

RIXSON®

CHECKMATE®

STOPS & HOLDERS

Auxiliary Door Control

for Wall and Door

Protection



INTRODUCTION

Overhead stops are used to protect door assemblies. They cut down the wear and tear of frequency, closing mechanisms, wind gusts, abuse and vandalism. By limiting the door travel, they can add years to the life of the door, frame, and hanging means.

Overhead holders and friction stays add convenience for the end user who already appreciates the need for the overhead stop.

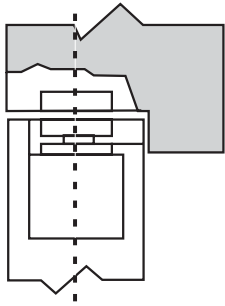
Standard Features

- Non-handed
- Adjustable standard-duty product has multiple functions in single model (stop, friction and hold open)
- Non-metal slider eliminates door movement noise
- Adjustable, non-adjustable standard-duty and heavy-duty models available
- Adjustable standard-duty units make templating easier than ever before
- Adjustable standard-duty models allow you to select any degree of stop you require up to 110° (after templating)
- Unique door and frame problems can be solved with our library of more than 300 special layouts
- All units come with appropriate fasteners for any door material
- Torx® fasteners an option
- All heavy-duty models comply to ANSI 156.8 Grade 1, see individual model description for exact match
- Non-adjustable, standard duty model, an economical way to stop low frequency usage doors

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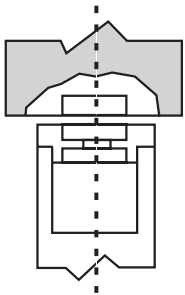
CONCEALED MOUNTING



Method A - Standard Installation, Single Acting
Nos. 1, 2, 5, 6 Series

For single acting doors, the jamb bracket is mortised into the frame and the channel mortised into the top of the door. Both the bracket and channel are secured with wood or machine screws.

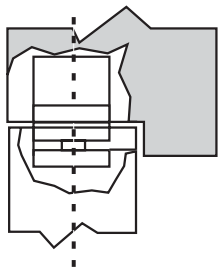
A cutout for the arm is required on the stop side of the door only. A hole must be drilled for the control knob of the No. 1 Series holder only.



Method B - Standard Installation, Double Acting
Nos. 1, 2, 5, 6 Series

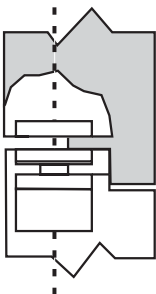
For double acting spring hinge and center hung floor closer or pivot applications.

Mounting is similar to Method A, with the exception that the cutout for the arm is required on both sides of the door.



Method C - Inverted Installation, Single Acting
Nos. 2, 5 Series

Recommended for doors with minimum top rail depth. The arm and jamb bracket are mortised into the door, and the channel is installed in the header with wood or machine screws. A cutout for the arm is required only on the stop side of the door.

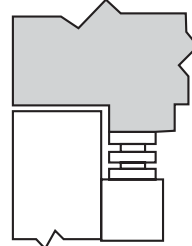


Method D - Rabbeted Door Installation, Single Acting
No. 2, 5 Series

The method is designed for 1-3/4" doors with 1/2" maximum rabbet. The jamb bracket is mortised into the door. Wood or machine screws are used for fastening.

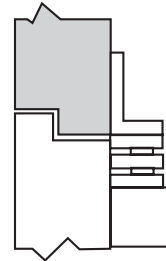
The cutout for the arm is required on the stop side of the door only.

SURFACE MOUNTING



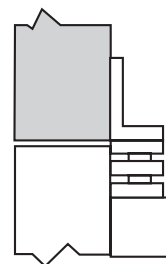
Method No. 1 - Standard Installation (Push side of door)
Nos. 8HD, 9, 10, 55 Series

The jamb bracket mounts on the stop strip with wood or machine screws. The channel or door bracket mounts with sex bolts.



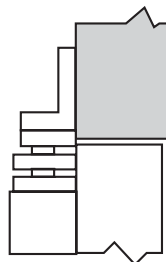
Method No. 2 - Rabbeted Door Installation (Push side of door)
Nos. 8HD, 9, 10, 55 Series

A special angle jamb bracket adapter mounts on the header with wood, machine screws or sex bolts. The jamb bracket attaches to the adapter with machine screws. The channel fastens to the door with sex bolts. (Same bracket as used with Method 3 and 5. See catalog for bracket number.)



Method No. 3 - Flush Door Installation (Push side of door)
Nos. 8HD, 9, 10, 55 Series

This method of installation is identical to Method No. 2 for Rabbeted Doors. (Same bracket as used with Method 5. See catalog for bracket number.)



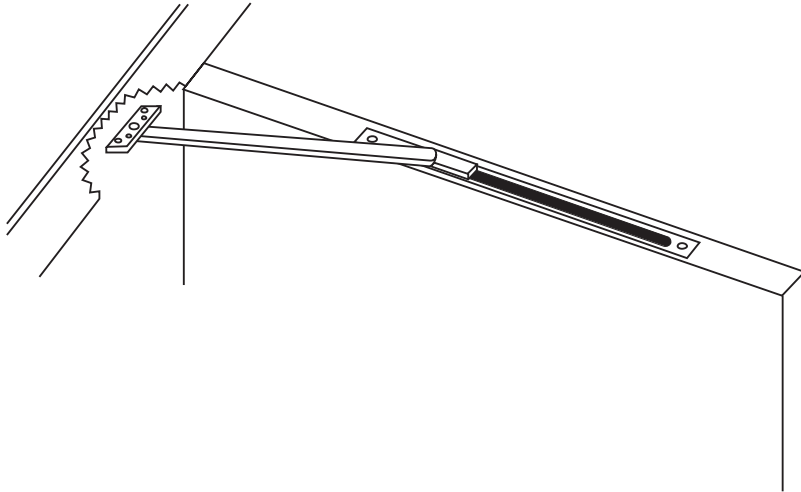
Method No. 5 - Reverse Installation (Pull side of door)
Nos. 9, 10 and 55 Series

The jamb bracket adapter is secured to the header with wood or machine screws. The jamb bracket fastens to the adapter with machine screws and the channel mounts on the door with sex bolts. (Same bracket as used with Method 2 and 3. See catalog for bracket number.)

CONCEALED MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Doors may be single or double acting
- Non-handed
- Slide track design
- Recommended for high traffic, heavy abuse installations
- Heavy shock absorber spring provides 5°-7° compression before dead stop
- Surface on/off knob on hold open models
- Stop, friction stay or hold open functions
- Complete screw packet allows for wood or metal door and frame applications
- For security areas, Torx® screws optional
- Standard architectural finishes
- Non-metal slide block and shock block
- 110° maximum opening
- 1-3/4" minimum door thickness, for thicker doors, note thickness when ordering
- LS option available for doors being used with electromechanical closers & floor closers with dead stop
- Track is 1-3/16" tube
- UL listed as stop function



Checkmate®
Stops & Holders

Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	Friction	H.O.	Stop
*24 - 28	----	1-116	1-126	1-136
28-1/16 - 33	30 - 36	1-216	1-226	1-236
33-1/16 - 38	36-1/16 - 41	1-316	1-326	1-336
38-1/16 - 43	41-1/16 - 46	1-416	1-426	1-436
43-1/16 - 48	46-1/16 - 50	1-516	1-526	1-536

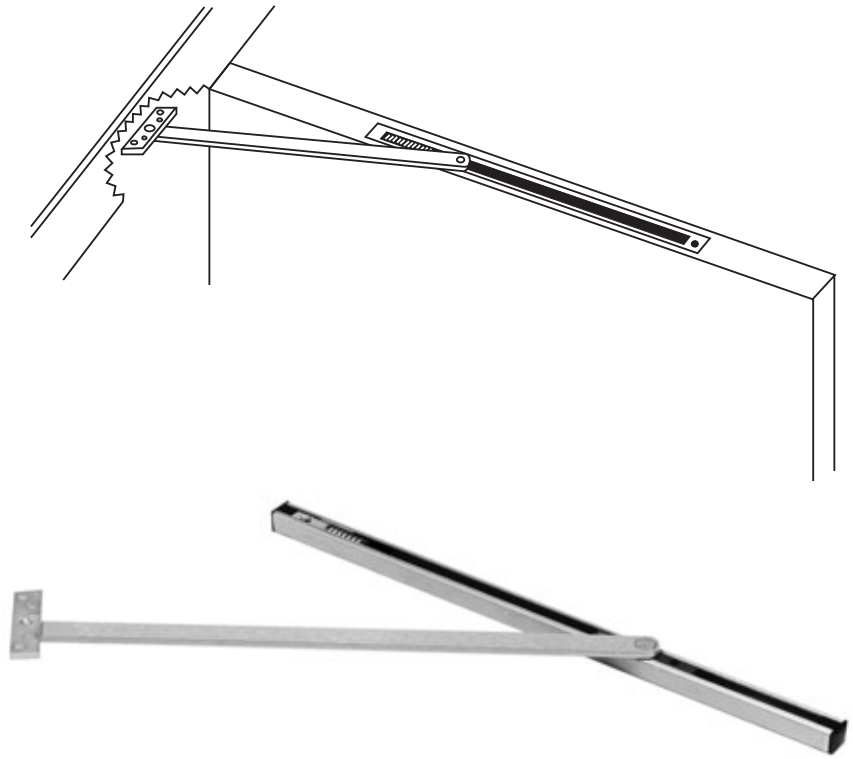
ANSI No.			
Shipping Weight 4.5 lbs.	Friction	H.O.	Stop
	----	C01511	C01541

*Butt hung only on this size door.

CONCEALED MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Doors may be single or double acting
- Non-handed
- Slide track design
- Recommended for medium-traffic, medium-weight doors
- Degree of opening is fully adjustable and can be adapted to changing needs
- Heavy shock absorber spring provides 5°-7° compression before dead stop
- Multi-function unit is shipped as a stop. Can be converted to a hold open or friction in field. 5012-PKG (Adapter kit) included
- Complete screw packet allows for installation in wood or metal door and frame
- Torx® screws available, but heavy-duty units should be considered for high security applications
- Standard architectural finishes
- Non-metal slide block and shock block
- 110° maximum opening
- Track is 3/4" tube
- UL listed as stop function



Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	Friction	H.O.	Stop	Multi
*18 - 24	----	2-116	2-126	2-136	2-146
24-1/16 - 30	27 - 32	2-216	2-226	2-236	2-246
30-1/16 - 36	32-1/16 - 38-1/2	2-316	2-326	2-336	2-346
36-1/16 - 42	38-9/16 - 45	2-416	2-426	2-436	2-446
42-1/16 - 48	45-1/16 - 48	2-516	2-526	2-536	2-546

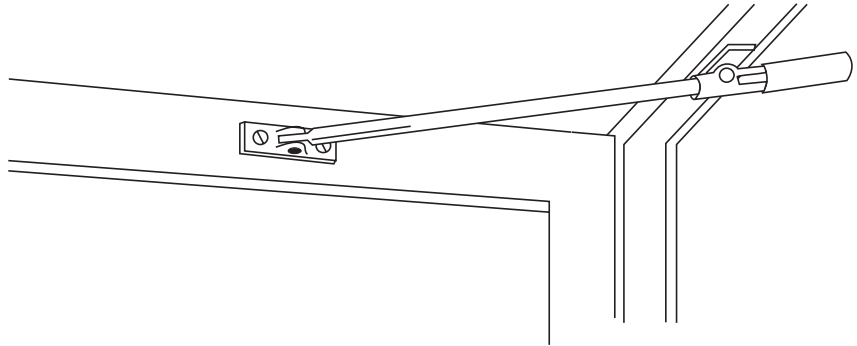
ANSI No.			
Shipping Weight	Friction	H.O.	Stop
3.5 lbs.	C04531	C04511	C04541

*Butt hung only on this size door.

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Single acting
- Non-handed
- Rod design
- Recommended for industrial areas
- Hold-open and stop combined
- Shock absorber
- Machine screws and sex nuts and bolts
- Standard architectural finishes
- 110° maximum opening
- For security areas, Torx® screws optional



Door Opening Chart (in inches)

Butts Offset Pivots	Model Number
	Hold Open and Stop
29 - 34-1/2	4-126
35 - 40-1/2	4-226
41 - 46-1/2	4-326
47 - 53	4-426

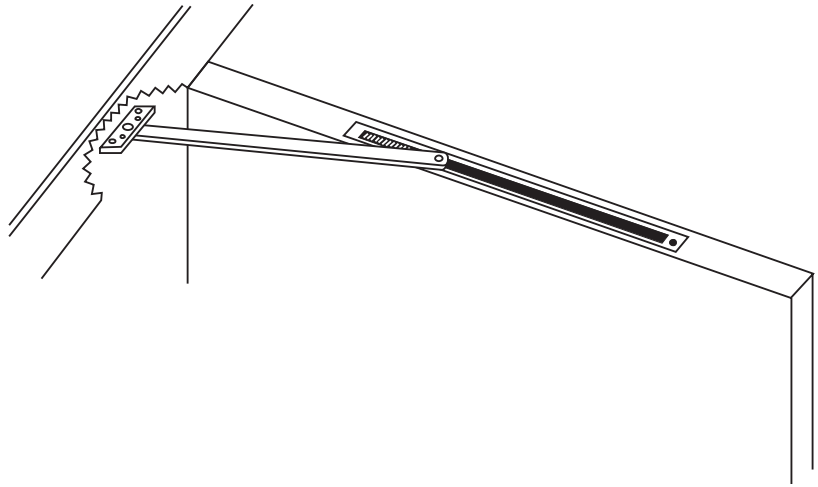
ANSI No.	
H.O.	Stop
C08511	

Shipping Weight
3 lbs.

CONCEALED MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Doors may be single or double acting
- Non-handed
- Slide track design
- Recommended for medium-traffic, medium-weight interior doors
- Heavy shock absorber spring provides 5°-7° compression before dead stop
- Complete screw packet allows for installation in wood or metal door and frame
- Torx® screws available, but heavy-duty units should be considered for high security applications
- Non-metal slide block and shock block
- 110° maximum opening
- Track is 3/4" square tube



Door Opening Chart (in inches) Model Number

Butts Offset Pivots	Center Hung Pivots	H.O.	Stop
*18 - 24	----	5-126	5-136
24-1/16 - 30	27 - 32	5-226	5-236
30-1/16 - 36	32-1/16 - 38-1/2	5-326	5-336
36-1/16 - 42	38-9/16 - 45	5-426	5-436
42-1/16 - 48	45-1/16 - 48	5-526	5-536

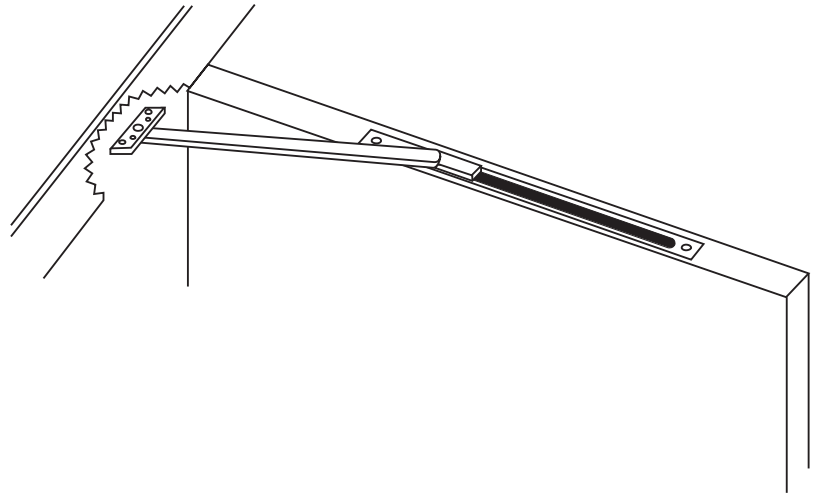
ANSI No.		
Shipping Weight	H.O.	Stop
3.5 lbs.	C04512	C04521

*Butt hung only on this size door.

CONCEALED MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Low-profile concealed channel double acting slide track design
- Multi-function unit is shipped as a stop. Can be converted to a hold open in field. 666022-PKG (Adapter kit) included
- Torx® screws available
- Designed for installation in aluminum door webbing
- Non-handed
- Heavy shock absorber spring provides 5°-7° compression before dead stop
- Complete screw packet allows for wood or metal door and frame
- Standard architectural finishes
- Non-metal slide block
- 110° maximum opening
- 1-3/4" minimum door thickness
- For security areas, Torx® screws optional
- Track is 1-3/4" wide by 1/2" deep
- UL listed for stop function



Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	H.O.	Stop	Multi
*24 - 28	-----	6-126	6-136	6-146
28-1/16 - 33	30 - 36	6-226	6-236	6-246
33-1/16 - 38	36-1/16 - 41	6-326	6-336	6-346
38-1/16 - 43	41-1/16 - 46	6-426	6-436	6-446
43-1/16 - 48	46-1/16 - 50	6-526	6-536	6-546

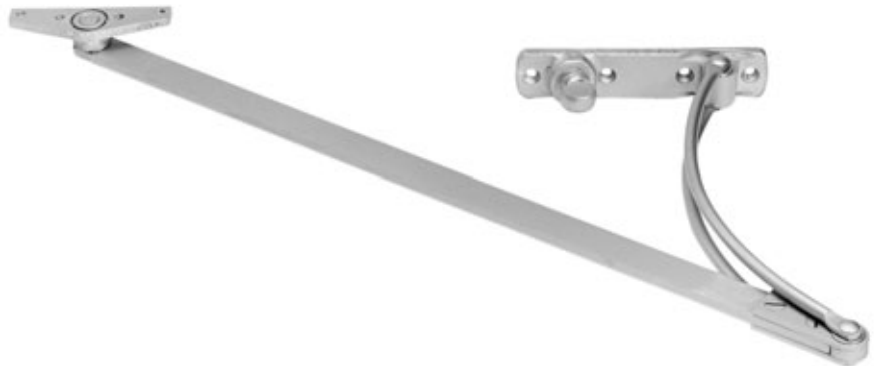
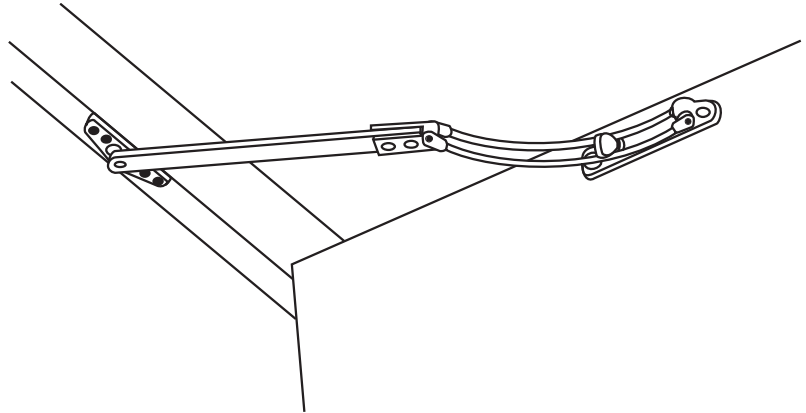
*Butt hung only on this size door.

ANSI No.		
Shipping Weight	H.O.	Stop
4.5 lbs.	C04511	C04541

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Single acting
- Non-handed
- Cantilever design
- Double spring arm absorbs shock
- Self-lubricating bronze bearings
- Sprayed finishes only
- Complete screw packet allows for installation on wood or metal door and frame
- 110° maximum opening



Door Opening Chart (in inches)

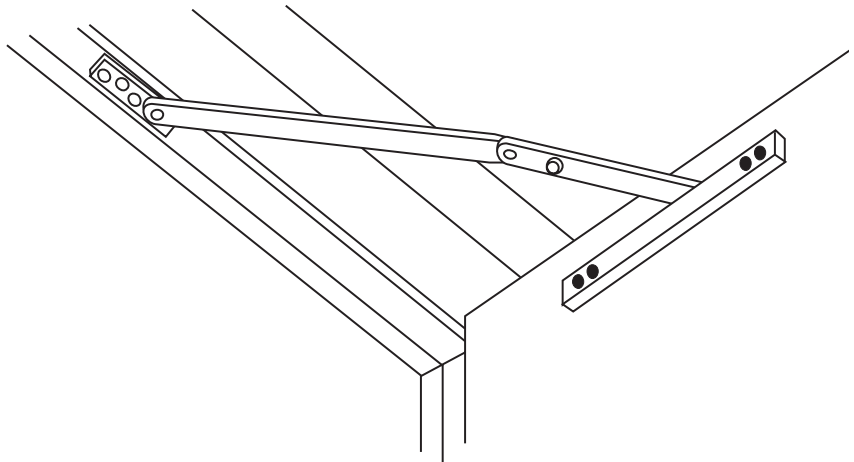
Butts Offset Pivots	Model Number
	Hold Open and Stop
24 - 30	7-126
30-1/16 - 34	7-226
34-1/16 - 39	7-326
39-1/16 - 48	7-426

ANSI No.		
Shipping Weight 7 lbs.	H.O.	Stop
		C09511

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Single acting doors
- Non-handed
- Double lever design
- Recommended for high-traffic, heavy abuse installations
- Heavy shock absorber spring provides 6° compression before deadstop
- Fingertip hold open or stop only
- Complete screw packet allows for wood or metal door and frame
- For security areas Torx® screws, optional
- Standard architectural finishes
- 110° maximum opening
- 1-3/4" minimum door thickness
- To mount on pull side of door, use angle bracket 5458 LH or 5459 RH



Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	H.O.	Stop
*24 - 27	26 - 29-1/2	8-126	8-136
27-1/16 - 32-1/2	29-9/16 - 35	8-226	8-236
32-9/16 - 38-3/4	35-1/16 - 41-1/2	8-326	8-336
38-13/16 - 42-1/2	41-9/16 - 45	8-426	8-436
42-9/16 - 48	45-1/16 - 48	8-526	8-536

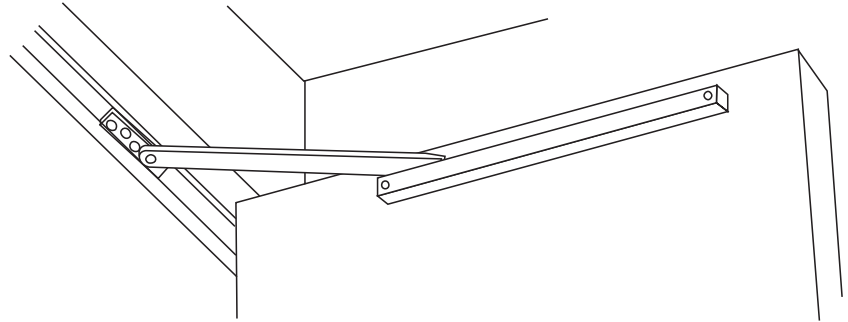
ANSI No.		
Shipping Weight 4.5 lbs.	H.O.	Stop
	C04531	C04541

*Butt hung only on this size door.

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Non-handed
- Slide track design
- Recommended for high-traffic, heavy abuse installations
- Heavy shock absorber spring provides 5°-7° compression before deadstop
- On/off knob on hold open models
- Stop, friction stay or hold open function
- Complete screw packet allows for installation in wood or metal door and frame
- For security areas Torx® screws, optional
- Standard architectural finishes
- Non-metal slide block and shock block
- 110° maximum opening
- 1-3/4" minimum door thickness
- LS option available for doors being used with electromechanical closers and floor closers with dead stop
- To mount on pull side of door, use bracket 5458 LH or 5459 RH
- Track is 1-3/16" square tube
- UL listed



Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	Friction	H.O.	Stop
*24 - 28	25-1/2 - 30	9-116	9-126	9-136
28-1/16 - 33	30-1/16 - 36	9-216	9-226	9-236
33-1/16 - 38	36-1/16 - 41	9-316	9-326	9-336
38-1/16 - 43	41-1/16 - 46	9-416	9-426	9-436
43-1/16 - 48	46-1/16 - 50	9-516	9-526	9-536

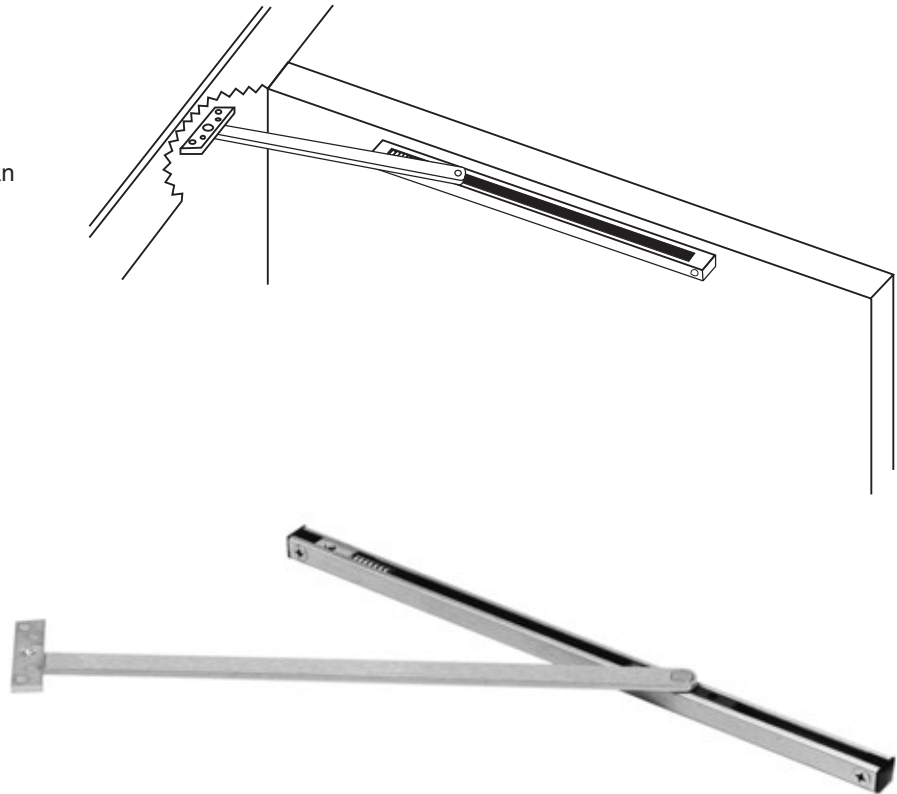
ANSI No.			
Shipping Weight 4.5 lbs.	Friction	H.O.	Stop
	----	C02511	C02541

*Butt hung only on this size door.

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Single acting doors
- Non-handed
- Slide track design
- Recommended for medium-traffic, medium-weight doors
- Degree of opening fully adjustable and can be adapted to changing needs
- Heavy shock absorber spring provides compression before deadstop
- Multi-function unit is shipped as a stop. Can be converted to a hold open or friction in field. 5012-PKG (Adapter kit) included
- Complete screw packet allows for installation in wood or metal door and frame
- Torx® screws available, but heavy-duty units should be considered for high-security applications
- Standard architectural finishes
- Non-metal slide block and shock block
- 110° maximum opening
- To mount on pull side of door, use angle bracket 5258
- Track is 3/4" square tube



Door Opening Chart (in inches)

Model Number

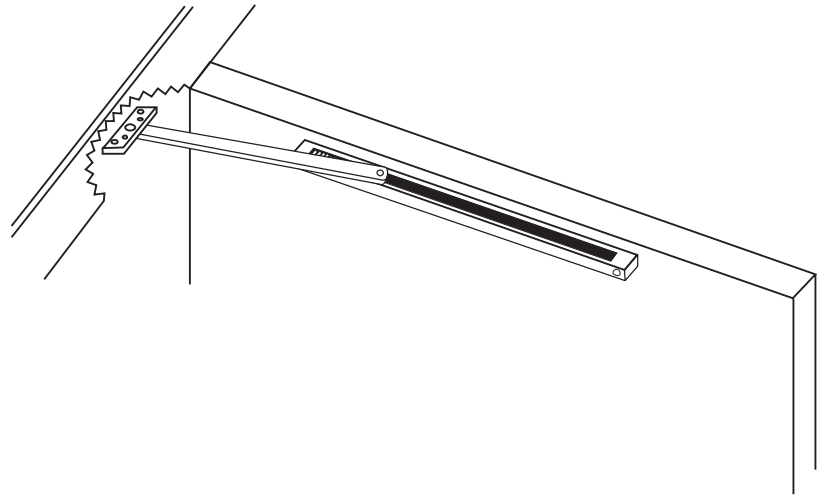
Butts Offset Pivots	Center Hung Pivots	Friction	H.O.	Stop	Multi
*18 - 24	21 - 26-1/2	10-116	10-126	10-136	10-146
24-1/16 - 30	26-9/16 - 32	10-216	10-226	10-236	10-246
30-1/16 - 36	32-1/16 - 38	10-316	10-326	10-336	10-346
36-1/16 - 42	38-1/16 - 45	10-416	10-426	10-436	10-446
42-1/16 - 48	45-1/16 - 48	10-516	10-526	10-536	10-546

ANSI No.			
Shipping Weight 3.5 lbs.	Friction	H.O.	Stop
	C05531	C05511	C05541

SURFACE MOUNT - INTERIOR OR EXTERIOR DOORS

Product Description & Features

- Non-handed
- Slide track design
- Recommended for medium-traffic, medium-weight interior doors
- Heavy shock absorber spring provides 5°-7° compression before deadstop
- Complete screw packet allows for installation in wood or metal door and frame
- Torx® screws available, but heavy-duty units should be considered for high security applications
- Non-metal slide block and shock block
- 110° maximum opening



Checkmate®
Stops & Holders

Door Opening Chart (in inches)

Model Number

Butts Offset Pivots	Center Hung Pivots	H.O.	Stop
18 - 24		55-126	55-136
24 - 1/16 - 30	27 - 32	55-226	55-236
30 - 1/16 - 36	32-1/16-38-1/2	55-326	55-336
36 - 1/16 - 42	38-9/16 - 45	55-426	55-436
42-1/16 - 48	45-1/16 - 48	55-526	55-536

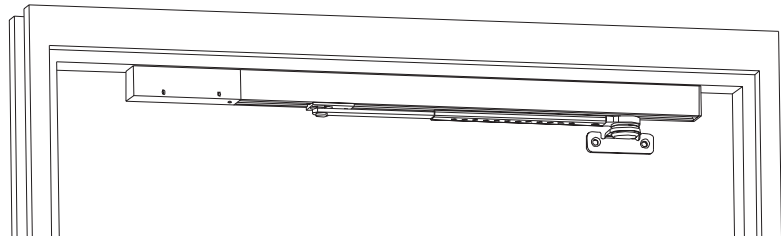
ANSI No.

Shipping Weight 3.5 lbs.	H.O.	Stop
	C04512	C04542

SURFACE MOUNT - INTERIOR DOORS

Product Description & Features

- Surface mounted
- Single acting
- Non-handed
- Used with independent closers
- Sprayed finishes
- 85° - 110° hold open
- Push side or pull side
- Detected or non-detected
- 24vAC/24vDC or 120 vAC
(.090 Amps@24v. .035@120)
- For doors 32"-54" wide
- Surface or concealed wiring
- UL listed door holder
- Holding force 25-35 lbs



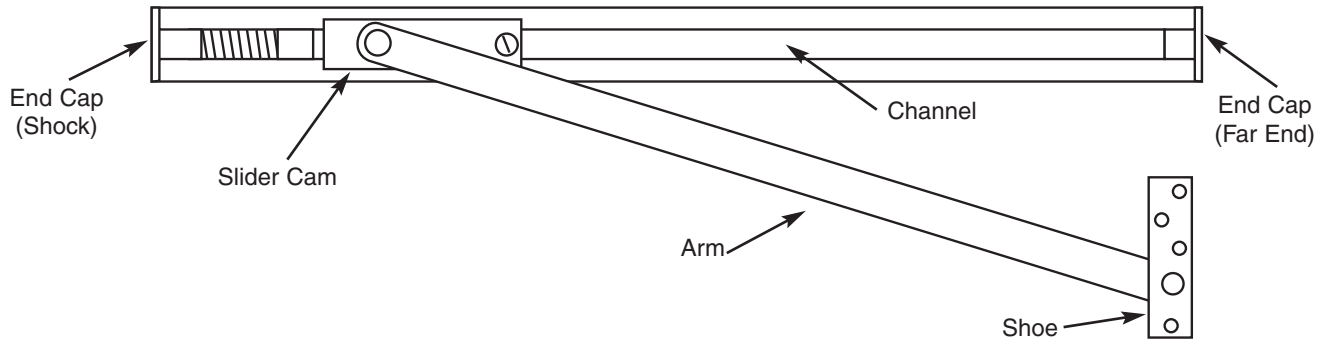
Model Number

Description	Detected	Non-Detected
Push Side Mount	99-626	99-726
Pull Side Mount	99-826	99-926

ANSI No.

	Detected	Non-Detected
Shipping Weight 4 lbs.		
Push Side Mount	C00521	C00511
Pull Side Mount	C00481	C00471

CHECKMATE®



End Caps #1, 2, 9 & 10 only

#1 & #9 -- Shock end block 6003
Far end block 6004

#2 --, #5 Far end block 5059 (2 required)

#10 --, #55 Far end block 5011 (2 required)

* specify finish

Screw Kits

#1 --	Friction or Stop	6487 - *
	Hold open	6998N *
#2 --, #5	Friction or Stop	5999 - *
#4 --	Friction or Stop	5639 - *
#6 --	Friction or Stop	6487 - *
#7 --	Friction or Stop	3880 - * XXXA
#8 --	Friction or Stop	5897 - *
#9 --	Friction or Stop	6468 - *
	Hold open	6997N *
#10 --, #55	Friction or Stop	5998 - *

* specify finish

Slide Track Arm Assemblies (includes arm, shoe & slider cam)

*Specify Model, Size & Finish

example: 1 - 3ARM* = 1 - 336

10 - 2ARM* = 10 - 236

* = finish

Hold Open Kit

#6 666022-PKG

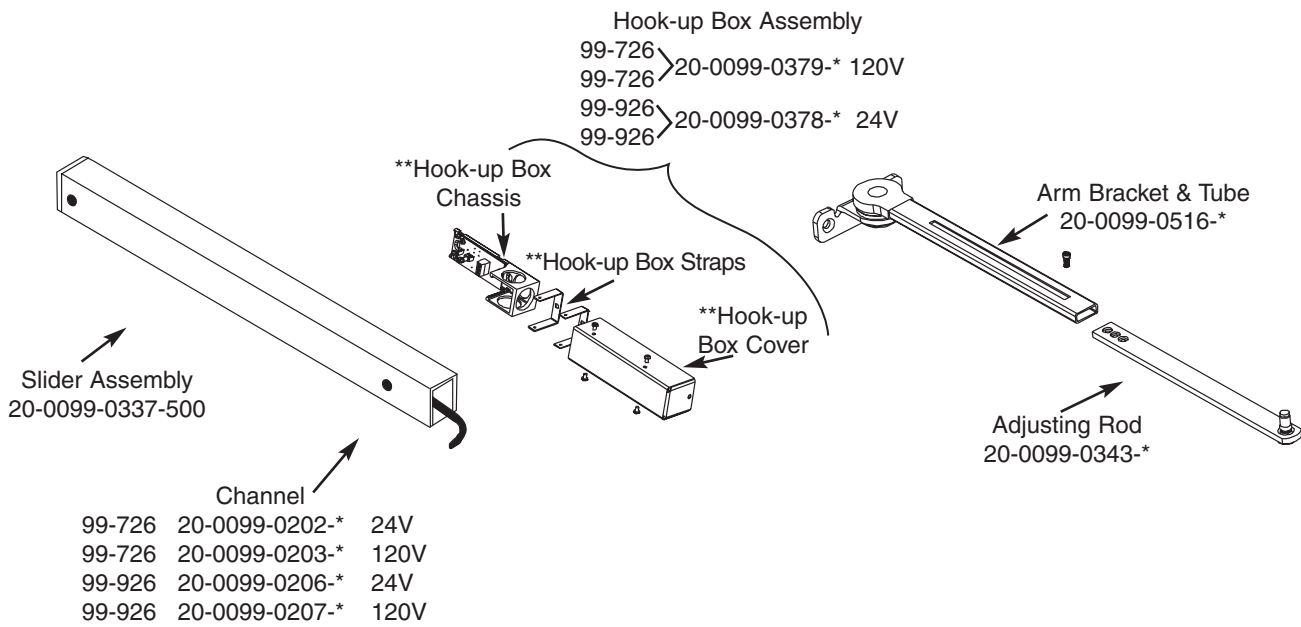
Multi Function Kit

#2 & 10 5012-PKG

MODELS 99-726 AND 99-926

Screw Kit
20-0040-0534 - *

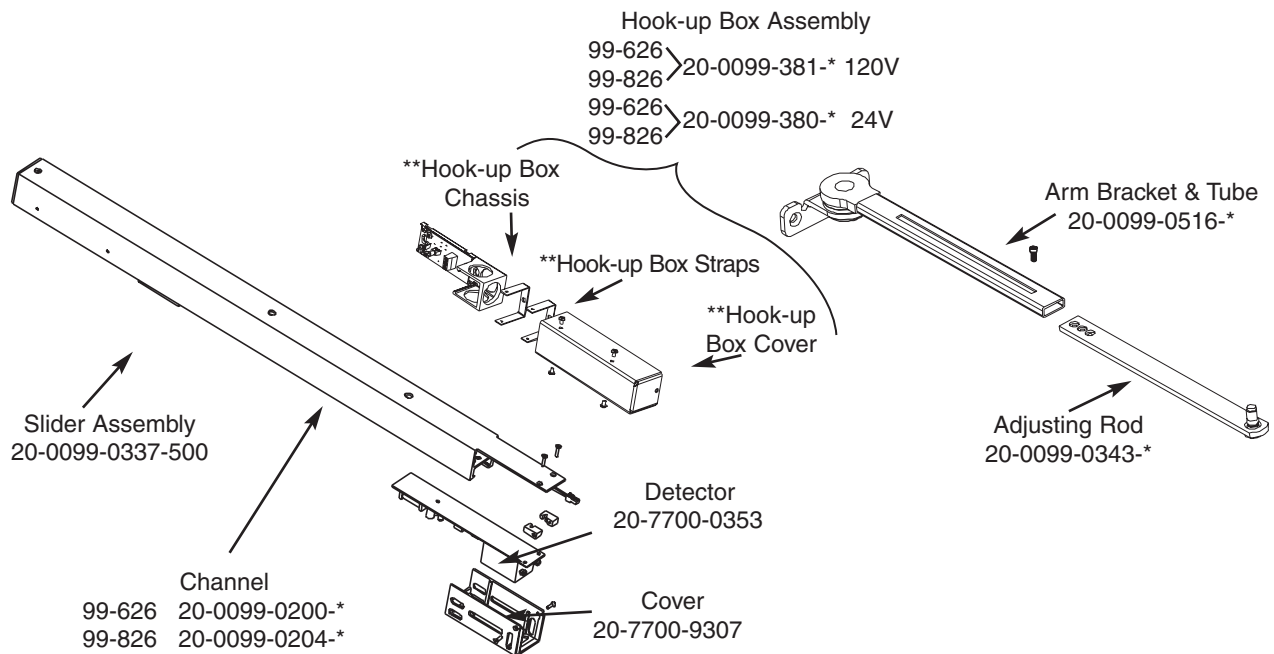
* = specify finish
** = not sold separately.
part of hook-up box assembly



MODELS 99-626 AND 99-826

Screw Kit
20-0040-0534 - *

* = specify finish
** = not sold separately.
part of hook-up box assembly



SAMPLE

1 Series	—	3 Door Size Symbol	3 Function Symbol	6 Base Metal Symbol	630 Finish
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FINISHES

U.S. Standard	Description	BHMA Code
US3	Bright brass, clear coated	605E
US4	Satin brass, clear coated	606E
US9	Bright bronze, clear coated	611E
US10	Satin bronze, clear coated	612E
US10B	Satin oxidized bronze, oil rubbed	613E
US26	Bright chrome plated	625E
US26D	Satin chrome plated	626E
US32	Bright stainless steel	629
US32D	Satin stainless steel	630
SA	Sprayed aluminum	689
SB	Sprayed bronze	690
SLB	Sprayed light bronze	691
SG	Sprayed gold	696