	\$13.50
*2022	Flush Transom Angle Bracket	
*2403B		¢50.00
*2403-3/4	Molded/Bull Nose Trim Bracket	\$58.90
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$64.10
6191	Unitrol® Wide Frame Reinforcing Kit	\$80.50
6890	Narrow Frame Support Bracket	\$77.CO
6891	Clearance/Support Blade Stop	\$73.60

^{*}No charge when ordered with closer.

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

 $^{{\}scriptstyle \wedge}$ Furnished standard with NHO and HO heavy-duty arms (PRA, PRHA)

When ordering 6191 in place of 6190, no extra.





160 SERIES (6 per case)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690)
161BFxTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Non-Hold Open	6	\$251.00
161BFxOP2	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Non-Hold Open, Packed with Cover		\$280.00
164xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Size 4, Non-Hold Open		\$235.00
161BFxTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting), Adjustable size 1-4, Hold Open		\$311.00

ACCESSORIES

1	60P	Cover	\$24.00	
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210 SERIES (6[^] per case)

Adjustable spring sizes 1-6

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690)
210xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Non-Hold Open	C.F.	\$304.00
210xTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Hold Open	6.5	\$364.00
210xHDN	Heavy-Duty, Non-Hold Open Arm with Removable Stop	7.75	\$433.00
210xHDH	Heavy-Duty, Hold Open Thumbturn Arm with Removable Stop		\$472.00

[^] HDN, HDH - 4 per case

ACCESSORIES

210P	Cover	\$36.00
SP210	Screw pack (TPN arm)	\$15.00





410 SERIES (3 per case)

Adjustable spring sizes 1-6

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690)
410xTPN	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Non-Hold Open		\$534.00
410xTPH	Tri-Packed (Regular, Parallel, Top Jamb Mounting); Hold Open	ri-Packed (Regular, Parallel, Top Jamb Mounting); Hold Open 12	
410DAxTPN	Tri-Packed, Non-Hold Open, Delayed Action		\$590.00
410xHDN	Heavy-Duty, Non-Hold Open Arm with Removable Stop		\$607.00
410xHDH	Heavy-Duty, Hold Open Arm with Removable Stop		\$650.00
410xCPS	Heavy-Duty, Non-Hold Open Arm w/Removable Stop and Spring Buffer	14	\$774.00
410xCPST	Heavy-Duty, Hold Open Arm w/ Removable Stop and Spring Buffer		\$817.00

BACKPLATES AND DROP PLATES

410RDP	Narrow Frame Drop Plate (Regular Arm)	¢112.00
410PDP	Narrow Top Rail Drop Plate (Parallel Arm)	\$112.00

COVER

410COV	Cover	\$37.00
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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"		\$317.00	
1680BC	Regular Low Profile Arm	8		
P1680BC	Parallel Low Profile Arm			
PR1600BC	Parallel Rigid Arm		\$347.00	
CLP1600BC	CloserPlus® Arm	9	\$398.00	
CPS1600BC	CloserPlus Spring™ Arm		\$596.00	
^UNI1600BC	Unitrol® Door Control	10	\$644.00	
*UNIJ1600BC	Top Jamb, Unitrol® Door Control	10	\$701.00	
CA1600BC	Cushion Stop Arm	8	\$398.00	

HOLD OPEN

1600BCH	Regular, Parallel, Top Jamb to 3" Reveal	0	¢777.00
J1600BCH	Top Jamb Only, Reveals 2-3/4" to 6-3/4"	8	\$377.00
PR1600BCH	Parallel Rigid Arm (Handed)		\$420.00
CLP1600BCT	CloserPlus® Arm	9	\$475.00
CPS1600BCT	CloserPlus Spring™ Arm		\$674.00
^UNI1600BCH	Unitrol® Door Control	10	\$760.00
*UNIJ1600BCH	Top Jamb, Unitrol® Door Control	10	\$835.00

^{*}When Ordering Specify Reveal.

^When Ordering Specify Door Width.

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

OPTION

Р	Cover suffix "P" to model number	Add \$37.00
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Refer to page 10 for plating charges.



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	\$317.00
1681	Regular Low Profile Arm		
P1681	Parallel Low Profile Arm		
PR1601	Parallel Rigid Arm		\$347.00
CLP1601	CloserPlus® Arm	9	\$398.00
CPS1601	CloserPlus Spring™ Arm		\$596.00
^UNI1601	Unitrol® Door Control	10	\$644.00
*UNIJ1601	Top Jamb, Unitrol® Door Control	10	\$701.00
CA1601	Cushion Stop Arm	8	\$398.00

HOLD OPEN

1601H	Regular, Parallel, Top Jamb to 3" Reveal	8	\$377.00
J1601H	Top Jamb Only, Reveals 2-3/4" to 6-3/4"		
PR1601H	Parallel Rigid Arm (Handed)		\$420.00
CLP1601T	CloserPlus® Arm	9	\$475.00
CPS1601T	CloserPlus Spring™ Arm		\$674.00
^UNI1601H	Unitrol® Door Control	10	\$760.00
*UNIJ1601H	Top Jamb, Unitrol® Door Control		\$835.00

^{*}When Ordering Specify Reveal.

^When Ordering Specify Door Width.

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

OPTIONS

P Cover suffix "P" to list number	Add \$37.00
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Refer to page 10 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	\$801.00
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	\$801.00
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 \$37.00	
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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	\$55.00
1688C	Parallel Arm Drop Plate (used when optional cover is supplied)	
1699	Detución Adelestas Dete	\$69.00
2017	Retrofit Adaptor Plate	\$45.80

ACCESSORIES*

ACCESSORIES		
*1618A	Standard Soffit Plate, Non-Hold Open	\$35.00
1618A-SS	Stainless Steel Soffit Plate	\$87.30
*1628H	Standard Soffit Plate, Hold Open	\$35.00
1647	Corner Bracket	\$170.00
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	¢50.00
*2018D	Blade/Applied Stop Soffit Plate	\$58.90
*2018S	Extra Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$43.60
2022	Flush Transom Angle Bracket	\$58.90
^2019S	Standard Spacer Block	\$13.50
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$29.60
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$44.80
*2403B		
*2403-3/4	Molded/Bull Nose Trim Bracket	\$58.90
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$64.10
6191	Unitrol® Wide Frame Reinforcing Kit	\$80.50
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$142.20
6890	Narrow Frame Support Bracket	\$73.60
6891	Clearance/Support Blade Stop	
1600P	Plastic Cover	\$52.00
1639	Pinion Cap	\$7.10

^{*} 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	\$318.00
1700H	Regular, Parallel, Top Jamb, Hold Open	4	\$363.00

DROP PLATES

N1756, N1757, N1758	Drop Plates	\$103.00
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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		\$771.00
2800STH	Pull Side, Hold Open		\$807.00
PS2800ST	Push Side, Non-Hold Open	8	\$771.00
PS2800STH	Push Side, Hold Open		\$807.00

DROP PLATE AND RETROFIT PLATE

2888	Push Side, Drop Plate	\$65.00





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		\$682.00
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		фПС (O O
PS7500ST	Push Side Slide Track		\$764.00
PS7540ST	Push Side, Low Profile Slide Track		
PR7500	Parallel Rigid Arm		\$712.00
CLP7500	CloserPlus® Arm	14	\$763.00
CPS7500	CloserPlus Spring™ Arm		\$961.00
^UNI7500	Unitrol® Door Control	15	\$1,009.00
*UNIJ7500	Top Jamb, Unitrol® Door Control	15	\$1,066.00

^{*}When Ordering Specify Reveal.

[^]When Ordering Specify Door Width.

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

Refer to page 10 for plating charges.



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°)		\$742.00
JL7500H	Top Jamb Only, Reveals 2-3/4" to 6-3/4" (to 180°)		
7500STH	Pull Side Slide Track	13	¢010.00
7540STH	Pull Side, Low Profile Slide Track		
PS7500STH	Push Side Slide Track		\$819.00
PS7540STH	Push Side, Low Profile Slide Track		
PR7500H	Parallel Rigid Arm (Handed)		\$785.00
CLP7500R	CloserPlus Ramp™ Arm	7 /	¢0,40,00
CLP7500T	CloserPlus® Arm]4	\$840.00
CPS7500T	CloserPlus Spring™ Arm		\$1,039.00
^UNI7500H	Unitrol® Door Control	٦٢	\$1,125.00
*UNIJ7500H	Top Jamb, Unitrol® Door Control	15	\$1,200.00

^{*}When Ordering Specify Reveal.

Refer to page 10 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	\$1,425.00
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 \$56.00
PRO	Offset Soffit Plate prefix "PRO" to model number (N/A in Stainless Steel)	Add \$35.00
EBC	Enhanced Backcheck suffix "EBC" to model number	Add \$43.00
М	Metal Cover suffix "M" to model number (N/A in Stainless Steel)	Add \$22.00
G	ABS Plastic Cover suffix "G" to model number	Add \$5.00
MLL	Lead Lined Metal Cover	Add \$232.00
DE	Double Egress suffix "DE" to Slide Track model number (handed) hinge side only. (N/A in Stainless Steel)	Add \$130.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included (N/A in Stainless Steel) - See page 57 for Torx® screw packages.	Add \$59.00



ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE (689, 690, 691, 693, 694, 696, 613E, BSP, WSP)
*1618	Standard Soffit Plate, Non-Hold Open	\$41.90
1618A-SS	Stainless Steel Soffit Plate	\$87.30
*1628H	Standard Soffit Plate, Hold Open	\$35.00
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	\$58.90
*2018D	Blade/Applied Stop Soffit Plate	\$58.90
*2018S	Extra-Clearance Offset Soffit Plate	
~*2019L	Flush Rabbeted Transom Angle Bracket	\$43.60
~^2019S	Standard Spacer Block	\$13.50
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$29.60
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$44.80
*2022	Flush Transom Angle Bracket	
*2403B		\$58.90
*2403-3/4	Molded/Bull Nose Trim Bracket	φ30.90
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$64.10
6191	Unitrol® Wide Frame Reinforcing Kit	\$80.50
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$142.20
~6890	Narrow Frame Support Bracket	ф77.CO
~6891	Clearance/Support Blade Stop	\$73.60

^{*} No charge when ordered with closer.

When ordering 6191 in place of 6190, no extra.

~Also available with 7570 Security Closers. Refer to page 10 for plating charges.

COVERS

7700P	7500 Series Plastic Covers - Painted	\$51.00
7700PG	7500 Series ABS Plastic Covers - Painted	\$60.00
7700M	7500 Series Metal Covers - Painted	\$77.00
J7700M	J7500 Series Metal Covers - Painted (Handed)	
7700M	7500 Series Metal Covers - Plated	\$360.00
J7700M	J7500 Series Metal Covers - Plated (Handed)	

^{**} 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.



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	\$116.00
7788	Narrow Top Rail Drop Plate	
7789	Adapter Plate	
7790	Adaptor Plate for Converting 7404-5-6	
7797	Extra Drop Mounting Bracket	\$70 / OO
7798	Standard Drop Corner Bracket	\$304.00

RETROFIT PLATES

RP75-4040	Replaces LCN 4040	
RP75-4010	Replaces LCN 4010	\$111.00
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)
7706EP	Size 6 Spring x Extra Power		
7706EPSTP	Slider Arm Pocket Door x Extra Power	13	\$906.00
7706EPDLP	Double Lever Pocket Door x Extra Power		



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	\$928.00
PR7570	Parallel Rigid Arm		\$958.00
CLP7570	CloserPlus® Arm	12	\$1,009.00
CPS7570	CloserPlus Spring™ Arm		\$1,207.00
CLP7570T	CloserPlus® Arm w/ Thumbturn Hold Open		\$1,086.00
CPS7570T	CloserPlus Spring™ Arm w/ Thumbturn Hold Open	13	\$1,285.00
UNI7570	Unitrol® Arm		\$1,255.00
7570ST	Pull Side Slide Track	10	¢1,010,00
PS7570ST	Push Side Slide Track	12	\$1,010.00

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$56.00
EBC	Enhanced Backcheck suffix "EBC" to model number	Add \$43.00

SECURITY COVERS

7770MRR	Regular Arm, Right Hand	
7770MRL	Regular Arm, Left Hand	¢107.00
7770MPR	Parallel Arm, Right Hand	\$197.00
7770MPL	Parallel Arm, Left Hand	

DROP PLATES

7786	Narrow Frame	¢11C OO
7788	Narrow Top Rail	\$116.00

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

MULTI-SIZED 1-3 AND SIZE 4 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 1-3	2	¢107700
7904	Size 4 spring	12	\$1,043.00

HOLD OPEN

7900H	Multi-sized spring 1-3	12	¢1,007,00
7904H	Size 4 spring	12	\$1,097.00

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 1-3		¢1.277.00
7974	Size 4 spring	12	\$1,273.00
7970DPS	Door Position Switch, multi-sized spring 1-3		¢1./2/.00
7974DPS	Door Position Switch, size 4 spring		\$1,424.00

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 \$56.00
EBC	Enhanced BackCheck suffix "EBC" to model number	Add \$43.00
FB	Fire Block suffix FB to model number (available on 7900, 7970 and 7970DPS)	Add \$112.00

Note: Butts and Pivots not furnished. Specify "B", "CP", or "OP" when requesting templates. Refer to page 10 for plating charges.









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	\$457.00
P8101	Parallel Arm Application Only		
J8101	Top Jamb, Reveals 2-3/4" to 7" (to 150°)		
PR8101	Parallel Rigid Arm	9	\$487.00
8181	Regular Low Profile Arm	0	¢./57.00
P8181	Parallel Low Profile Arm	8	\$457.00

HOLD OPEN

8101H	Regular, Parallel, Top Jamb to 3" Reveal	0	ф <u>г</u> лд 0.0
J8101H	Top Jamb, Reveals 2-3/4" to 6-3/4" (to 150°)	8	\$517.00
PR8101H	Parallel Rigid Arm (Handed)	9	\$560.00

01 110115	51 110113		
DA	Delayed Action suffix "DA" to model number	Add \$56.00	
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$35.00	
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 57 for Torx® screw packages.	Add \$59.00	



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		\$518.00
J8301	Top Jamb, Reveals 2-3/4" to 7"		
8381	Regular Low Profile Arm		
P8381	Parallel Low Profile Arm	8	
8301ST	Pull Side Slide Track		\$600.00
8341ST	Pull Side, Low Profile Slide Track		
J8301ST	Top Jamb, Pull Side Slide Track		
PS8301ST	Push Side Slide Track		
PS8341ST	Push Side, Low Profile Slide Track		
PR8301	Parallel Rigid Arm		\$548.00
CLP8301	CloserPlus® Arm	9	\$599.00
CPS8301	CloserPlus Spring™ Arm		\$797.00
^UNI8301	Unitrol® Door Control	10	\$845.00
*UNIJ8301	Top Jamb, Unitrol® Door Control	10	\$902.00

^{*}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 \$56.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$35.00
DE	Double Egress suffix "DE" to Slide Track model number (handed) (hinge side only)	Add \$130.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 57 for Torx® screw packages.	Add \$59.00

[^]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		фгдо 00
J8301H	Top Jamb, Reveals 2-3/4" to 6-3/4"		\$578.00
8301STH	Pull Side Slide Track		
8341STH	Pull Side, Low Profile Slide Track	8	\$655.00
J8301STH	Top Jamb, Pull Side Slide Track		
PS8301STH	Push Side Slide Track		
PS8341STH	Push Side, Low Profile Slide Track		
PR8301H	Parallel Rigid Arm (Handed)		\$621.00
CLP8301R	CloserPlus Ramp™ Arm		¢575.00
CLP8301T	CloserPlus® Arm	9	\$676.00
CPS8301T	CloserPlus Spring™ Arm		\$875.00
^UNI8301H	Unitrol® Door Control	10	\$961.00
*UNIJ8301H	Top Jamb, Unitrol® Door Control	10	\$1,036.00

^{*}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 \$56.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$35.00
DE	Double Egress suffix "DE" to Slide Track model number (handed) (hinge side only)	Add \$130.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 57 for Torx® screw packages.	Add \$59.00

[^]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		\$499.00
J8501	Top Jamb, Reveals 2-3/4" to 7"		
8581	Regular Low Profile Arm		
P8581	Parallel Low Profile Arm	8	
8501ST	Pull Side Slide Track		
8541ST	Pull Side, Low Profile Slide Track		
J8501ST	Top Jamb, Pull Side Slide Track		\$581.00
PS8501ST	Push Side Slide Track		
PS8541ST	Push Side, Low Profile Slide Track		
PR8501	Parallel Rigid Arm		\$529.00
CLP8501	CloserPlus® Arm	9	\$580.00
CPS8501	CloserPlus Spring™ Arm		\$778.00
^UNI8501	Unitrol® Door Control	10	\$826.00
*UNIJ8501	Top Jamb, Unitrol® Door Control	10	\$883.00

^{*}When Ordering Specify Reveal.

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

Refer to page 10 for plating charges.

OPTIONS

DA	Delayed Action suffix "DA" to model number	Add \$56.00	
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$35.00	
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)		
AG	Plastic Architectural ABS Cover suffix "AG" to model number (painted only)	Add \$5.00	
М	Metal Cover suffix "M" to model number	A 1.1 to 00	
МА	Metal Architectural Cover suffix "MA" to model number (painted finishes)	Add \$9.00	
MLL	Lead Lined Metal Cover	Add \$232.00	
DE	Double Egress prefix "DE" to model number (handed)	Add \$130.00	
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 57 for Torx® screw packages.	Add \$59.00	

[^]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		¢550,00
J8501H	Top Jamb, Reveals 2-3/4" to 6-3/4"		\$559.00
8501STH	Pull Side Slide Track		
8541STH	Pull Side, Low Profile Slide Track	8	\$636.00
J8501STH	Top Jamb, Pull Side Slide Track		
PS8501STH	Push Side Slide Track		
PS8541STH	Push Side, Low Profile Slide Track		
PR8501H	Parallel Rigid Arm (Handed)		\$602.00
CLP8501R	CloserPlus Ramp™ Arm		¢6557.00
CLP8501T	CloserPlus® Arm	9	\$657.00
CPS8501T	CloserPlus Spring™ Arm		\$856.00
^UNI8501H	Unitrol® Door Control	10	\$942.00
*UNIJ8501H	Top Jamb, Unitrol® Door Control		\$1,017.00

^{*}When Ordering Specify Reveal.

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

Refer to page 10 for plating charges.

DA	Delayed Action suffix "DA" to model number	Add \$56.00
PRO	Offset Soffit Plate prefix "PRO" to model number	Add \$35.00
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)	
AG	Plastic Architectural ABS Cover suffix "AG" to model number (painted only)	Add \$5.00
М	Metal Cover suffix "M" to model number	
МА	Metal Architectural Cover suffix "MA" to model number (painted finishes)	Add \$9.00
MLL	Lead Lined Metal Cover	Add \$232.00
DE	Double Egress prefix "DE" to model number (handed)	Add \$130.00
R	Regular rigid heavy-duty arm prefix "R" to model number. Torx® screws not included. See page 57 for Torx® screw packages.	Add \$59.00

[^]When Ordering Specify Door Width.

J8501STH - 8146 Drop Plate included.



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	¢67.00
8158	Exposed-Back/Narrow Top Rail Drop Plate	\$67.00
8445	Molded Full Cover Decorative Backplate	
8446	Exposed-Back Drop Plate Kit	\$134.00
8545	Exposed-Back Backplate	\$67.00
8545A		\$80.00
8546		\$67.00
8546A	Concealed Door Holder Drop Plate	\$127.00
8547		
8547A	Low Ceiling Clearance/Overhead Door Holder Drop Plate	
8548		\$80.00
8548A	Exposed-Back/Narrow Top Rail Drop Plate	
8549		\$134.00
8549A		\$147.00

Refer to page 10 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	¢75.00
*1628H	Standard Soffit Plate, Hold Open	\$35.00
*2018	Soffit Bracket (Mounting Between Doors)	
*2018B	Narrow Frame/Removable Stop Soffit Plate	¢εο ο ο
*2018D	Blade/Applied Stop Soffit Plate	\$58.90
*2018S	Extra Clearance Offset Soffit Plate	
*2019L	Flush Rabbeted Transom Angle Bracket	\$43.60
^2019S	Standard Spacer Block	\$13.50
2019S-7/8	Spacer Block for use w/ 5/8" Stop and 1/4" Weatherstrip (PR, CLP, CPS only)	\$29.60
2019S-25	Spacer Block for Wide Soffit and 1/4" Weatherstrip (PR, CLP, CPS only)	\$44.80
*2022	Flush Transom Angle Bracket	
*2403B		ф <u>го</u> оо
*2403-3/4	Molded/Bull Nose Trim Bracket	\$58.90
80		
**6190	Unitrol® Soffit Plate Support Bracket	\$64.10
6191	Unitrol® Wide Frame Reinforcing Kit	\$80.50
6191B-25	Unitrol® Wide Frame Reinforcing for Wide Soffit and 1/4" Weatherstrip	\$142.20
6890	Narrow Frame Support Bracket	
6891	Clearance/Support Blade Stop	\$73.60

^{*}No charge when ordered with closer.

Refer to page 10 for plating charges.

COVERS

COVERS		
8200P	Plastic Slim-Line Cover	\$61.00
8200PG	ABS Plastic Slim-Line Cover	\$60.00
1639	Pinion Cap (used with Slim-Line Cover)	\$7.10
8400P	Plastic Full Cover	\$42.00
8400PG	ABS Plastic Full Cover	\$49.00
8400A	Optional Plastic Architectural Cover	\$42.00
8400AG	Optional Plastic Architectural ABS Cover	\$49.00
8400M	Metal Cover	\$51.00
8400M	When Ordered with Closer in Place of 8400P	\$9.00
8400MA	Optional Metal Architectural Cover	\$51.00
8400MA	When Ordered with Closer in Place of 8400P	\$9.00

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

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

When ordering 6191 in place of 6190, no extra.

NORTON RIXSON ASSA ABLOY

9300BC Closers and Accessories



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	De suden Ause		
9304BC	Regular Arm		\$77.4.00
P9303BC	Devellal Avec	6	\$334.00
P9304BC	Parallel Arm		
HOLD OPEN			
9303BCH	Dogular Hold Open Arm		
9304BCH	Regular Hold Open Arm	- 6	φ70 / 00
P9303BCH	Darallal Hald Open Arm		\$394.00
P9304BCH	Parallel Hold Open Arm		

NON-HOLD OPEN

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696)
9303BC x 9318A	Degular Arm w/ Darallal Bracket and Chan	6	¢7C0.00
9304BC x 9318A	Regular Arm w/ Parallel Bracket and Shoe	6	\$369.00
HOLD OPEN			
9303BCH x 9328H	Regular Hold Open Arm w/Parallel Bracket	6	\$394.00
9304BCH x 9328H	and Shoe	O	\$394.00

ACCESSORIES

9318A	Parallel Arm Bracket, Non-Hold Open	t75.00
9328H	Parallel Arm Bracket, Hold Open	\$35.00

DROP PLATE

9388	Drop Plate	\$55.00





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	14	\$748.00
9500ST	Pull Side Slide Track		\$830.00
PS9500ST	Push Side Slide Track		
PR9500	Parallel Rigid Arm	- - 15	\$778.00
PRO9500	Parallel Rigid Offset Arm		\$783.00
CLP9500	CloserPlus® Arm		\$829.00
R9500	Regular Rigid Arm		\$807.00
^UNI9500	Unitrol® Arm	16	\$1,075.00

HOLD OPEN

9500H	Regular, Parallel or Top Jamb to 3" Reveal	14	\$808.00
9500STH	Pull Side Slide Track		\$890.00
PS9500STH	Push Side Slide Track		
PR9500H	Parallel Rigid Arm (Handed)	15	\$838.00
PRO9500H	Parallel Rigid Offset Arm (Handed)		\$843.00
CLP9500T	CloserPlus® Arm		\$889.00
^UNI9500H	Unitrol® Arm	16	\$1,135.00

DA	Delayed Action suffix "DA" to model number	Add \$56.00
М	Metal Cover suffix "M" to model number	Add \$16.00

[^] When ordering specify door width. SNB furnished standard with ST, PR, CLP and UNI arms. Refer to page 10 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	\$112.00
9588	Narrow Top Rail Drop Plate for Parallel Arm or Push Side Track	

ACCESSORIES

9500-CMB	Closer Mounting Bracket	\$28.00
9500-MAB	Mortise Arm Bracket for Regular Arm Mounting	\$72.00
*9518	Parallel Arm Non-Hold Open Bracket	\$7.00
9528H	Parallel Arm Hold Open Bracket	\$56.00
9500-OB	Parallel Arm Offset Bracket	\$35.00
9500-PFTB	Parallel Arm Flush Transom Bracket	\$56.00
9500-RB	Reinforcing Bracket	\$50.00
9500-DRK	Deep Reveal Reinforcement Kit	\$68.00
9500-FPB	Flush Partition Bracket	\$47.00
9500-AB	Angle Support Bracket	\$56.00
9500-FTB	Flush Transom Bracket	\$34.00
9500-1/2SP	1/2" Blade Stop Spacer	\$33.00
9500-5/8SP	5/8" Blade Stop Spacer	\$59.00

^{*} No charge when ordered with closer. Refer to page 10 for plating charges.

COVERS

9500P	Plastic Cover - Painted	\$74.00	
9500COVM-L	Metal Cover - Painted (Left Hand)	¢02.00	
9500COVM-R	Metal Cover - Painted (Right Hand)	\$92.00	
9500COVM-L	Metal Cover - Plated (Left Hand)	¢207.00	
9500COVM-R	Metal Cover - Plated (Right Hand)	\$283.00	





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	\$727.00

OPTIONS

DA	Delayed Action suffix "DA" to Model Number	Add \$56.00
М	Metal Cover suffix "M" to Model Number; Specify Handing	Add \$16.00

DROP PLATES

9540-18	Regular Arm Application	
9540-18TJ	Top Jamb Application	\$105.00
9540-18PA	Parallel Arm Applications	

COVERS

9500P	Plastic Cover - Painted	\$74.00
9540M-1	Metal Cover, Right Hand Application, Painted	¢00.00
9540M-2	Metal Cover, Left Hand Application, Painted	\$96.00
9540M-1PL	Metal Cover, Right Hand Application, Plated	¢710.00
9540M-2PL	Metal Cover, Left Hand Application, Plated	\$310.00

ACCESSORIES

9540-CMB	Mounting Bracket	\$243.00
SP9540	Standard Screw Pack	\$65.00
SP9540SNB	Sex Nuts and Bolts (SNB) for 1-3/4" Door	\$24.00
SP9500COV	Cover Screw Pack	\$16.00

Refer to page 10 for plating charges.





MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689)
5511	Pull side mounting, slide track arm	10	¢2.000.00
5531	Push side mounting, double lever arm	18	\$2,606.00

Note: Canadian customers should use part numbers 5510 and 5530 when ordering and use the separate price page set up for Canada specifically for these 2 items.

ACCESSORIES

5500PWR	Power Supply	\$243.00
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COVER

5500COV Cover	\$133.00
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SLIDE TRACK ARMS (PULL SIDE)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPG. WGT. (lbs)	LIST PRICE (689, 690, BSP, WSP)
5610	Pull Side; Rigid Arm and Slide Track	20	\$2,231.00
5610-RF1	Radio Frequency; Rigid Arm and Slide Track (Power Supply Included)	20	\$2,393.00
DOUBLE LEV	ER ARMS (PUSH SIDE)		
5630	Push Side; Double Lever Arm	20	\$2,231.00
5630-RF1	Radio Frequency; Double Lever Arm (Power Supply Included)	20	\$2,393.00
KITS			
5610K1	5610 Operator with Onboard Power Supply and (1) 700 Touch Less Switch	20	\$2,511.00
5610K1-SC	5610 Operator with Onboard Power Supply, (1) 700 Touch Less Switch and (1) HES 5000C Strike (for Cylindrical Locks)	22	\$2,719.00
5610K1-SM	5610 Operator with Onboard Power Supply, (1) 700 Touch Less Switch and (1) HES 1006CLB Strike (for Mortise Locks)	22	\$3,235.00
5610K2	5610 Operator with (2) 700 Touch Less Switches		\$2,997.00
5610K3	5610 Operator with (2) ADA10109-2 switches, (2) 548 transmitters and (1) 539 receiver	20	\$2,869.00
5630K1	5630 Operator with Onboard Power Supply and (1) 700 Touch Less Switch		\$2,511.00
5630K1-SC	5630 Operator with Onboard Power Supply, (1) 700 Touch Less Switch and (1) HES 5000C Strike (for Cylindrical Locks)	22	\$2,719.00
5630K1-SM	5630 Operator with Onboard Power Supply, (1) 700 Touch Less Switch and (1) HES 1006CLB Strike (for Mortise Locks)	22	\$3,235.00
5630K2	5630 Operator with (2) 700 Touch Less Switches		\$2,997.00
5630K3	5630 Operator with (2) ADA10109-2 switches, (2) 548 transmitters and (1) 539 receiver	20	\$2,997.00
5610EX	5610RF Operator and (1) 536 Transmitter		\$2,556.00
5630EX	5630RF Operator and (1) 536 Transmitter		\$ <u>2,</u> 330.00
OPTIONS			

PC	Power Cord (suffix "PC" to model number)	Add \$30.00
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See pages 48-49 for Accessories.

USA & Canada Prices Effective September 19, 2022





SLIDE TRACK ARMS (PULL SIDE)

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)
5710	Pull Side, closer sizes 1-6		\$4,100.00
5710-RF1	Pull Side, Radio Frequency, closer sizes 1-6	20	\$4,262.00
5710DMY	Dummy unit, closer sizes 1-6		\$1,879.00

DOUBLE LEVER ARMS (PUSH SIDE)

5730	Push Side, closer sizes 1-6		\$4,100.00
5730-RF1	Push Side, Radio Frequency, closer size 1-6	20	\$4,262.00
5730DMY	Dummy unit, closer sizes 1-6		\$1,879.00

UNIVERSAL UNIT (INCLUDES PUSH OR PULL SIDE ARMS)

5740	Push or Pull Side, closer sizes 1-6	21	\$4,145.00
5740-RF1	Push or Pull Side, Radio Frequency, closer sizes 1-6	21	\$4,307.00

KITS

5740K2	Includes 5700 operator (configured for push applications), push & pull arms, power cord and (2) 700 Touch Less switches		\$4,915.00
5740K3	Includes 5700 operator (configured for push applications), push & pull arms, power cord, receiver, (2) push buttons and (2) transmitters	40	\$4,785.00

OPTIONS

PC	Power Cord (suffix "PC" to model number)	Add \$30.00
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See pages 48-49 for Accessories.





PRO

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIP WT (lbs)	LIST PRICE (693T, 689)
5831xNPB	Push Side, Narrow Push Buttons		\$4.424.00
5811xNPB	Pull Side, Narrow Push Buttons	20	\$4,424.00
5831xSQPB	Push Side, Square Push Buttons	20	¢ / / 01 00
5811xSQPB	Pull Side, Square Push Buttons		\$4,481.00

PRO PLUS

5833xNPB	Push Side, Narrow Push Buttons, ADA1015P Kit	20	¢ / F70 00
5813xNPB	Pull Side, Narrow Push Buttons, ADA1015P Kit		\$4,538.00
5833xSQPB	Push Side, Square Push Buttons, ADA1015P Kit		¢ / 505 00
5813xSQPB	Pull Side, Square Push Buttons, ADA1015P Kit		\$4,595.00

PRO COMPLETE

5845xNPB	Push or Pull Side, Narrow Push Buttons, ADA1015P Kit, Black and Aluminum Finish Covers	20 -	\$4,634.00
5845xSQPB	Push or Pull Side, Square Push Buttons, ADA1015P Kit, Black and Aluminum Finish Covers		\$4,691.00
5845xWTO	Push or Pull Side, Touchless Switch, ADA1015P Kit, Black and Aluminum Finish Covers		\$4,833.00
5845xWIM	Push or Pull Side, ADA1028, ADA1015C, Black and Aluminum Covers		\$4,942.00

PRO CUSTOM (WITHOUT PUSH BUTTONS)

5831xLPB	Operator, Push Side	20	¢ / 170 00
5811xLPB	Operator, Pull Side	20	\$4,139.00

NYC TRD (NEW YORK CITY - TRASH ROOM DOORS)

5839-NYW	Operator + Narrow Style Push Buttons, Push Side	25	\$7,837.00
5819-NYW	Operator + Narrow Style Push Buttons, Pull Side		

See page 50 for Accessories.



6000 Series Operator

ASSA ABLOY



6011 Shown

6000 SERIES - SINGLE DOORS

PULL SIDE MOUNTING

MODEL NO.	PRODUCT DESCRIPTION	COVER LENGTH	APPROX. SHIPPING WGT. (lbs)	LIST PRICE (689, 690, BSP, WSP)
6011	Slide Track Arm			\$7,605.00
6051R	Double Egress Arm, RH, Standard Duty to 110°	37-1/2"	39	¢7.000.00
6051L	Double Egress Arm, LH, Standard Duty to 110°			\$7,696.00

PUSH SIDE MOUNTING

6021	Double Lever Arm, Standard Duty to 110°			ф7,200,00
6031	Double Lever Arm, Standard Duty to 180°	70.1/011	70	\$7,299.00
6061	Double Lever Arm, H.D 2-1/4" to 4-3/4" Reveals	37-1/2"	39	фП СОБ ОО
6071	Double Lever Arm, H.D 4-13/16" to 7-3/8" Reveals			\$7,605.00

OPTIONS

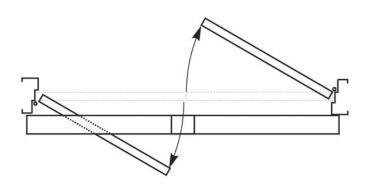
RF	Radio Frequency	Add \$162.00
Dì	Drop Plate; suffix D1 (36" width) or D2 (37" or wider) to model numbers 6021,	A alal #100 00
D2	6031, 6061, or 6071	Add \$180.00

See pages 48-49 for Accessories.

DUMMY UNITS

6011DMY	Includes (1) door closer mounted to the operator back plate; stardard operator cover shipped	37-1/2"		\$2,365.00
6021DMY 6031DMY				\$2,103.00
6050L-DMY			33	40.454.00
6051L-DMY				\$2,454.00
6061DMY				\$2,365.00
6071DMY				ψ2,505.00





6000 SERIES - DOUBLE EGRESS APPLICATIONS

SPECIFY LENGTH WHEN ORDERING

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)
D6001DEL-36	Pair of Left Hand Doors, 36", Pull Side	F0	\$10,514.00
D6001DER-36	Pair of Right Hand Doors, 36", Pull Side	78	

OPTIONS

RF	Radio Frequency	Add \$162.00
Wider	38", 40" and 42" Door Width (example D6001DEL-42)	Add \$69.00
Doors	44", 46" and 48" Door Width (example D6001DEL-48)	Add \$135.00

See pages 48-49 for Accessories.

6000 SERIES - DOUBLE EGRESS, DEEP REVEAL APPLICATIONS

(1 per case)

SPECIFY LENGTH WHEN ORDERING

MODEL NO.	PRODUCT DESCRIPTION	REVEALS	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)			
D6001DE1L-36	Pull Side, Left Hand	7.1/1011+- / 7//1	7 7/100 + - / 7//0	7 1/100 + - / 7//0	7 1/1011+- / 7//1		
D6001DE1R-36	Pull Side, Right Hand	3-1/16" to 4-3/4"	FO.	¢10.517.00			
D6001DE2L-36	Pull Side, Left Hand	/ 17/16 + 0 7	78	\$10,514.00			
D6001DE2R-36	Pull Side, Left Hand	4-13/16" to 7"					

OPTIONS

RF	Radio Frequency	Add \$162.00
) A C	38", 40" and 42" Door Width (example D6001DE1L-42)	Add \$69.00
Wider Doors	44", 46" and 48" Door Width (example D6001DE1L-48)	Add \$135.00

USA & Canada Prices Effective September 19, 2022





6000 SERIES - DOUBLE DOORS

PULL SIDE MOUNTING - SPECIFY LENGTH WHEN ORDERING

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)
D6011-36	Slide Track Arm	T.C	\$10,580.00
D6051-36	Double Egress Arm, Standard Duty to 110°	76	\$10,984.00

PUSH SIDE MOUNTING - SPECIFY LENGTH WHEN ORDERING

D6021-36	Double Lever Arm, Standard Duty to 110°	76	\$10,514.00
D6031-36	Double Lever Arm, Standard Duty to 180°		
D6061-36	Double Lever Arm, H.D 2-1/4" to 4-3/4" Reveals		¢10.500.00
D6071-36	Double Lever Arm, H.D 4-13/16" to 7-3/8" Reveals		\$10,580.00

OPTIONS

RF	Radio Frequency	Add \$162.00
D	Drop Plate suffix "D" to model number; D6021, D6031, D6061, D6071 series only	Add \$180.00
Wider	38", 40" and 42" Door Width (examples: D6011-42, D6061-42, etc.)	Add \$69.00
Doors	44", 46" and 48" Door Width (examples: D6051-48, D6071-48, etc.)	Add \$135.00

See pages 48-49 for Accessories.

DUMMY UNITS

D6011-36DMY			\$6,065.00
D6021-36DMY			\$6,000.00
D6031-36DMY	Includes: (1) operator plus (1) door closer mounted to the operator back plate;	67	\$6,000.00
D6051-36DMY	standard operator cover shipped	67	\$6,402.00
D6061-36DMY			
D6071-36DMY			\$6,065.00

OPTIONS

Wider	38", 40" and 42" Door Width (example: D6011-42DMY)	Add \$69.00
Doors	44", 46" and 48" Door Width (example: D6071-48DMY)	Add \$135.00

USA & Canada Prices Effective September 19, 2022





PULL SIDE

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP)	
6211	Standard Duty Arm & Slide Track	28	\$2,957.00	
PUSH SIDE				
6231	Double Lever Arm	28	\$2,957.00	
UNIVERSAL (PUSH AND PULL)				
6241	Standard Duty Arm & Slide Track and Double Lever Arm	28	\$3,007.00	

See pages 48-49 for Accessories.

Experience a safer and more open world





PULL SIDE

MODEL NO.	PRODUCT DESCRIPTION	OVERALL LENGTH	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, BSP, WSP)	
6311	Divid Area 9 Clide Track	37-3/8"		¢c 1c7 00	
6312	Rigid Arm & Slide Track	39-5/8"		\$5,153.00	
6351R	Double Egress Arm, Right Hand	77 7 /01	20		
6351L	Double Egress Arm, Left Hand	37-3/8"	28	¢Γ 22 / 00	
6352R	Double Egress Arm, Right Hand	70 F/01		\$5,224.00	
6352L	Double Egress Arm, Left Hand	39-5/8"			
	,				

PUSH SIDE

6	331	D 11 1	37-3/8"	28	¢5357.00
16	332	Double Lever Arm	39-5/8"	28	\$5,153.00

UNIVERSAL (PUSH AND PULL)

6341	Rigid Arm & Slide Track	37-3/8"	20	φ ₅ 20 / 00
6342	and Double Lever Arms Included	39-5/8"	28	\$5,284.00

KITS

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIP WT (lbs)	LIST PRICE (689, 690, BSP, WSP)
6341K2	Includes Operator, Push and Pull Arms and		\$6,051.00
6342K2	(2) 700 Touch Less Switches		Ψο,οοι.οο
6341K3	Includes Operator, Push and Pull Arms,	33	4
6342K3	(2) ADA1019-2 switches, (2) 548 transmitters and (1) receiver		\$5,923.00

Note: Models 6312, 6332, 6342 and 6352 cannot be used on pairs of 36" doors.

See pages 48-49 for Accessories.



5500, 5600, 5700, 6000, 6200, 6300 Accessories

ACCESSORIES

MODEL N	IO. PRODUCT DESCRIPTION	LIST PRICE	
501	Door Switch - 4-1/2" sq., Stainless/black letters		
502	Door Switch - 4-1/2" sq., Blue/white letters, ADA symbol	\$237.00	
671	Door Switch - 4-1/2" sq x ADA alter. symbol, Hard Wired		
672	Door Switch - 4-1/2" sq x ADA alter. symbol, RF	\$376.00	
505	Door Switch - 6" sq., Stainless/blue letters, ADA symbol, Hard Wired	\$228.00	
531	Door Switch - 6" sq., Stainless/blue letters, ADA symbol, RF	\$376.00	
507	Door Switch - 6" sq., Stainless/blue letters, Hard Wired	\$228.00	
532	Door Switch - 6" sq., Stainless/blue letters, RF	\$376.00	
506	Door Switch - 6" round, Stainless/blue letters, ADA symbol, Hard Wired	\$228.00	
533	Door Switch - 6" round, Stainless/blue letters, ADA symbol, RF	\$376.00	
534	Door Switch - 6" round, Stainless/blue letters, Hard Wired	\$237.00	
535	Door Switch - 6" round, Stainless/blue letters, RF	\$376.00	
503	Door Switch - 1-1/2"x 4-3/4", Stainless/blue letters	\$183.00	
504	Vestibule Switches - 1-1/2"x 4-3/4", Stainless/blue letters	\$392.00	
575	Restroom Kit	\$383.00	
542	4-1/2" square surface mount box only for 501, 502	\$76.00	
555	6" square surface mount box only for 505, 507	\$07.00	
557	6" round surface mount box only for 506, 534	\$93.00	
559	Narrow Jamb Surface Mount Box for 503	φ _Ε 0.00	
685	Surface Mount Box for 673	\$58.00	
686	Surface Mount Box for 674	\$62.00	
673	Touch Less Switch (Microwave Technology), Single Gang	\$564.00	
674	Touch Less Switch (Microwave Technology), Double Gang	\$591.00	
767	Touch Less Switch (Battery Operated), Single Gang	\$175.00	
768	Touch Less Switch (Battery Operated), Double Gang	\$203.00	
700	Touch Less Switch - width: 2-3/4" (single), 4-1/2" (double)	\$608.00	
704	Narrow Touch Less Wall Switch (Fits 1-3/4" Jamb)	\$523.00	
536	Handheld Transmitter (One Button), 433 MHz	\$163.00	
538	Handheld Transmitter (Two Button), 433 MHz	\$207.00	
540	Handheld Transmitter (One Button), 900 MHz	\$126.00	
578	Handheld Transmitter (Two Button), 900 MHz	\$148.00	
539	Radio Frequency Receiver, 433 MHz	\$192.00	
537	Radio Frequency Receiver, 900 MHz	\$142.00	
663	Motion Sensor	\$837.00	
530	Switch Post, RF Transmitter 433MHz (5500, 5700, 6000, 6200, 6300 Series)	\$1,232.00	

5500, 5600, 5700, 6000, 6200, 6300 Accessories

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
530Post	Post Only (5500, 5700, 6000, 6200, 6300 Series)	\$923.00
500	Switch Post, Hard Wired (5500, 5700, 6000, 6200, 6300 Series), Specify 689 or 690 finish	\$1,090.00
638	Low Profile Push Plate - 36" x 6", RF (433MHz)	\$1,517.00
639	Low Profile Push Plate - 36" x 6", Hard Wired	\$1,355.00
548	Radio Frequency Transmitter, 9V, 433 MHz	\$177.00
546	Radio Frequency Transmitter, 900 MHz	\$126.00
586	Retrofit Transmitter, 900 MHz	\$131.00
5900EXPKG	Executive Package (5700, 6200, 6300 Series)	\$323.00
585	Presence Sensor (6000, 6200, 6300 Series)	\$774.00
523	Safety Sensor (6000, 6200, 6300 Series)	\$2,190.00
564	Package Includes (1) ADA1019-1 Switch, (1) 548 Transmitter and (1) 539 Receiver	\$601.00
565	Package Includes (2) ADA1019-1 Switches, (2) 548 Transmitters and (1) 539 Receiver	\$1,014.00
767K1	Package Includes (1) 767 Switch, (1) 546 Transmitter and (1) 537 Receiver	\$443.00
767K2	Package Includes (2) 767 Switches, (2) 546 Transmitters and (1) 537 Receiver	\$745.00
596-36	Sensor for 36" Door (6000, 6200, 6300 Series)	\$858.00
596-42	Sensor for 42" Door (6000, 6200, 6300 Series)	\$923.00
596-48	Sensor for 48" Door (6000, 6200, 6300 Series)	\$1,167.00
679	Operational Signs	\$58.00
682	Signage Vit	¢0.00
681	Signage Kit	\$9.00



ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
ADA1001	Door Arm Assembly	\$289.00
4DA1006	Operator Mounting Bracket With Covers	\$137.00
4DA1009	Mounting Hardware for Aluminum, Wood, and Hollow Metal	\$139.00
4DA1002	Operator Dress Cover Black Finish	
4DA1004	Operator Dress Cover Aluminum Finish	\$192.00
4DA1005P	Electronic Control Kit - Setup and PC Board - PRO Series	
ADA1005WP	Electronic Control Kit for PRO Setup and PC Board (White Board)	
ADA1005NY	Electronic Control Kit - Setup and PC Board - NYC-TRD Series	\$761.00
ADA1005WN	Electronic Control Kit for NYC-TRD Setup and PC Board (White Board)	
ADA1010P	Operator Body - Non Handed - EL-CNTL Included - Pro Series (direct replacement of former part # 1010L and 1010R)	\$4,295.00
ADA1010NY	Operator Body - Non Handed - EL-CNTL Included - NYC-TRD Series	. ,
ADA1007P	Battery Assembly - PRO Series (replaces part 1007)	\$295.00
ADA1023	External Battery Charger Kit	¢701.00
ADA1015P	Hardwire Kit - Transformer, Armored Door Cord, 50' of Cable	\$391.00
ADA1014	Decal Pack	\$99.00
ADA1026	Bottom Cover with Two Screws	\$93.00
4DA1008	Wireless Pushbutton Transmitter (circuit board only)	\$146.00
ADA1022	Kit to Convert SPDT Switch to DPDT Switch	\$114.00
ADA1025	Multi-Purpose Timer Module	\$235.00
ADA1012-1	1-3/4" (4.5 cm) Pushbutton Assembly - w/o RF Transmitter	\$192.00
ADA1012-2	1-3/4" Pushbutton Assembly - with RF Transmitter	¢200.00
ADA1019-1	4-1/2" (11.4 cm) Square Pushbutton w/o RF Transmitter	\$289.00
ADA1019-2	4-1/2" Square Pushbutton Assembly w/ RF Transmitter	\$387.00
NDA1019-2A	Qty 2 @ 4-1/2" Square Pushbutton w/ RF Transmitter	\$670.00
ADA1019-3	4-1/2" Square Pushbutton Assembly w/ DPDT Switch, w/o RF Transmitter	\$364.00
NDA1019-4	4-1/2" Square Pushbutton Assembly , DPDT Switch, w/ RF Transmitter	\$449.00
ADA1028W	Wireless Interface Module	\$570.00
ADA1031	Hand Held RF Transmitter	\$295.00
ADA1024	Kit to Convert to a Push Side	\$281.00
ADA1021	Kit to Convert to a Pull Side	\$252.00
ADA1027FL	Occupancy Sensor (NYC-TRD only)	\$814.00
ADA1015C	Door Cord WIM	\$481.00
ADA102SP	24VDC Power Supply, WIM, and Mounted Sensor	\$1,819.00
700	Touch Less Switch - width: 2-3/4" (single), 4-1/2" (double)	\$608.00
704	Narrow Touch Less Wall Switch (Fits 1-3/4" Jamb)	\$523.00





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)		
7120SZ	Push Side; Double Lever Arm - 11" Main Arm (specify spring size 2, 3, 4 or 5)	16	\$2,026.00
7130SZ	Push Side; Double Lever Arm - 13-1/2" Main Arm (specify spring size 2, 3, 4 or 5)	16	
7150SZ	Pull Side; Double Egress Arm and Slide Track (specify spring size 3, 4 or 5)		\$2,137.00

OPTIONS

DZ	Unit Supplied with Secondary Sensor (for opposite side of door)	Add \$810.00	l
D 2	To the supplied with secondary seriour (for opposite side of door)	, / taa qoro.oo ,	ı

DROP ANGLE BRACKET

7100DAB	Drop Angle Bracket	¢00.00
7100DAB-180	Drop Angle Bracket, 180°	\$90.00



7200 Electromechanical **Closers**



7200 SERIES

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)
7210MPSO	Support Unit - Selective	16	\$2,148.00
7210RFS	Executive™ Dr. Holder/Release - Selective	16	\$3,050.00

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

7220MPSO	Support Unit - Selective	16	\$2,148.00
7220RFS	Executive™ Dr. Holder/Release - Selective	16	\$3,050.00

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

7230MPSO	Support Unit - Selective	16	\$2,148.00
7230RFS	Executive™ Dr. Holder/Release - Selective	16	\$3,050.00

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

7240MPSO	Support Unit - Selective	16	\$2,217.00
7240RFS	Executive™ Dr. Holder/Release - Selective	16	\$3,119.00

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)
7250MPSO	Support Unit - Selective	16	\$2,278.00
7250RFS	Executive™ Dr. Holder/Release - Selective	16	\$3,180.00

OVERHEAD CONCEALED - Specify Size 4 thru 6

7290MPS	Support Unit - Selective	16	\$2,047.00
7290RFS	Executive™ Dr. Holder/Release - Selective	16	\$2,904.00

DROP ANGLE BRACKETS

7100DAB	Drop Angle Bracket	¢00.00
7100DAB-180	Drop Angle Bracket, 180°	\$90.00





POWER TRACK® CLOSER-HOLDERS

MODEL NO.	PRODUCT DESCRIPTION	APPROX. SHIPPING WEIGHT (lbs)	LIST PRICE (689, 690, 691, 693, 694, 696, BSP, WSP)
7705PTO	Support Unit, Hinge Side	77	¢1 Ε10 00
P7705PTO	Support Unit, Stop Side		\$1,519.00

OPTION

DE Double Egress Arms suffix "DE" to model number (hinge side or Handed.	y). Add \$130.00
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DOOR CLOSER BODIES ONLY

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1601LAP	1601 Door Closer Body	40 (7.00
160XBCLAP	1603BC, 1604BC Door Closer Bodies	\$243.00
1601SSLAP	1601SS Door Closer Body	\$504.00
170XLAP	1703/1704 Door Closer Bodies	\$248.00
7500LAP	7500 Door Closer Body	\$534.00
7500SSLAP	7500SS Corrosion Resistant Door Closer Body	\$1,063.00
78B/DLAP*	78 Door Closer Body - Size 2/4	
78E/FLAP*	78 Door Closer Body - Size 5/6	\$1,202.00
8101LAP	8101, 8301, 8501 Door Closer Bodies	\$376.00
930XBCLAP	9303BC, 9304BC Door Closer Bodies	\$203.00
9500LAP	9500 Door Closer Body	\$634.00
790XLAP	7900 Door Closer Bodies	\$620.00
797XLAP	7970 Security Door Closer Bodies	\$808.00
797XDPSLAP	7970DPS Security Door Closer Bodies	\$1,148.00

OPTION

DA	Delayed Action suffix "DA" to model number	Add \$56.00
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[&]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	\$8.20*	
SN-214	Sex Nuts Only 2-1/4" Door	\$92.00*	
SNB134-38	Sex Nuts and Bolts 1-3/4" Door - 1600, 8000 Series Closer	¢25.20*	
SNB200-38	Sex Nuts and Bolts 2" Door - 1600, 8000 Series Closer	\$25.20*	
SNB214-38	Sex Nuts and Bolts 2-1/4" Door - 1600, 8000 Series Closer	\$127.00*	
SNB134-47	Sex Nuts and Bolts 1-3/4" Door - 7500 Series Closer	¢25.20*	
SNB200-47	Sex Nuts and Bolts 2" Door - 7500 Series Closer	\$25.20*	
SNB214-47	Sex Nuts and Bolts 2-1/4" Door - 7500 Series Closer	\$127.00*	
SN-134SS	Stainless Steel Sex Nuts Only for 1-3/4" Door	\$121.00	
SNB134SS-38	Stainless Steel Sex Nuts and Bolts for 1-3/4" Door - 1600BCSS or 1601SS Series	ф12F 00	
SNB134SS-47	Stainless Steel Sex Nuts and Bolts for 1-3/4" Door - 7500SS Series	\$127.00	
SP9500	Standard Screw Package - 9500 Series Closer	ф17.FO	
SP9500SN	Standard Screw Package (includes Sex Nuts) - 9500 Series Closer	\$17.50	
SP9500SNB	Sex Nuts and Bolts 1-3/4" door - 9500 Series Closer	\$23.20*	
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	\$18.40	
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 \$38.00 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	¢60.00
TX47	Torx® Screw Pack - 7500 Series	\$68.00
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	\$54.00
UNITX95	Torx® Screw Pack - 9500 Series, Unitrol® Arm	
TXTK95	Torx® Screw Pack - 9500 Series, Tracks	
TX6700M	Torx® Screw Pack - 6000 Operator Cover	\$34.00

Note: Torx Tool Kit see page 12.

ASSA ABLOY

Arms and Arm Assemblies

1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-1	Regular Arm Assembly, Non-Hold Open	\$131.00
7701-1M	Main Arm Assembly	\$71.00
7701-111	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Shoe	\$116.00
7701-11	Rod and Shoe Assembly	\$50.00
7701-1A	J Top Jamb Arm Assembly, Non-Hold Open	\$131.00
7701-1M	Main Arm Assembly	\$71.00
7701-121	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Shoe	\$116.00
7701-11A	Rod and Shoe Assembly	\$50.00
7701-1B	JL Top Jamb Arm Assembly, Non-Hold Open	\$131.00
7701-2M	Main Arm Assembly	\$71.00
7701-131	Secondary Arm Assembly	\$76.00
7701-2W	Arm Assembly Less Rod and Shoe	\$116.00
7701-11B	Rod and Shoe Assembly	\$50.00
*7701-5	Parallel Arm Assembly w/ 1618 Soffit Plate, Non-Hold Open	\$131.00
7701-1M	Main Arm Assembly	\$71.00
*7701-115	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$116.00
*7701-15	Rod and 1618 Soffit Plate Assembly	\$50.00
**7701-5A	Parallel Arm Assembly w/ 1618 Soffit Plate, Non-Hold Open	\$131.00
7701-1M	Main Arm Assembly	\$71.00
**7701-115A	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$116.00
**7701-15A	Rod and 1618 Soffit Plate Assembly	\$50.00

^{*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	\$131.00
7701-1M	Main Arm Assembly	\$71.00
*7701-116	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Soffit Plate	\$116.00
*7701-16	Rod and 1618A Soffit Plate Assembly	\$50.00
*7701-6A	Parallel Arm Assembly w/ 1618A Soffit Plate, Non-Hold Open	\$131.00
7701-1M	Main Arm Assembly	\$71.00
**7701-116A	Secondary Arm Assembly	\$76.00
7701-1W	Arm Assembly Less Rod and Shoe	\$116.00
**7701-16A	Rod and Shoe Assembly	\$50.00
7701-3	Regular Arm Assembly, Hold Open	\$191.00
7701-1M	Main Arm Assembly	\$71.00
7701-113	Secondary Arm Assembly	\$120.00
7701-3W	Main Arm and Rod Less Holder Shoe Assembly	\$116.00
7701-13	Holder Shoe and Loop Assembly	\$75.00
7701-31	Adjusting Arm Assembly	\$24.50
7701-3A	J Top Jamb Arm Assembly, Hold Open	\$191.00
7701-1M	Main Arm Assembly	\$71.00
7701-123	Secondary Arm Assembly	\$120.00
7701-3WA	Main Arm and Rod Assembly	\$116.00
7701-13	Holder Shoe Assembly	\$75.00
7701-31A	Adjusting Arm Assembly	\$24.50
7701-3B	JL Top Jamb Arm Assembly, Hold Open	\$191.00
7701-2M	Main Arm Assembly	\$71.00
7701-133	Secondary Arm Assembly	\$120.00
7701-3WB	Main Arm and Rod Less Holder Shoe Assembly	\$116.00
7701-13	Holder Shoe Assembly	\$75.00
7701-31B	Adjusting Arm Assembly	\$24.50
7701-8	Parallel Arm Assembly, Hold Open	\$191.00
7701-1M	Main Arm Assembly	\$71.00
7701-118	Secondary Arm Assembly w/ 1628H Soffit	\$120.00
7701-3W	Main Arm and Rod Assembly	\$116.00
7701-13	Holder Shoe and Loop Assembly w/ 1628H Soffit Plate	\$75.00
7701-31	Adjusting Rod Assembly	\$24.50

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

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

RIXSON ASSA ABLOY

Arms and Arm Assemblies

1600BC, 1601, 7500, 8000, 9300BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-25	Tri-Style® Package w/ 1618 soffit (7500 series)	ф171 00
7701-26	Tri-Style® Package w/ 1618A soffit (all other series)	\$131.00
7701-AS	Arm Shoe Assembly	\$28.40
7701-ES	Elbow Screw and Washer Assembly	\$11.50
7701-HSS	Set Screw Hold Open Arm	\$10.90
7701-HS	Hex Screw for adjusting arm and washer	\$1.50
7701-MAS	Main Arm Screw	\$10.90
138x142	Arm Shoe Sleeve Nut and Screw	\$7.10

9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
9501-1	Regular Arm Assembly, Non-Hold Open	\$131.00	
9501-1W	Main arm & tube assembly	\$63.00	
9501-11	Rod & shoe assembly	\$24.50	
9500-HS	Hex screw package	\$9.40	
9501-1B	Top Jamb Deep Reveal Arm Assembly, Non-Hold Open	\$86.80	
9501-2W	Main arm & arm tube assy	\$63.00	
9501-11B	Rod & shoe assembly	\$21.00	
9501-5	Parallel Arm Assembly w 9518 Bracket, Non-Hold Open	\$108.00	
9501-3	Regular Arm Assembly, Hold Open	\$194.00	
9501-1W	Main arm & rod assembly	\$63.00	
9501-13	Hold open bracket assembly	\$88.00	
9501-3B	Top Jamb Deep Reveal Arm Assembly, Hold Open	\$138.00	
9501-3WB	Main arm & rod assy	\$63.00	
9501-3W	Main arm & rod assy		
9501-8	Parallel Arm Assembly w 9528H Bracket, Hold Open	\$201.00	

9540

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
9541-1	Regular and Top Jamb Arm (reveals up to 2-9/16")	\$131.00
9541-5	Parallel Arm	\$108.00
9541-1A	Top Jamb Arm (Deep Reveals 2-9/16" to 4-13/16")	tos 00
9541-1B	Top Jamb (Deep Reveals 4-13/16" to 8")	\$86.00
9548	Parallel Arm Non-Hold Open Bracket	\$99.00
95ASW	Main Arm Screw & Washer	\$9.00



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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7780-1	Regular Arm, Low Profile Assembly, Non-Hold Open	\$131.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$116.00
7780-1TS	Tube and Shoe Assembly	\$50.00
7780-5	Parallel Arm, Low Profile Assembly w/ 1618 Soffit, Non-Hold Open	\$131.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$116.00
7780-5TS	Tube and Soffit 1618 Assembly	\$50.00
7780-6	Parallel Arm, Low Profile Assembly w/ 1618A Soffit, Non-Hold Open	\$131.00
7780-1MR	Main Arm and Adjusting Rod Assembly	\$116.00
7780-6TS	Tube and Shoe/Soffit Rod Assembly (1618A)	\$50.00
7780-25	Low Profile, Non-Hold Open Tri-Style® Assembly (7581)	ф171 OO
7780-26	Low Profile, Non-Hold Open Tri-Style® Assembly (1680BC, 1681, 8081)	\$131.00
7701-AS	Arm Shoe Assembly	\$28.40
7701-HSS	Hold Open Set Screw	\$10.90
7701-HS	Hex Screw	\$1.50
7701-ES	Screw and Washer Assembly	\$11.50

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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1543R	Jackscrew - Right Hand	¢17.70
1543L	Jackscrew - Left Hand	\$17.30
455	Locknut (holder loop to bracket)	\$16.00
1554	Friction Disc (holder loop)	\$9.70
7701-HW	Hold Open Wrench	\$9.40

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)	\$228.00
6750R-8	CloserPlus Ramp™ Arm assembly, Hold Open (7500, 8000)	4=7.4.0.0
6870T-8	CloserPlus® Arm Assembly, Hold Open (1600BC, 1601, 7500, 8000)	\$314.00
6770P	Hole Plug (CLP or CPS Arms)	¢15.70
6770S	Removable Stop	\$15.70
CPS6770-5	CloserPlus® Spring™ Arm Assembly, Non-Hold Open (1600BC, 1601, 7500, 8000)	\$445.00
CPS6870T-8	CloserPlus® Spring™ Arm Assembly, Hold Open (1600BC, 1601, 7500, 8000)	\$533.00
CPSK6770	CloserPlus® Spring™ Kit (1600BC, 1601, 7500, 8000)	\$186.00
9770-5	CloserPlus® Arm, Non-Hold Open (9500 Only)	\$158.00
9870T-8	CloserPlus® Arm, Hold Open (9500 Only)	\$230.00

CUSHION STOP ARM 1600BC, 1601BC

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701-CA	Cushion Stop Arm Complete Assembly	\$219.00
CAK7701	Cushion Stop Arm Kit	\$54.20
6620-12	Cushion Stop Arm Adjustment Tube & Shoe	\$199.00
7701-HS	Cushion Stop Arm Hex Screw	\$1.50

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Arms and Arm Assemblies

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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
R7701-1	Regular Rigid Arm (7500, 8000 Only)	\$200.00
PR7701-5	Parallel Rigid Arm, Non-Hold Open (1600BC, 1601, 7500, 8000)	\$170.00
PR7701-8R	Parallel Rigid Arm, Hold Open, Right Hand (1600BC, 1601, 7500, 8000)	¢272.00
PR7701-8L	Parallel Rigid Arm, Hold Open, Left Hand (1600BC, 1601, 7500, 8000)	\$232.00
PRO7701-5	Parallel Rigid Arm w/ Offset Soffit Plate, Non-Hold Open (7500, 8000 Only)	\$204.00
PRO7701-8R	Parallel Rigid Arm w/ Offset Soffit Plate, Hold Open, Right Hand (7500, 8000 Only)	\$237.00
PRO7701-8L	Parallel Rigid Arm w/ Offset Soffit Plate, Hold Open, Left Hand (7500, 8000 Only)	
R9501-1	Regular Rigid Arm (9500 Only)	\$200.00
PR9501-5	Parallel Rigid Arm, Non-Hold Open (9500 Only)	\$200.00
PR9501-8R	Parallel Rigid Arm, Friction Hold Open, Right Hand (9500 Only)	\$197.00
PR9501-8L	Parallel Rigid Arm, Friction Hold Open, Left Hand (9500 Only)	
PRO9501-5	Parallel Rigid Arm w/Offset Soffit Plate, Non-Hold Open (9500 Only)	\$191.00
PRO9501-8R	Parallel Rigid Arm w/Offset Soffit Plate, Hold Open, Right Hand (9500 Only)	¢21C 00
PRO9501-8L	Parallel Rigid Arm w/Offset Soffit Plate, Hold Open, Left Hand (9500 Only)	\$216.00

ARM ASSEMBLIES - 1700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1700-1	Arm Assembly, Non-Hold Open	\$85.00
1700-3	Arm Assembly, Hold Open	\$132.00

STAINLESS STEEL ARMS - 1601SS, 7500SS

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
7701SS-1	Regular Arm Assembly (SS), Non-Hold Open	\$502.00	
7701SS-1M	Main Arm Assembly (SS)	\$250.00	
7701SS-111	Secondary Arm Assembly (SS)	\$258.00	
7701SS-1A	J Top Jamb Arm Assembly, Non-Hold Open	\$502.00	
7701SS-1M	Main Arm Assembly (SS)	¢250.00	
7701SS-121	Secondary Arm Assembly (SS)	\$258.00	
^7701SS-6	Parallel Arm Assembly (SS), Non-Hold Open	\$502.00	
7701SS-1M	Main Arm Assembly (SS)	¢250.00	
^7701SS-116	Secondary Arm Assembly (SS)	\$258.00	
7701SS-AS	Arm Shoe Assembly	\$68.00	
7701SS-ES	Screw and Washer Assembly	\$13.00	

^{^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	\$286.00
*7771-5	Parallel Rigid Arm Assembly, Non-Hold Open	\$316.00
*CLP7771-5	CloserPlus® Arm Assembly, Non-Hold Open	\$367.00
*CLP7771-8T	CloserPlus® Arm Assembly, Hold Open	\$444.00
*CPS7771-5	CloserPlus Spring™ Arm Assembly, Non-Hold Open	\$565.00
*CPS7771-8T	CloserPlus Spring™ Arm Assembly, Hold Open	\$643.00
*7771ST-1A	Slide Track - Arm Only	\$184.00
*7771ST-1T	Pull Side Slide Track Assembly, Non-Hold Open	t72 / 00
*7771ST-5T	Push Side Slide Track Assembly, Non-Hold Open	\$324.00
7740SLD	Assembly Pack	\$125.00

^{*}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"	\$501.00
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"	\$633.00
6100-4	Arm Assembly, Hold Open, Door Width 42" to 48"	

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"	\$501.00
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"	\$501.00
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"	\$633.00
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"	\$501.00
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"	\$633.00
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"	\$557.00
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"	\$710.00
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	\$251.00
7701ST-1T180	Pull Side Slide Track Assembly, Non-Hold Open 180°	
7701ST-3T	Pull Side Slide Track Assembly, Hold Open	\$377.00
7701ST-8T	Push Side Slide Track Assembly, Hold Open	\$377.00
7701ST-1A	Arm Assembly (all except STP)	\$177.00
7701STP-1A	Arm Assembly (STP only)	\$137.00
7700STEC	End Cap (2 required)	\$9.70
7700SLD	Slider Assembly	\$132.00
7700ASR	Retaining Ring	\$4.50
7700AS	Arm Stud	\$9.20
7700ASC	Arm Stud Clip	\$11.90
7701PT-DE-1R	Double Egress Arm Assembly, Right Hand	¢251.00
7701PT-DE-1L	Double Egress Arm Assembly, Left Hand	\$251.00
7701ST-1ATR	Double Egress Arm Tube Assembly, Right Hand	¢102.00
7701ST-1ATL	Double Egress Arm Tube Assembly, Left Hand	\$182.00
7701ST-1AT	Arm Tube Assembly (all except STP)	
7701ST-1AR	Adjusting Rod Assembly (all units)	\$73.00
7701STP-1AT	Arm Tube Assembly (STP only)	
7700ALAS	Arm Length Adjusting Screw	\$8.80



Slide Track Assemblies and Parts

LOW PROFILE SLIDE TRACKS - 7540, 8041, 8051

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7740ST-1T	Pull Side Slide Track Assembly, Non-Hold Open	¢251.00
7740ST-5T	Push Side Slide Track Assembly, Non-Hold Open	\$251.00
7740ST-3T	Pull Side Slide Track Assembly, Hold Open	ф710 OO
7740ST-8T	Push Side Slide Track Assembly, Hold Open	\$318.00
7740ST-1A	Arm Assembly	\$137.00
7740SLD	Slider Assembly, Non-Hold Open	\$125.00
7740HSLD	Slider Assembly, Hold Open	\$182.00
7701ST-1AT	Arm Tube Assembly	ф77.00
7740ST-1AR	Adjusting Rod Assembly	\$73.00

SLIDE TRACKS ASSEMBLIES & PARTS - 9500

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
9501ST-1T	Pull Side Track (Non-Hold Open)	¢251.00
9501ST-5T	Push Side Track and Arm Assembly (Non-Hold Open)	\$251.00
9501ST-3T	Pull Side Track (Hold Open)	ф 7 ГГ 0 0
9501ST-8T	Push Side Track and Arm Assembly (Hold Open)	\$377.00
9501ST-1A	Push or Pull Side Arm (Non-Hold Open or Hold Open)	\$137.00

ARM ASSEMBLIES - 78-B/F

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
B/F-1	Regular Arm Assembly, Non-Hold Open	\$131.00
B/F-1M	Main Arm	\$71.00
B/F-1W	Main Arm Less Rod and Shoe	\$116.00
B/F-11	Rod and Shoe	\$50.00
B/F-5	Parallel Arm Assembly, Non-Hold Open	\$131.00
B/F-1M	Main Arm	\$71.00
B/F-5W	Main Arm Less Rod and Soffit Plate	\$116.00
B/F-15	Rod and Soffit Plate	\$50.00
78PRA-5	Parallel Rigid Arm Assembly, Non-Hold Open	\$217.00
78PRA-8R	Parallel Rigid Arm Assembly, Hold Open (Right Hand)	\$277.00
78PRA-8L	Parallel Rigid Arm Assembly, Hold Open (Left Hand)	\$234.00
7701-HS	Hex Screw and Washer Assembly	\$1.50
7701-HSS	Square Head Set Screw	\$10.90
7701-ES	Elbow Screw	\$11.50

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Arm Assemblies and Parts

PARTS - 78-B/F

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
24BD	B/D Spring	\$199.00
56EF	E/F Spring	\$222.00
1543R	Jackscrew - Right Hand	¢17.70
1543L	Jackscrew - Left Hand	\$17.30
455	Locknut	\$16.00
1554	Friction Disc	\$9.70
78-SW	Spanner Wrench	\$24.00

ARM ASSEMBLIES AND PARTS - 7900

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7900PK	Dress Plate Kit	\$117.00
7950-1L	Arm Assembly, Non-Hold Open, Left Hand	
7950-1R	Arm Assembly, Non-Hold Open, Right Hand	\$186.00
7950-3	Arm Assembly, Hold Open	
7950ST	Track Assembly, Non-Hold Open	\$334.00
7950STH	Track Assembly, Hold Open	
7900SLD	Non-Hold Open Slider	¢1/2.00
7950SLD	Hold Open Slider	\$142.00
7900SP	Complete Screw Pack	\$33.00
7950H	Hold Open Assembly	\$141.00

ARM ASSEMBLIES AND PARTS - 7970 SECURITY

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7970PK	Security Dress Plate Kit	\$129.00
7970-1L	Security Arm Assembly, Left Hand	¢102.00
7970-1R	Security Arm Assembly, Right Hand	\$192.00
7970ST	Security Track Assembly	\$345.00
7970SLD	Slider	\$142.00
7970SP	Complete Screw Pack	\$75.60
70TK	Torx® Tool Kit	\$235.00

SLIDE TRACK ASSEMBLIES AND PARTS - 2800ST

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
28ST-IT	Pull Side Slide Track & Arm Assembly, Non-Hold Open	\$251.00
28ST-3T	Pull Side Slide Track & Arm Assembly, Hold Open	\$377.00
28ST-5T	Push Side Slide Track & Arm Assembly, Non-Hold Open	\$251.00
28ST-8T	Push Side Slide Track & Arm Assembly, Hold Open	\$377.00
2800LAP	Closer Body Only	\$571.00
SP2800B	Closer Screw Pack	\$14.80
SP2800S	Spline Screw Pack	\$37.10
SP28T	Track Screw Pack	\$19.70
2800P	Plastic Cover	\$52.00
28STHO	Hold Open Assembly	\$62.10
28STPB	Stop Mount Track Angle Bracket	\$65.80

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MOTOR AND MAIN ARM ASSEMBLIES - 5600

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE	
5610M	Motor and Main Arm Assembly	\$1,503.00	
5630M	Motor, Main Arm and Tube Assembly		

PARTS - 5600

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
5600IN	Inverter	\$846.00
5700M	Motor Assembly	\$1,386.00
5600SP	Screw Pack	\$33.00
5600COV	Cover	\$133.00
5600PS	Power Supply	\$142.00
5700PC	Power Cord	\$30.00

ARM AND TRACK ASSEMBLIES -5500, 5700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
5710-1	Arm and Track Assembly (Pull) (5700)	\$398.00
7701ST-1A	Arm Assembly (5700)	\$137.00
7200-IT	Track Assembly (5700)	\$287.00
7110-1A	Arm Assembly (Pull) (5500)	\$218.00
7100-1T	Track Assembly (Pull) (5500)	\$287.00
7701-1A	Arm Assembly (Push) (5500/5700)	\$131.00
7701-1W	Main Arm & Rod (Push) (5500/5700)	\$116.00
7701-11A	Adjusting Tube & Shoe (Push) (5500/5700)	\$50.00

PARTS - 5700

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
1601LAP	Closer Body, Size 1-6	\$243.00
5700M	Motor Assembly	\$1,386.00
5700IN	Inverter	\$846.00
5700CVR	Cover	\$133.00
5700SW	On/Off Switch	\$7.90
5700RS	Reed Switch	\$28.00
5700PWS	RF Power Supply	\$142.00
5700PC	Power Cord	\$30.00



UNIT SUB-ASSEMBLIES - 6000

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6011LAP	Unit Sub-Assembly (6011, 6051)	¢7.0Π/.00
6021LAP	Unit Sub-Assembly (6021, 6031, 6061, 6071)	\$3,874.00

ARM AND TRACK ASSEMBLIES - 6000

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6610-1	Arm and Track Assembly (6010, 6011)	\$430.00
7210-1A	Arm Assembly	\$224.00
7200-1T	Track Assembly	\$287.00
6020-1	Arm Assembly (6020, 6021)	\$239.00
6020-1W	Main Arm and Rod	\$208.00
6620-12	Adjusting Tube and Shoe	\$199.00
6030-1	Arm Assembly (6030, 6031)	\$439.00
6030-1W	Main Arm and Rod	\$226.00
6620-12	Adjusting Tube and Shoe	\$199.00
6050-1L	Arm and Track Assembly , Left Hand (6050, 6051)	\$699.00
7250-1L	Arm Assembly Left Hand	\$487.00
7200-IT	Track Assembly	\$287.00
6050-1R	Arm and Track Assembly, Right Hand (6050, 6051)	\$699.00
7250-1R	Arm Assembly Right Hand	\$487.00
7200-1T	Track Assembly	\$287.00
6051-1L	Arm and Track Assembly - Deep Reveal (LH)	\$699.00
6051-11L	Arm Assembly - Deep Reveal (LH)	\$487.00
6051-1R	Arm and Track Assembly - Deep Reveal (RH)	\$699.00
6051-11R	Arm Assembly - Deep Reveal (RH)	\$487.00
6660-1	Arm Assembly (6060, 6061)	\$499.00
6660-11	Rod and Snubber Assembly	\$226.00
6670-1	Arm Assembly (6070, 6071)	\$499.00
6670-11	Rod and Snubber Assembly	\$226.00
6061-1	Unitrol® Arm Assembly (D6001DE)	\$439.00
6660-11	Rod and Snubber Assembly	\$226.00
6071-1	Unitrol® Arm Assembly (D6001DE1, D6001DE2) Double Egress, Deep Reveal	\$439.00
6070-1	Rod and Snubber Assembly	\$226.00



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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6001COV	Cover - Single	\$247.00
D6001COV-36	Cover - Double 36"	
D6001COV-38	Cover - Double 38"	
D6001COV-40	Cover - Double 40"	
D6001COV-42	Cover - Double 42"	\$306.00
D6001COV-44	Cover - Double 44"	
D6001COV-46	Cover - Double 46"	
D6001COV-48	Cover - Double 48"	
6001BP	Back Plate - Single	\$218.00
D6001BP-36-LH	Back Plate - Double 36" - Left Hand	
D6001BP-36-RH	Back Plate - Double 36" - Right Hand	
D6001BP-38-LH	Back Plate - Double 38" - Left Hand	\$275.00
D6001BP-38-RH	Back Plate - Double 38" - Right Hand	\$275.00
D6001BP-40-LH	Back Plate - Double 40" - Left Hand	
D6001BP-40-RH	Back Plate - Double 40" - Right Hand	
D6001BP-42-LH	Back Plate - Double 42" - Left Hand	
D6001BP-42-RH	Back Plate - Double 42" - Right Hand	
D6001BP-44-LH	Back Plate - Double 44" - Left Hand	47.44.00
D6001BP-44-RH	Back Plate - Double 44" - Right Hand	\$344.00
D6001BP-46-LH	Back Plate - Double 46" - Left Hand	
D6001BP-46-RH	Back Plate - Double 46" - Right Hand	
D6001BP-48-LH	Back Plate - Double 48" - Left Hand	¢ (75.00
D6001BP-48-RH	Back Plate - Double 48" - Right Hand	\$436.00
6001DAB	Drop Angle Bracket - Single 36"	t2/17.00
6001DAB2	Drop Angle Bracket - Single 38" and up	\$247.00
D6001DAB-36	Drop Angle Bracket - Double 36"	
D6001DAB-38	Drop Angle Bracket - Double 38"	\$269.00
D6001DAB-40	Drop Angle Bracket - Double 40"	
D6001DAB-42	Drop Angle Bracket - Double 42"	
D6001DAB-44	Drop Angle Bracket - Double 44"	\$307.00
D6001DAB-46	Drop Angle Bracket - Double 46"	
D6001DAB-48	Drop Angle Bracket - Double 48"	\$339.00
6011TAB-1	Pull Transom, Single 36"	
6011TAB-2	Pull Transom, Single 38" and up	
D6011TAB-36	Pull Transom Double 36"	\$247.00
D6011TAB-38	Pull Transom Double 38"	
D6011TAB-40	Pull Transom Double 40"	
D6011TAB-42	Pull Transom Double 42"	
D6011TAB-44	Pull Transom Double 44"	\$307.00
D6011TAB-46	Pull Transom Double 46"	



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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
D6011TAB-48	Pull Transom Double 48"	\$339.00
6021TAB-1	Push Transom Single 36"	
6021TAB-2	Push Transom Single 38" and up	
D6021TAB-36	Push Transom Double 36"	\$247.00
D6021TAB-38	Push Transom Double 38"	
D6021TAB-40	Push Transom Double 40"	
D6021TAB-42	Push Transom Double 42"	ф70700
D6021TAB-44	Push Transom Double 44"	\$307.00
D6021TAB-46	Push Transom Double 46"	\$307.00
D6021TAB-48	Push Transom Double 48"	\$339.00
6001PM	Power Module Sub-Assembly	\$1,171.00
6001ENLH	End Cap - Left Hand	¢01.00
6001ENRH	End Cap - Right Hand	\$81.00
6001U	Union - Single	\$280.00
D6001U	Union - Double	\$335.00
6001US	Union Spacer	\$19.00
6001CON	Conduit Assembly - Single	\$186.00
D6001CON	Conduit Assembly - Double	\$207.00
6000IN	Inverter	\$1,632.00
5700SW	On/Off Switch	\$7.90
6000CB	Circuit Breaker	\$56.90
6000SUP	Power Supply	\$280.00
7500LAP	7500 Closer Body	\$534.00
6000MS	Motor Support	\$175.00
6001SK	Shim Kit	\$37.00
6001SC-1	Screw Pack - Back Plate	\$21.00
6001SC-2	Screw Pack - Standard	\$60.00
D6001SYNC	Sync Cable	\$20.00



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

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6000IN	Inverter	\$1,632.00
H6000COV	Cover	\$247.00
5700SW	On/Off Switch	\$7.90
6000DAB	Drop Angle Bracket	\$200.00
6000DAB180	Drop Angle Bracket - 180° Swing	
6000CB	Circuit Breaker	\$56.90
6000SUP	Power Supply	\$280.00
6000SEC	Security Plate Pack	\$200.00
SP6000	Screw Pack	\$65.60

ARM AND TRACK ASSEMBLIES - 6200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6210-1	Arm and Track Assembly	\$430.00
6210-1W	Arm Assembly	\$224.00
7100-1T	Track Assembly	\$287.00
7701-5	Arm Assembly	\$131.00
7701-1M	Main Arm Assembly	\$71.00
7701-115	Secondary Arm Assembly	\$76.00

PARTS - 6200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6300END	End Cap Kit	\$373.00
6300SP	Screw Pack	\$74.70
6300COV2	Cover	\$247.00
6200CM	Power Supply/Board Assembly	\$1,396.00
6300CAB	Cable Kit	\$163.00

UNIT SUB-ASSEMBLIES - 6200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6200LAP	Pull or Push Sub-Assembly	\$2,245.00



ARM AND TRACK ASSEMBLIES - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6310-1	Arm and Track Assembly (6311, 6312)	\$430.00
6310-1W	Arm Assembly	\$224.00
7100-1T	Track Assembly	\$287.00
6330-1	Arm Assembly (6331, 6332)	\$439.00
6330-1W	Main Arm and Rod	\$226.00
6620-12	Adjusting Tube and Shoe	\$199.00
6350-1L	Double Egress Arm, Left Hand (6351, 6352)	\$699.00
6350-1LW	Arm Assembly, Left Hand	\$487.00
7100-1T	Track Assembly	\$287.00
6350-1R	Double Egress Arm, Right Hand (6351, 6352)	\$699.00
6350-1RW	Arm Assembly, Right Hand	\$487.00
7100-1T	Track Assembly	\$287.00

PARTS - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6300END	End Cap Kit	\$373.00
6300SP	Screw Pack	\$74.70
6300COV	Cover (6312, 6332, 6342, 6352)	\$247.00
6300CM	Power Supply/Board Assembly	\$1,475.00
6300CAB	Cable Kit	\$163.00
6300COV2	Cover (6311, 6331, 6341, 6351)	\$247.00

UNIT SUB-ASSEMBLIES - 6300

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
6300LAP	Pull or Push Sub-Assembly (All Models)	\$3,908.00



CLOSER BODIES - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
720XLAPS24L	Closer Body, 24V, Selective Hold Open, Left Hand	\$1,288.00
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)	\$287.00
7110-1A	Slide Arm (7110SZ)	\$224.00
7150-1R	Double Egress Arm - Right Hand (7150SZ)	¢ (07.00
7150-1L	Double Egress Arm - Left Hand (7150SZ)	\$487.00
7701-1A	Double Lever Arm (7120SZ)	¢171.00
7701-1B	Double Lever Arm (7130SZ)	\$131.00
7100SLD	Slider Assembly (part of slide track assembly)	\$132.00
7100CB	Cushion Block	\$92.00

COVERS - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100CL	Left Hand	¢550.00
7100CR	Right Hand	\$578.00

PARTS - SAFEZONE®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100SK	Sensor Kit	\$638.00
7100PS	Power Supply (120V only)	\$258.00
7100REM	Remote	\$85.00

7200 Electromechanical

CLOSER BODIES - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
720XLAPS24L	Closer/Holder Assembly, 24V, Left Hand	\$1,288.00
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	\$287.00
7110-1A	Slide Arm for 7210	\$224.00
7140-1A	Connected Free Swing Arm Assembly for 7240	\$354.00
7150-1R	Double Egress Arm, Right Hand for 7250	\$487.00
7150-1L	Double Egress Arm, Left Hand for 7250	
7701-1A	Double Lever Arm for 7220	ф171 OO
7701-1B	Double Lever Arm for 7230	\$131.00
7950-1L	Arm Assembly, Non-Hold Open, Left Hand - 7290	\$186.00
7950-1R	Arm Assembly, Non-Hold Open, Right Hand - 7290	
7950ST	Track Assembly, Non-Hold Open - 7290	\$334.00

SLIDE TRACK AND ARM PARTS - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7100CB	Cushion Block (part of slider assembly)	\$92.00
7240SP	Screw Pack for CFS Arm	\$130.00

PARTS - 7200

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
MPSOCOV	Cover (Support Unit)	\$174.00
SHOK	Selective Hold Open Switch Assembly 24V	\$154.00
SHO	Switch 24V	\$148.00



Power Track® Assemblies and Parts

TRACK ASSEMBLIES - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
PTO24	Hinge Side Track, Support, 24V	¢556.00
PPTO24	Stop Side Track, Support, 24V	\$556.00

Note: 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	\$132.00
7700ASC	Slider Arm Stud Clip (included in slider assembly)	\$11.90
7700STEC	Track Assembly End Cap	\$9.70
PT24SOL	Solenoid Block Assembly 24V	\$377.00

ARM ASSEMBLIES - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
7701ST-1A	Standard Arm Assembly	\$137.00
7701ST-1AT	Adjusting Head and Tube Assembly	¢77.00
7701ST-1AR	Adjusting Rod Assembly	\$73.00
7701PT-DE-1R	Double Egress Arm Assembly, Right Hand	¢251.00
7701PT-DE-1L	Double Egress Arm Assembly, Left Hand	\$251.00
7701ST-1ATR	Double Egress Adjusting Arm and Tube Assembly, Right Hand	¢102.00
7701ST-1ATL	Double Egress Adjusting Head and Tube Assembly, Left Hand	\$182.00
7700AS	Arm Stud	\$9.20
7700ASR	Retaining Ring	\$4.50
7700ALAS	Arm Length Adjusting Screw	\$8.80

HOOK-UP BOXES AND PARTS - POWER TRACK®

MODEL NO.	PRODUCT DESCRIPTION	LIST PRICE
PTOHB24	Hook-Up Box Support Unit, 24V, Hinge Side	¢/C0.00
РТОНВ120	Hook-Up Box Support Unit, 120V, Hinge Side	\$469.00
PPTOHB24	Hook-Up Box Support Unit, 24V, Stop Side	¢ / / ⊑ OO
РРТОНВ120	Hook-Up Box Support Unit, 120V, Stop Side	\$445.00
PTO125V	Fuse	\$25.50
PTOHBCOV	Hook-Up Box Cover Kit (includes cover and screws), Support Unit	\$93.00
PTOPCB24	Hook-Up Board, 24V, Support Units	\$219.00
PTOPCB120	Hook-Up Board, 120V, Support Units	
P7700PB	Push Side Hook-Up Box Plug Button	\$11.00
PT24SOL	Solenoid Block Assembly (24V)	\$377.00

Note: Specify finish on all hook-up boxes.



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 85.

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
	2711	2711 4 D	100	252050R*	274050R*	257000 DVC
	27N	27N LAP	180	252050L*	274050L*	253000-PKG
	\$2,334.00	\$1,588.00	\$305.00	\$161.00	\$146.00	\$134.00
	27S	27S LAP	180	252050R*	274750R*	257000 DVC
	273	2/5 LAP	180	252050L*	274750L*	253000-PKG
	\$2,493.00	\$1,747.00	\$305.00	\$161.00	\$146.00	\$134.00
	F27N (1)	27N LAP	F180	252050R*	274050R*	253000-PKG
		Z/N LAP	FIOU	252050L*	274050L*	
	\$2,743.00	\$1,588.00	\$714.00	\$161.00	\$146.00	\$134.00
	27-180N	27-180N LAP	180	252050R*	274050R*	253000-PKG
	27-10011	27-100IN LAP	100	252050L*	274050L*	253000-PKG
	\$2,518.00	\$1,772.00	\$305.00	\$161.00	\$146.00	\$134.00
	27-180A	27-180A LAP	180	252050R*	274050R*	257000 DVC
				252050L*	274050L*	253000-PKG
	\$2,677.00	\$1,931.00	\$305.00	\$161.00	\$146.00	\$134.00
			F180	252050R*	274050R*	253000-PKG
	F27-180N 🐠	27-180N LAP		252050L*	274050L*	
	\$2,927.00	\$1,772.00	\$714.00	\$161.00	\$146.00	\$134.00
	2051		10.0	652050R*	274050R*	057000 5140
	127N	127N LAP	180	652050L*	274050L*	253000-PKG
	\$2,439.00	\$1,575.00	\$305.00	\$279.00	\$146.00	\$134.00
	1056	3000 L A D	100	652050R*	274750R*	057000 DIVO
<u> </u>	1275	127S LAP	180	652050L*	274750L*	253000-PKG
	\$2,598.00	\$1,734.00	\$305.00	\$279.00	\$146.00	\$134.00
_ i *			E100	652050R*	274050R*	253000-PKG
	F127N 4	F127N 🕦 F127N LAP	F180	652050L*	274050L*	
	\$2,848.00	\$1,575.00	\$714.00	\$279.00	\$146.00	\$134.00

*Finish required, see page 86 N = Non-Hold open A = Automatic Hold Open S = Selective Hold Open LAP = Less All Parts



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 85.

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
	/2/7NI	2011 45	180 x 102	652050R*	274050R*	257000 DVC
	427N	28N LAP		652050L*	274050L*	253000-PKG
	\$2,587.00	\$1,575.00	\$453.00	\$279.00	\$146.00	\$134.00
	/255	205 45	100 100	652050R*	274750R*	253000-PKG
	427S	28S LAP	180 x 102	652050L*	274750L*	
	\$2,746.00	\$1,734.00	\$453.00	\$279.00	\$146.00	\$134.00

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
	2/11 x 1-1/203	2/11 LAF	1-1/2OS	252060L*	274050L*	233000-FRG
	\$2,667.00	\$1,588.00	\$551.00	\$248.00	\$146.00	\$134.00
	27S x (1)	200 1 4 0	180 x	252060R*	274750R*	257000 DVC
	1-1/2OS	27S LAP	1-1/2OS	252060L*	274750L*	253000-PKG
	\$2,826.00	\$1,747.00	\$551.00	\$248.00	\$146.00	\$134.00
	F27N x 1-1/2OS	27N LAP	F180 x	252060R*	274050R*	253000-PKG
			1-1/2OS	252060L*	274050L*	
	\$3,267.00	\$1,588.00	\$1,151.00	\$248.00	\$146.00	\$134.00
	27 x180N x	27100111.40	180 x	252060R*	274050R*	253000-PKG
	1-1/2OS	27 x 180N LAP	1-1/2OS	252060L	274050L*	
	\$2,851.00	\$1,772.00	\$551.00	\$248.00	\$146.00	\$134.00
	27-180A x 1-1/20S	27 x 180A LAP	180 x 1-1/20S	252060R* 252060L*	274050R* 274050L*	253000-pkg
	\$3,010.00	\$1,931.00	\$551.00	\$248.00	\$146.00	\$134.00
	F27-180N X 27 180N L A D	F180 x	252060R*	274050R*		
	1-1/2OS		1-1/2OS	252060L*	274050L*	253000-PKG
	\$3,451.00	\$1,772.00	\$1,151.00	\$248.00	\$146.00	\$134.00

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
	**F327N (h)	327N LAP	N/A	3252010-*	3274010R* 3274010L*	253000-PKG
1 1	\$2,463.00	\$1,704.00	N/A	\$479.00	\$146.00	\$134.00

*Finish required, see page 86

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*

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



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 85.

xtra Heav	vy Weight/D	uty/Lead L	<u>ined 1-3/4"</u>	Door	<u></u>	
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*	257001
	LZ/IN		LIOU	252051L*	274050L*	253001
	\$3,414.00	\$2,202.00	\$494.00	\$286.00	\$146.00	\$286.00
	1.270	1000110	1300	252051R*	274750R*	253001
	L27S	L27S LAP	L180	252051L*	274750L*	
	\$3,573.00	\$2,361.00	\$494.00	\$286.00	\$146.00	\$286.00
	FL27N (b)	L27N LAP	E1300	252051R*	274050R*	253001
<u></u>	FL27N 4		FL180	252051L*	274050L*	
	\$3,965.00	\$2,202.00	\$1,045.00	\$286.00	\$146.00	\$286.00
	1.27.1001		1.700	252051R*	274050R*	253001
	L27-180N	L27-180N LAP	L180	252051L*	274050L*	
	\$3,652.00	\$2,440.00	\$494.00	\$286.00	\$146.00	\$286.00
				252051R*	274050R*	
	L27-180A	L27-180A LAP	L180	252051L*	274050L*	253001
İ	\$3,811.00	\$2,599.00	\$494.00	\$286.00	\$146.00	\$286.00
				252051R*	274050R*	
	FL27-180N (L27-180N LAP	FL180	252051L*	274050L*	253001	
	\$4,203.00	\$2,440.00	\$1,045.00	\$286.00	\$146.00	\$286.00

Extra Heavy Weight/Duty/Lead Lined ALL OTHER DOOR THICKNESSES Complete Closer **LAP Specify Bottom** Top Floor Cement Model Specify Model, Model, Hand Pivot Pkg Arm Pkg Plate Pkg Case Pkg Hand and Degree and Degree 274050R* 2" 252052R* 2" 252052L* 2-1/4" 252053R* L180 x door 2-1/4" 252053L* L27N x door L27N LAP 253001 thickness thickness 2-1/2" 252054R* 274050L* 2-1/2" 252054L* 3" 252055R* 3" 252055L* \$3,935.00 \$2,202.00 \$746.00 \$555.00 \$146.00 \$286.00 274750R* L27S x door L180 x door L27S LAP 253001 See above thickness thickness 274750L* \$4,094.00 \$2,361.00 \$746.00 \$555.00 \$146.00 \$286.00 274050R* L27-180N x door L180 x door L27-180N LAP 253001 See above thickness thickness 274050L* \$4,173.00 \$2,440.00 \$746.00 \$555.00 \$146.00 \$286.00 274050R* _27-180A x door L180 x door L27-180A LAP See above 253001 thickness thickness 274050L* \$4,332.00 \$746.00 \$2,599.00 \$555.00 \$146.00 \$286.00

*Finish required, see page 86 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*

USA & Canada Prices Effective September 19, 2022



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 112.

Options on page 85.

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	
	Q=/			222050L*	294050L*	2000000	5	
	\$3,119.00	\$1,769.00	\$305.00	\$328.00	\$146.00	\$134.00	\$437.00	
	0000		100	222050R*	294750R*	257000 DIVO	M19	
	Q27S	Q27S LAP	180	222050L*	294750L*	253000-PKG		
	\$3,278.00	\$1,928.00	\$305.00	\$328.00	\$146.00	\$134.00	\$437.00	
	FQ27N (1)	00711145	F100	222050R*	294050R*	257000 DIVO	EM10	
		Q27N LAP	F180	222050L*	294050L*	253000-PKG	FM19	
	\$4,021.00	\$1,769.00	\$714.00	\$328.00	\$146.00	\$134.00	\$930.00	
	OT27N	02711140	100	222050R*	21/2	257000 DKC	1470	
	QT27N	Q27N LAP	180	222050L*	N/A	253000-PKG	M19	
	\$2,973.00	\$1,769.00	\$305.00	\$328.00	-	\$134.00	\$437.00	
	OTOTIC	0200140	100	222050R*	N1/A	257000 DIG	N 430	
	QT27S	Q27S LAP	180	222050L*	N/A	253000-PKG	M19	
	\$3,132.00	\$1,928.00	\$305.00	\$328.00	-	\$134.00	\$437.00	
	FOTOTAL®	02711145	E100	222050R*	N.1/A	257000 01/0	EN 430	
	FQT27N 🕦	Q27N LAP	F180	222050L*	N/A	253000-PKG	FM19	
	\$3,875.00	\$1,769.00	\$714.00	\$328.00	-	\$134.00	\$930.00	

Heavy We	<u> ight/Duty HM</u>	Door and	Frame Pre	ps		
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
(3 Each)	HM27N & 🍙	27N LAP	254545*-PK	222050R*HM	274050R*	253000-PKG
	HM27N & (1) FHM27N			222050L*HM	274050L*	
(3 Each)	\$3,047.00	\$1,588.00	\$851.00	\$328.00	\$146.00	\$134.00
	LINADITO	276 40	254545*-PK	222050R*HM	274750R*	253000-PKG
	HM27S	27S LAP		222050L*HM	274750L*	
	\$3,206.00	\$1,747.00	\$851.00	\$328.00	\$146.00	\$134.00

*Finish required, see page 86 N=Non Hold Open A=Automatic Hold Open S=Selective Hold Open Note: Buying program discount on <u>Pivots</u> applies when Pivots are ordered separately LAP = Less All Parts



Note that all fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 85.

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
			100	252050L*	204050L*	203000
	\$2,450.00	\$1,704.00	\$305.00	\$161.00	\$146.00	\$134.00
	520N (b)	20N LAP	F180	252050R*	204050R*	203000
	F20N (1)			252050L*	204050L*	
	\$2,859.00	\$1,704.00	\$714.00	\$161.00	\$146.00	\$134.00

*Finish required, see page 86 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



Options on page 85

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
60	28N x 554	28N LAP	340	282554	284020R* 284020L*	253000-PKG
	\$2,257.00	\$1,575.00	\$197.00	\$197.00	\$154.00	\$134.00
	28S x 554	28S LAP	340	282554	284720R* 284720L*	253000-PKG
	\$2,416.00	\$1,734.00	\$197.00	\$197.00	\$154.00	\$134.00
	28N	28N LAP	340	282026-*	284020R* 284020L*	253000-PKG
	\$2,257.00	\$1,575.00	\$197.00	\$197.00	\$154.00	\$134.00
	285	28S LAP	340	282026-*	284720R* 284720L*	253000-PKG
	\$2,416.00	\$1,734.00	\$197.00	\$197.00	\$154.00	\$134.00

*Finish required, see page 86 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



Options on page 85

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* 284020L*	253001
	\$3,821.00	\$1,833.00	\$650.00	\$898.00	\$154.00	\$286.00
	H28S	11206 1 4 5	H340 26202	262022	284720R*	253001
		H28S LAP		262022	284720L*	
	\$3,980.00	\$1,992.00	\$650.00	\$898.00	\$154.00	\$286.00
	112011507			0.005.05	284020R*	253001
	H28N x 587	H28N LAP	H340	262587	284020L*	
	\$3,821.00	\$1,833.00	\$650.00	\$898.00	\$154.00	\$286.00
9.9	11200 507		11770		284720R*	253001
	H28S x 587	H28S LAP	H340 262587	262587	284720L*	
	\$3,980.00	\$1,992.00	\$650.00	\$898.00	\$154.00	\$286.00

*Finish required, see page 86 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



Options on page 85

Patch Fittings/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
	328N	328N LAP	N/A	N/A	284020R*	253000-PKG
	32011	32011 13 (1	1 4/7 (14/7	284020L*	200001110
	\$1,863.00	\$1,575.00	-	-	\$154.00	\$134.00
	7200	328S 328S LAP N/A	N.1/A	N 1 / A	284720R*	253000-PKG
	3285		N/A	N/A	284720L*	
	\$2,022.00	\$1,734.00	_	_	\$154.00	\$134.00
	/201	(00)	F (0 (*D) (F.(05*D)(284020R*	253000-PKG
	428N	428N LAP	7494*PK	7495*PK	284020L*	
	\$2,725.00	\$1,575.00	\$424.00	\$438.00	\$154.00	\$134.00
	/206	(205 45	E/0/*D/	F (05*D)(284720R*	253000-PKG
	428S 42	428S LAP	7494*PK	7495*PK	284720L*	
	\$2,884.00	\$1,734.00	\$424.00	\$438.00	\$154.00	\$134.00

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
	EH28N	EH28N LAP	H340	262022	284020R* 284020L*	253001
	\$4,173.00	\$2,185.00	\$650.00	\$898.00	\$154.00	\$286.00
	EH28S	EH28S LAP	H340	262022	284720R* 284720L*	253001
	\$4,332.00	\$2,344.00	\$650.00	\$898.00	\$154.00	\$286.00
ф —	EH28N x 587	EH28N LAP	11770	262507	284020R*	253001
	EHZON X 307	EHZON LAP	H340	262587	284020L*	
8 9	\$4,173.00	\$2,185.00	\$650.00	\$898.00	\$154.00	\$286.00
	EH28S x 587	EH28S LAP	H340	262587	284720R*	253001
	L11203 X 307	LI IZOS LAP	11540	202307	284720L*	255001
<i>)</i>	\$4,332.00	\$2,344.00	\$650.00	\$898.00	\$154.00	\$286.00

*Finish required, see page 86 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



Options on page 85

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
	\$2,754.00	\$2,001.00	\$197.00	\$197.00	\$204.00	\$155.00
	30A	30A LAP	340	302026-*	304020-*	303000
	\$2,913.00	\$2,160.00	\$197.00	\$197.00	\$204.00	\$155.00
	40N	40N LAP	340	302026-*	404020-*	403000
	\$2,831.00	\$2,038.00	\$197.00	\$197.00	\$196.00	\$203.00
	40A	40A LAP	340	302026-*	404020-*	403000
	\$2,990.00	\$2,197.00	\$197.00	\$197.00	\$196.00	\$203.00

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
	\$5,308.00	\$3,361.00	\$650.00	\$898.00	\$196.00	\$203.00
Waiting:	H40A	H40A LAP	H340	262022	404020-*	403000
	\$5,467.00	\$3,520.00	\$650.00	\$898.00	\$196.00	\$203.00
	H40N X 587	H40N LAP	H340	262587	404020-*	403000
	\$5,308.00	\$3,361.00	\$650.00	\$898.00	\$196.00	\$203.00
	H40A X 587	H40A LAP	H340	262587	404020-*	403000
!	\$5,467.00	\$3,520.00	\$650.00	\$898.00	\$196.00	\$203.00

^{*}Finish required, see page 86 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

Ouick Reference Options -

Prefix	Description	Price
PH	Physically Handicapped 5 lbs. of opening force for ADA compliance for interior doors. If used on exterior or fire doors, the low opening force may not be enough to close the door. PH is also available in 8.5 lbs. of opening force. Suffix 8.5 lbs. when ordering. Rixson will not be responsible if exterior or fire doors will not completely close when PH products are supplied.	\$0.00
DA	Delayed Action holds door open at 70 degrees for up to 40 seconds. DA cannot be ordered with hold open closers. Not available in Models 30 and 40.	\$176.00
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.	\$196.00
W	Reinforcement bracket that protects door skin for center hung wood doors using arm 282026, 302026.	\$0.00

Suffix	Description	Price
Ext SpdI	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.	\$181.00
Torx	Security screws. Only provided for screws visible.	\$341.00
CWF	Cold weather fluid for temperatures consistently below 0 degrees.	\$79.00
-20	20 minute UL listing for smoke doors. Do not prefix F.	\$34.00
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	
	1101	Cement Case for use with expansion joints, (handed)	\$656.00	
	79501	Cement Case for use with shallow floors (non-handed)	\$392.00	
	25204	Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers.	¢717.00	
	Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.		\$314.00	
	846*	Cover Pan for 27 closer, specify depth, hand 1-3/4 doors only		
	3910*	Cover Pan for L27 closer, specify depth, hand 1-3/4 doors only		
	2237*	Cover Pan for 28 closer x 554 flat arm, specify depth, hand.	\$2,550.00	
	841*	Cover Pan for 28 closer, centering arm, specify depth, hand.		
	841B*	Cover Pan for H28 and H28 x 587 arm closers, specify depth, hand		
Vo.	60131	Lock edge applied stop for center hung doors. Specify finish.	\$105.00	
	1859001	Quickspotter Installation 25, 27, 28, 30, 40	¢1/100	
	1859501	Quickspotter Installation for Q27	\$141.00	

^{*} Specify stainless steel or brass

How To Order

F Prefix	27 Model	90 Degree of Swing	N Hold Open	x 1/2" Ext Spindle Suffix						x RH Hand	x 626 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	1-1/2" Offset Door Thickness L Series Product Only Concealed Arm (28) H Arm (H28, H40) Extended Spindle 20 Minute label Optional PH Spring Less All Parts Less Floor Plate Less Cement Case Less Top Pivot Cold Weather Fluid - Depth for Cover Pan - # of Wires for Electrified Product Security Screws nly) Special Layout	Blank (30 & 40) RH Right Hand LH Left Hand	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				

USA & Canada Prices Effective September 19, 2022

Note: All fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 93.

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	100	252050L*	4000500L*XXE	1000301
	\$2,325.00	\$1,551.00	\$305.00	\$161.00	\$154.00	\$154.00
	5103ABC 5104ABC	5103ABC LAP 5104ABC LAP	180	252050R*	4000500R*XXE	4000301
	5105ABC	5105ABC LAP	100	252050L*	4000500L*XXE	4000301
	\$2,383.00	\$1,609.00	\$305.00	\$161.00	\$154.00	\$154.00
	F5103NBC F5104NBC	5103NBC LAP 5104NBC LAP	F180	252050R*	4000500R*XXE	4000301
	F5104NBC F5105NBC	5105NBC LAP	1 100	252050L*	4000500L*XXE	1000301
	\$2,734.00	\$1,551.00	\$714.00	\$161.00	\$154.00	\$154.00

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*Finish required, see page 94 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



Note: All fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 93.

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	5103NBC LAP	100 v 1 1/200	252060R*	4000500R*XXE	/000701
	5104NBC x 1-1/20S 5105NBC x 1-1/20S	5104NBC LAP 5105NBC LAP	180 x 1-1/2OS	252060L*	4000500L*XXE	4000301
	\$2,658.00	\$1,551.00	\$551.00	\$248.00	\$154.00	\$154.00
 	5103ABC x 1-1/2OS	5103ABC LAP 5104ABC LAP 5105ABC LAP	100 1 1/200	252060R*	4000500R*XXE	(000701
	5104ABC x 1-1/20S 5105ABC x 1-1/20S		180 x 1-1/2OS	252060L*	4000500L*XXE	4000301
	\$2,716.00	\$1,609.00	\$551.00	\$248.00	\$154.00	\$154.00
	F5103NBC x 1-1/2OS	5103NBC LAP	F1001 1/205	252060R*	4000500R*XXE	/000701
	F5104NBC x 1-1/20S F5105NBC x 1-1/20S	5104NBC LAP 5105NBC LAP	F180 x 1-1/20S	252060L*	4000500L*XXE	4000301
	\$3,258.00	\$1,551.00	\$1,151.00	\$248.00	\$154.00	\$154.00

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 (4)	5303NBC LAP 5304NBC LAP 5305NBC LAP	N/A	3252010-*	4000600-*XXE	4000301
	\$2,338.00	\$1,551.00	I	\$479.00	\$154.00	\$154.00
Perpendicular to Frame	**F5313NBC (1) **F5314NBC **F5315NBC	5313NBC LAP 5314NBC LAP 5315NBC LAP	FM19	3252010-*	4000600-*XXE	4000301
	\$3,348.00	\$1,631.00	\$930.00	\$479.00	\$154.00	\$154.00

^{*}Finish required, see page 94

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

USA & Canada Prices Effective September 19, 2022

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



Note: All fire rated openings must have a minimum of one intermediate pivot. See page 112. Options on page 93.

Standard Weight/Duty Ouick 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 O5104NBC LAP	180	222050R*	4000501R*XXE	4000301	M19
	Q5104NBC Q5105NBC	Q5104NBC LAP Q5105NBC LAP	180	222050L*	4000501L*XXE	4000301	IVII9
	\$3,032.00	\$1,654.00	\$305.00	\$328.00	\$154.00	\$154.00	\$437.00
	Q5103ABC	Q5103ABC LAP	100	222050R*	4000501R*XXE	(000701	N 43 O
	Q5104ABC Q5105ABC	Q5104ABC LAP Q5105ABC LAP	180	222050L*	4000501LXXE*	4000301	M19
	\$3,090.00	\$1,712.00	\$305.00	\$328.00	\$154.00	\$154.00	\$437.00
	FQ5103NBC	Q5103NBC LAP	E100	222050R*	4000501R*XXE	(000701	FM19
	FQ5104NBC FQ5105NBC	Q5104NBC LAP Q5105NBC LAP	F180	222050L*	4000501L*XXE	4000301	
	\$3,934.00	\$1,654.00	\$714.00	\$328.00	\$154.00	\$154.00	\$930.00
	QT5103NBC	Q5103NBC LAP	100	222050R*	N1/A	(000701	N 43 O
	QT5104NBC QT5105NBC	Q5104NBC LAP Q5105NBC LAP	180	222050L*	N/A	4000301	M19
	\$2,878.00	\$1,654.00	\$305.00	\$328.00	-	\$154.00	\$437.00
	QT5103ABC	Q5103ABC LAP	100	222050R*	N1/A	(000701	N 43 O
	QT5104ABC QT5105ABC	Q5104ABC LAP Q5105ABC LAP	180	222050L*	N/A	4000301	M19
	\$2,936.00	\$1,712.00	\$305.00	\$328.00	_	\$154.00	\$437.00
	FQT5103NBC	Q5103NBC LAP	E100	222050R*	N1/A	(000701	EN 110
	FQT5104NBC FQT5105NBC	Q5104NBC LAP Q5105NBC LAP	F180	222050L*	N/A	4000301	FM19
	\$3,780.00	\$1,654.00	\$714.00	\$328.00		\$154.00	\$930.00

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



Note: All fire rated openings must have a minimum of 3 hinges. Options on page 93.

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 5103NBC LAP HM5104NBC 5104NBC LAP HM5105NBC 5105NBC LAP		25/5/5*01/	222050R*HM	4000501R*XXE	/000701
0			254545*PK	222050L*HM	4000501L*XXE	4000301
	\$3,038.00	\$1,551.00	\$851.00	\$328.00	\$154.00	\$154.00
0	HM5103ABC 5103ABC LAP		25/5/5*D1/	222050R*HM	4000501R*XXE	/000701
0	HM5104ABC HM5105ABC	5104ABC LAP 5105ABC LAP	254545*PK	222050L*HM	4000501L*XXE	4000301
	\$3,096.00	\$1,609.00	\$851.00	\$328.00	\$154.00	\$154.00
	FHM5103NBC	5103NBC LAP	25/5/5*51/	222050R*HM	4000501R*XXE	(000701
	FHM5104NBC FHM5105NBC	5104NBC LAP 5105NBC LAP	254545*PK	222050L*HM	4000501L*XXE	4000301
	\$3,038.00	\$1,551.00	\$851.00	\$328.00	\$154.00	\$154.00

*Finish required, see page 94 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 93

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
	5013NBC x 554 5014NBC x 554 5015NBC x 554	5013NBC LAP 5014NBC LAP 5015NBC LAP	340	282554	4000600-*XXE	4000301
	\$2,253.00	\$1,551.00	\$197.00	\$197.00	\$154.00	\$154.00
	5013ABC x 554 5014ABC x 554 5015ABC x 554	5013ABC LAP 5014ABC LAP 5015ABC LAP	340	282554	4000600-*XXE	4000301
	\$2,311.00	\$1,609.00	\$197.00	\$197.00	\$154.00	\$154.00
_	5013NBC 5014NBC 5015NBC	5013NBC LAP 5014NBC LAP 5015NBC LAP	340	282026*	4000600-*XXE	4000301
	\$2,253.00	\$1,551.00	\$197.00	\$197.00	\$154.00	\$154.00
#	5013ABC 5014ABC 5015ABC	5013ABC LAP 5014ABC LAP 5015ABC LAP	340	282026*	4000600-*XXE	4000301
	\$2,311.00	\$1,609.00	\$197.00	\$197.00	\$154.00	\$154.00

*Finish required, see page 93

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



Shallow Depth Center Hung Floor Closers

Options on page 93.

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
	\$2,358.00	\$1,656.00	\$197.00	\$197.00	\$154.00	\$154.00
***************************************	5023ABC 5024ABC 5025ABC	5023ABC LAP 5024ABC LAP 5025ABC LAP	340	282026*	4000600-*XXE	4000301
	\$2,416.00	\$1,714.00	\$197.00	\$197.00	\$154.00	\$154.00

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	
	\$2,721.00	\$1,551.00	\$424.00	\$438.00	\$154.00	\$154.00	
	5043ABC 5044ABC 5045ABC	5043ABC LAP 5044ABC LAP 5045ABC LAP	7494*PK	7495*PK	4000600-*XXE	4000301	
	\$2,779.00	\$1,609.00	\$424.00	\$438.00	\$154.00	\$154.00	

*Finish required, see page 94 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	\$206.00
W	For center hung wood doors using arm 282026.	\$0.00
Suffix	Description	Price
Ext Spdl	To accommodate special floor conditions, the spindle can be ordered with longer spindle 1/2" increments up to and including 2" longer.	\$103.00
Torx	Security screws. Only provided for screws visible.	\$341.00
-20	20 minute UL listing for smoke doors. Do not prefix F.	\$34.00
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	\$196.00

Door Control Accessories

	2637*	Cover Pan for 51 closer, specify depth.	
	2807D*	Cover Pan for 53 closer, specify depth.	\$1,421.00
	2807B*	B* Cover Pan for 50 closer x 554 flat arm, specify depth.	
	2807A*	Cover Pan for 50 closer, centering arm, specify depth.	
Vo o	60131	Lock edge applied stop for center hung doors, specify finish	\$105.00
	1855051	50/51/53 Quickspotter. Quickspotter Installation Tool for 50/51/53	\$141.00

^{*}Specify stainless steel or brass



Shallow Depth Floor Closers How To Order

F Prefix		510 Model	3 Spring Size	NBC Function	хl	-1/2" Offset Suffix	x RH Hand		x 626 Finish
DA Delayed Action F Fire Rated Doors W Wood Dr (center hung)	510 530 531 501 502 504	Offset Independently Hung Parallel to Frame Independently Hung Perpendicular to Frame Center Hung Single Acting Center Hung Double Acting Center Hung with Patch Fittings	2 3 4 5	NBC = Non-Hold Open ABC = Automatic Hold Open Specify Degree	554 1-1/2" -20 LAP LFP LCC LTP	Flat Arm Extended Spindles Offset 20 Minute Label Closer Body Only Less Floor Plate Less Cement Case Less Top Pivot - Cover Pan (x Depth) Special Layout #	Blank (5020) RH Right Hand LH Left Hand	605 606 611 612 613 613E 618 619 622 625 626 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 Black Suede White Suede



ASSA ABLOY

Options, see page 97.

Gate Closers •

Model	Complete Closer Specify Model	LAP Specify Model	Top Pivot Pkg	Bottom Arm Pkg	Floor Plate Pkg	Cement Case Pkg
	354	V07F / 07770 *	3541020-*	3542026-*	N/A	N/A
	355	X03540370-*	3551020-*	3542026*	N/A	N/A
	\$1,932.00	\$1,231.00	\$346.00	\$355.00	-	-
	356	V075 (0750 *	3541020-*	3562020-*	N/A	N/A
	357	X03540370-*	3551020-*	3562020*	N/A	N/A
	\$1,932.00	\$1,231.00	\$346.00	\$355.00	-	-
Independently Hung	359	X03540370-*	N/A	3592010-*	N/A	N/A
	\$1,934.00	\$1,231.00	-	\$703.00	-	-

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	
	3LC27-1801N	SLCZ7-100IN LAP	FAIOU	252056L*	274030	253001SEC	
	\$4,325.00	\$1,784.00	\$784.00	\$286.00	\$995.00	\$476.00	

*Finish required, see page 97.

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



ASSA ABLOY

Exterior Gate Closer ----

Model	Complete Closer Specify Model
	1351
	\$825.00

*Finish required, see page 97. Non-Hold open Only Note: Buying program discount on pivots applies when pivots are ordered separately. LAP= Less All Parts



Specialty Closers Options How To Order

Quick Reference Options

Prefix	Description	Price
PH	Physically Handicapped 5 lbs. of opening force in compliance to ADA standard for interior doors. If used on exterior or fire doors, the low opening force may not be enough to close the door. Not available on gate closers or SEC closers.	\$124.00
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.	\$103.00
SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

How To Order

	Sec 27 Model	N Hold Open		x LTP Suffix	x RH Hand		x 689 Finish
354	Gate	Blank = Not		1-1/2" Offset	Blank	605	Bright Brass
355	Gate	Applicable N = Non-Hold Open	Ext SpdI	Extended Spindle	(10, 12, 15, 16, 354, 355,	606	Satin Brass
356 357	Gate Gate	11 - Norr Flora Open	LAP	Less All Parts	356, 357, 359)	611	Bright Bronze
359	Gate		LFP	Less Floor	RH Right Hand	612	Satin Bronze
SEC27				Plate	LH Left Hand	613	Dark Bronze
-180 1351	Security Exterior Gate		LCC	Less Cement Case Less Top		613E	Dark Oxidized Satin Bronze - Equivalent
				Pivot		618	Bright Nickel
				Depth for		619	Satin Nickel
			SPLO#	Cover Pan Special		622	Flat Black
			JF LO#	Layout		625	Bright Chrome
						626	Satin Chrome
							(Sprayed finishes 350 Series gate closers only)
						689	Sprayed Aluminum
						690	Sprayed Dark Bronze
						691	Sprayed Light Bronze
						693^	Sprayed Black
						696	Sprayed Brass
						BSP	Black Suede
						WSP	White Suede

^1351 only available in 693



ASSA ABLOY

Roller Mate® Caster ••••

Мс	odel	Description	Price
	10600	Single Roller Caster	\$961.00
	10602	Double Roller Caster	\$1,443.00
	10600-025 for 10600 10600-028 for 10602	Hollow Metal Reinforced Plate	\$292.00

Special Cement Cases							
М	odel	Description	Price				
	1101	Cement Case for use with expansion joints, handed	\$656.00				
	79501	Cement Case for use with shallow floors	\$392.00				
	25204	Twin Cement Case 1-7/8" Mullion for back to back closers. Must be ordered with closers	\$314.00				
	25304	Twin Cement Case 2" Mullion for back to back closers. Must be ordered with closers.	\$314.00				

Cover Pans •

Model		Description	Price
	846*	Cover Pan for 27 closer, specify depth, hand. 1-3/4 doors only.	
	3910*	Cover Pan for L27 closer, specify depth, hand. 1-3/4 doors only	
	2237*	Cover Pan for 28 closer x 554 flat arm, specify depth, hand.	
	841*	Cover Pan for 28 closer, centering arm, specify depth, hand.	
	841B*	Cover Pan for H28 and H28 x 587 arm closers, specify depth, hand.	
	2637*	Cover Pan for 51 closer, specify depth, hand. 1-3/4 doors only.	
	2807D*	Cover Pan for 53 closer, specify depth, hand.	¢1./21.00
	2807B*	Cover Pan for 50 closer x 554 flat arm, specify depth, hand.	\$1,421.00
	2807A*	Cover Pan for 50 closer, centering arm, specify depth, hand.	

^{*}Finish required, stainless steel or brass



Applied Stop =

Model		Description	Price
	60131 Specify Finish	Lock edge applied stop for single acting center hung doors	See Page 93

Installation Tools

Model		Description	Price
	2604	Pivot Alignment Tool	Coo Dogo 117
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2608	Pivot Alignment Tool for H340 and H345	See Page 117
	1859001	27/28/30/40 Quickspotter Installation Tool	6 5 66
	1859501	Q27 Quickspotter Installation Tool	See Page 86
	1855051	50/51/53 Quickspotter Installation Tool	See Page 93



Overhead Concealed Closers Offset Commodity Grade

Options, see page 102

Offset Huna -

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
// / O // O	0608	608 LAP	608019	06082012-*	N/A
	\$956.00	\$611.00	\$67.00	\$278.00	-
	M0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,296.00	\$611.00	\$252.00	\$278.00	\$155.00
/ O O O A	MW0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,296.00	\$611.00	\$252.00	\$278.00	\$155.00
	W0608	608 LAP	608049PKG	06082012-*	6084000*
	\$1,296.00	\$611.00	\$252.00	\$278.00	\$155.00
	AW0608	608 LAP	608019	06082012-*	N/A
	\$956.00	\$611.00	\$67.00	\$278.00	-

See model 547 pivot set on page 110 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 102 - Arms are sprayed finishes only N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts



Overhead Concealed Closers Center Hung Commodity Grade

Options, see page 102.

Center Hung •	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
	\$966.00	\$611.00	\$67.00	\$98.00	\$190.00	-
	608SL	608 LAP	608019	608005S	608011A	NA
	\$966.00	\$611.00	\$67.00	\$98.00	\$190.00	_
	M608	608 LAP	608049PKG	6002020	608011A	6084000*
	\$1,306.00	\$611.00	\$252.00	\$98.00	\$190.00	\$155.00
	MW608	608 LAP	608049PKG	6002021	608011A	6084000*
	\$1,306.00	\$611.00	\$252.00	\$98.00	\$190.00	\$155.00
(2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W608	608 LAP	608049PKG	6002021	608011A	6084000*
	\$1,306.00	\$611.00	\$252.00	\$98.00	\$190.00	\$155.00
	AW608	608 LAP	608019	6002021	608011A	N/A
10 2000 00 00 00 00 00 00 00 00 00 00 00	\$966.00	\$611.00	\$67.00	\$98.00	\$190.00	-

*Finish required, sprayed finishes only see page 102 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	\$230.00

			Commodity Gra	de Clos	er Model		
	M608 Model	F	90A Iold Open or Not	x 1	/2" Ext SpdI Suffix		x 626 Finish
Offset Hur	ng	90A	Hold Open	1/2"	Extended	605	Bright Brass
3608	Aluminum Dr & Fr	105A	Hold Open		Spindle	606	Satin Brass
M0608	Metal Dr & Fr	N	Non-Hold			611	Bright Bronze
MW0608	Wood Dr & Metal Fr		Open			612	Satin Bronze
W0608	Wood Dr and Fr					613	Dark Bronze
4W0608	Wood Dr and Alum Fr					613E	Dark Oxidized
Center Hu	ng						Satin Bronze - Equivalent
608EL	End Load Arm Alum Dr & Fr					618 619	Bright Nickel Satin Nickel
608SL	Side Load Arm Alum Dr &					622	Flat Black
	Fr					625	Bright Chrome
M608	Metal Dr & Fr					626	Satin Chrome
MW608	Wood Dr & Metal Fr					For Arr	ms Only
W608	Wood Dr & Fr					689	Sprayed Aluminum
4W608	Wood Dr and Alum Fr					690	Sprayed Dark Bronze
						691	Sprayed Light Bronze
						696	Sprayed Brass

Black Suede

White Suede

BSP

WSP



Overhead Concealed Closers Offset Architectural Grade

Options, see page 107

Offset Hung •

	Complete Closer Specify Hand and Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625
	PH91NDCP		¢1.522.00	
	91NDCP	\$1,338.00	\$1,722.00	\$1,828.00
	PH91HDCP	¢1.750.00	¢1.7/2.00	¢1.0.7.0.00
	91HDCP	\$1,358.00	\$1,742.00	\$1,848.00
	WPH91NDCP	¢1 / 70 00	¢1,022,00	¢1 020 00
	W91NDCP	\$1,438.00	\$1,822.00	\$1,928.00
	WPH91HDCP	\$1,458.00	\$1,842.00	\$1,948.00
	W91HDCP	\$1,450.00	\$1,042.00	\$1,946.00
	Less All Parts Specify Hand and Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625
	PH91NDCP LAP			41.507.00
	91NDCP LAP	¢007.00	¢1 /70 00	
	PH91HDCP LAP	\$983.00	\$1,430.00	\$1,523.00
	91HDCP LAP			

See model 547 pivot on page 110 as a method to hang doors.

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

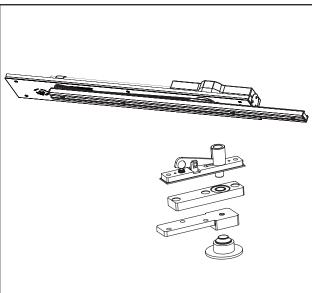
*Finish required, see page 107 N = Non-Hold Open H = Hold Open LAP = Less All Parts



Overhead Concealed Closers Offset Architectural Grade

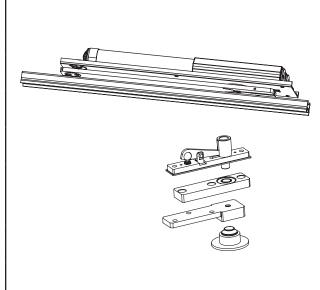
Options, see page 107

Center Hung Single Acting



Complete Closer Specify Hand, Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625	
PH93N	\$1,424.00	\$1,808.00	¢1.017.00	
93N	\$1,424.00	\$1,808.00	\$1,914.00	
PH93H	¢1 / EC 00	¢1.07.000	¢10/C00	
93H	\$1,456.00	\$1,840.00	\$1,946.00	
WPH93N	\$1,424.00	\$1,808.00	\$1,914.00	
W93N	\$1,424.00	\$1,808.00	\$1,914.00	
WPH93H	\$1,456.00	\$1,840.00	¢10/C00	
W93H	\$1,456.00	\$1,840.00	\$1,946.00	
Complete Closer Specify Hand, Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625	
PH93N LAP				
93N LAP	\$1,066.00	\$1,513.00	¢1.607.00	
PH93H LAP		φ1,513.00	\$1,607.00	
93H LAP				

Center Hung Double Acting



Complete Closer Specify Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625
PH73N	\$1,714.00	\$2,098.00	¢2.207.00
73N	\$1,714.00	\$2,098.00	\$2,204.00
PH73H	\$1,751.00	\$2,135.00	¢2.2/1.00
73H	\$1,751.00	\$2,135.00	\$2,241.00
WPH73N	\$1,714.00	\$2,098.00	\$2,204.00
W73N	\$1,714.00	\$2,098.00	\$2,204.00
WPH73H	¢1.7E1.00	\$2,135.00	\$2,241.00
W73H	\$1,751.00	\$2,135.00	\$2,241.00
Complete Closer Specify Hand, Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625
PH73N LAP			
73N LAP	¢1.7FC.00	¢1.007.00	¢1,007,00
PH73H LAP	\$1,356.00	\$1,803.00	\$1,897.00
73H LAP			

Center Hung Double Acting, Emergency Release

|--|

Complete Closer Specify Finish	689, 690, 691, 693, 696, 613E, BSP, WSP	626	605, 606, 613, 618, 619, 625	
73ERN	¢1 E7E 00	¢2.071.00	¢216000	
W73ERN	\$1,575.00	\$2,041.00	\$2,169.00	
73ERH	¢1 C17 OΩ	¢2.070.00	¢2.207.00	
W73ERH	\$1,613.00	\$2,079.00	\$2,207.00	

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

USA & Canada Prices Effective September 19, 2022



Overhead Concealed Closers Center Architectural Grade

Options, see page 107

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
\$ 2000 B	\$2,459.00	\$1,987.00	\$77.00	\$167.00	\$228.00	_
	M706 M707	706 LAP 707 LAP	1929000	8002020	2183020	7004000R
	M708	708 LAP				7004000L*
(000 o)	\$2,776.00	\$1,987.00	\$241.00	\$167.00	\$228.00	\$153.00
	MW706 MW707	706 LAP 707 LAP	1929000	8002021	2183020	7004000R*
	MW708	708 LAP	1323000	0002021	2,00020	7004000L*
100 o 1 1	\$2,825.00	\$1,987.00	\$241.00	\$216.00	\$228.00	\$153.00
	W706	706 LAP	1000000	0000007	2107020	7004000R*
	W707 W708	707 LAP 708 LAP	1989000	8002021	8002021 2183020	
Town of the state	\$2,825.00	\$1,987.00	\$241.00	\$216.00	\$228.00	\$153.00

^{*}Finish required, see page 107 N = Non-Hold open A = Automatic Hold Open LAP= Less All Parts



Overhead Concealed Closers Center Hung Architectural Grade

Options, see page 107

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)	\$2,459.00	\$1,987.00	\$77.00	\$167.00	\$228.00	-
	M806 M807 M808	806 LAP 807 LAP 808 LAP	1929000	8002020	2183020	8004000*
	\$2,854.00	\$1,987.00	\$241.00	\$167.00	\$228.00	\$231.00
	MW806 MW807 MW808	806 LAP 807 LAP 808 LAP	1929000	8002021	2183020	8004000*
	\$2,903.00	\$1,987.00	\$241.00	\$216.00	\$228.00	\$231.00
	W806 W807 W808	806 LAP 807 LAP 808 LAP	1989000	8002021	2183020	8004000*
	\$2,903.00	\$1,987.00	\$241.00	\$216.00	\$228.00	\$231.00

*Finish required, see page 107 N = Non-Hold open A = Automatic Hold Open LAP = Less All Parts



Overhead Concealed Closers Architectural Grade Options How to Order

Quick Reference Options

Suffix	Description	Price
1/2 Ext Spdle	Longer spindle for unique frame conditions (91, 93, 608, 700 & 800 models only)	\$482.00
199	Decorative end caps for center hung wood doors (608, 700 & 800 models only)	\$117.00
SPLO	Special templating and products	Excluded from buying programs - contact factory for pricing

How To Order

Architectural Grade Closer Models 700 & 800										
Mode	M706 Model (specify size 6, 7, or 8)		90A Degree		x 1/2" Ext Spdl Suffix		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" Ext Spindli SPLO	tended e Special Material Layout		nk Dbl Acting Right Hand Left Hand	689 690 691 696 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 ARMS Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede	

Architectural Grade Closer Model 91						
W91 (Model)	N (Function)	DCP	x 1/2" Extended Spdl (Suffix)	x RH Hand	x 626 Finish	
91 - 3-6 Spring PH - 1-3 Spring (ADA) W - Wood Frame	N - Non-Hold Open H - Hold Open	Dress Cover Plate	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 601 Bright Bronze 613 Dark Bronze 613 Dark Coxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede	

USA & Canada Prices Effective September 19, 2022



Overhead Concealed Closers Architectural Grade How to Order

How To Order

Architectural Grade Closer Model 93							
93 (Model)	N (Function)	x 1/2" Extended Spdl (Suffix)	x RH Hand	x 626 Finish			
93 - Adjustable 3-6 Spring PH - Adjustable 1-3 Spring (ADA) 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 613 Dark Bronze 613E Dark Oxidized Satin Bronze - equivalent 618 Bright Nickel 619 Satin Nickel 625 Bright Chrome 626 Satin Chrome BSP Black Suede WSP White Suede			

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



Pivots and Pivot Sets Offset Hung Pivot Sets

Options on page 117.

Offset	Hung	Pivot	Sets
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Мо	del	Description	Painted	Plated	
	117-1/4	3/4 Offset (includes 180 top pivot)	N/A	\$630.00	
	117	3/4 Offset (includes 180 top pivot)	N/A		
COO	117 × 1-1/20S	1-1/2 Offset (includes 180 x 1-1/20S top pivot)	N/A	\$1,052.00	
	F117	Fire rated 3/4 Offset (includes F180 top pivot)	\$659.00	\$1,109.00	
	F117 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 top pivot)	\$1,018.00	\$1,654.00	
	117-20	3/4 Offset x 20 min (includes 180 - 20 top pivot)	N/A	\$656.00	
	173	3/4 Offset (includes 180 top pivot)	N/A	\$423.00	
	147	3/4 Offset (includes 180 top pivot)	N/A	\$888.00	
\sim	147 x 1-1/20S	1-1/2 Offset (includes 180 x 1-1/20S top pivot)	N/A	\$1,226.00	
L OO	F147	Fire rated 3/4 Offset (includes F180 top pivot)	\$940.00	\$1,344.00	
	F147 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)	\$1,256.00	\$1,791.00	
	147-20	3/4 Offset x 20 min (includes 180-20 top pivot)	N/A	\$911.00	
	147-20 x 1-1/20S	1-1/2 Offset (includes 180-20 top pivot)	N/A	\$1,236.00	
	CG0147	Contractor Grade, 3/4 Offset (includes top pivot)	\$577.00	N/A	
6000	L147	3/4 Offset x1-3/4 door (includes L180 top pivot)	N/A	\$1,247.00	
Ö	L147	3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)	N/A	\$1,799.00	
	FL147	Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)	\$1,291.00	\$1,781.00	
	L147-20	3/4 Offset x 1-3/4 door (includes L180-20 top pivot)	N/A	\$1,261.00	

^{*}Finish required, see page 117.



Pivots and Pivot Sets Offset Hung Pivot Sets

Options on page 117.

Offset Hung Pivot Sets

Mode		Description	Painted	Plated
	547 3/4 Offset (includes 2 each M190 intermediate pivots)		N/A	\$998.00
	F547	Fire rated 3/4 Offset (includes 2 each FM190 intermediate pivots)	\$998.00	\$1,407.00
	165	3/4 Offset (includes 180 top pivot and 2 each M190 intermediate pivots)	N/A	\$1,343.00
	195	3/4 Offset (includes 180 top pivot)	N/A	\$870.00
	F195	Fire rated 3/4 Offset (includes F180 top Pivot)	N/A	\$1,326.00
	117-1/2	3/4 Offset (includes 180 top pivot)	N/A	\$1,328.00
	117-1/2 x 1-1/2OS	1-1/2 Offset (includes 180 x 1-1/2OS top pivot)	N/A	\$1,642.00
	117-1/2-20	3/4 Offset 20 min (includes 180-20 top pivot)	N/A	\$1,355.00
	F117-1/2	Fire rated 3/4 Offset (includes F180 top pivot)	\$1,349.00	\$1,654.00
-	F117-1/2 x 1-1/20S	Fire rated 1-1/2 Offset (includes F180 x 1-1/2OS top pivot)	\$1,683.00	\$2,238.00
So o	L117	3/4 Offset x 1-3/4 door (includes L180 top pivot)	N/A	\$1,811.00
	L117	3/4 Offset x 2, 2-1/4, 2-1/2 or 3 doors (includes L180 top pivot)	N/A	\$2,362.00
	FL117	Fire rated 3/4 Offset x 1-3/4 door (includes FL180 top pivot)	\$1,859.00	\$2,360.00
	L117-20	3/4 Offset x 20 min x 1-3/4 door (includes L180- 20 top pivot)	N/A	\$1,836.00

^{*}Finish required, see page 117.



Pivots and Pivot Sets Offset Hung Top Pivots

Options on page 117.

Offset Hung Top Pivot		
	i e	

Мо	del	Description	Painted	Plated
	180	3/4 Offset	N/A	\$305.00
	180 x 1-1/2OS	1-1/2 Offset	N/A	\$551.00
	H180	3/4 Offset	N/A	\$392.00
60	H180 x 1-1/20S	1-1/2 Offset	N/A	\$621.00
	F180	Fire rated 3/4 Offset	\$326.00	\$714.00
	F180 x 1-1/20S	Fire rated 1-1/2 Offset	\$547.00	\$1,151.00
	FH180	Fire rated 3/4 Offset	\$424.00	\$835.00
	180-20	3/4 Offset x 20 min	N/A	\$313.00
	180-20 x 1-1/20S	1-1/2 Offset x 20 min	N/A	\$538.00
	H180-20	3/4 Offset x 20 min	N/A	\$414.00
000	L180	3/4 Offset x 1-3/4 door	N/A	\$494.00
Só o	L180	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$746.00
	L180-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$497.00
	FL180	Fire rated 3/4 Offset x 1-3/4 door only	\$499.00	\$1,045.00
	FA180	3/4 Offset	\$380.00	\$784.00
401	180 x 102	3/4 Offset	N/A	\$453.00
	180 × 102 × 1-1/20S	1-1/2 Offset	N/A	\$699.00
	280	3/4 Offset	N/A	\$412.00
	F280	Fire rated 3/4 Offset	\$462.00	\$928.00
	280-20	3/4 Offset x 20 min	N/A	\$429.00
	380	3/4 Offset	N/A	\$412.00
000	F380	Fire rated 3/4 Offset	\$462.00	\$911.00
	380-20	3/4 Offset x 20 min	N/A	\$429.00
^	L380	3/4 Offset x 1-3/4 door only	N/A	\$691.00
	L380	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$955.00
	FL380	Fire rated 3/4 Offset x 1-3/4 door only	\$736.00	\$1,212.00
	L380-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$710.00
900	480	3/4 Offset	N/A	\$504.00
	F480	Fire rated 3/4 Offset	\$559.00	\$1,037.00
	480-20	3/4 Offset x 20 min	N/A	\$538.00
	680	3/4 Offset	N/A	\$553.00

^{*}Finish required, see page 117



Pivots and Pivot Sets Intermediate Pivots

Note that all fire rated openings must have

a minimum of one intermediate pivot

		T	<u> </u>	
M	odel	Description	Painted	Plated
	M19	3/4 Offset	N/A	\$437.00
	M19 x 1-1/20S	1-1/2 Offset	N/A	\$648.00
	FM19	Fire rated 3/4 Offset	\$466.00	\$930.00
	FM19 x 1-1/20S	Fire rated 1-1/2 Offset	\$700.00	\$1,356.00
	M190	3/4 Offset	N/A	\$530.00
	M190 x 1-1/20S	1-1/2 Offset	N/A	\$739.00
0 / 1	FM190	Fire rated 3/4 Offset	\$583.00	\$1,112.00
	FM190 x 1-1/20S	Fire rated 1-1/2 Offset	\$805.00	\$1,349.00
	M19-20	3/4 Offset x 20 min	N/A	\$432.00
	M19-20 x 1-1/20S	1-1/2 Offset x 20 min	N/A	\$678.00
	M190-20	3/4 Offset x 20 min	N/A	\$541.00
	CG0M19	Contractor Grade, 3/4 Offset	\$284.00	N/A
	ML19	3/4 Offset x 1-3/4 door only	N/A	\$623.00
	ML19	3/4 Offset x 2, 2-1/4, 2-1/2, or 3 doors	N/A	\$885.00
	FML19	Fire rated 3/4 Offset x 1-3/4 door only	\$676.00	\$1,306.00
	ML19-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$655.00
	FA19	3/4 Offset	\$530.00	\$1,006.00
_	FA190	3/4 Offset	\$662.00	
	119	3/4 Offset	N/A	\$320.00
	219	3/4 Offset	N/A	\$494.00
	219-20	3/4 Offset x 20 min	N/A	\$508.00
	319	3/4 Offset	N/A	\$485.00
	319-20	3/4 Offset x 20 min	N/A	\$541.00
	L319	3/4 Offset x 1-3/4 door only	N/A	\$800.00
	L319-20	3/4 Offset x 20 min x 1-3/4 door only	N/A	\$831.00
	419	3/4 Offset	N/A	\$576.00
	419-20	3/4 Offset x 20 min	N/A	\$601.00

^{*}Finish required, see page 117.



Pivots and Pivot Sets Electrified Intermediate Pivots & Pocket Pivots

Pocket Pivot =

Model Num	nber	Description	Painted	Plated
	F519	Pocket Pivot	\$673.00	\$821.00
	EF519	Electrified Power Transfer Pivot Available in 4 wires only	NA	\$1,523.00

Electrified Intermediate Pivots -----

Model Number		Description	Price
	EFM19	Fire Rated 3/4" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$1,686.00
	EM19 x 1-1/2OS	1-1/2" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$1,127.00
	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)	\$2,548.00
	EML19	3/4" Offset Power Transfer Pivot Heavy Duty/Weight/High Traffic 1-3/4 Dr Specify number of wires (4, 6, 8, 12)	\$1,802.00
	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)	\$1,835.00
	EM19	3/4" Offset Power Transfer Pivot Specify number of wires (4, 6, 8, 12)	\$795.00
	EM19U	3/4" Offset Power Transfer High Inrush Pivot (2 wires only) Electolynx not available	\$1,533.00
	EFM19 x 1-1/2	Fire Rated 1-1/2" Offset Power Transfer Pivot	\$2,562.00

ElectroLynx add \$45.00. 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.

^{*}Finish required, see page 117.



Pivots and Pivot Sets Center Hung Pivot Sets

Options on page 117.

Center Hung Pivot Sets

Center Hung Pivot Sets					
Model		Description	Price		
	127-3/4	Center Hung side jamb attached (includes 320 top pivot)	\$412.00		
	128-3/4	Center Hung (includes 320 top pivot)	\$412.00		
	CG0128	Contractor Grade, Center Hung (includes top pivot)	\$261.00		
	270	Center Hung (includes special top pivot)	\$600.00		
	370	Center Hung (includes 340 top pivot)	\$609.00		
	375	Center Hung (includes 345 top pivot)	\$1,047.00		

Model		Description	Price
	117-3/4	Center Hung (includes 340 top pivot)	\$1,252.00
	H117-3/4	Center Hung for doors 2" or greater (includes H340 top pivot)	
	H117-3/4 587	Center Hung for doors 1-3/4 (includes H340 top pivot)	\$3,053.00
	178	Patch fitting pivot (includes 7494 top pivot)	\$890.00
	176	Center Hung Light Duty Pivot	\$423.00

^{*}Finish required, see page 117.

Pivots and Pivot Sets Center Hung Top Pivots

Options on page 117.

Center Hung Top Pivots

Center Hung Top	PIVOTS -		
Model		Description	Price
	320	Center Hung	\$204.00
	340	Center Hung	\$197.00
	H340	Center Hung	4550.00
	345	Center Hung long throw pivot pin	\$650.00
	H345	Center Hung long throw pivot pin	\$1,055.00
	340 x AP3	Center Hung gate pivot	\$594.00
	320 x 102	Center Hung for deep reveal (No finish plate included)	\$352.00
	340 x 102	Center Hung for deep reveal (No finish plate included)	\$345.00

^{*}Finish required, see page 117.



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	\$846.00
	EH345	Center Hung Longer Throw Pin Heavy Duty for Taller Doors for Power Transfer	\$1,443.00

^{*}Finish required, see page 117.

Specify # of wires (4,6,8,12) ElectroLynx add \$45.00.

${\sf ElectroLynx}^{\scriptscriptstyle (\!0\!)}$

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

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



Pivots and Pivot Sets Options Accessories How To Order

Quick Reference Options -

Suffix	Description	Price
Fut Codl	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.	\$77.00
Ext Spdl	Extended spindles for 117-1/4, 117, 147, 547,195, 127-3/4, 128-3/4, 370	
	Extended spindles for 117-1/2, L117, 117-3/4, H117-3/4 and H117-3/4 x 587	\$141.00
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 \$56.00
Torx	Security Screws	Pivot Set Add \$279.00
TOTX	Not available for center hung models	Intermediate Pivots Add \$182.00
SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

Accessories i

Mod	el	Description	Price
	10600	Single Roller Caster	\$961.00
	10602	Double Roller Caster	\$1,443.00
	10600-025 for 10600 10600-028 for 10602	Hollow Metal Reinforced Plate	\$292.00
	10600-019	End Cap	\$37.00
	2604 2608 for H340 and H345	Pivot Alignment Tool	\$141.00

How To Order

F	L147	x 2-1/4" Door		1	RH	x 626		
Prefix	Model	Suffix			and	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 CG0147	1-1/2OS 2" 2-1/4" 2-1/2" 3" 587 Ext SpdI -20 LTP TORX SPLO#	1-1/2" Offset Door Thickness L Series Product Only H Arm (H117-3/4) Extended Spindle 20 Minute label Less Top Pivot # of Wires for Electrified Product Security Screws (Offset Only) Special Layout	Blank RH LH	(Center Hung) Right Left	606 611 612 613 613E 618 619 622 625 626 689 690 691 696 BSP WSP CG piv	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 vots only available in 689, 690 and inishes.	

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

Options, see page 122.

1 Series Concealed Heavy Duty (1)

	Mode	I		Door Opening (inches)		Finishes		
	Friction	Hold Open	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652, BSP, WSP, 613E	606, 612, 630	605, 611, 618, 619, 622, 629
	1-116	1-126	1-136	*24-28	NA			
	1-216	1-226	1-236	28 1/16-33	30-36			
II.	1-316	1-326	1-336	33 1/16-38	36 1/16-41	\$431.00	\$475.00	\$712.00
	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	Center Hung Pivots	689, 690, 691, 696, 652, BSP, WSP, 613E	606, 612, 630	605, 611, 618, 619, 622, 629
14	1ADJ-126	1ADJ-136	*24-28	NA	\$455.00	\$497.00	\$749.00
	1ADJ-226	1ADJ-236	28 1/16-33	30-36			
	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 (1)

	Model				Door Opening (inches)		Finishes		
	Friction	Hold Open	Stop	Multi- Function	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652**, BSP, WSP, 613E	606, 612, 630	605, 611, 618, 619, 622, 629
	2-116	2-126	2-136	2-146	*18-24	NA	\$195.00	\$231.00	\$298.00
'/	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			
	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	689, 690, 691, 696, 652, BSP, WSP, 613E	
5-126	5-126	5-136	*18-24	NA		
	5-226	5-236	24 1/16-30	27-32		
	5-326	5-336	30 1/16-36	32 1/16-38 1/2	\$181.00	
	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

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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 122.

6 Series Concealed Low Profile •

Model		Door Open	ing (inches)	Finishes		
	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, BSP, WSP, 613E	606, 612, 630	605, 611, 618, 619, 622, 629
	6-136	*24-28	NA		\$639.00	\$740.00
	6-236	28 1/16-33	30-36			
ļi	6-336	33 1/16-38	36 1/16-41	\$591.00		
	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, BSP, WSP, 613E	606, 612, 630	605, 611, 619, 622, 629
		6ADJ-136	*24-28	NA			
"		6ADJ-236	28 1/16-33	30-36			
	" [6ADJ-336	33 1/16-38	36 1/16-41	\$622.00	\$667.00	\$774.00
		6ADJ-436	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 $4-1/2 \times 4-1/2$ butts or 3/4 offset pivots. For all other hanging means or door thicknesses, consult factory. Prices will be affected and will not carry any buy program or quote discounting.



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

Options, see page 122.

7 Series Surface Heavy Duty

М	odel	Door Opening (inches)	Finishes	
	Hold Open	**Butts or Offset Pivots	689, 690, 691, 696, BSP, WSP, 613E	
	7-126	24-30		
1	7-226	30 1/16-34	¢ (70.00	
	7-326	34 1/16-39	\$438.00	
	7-426	39 1/16-48		

8 HD Series Surface Extra Heavy Duty (1)

Model		Door Openin	g (inches)		Finishes	
1	Hold Open	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, BSP, WSP, 613E	606, 612, 630	605, 622, 629
	8-226	27-1/16 - 32-1/2	29-9/16 - 35		\$651.00	
	8-326	33-9/16 - 38-3/4	35-1/16 - 41-1/2	\$603.00		\$757.00
	8-426	38-13/16 - 42-1/2	41-9/16 - 45	·		
	8-526	42-9/16 - 48	45-1/16 - 48			
	Stop					
	8-236	27-1/16 - 32-1/2	29-9/16 - 35			\$677.00
	8-336	33-9/16 - 38-3/4	35-1/16 - 41-1/2	\$539.00	\$573.00	
	8-436	38-13/16 - 42-1/2	41-9/16 - 45	, 4003.00		, , , , , ,
	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.



Checkmate® Stops and Holders Surface Stops and Holders

Options, see page 122.

9	Series	Surface	Heavy	Duty	(Ų
	501103	Juliace	licavy	Duty	0

Mode	Door Opening (inches)		Finishes					
	Friction	Hold Open	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652, BSP, WSP, 613E	606, 612, 630	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	\$573.00	\$617.00	\$718.00
	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 🕕

Model		Door Oper	ning (inches)	Finishes			
	Hold Open	Stop	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652, BSP, WSP, 613E	606, 612, 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	41 \$597.00 \$642	\$642.00	\$755.00
	9ADJ-426	9ADJ-436	38 1/16-43	41 1/16-46			
	9ADJ-526	9ADJ-536	43 1/16-48	46 1/16-50			

10 Series Surface Adjustable Standard Duty

Model					Door Opening (inches)		Finishes		
	Friction	Hold Open	Stop	Multi- Function	**Butts Offset Pivots	Center Hung Pivots	689, 690, 691, 696, 652^, BSP, WSP, 613E	606, 612, 630	605, 611, 618, 619, 622, 629
	10-116	10-126	10-136	10-146	*18-24	21-26 1/2			
	10-216	10-226	10-236	10-246	24 1/16-30	26 9/16-32		\$292.00	\$355.00
	10-316	10-326	10-336	10-346	30 1/16-36	32 1/16-38 1/2	\$231.00		
	10-416	10-426	10-436	10-446	36 1/16-42	38 9/16-45	^652 Not available on		
l	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 Openir	ng (inches)	Finishes	
	Hold Open	Stop	**Butts Offset Pivots	Center Hung	689, 690, 691, 696, 652, BSP, WSP, 613E	
	55-126	55-136	*18-24	NA		
	55-226	55-236	24 1/16-30	27-32		
	55-326	55-336	30 1/16-36	32 1/16-38 1/2	\$181.00	
	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

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^{**} 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**

Ouick Reference (Options & Accessories)

	Suffix	Description	Price
	LS	Less Spring Models 1 and 9 only	Add \$36.00
	TORX	Security Screws. All Models. Only provided for screws visible.	Add \$138.00
0 0 0	5458*	LH Flush Mounting Brackets Models 8 & 9	
0000	5459*	RH Flush Mounting Brackets Models 8 & 9	\$89.00
	5258*	Flush Mounting Brackets Models 10 & 55	
	SPLO	Special layout that may require special templating and/or products	Excluded from buying programs - contact factory for pricing

^{*}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 Adj 2 Std Dty Concealed Adj 5 Std Dty Concealed 6 Low Profile Concealed 6ADJ Low Profile Concealed Adjustable 7 Surf Cantilever Holder 8HD Extra Hvy Dty Dbl Lever 9 Hvy Dty Surface 9ADJ Hvy Dty Surface Adj 10 Std Dty Surface Std Dty Surface	1 2 3 4 5 See Catalog for Sizing	1 Friction 2 Holder 3 Stop 4 Multi function		LS Torx ARM SPLO#	Less Spring Security Screws Arm Only Special Layout	Bright Brass Satin Brass Bright Bronze Satin Bronze Bright Nickel Satin Nickel Flat Black Bright Stainless Satin Stainless Satin Chrome on Steel Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Brass Black Suede White Suede Dark Oxidized Satin Bronze - equivalent les 118-121 for list of available for each series.



Complete Thresholds

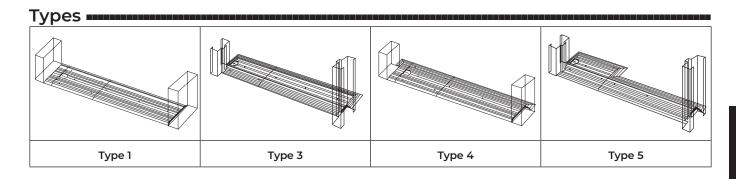
Note: Threshold prices include preparations for Rixson floor closers and pivots.

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

Sizes ===

Materials	Sizes Available	Single Doors to 36"	Pair of Doors to 72"	Add Per Inch
Mill Aluminum	400, 500, 600, 700, 800	\$938.00	\$1,876.00	\$26.40
Polished Aluminum	400, 500, 600, 700, 800	\$1,179.00	\$2,358.00	\$33.50
Mill Bronze	400, 500, 600, 700, 800	\$2,570.00	\$5,140.00	\$73.00
605, 606, 613 on Bronze	400, 500, 600, 700, 800	\$3,532.00	\$7,064.00	\$95.00

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



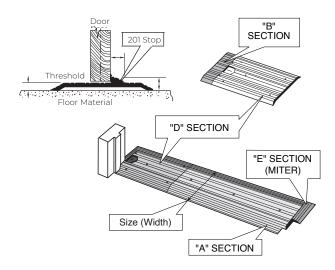


Thresholds Component

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	\$26.40 per inch
A Section Polished Aluminum	400, 500, 600, 700, 800	\$33.50 per inch
A Section Mill Bronze	400, 500, 600, 700, 800	\$73.80 per inch
B Section Mill Aluminum	600, 700, 800	\$98.00
B Section Polished Aluminum	600, 700, 800	\$121.00
B Section Mill Bronze	400, 500, 600, 700, 800	\$264.00
B Section 605, 606, 613 on Bronze	700, 800	\$244.00
D Section Mill Aluminum	700, 800	\$361.00
D Section Polished Aluminum	700, 800	\$479.00
D Section Mill Bronze	700, 800	\$838.00
D Section 605, 606, 613 on Bronze	400, 500, 600, 700, 800	\$1,069.00
E Section Mill Aluminum		\$213.00
E Section Polished Aluminum		\$247.00
E Section Mill Bronze		\$283.00
E Section 605, 606, 613 on Bronze		\$345.00





Thresholds Options How To Order

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

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

	Prefix	Description		Add
	PH	1/4" high - for ADA compliance 700 & 800 only		\$0.00
	Suffix	Description		
	Abrs Ctg	Abrasive Coating		50%
	Ext Miters	Miters in addition to those normally supplied - give qu	antity and location	Consult Factory
	MSFS	Metal Screws and Expansion Shields	Single Opening	\$9.90
	MISES	Metal Screws and Expansion Shields	Double Opening	\$19.80
	201	Aluminum. ADD \$4.00 per inch to list of threshold Bronze ADD \$24.30 per inch to list of threshold 605 ADD \$29.20 per inch to list of threshold 613 ADD \$34.10 per inch to list of threshold 606 ADD \$28.00 per inch to list of threshold		
	301	Step Down; not available for type 5		Add \$12.10 to standard door width thresholds \$2.40 per extra inch
- ११ -	501	Step Down; not available for type 5		Add \$12.10 to standard door width thresholds \$2.40 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	

How To Order

PH X	3	X 700 X	201	X 36	X 1-3/4	RH	27N	AL
Prefix	Туре	Size (width)	Options	Opening (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)	Abrasive Coating Extra Miters (specify qty & location) MSES Machine screws and lead shield 201 Applied stop 301 Step Down (specify location) 501 Step Down (specify location) Straight Ends (specify qty & location)	orc	nnot be Iered h 5 type	Blank Pair RH Right LH Left		AL Mill Aluminum BZ Mill Bronze 605 Polished Brass 606 Satin Brass 613 Bronze

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Electromagnetic Door Holder/ Releases

Options, see page127.

Electromagnet Door Holder/Delease

Electromagnet Door Ho	ider/Releases			
Model		Description	Price	
6 5	980M	Floor Mounted	\$1,126.00	
000	981M	Floor Mounted Back to Back Doors	\$1,484.00	
	989	Low Projection Wall	\$586.00	
(i) B	990M	Low Projection Wall	\$634.00	
	991M	Hazardous Location Wall	\$1,072.00	
	993M	High Hold Wall (with switch)*	41.07.4.00	
	9930M	High Hold Floor Mounted (with switch)*	\$1,234.00	
	994M	Wall Mounted Adjustable Armature	\$634.00	
	996M	Surface Mounted	\$671.00	
	997M	Wall Mounted	4 677.00	
	998M	Wall Mounted	\$634.00	
	999M	Universal Wall Mounted	\$849.00	
	972H	Swinging Door		
	972S	Sliding Door	\$1,246.00	
	972U	Overhead Door		

^{*} With no switch option, deduct \$73.00



Electromagnetic Door Holder/Releases Options How to Order

Options

Model		Description	Price
	996XK	1-1/2" Wall Extension/conversion kit	\$155.00
010	900	Armature Extension Base 1-1/2"	\$127.00
1/2 (13) ***	900-50	1/2" Spacer MUST BE USED WITH 900 BASE	
3/4 (19)	900-75	3/4" Spacer MUST BE USED WITH 900 BASE	\$67.00
1 (25) +-	900-100	1" Spacer MUST BE USED WITH 900 BASE	
2 (51)	900-200	2" Spacer MUST BE USED WITH 900 BASE	
(76)	900-300	3" Spacer MUST BE USED WITH 900 BASE	
(102)	900-400	4" Spacer MUST BE USED WITH 900 BASE	¢07.00
(127)	900-500	5" Spacer MUST BE USED WITH 900 BASE	\$83.00
(152)	900-600	6" Spacer MUST BE USED WITH 900 BASE	
7 (178)	900-700	7" Spacer MUST BE USED WITH 900 BASE	
- \frac{1-1/2}{(38)}	900-Z	90° Bend Spacer MUST BE USED WITH 900 BASE	\$127.00

How To Order

	998M Series	Х		x 689 Finish
980M 981M 989 990M 991M 993M 9930M 994M 996M 997M 998M 972H 972S 972U	Floor Mounted Floor Mounted Back to Back Doors Low Projection Wall Mounted Low Projection Wall Mounted Hazardous Location Mounted High Hold Wall Mounted	Blank Tri-volt For single voltage higher holding force products specify: 24VAC 24V/DC 12VDC 12VAC 120VAC 120VAC specify 12VDC, 24VDC or 120VDC for 972H, 972S, or 972U	693 696	Sprayed Aluminum Sprayed Dark Bronze Sprayed Light Bronze Sprayed Black Sprayed Brass



Electrified Closer/Holders Options How to Order

C	\sim	\sim	/		h	K ®	1	/
J)		u	n '	u		n	·	,

Model		Description	Price
	0600	Non-Detectored Pull Side Mounting	
	0601	Non-Detectored Push Side Mounting	\$1,367.00
	0602	Non-Detectored Holder on Pull Side Closer on Push Side	
0100		Non-Detectored Pull Side Mounting Holder Only	¢1 227 00
		Non-Detectored Push Side Mounting Holder Only	\$1,227.00

Quick Reference Options

Suffix	Description	Price
LC	Less Closer	Deduct \$420.00
TORX	Torx Screws	Add \$139.00
550789	550789 Deep Reveal/180° Swing Arm	\$461.00

How To Order

	0601 Series	x 120VAC Voltage		x 550789 Options		x 689 Finish
0600	Non-Detectored Pull Side Mounting	120VAC	LC	Less Closer Body	689	Sprayed Aluminum
0601	Non-Detectored Push Side Mounting	24VAC/DC	Torx	Security Screw	690	Sprayed Dark Bronze
0602	Non-Detectored Holder on Pull Side/ Closer on Push Side		550789	Arm	691 693	Sprayed Light Bronze Sprayed Black
0100	Non-Detectored Pull Side Mounting Holder Only				696 BSP	1, 3
0101	Non-Detectored Push Side Mounting Holder Only					White Suede



Electrified Closer/Holders Options How to Order

Smok Chek® VI				
Model		Description	Price	
	4 PULL	Non-Detectored Pull Side Mounting		
	4 PUSH	Non-Detectored Push Side Mounting	\$2,148.00	

Quick Reference Options						
Prefix		Price				
FS	Free Swing Arm (Pull Side Only)	Add \$61.00				
DE	Double Egress Arm (Pull Side Only)	Add \$97.00				
Suffix						
Torx	Security Screws	Add \$139.00				

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





Electrified Holders How to Order

CHECKMATE® 99

Model	Description	Price	
	99-726	Non-Detectored Push Side Mounting	
	99-926	Non-Detectored Pull Side Mounting	\$777.00

How To Order

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

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Heavy-Duty Floor Closers Parts Drawings

Model 27 -

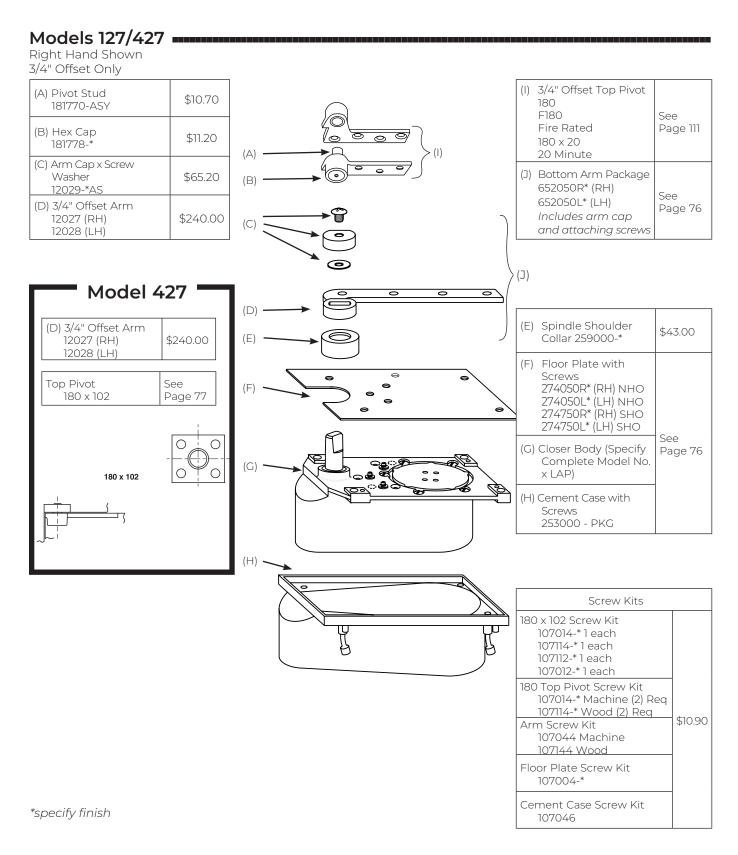
Right Hand Shown 3/4" Offset

3/4" Offset				
(A) Pivot Stud 181770-ASY	\$10.70		(L) 3/4" Offset Top Pivot Assembly	See
(B) Hex Cap 181778-*	\$11.20		180 (standard) F180 Fire Rated	Page 111
(C) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20	(M)	180-20 (20 minutes) (M) Bottom Arm Package 252050R* (RH) 252050L* (LH) Package includes: arm	
(D) 3/4" Offset Arm x Locking Screw 275177 (RH) 275176 (LH)	\$130.00		locking screw, arm cap and screw, spindle shoulder collar and attaching screws.	
(E) Arm Locking Screw Only 88905-PKG (5)	\$48.90	(E)	(I) Floor Plate x Screws 274050R* (RH) NHO/AHO 274050L* (LH)	See Page 77
(F) Arm Shims 275065-PKG (5)			NHO/AHO 274750R* (RH) SHO 274750L* (LH) SHO	
(G) Arm Bearing Washer 275062-PKG (5)	\$25.80	(H) →	(J) Closer Body	
(H) Spindle Shoulder Collar 259000-*	\$43.00		LAP Specify Complete Model	
For 27 x 1-1/2" Offs	set		(K) Cement Case x Screws 253000-PKG	
1-1/2" Offset Top Pivot 180 x 1-1/2"				
F180 x 1-1/2"	See		Screw Kits	1
Fire Rated 180 x 20 x 1-1/2 20 Minute	Page 77		80 Top Pivot Screw Kit 107014-* Machine (2) Reg	
1-1/2" Offset Arm x Locking Screw 275167-*	\$202.00		107114-* Wood (2) Req Arm Screw Kit 107044 Machine	\$10.90
1-1/2" Bottom Arm Package 252060R*	See Page 77		107144 Wood Floor Plate Screw Kit 107004 -*] \$10.30
252060L*			Cement Case Screw Kit	

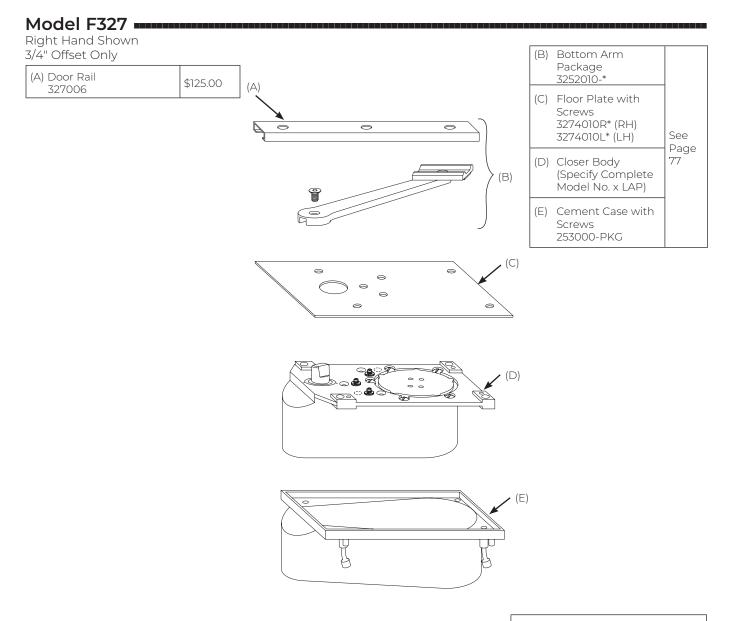
*specify finish

107046





USA & Canada Prices Effective September 19, 2022



Screw Kits	
Slide Track Screw Kit 107033	
Floor Plate Screw Kit 107004-*	\$10.90
Cement Case Screw Kit 107046	

*specify finish



Model L27 == Right Hand Shown For L27 x 3/4" Offset 3/4" Offset Only 0 0 (L) 3/4" Offset Top Pivot 0 0 F180 (L)(A) Pivot Stud FL180 See \$10.70 Page 111 181770-ASY Fire Rated L180 x 20 20 Minute (M) Bottom Arm Package (B) Hex Cap \$11.20 1-3/4" Door 181778-* 252051R* (RH) 252051L* (LH) 2" Door (C) Arm Cap & Screw 252052R* (RH) 252052L* (LH) 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) \$65.20 2-1/4" Door (D) **-**(E) 252053R* (RH) 252053L* (LH) 2-1/2" Door 012144R*AS (RH, SS) (M) 012144L*AS (LH, SS) 252054R* (RH) 252054L* (LH) (D) Arm x Locking Screw 1-3/4" Door \$244.70 3" Door 18550-Asy (RH) 252055R* (RH) 18650-Asy (LH) 252055L* (LH) Package includes: arm, (D) Arm x Locking Screw arm locking screw,arm 2" Door cap and screw, shoulder 18551-Asy (RH) collar and attaching See 18651-Asy (LH) screws. Page 78 (D) Arm x Locking Screw (H) Floor Plate with 2-1/4" Door Screws 18552-Asy (RH) 274050R* (RH) 18652-Asy (LH) NHO \$540.40 274050L* (LH) (D) Arm x Locking Screw NHO 2-1/2" Door 274750R* (RH) SHO 18553-Asy (RH) 274750L* (LH) SHO 18653-Asy (LH) (I) Closer Body (Specify (D) Arm x Locking Screw Complete Model No. 3" Door x LAP) includes 18554-Asy (RH) 41204- PKG 18654-Asy (LH) (E) Arm Locking Screw (J) Cement Case with Only \$48.90 Screws 88905-PKG (5) 253001 (F) Spindle Shoulder \$125.00 Collar 259500-* Screw Kits (G) Heavy-Duty Thrust L180 Screw Kit Bearing 107016-* Machine (2) Req \$12.40 \$138.00 41204-PKG (includes 107116-* Wood (2) Rea 41207N spacer) Arm Screw Kit. 107048 Machine 107144 Wood \$10.90 Floor Plate Screw Kit 107004-* Cement Case Screw Kit 107046

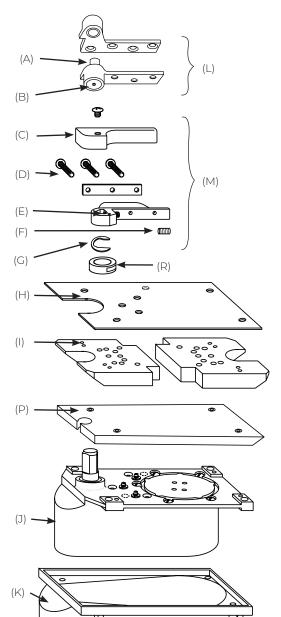
ASSA ABLOY

Heavy-Duty Floor Closers Parts Drawings

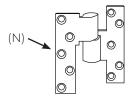
Model Q27/QT27 Right Hand Shown

3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(C) Arm Cap & Screw 73035R*AS (RH) 73035L*AS (LH)	\$65.20
(D) Arm Mounting Screws and Plate 73014-*	\$10.90
(E) Removable Arm 73001R-ASY (RH) 73001R-ASY (RH)	\$246.00
(F) Arm Locking Screw Only - 88905-PKG (5)	\$48.90
(G) Arm Washer/Shim Package - 275179 Includes 275065 and 275178 Torque Washer	\$49.90
(I) Q27 Styrofoam Filler 73009	\$52.40
(P) QT Styrofoam Filler 73017	\$10.90
(R) Spindle Shoulder Collar 259000-*	\$43.00



For Q27/QT27 x 3/4" Offs	set
(L) 3/4" Offset Top Pivot 180 F180 Fire Rated 180 x 20 20 Minute	See Page 1111
(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 79
3/4" Offset Intermediate Pivot M19 FM19 M19-20	See Page 112
(N) M19 Intermediate Pivot Screw Kit 107015-* Machine (2 Req) 107115-* Wood (2 Req)	\$10.90



Intermediate Pivot

(H) Q Floor Plate with Screws 294050R* (RH) NHO 294050L* (LH) NHO 294750R* (RH) SHO 294750L* (LH) SHO	See Page 79
(J) Closer Body (Specify Complete Model No. x LAP)	
(K) Cement Case with Screws 253000-PKG	

Screw Kits	
180 Screw Kit 107014-* Machine (2) Req 107114-* Wood (2) Req	
Q Floor Plate Screw Kit 107010-*	\$10.90
Cement Case Screw Kit	



Model HM27 Right Hand Shown 3/4" Offset Only (L) Bottom Arm Package (A) Arm Cap & Screw 222050R*HM (RH) 73025R*AS (RH) \$65.20 222050L*HM (LH) 73025L*AS (LH) Package includes: arm, (B) Arm Mounting arm locking screw, arm Screws and Plate \$10.90 cap and screw, arm 73014-* mounting plate, shoulder collar and attaching (L)(C) Arm x Set Screw screws 73041R*AS (RH) \$325.90 (H) Floor Plate with Screws 73041L*AS (LH) 274050R* (RH NHO (D) Arm Locking (E) 274050L* (LH) Screw Only See 88905-PKG (5) NHO Page 274750R* (RH) \$48.90 79 SHO (E) Arm Shims (5) 274750L* (LH) 275065-PKG SHO (I) Closer Body (F) Arm Bearing Washer (Specify Complete \$25.80 275062-PKG-5 Model No. x LAP) (J) Cement Case (G) Spindle Shoulder with Screws \$43.00 Collar 253000 - PKG 259000-* (K) Special Offset Hinges (3)254545*PK 0 0 Screw Kits Floor Plate Screw Kit 107004-*

*specify finish

\$10.90

Cement Case Screw Kit

107046 Hinge screw kit 107519-*

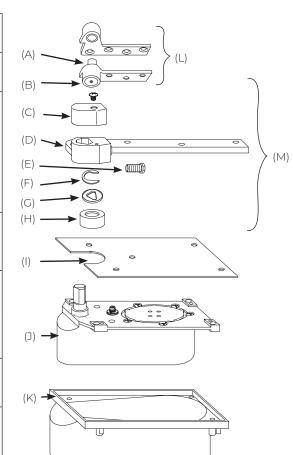
ASSA ABLOY

Medium-Weight Floor Closers Parts Drawings

Model 20

Right Hand Shown 3/4" Offset Only

٥, ١	Onset Only	
(A)	Pivot Stud 181770-ASY	\$10.70
(B)	Hex Cap 181778-*	\$11.20
(C)	Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20
(D)	3/4" Offset Arm x Locking Screw 275177 (RH) 275176 (LH)	\$130.00
(E)	Arm Locking Screw Only 88905-PKG (5)	\$48.90
(F)	Arm Shims 275065-PKG (5)	
(G)	Arm Bearing Washer 275062-PKG (5)	\$25.80
(H)	Spindle Shoulder Collar 259000-*	\$43.00

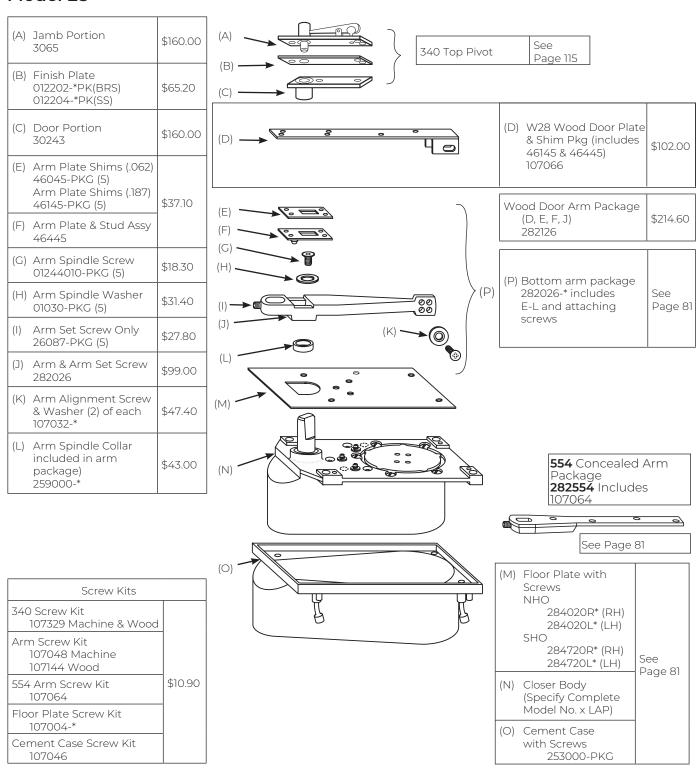


(L)	3/4" Offset Top Pivot 180 FL180 Fire Rated 180 - 20 20 Minute	See Page 111
Pa ari ca co) Bottom Arm Package 252050R* (RH) 252050L* (LH) ckage includes: arm, m locking screw,arm p and screw, shoulder llar and attaching rews.	
(1)	Floor Plate with Screws 204050-*	See Page 80
(J)	Closer Body (Specify Complete Model No. x LAP)	
(K)	Cement Case with Screws 203000	

Screw Kits	
180 Screw Kit 107014-* Machine (2) Req 107114-* Wood (2) Req	
Arm Screw Kit 107044-* Machine (2) Req 107144-* Wood (2) Req	\$10.90
Floor Plate Screw Kit 107004-*	
Cement Case Screw Kit 107046	



Model 28

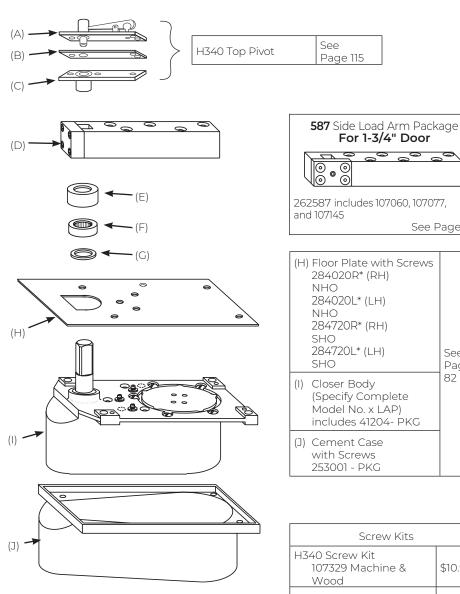


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Heavy-Duty Floor Closers Parts Drawings

Model H28

(A) Jamb Portion 308548	\$557.00
(B) Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$65.20
(C) Door Portion 30141	\$557.00
(D) Standard End Load Arm Package (minimum 2" door thickness) 262022 includes 107060, 107045, and 107145	See Page 82
(E) Arm Spindle Collar 259500-*	\$125.00
(F) Heavy-Duty Thrust Bearing 41204-PKG	\$138.00
(G) Arm Shim Kit 107060	\$15.00



107329 Machine & \$10.90 587 Arm Screw Kit 107077 Machine \$17.80 107145-* Wood \$10.90 Arm Screw Kit 107045 Machine 107145 Wood \$10.90 Floor Plate Screw Kit 107004-* Cement Case Screw Kit 107046

*specify finish

See Page 82

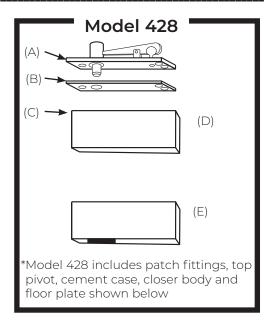
See

Page 82

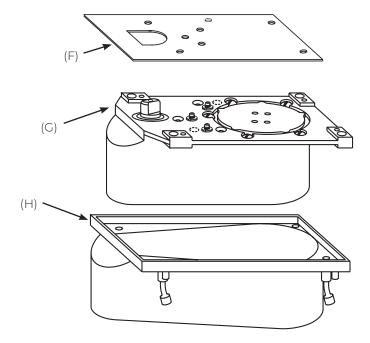


Model 328/428

(A) Jamb Portion 42801	\$160.00
(B) Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$65.20
(C) Door Portion 7495 - *	\$228.00
Bottom Insert Pivot 74101	¢61.70
Top Pivot Insert 74102	\$61.30



(D)	Top Patch 7494-* PK (includes items C & K)	
(E)	Bottom Patch 7495-* PK (includes items C & J)	
(F)	Floor Plate with Screws NHO - 284020R* (RH) 284020L* (LH) SHO- 284720R* (RH) 284720L* (LH)	See Page 83
(G)	Closer Body (Specify Complete Model No. x LAP)	
(H)	253000-PKG Cement Case with Screws	

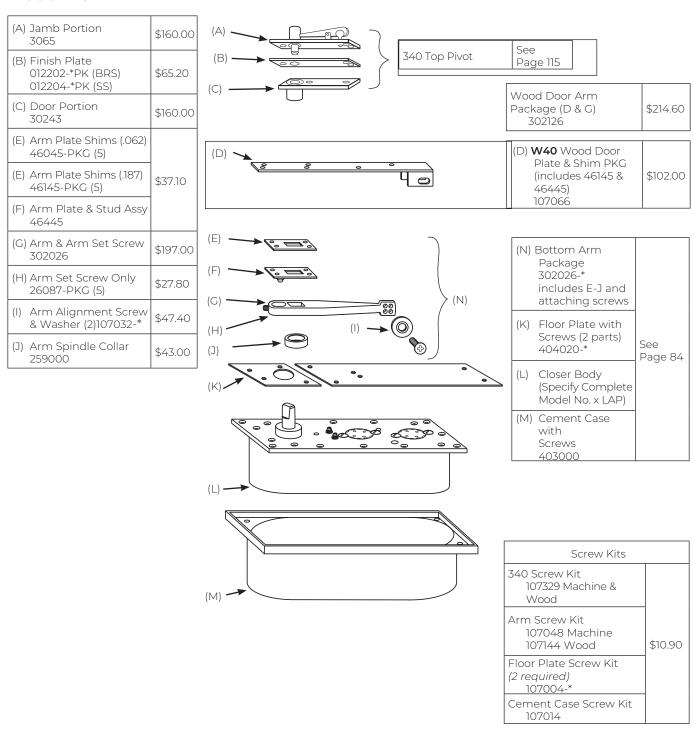


Model 30

(A) Jamb Portion 3065	\$160.00	(A) • • • • • • • • • • • • • • • • • • •	
(B) Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$65.20	(B) See Page 115	
(C) Door Portion 30243	\$160.00		
(E) Arm Plate Shims (.062) 46045-PKG (5) Arm Plate Shims (.187) 46145-PKG (5)	\$37.10	(D) W30 Wood Doo Plate & Shim PK (includes 46145 & 46445) 107066	
(F) Arm Plate & Stud Assy 46445		(E) Co ES	
(G) Arm & Arm Set Screw 302026	\$197.00	(F)	
(H) Arm Set Screw Only 26087-PKG (5)	\$27.80	(G) (N) (N)	
(I) Arm Alignment Screw & Washer (2) 107032-*	\$47.40	(N) Bottom Arm Package 302026-* includes E-J and attaching	
(J) Arm Spindle Collar 259000-*	\$43.00	(K) screws	
		(K) Floor Plate with Screws (2 parts) 304020-*	See Page 84
		(L) Closer Body (Specify Comple Model No. x LAP	te)
		(M) Cement Case with Screws 303000	
		Wood Door Arm Package (D & J) 302126	\$214.60
		Screw Ki	ts
		H340 Screw Kit 107329 Machine & Wood	
		Arm Screw Kit 107048 Machine 107144 Wood	\$10.90
		Floor Plate Screw Ki (2 required) 107004-*	
		Cement Case Screw 107014	Kit

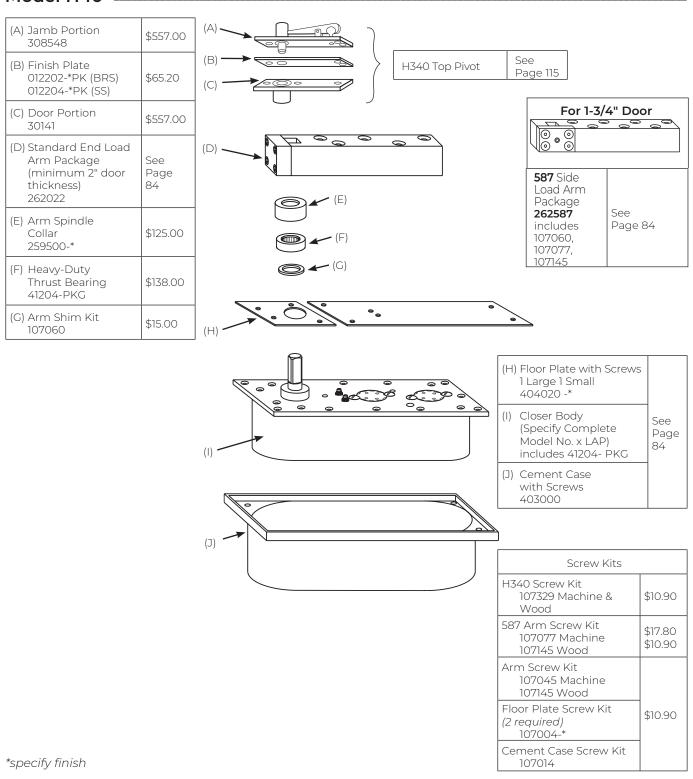


Model 40





Model H40





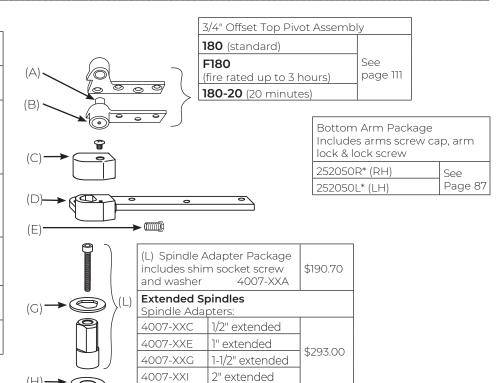
Shallow Depth Floor Closers Parts Drawings

ASSA ABLOY

Model 51

519000-*

Right Hand Shown 3/4" Offset					
(A) Pivot Stud 181770-ASY	\$10.70				
(B) Hex Cap 181778-*	\$11.20				
(C) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20				
(D) 3/4" Offset Arm x Locking Screw 275177 (RH) 275176 (LH)	\$130.00				
(E) Arm Locking Screw Only 88905- PKG (5)	\$48.90				
(G) Arm Bearing Washer 275062-PKG (5)	\$25.80				
(H) Spindle Washer 519000-*	\$18.10				



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 111
1-1/2" Offset Arm x Locking Screw 275167-*	\$202.00
1-1/2" Offset Bottom Arm pkg 252060-*	See Page 88

()	() Floor Plate with Screws 4000500R* XXE (RH) 4000500L* XXE (LH)	
(1	Closer Body (Specify Complete Model No. x LAP)	See Page 87
(J	Cement Case with Screws 4000301	

Screw Kits	
180 Screw Kit 107014 Machine(2) Req 107114 Wood (2) Req	\$10.90
Arm Screw Kit 107044 Machine 107144 Wood	
Floor Plate Screw Kit 107004-*	
Cement Case Screw Kit 107075	

USA & Canada Prices Effective September 19, 2022

Model F5300 & F5310

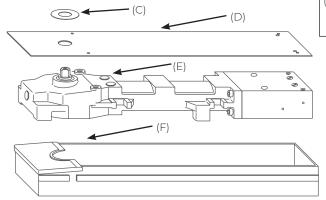
(A) Door Rail 327006	\$125.00	
(C) Spindle Washer 539000-*	\$18.30	

0	0	0	(A)
		> (B)	

tom Arm Package
)-*
)-*

- (D) Floor Plate with Screws 4000600-*XXA 4000600-*XXE ("BC")
- (E) Closer Body (specify complete model no. x LAP)

(F) Cement Case with Screws 4000301



Spindle Adapter Package includes socket screw			
Extended Spindle Adapters			
4009-*XXC	1/2" extended		
4009-*XXE	1" extended	\$293.00	
4009-*XXG	1-1/2" extended		
4009-*XXI	2" extended		

Screw Kits	
Floor Plate Screw Kit 107004-*	
Cement Case Screw Kit 107075	\$10.90
Slide Track Screw Kit 107033	

*specify finish

See

Page 88

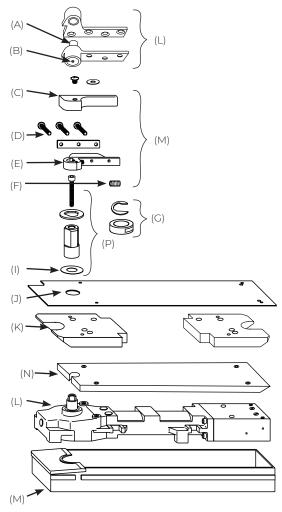


ASSA ABLOY

Model Q51/QT51

Right Hand Shown 3/4" Offset

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(C) Arm Cap & Screw 73035R*AS (RH, BRS) 73035L*AS (LH, BRS)	\$65.20
(D) Q/QT27 Arm Mounting Screws & Plate 73014-*	\$10.90
(E) Removable Arm 73001R-ASY (RH) 73001L-ASY (LH)	\$246.00
(F) Arm Locking Screw Only 88905-PKG (5)	
(G) Arm Washer and Shim PKG 275179 (includes Shim 275065 and 275178 Torque Washer)	\$48.90
(I) Spindle Washer 519000-X	\$18.10



(L) 3/4" Offset Top Pivot 180 FL180 Fire Rated 180 - 20 20 Minute	See Page 111
(M) Bottom Arm Package 222050R* (RH) 222050L* (LH)	See Page 89

(P) Spindle Package shims & 4007-XX	e includes washer	\$293.00
Extended Spindles Spindle Adapters:		
4007-XXF	1/2" extended	¢207.00
4007-XXH	1" extended	\$293.00

(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 (LH, "DA")	See Page 89
(K)	Q51 Styrofoam Filler 4000-023	¢05.00
(N)	QT51 Styrofoam Filler 4000-019	\$95.00
(L)	Closer Body (Specify complete model no. x LAP)	See
(M)	Cement Case w/ Screws 4000301	Page 89



Intermediate Pivot

3/4" Offset Intermediate Pivot (1) M19 See FM19 Page Fire Rated 112 M19-20 20 Minute

Screw Kits		
180 Screw Kit 107014 Machine(2) Req 107114 Wood (2) Req		
Q Floor Plate Screw Kit 107010-*		
Cement Case Screw Kit 107075	\$10.90	
M19 Intermediate Pivot Screw Kit 107015 Machine (2) Req 107115 Wood (2) Req		

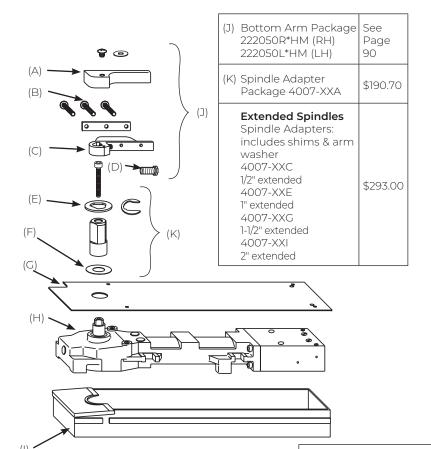
*specify finish

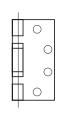
ASSA ABLOY

Model HM51

Right Hand Shown 3/4" Offset Only

(A) Arm Cap & Screw 73025R*AS (RH) 73025L*AS (LH)	\$65.20
(B) HM51 Arm Mounting Screws & Plate 73014-*	\$10.90
(C) Arm Cap & Screw 73041R*AS (RH) 73041L*AS (LH)	\$325.90
(D) Arm Locking Screw Only 88905 - (5)	\$48.90
(E) Arm Bearing Washer 275062-PKG (5)	φ 10.50
(F) Spindle Washer 519000-*	\$18.10





Special Offset Hinges (3)	
254545R*PK (RH)	See
254545L*PK (LH)	Page 90

(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

90

Page

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

> screws 4000301

Screw Kits	
Floor Plate Screw Kit 107004-*	
Cement Case Screw Kit	\$10.90

*specify finish

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Hinge screw kit 107519-*



Model 50 & 5020**■**

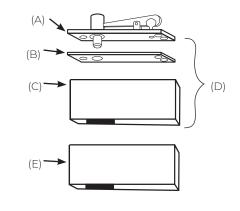
(A) Jamb Portion 3065	\$160.00	(A) See (B) See Page 115	
(B) Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$65.20	(C) (L)	0
(C) Door Portion 30243	\$160.00	(L) 554 Concealed Arm Package	See
(D) W28 Wood Door Plate/Shim Pkg (includes 46145 & 46445)	\$102.00	(E) 282554 Note: Cannot be used on model 5020 (G) (M) Floor Plate with	Page
107066 Wood door arm pkg. 282126		(M) Floor Plate with Screws 4000600-*XXE BC") 4000600-*XXI("DA")	
(E) Arm Plate Shims (.062) 46045-PKG (5) Arm Plate Shims (.187) 46145-PKG (5)	\$37.10	(H) (I) (N) Closer Body (Specify Complete Model No. x LAP) (O) Cement Case with	See Page 91or
(F) Arm Plate & Stud Assy 46445		Screws 4000301	
(G) Arm & Arm Set Screw 282026	\$99.00	(K) Bottom Arm Package 282126	\$214
(H) Arm Set Screw Only 26087-PKG (5)	\$27.80		
(I) Arm Alignment Screw & Washer (107032 -*)	\$47.40		
(J) Spindle Adapter Package 4010-XXA	\$230.50		
Extended Spindles Spindle Adapters			
4010-XXC 1/2" extended		(0)	
4010-XXE 1" extended	\$330.00	Screw Kits	
4010-XXG 1-1/2" extended		554 Arm Screw Kit	
4010-XXI 2" extended		107064	
(K) Spindle Washer 519000-*	\$18.10	Floor Plate Screw Kit 107004-*	
	l	Cement Case Screw Kit 107075	
		340 Screw Kit 107329 Machine & Wood	\$10.9
		Arm Screw Kit	

ASSA ABLOY

Model 5040 ■

Right Hand Shown 3/4" Offset

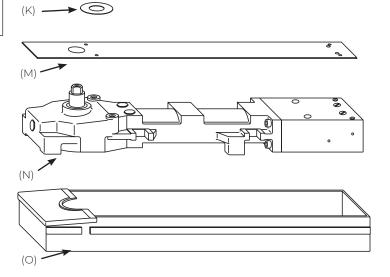
(A) Jamb Portion 42801	\$160.00
(B) Finish Plate 012202-*PK (BRS) 012204-*PK (SS)	\$65.20
(C) Patch Filling 7495-*	\$228.00
Bottom Pivot Insert 74101	¢C170
Top Pivot Insert 74102	\$61.30



(D)	Top Patch 7494* PK	
(M)	Floor Plate with Screws 4000600-*XXE BC") 4000600-*XXI("DA")	
(N)	Closer Body (Specify Complete Model No. x LAP)	See Page 92
(0)	Cement Case with Screws 4000301	
(E)	Bottom Patch	

7495-*PK (includes items C & J)

(K) *Spindle	
washer	\$18.10
519000-*	



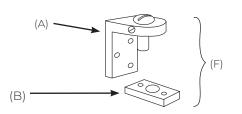
Screw Kits	
Floor Plate Screw Kit 107004-*	
Cement Case Screw Kit 107075	\$10.90
340 Screw Kit 107329 Machine & Wood	



SPECIALTY CLOSERS **Parts Drawings**

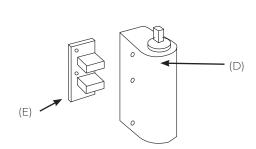
Model 354 ■

(A) Jamb Portion 01960-*AS	\$252.00
(B) Gate Portion 35064-*AS	\$75.80
(E) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$134.00



O

(F)	Top Pivot Package 3541020-*	See Page 95
(C)	Arm with Screws 3542026-*	
(D)	Closer Body X03540370-* Includes Bracket	

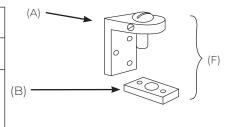


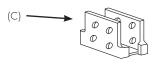
Screw Kits	
Top Pivot Screw Kit 107017-*	\$12.40
Closer Mtg. Screw Kit 107350	\$9.50

^{*}specify finish - sprayed finishes only

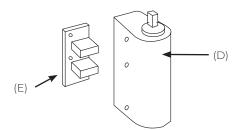
Model 355 •

(A) Jamb Portion 0490-*AS	\$252.00
(B) Gate Portion 35064-*AS	\$75.80
(E) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$134.00





(F)	Top Pivot Package 3551020-*	
(C)	Arm with Screws 3542026-*	See Page 95
(D)	Closer Body X03540370-* Includes Bracket	



Screw Kits	
Top Pivot Screw Kit 107017	\$12.40
Closer Mtg. Screw Kit 107350	\$9.50

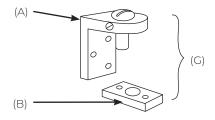
*specify finish

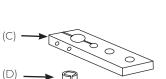
SPECIALTY CLOSERS Parts Drawings

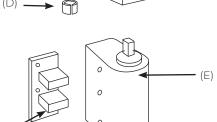
ASSA ABLOY

Model 356

(A) Jamb Portion 01960-*AS	\$252.00
(B) Gate Portion 35064-*AS	\$75.80
(D) Bushing Only (included in arm package) 35051	\$38.90
(F) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$134.00







(G) Top Pivot Package 3541020-*	
(C) Arm with Screws 3562020-*	See Page 95
(E) Closer Body X03540370-* Includes Bracket	

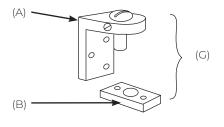
Screw Kits	
Top Pivot Screw Kit 107017 -*	\$12.40
Arm Screw Kit 107359	¢0.50
Closer Mtg. Screw Kit 107350	\$9.50

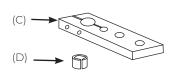
*specify finish - sprayed finishes only

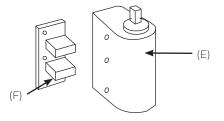
Model 357

(A) Jamb Portion 0490-*AS	\$252.00
(B) Gate Portion 35064-*AS	\$75.80
(D) Bushing Only (included in arm package) 35051	\$38.90
(F) Bracket 3549000-* Includes Closer Mtg Screw Kit	\$134.00

Top Pivot Screw Kit 107017-*	\$12.40
Arm Screw Kit 107359	
Closer Mtg. Screw Kit 107350	\$9.50







(G) Top Pivot Package 3551020-*	
(C) Arm with Screws 3562020-*	See Page 95
(E) Closer Body X03540370-*	

Includes Bracket

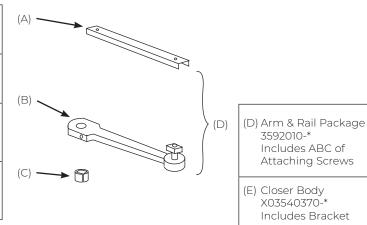
*specify finish - sprayed finishes only

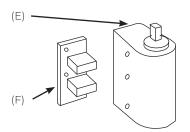


SPECIALTY CLOSERS Parts Drawings

Model 359

(A) Rail 35510-*	\$89.60
(B) Arm with Screw & Bushing 35535-*	\$525.00
(C) Bushing Only (included in arm package) 35051	\$38.90
(F) Bracket 3549000-* Includes Closer Mtg. Screw Kit	\$134.00





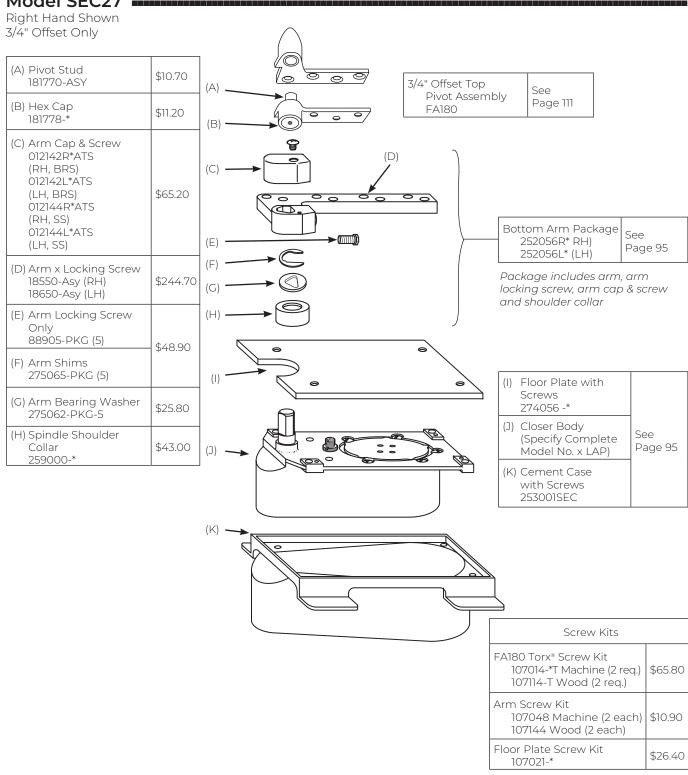
Screw Kits	
Arm Screw Kit 107003	\$19.50
Closer Mtg. Screw Kit 107350	\$9.50

See Page 95



SPECIALTY CLOSERS Parts Drawings

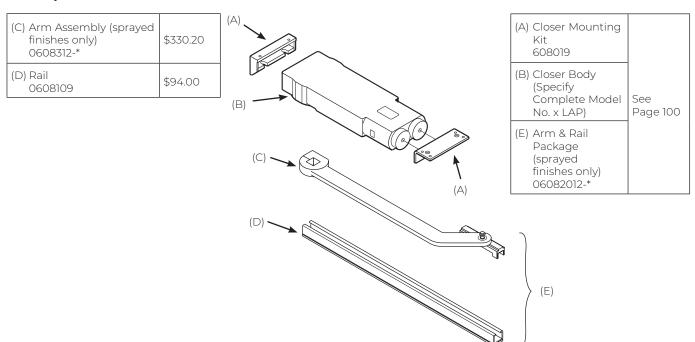
Model SEC27



*specify finish



0608/AW0608 •

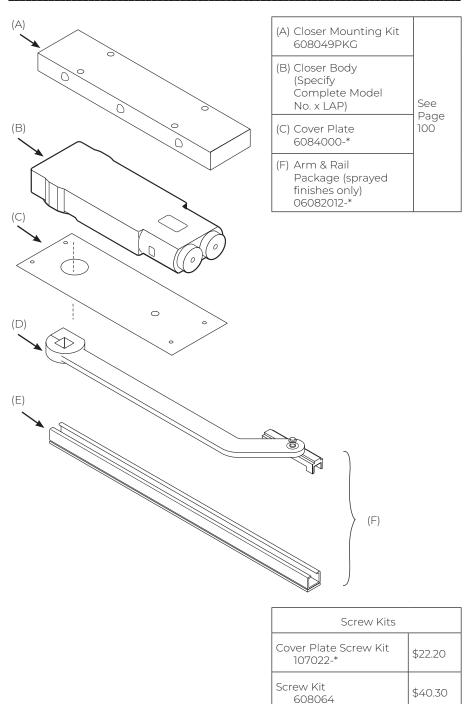


	Screw Kit	
Screw k 608064	(it	\$40.30

*specify finish

M0608/MW0608/W0608

(D) Arm Assembly (sprayed finishes only) 0608312-*	\$330.20
(E) Rail 0608109	\$94.00

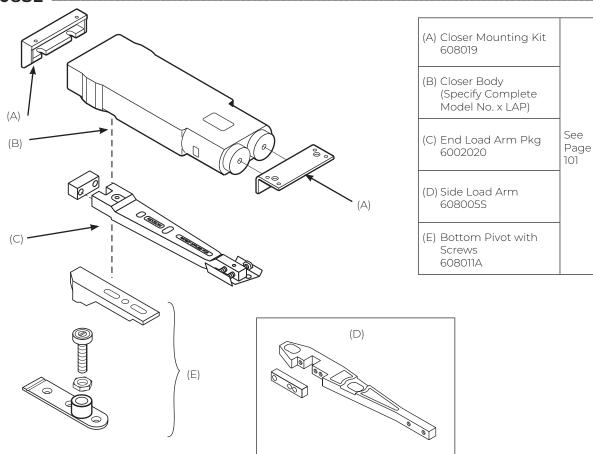


*specify finish

155

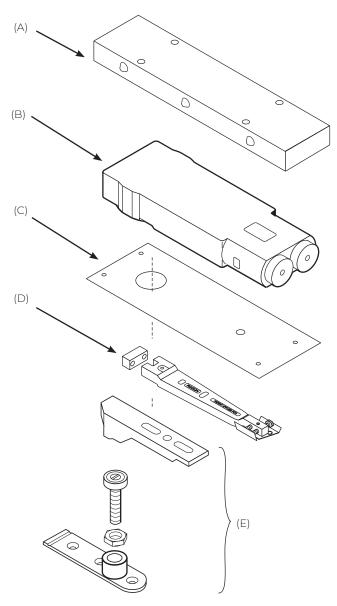


608EL/608SL I



Screw Kit	
Arm Screw Kit (Includes arm end block) 107065	\$48.90
Bottom Pivot Screw Kit 107143	\$10.90

M608 -----

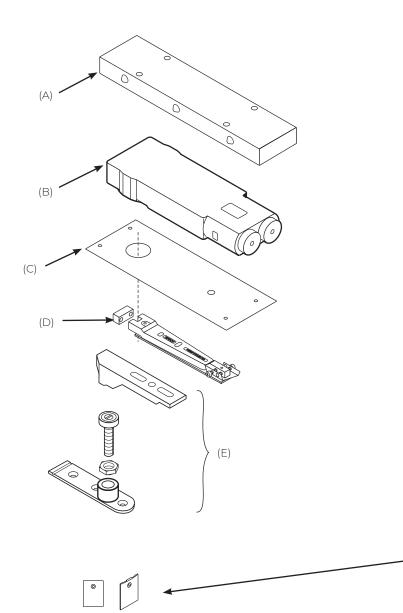


(A) Closer Mounting Kit 608049PKG	
(B) Closer Body (Specify Complete Model No. x LAP)	
(C) Cover Plate 6084000 - *	See Page 101
(D) Arm Package 6002020	
(E) Bottom Pivot 608011A	

Screw Kits	
Arm Screw Kit 107065	\$48.90
Cover Plate Screw Kit 107022-*	\$22.20
Bottom Pivot Screw Kit 107143	\$10.90



MW608/W608



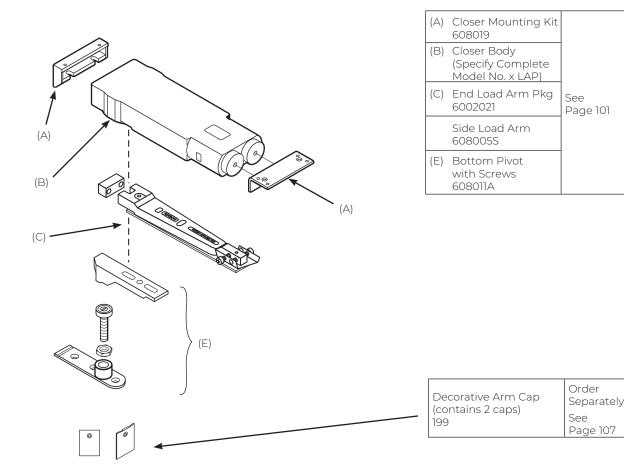
(A) Closer Mounting Kit 608049PKG	
(B) Closer Body (Specify Complete Model No. x LAP)	See Page 101
(C) Cover Plate 6084000 - *	
(D) Arm Package 6002021	
(E) Bottom Pivot 608011A	

Decorative Arm Cap	Order Separately See Page 107

Screw Kits	
Bottom Pivot Screw Kit 107143	\$10.90
Arm Screw Kit 107065 Includes arm end block	\$48.90
Cover Plate Screw Kit 107022-*	\$22.20

*specify finish

AW608 •



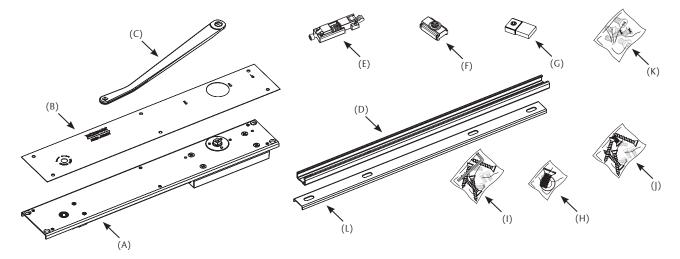
Screw Kits	
Arm Screw Kit (Includes arm end block) 107065	\$48.90
Cover Plate Screw Kit 107022	\$22.20
Bottom Pivot Screw Kit 107143	\$10.90

91DCP

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)	\$245.00
Left Hand Arm Package 90236-DCP***PKG (includes 90236, 90283 and 90253)	
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00

(A) Closer Body (Specify hand, function x LAP)	See Page 103
(B) Cover Plate 90272-*** (LH) 90275-*** (RH)	\$72.00 (painted) \$473.00 (plated)
(C) Arm 90236-DCP*** (LH) 90237-DCP*** (RH)	\$159.00
(D) Track 90239	\$87.00



(E) Hold Open Asembly 90254	\$116.00	
(F) Slider 90253	¢00.00	
(G) Non-Hold Open Stop Block 90255	\$86.00	
(H) Arm Screw Kit 90283-***	\$19.00	
(I) Closer Screw Kit 90241-***	\$26.00	
(J) Track Screw Kit 90242	\$5.00	
(K) Cover Plate Screw Pack 90278-***	\$30.00	
(L) Optional Track Spacer for Retrofit Applications 90260	\$30.00	

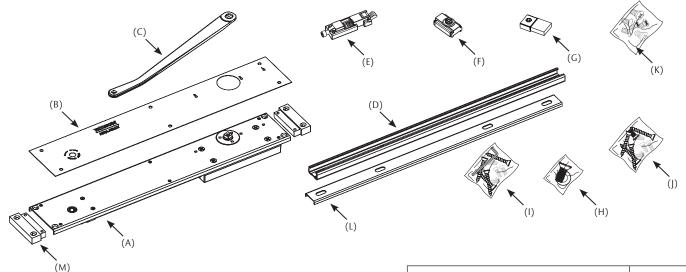
Left hand shown *** - specify finish (ex. 689)

W91DCP -----

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)	\$245.00
Left Hand Arm Package 90236-DCP***PKG (includes 90236, 90283 and 90253)	
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00

(A) Closer Body (Specify hand, function x LAP)	See Page 103
(B) Cover Plate 90272-*** (LH) 90275-*** (RH)	\$72.00 (painted) \$473.00 (plated)
(C) Arm 90236-DCP*** (LH) 90237-DCP*** (RH)	\$159.00
(D) Track 90239	\$87.00



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

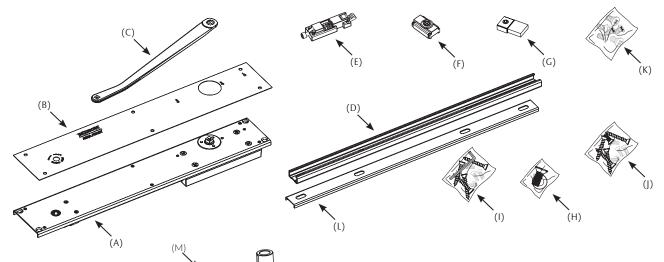
(E) Hold Open Asembly 90254	\$116.00
(F) Slider 90253	¢0C 00
(G) Non-Hold Open Stop Block 90255	\$86.00
(H) Arm Screw Kit 90283-***	\$19.00
(I) Closer Screw Kit 90241-***	\$26.00
(J) Track Screw Kit 90242	\$5.00
(K) Cover Plate Screw Pack 90278	\$30.00
(L) Optional Track Spacer for Retrofit Applications 90260	\$30.00
(M) Wood Mounting Clips 90257-***	\$226.00

93

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)	¢2/E00
Left Hand Arm Package 90236-DCP***PKG (includes 90236, 90283 and 90253)	\$245.00
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00

(A) Closer Body (Specify hand, function x LAP)	See Page 104
(B) Cover Plate 90272-*** (LH) 90275-*** (RH)	\$72.00 (painted) \$473.00 (plated)
(C) Arm 90236-DCP*** (LH) 90237-DCP*** (RH)	\$159.00
(D) Track 90239	\$87.00



Left hand shown

(E) Hold Open Asembly 90254	У	\$116.00
(F) Slider 90253		\$86.00
(G) Non-Hold Open St 90255	op Block	
(H) Arm Screw Kit 90283-***		\$19.00
(I) Closer Screw Kit 90241-***		\$26.00
(J) Track Screw Kit 90242		\$5.00
(K) Cover Plate Screw 90278-***	Pack	\$30.00
(L) Optional Track Spa Applications 90260	icer for Retrofit	\$30.00
(M) 270 Pivot 70224KIT-***		\$600.00

USA & Canada Prices Effective September 19, 2022

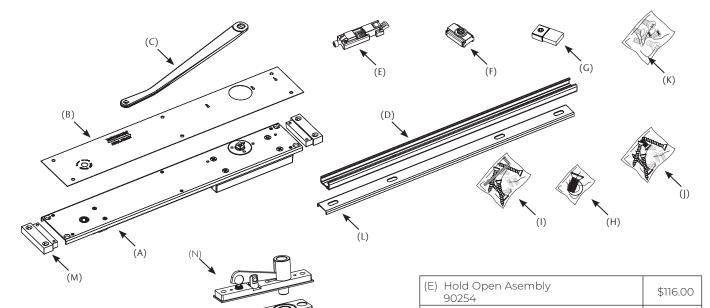
*** - specify finish (ex. 689)

W93 **•••**

The packages in this box may use buy program discounts.

Right Hand Arm Package 90237-DCP***PKG (includes 90237, 90283 and 90253)	
Left Hand Arm Package 90236-DCP***PKG (includes 90236, 90283 and 90253)	\$245.00
Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00

(A) Closer Body (Specify hand, function x LAP)	See Page 104
(B) Cover Plate 90272-*** (LH) 90275-*** (RH)	\$72.00 (painted) \$473.00 (plated)
(C) Arm 90236-DCP*** (LH) 90237-DCP*** (RH)	\$159.00
(D) Track 90239	\$87.00



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

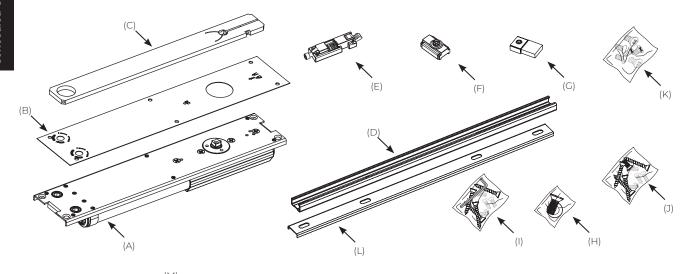
Slider 90253 \$86.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$19.00 90283-*** (I) Closer Screw Kit \$26.00 90241-*** (J) Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$30.00 (L) Optional Track Spacer for Retrofit Applications \$30.00 90260 (M) Wood Mounting Clips \$226.00 90270-*** (N) 270 Pivot \$600.00 70224KIT-***

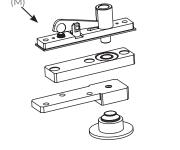
73

The packages in this box may use buy program discounts.

Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00
Arm Package 70218-***PKG	\$339.00 (painted) \$738.00 (plated)

(A) Closer Body (Specify hand, function x LAP)	See Page 104
(B) Cover Plate 70202-***	\$72.00 (painted) \$473.00 (plated)
(C) Arm 70218-***	\$159.00
(D) Track 90239	\$87.00







Hold Open Asembly \$116.00 90254 Slider \$86.00 Non-Hold Open Stop Block 90255 (H) Arm Screw Kit 70251-*** \$19.00 Closer Screw Kit \$26.00 90241-*** Track Screw Kit \$5.00 90242 Cover Plate Screw Pack \$30.00 90278-*** Optional Track Spacer for Retrofit Applications \$30.00 90260 (M) 270 Pivot \$600.00 70224KIT-*** (N) Slider Centering Hug \$19.00 70219

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

\$116.00

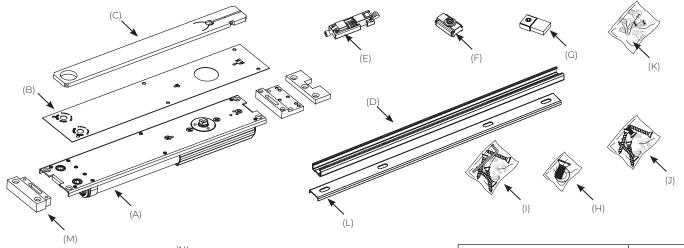
Overhead Concealed Closer Parts Drawings

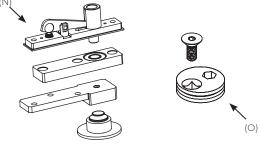
W73 -----

The packages in this box may use buy program discounts.

Non-Hold Open Track Assembly 90255-ASY (includes 90255, 90242 and 90239)	\$162.00
Hold Open Track Assembly 90254-ASY (includes 90254, 90242 and 90239)	\$196.00
Arm Package 70218-***PKG	\$339.00 (painted) \$738.00 (plated)

(A) Closer Body (Specify hand, function x LAP)	See Page 104
(B) Cover Plate 70202-***	\$72.00 (painted) \$473.00 (plated)
(C) Arm 70218-***	\$159.00
(D) Track 90239	\$87.00





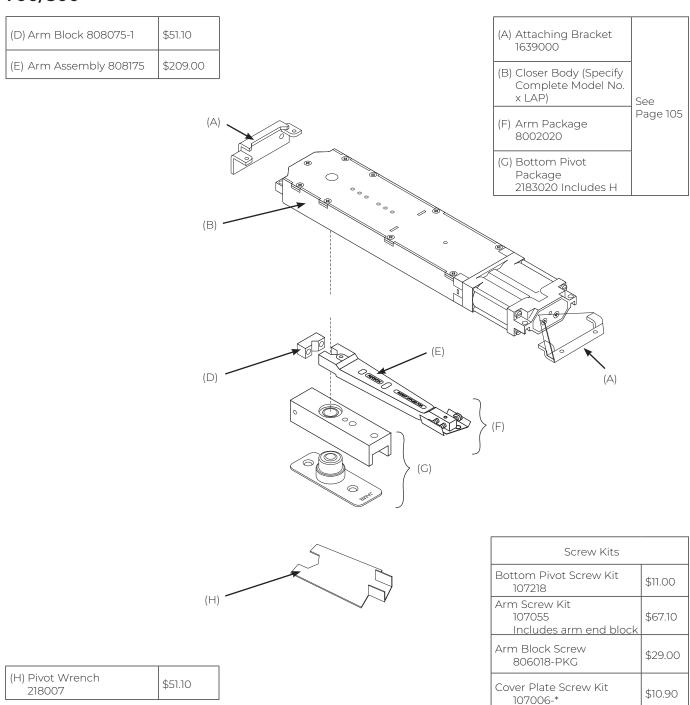
90254 Slider 90253 \$86.00 (G) Non-Hold Open Stop Block 90255 (H) Arm Screw Kit \$19.00 70251-*** (I) Closer Screw Kit 90241-*** \$26.00 (J) Track Screw Kit \$5.00 90242 (K) Cover Plate Screw Pack \$30.00 (L) Optional Track Spacer for **Retrofit Applications** \$30.00 90260 (M) Wood Mounting Clips \$226.00 70270-*** (N) 270 Pivot \$521.00 70224-*** (O) Slider Centering Hub \$19.00 70219

Hold Open Asembly

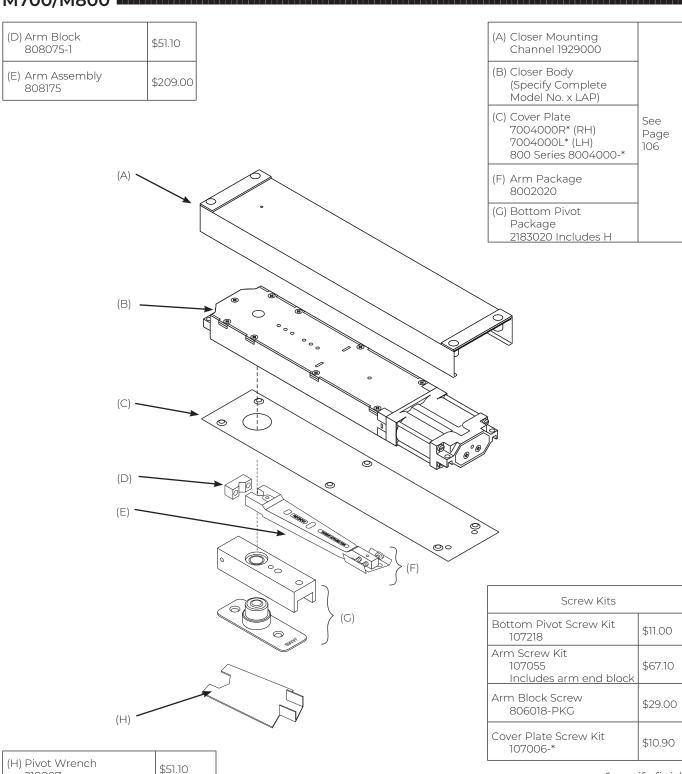
Left hand shown
*** - specify finish (ex. 689)



700/800 -



M700/M800 ----



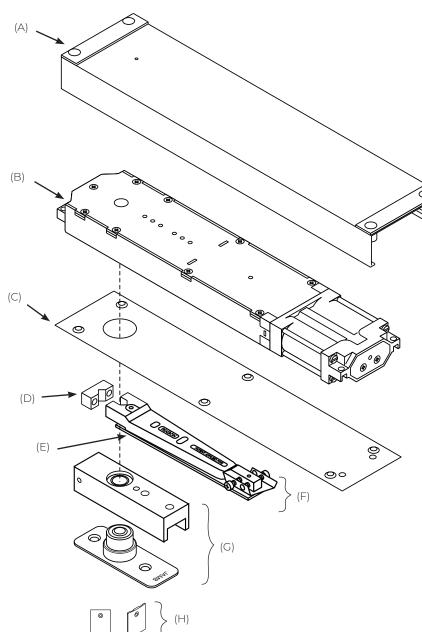
*specify finish

218007



MW700/MW800 =

(D) Arm Block 808075-1	\$51.10
(E) Arm Assy 808174	\$194.00



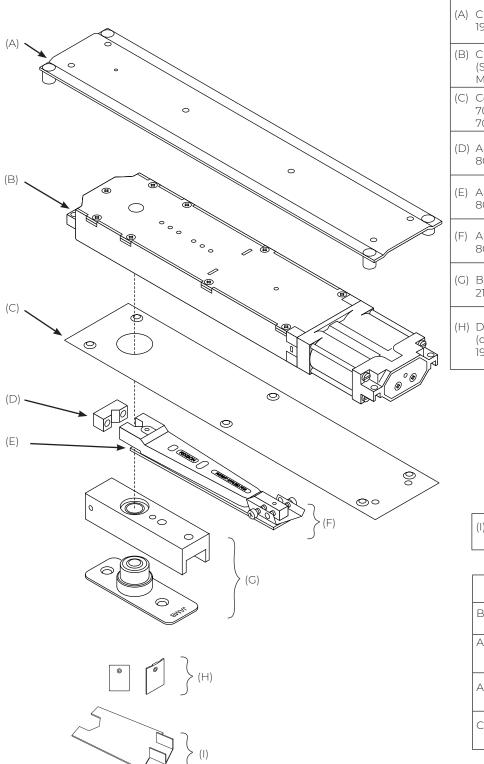
(A) Closer Mounting Channel 1929000	
(B) Closer Body (Specify Complete Model No. x LAP)	
(C) Cover Plate 7004000R* (RH) 7004000L* (LH) 800 Series 8004000-*	See Page 104
(F) Arm Package 8002021	
(G) Bottom Pivot 2183020 Includes I	
(H) Decorative Arm Cap (contains 2 caps) 1990906-* (612 or 627 only)	Order Separately See Page 107

(1)	Pivot Wrench 218007	\$51.10
	210007	

Screw Kits	
Bottom Pivot Screw Kit 107218	\$11.00
Arm Screw Kit 107055 Includes arm end block	\$67.10
Arm Block Screw 806018-PKG	\$29.00
Cover Plate Screw Kit 107006-*	\$10.90

*specify finish

W700/W800 =



	(A)	Closer Mounting Plate 1989000	
	(B)	Closer Body (Specify Complete Model No. x LAP)	See Page 105
	(C)	Cover Plate 7004000R* (RH) 7004000L* (LH)	
	(D)	Arm Block 808075-1	\$51.10
	(E)	Arm Assembly 808174	\$194.00
•	(F)	Arm Package 8002021	See
	(G)	Bottom Pivot 2183020 (Includes I)	Page 106
	(H)	Decorative Arm Cap (contains 2 caps) 1990906* (612&627 only)	Order Separately See Page 107

(1)	Pivot Wrench 218007	\$51.10
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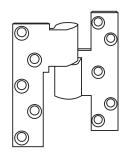
Screw Kits	
Bottom Pivot Screw Kit 107218	\$11.00
Arm Screw Kit 107055 Includes arm end block	\$67.10
Arm Block Screw 806018-PKG	\$29.00
Cover Plate Screw Kit 107006-*	\$10.90

*specify finish



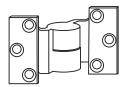
Intermediate Pivots Parts Drawings

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



Model	Description	Price	
107015-*	Metal Screws for One Leaf	#10.00	
107115-*	Wood Screws for One Leaf	\$10.90	
181778-*	Hex Cap	\$11.20	
219, 319 and 419 Also Use:			
107059-*	Includes Screws and Backplate	\$246.00	
	Torx® Available - Suffix "T"	Add \$101.50 to each kit	

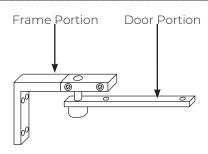
119 Intermediate Pivot



Model	Description	Price	
107014-*	Metal Screws for One Leaf	410.00	
107114-*	Wood Screws for One Leaf	\$10.90	
	Torx® Available - Suffix "T"	Add \$101.50	

Top Pivot and Pocket Pivots Parts Drawings

Angle Pivot-3 ==

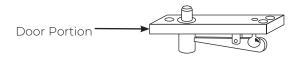


Model	Description	Price
107047*	Includes Screws and Stud	\$142.00
30243	Door Portion	\$160.00
30814**	Frame Portion (handed)	\$514.00

Torx® not available.

Top Pivot 340 x 102

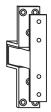




Model	Description	Price
10210 AS	Jamb Portion	\$275.00
3065	Door Portion	\$160.00
107012*	Jamb Portion Screw Kit	\$10.70
107329	Door Potion Screw Kit	\$10.90

Torx® not available.

F519 Pocket Pivot



Model	Description	Price
619005-*	Screw Kit	\$15.90
	Torx® Available	Add \$101.50

^{*}specify finish



Pivots & Pivot Sets Parts Drawings

(C) 180 Top Pivot

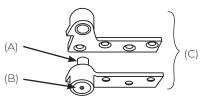
Page 111

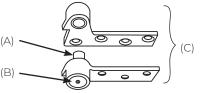
ASSA ABLOY

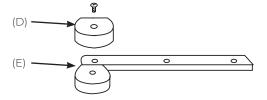
117-1/4 Pivot Set -

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(D) Arm Cap and Screw 12029-*AS	\$65.20
(E) Arm LH 11706LASY	41.77.00
(E) Arm RH 11705RASY	\$143.00
(F) Floor Portion Assy RH 17406R*AS	# 560.00
(F) Floor Portion Assy LH 17406L*AS	\$569.00









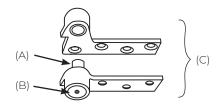
Screw Kits	
180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$10.90
117-1/4 Screw Kit 117127 - *	\$64.80

*specify finish

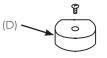
117, F117 Pivot Set Right Hand Shown

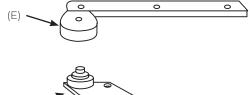
3/4" and 1-1/2" Offset

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(D) Arm Cap and Screw 12029-*AS	\$65.20
(E) 3/4" Offset Arm LH 11706LASY	41 /7.00
(E) 3/4" Offset Arm RH 11705RASY	\$143.00
(E) 1-1/2" Offset Arm LH 11706L15*	¢277.70
(E) 1-1/2" Offset Arm RH 11705R15*	\$273.30
(F) 117 Floor Portion Assy 17526-*AS	\$569.00
(F) F117 Floor Portion Assy 17559-*AS	\$512.00



(C) 180 Top Pivot See (for Fire-Rated Doors, Page 111 order F180)





Screw Kits	
180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$10.90
Bottom Pivot Screw Kit 117127 - *	\$64.80

*specify finish

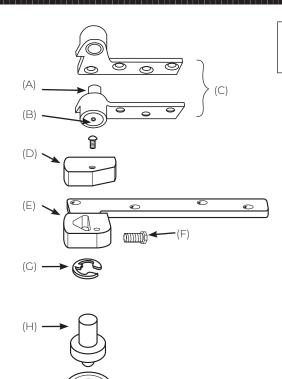


Pivots & Pivot Sets Parts Drawings

147, F147 Pivot Set Right Hand Shown

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

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20
(E) Arm x Locking Screw 3/4" Offset 275177 RH 3/4" Offset 275176 LH	\$130.00
(E) Arm x Locking Screw 1-1/2" Offset 275167-*	\$202.00
(F) Arm Lock Screw Pkg (5 per) 88905-PKG	\$48.90
(G) Arm Shim Kit (2 per) 107071	\$25.80
(H) Spindle Stud 14714	\$37.10
(I) 147 /F147 Floor Portion x Bearing 14721-*AS	\$529.00



(C) 180 Top Pivot (for Fire-Rated Doors order F180)

See Page 111

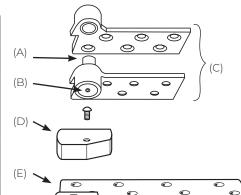
Screw Kits	
147/F147 Bottom Pivot Screw Kit 107062-* includes 107071	\$36.30
180/F180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	
Arm Screw Kit 107044 Machine 107144 Wood	\$10.90



L147, FL147 Pivot Set

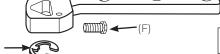
Right Hand Shown

3/4" Offset Only	
(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20
(E) Arm x Locking Screw 1-3/4" Door 18550-Asy RH 18650-Asy LH	\$244.70
(E) Arm x Locking Screw 2" Door 18551-Asy RH 18651-Asy LH	
(E) Arm x Locking Screw 2-1/4" Door 18552-Asy RH 18652-Asy LH	\$540.40
(E) Arm x Locking Screw 2-1/2" Door 18553-Asy RH 18653-Asy LH	рэ 4 0.40
(E) Arm x Locking Screw 3" Door 18554-Asy RH 18654-Asy LH	
(F) Arm Lock Screw Pkg (5 per) 88905-PKG	\$48.90



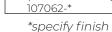
(C) L180 Top Pivot See (for Fire-Rated Doors Page 111 order FL180)

(G) Arm Shim Kit (2 per) 107071	\$65.20
(H) Spindle Stud 14714	\$37.10
(I) L147 Floor Portion x Bearing 14721-*AS	\$529.00





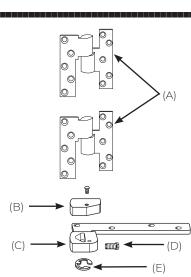
(includes "E" ring shim)



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)	\$65.20
(C) Arm x Locking Screw 275177RH 275177RH	\$130.00
(D) Locking Screw Pkg (5 per) 88905-Pkg	\$65.20
(E) Arm Shim Kit (2 per) 107071	\$25.80
(F) Spindle Stud 14714	\$37.10
(G) 147 Floor Portion x Bearing 14721-*AS	\$529.00



(A) M190 Intermediate Pivot (For Fire-Rated Doors order FM190)	See Page 112
147 Bottom Pivot Screw Kit (includes 107071) 107062-*	\$36.30

*specify finish

\$36.30



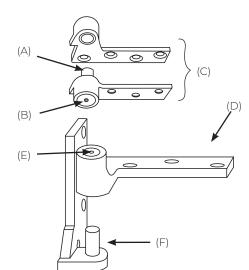
Pivots & Pivot Sets Parts Drawings

ASSA ABLOY

195 Pivot Set

Right Hand Shown 3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$10.70	
(B) Hex Cap 181778-*	\$11.20	
(D) Door Portion Asy RH 19503-*AS	¢.00.00	
(D) Door Portion Asy LH 19504-*AS	\$400.00	
(E) Cap 19511-*	\$17.80	
(F) Jamb Portion Asy RH 19501-*AS	¢=10.00	
(F) Jamb Portion Asy LH 19502-*AS	\$512.00	



(C) 180 Top Pivot See Page 111

Screw Kits		
180 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)		
195 Screw Kit 107014 - * Machine (2 req.) 107114 - * Wood (2 req.)	\$10.90	

*specify finish

173 Pivot Set • Right Hand Shown 3/4" Offset Only (A)0 (A) Pivot Stud \$10.70 (C) See 181770-ASY (C) 180 Top Pivot Page 111 Hex Cap \$11.20 181778-* (B) (D) Arm Cap and Screw \$65.20 12029-*AS (E) Arm LH 11706L*AS \$143.00 Arm RH 11705R*AS (F) Spindle Stud \$34.50 173003 (G) Spindle collar \$78.90 Screw Kits 173001 180 Screw Kit (H) Mounting Bolt \$40.70 107014 - * Machine (2 req.) 173002 107114 - * Wood (2 req.) \$10.90 (J) Floor Anchor Bottom Arm Screw Kit \$26.40 173010 107044- Machine 107144- Wood 1-1/2" Offset Arm 1-1/2" Offset Arm LH 11706L15* \$143.00 1-1/2" Offset Arm RH 11705R15*

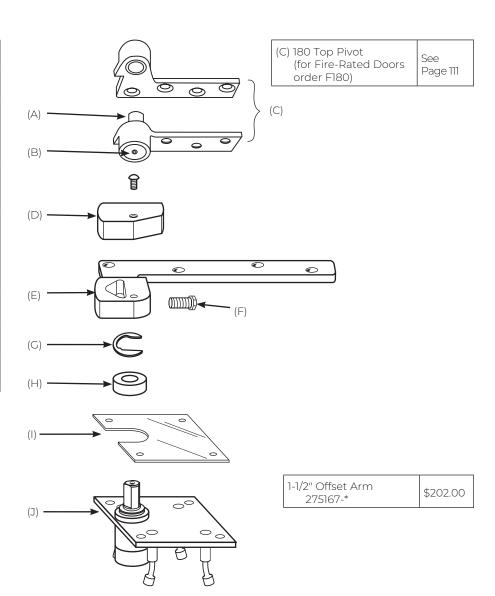
USA & Canada Prices Effective September 19, 2022



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

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

(A) Pivot Stud 181770-ASY	\$10.70
(B) Hex Cap 181778-*	\$11.20
(D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20
(E) Arm x Locking Screw 3/4" Offset 275177 RH 3/4" Offset 275176 LH	\$130.00
(F) Arm Lock Screw Pkg (5 per) 88905-PKG	\$48.90
(G) Arm Shim Kit (5 per) 275065-PKG	\$25.80
(H) Spindle Shoulder Collar 16301A*	\$43.00
(I) Floor Plate x Screws 1174050-*	\$141.00
(J) 117-1/2 & F117-1/2 Floor Portion Assembly X01176350	\$876.00





*specify finish



L117, FL117 Pivot Set Right Hand Shown

3/4" Offset Only

(A) Pivot Stud 181770-ASY	\$10.70	
(B) Hex Cap 181778-*	\$11.20	
(D) Arm Cap & Screw 012142R*AS (RH, BRS) 012142L*AS (LH, BRS) 012144R*AS (RH, SS) 012144L*AS (LH, SS)	\$65.20	(A) (C) (C) L180 Top Pivot (for Fire-Rated Doors order FL180) See Page 11
(E) Arm x Locking Screw 1-3/4" Door 18550-ASY RH 18650-ASY LH	\$244.70	Note: FL is available for 1-3/4" doors only
(E) Arm x Locking Screw 2" Door 18551-ASY RH 18651-ASY LH		
(E) Arm x Locking Screw 2-1/4" Door 18552-ASY RH 18652-ASY LH		(E) (F)
(E) Arm x Locking Screw 2-1/2" Door 18553-ASY RH 18653-ASY LH	\$540.40	(G) ————————————————————————————————————
(E) Arm x Locking Screw 3" Door 18554-ASY RH 18654-ASY LH		
(F) Arm Lock Screw Pkg (5 per) 88905-PKG	\$48.90	
(G) Arm Shim Kit (5 per) 275065-PKG	\$48.90	
(H) Spindle Shoulder Collar 259500-*	\$125.00	
(I) Heavy-Duty Thrust-Bearing 41204-PKG	\$138.00	
(J) Floor Plate x Screws 1174050-*	\$141.00	Screw Kits
(K) Floor Portion Assembly X01176351 Includes 41204-PKG	\$876.00	L180/F180 Screw Kit 107016 - * Machine (2 req.) 107116 - * Wood (2 req.)
ciddes 11204 FRO		Arm Screw Kit 107048 - * Machine (2 req.) 107114 - * Wood (2 req.) \$10.90
		Floor Plate Screw Kit

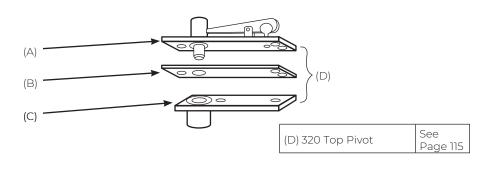
*specify finish Special Note: FL117 is available for 1-3/4" doors only

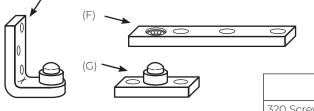
107004 - * Machine (2 req.)



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

1 ' '	op Pivot Jamb Portion 540-ASY	\$170.00
1 1	op Pivot Plate x Screws 2724-*PK(SS) 2720-*PK (BRS)	\$65.20
1 ' '	op Pivot Door Portion 2716	\$164.00
\ \ \ \ \ \	lamb Portion & Stud Assembly 127-3/4 Only 2711-*	\$415.00
	Arm & Bearing Assembly 2714 Door Portion	\$119.00
` /	Floor Pivot & Stud Assembly 128-3/4 Only 71521-*AS	\$240.00



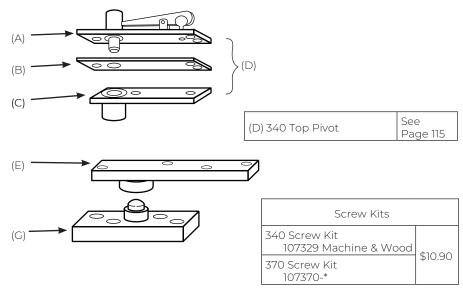


Screw Kits	
320 Screw Kit 107340 Machine & Wood	\$10.90
127-3/4 & 128-3/4 Screw Kit 117127-*	\$64.80

*specify finish

370 Pivot Set

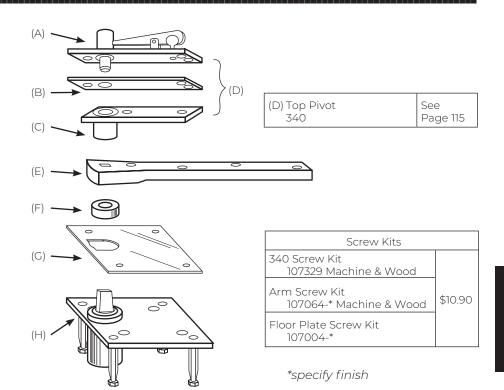
(A) Top Pivot Jamb Portion 3065	\$160.00
(B) Finish Plate x Screws 012202-*PK (BRS) 012204-*PK (SS)	\$65.20
(C) Top Pivot Door Portion 30243	\$160.00
(E) Arm 22131	\$181.00
(G) Floor Portion and stud 22121-*	\$302.10





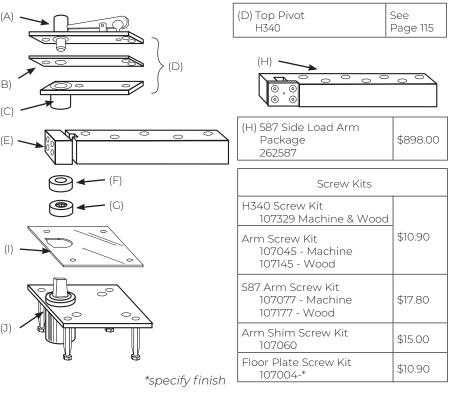
117-3/4 Pivot Set •

(A) Top Pivot Jamb Portion 065	\$160.00
(B) Top Pivot Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$65.20
(C) Top Pivot Door Portion 30243	\$160.00
(E) Arm 185.75	\$290.00
(F) Spindle Shoulder 16301A	\$43.00
(G) Floor Plate x Screws 1174020-*	\$142.00
(H) Floor Portion Assembly X01176320	\$867.00



H117-3/4 Pivot Set ---

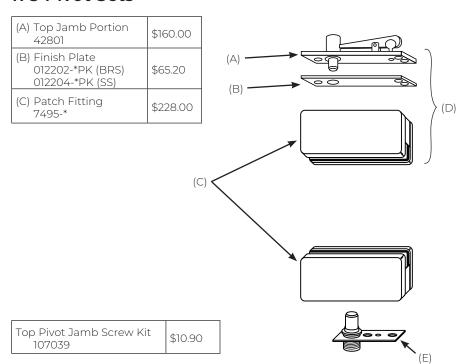
(A)	Top Pivot Jamb Portion 308548	\$557.00
(B)	Top Pivot Finish Plate 012202-*PK(BRS) 012204-*PK(SS)	\$65.20
(C)	Top Pivot Door Portion 30141	\$557.00
(E)	Standard End Load Arm Package 262022	\$898.00
(F)	Spindle Shoulder Collar 259500-*	\$125.00
(G)	Heavy-Duty Thrust Bearing 41204-PKG	\$138.00
(1)	Floor Plate x Screws 1174020-*	\$142.00
(J)	Floor Portion Assembly X01176322 Includes 41204-PKG	\$1,502.00



USA & Canada Prices Effective September 19, 2022

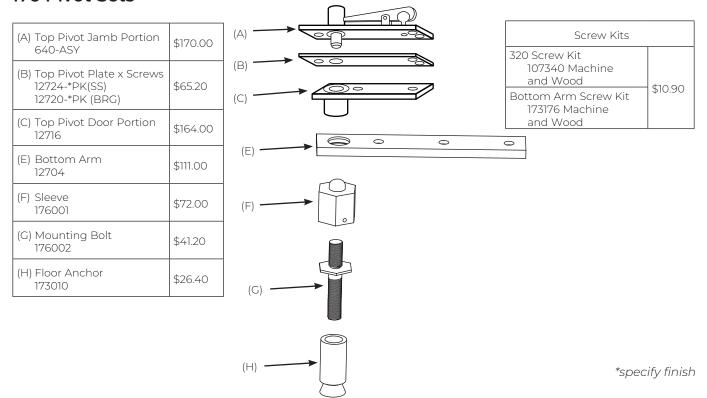


178 Pivot Sets •



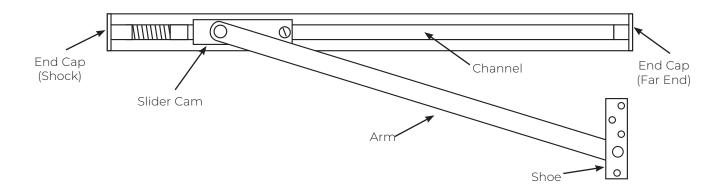
(D) Top Patch	See
7494-* PK	Page 92
(E) Bottom Pivot Floor Portion 74104	\$142.00

176 Pivot Sets



Checkmate® Stops & Holders Parts Drawings

Checkmate® ------



End Caps 1, 2, 9 & 10 only			
1.00	Shock End Block	6003	¢27.70
1&9	Far End Block	6004	\$24.30
2 & 5	Far End Block	5059 (2 req.)	\$4.20
10	Far End Block	5011 (2 req.)	\$3.20
Screw k	(its		
1	Friction or Stop	6487-*	\$45.60
	Hold Open	6998N*	\$62.60
2	Friction or Stop	5999-*	\$87.00
6	Stop	6487-*	\$45.60
7	Friction or Stop	3880-*XXXA	\$61.70
8	Friction or Stop	5897-*	\$58.00
9	Friction or Stop	6468-*	\$44.20
	Hold Open	6997N*	\$48.00
10 & 55	Friction or Stop	5998-*	\$73.60

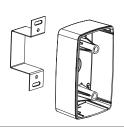
^{*}specify finish

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

Adapter Kits			
2 & 10	Hold Open Friction Adapter	5012-PKG	\$32.20



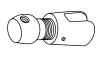
Accessories



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

XK996M Part 996631M-* Page 127

* specify finish



Base Unit Armature
Extension Mounts between
armature and contact
plate.

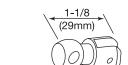
Part 900 Cannot be used with Model 994

See Page 127

900-100 (25)

900-50

900-75



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

See Page 127



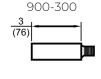
Armature Extension 90°	
Bend	
Part 900-Z	Coo
Must be used with 900 base	See Page 12
unit. Those two pieces will	Page 12
extend armature 3" longer	
than the contact plate.	

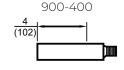
Extension pieces must be used in conjunction with 900 Base Unit	
Part 900-50	
Part 900-75	
Part 900-100	See
Part 900-200	Page 127
Part 900-300	
Part 900-400	
Part 900-500	
Part 900-600	
Part 900-700	

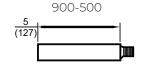
*specify finish



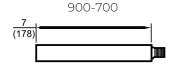
900-200













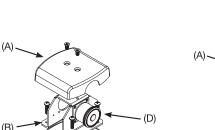
Used with Model 980M/981M ■

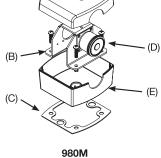
Floor Portion

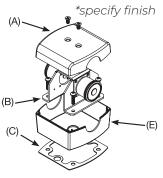
(A) Magnet Housing Cover 980311M-*/981311M-*	\$507.30
(B) Magnet Support Bracket 981309	\$46.50
(C) Gasket 980095M	\$30.80
(D) Magnet **996219-3V (tri-volt only)	\$228.00
(E) Magnet Housing Base 980312M-*/981312M-*	\$310.00

^{*}specify finish

^{**} For other voltages, contact factory for specific part numbers





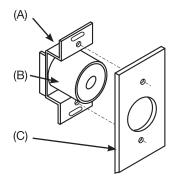


981M

Used with Model 990M, 989

(A) Magnet Bracket 990002	\$49.40
(B) Magnet **996219-3V (tri-volt only)	\$228.00
(C) Wall Cover Plate 990001	\$82.00

^{*}specify finish



Screw Kits	
Screw Kit for 990M 990300-*	\$36.50

Screw Kits

\$117.00

\$149.00

Screw Kit for 980M

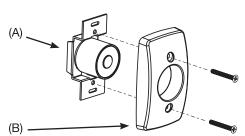
980328-* Screw Kit for 981M

981328-*

Used with Model 994M, 997M, 998M

(A) Magnet Assembly and Bracket **998369-3V (tri-volt only)	\$263.00
(B) Cover 998315-*	\$102.00

^{*}specify finish



Screw Kits	
Screw Kit for 997, 997M/998M 998300-*	¢ (1.00
Screw Kit for 997, 998M 998303-*	\$41.00

Caroux Kita

^{**} For other voltages, contact factory for specific part numbers

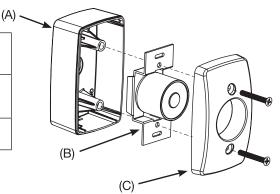
^{*}specify finish

^{**} For other voltages, contact factory for specific part numbers



Used with Model 996M •

		(_
	(A) Surface Mounting Box Housing 996501M-*	\$142.00	
	(B) Magnet Assembly and Bracket **996369-3V (tri-volt only)	\$263.00	
	(C) Cover 998315M-*	\$102.00	



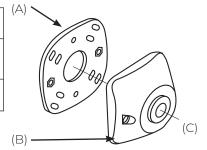
Screw Kit	S
Screw Kit for 996M 996325-*	\$41.00

*specify finish

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

Used with Model 999M ****

(A Base Plate 999105	\$108.00
(B) Cover 999055-*	\$402.00
(C) Magnet **996219-3V (tri-volt only)	\$228.00



Screw Kit	S
Screw Kit for 999M 999318-*	\$41.00

*specify finish

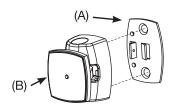
** For other voltages, contact factory for specific part numbers

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

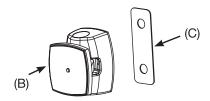
(A) Backup Plate 900314	**
(B) Door Armature 997510M-*	\$183.00
(C) **Door Plate 998009	**

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

Door portion screws included with Wall/Floor parts.



Surface Applied Concelaed Mounting Recommended for Solid Wood Doors Only



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



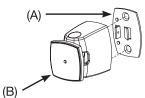
Used with Model 998M, 999M

(A) **Backup Plate 900314	**
(B) Door Armature 998512M-*	\$183.00
(C) **Door Plate 998009	**

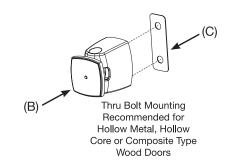
**Not Sold Separately – See Screw Kit

*specify finish

Door portion screws included with Wall/Floor parts.



Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only



Screw Kit for 998M 998303-*

\$41.00

Used with Model 994M

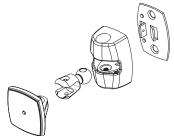
(A) **Backup Plate 900314	**
(B) Door Armature 994510M-* (includes D)	\$197.00
(C) **Door Plate 998009	**

**Not Sold Separately – See Screw Kit

*specify finish

Door portion screws included with Wall/Floor parts.





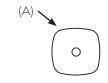
Surface Applied Concealed Mounting Recommended for Solid Wood Doors Only

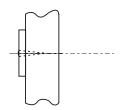


Thru Bolt Mounting Recommended for Hollow Metal, Hollow Core or Composite Type Wood Doors



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



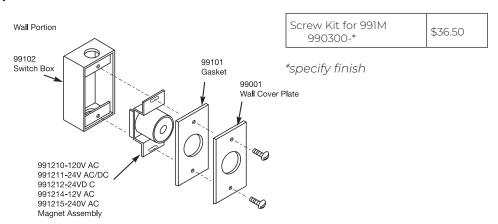


*specify finish



Used with Model 991M

(A) Switch Box 991002	\$370.00
(B) Magnet Assembly 991210-120 VAC 991211-24 VAC/DC 991212-24 VDC 991214-12 VAC 991215-240 VAC	\$578.00
(C) Gasket 991001	\$44.80
(D) Wall Cover Plate 990001	\$82.00

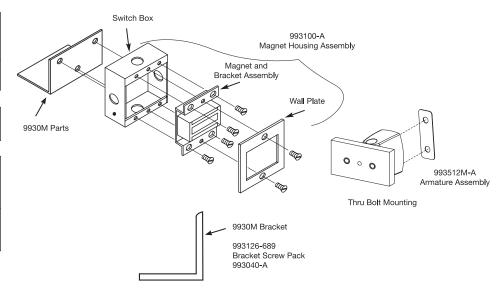


Used with Model 993M/9930M

(A) Magnet Housing Assembly 993100-A	\$950.00
(B) Armature Assembly 993512M-A	\$651.00

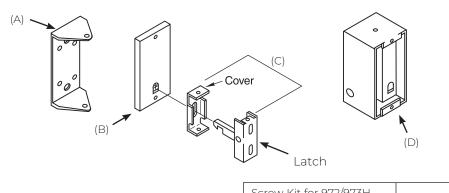
1	Screw Kit for 993M:	\$24.80
1	993300-A	\$24.80

(C) Bracket for floor mounting (Model 9930M) 993126-*	\$149.00
Screw kit for angle bracket 993040-*	\$52.40



Used with Model 972H

(A) "U" Bracket 972041	\$127.00
(B) Cover 972102	\$179.00
(C) Latch Unit 972106	\$281.00
(D) Box 972100 972112 972118 972120	\$1,002.00

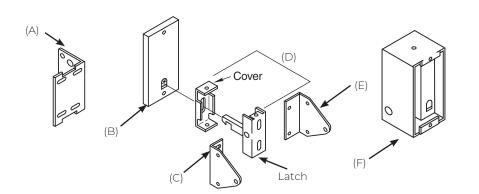


Screw Kit for 972/973H 972190

\$92.00

Used with Model 972S

(A) Angle Bracket 972040	\$76.00
(B) Cover 972102	\$179.00
(C) Flat Latch Bracket 972044	\$70.40
(D) Latch Unit 972106	\$281.00
(E) Threaded Latch Bracket 972043	\$70.10
(F) Box 972100 972112 972118 972120	\$1,002.00

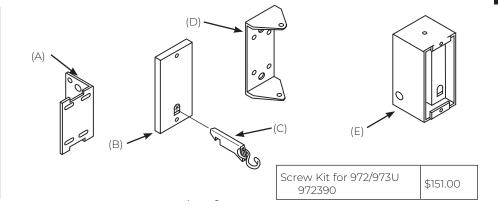


Screw Kit for 972/973S 972290

\$92.00

Used with Model 972U

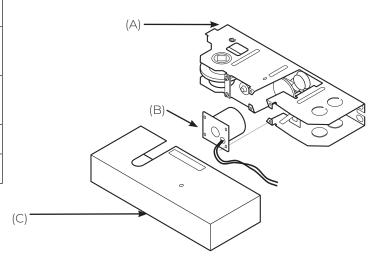
(A) Angle Bracket 972040	\$76.00
(B) Cover 972102U	\$179.00
(C) Latch Arm 972105	\$92.00
(D) "U" Bracket 972041	\$127.00
(E) Box 972100 972112 972118 972120	\$1,002.00

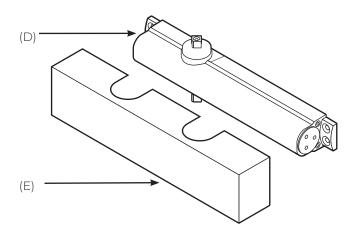




SMOK-CHEK® V =

(A) Holder Assembly 550100 120VAC 550101 24VAC/DC	\$783.00
(B) Magnet 930105 120VAC 930106 24VAC/DC	\$229.00
(C) Holder Cover (non-detectored) 550106-*	\$217.00
(D) Closer Body 85010163-*	\$383.00
(E) Closer Cover 233069K*	\$87.00



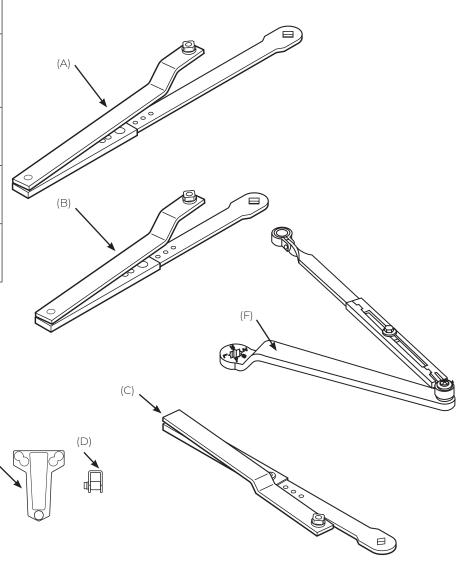


Screw Packs	
550221-* for models with closers	457.50
550131-* for models without closers	\$63.60

*specify finish

SMOK-CHEK® V ■

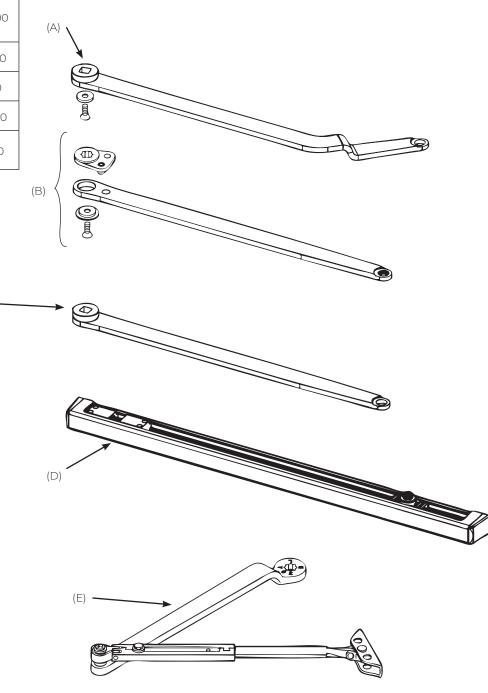
(A) Deep Reveal Push Side Arm 550789-*	\$461.00
(B) Push Side Arm 550136K*	\$260.00
(C) Pull Side Arm 550120K-*	
(D) Door Pivot Bracket (Used with 0602/2602 models) 565118T689	\$60.00
(E) PA Bracket (Used with 0602/2602 models) 40-1600-0450-078	\$35.50
(F) Arm (used with 0602/2602 models) 20-7700-0192-*	\$133.00





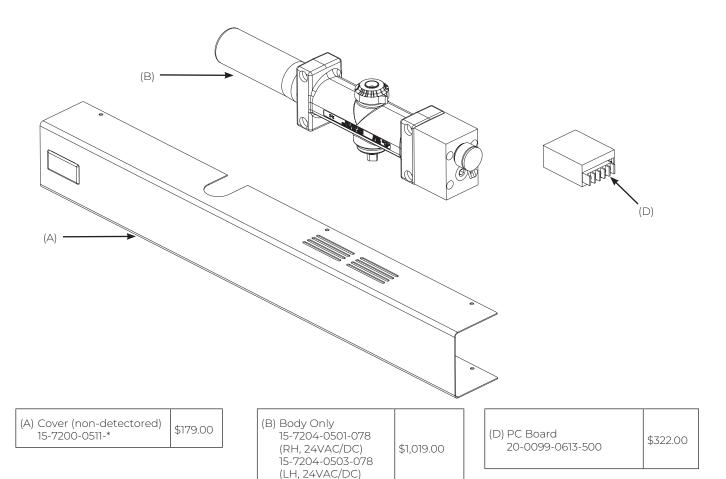
SMOK-CHEK® VI

-	
(A) Double Egress Pull Side 15-7200-0517-* (RH) 15-7200-0518-* (LH)	\$409.00
(B) Free Swing Arm 15-7200-0516-*	\$365.00
(C) Pull Side Arm 15-7200-0515-*	\$112.00
(D) Pull Side Track 15-7200-0514-*	\$324.00
(E) Push Side Arm 15-7200-0505-*	\$127.00



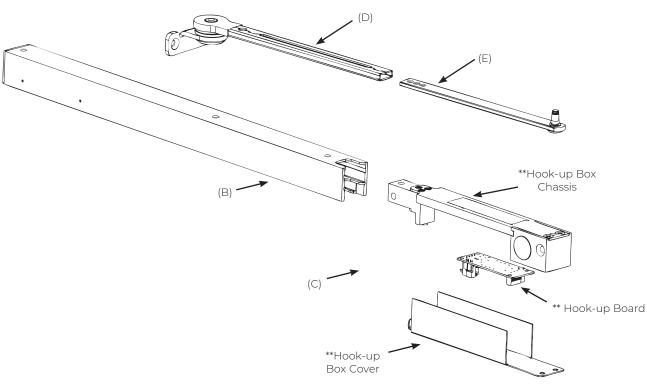
\$11.10

SMOK-CHEK® VI





Models 99-726 and 99-926



Slider Assembly (not visible) 20-0099-0337-500	\$102.00
(B) Channel (for 99-726) 20-0099-0608-* (24V)	\$522.00
(B) Channel (for 99-926) 20-0099-0609-* (24V)	
(C) Hook-Up Box Assembly (for 99-726) 20-0099-0604-* (24V) 20-0099-0605-* (120V)	\$232.00
(C) Hook-Up Box Assembly (for 99-926) 20-0099-0600-* (24V) 20-0099-0601-* (120V)	\$206.00
(D) Arm Bracket & Tube 20-0099-0516-*	\$164.00
(E) Adjusting Rod 20-0099-0343-*	\$42.70

Screw Kit 20-0040-0534-*	\$39.00

^{* =} specify finish

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



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



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

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