



5100 Series

Architectural
Door Control



SPRING CUSHION STOP

SPECIFICATIONS



- HANDING:**
 - Non-handed
- OPERATION:**
 - Rack and pinion design
- BODY:**
 - High Strength Aluminum Alloy
- ARM:**
 - Stamped steel main arm
- ARM OPTIONS:**
 - Hold open arm
 - Track/Track Hold Open
 - DS/DSHO heavy duty parallel stop arm
 - Spring Cushion Stop for DS/DSHO
 - EDA (Extra Duty PA Arm).
- PISTON:**
 - Hardened steel, 1-1/2" diameter
- ADJUSTMENT:**
 - Adjustable controlled closing
 - Separate hydraulic backcheck standard
 - Separate sweep, latch and backcheck intensity in addition to backcheck
 - Optional delayed action
- SIZE:**
 - Adjustable 1 through 6
 - Factory pre-set to size 3
- MOUNTING:**
 - Tri-packed for regular, top jamb and parallel arm installations
 - Fasteners furnished for metal, wood and aluminum doors and frames
 - Sex nuts and bolts standard
 - Self drilling self tapping screws available
- COVER:**
 - Full plastic cover standard (non-handed), optional full metal cover available (handed)
- FINISHES:**
 - 605 (US3) – Polished Brass, 625 (US26) – Polished Chrome
 - 689 (US28) – Aluminum, 695 (N/A) – Duro Bronze, 696 (US4) – Gold
- FINISHES – SPRING CUSHION STOPS:**
 - 605 (US3) – Bright Brass (PVD), 613 (US10B) – Oil Rubbed Bronze (PVD), 630 (US32D) – Satin Stainless Steel
 - Note: PVD (Physical Vapor Deposition) coated finishes offer outstanding resistance to wear, durability and corrosion.
- CERTIFICATIONS LISTINGS COMPLIANCES:**
 - UL228 listed
 - ANSI/UL 10C listed for labeled swinging fire doors rated for up to and including 3 hours
 - Certified to ANSI/BHMA A156.4-2006 Grade 1
 - Meets requirements of the Buy American Act
- WARRANTY:**
 - Twenty-five (25) year limited warranty



SPRING CUSHION STOPS



PDQ's SCS Series Spring Cushion Stop helps reduce wear and tear on the opening. As the door begins moving through backcheck to its maximum opening angle, the stop acts as a shock absorber, dampening the impact forces.



NOTE: PLUNGER SHOWN IN RED TO ENHANCE THE CUSHIONING FEATURE.



STOP SHOWN BEFORE DOOR IS FULLY OPENED

STOP SHOWN WHEN DOOR IS FULLY OPENED

FINISHES

ARCHITECTURAL

605 (US3) Bright Brass, Clear Coated	613 (US10B) Oil Rubbed Bronze, No Coating. Available with SCS only.	625 (US26) Bright Chromium Plated, No Coating	630 (US32D) Satin Stainless Steel, No Coating. Available with SCS only.

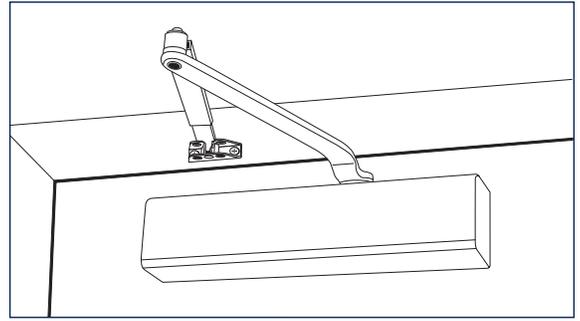
PAINTED

689 (US28) Aluminum	695 (N/A) Dark Duranodic Bronze	696 (US4) Satin Brass (Gold)

Finishes shown are representative only. PDQ cannot guarantee that product shipped will match finishes shown. Not all products are available in all finishes listed.

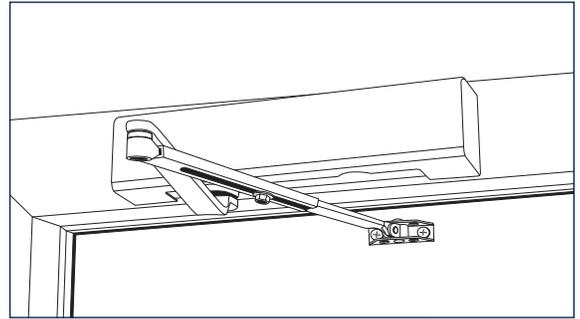
REGULAR ARM

Regular arm mount is a pull side application with double lever arm. The closer mounts on the door and the arm mounts to the frame. It provides the most efficient operation for a door control and is commonly used on in-swing doors from corridors or other interior doors. Regular arm mount is a poor choice for exterior out-swinging doors as it would put the closer on the exterior of the building. The arm assembly projects directly out from the frame. That may be a concern for vandalism or aesthetics. Regular arm application can be used with non-hold open or hold open arms.



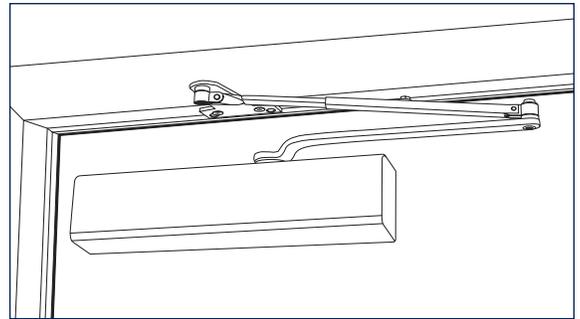
TOP JAMB

Top jamb mount is a push side double lever arm application that offers the best alternative to regular arm mount. The closer mounts to the frame and the arm mounts to the door. This application is commonly used on exterior out-swinging doors. It is a poor application for in-swinging doors from a corridor as it places the closer arm in a visible application projecting into the corridor. The arm projects out similar to regular arm mount. Therefore, it can be a concern for vandalism or aesthetics. Top jamb application can be used with non-hold open or hold open arms.



PARALLEL ARM

Parallel arm mount is a push side double lever arm application. The closer is installed on the push side of the door and the arm is mounted to a parallel arm adapter plate installed to the frame soffit. The arm is approximately parallel with the face of the door, eliminating the projection condition evident with regular arm and top jamb applications. Parallel arm is often preferred where aesthetics or vandalism are concerns. Parallel arm is less efficient than regular or top jamb mounts due to the geometry of the arm. Parallel arm application can be used with non-hold open or hold open arms.



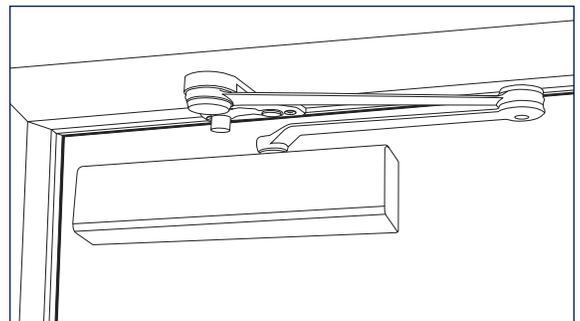
PARALLEL ARM (DS/DSHO) STOP ARM EXTRA DUTY ARM (EDA/EDAHO) ARM

The parallel stop arm mount is an enhanced version of the parallel arm application. It is similar to the parallel arm mount but incorporates a heavy duty rigid arm and soffit plate with limiting dead stop. The dead stop feature is field handed. The closer's backcheck function should be adjusted to cushion the impact of the stop. The parallel stop arm is intended for use where an auxiliary stop cannot be utilized. The parallel stop arm is available in non-hold open (DS) and hold open (DSHO) applications.



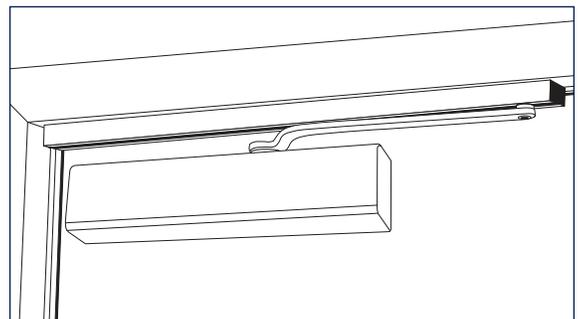
Recommend using the SCS Spring Cushion Stop for moderate to high abuse installations.

For Extra Duty PA Arm applications, specify EDA or EDAHO. Similar to DS/DSHO without the stop. Requires separate limiting stop by others.

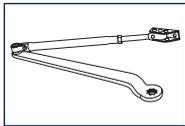


TRACK ARM (TA)

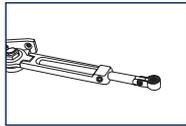
The non-handed Track Arm mount incorporates a single stamped arm not designed to be used as a limiting dead stop. It's low profile helps to eliminate projecting arm conditions, which can reduce vandal damage.



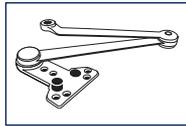
ACCESSORIES/OPTIONS



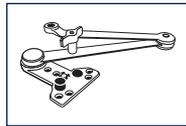
REGULAR ARM - RA* — Can be mounted REG/TJ/PA (requires PA bracket)



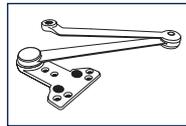
HOLD OPEN ARM - HO — Can be mounted REG/TJ/PA (requires PA bracket)



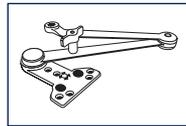
DOOR SAVER ARM - DS PA application only



DOOR SAVER ARM - DSHO PA application only



EXTRA DUTY ARM - EDA PA application only



EXTRA DUTY ARM HOLD OPEN - EDA HO PA application only

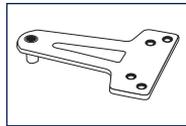
NEW



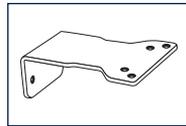
PARALLEL ARM DROP BRACKET - DBPA PA application only



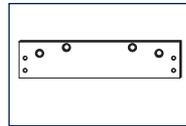
TRACK ARM ASSEMBLY - TA TRACK ARM HOLD OPEN - TAHO



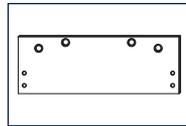
PARALLEL ARM BRACKET - PA* Non-hold open applications



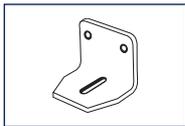
PARALLEL ARM HO BRACKET - PAHO** Hold open applications



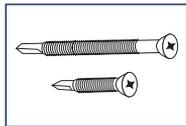
BACK PLATE - BP — For regular arm applications to clear mortised stop/holders or for TJ with limited ceiling clearance



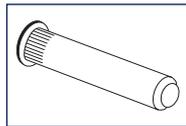
TOP JAMB DROP PLATE - DPTJ Provides greater drop (TJ) than BP to provide clearance for surface applied stop/holder, also required for PA applications with limited top rail.



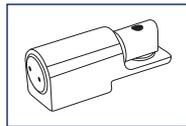
NARROW FRAME BRACKET - NFB — For use w/DS/DSHO/SCS arms & BS spacer for added reinforcement with narrow frame applications



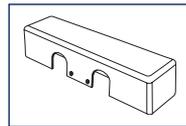
SELF DRILLING SELF TAPPING SCREWS - SDST



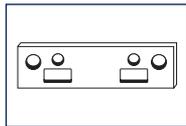
SEX NUTS AND BOLTS - SNB* — For through bolting on unreinforced, hollow core, composite or labeled fire doors, 1-3/4" only



SPRING CUSHION STOP - SCS — For use w/DS/DSHO (PA mount) arms only



FULL PLASTIC COVER - FMC FULL METAL COVER (OPTIONAL) - FMC



BLADE STOP SPACER - BS — Shims all PA brackets to clear 1/2" blade stop typical on aluminum storefront frames

*Not shown - Drop Plate PA-DPPA required for PA mount with limited top door rail.

ANSI FUNCTIONS TO PDQ MODELS

ANSI NUMBER	MOUNTING	PDQ MODEL	ANSI FUNCTIONS							
			PT-4A	PT-4C	PT-4D	PT-4E	PT-4G	PT-4H	PT-4E	PT-4G
C02011	HINGE SIDE	5101BCPA	X		X	X	X			X
		5141BCPA	X		X	X	X	X		X
C02021	PARALLEL	5101BCPA	X		X	X	X			X
		5141BCPA	X		X	X	X	X		X
		5101BCDS	X		X	X	X		X	X
C02041	TOP JAMB	5141BCDS	X		X	X	X	X	X	X
		5101BCPA	X		X	X	X	X		X
C02051	HINGE SIDE HOLD OPEN	5101BCHO	X		X	X	X			X
		5141BCHO	X		X	X	X	X		X
C02061	PARALLEL HOLD OPEN	5101BCHO	X		X	X	X			X
		5141BCHO	X		X	X	X	X		X
		5101BCDSHO	X		X	X	X		X	X
		5141BCDSHO	X		X	X	X	X	X	X
C02081	TOP JAMB HOLD OPEN	5101BCHO	X		X	X	X			X
		5141BCHO	X		X	X	X	X		X
C02211	HINGE SIDE TRACK	5101BCTA	X		X	X	X			X
		5141BCTA	X		X	X	X	X		X
C02221	HINGE SIDE HOLD OPEN TRACK	5101BCTAHO	X		X	X	X			X
		5141BCTAHO	X		X	X	X	X		X
C03011	HINGE SIDE	5101BCPA	X		X	X	X			X
		5141BCPA	X		X	X	X	X		X
C03021	PARALLEL	5101BCPA	X		X	X	X			X
		5101BCDS	X		X	X	X		X	X
		5141BCDS	X		X	X	X	X	X	X
C03041	TOP JAMB	5101BCPA	X		X	X	X			X
		5141BCPA	X		X	X	X	X		X
C03051	HINGE SIDE HOLD OPEN	5141BCPA	X		X	X	X	X		X
		5101BCHO	X		X	X	X			X
C03061	PARALLEL HOLD OPEN	5141BCHO	X		X	X	X	X		X
		5101BCHO	X		X	X	X			X
		5141BCHO	X		X	X	X	X		X
C03081	TOP JAMB HOLD OPEN	5101BCDSHO	X		X	X	X		X	X
		5141BCDSHO	X		X	X	X	X	X	X
C03081	TOP JAMB HOLD OPEN	5101BCHO	X		X	X	X			X
		5141BCHO	X		X	X	X	X		X
C03211	HINGE SIDE TRACK	5101BCTA	X		X	X	X			X
		5141BCTA	X		X	X	X	X		X
C03221	HINGE SIDE TRACK HOLD OPEN	5101BCTAHO	X		X	X	X			X
		5141BCTAHO	X		X	X	X	X		X

HOW TO ORDER

SERIES	SIZE	OPTIONS	ACCESSORIES			
Closer Series 5100	Adjustable Size 1-6	DS – Door Saver Arm DSHO – Door Saver Hold Open Arm ³ EDA – Extra Duty Arm ² EDA HO – Extra Duty Arm Hold Open ^{3,3} HO – Hold Open, Tri-Pack ³ PA – Tri-Pack (standard) SCS – Spring Cushion Stop SCSHO – Spring Cushion Stop Hold open TA – Track Arm ³ TAHO – Track Arm Hold Open ³	Blank – SNB & Full Plastic Cover (Standard) DBPA – Parallel Arm Drop Bracket BP – Back Plate BS – Blade Stop Spacer BPTJ – Top Jamb Back Plate DPTJ – Top Jamb Drop Plate DPPA – Parallel Arm Drop Plate FCM – Full Metal Cover NFB – Narrow Frame Bracket SDST – Self Drilling Self Tapping Screws			
51	0	1	BC	PA	689	BP
0 – Non-Delayed Action 4 – Delayed Action (In Addition To Backcheck)		BC – Adjustable Hydraulic Backcheck (Standard)		605 – Polished Brass 625 – Polished Chrome 689 – Aluminum 695 – Duro Bronze 696 – Gold		
DELAYED ACTION		BACKCHECK		FINISH		

NOTES

- 1 - Case quantity is 6 / Case weight is 50 lbs.
- 2 - Requires separate limiting stop by others.
- 3 - Not appropriate for use on fire labeled doors

SIZE SELECTOR REGULAR/TOP JAMB

CLOSER SIZE	INTERIOR DOOR WIDTH	EXTERIOR DOOR WIDTH
1	30"	—
2	34"	26"
3	38"	30"
4	48"	36"
5	54"	42"
6	60"	48"

Closer sizes may vary due to site conditions.

SIZE SELECTOR REGULAR/TOP JAMB

CLOSER SIZE	INTERIOR DOOR WIDTH	EXTERIOR DOOR WIDTH
1	—	—
2	30"	—
3	34"	26"
4	38"	30"
5	48"	36"
6	54"	42"

Closer sizes may vary due to site conditions.

CROSS REFERENCE

PDQ	CAL ROYAL®	CORBIN/RUSSWIN®	DORMA	DOR-O-MATIC®	HAGER®	LCN®	NORTON/YALE®	SARGENT®	STANLEY®
5100	900	N/A	7414/7436	SC60/ SC61	5200	1370	160/51	1130/1131	N/A

Information on this sheet is compiled from public documents and third parties. As a result, PDQ makes no guarantees as to their accuracy, content, quality or availability. Comparisons were made using the technical features only and are not commercial comparisons. Final suitability should be determined by a professional hardware consultant.

SUGGESTED ARCHITECTURAL SPECIFICATIONS

All door closers shall be PDQ Industries, Inc. 5100 Series with full rack and pinion construction, heavy duty cast aluminum closer body, stamped flat style arm assembly and full architectural cover. Hydraulic control shall be through separate hex-key non-critical sweep, latch and backcheck adjustment. Optional delayed action to be effective from maximum opening to approximately 70 degrees. Closers shall be non-handed, suitable for regular, top jamb and

parallel arm applications with fasteners for wood or metal doors and frames. Sex nuts and bolts shall be furnished standard. Spring adjustment to be provided throughout a range of sizes 1-6. All products carry a 25-year manufacturer's limited warranty. Closers shall be UL 10C listed for positive pressure and certified to ANSI/BHMA A156.4-2006 Grade 1.



WHEN TIME EQUALS MONEY

PDQ'S *PRIORITY* QUICKSHIP DELIVERS

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