

Door Closers

PRICE LIST 69DC

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TERMS AND CONDITIONS OF SALE

The terms and conditions contained herein shall govern the sale of all products located in the price catalog and/or offered for sale by dormakaba USA Inc. ("dormakaba USA"), except for those products as set forth under separate Value Added Reseller Agreements. The acceptance of any order is expressly made conditional upon your assent to these Terms and Conditions of Sale.

PRICES: dormakaba USA reserves the right, in its sole discretion, to change or amend its price list (including, but not limited to, adding or removing Products from the price list), and standard terms and conditions of sale as contained in its catalogs, price list or published sales policies, without incurring any liability whatsoever to its Customer or others. All orders will be filled at the List Price in effect at the time of order placement. All prices are subject to change without notice and are not guaranteed.

TAXES: List prices do not include federal, state or local taxes.

ORDERS: No order for Products shall be deemed to have been accepted by dormakaba USA until written notice of its acceptance is received by the Customer from dormakaba USA via an order acknowledgement. dormakaba USA reserves the right, in its sole discretion, to decline to accept any order. Purchase Orders will bind dormakaba USA only to the extent accepted by dormakaba USA's written confirmation or delivery.

dormakaba USA will attempt to fill orders in the order in which they are received, subject to prior orders. However, dormakaba USA reserves the right to allocate orders or fill an order or orders ahead of prior orders, if, in its judgment, the facts warrant such a change.

Any additional provisions in a Purchase Order, including any pre-printed terms, shall be void and not binding on dormakaba USA, unless expressly accepted by dormakaba USA. For greater certainty, the acceptance by dormakaba USA of a Purchase Order shall not be deemed acceptance of the additional terms of such Purchase Order.

dormakaba USA will accept orders via phone, email, fax or courier. dormakaba USA will send out an order acknowledgement for all orders received via email, phone or fax.

NOTE: Receipt or possession of this price catalog does not grant approval to quote or purchase products. Please contact your dormakaba USA Sales Representative for further details.

KEYING SYSTEM ORDERS: All orders of keying systems specifying delayed fulfillment must be fulfilled within twelve (12) months of the order date. Said request for fulfillment must include complete keying instructions for the order to be acknowledged with an estimated delivery date. Failure to properly request fulfillment of the order within twelve (12) months of the order date will make the order void and nonrefundable.

SPECIAL ORDERS: Any modification to a standard product configuration is considered a special order. No credits will be issued for returned special orders unless authorized by dormakaba USA Customer Service.

INCOMPLETE ORDERS: An incomplete order is one that is not fully specified according to the appropriate nomenclature required for that product. Any incomplete order will not be entered and will be referred to the appropriate dormakaba USA Sales Representative for resolution.

SAMPLES: Please contact your local dormakaba USA Sales Representative for sample requests.

MINIMUM CHARGE: The expense of handling an order necessitates a minimum charge of \$50.00 net per invoice.

CREDIT LIMITS: dormakaba USA's policy is to extend Net 30-day terms/open account combined with a credit line based on financial capacity. For all accounts dormakaba USA requires a Credit Application and Sales Tax Exempt Certificate (if applicable). dormakaba USA evaluates traditional sources of credit information: D&B, trade and bank references, financial information, and business plans. The supply of credit herein shall be at the discretion of dormakaba USA. If available information and/or financial circumstances will not support open accounts terms, dormakaba USA offers Cash in Advance and Credit Card (MasterCard or VISA) terms. dormakaba USA performs periodic reviews of credit lines and terms of payment and may request updated financial information.

dormakaba USA reserves the right to withhold delivery of Product if Customer does not meet dormakaba USA's credit requirements for the amount of Product ordered, or the amount of Product which remains unpaid (whether or not overdue) exceeds the limit established by dormakaba USA for Customer. Customer shall provide, at dormakaba USA's request, an acceptable letter of credit or guarantee or security in a form and amount determined by dormakaba USA.

If Customer shall become overdue on its account or otherwise defaults in any payment to dormakaba USA or if its financial condition shall at any time appear inadequate to warranty further shipment on an open account basis, dormakaba USA shall have the right, without liability, to refuse to accept any or all orders, to cancel any and all orders, to delay shipments, or to require advance payment before accepting or shipping any orders. All orders and all shipments are subject to approval by the dormakaba USA Credit Department.

PAYMENT TERMS: dormakaba USA standard payment terms are 2% 15, net 30 days from date of invoice.

Effective September 28, 2014, a \$45.00 convenience fee will apply to all payments made by Credit Card towards open invoices on your account. You may choose to pay by credit card by reaching out to your Credit Analyst directly in order to process payment. You can avoid paying the \$45.00 convenience fee by enrolling and paying open invoices via Billtrust Invoice Gateway (https://secure.billtrust.com/stanleymechanical/ig/signin) with an ACH Payment (bank transfer from checking or savings account) free of charge. Payments by check, or money order should continue to be sent directly to the remit-to address noted on invoices.

dormakaba USA shall be entitled to charge and Customer shall pay interest on overdue invoices at the rate of two percent (2%) per month calculated from the date of the invoice to the date of payment, including any attorney fees incurred by dormakaba USA resulting from the collection of such overdue payment. Customer shall pay all sums owing to dormakaba USA without any deduction or abatement and Customer shall have no right of set-off.

In the event that Customer disputes any portion of the payment due, Customer shall be obligated to pay the balance which is not the subject of dispute.

Without limiting any other rights it may have under these terms of sale and applicable law, all of dormakaba USA's obligations under this Agreement, including obligations of supply, or any Purchase Order, can be suspended or cancelled should Customer be delinquent in making payment for previously shipped Products.

INTERNATIONAL SALES:

International Resellers located outside of the United States of America who place orders are subject to and must pay by (1) Cash in Advance, (2) Confirmed Irrevocable Letter of Credit, (3) Standby Letter of Credit.

All international shipments shall be FCA (Incoterms 2010) from dormakaba USA's facility in Indianapolis, Indiana USA. dormakaba USA shall be deemed to have delivered all Products and related goods when such are put in the custody of a carrier at dormakaba USA's plant or warehouse above, at which time all title and risk of loss or damage shall pass to Customer.

TERMS AND CONDITIONS OF SALE (continued)

SHIPPING/FREIGHT: All Products shall be shipped FOB Origin domestic or FCA International (INCOTERMS 2010) from dormakaba USA's facility in Indianapolis, Indiana USA. dormakaba USA shall be deemed to have delivered all Products and related goods when such are put in the custody of a carrier at dormakaba USA's plant or warehouse above, at which time all title, risk of loss or damage shall pass to Customer. All shipments will be made in accordance with the preferred routing, carrier assignments, and operational guidelines of dormakaba USA. Customer shall bear all costs of freight, insurance and associated costs and shall make all arrangements for same.

Single or combined shipments including dormakaba USA lock sets, exit devices, hinges and door closers will be considered for free freight with orders at or above \$5000 net (product combination must be on same purchase order). Orders less than \$5,000 will be shipped freight prepaid with shipping cost added to the invoice, including a nominal freight charge to be determined by dormakaba USA at time of shipping.

Hinge only orders will be considered for free fright with orders at or above \$750 net. Orders less than \$750 will be shipped freight prepaid with shipping cost added to the invoice, including a nominal freight charge to be determined by dormakaba USA at time of shipping.

These freight terms apply only to a single destination within the contiguous United States.

Should a shipment qualify for one of dormakaba USA's free freight programs, the Products shall be shipped FOB Origin domestic (with exception to prepaid freight) or FCA International (INCOTERMS 2010) (with exception to prepaid freight) from dormakaba USA's facility in Indianapolis, Indiana USA.

DELIVERY: Orders shall be acknowledged and given a scheduled delivery date based on estimated manufacturing lead times. Manufacturing lead time will begin once all information is received to process an order. Delivery dates given by dormakaba USA as part of order acknowledgment for accepted orders for Products or related goods will be honored by dormakaba USA on a best effort basis. Shipping dates shown on order acknowledgments are based upon dormakaba USA's estimate and cannot be guaranteed. dormakaba USA will not be liable for any loss or damage resulting from delay in filling orders, including any direct or consequential loss or damage. dormakaba USA reserves the right to make partial shipments unless the order specifies otherwise.

CHANGES/CANCELLATIONS: After orders are entered for manufacturing, changes or cancellations cannot be accepted without dormakaba USA written permission, and may be subject to a change or cancellation charge equivalent to 30% of the purchase price.

Orders for special and/or custom designed goods not immediately saleable to another customer are not changeable, cancelable, or returnable.

RETURNED GOODS: dormakaba USA Customer Service MUST authorize all returns. All goods must be returned in original packaging and be in resalable condition except for warranty returns. Use fax number 888-214-1918 for returned goods authorization only. Only goods with an invoice date of less than one (1) year will be considered for a Return Goods Authorization (RGA). All material returned to dormakaba USA, regardless of the reason, must have a correct RGA number applied to the outside of the shipping carton. A restocking charge of 30% of the purchase price will be applied to the Customer's account except for warranty returns. Transportation charges of returned goods must be prepaid by Customer. All goods must be returned within sixty (60) calendar days of RGA issue date. All goods must be returned in original packaging and be in resalable condition except for warranty returns. Product not returned in salable condition or after sixty (60) days of the RGA issue date is subject to disposal by dormakaba USA with no credit issued.

dormakaba USA cannot authorize the return of discontinued product. Under no circumstances will special order items be accepted for return, unless covered by warranty.

EXPORT REGULATIONS: Customer agrees to conform to, and abide by, the export laws and regulations of the US, including, but not limited to, the Export Administration Act of 1979 as amended and its implementing regulations. Diversion contrary to US laws and regulations is prohibited.

MASTERKEYING: Best Masterkey Code and Masterkey Service Policy can be found at www.bestaccess.com.

LIMITATION OF LIABILITY: EXCEPT AS OTHERWISE REQUIRED BY APPLICABLE LAW, dormakaba USA SHALL HAVE NO LIABILITY FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, EXEMPLARY, LIQUIDATED OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS, COSTS OF DELAY, ANY FAILURE OF DELIVERY, OR BUSINESS INTERRUPTION, REGARDLESS OF WHETHER THE CLAIM GIVING RISE TO SUCH DAMAGES IS BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), PRODUCT LIABILITY, OR OTHERWISE, EVEN IF dormakaba USA HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL dormakaba USA's TOTAL AGGREGATE LIABILITY TO CUSTOMER, UNDER ANY LEGAL THEORY, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), PRODUCT LIABILITY, INFRINGEMENT OF OR DAMAGE TO ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY PERSON OR ENTITY, OR OTHERWISE IN RELATION TO THE SALE OF dormakaba USA PRODUCTS TO CUSTOMER, EXCEED THE AGGREGATE OF THE AMOUNT PAID OR PAYABLE TO dormakaba USA BY CUSTOMER FOR THE ORDER GIVING RISE TO THE ALLEGED LIABILITY.

LIMITED WARRANTY: The terms and conditions outlined above are subject to dormabaka USA's Limited Warranty, which is included in the Price Catalog and is incorporated herein by reference. Upon return of a defective product, dormakaba USA shall either repair or replace the product, in its sole discretion, in accordance with our standard warranty.

EXCEPT AS SET FORTH HEREIN, dormakaba USA MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND BUYER ACKNOWLEDGES THAT NO REPRESENTATIONS, WARRANTIES, PROMISES OR STATEMENTS HAVE BEEN MADE BY dormakaba USA, WITH RESPECT TO THIS PRODUCT, OR ANY PART OR PORTION THEREOF, IN ADDITION, dormakaba USA MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THIS PRODUCT OR ANY PART OR PORTION THEREOF, FOR ANY PURPOSE, NOR ANY WARRANTY WHICH EXTENDS BEYOND THE DESCRIPTION ON THE FACE HEREOF. dormakaba USA SHALL NOT, IN ANY EVENT, BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES SUFFERED BY BUYER OR ANYONE CLAIMING BY, THROUGH OR UNDER BUYER, AS A RESULT OF THE CONDITION OF THIS PRODUCT, OR ANY PART OR PORTION THEREOF, AND THERE ARE NO ORAL OR WRITTEN UNDERTAKINGS OR AGREEMENTS OF ANY TYPE PROVIDED BY dormakaba USA EXCEPT AS EXPRESSLY SET FORTH HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR PROHIBIT THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSIONS MAY NOT APPLY IN YOUR STATE.

GOVERNING LAW: These Terms and Conditions of Sale and any subsequent sales agreements between dormakaba USA and Customer shall be construed in accordance with the laws of the State of Indiana. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Agreement.

LIMITED WARRANTY

<u>What is Covered</u>: dormakaba USA Inc. ("dormakaba USA") warrants that **Door Closer models D4550**, **D4990**, **D3550** and **D1610** manufactured by dormakaba USA and sold under its trade name "**STANLEY**" are free of defects in materials and workmanship as outlined below. The sole and exclusive liability of dormakaba USA under this warranty is limited to the repair or replacement of any Product or component part covered by the warranty at the sole discretion of dormakaba USA.

<u>Who is Covered</u>: This warranty is extended only to dormakaba USA distributors of products and the end user who purchases products for purposes other than resale (collectively, "Purchaser").

Hardware Warranty Period:

- Stanley Door Closer mechanical products shall be warranted for thirty (30) years from date of sale.
- Stanley Door Closer electrical products shall be warranted for one (1) year from date of sale.
- Finishes shall be warranted for three (3) years from date of sale excluding 10B/613 "Oil Rubbed Bronze" finish.

Wi-Q™ Technology and Offline Series:

- dormakaba USA warrants that all software shall be free from defects in materials and workmanship and will function in substantial accordance to the
 specifications for a period of one (1) year from the date of installation.
- Specific Limitations: This warranty does not cover any post-sales technical support under the following circumstances:
 - Problems caused by misuse of software or hardware
 - Failure to provide a network connection or site phone line for a modem connection, if deemed necessary by dormakaba USA
 - Technical support for network software products
 - Technical support for software installed on computer hardware or computer operating system that is no longer commercially available for purchase.

<u>Warranty Claims</u>: Any Products believed to be defective as covered by this warranty may not be returned without prior written Returned Materials Authorization (RMA) from dormakaba USA Product Support (855) 365-2407 covering specific items and quantities within thirty (30) days from the discovery of the alleged defect(s). dormakaba USA will inform the purchaser where to ship said Product(s), shipping charges prepaid by you, for examination. In the event such examination reveals a defect covered by this warranty; dormakaba USA will, at its sole option, repair or replace the Product, and return it or its replacement to the purchaser, with charges only for shipping.

Exclusions: This warranty specifically excludes, and dormakaba USA shall not be held responsible for the following:

- a) COSTS ASSOCIATED WITH INSTALLING, REMOVING OR REINSTALLATION OF THE PRODUCT.
- b) Damage caused by Product malfunction or failure attributable to acts of God.
- c) Improper use or installation.
- d) Poor or no maintenance.
- e) Work performed by someone other than an Authorized dormakaba USA technician.
- f) Failure to follow dormakaba USA's operating instructions or environmental specifications.
- g) Incorrect application, modification, vandalism, erosion or corrosion, shipping and/or handling, improper storage, accident, misuse, abuse or any other cause not within the control of dormakaba USA.
- h) This warranty is void if any modification is made to the warranty product, regardless of whether the modification causes or contributes to the alleged defect. All modifications are made at the risk and expense of the party making the modifications.
- i) dormakaba USA shall not be liable for any repairs, replacements, or adjustments to the product or any costs of labor performed by the Purchaser or others without dormakaba USA's prior written approval.
- dormakaba USA provides no warranty or guarantee that its cores and/or cylinders will function properly or be mechanically compatible with products not manufactured by dormakaba USA.
- k) The US10B/613 finish is considered to be a living finish that will change over time with use and age and is expressly excluded from this warranty. The finish changes that occur are indicative of normal wear and tear and reflect the essence of a living finish. The finish changes are not considered manufacturing defects and are not covered by this warranty.

Third Party Warranty: Except as otherwise provided above, dormakaba USA makes no warranty, express or implied, with regard to third party hardware or software and expressly disclaims the implied warranties or conditions of merchantability or merchantable quality, fitness for a particular purpose, title, infringement and those arising by statute or otherwise in law. Customer's sole recourse for warranty claims is with the manufacturer of the Product. However, dormakaba USA agrees to pass through any third party warranty that dormakaba USA receives from the manufacturer of the Products to Purchaser. The extent of any third party warranty details, terms and conditions, remedies and procedures may be expressly stated on, or packaged with, or otherwise accompanying the Products.

<u>LIMITATION OF WARRANTIES</u>: THIS WARRANTY IS GIVEN EXPRESSLY AND IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, REPRESENTATIONS, OR WARRANTIES NOT SPECIFIED HEREIN.

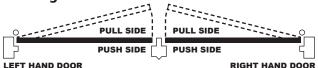
dormakaba USA SHALL NOT, IN ANY EVENT, BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL OR PUNITIVE DAMAGES SUFFERED BY PUR-CHASER OR ANYONE CLAIMING BY, THROUGH OR UNDER PURCHASER, AS A RESULT OF THE CONDITION OF THIS PRODUCT, OR ANY PART OR PORTION THEREOF.

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

THIS WARRANTY IS GOVERNED BY THE LAW OF THE STATE OF INDIANA WITHOUT REGARD TO ITS CONFLICTS OF LAW PRINCIPLES. dormakaba USA AND PUR-CHASER AGREE THAT THE UNITED NATIONS CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS SHALL NOT APPLY TO SALE OF THE PRODUCTS COVERED BY THIS WARRANTY.

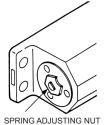
General Information

Handing



Closing Power Adjustment

Closers with spring power adjustment to size (6) are set at size (3) before leaving the factory. Closers with spring power adjustment from 1-4 or 1-5 are set at size (2) before leaving the factory.



Interchangeable Arms

All D-3550/D-3551 and D-4550/D-4551 Series arms are interchangeable.

Thru Bolts and Sex Nuts

When thru bolting is ordered, factory will furnish sex nuts for use with the machine screws furnished with the closer Nuts are sized to accommodate 1-3/4" thick doors.

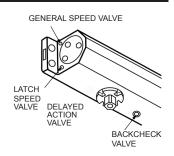
D-4550, D3550 - 12/24 thread	\$2.00
D-1610 - 12/24 thread	\$2.00

Security Screws

All mounting screws will be Torx pin tamper resistant machine screws. Available for Heavy Duty Arm applications only Specify SEC Security Screws.

Delayed Action

A delayed action feature is available with this series for all applications and arms. The feature permits the door to close very slowly through the delayed action cycle range To order, suffix DA to closer number.



Advanced Variable Backcheck (AVB) optional

Cylinder starts backcheck at approximately 45° instead of the normal 75° Add suffix "AVB" to selected cylinder. When combined with Delayed Action consult factory for special template (Heavy Duty Arm applications).

Packing

All surface mounted closers with standard arm sets are packed for mounting on regular, parallel arm or top jamb applications D-1610 Series are packaged (6) closers per case. D-4550/D-3550 are packaged (4) closers per case. D-4550EH are packaged individually.

ANSI and UL Specifications

The Stanley door closers D-1610, D-3550, D-4550 Series meet the requirements of the ANSI/BHMA Standard A156.4 - 2000 Grade

1. Underwriters' Laboratories and Underwriters' Laboratories of Canada Listing. "For Self-Closing Doors Without Hold-Open feature" on R7551®.

How To Order

CLOSERS

Options: add suffix - Advanced Variable Backcheck (optional) - Delayed Action (optional) LL - Lead Lined Cover (optional) MC - Metal Cover (optional) Size: 0 - (refer to individual closer) 1 - size 1-5 Model No. -

Arm Type: add suffix

- Long Rod Forearm (TJ only) Н - Standard Hold-Open

- Standard Hold-Open w/ Long Rod & Shoe HL

- Parallel Hold-Open PH **EDA** - Heavy Duty Arm

- Electronic Hold-Open H-EDA - Heavy Duty Arm w/ Hold-Open

- Heavy Duty Arm w/ Stop

CS - Heavy Duty Arm w/ Compression Stop HS - Heavy Duty Arm w/ Hold-Open & Stop HCS - Heavy Duty Arm w/ Hold-Open & Comp Stop

- Track Mount Т

- Track Mount w/ Hold-Open HT - Track Compression Stop

CLD-4550DAEDA × 689

Finish:

689 - Aluminum

690 - Statuary Bronze

691 - Bronze

693 - Black

695 - Dark Bronze

696 - Brass

Finish Option:

SRI - Special Rust Inhibitor

Fasteners:

Wood & Machine Screws Furnished Standard

SN - Sex Nuts & Bolts

SEC - Security Screws

Low Energy Operators (Non-handed)





D-4990

Accessories 6" Round 6" Ring





4 1/2" Square



Jamb

Dual Plate



Touchless





433





D-4990 Low Energy Operators and Accessories

For additional switch plates available contact your local dormakaba USA representative.

DESCRIPTION	Product No.	List Price
8R-D-4990 Series - Push Side Mount (includes arm assembly	D-4990	4,239
8R-D-4990T Series - Pull Side Mount (includes arm assembly		4,421
Arm Assemblies		
Used with D-4990 only	A45-501L	109
Used with D-4990T only	A45-507T	180
Optional Power Supply 24VDC @ 0.5A	PS-490	65
6" Round Stainless Steel Plate		
Handicap logo and Push-to-Open text	CL2216	241
6" round surface mount box	CL2220	103
6" round weather ring	CL2223	20
4 3/4" Square Stainless Steel Plate		
Handicap logo and Push-to-Open text	CL2102	226
4-3/4" square surface mount box	CL2236	103
4 1/2" Square Stainless Steel Plate	,	
Handicap logo and Push-to-Open text	CL4163	226
4 1/2" square surface mount box	CL4638	103
Jamb Stainless Steel Plate		
Handicap logo and Push-to-Open text	CL2055	178
Surface mount box	CL2245	32
Dual Push Plate "Vestibule Plate"		
Vestibule plate with text, logo and arrows	CL2388	349
Touchless Push Plates		
Touchless push plate fits single/double gang box	CL2025	362
Radio Control 433 Transmitters / 433 Receiver		
Digital transmitter 433MHz w/flag conn 9v battery (1 button)	CL4490	236
433 MHz digital receiver	CL4485	259
Push Plate Posts		
Silver - mounting post for stainless steel push plates*	CL2248	486
Black - mounting post for stainless steel push plates*	CL2247	470
Bronze - mounting post for stainless steel push plates*	CL2249	486
*For use with 4 1/2" square plates part # CL4163		
Push Plate Packages		
Includes (2) CL4163 Text & Logo plates, (2) CL4638 boxes, (2) CL4490 (9volt) Transmitters, (1) CL4485 Receiver	CL4976	1,372
Includes (2) CL4163 Text & Logo plates, (2) CL4638 boxes, HARD WIRED SOLUTION ONLY	CL4977	647
Includes (2) CL2102 Text & Logo plates, (2) CL2236 boxes, (2) CL4490 (9 volt) Transmitters, (1) CL4485 Receiver	CL4980	1,370
Includes (2) CL2102 Text & Logo plates, (2) CL2236 boxes, HARD WIRED SOLUTION ONLY	CL4981	647
Includes (2) CL2216 Text & Logo Plates, (2) CL220 boxes, (2) CL4490 (9 volt) Transmitters, (1) CL4485 Receiver	CL4990	1,401
Includes (2) CL2216 Text & Logo Plates, (2) CL220 boxes, HARD WIRED SOLUTION ONLY	CL4991	479
LOW ENERGY OPERATOR	Weight	
D-4990 / D-4990T	40 lbs.	
To Order: Specify: 8R-D-4990 × 628. Accessories ordered separate.	1 0 103.	

To Order: Specify: 8R-D-4990 × 628. Accessories ordered separate.

COMPLETE CLOSERS	D-4550 / D-4551		
APPLICATION	Series	Weight	List Price
Standard, Parallel Arm, Top Jamb	Std. w/PA Brkt	9 lbs	482
Long Rod Forearm (Top Jamb Only)	L	9 lbs	482
Hold Open Arm (Standard & Top Jamb)	Н	9 lbs	516
Hold Open Parallel Arm	PH	9 lbs	516
Heavy Duty Arm (PA Only)	EDA	11 lbs	516
Electronic Hold Open	EH	11 lbs	889
Heavy Duty Arm w/ Hold Open (PA Only)	H-EDA	11 lbs	574
Heavy Duty Arm w/ Stop (PA Only)	S	11 lbs	564
Heavy Duty Arm w/ Compression Stop (PA Only)	CS	11 lbs	751
Heavy Duty Arm w/ Hold Open & Stop (PA Only)	HS	11 lbs	624
Heavy Duty Arm w/ Hold Open & Compression Stop (PA Only)	HCS	11 lbs	798
Track Mounting (Pull Side Only)	T	10 lbs	553
Track Mounting with Hold Open (Pull Side Only)	НТ	10 lbs	574
Track Compression Stop	TCS	10 lbs	574
OPTIONS			
Advanced Variable Back check Option	AVB		18
Delayed Action Cylinder Option	DA		36
Sex Nuts (add 1 package per closer - 4 sex nuts per pkg.)	SN		8
Lead Lined Cover	LL		72
Metal Cover (brushed, stainless steel standard)	MC		52
Security Screws	SEC		73
Special Rust Inhibitor	SRI		38
CYLINDER ASSEMBLY SETS			
DESCRIPTION	Assembly No.	Weight	List Price
Cylinder Body and Cover, size 2-6	DB-4550	7 lbs	373
Cylinder Body and Cover, size 1-5	DB-4551	7 lbs	373
Cylinder Body and Cover with DA, size 2-6	DB-4550DA	7 lbs	409
Cylinder Body and Cover with DA, size 1-5	DB-4551DA	7 lbs	409
ARM ASSEMBLY SETS			
DESCRIPTION	Assembly No.	Weight	List Price
Standard Arm Set (Std , PA & Top Jamb)	A45-501	2 lbs	109
Standard Arm with Long Rod and Shoe Set (Top Jamb)	A45-501L	2 lbs	109
Standard Hold-Open Arm Set (Std. & Top Jamb)	A45-501H	2 lbs	143
Standard Hold-Open Arm w/ Long Rod and Shoe Set	A45-501HL	2 lbs	143
Standard Hold-Open Arm w/ Long Rod and Shoe Set	A45-501HXL	2 lbs	143
Standard Hold Open Anni W Long Nod and Shoe Set	745 5011/L	2 103	173

NOTES

Parallel Hold-Open Arm Set

Heavy Duty Parallel Arm Set

Track Compression Stop

Heavy Duty Parallel Arm Set w/ Hold-Open

Track Rail Arm and Track Set (Pull Side Only)

Electronic Hold-Open Track Arm Assembly

Heavy Duty Parallel Arm Set w/ Compression Stop

Heavy Duty Parallel Arm Set w/ Hold-Open and Stop

Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop

Track Rail Arm and Hold-Open Track Set (Pull Side Only)

Heavy Duty Parallel Arm Set w/ Stop

A45-503H

A45-505

A45-505H

A45-505S

A45-505CS

A45-505HS

A45-507T

A45-507HT

A45-507TCS

A45-507EH

A45-505HCS

2 lbs

4 lbs

4 lbs

4 lbs

4 lbs

4 lbs

4 lbs

3 lbs

3 lbs

3 lbs

3 lbs

143

143

201

191

378

251

425

180

201

201

516

[•] Closers available in the following painted finishes: Aluminum (689) Dark Bronze (695) Statuary Bronze (690) Bronze (691) Brass (696) Black (693).

[•] Arm Assemblies are interchangeable between D-4550 and D-3550 Series Closers.

COMPLETE CLOSERS	D-3550 / D-3551		
APPLICATION	Series	Weight	List Price
Standard, Parallel Arm, Top Jamb	STD w/PA Brkt	7 lbs	393
Long Rod Forearm (Top Jamb Only)	I STD WITA BIRE	7 lbs	393
Hold Open Arm (Standard & Top Jamb)	 H	7 lbs	427
Hold Open Parallel Arm	PH	7 lbs	427
Heavy Duty Arm (PA Only)	EDA	9 lbs	427
Heavy Duty Arm w/ Hold Open (PA Only)	H-EDA	9 lbs	485
Heavy Duty Arm w/ Stop (PA Only)	S	9 lbs	475
Heavy Duty Arm w/ Compression Stop (PA Only)	CS	9 lbs	662
Heavy Duty Arm w/ Hold Open & Stop (PA Only)	HS	9 lbs	535
Heavy Duty Arm w/ Hold Open & Compression Stop (PA Only)	HCS	9 lbs	709
Track Mounting (Pull Side Only)	T	8 lbs	464
Track Mounting w/ Hold Open (Pull Side Only)	HT	8 lbs	485
Track Compression Stop	TCS	8 lbs	485
OPTIONS			
Delayed Action Cylinder Option	DA		36
Sex Nuts (add 1 package per closer - 4 sex nuts per pkg) SN 6	SN		8
Security Screws	SEC		73
Special Rust Inhibitor	SRI		38
CYLINDER ASSEMBLY SETS			
DESCRIPTION	Assembly No.	Weight	List Price
Cylinder Body and Cover, size 2-6	DB-3550	5 lbs	284
Cylinder Body and Cover, size 2-0 Cylinder Body and Cover, size 1-4	DB-3551	5 lbs	284
Cylinder Body and Cover with DA, size 2-6	DB-3550DA	5 lbs	320
Cylinder Body and Cover with DA, size 1-4	DB-3551DA	5 lbs	320
ARM ASSEMBLY SETS			
THEY RIDII() NI	Accombly No	Weight	List Drice
DESCRIPTION Standard Arm Set (Set DA & Tan Jame)	Assembly No.	Weight	
Standard Arm Set (Std, PA & Top Jamb)	A45-501	2 lbs	109
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb)	A45-501 A45-501L	2 lbs 2 lbs	109 109
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb)	A45-501 A45-501L A45-501H	2 lbs 2 lbs 2 lbs	109 109 143
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set	A45-501 A45-501L A45-501H A45-501HL	2 lbs 2 lbs 2 lbs 2 lbs	109 109 143 143
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set	A45-501 A45-501L A45-501H A45-501HL A45-501HXL	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs	109 109 143 143 143
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs	109 109 143 143 143 143
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs	109 109 143 143 143 143 143
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H	2 lbs 4 lbs 4 lbs	109 109 143 143 143 143 143 201
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H A45-505S	2 lbs 4 lbs 4 lbs 4 lbs	109 109 143 143 143 143 143 201 191
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505 A45-505S A45-505S	2 lbs 4 lbs 4 lbs 4 lbs 4 lbs	109 109 143 143 143 143 143 201 191 378
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505 A45-505S A45-505CS A45-505CS	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs	109 109 143 143 143 143 143 201 191 378 251
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505 A45-505S A45-505CS A45-505HS A45-505HCS	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs	109 109 143 143 143 143 143 201 191 378 251 425
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop Track Rail Arm and Track Set (Pull Side Only)	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H A45-505S A45-505CS A45-505HS A45-505HCS A45-507T	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 3 lbs	109 109 143 143 143 143 201 191 378 251 425 180
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505 A45-505S A45-505CS A45-505HS A45-505HCS	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs	109 109 143 143 143 143 143 201 191 378 251 425
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop Track Rail Arm and Track Set (Pull Side Only) Track Rail Arm and Hold-Open Track Set (Pull Side Only)	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H A45-505S A45-505CS A45-505HS A45-505HS A45-505HCS A45-507T A45-507HT	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 3 lbs 3 lbs	109 143 143 143 143 143 201 191 378 251 425 180 201
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm w/ Long Rod and Shoe Set Standard Hold-Open Arm w/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop Track Rail Arm and Track Set (Pull Side Only) Track Compression Stop	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H A45-505S A45-505CS A45-505HS A45-505HS A45-505HCS A45-507T A45-507HT	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 3 lbs 3 lbs	109 109 143 143 143 143 143 201 191 378 251 425 180 201
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm W/ Long Rod and Shoe Set Standard Hold-Open Arm W/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set w/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop Track Rail Arm and Track Set (Pull Side Only) Track Compression Stop COVERS	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505S A45-505CS A45-505CS A45-505HS A45-505HS A45-507T A45-507T	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 3 lbs 3 lbs	109 109 143 143 143 143 201 191 378 251 425 180 201
Standard Arm Set (Std, PA & Top Jamb) Standard Arm with Long Rod and Shoe Set (Top Jamb) Standard Hold-Open Arm Set (Std & Top Jamb) Standard Hold-Open Arm W/ Long Rod and Shoe Set Standard Hold-Open Arm W/ Long Rod and Shoe Set Parallel Hold-Open Arm Set Heavy Duty Parallel Arm Set Heavy Duty Parallel Arm Set W/ Hold-Open Heavy Duty Parallel Arm Set w/ Stop Heavy Duty Parallel Arm Set w/ Compression Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Stop Heavy Duty Parallel Arm Set w/ Hold-Open and Comp Stop Track Rail Arm and Track Set (Pull Side Only) Track Rail Arm and Hold-Open Track Set (Pull Side Only) Track Compression Stop COVERS 4550/3550 SERIES	A45-501 A45-501L A45-501H A45-501HL A45-501HXL A45-503H A45-505 A45-505H A45-505S A45-505CS A45-505HS A45-505HCS A45-507T A45-507TCS	2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 2 lbs 4 lbs 4 lbs 4 lbs 4 lbs 4 lbs 3 lbs 3 lbs	109 109 143 143 143 143 143 201 191 378 251 425 180 201 201

D-3550 / D-3551 Series Surface Closers (continued)

NOTES

- Closers available in the following painted finishes: Aluminum (689) Dark Bronze (695) Statuary Bronze (690) Bronze (691) Brass (696) Black (693).
- Arm Assemblies are interchangeable between D-4550 and D-3550 Series Closers.

D-1610 / D-1611 Series Surface Closers	D 4640 / D 4644		
COMPLETE CLOSERS - (LESS COVER)	D-1610 / D-1611		
APPLICATION	Series	Weight	List Price
Standard, Parallel Arm, Top Jamb	Std w/PA Brkt	5 lbs	198
Long Rod Forearm (Top Jamb Only)	L	5 lbs	198
Hold Open Arm (Standard & Top Jamb Only)	Н	5 lbs	245
Hold Open Parallel Arm	PH	5 lbs	245
OPTIONS			
Full Cover	FC	1 lb	14
Sex Nuts (add 1 package per closer - 4 sex nuts per pkg)	SN		8
Security Screws	SEC		73
Special Rust Inhibitor	SRI		38
CYLINDER ASSEMBLY SETS			
DESCRIPTION	Assembly No.	Weight	List Price
Cylinder Body and Cover, size 2-5	DB-1610	4 lbs	152
Cylinder Body and Cover, size 1-4	DB-1611	4 lbs	152
ARM ASSEMBLY SETS			
DESCRIPTION	Assembly No.	Weight	List Price
Standard Arm Set (Std, PA & Top Jamb)	A16-401	1 lb	46
Standard Arm with Long Rod (Top Jamb)	A16-401L	1 lb	46
Standard Hold-Open Arm Set (Std & Top Jamb)	A16-401H	1 lb	93
Hold Open Parallel Arm	A16-403H	1 lb	93
FULL COVER SETS			
DESCRIPTION	Assembly No.	Weight	List Price
			1.0
Full Cover	C-165	1 lb	16

NOTES

- Closers are shipped standard Less Cover.
- Closers available in the following painted finishes: Aluminum (689) Dark Bronze (695) Statuary Bronze (690) Bronze (691) Brass (696) Black (693).
- Closers are packed (10) per case.

CO-30/CO-50 Series Concealed Closers **CONCEALED IN-DOOR CLOSERS APPLICATION CO-50 Series** Weight **List Price** Concealed In-Door Size 3 CO-53 5 lbs 402 Concealed In-Door Size 4 CO-54 5 lbs 402 Concealed In-Door Size 3 with Hold Open CO-153 5 lbs 423 Concealed In-Door Size 4 with Hold Open CO-154 5 lbs 423

OVERHEAD CONCEALED CLOSERS (HANDED)

APPLICATION	CO-50 Series	Weight	List Price
Overhead Concealed Size 5	CO-55	12 lbs	770
Overhead Concealed Size 6	CO-56	12 lbs	770
Overhead Concealed Size 5 with Hold Open	CO-155	12 lbs	784
Overhead Concealed Size 6 with Hold Open	CO-156	12 lbs	784

DOUBLE ACTING OVERHEAD CONCEALED CLOSERS (SIDE LOADING)

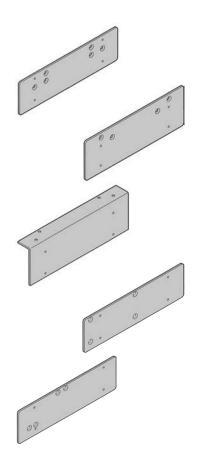
APPLICATIO	N	Door Ope	ning	30 Series	Weight	List Price
Max Opening	Hold Open	Max Int.	Max Ext.			
105°	•	3'-0"	2'-6"	30-215	10 lbs	485
90°		3'-0"	2'-6"	30-235	10 lbs	485
105°	105°	3'-6"	3'-0"	30-30S	10 lbs	485
90°		3'-6"	3'-0"	30-315	10 lbs	485
105°	90°	3'-6"	3'-0"	30-32S	10 lbs	485
105°				30-345	10 lbs	485
105°				30-415	10 lbs	497

NOTES

[•] Closers available in the following painted finishes: Aluminum (689)

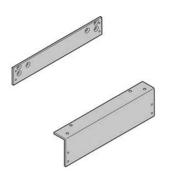
Mounting Accessories

D-4550 / D-4551 CYLINDER MOUNTING PLATES



DESCRIPTION	Part No.	Weight	List Price
Drop Plate (Std, PA or TJ Mount)	P45-180	4 lbs	66
Drop Plate (PA Mount) Heavy Duty for use with a narrow top rail	P45-180D	4 lbs	66
Angle Bracket (Push Side Mount)	P45-190	5 lbs	66
Adapter Plate for D4550 with Heavy Duty Arm Application to retrofit to LCN 4111 with Heavy Duty Arm Application	P45-4110	4 lbs	66
Adapter Plate for D4550 with Heavy Duty Arm Application to retrofit to LCN 4040 with Heavy Duty Arm Application	P45-4040	4 lbs	66

D-3550 / D-3551 CYLINDER MOUNTING PLATES



DESCRIPTION	Part No.	Weight	List Price
Drop Plate (Std, PA or TJ Mount)	P35-180	3 lbs	66
Angle Bracket (Push Side Mount)	P35-190	4 lbs	66

D-1650 / D-1651 CYLINDER MOUNTING PLATES

DESCRIPTION	Part No.	Weight	List Price
Drop Plate (Std, PA or TJ Mount)	P16-180	2 lbs	66



D-4550 / D-3550 ARM MOUNTING ACCESSORIES

	DESCRIPTION	Part No.	Weight	List Price
60	Spacer Block for mounting PA Bracket on Rabbet	P45-110	1 lb	28
	Spacer Block for mounting HD Arms on Rabbet	P45HD-110	1 lb	29
00	Angle Bracket for Shoe Support on HD Arms	P45HD-112	0.5 lbs	29
	Extra-Clearance Offset Soffit Plate Bracket	P45-113	1 lb	43
	Angle Bracket for mounting PA Bracket on Flush Transom	P45-114	1 lb	33
	Angle Bracket for mounting HD Arms on Flush Transom	P45HD-114	2 lbs	44
	Angle Bracket for mounting HD Arms on Flush Transom with Over Head Stop Applications	P45HD-114-1	2 lbs	44
	Track Arm End Cap Used on D-4550T/D-3550T with A45-507T	P45-507EC	.5 lbs	9
-				

QUOTING & ORDERING

Price quotations are based on one (1) shipment to one (1) location, and are valid as identified in the quote but in no case longer than <u>one year</u> from the date of the quote. All exceptions will be evaluated on an individual basis.

All quotation requests will be provided by the dormakaba USA Inc. ("dormakaba USA") Representative where the project is located.

QUOTING PROCESS AND PROCEDURES: The following information is necessary to secure a price quotation from dormakaba USA.

- Distributor Name
- Distributor Location
- Distributor Contact Name and Phone Number
- Distributor e-mail contact
- Project Name
- Project Location
- Bid Date
- Architects Name, Phone Number and Architects Location
- Specification Writer Name, Phone Number and Location
- Competitive Influence / Specification
- List of materials to be quoted

Every attempt will be made by dormakaba USA to provide the price quotation in a timely manner. Upon completion, you will receive a copy of the quotation which will also include a valid quotation number. Once the project is secured, a copy of the quotation must accompany your purchase order and be forwarded to dormakaba USA Customer Service Department in Indianapolis for processing.

NON-STANDARD PRODUCT REQUEST: Please contact your dormakaba USA Representative to complete a Non-Standard Product Request Form.

All requests should be submitted to the following email address: **Email:** product.request.us@dormakaba.com

Upon receipt of a special order request, dormakaba USA will review the configuration and determine if dormakaba USA is capable of making the special order product and will provide a response to the customer. If dormakaba USA is able to make the special order product, dormakaba USA will provide a specific sku/configuration to the customer for the special order product. This sku/configuration must be identified on all Purchase Orders. In addition, the Purchase Order must be marked as a "Special Order".

ORDERING: The following information is required for dormakaba USA to successfully process any order:

- Itemized Purchase Order (PO)
- dormakaba USA Approved Quote

Please send all orders to BAS-orderentry.us@dormakaba.com or by fax to 877-835-1030

NOTE: For detailed information on how to place an order for dormakaba USA products as well as BEST masterkey services please see the detailed section regarding "Best Ordering".

ADD ON ORDERS FOR QUOTED PROJECTS: To place an add-on order from a quoted project the Distributor must include the original quote, PO number and/or dormakaba USA's original order number. Add-On orders will be accepted for a period one (1) year from the original order date. Add-On orders received that are outside of the aforementioned period will be forwarded to the dormakaba USA Representative for re-quote.

STOCKING ORDERS: All orders for stock replenishment should be marked as "Stock" and indicate a "Ship To" address that coincides with the stocking Distributor warehouse location.

INCOMPLETE ORDER PROCESS: All orders are screened upon receipt for complete information. If an order is received incomplete, dormakaba USA Customer Service will make one (1) attempt to contact a Distributor directly for the missing requirements. If the information is not made available to dormakaba USA at that time the order will be referred to the local dormakaba USA Representative for resolution. All incomplete orders will be cancelled if not resolved after fourteen (14) calendar days.

PRICE DISCREPANCY PROCESS: All entered orders are reviewed by dormakaba USA Customer Service for accuracy and pricing consistency between the Distributor and dormakaba USA. Any order determined by dormakaba USA, in its sole and absolute discretion, to have a value greater than the Total Price shown on the Distributor purchase order will be held by dormakaba USA for a Price Discrepancy. dormakaba USA quotes are also reviewed to ensure that they are complete, approved, and match the PO. Due to pricing sensitivity, all price discrepancies must be resolved exclusively by your dormakaba USA Representative.

ORDER CANCELLATION/CHANGES: All requests for Order Cancellations and Changes (Quantity, Shipping, Finish, Function, etc) should be sent directly to dormakaba USA Customer Service. Requests via phone will be accepted, but must be accompanied by a written request. Factory Order Number, PO Number, Account Info, and Detailed Changes must be clearly indicated. Change requests can be submitted via the following methods:

Email: BAS-cshelp.us@dormakaba.com Fax: 1-877-835-1030

All order cancellations or changes will be subject to a cancellation fee as defined in dormakaba USA's Terms and Conditions of Sale.

PRODUCTION SCHEDULING AND "DO NOT SHIP BEFORE" REQUESTS: All orders are scheduled for production and shipping based on current production lead times and availability. Scheduling is completed only when an order is released from both credit and pricing review.

Exceptions to this policy are made only when the PO is clearly marked: "Do Not Ship Before" followed by the date. (*Required Date, Expected Date, etc. do not apply*) These orders will be scheduled to ship on or after the date listed.

QUOTING & ORDERING (continued)

Changes to "Do Not Ship Before" dates are required in writing and should be sent to: BAS-cshelp.us@dormakaba.com.

Be advised, orders not clearly marked with a "Do Not Ship Before" designation will be payable within normal terms from the actual shipment date.

EXPEDITE REQUESTS:

• Expedite requests will be reviewed and accommodated by dormakaba USA based on production lead times and availability.

Email: BAS-expediterequest.us@dormakaba.com

• See the then current dormakaba USA Quick Ship Program for details.

WHOLESALE PURCHASE: Distributors are also free to utilize dormakaba USA's Authorized Wholesalers to purchase product. dormakaba USA does not make any guarantee of availability or pricing for purchases from an Authorized Wholesaler and the discounts afforded to Distributor by dormakaba USA shall not apply to purchases from an Authorized Wholesaler. The terms and conditions and price of product shall be as mutually agreed between Distributor and Wholesaler.

RETURNED AUTHORIZATION (RA)

RA REQUESTS: A Return Authorization Form ("RA") must be utilized to return defective products <u>still under warranty</u> or products deemed repairable by dormakaba USA Inc. ("dormakaba USA"). All products returned to dormakaba USA must have a correct Return Authorization (RA) number applied to the outside of the shipping carton. All products must be returned within sixty (60) calendar days of RA issue date. This process can take up to seven (7) days after product is received at dormakaba USA's factory. If a defective product presents a security risk, an advance replacement may be requested.

RA PROCESS: Requests for warranty related returns can be initiated by submitting an e-mail to

BAS-rgacreditgrp.us@dormakaba.com.

The RA Request Form must be completed entirely to process an RA. The following information will be needed:

- End User Name
- Sales Order Number
- Account Number
- Item Number
- Contact Name
- Item Quantity
- Phone Number
- Description of the Problem
- Purchaser Order Number
- Upon review and approval of the submitted RA request, a claim number is logged and provided back to the requestor by a dormakaba USA Team member.
- Once a claim number is issued, this number should be noted on all references and communications regarding the applicable situation to ensure a claim is easily identified.
- Defective product should be returned to the address below. The shipment must be marked with the approved RA claim number to ensure prompt processing and attention. All shipping charges prepaid by customer.

dormakaba USA Inc. Attn: Returns Department 6161 East 75th Street Indianapolis, IN 46250

- When material is received at dormakaba USA's factory, dormakaba USA will assess and determine the nature of the defect.
- Defective goods are replaced upon dormakaba USA's determination.
- Credit for material and freight is issued only if deemed appropriate by dormakaba USA. If approved, credit is initiated and a credit memo is mailed to the Distributor within fifteen (15) business days.

PURCHASE ORDERS:

A Purchase Order (PO) will be required if the Product is:

- 1. Defective and not under warranty, or
- An advance replacement is required <u>without</u> verification of whether the product is defective and under warranty.

Please send Purchase Orders to the following:

Preferred Method e-mail:

BAS-rgacreditgrp.us@dormakaba.com

• Fax: 1-877-835-1030

RETURNED AUTHORIZATION (RA) NON-WARRANTY

RA POLICY: A Return Authorization Form ("RA") must be utilized to return products that are not defective and otherwise in a resalable condition. Only goods with an invoice date of less than one (1) year will be considered for a non-warranty related return. All materials returned to dormakaba USA Inc. ("dormakaba USA") for any reason (other than warranty), must have a correct RA number applied to the outside of the shipping carton. A thirty percent (30%) re-stocking charge (of the purchase price) will be applied to the Distributor's account for orders returned, including orders that were placed by customer in error. Transportation charges of returned goods must be prepaid by the Distributor. All goods must be returned within sixty (60) calendar days of RA issue date. All goods must be returned in original packaging and be in resalable condition. Product not returned in saleable condition is subject to disposal by dormakaba USA with no credit issued. Commercial Hardware items that are special made to order items will not be returned under any circumstances.

RA PROCESS: Requests for non-warranty related returns can be initiated by submitting an e-mail to **BAS-rgacreditgrp.us@dormakaba.com**.

The RA Request Form must be completed entirely to process an RA. The following information will be needed:

- · Company Name
- Sales Order Number
- Account Number
- Item Number
- Contact Name
- Item Quantity
- Phone Number
- Description of the Problem
- Purchaser Order Number
- Upon review and approval of the submitted RA request, a claim number is logged and provided back to the requestor by a dormakaba USA Team member:
- 2. Once a claim number is issued, this number should be noted on all references and communications concerning said RA.
- 3. Product should be returned to the address below. The shipment must be marked with the approved RA claim number to ensure prompt processing and attention. All shipping charges prepaid by customer.

dormakaba USA Inc. Attn: Returns Department 6161 East 75th Street Indianapolis, IN 46250

- The RA will be processed once material is received at dormakaba USA's factory provided it is received in its original packaging and is in saleable condition.
- Credit is issued to the Distributor account and a credit memo is mailed to the Distributor.

FULFILLMENT ISSUES

Any quality issues (missing parts, wrong parts, handing, finish, etc) should be submitted electronically to: BAS-rgacreditgrp.us@dormakaba.com or your Local dormakaba USA Representative.

Please reference your original Purchase Order (PO) Number, Factory Order Number, Distributor Account, Contact Information (E-mail/Fax), and include a detailed description of the issue.

1) ITEMS MISSING FROM A SHIPMENT: If you have signed your shipment short, dormakaba USA Customer Service will promptly issue a No Charge replacement order for the missing products.

If the shipment was not signed short but after review, dormakaba USA Customer Service determines (based on shipping weights, packing lists, etc) that the order was indeed shipped short, a No Charge replacement will be issued.

If dormakaba USA Customer Service cannot verify a shipping error, an advance replacement order will be entered, charged, and expedited to the Distributor. The quality issue will be forwarded to the Return Authorization Credit Group for resolution.

If it is determined that the item was omitted from the order due to a dormakaba USA order entry error, a change order will be entered and expedited for the missing products.

Please see price book for further detail.

2) WRONG ITEMS RECEIVED (parts, handing, function, finish, etc):

Advanced replacements will be issued for any wrong items received. Such orders will be charged based on pricing/ discounts from the original order. The issue will be forwarded to dormakaba USA's Return Authorization Credit Group for resolution.

Any quality issue that is determined to be either a dormakaba USA order entry and/or manufacturing error will have an advanced replacement order entered and will be expedited. An RA will be issued to return the incorrect products. No re-stock fee will apply for dormakaba USA order entry and/or manufacturing errors.

ORDER FORM

dormakaba USA Inc.

Attn: Door Closers Division 6161 East 75th Street Indianapolis, IN 46250

Order Form:		P.O. #		
Date		Ship To:		
Sold To:				
Phone Number:		Date Required:		
Placed By:		Job Name:		
Entered By:		Salesperson:		
		Shop Via:		
Quantity	Product Description		Door Thickness	Finish

Quantity	Product Description	Door Thickness	Finish

RETURN AUTHORIZATION FORM REQUEST ☐ Return for Replacement **□** Return for Credit Date of Request: **NATURE OF PROBLEM** Original Order: Date of Request: Original P.O.: _____ ■ Manufacturing Defect Invoice #: _____ **□** Warranty Evaluation Customer Name:_____ ■ Missing Parts ■ Wrong Material Received Account Number: _____ Address: ___ ■ Wrong Material Ordered **☐** Wrong Quantity City: _____ State: ______Zip: _____ □ Return Inventory Contact Name: ☐ Other: _____ E-mail: NOTE: All returns shall be subject to dormakaba USA Inc.'s current Terms of Sale and Warranty as outlined in the price Phone: catalog. ☐ Ship Replacement Material to Address Above ☐ Ship Replacement Material to Address on Order **DETAILED DESCRIPTION OF DEFECT OR REASON FOR RETURN**

RETURN MATERIAL			
Line Item #	Quantity	Product Nomenclature	Product Description

Please e-mail completed form to BAS-rgacreditgrp.us@dormakaba.com or Fax to 1-877-835-1030

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6161 East 75th Street Indianapolis, IN 46250 USA

Phone 855-365-2407

stanleyhardwarefordoors.com

