

HIGH PERFORMANCE PRODUCTS

For The
Glazing Industry



801 Cedar Cross Road | Dubuque, IA | 52003

563-583-1978 or Toll Free 877-230-1978



**801 Cedar Cross Road
Dubuque, Iowa 52003
P. (563) 583-1978
F. (563) 582-6113**

Hi, I'm Tim Greenfield, owner of Greenfield Products. For 50 years my family has been in the glass and glazing industry and we have noticed several issues with the way standard commercial door hardware meshes with aluminum doors.

As we all know that most hardware is commonly made to work on steel doors and frames, which leads us, in the aluminum world, to do what we can to make the hardware work with our product. Many of the products that you will find in our product line, we have been producing for years. Today with project pricing getting ever more competitive we saw a need for a source that can supply the proper parts to make all of the commercial door hardware work with aluminum doors and frames nationwide and at the same time improve upon the total performance of all aluminum doors and frames.

It is our goal to bring to market all of the products we have developed over the years and ease the pain for the rest of glass industry when it comes to installing commercial hardware on aluminum doors and frames, and at the same time clean up many of the problems that have frustrated glazers, designers and owners for years.

We hope that you find the products that you have been looking for in our catalog and if it isn't here and you can't find it, give us a call, these are the things that we are looking to manufacture to make your world better.

Sincerely,

A handwritten signature in blue ink that reads "Tim Greenfield". The signature is written in a cursive, flowing style.

Tim Greenfield,

President and CEO

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KEYED REMOVABLE MULLIONS



Mullions are close to invisible when installed

KEYED REMOVABLE MULLIONS FOR ALUMINUM DOORS



Standard aluminum pairs of doors leak air and water.



Traditional removable mullions are unsightly and do not fix air and water infiltration.

INTRODUCING GREENFIELD PRODUCTS KEYED REMOVABLE MULLIONS



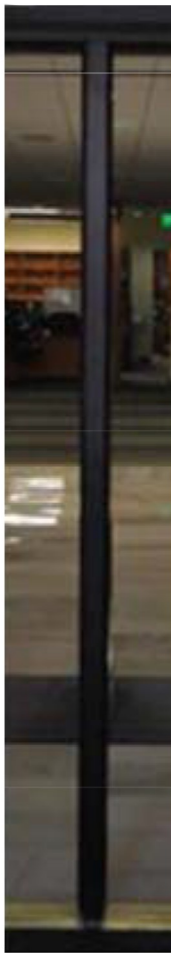
Carnegie-Stout Public Library
Dubuque, IA
Glazing Contractor: Dubuque Glass Co.

Unlike any other, our removable mullion provides optimal efficiency by creating an element barrier all around the door. The Greenfield Products Removable Mullion blends with the door frame to create the most visually appealing mullion available. Coming soon in thermally improved.

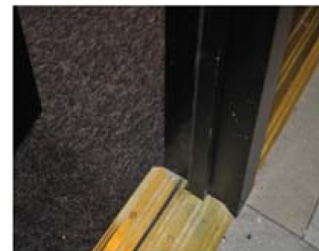


CLEAN SIMPLE EFFECTIVE

Having the **mullion tube** positioned between the single doors eliminate air flow while serving as an element barrier



The **latch plate** affixed to the door frame retains the mullion top



The **base plate** is attached within the thresholds to accept the mullion tube bottom



The locking mechanism is housed within the mullion cavity to shield it from debris and unauthorized tampering.

Works with all major commercial storefront systems.
Available in 1 3/4" and 2" by 84" and 96".
Custom colors are available

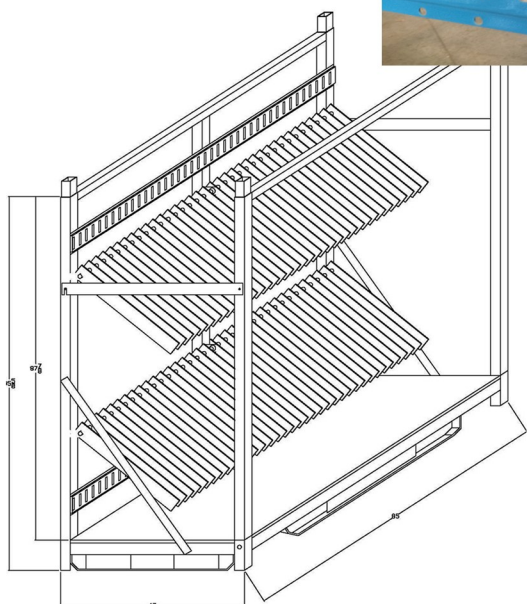


PARTS

Part Number	Color	Description	List Price
184S	DU/AL	1 ¾ x 4 ½ x 84 Smooth tube with screw applied stop	\$552.00
184F	DU/AL	1 ¾ x 4 ½ x 84 Double fin tube	\$543.00
196S	DU/AL	1 ¾ x 4 ½ x 96 Smooth tube with screw applied stop	\$552.00
196F	DU/AL	1 ¾ x 4 ½ x 96 Double fin tube	\$543.00
284S	DU/AL	2 x 4 ½ x 84 Smooth tube with screw applied stop	\$552.00
284F	DU/AL	2 x 4 ½ x 84 Double fin tube	\$543.00
296S	DU/AL	2 x 4 ½ x 96 Smooth tube with screw applied stop	\$552.00
296F	DU/AL	2 x 4 ½ x 96 Double fin tube	\$543.00
296ST	DU/AL	2 ¼ x 4 ½ x 96 Thermally isolated smooth tube with screw applied stop	Coming Soon

RACKS AND CARTS

DOOR RACKS



MATERIAL RACK



ADJUSTABLE SAW HORSE



FABRICATION



TILTING HARDWARE INSTALLATION
AND GLAZING TABLE



MATERIAL AUTO LOADER FOR AUTO SAW



STEEL CLOSER REINFORCING PLATES

For years aluminum door frames have been plagued by hardware screws tearing out of the aluminum tubes. With today's improved tempering of aluminum used as a cost savings, aluminum tubes are getting thinner and thinner. No longer allowing enough metal to even grab one full thread of a screw for the hardware being bolted on leaving the need for steel reinforcement in the aluminum tubes.

Greenfield Products now introduces its new line of steel reinforcing plates for hardware mounting to aluminum doors and frames.

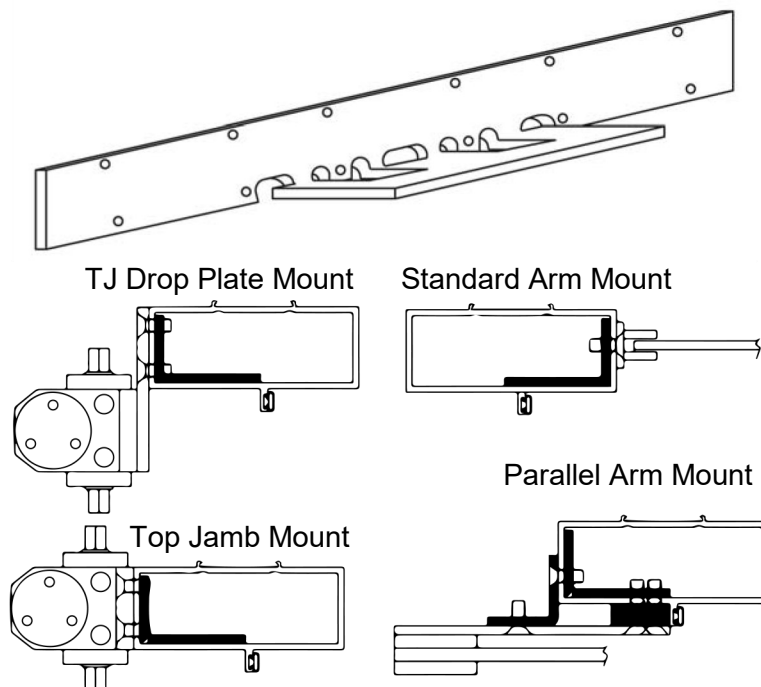
Steel header reinforcements are made of 3/16" thick steel plate CNC machined, drilled and tapped to exact specifications to mount most all door hardware on the market and to mesh with most of the manufacturer's aluminum tube profiles.

No longer have screws pulling out and hardware falling off. Do it right the first time and forget about it.

Reinforcements are made to fit most all door closers in most all aluminum door frame head conditions.

Reinforcements for strikes, panic hardware and hinging are also available.

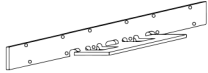
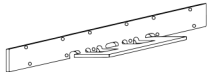
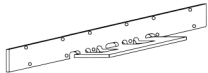
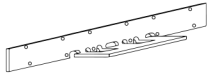
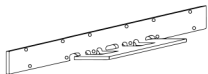
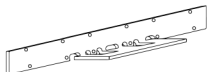
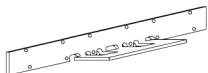



GREENFIELD PRODUCTS 8400 SERIES REINFORCING PLATE



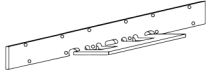
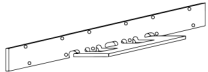

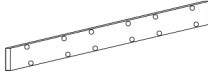
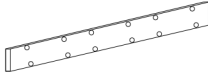
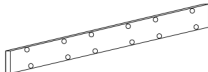
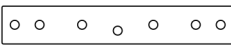
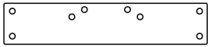
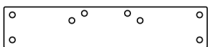
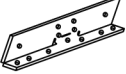
One plate can accommodate up to 4 different mounting positions



PARTS

Part Number	Image	Description	List Price
8420/A/M/S		Norton Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8414/A/M/S		1460 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8440/A/M/S		4040 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8452/A/M/S		Hager 5200 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8430/A/M/S		Corbin 3000 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8435/A/M/S		STANLEY 3550 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8451/A/M/S		Sargent 351 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8475/A/M/S		Norton 7500 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8474/A/M/S		Dorma 7400 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8489/A/M/S		Dorma 8900 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44

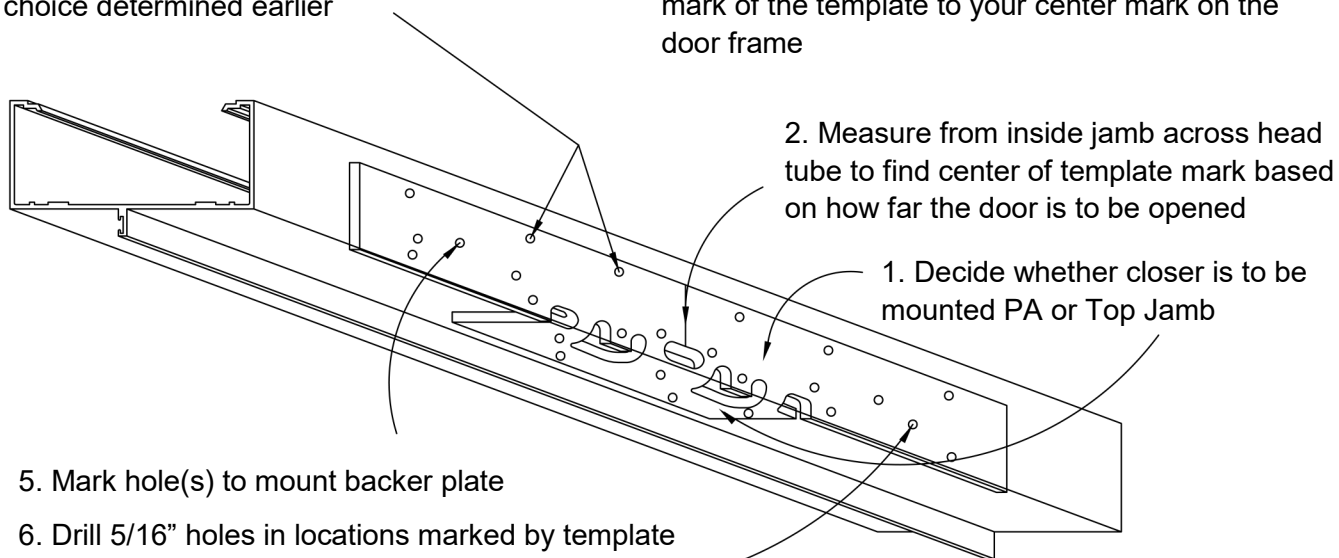
PARTS

Part Number	Image	Description	List Price
8443/A/M/S		LCN 4031 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8480/A/M/S		Corbin 8000 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
8428/A/M/S		Sargent 281 Type (A) standard mounting locations 4 1/2" smooth head (M) Pocket tube (S) for screw spline	\$54.44
T1421A		1460 Type standard mounting locations TJ and S only	\$25.67
T4021M		4040 Type standard mounting locations TJ and S only	\$25.67
T2021A		Norton Type standard mounting locations TJ and S only	\$25.67
S2011M		PA mounting 4 1/2" pocket tube use with 84NOP drop block	\$21.05
S4011I		4040 PA ARM mounting only	\$21.05
S2011I		Norton Type PA ARM mounting only	\$21.05
84UNP		Universal PA mount Fits in most tubes then just add the proper attachment to fit your closer	\$47.17

CLOSER REINFORCING PLATES INSTALL INSTRUCTIONS

4. Mark holes that coincide with mounting choice determined earlier

3. Place template on head tube aligning the center mark of the template to your center mark on the door frame



2. Measure from inside jamb across head tube to find center of template mark based on how far the door is to be opened

1. Decide whether closer is to be mounted PA or Top Jamb

5. Mark hole(s) to mount backer plate

6. Drill 5/16" holes in locations marked by template

7. Countersink only hole(s) to mount reinforcing plate

8. Secure backer plate with supplied hardware

9. Attach closer parts to backer plate through holes in head tube



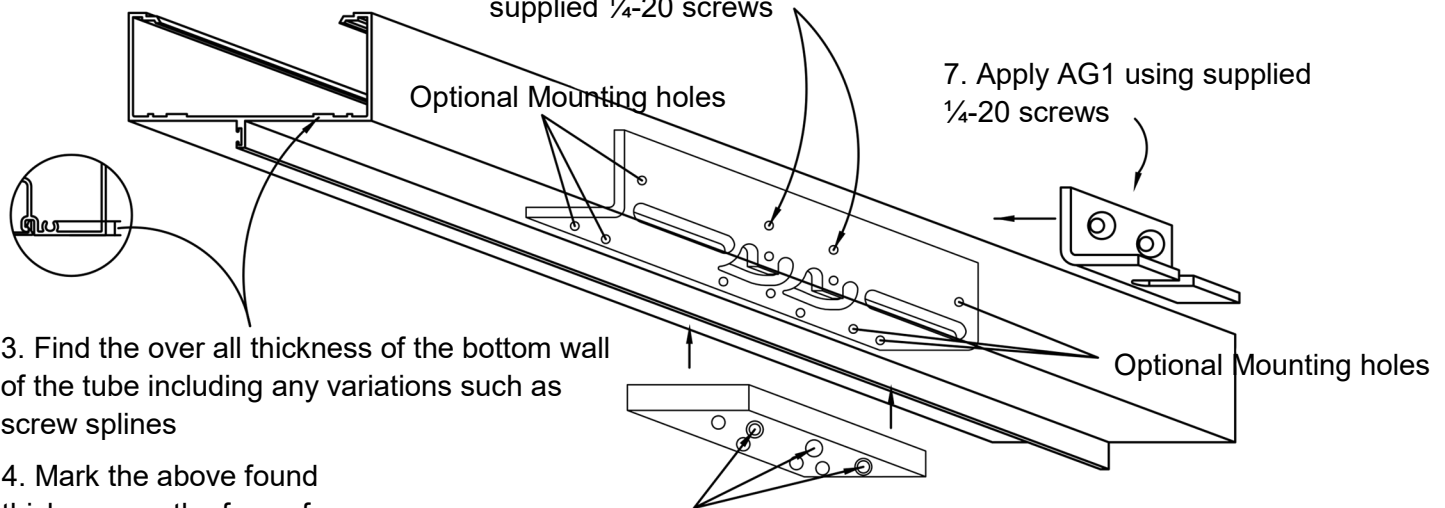
CLOSER REINFORCING PLATES INSTALL INSTRUCTIONS

84 UNP CLOSER REINFORCEMENT PLATE

5. Drill 2 holes with a 5/16" drill bit.

6. Mount drop block and reinforcing plate using supplied 1/4-20 screws

7. Apply AG1 using supplied 1/4-20 screws



3. Find the over all thickness of the bottom wall of the tube including any variations such as screw splines

4. Mark the above found thickness on the face of the tube, lining the bottom of the reinforcing plate up to the line and centering it with drop block. Use plate holes as a template to mark for drill holes

1. Find center of drop block on tube, use drop block to mark drilling locations

2. Drill 3 holes with 5/16" drill bit



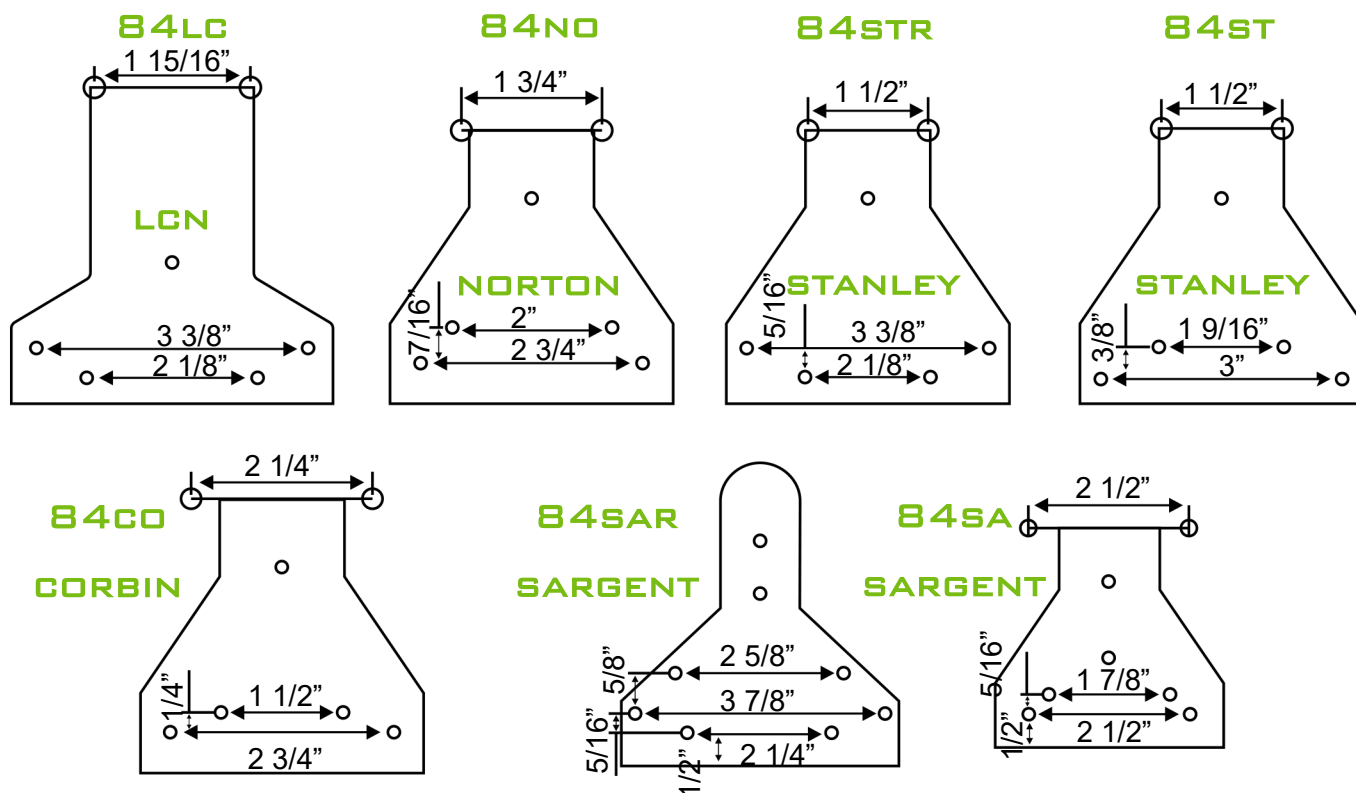
CLOSER REINFORCEMENTS

Door Closers Manufacturers	Model	PA Mount	Arm	Closer Spread	Reinforcing Plate	Notes	
Global	204	84NO	1.75	9.063 x .75	84UNI/8420		
	205	84NO	1.75	9.063 x .75	84UNI/8420		
Hager	5400	84NO	1.75	9.063 x .75	84UNI/8420	Needs Block	PA Only
	5300	84NO	1.75	9.063 x .75	84UNI/8420		
Design Hardware	116	84NO	1.75	9.063 x .75	84UNI/8420		
Norton	1600	84NO	1.75	9.063 x .75	84UNI/8420		
	7700	84NO	1.75	9.063 x .75	84UNI/8420	Needs Block	PA Only
	930BC	84NO	1.75	9.063 x .75	84UNI/8420		
Dorma	7300	84NO	1.75	9.063 x .75	84UNI/8420		
LCN	1261	84NO	1.75	9.063 x .75	84UNI/8420	Needs Block	
Stanley	D-1650	84ST	1.5	9.063 x .75	84UNI/8420	Needs Block	PA Only
Sargent	1130	84NO	1.75	9.063 x .75	84UNI/8420		
Hager	5100	84LC	2.125	5 x 2.25	84UNI/8440		
Dorma	8600	84LC	2.125	12 x .75	84UNI/8440		
LCN	4010	84LC	2.125	6 x 2.5	84UNI/8440		
	4020	84LC	2.125	6 x 2.5	84UNI/8440		
	4040	84LC	2.125	5 x 2.25	84UNI/8440		
	4041	84LC	2.125	5 x 2.25	84UNI/8440		
	4110	84LC	2.125	6 x 2.5	84UNI/8440		
Hager	5200	84NO	1.75	12 x .75	84UNI/8452		
Norton	8000	84NO	1.75	12 x .75	84UNI/8452		
Sargent	1331	84SA	1.875	12 x .75	84UNI/8452	Needs Block	PA Only
Norton	2800	N/A		11.125 x 1		Track Only	
Stanley	D-3510	84ST	1.75	11.125 x 1	84UNI/8435	Needs Block	PA Only
Sargent	1430	84SAR	2	11.125 x 1	84UNI/8414	Needs Block	PA Only
	421			11.125 x 1		Track	
Corbin	DC3000	84CO	2.25	4.313 x 1	84UNI/8430		
	DC6000	84CO	2.25	4.313 x 1	84UNI/8430		
Sargent	451	84SAR/84SA	2.5	9 x 2.5	84UNI/8451		
Norton	7500	84NO	1.75	6.75 x 2.375	84UNI/8475		
Dorma	7400	84NO	1.75	10.25 x .75	84UNI/8474		
Dorma	8900	84NO	1.75	5 x 2.125	84UNI/8489		PA Only
LCN	1460	84LC	2.125	7.5 x 1	84UNI/8414		
	4031	84LC	2.125	6.28	84UNI/8443		
Corbin	DC8000	84CO	2.25	10 x 1	84UNI/8480		
Sargent	281	84SAR/84SA	2.5	10.375 x 1	84UNI/8428		
Norton	1700	84ST		8 x .75	84UNI	RES	PA Only
	5700	N/A				Track	ELEC

PA MOUNT CROSS REFERANCE CHART

Type	Brand	Model
84LC	LCN	1460
	LCN	4040
	Dorma	8600
	Hager	5100
	LCN	1261
84NO	Hager	5906-5200-5300
	Global	204-205
	Design Hardware	116
84ST	Norton	1600/7500/7700/8000/930BC
	Dorma	7300/7400/8900
	Sargent	1130
84ST	Stanley	D-1650/D-1651
	Stanley	D-3550/D-3551
84CO	Corbin	DC3000/DC6000/DC8000
84SA	Sargent	1430/351/281
84SAR	Sargent	1331

Closer Reinforcements



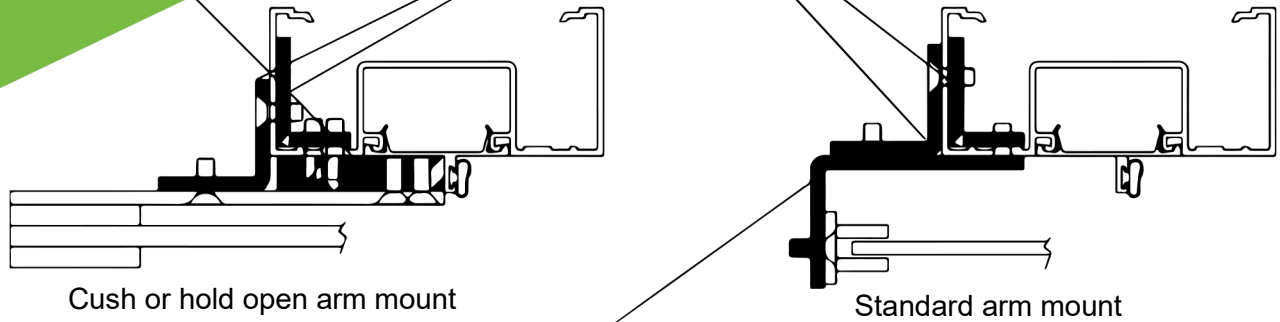
84UNP

INTRODUCING THE NEW (84UNP) REINFORCEMENT PLATE

This plate is especially designed to make any PA mount work with almost all tubes.

Full length 1/2 drop block (84LCP2)

(84UNP) Reinforcement with angle bracket



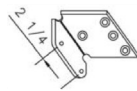
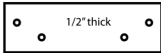
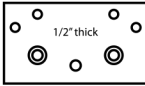

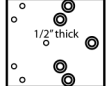
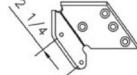
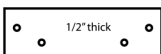
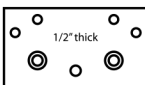
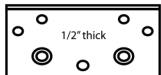
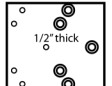
Alternate 1/2 drop angle bracket (84LCBR)

Closer Reinforcements

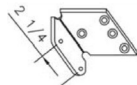
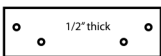
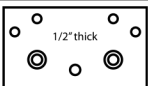
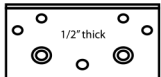
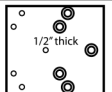
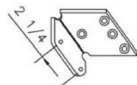
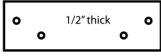
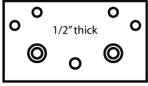
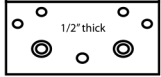
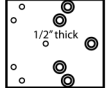
Part Number	Image	Description	List Price
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84UNP		Universal PA mount Fits in most tubes then just add the proper attachment to fit your closer	\$47.17
84LCBR		LCN PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84LCP1		LCN type PA 1/2" drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84LCP2		LCN Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84LCP3		Weathered LCN Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header Comes in AL/DU/BL colors	\$43.34
84LCP4		Weathered LCN Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header Comes in AL/DU/BL colors	\$54.15

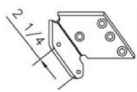

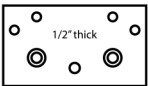
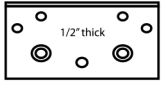

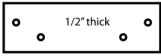
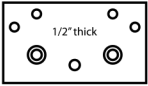
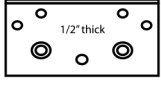


PARTS

Part Number	Image	Description	List Price
84COBR		Corbin PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84COP1		Corbin type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84COP2		Corbin Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84COP3		Weathered Corbin Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84COP4		Weathered Corbin Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15
84NOBR		Norton PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84NOP1		Norton type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84NOP2		Norton Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84NOP3		Weathered Norton Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84NOP4		Weathered Norton Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15

PARTS

Part Number	Image	Description	List Price
84STBR		Stanley PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84STP1		Stanley type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84STP2		Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84STP3		Weathered Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84STP4		Weathered Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15
84SABR		Sargent PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84SAP1		Sargent type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84SAP2		Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84SAP3		Weathered Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84SAP4		Weathered Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15

PARTS

Part Number	Image	Description	List Price
84STBR		Stanley PA arm bracket eliminates need for 1/2" block and works better with snap in stops Comes in AL/DU/BL colors	\$38.00
84STP1		Stanley type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84STP2		Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84STP3		Weathered Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84STP4		Weathered Stanley Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15
84SARP1		Sargent type PA drop block for PA arm mount Comes in AL/DU/BL colors	\$26.38
84SARP2		Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$32.23
84SARP3		Weathered Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 4 1/2" header tube Comes in AL/DU/BL colors	\$43.34
84SARP4		Weathered Sargent Type drop block for PA arm mount with 84UNP reinforcing plate in 6" header tube Comes in AL/DU/BL colors	\$54.15
AG1		Universal back up angle for most plates Comes in AL/DU/BL colors	\$31.53

8000 SERIES

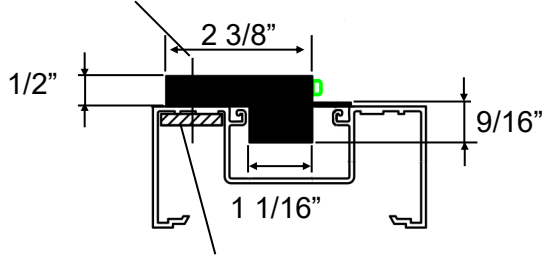
INTRODUCING GREENFIELD PRODUCTS

NEW 8000 SERIES ELECTRIC STRIKE

Made specifically for aluminum doors and frames its new slim line construction and different mounting options allows the 8000 series to fit and function where others fail. It is designed to work very well with all aluminum frame profiles and small enough to be used on both sides of a common mullion

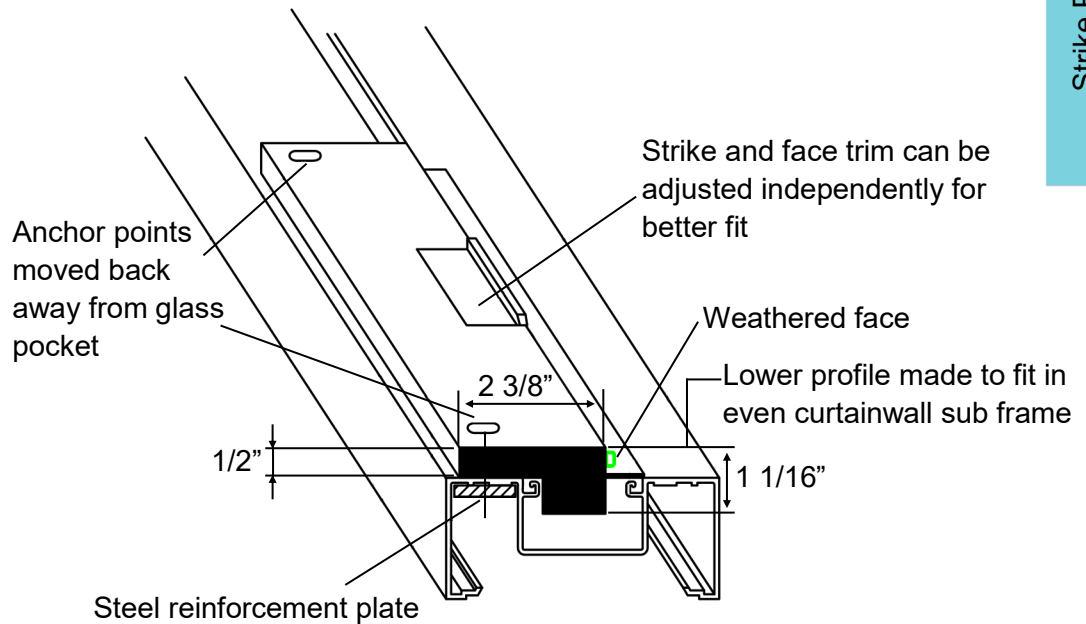


Anchor points moved back away from glass pocket




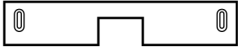
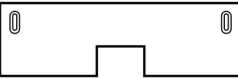
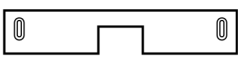

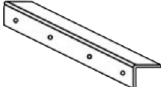
Lower profile made to fit in even curtainwall sub frame.

Steel reinforcement plate



Strike Plates

PARTS

Part Number	Image	Description	List Price
8000 Strike		8000 strike body only	\$319.00
125 Trim		1/2 "- Narrow trim cover 1 1/2" x 8" x 1/2" Comes in AL/DU/BL colors	\$51.00
225 Trim		1/2 "- WIDE trim cover 2 3/8" x 8" x 1/2" Comes in AL/DU/BL colors	\$69.90
1257 Trim		3/4 "- Narrow trim cover 1 1/2" x 8" x 3/4" Comes in AL/DU/BL colors	\$54.00
2257 Trim		3/4 "- WIDE trim cover 2 3/8" x 8" x 3/4" Comes in AL/DU/BL colors	\$71.90
6FL1		Pocket filler for installation in 1" glazing tube	Coming Soon

STRIKES

STRIKES FOR RIM PANICS MADE SPECIFICALLY TO WORK PROPERLY WITH ALUMINUM DOORS AND FRAMES

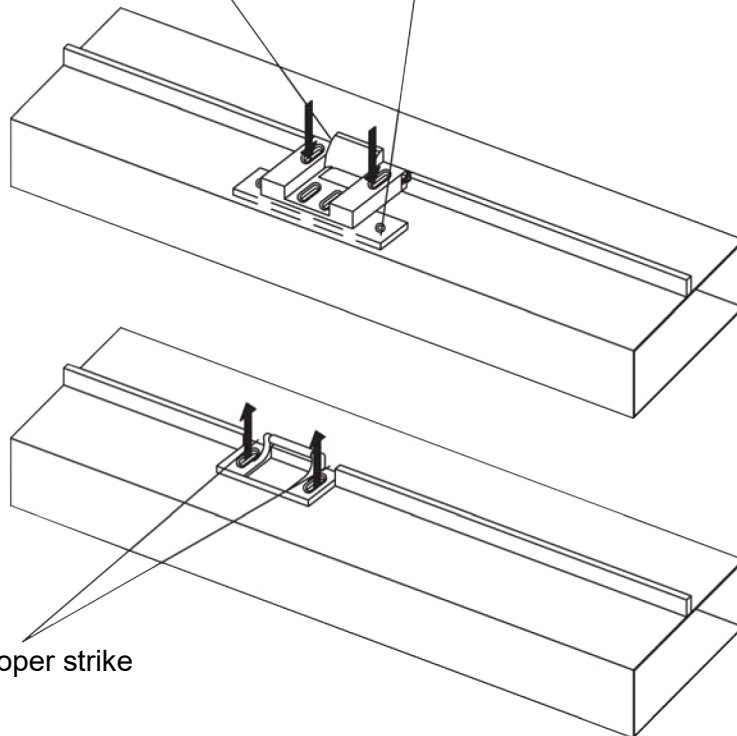


VD75W WEATHER STRIKE

THE VD75W 3/4" WEATHER STRIPPED STRIKE IS MADE TO REPLACE THE FACTORY SUPPLIED STRIKE ON A VD RIM PANIC

New weather stripped strike installed in old location

3/16" zinc plated steel backup plate



Holes left by improper strike

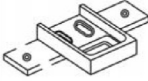

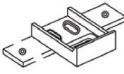

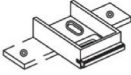



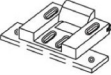


Also comes in 1/2" tall

Strike Plates

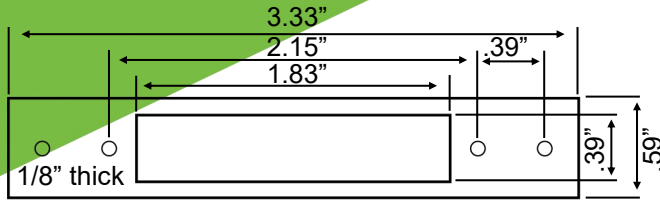


PARTS

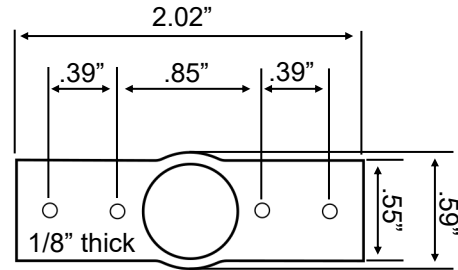
Part Number	Image	Description	List Price
GS50		2" X 2 1/4" X 1/2" strike with backup plate Comes in AL/DU/BL colors	\$80.10
GS50W		2" X 2 1/4" X 1/2" Weathered strike with backup plate Comes in AL/DU/BL colors	\$80.10
GS75		2" X 2 1/4" X 3/4" strike with backup plate Comes in AL/DU/BL colors	\$80.10
GS75W		2" X 2 1/4" X 3/4" Weathered strike with backup plate Comes in AL/DU/BL colors	\$80.10
GS75TW		2" X 2 1/4" X FULL 3/4" Weathered strike with backup plate Comes in AL/DU/BL colors	\$80.10
VD50		2" X 2 7/8" X 1/2" strike with backup plate fits old VD strike location Comes in AL/DU/BL colors	\$80.10
VD50W		2" X 2 7/8" X 1/2" Weathered strike with backup plate fits old VD strike location Comes in AL/DU/BL colors	\$80.10
VD75		2" X 2 7/8" X 3/4" strike with backup plate fits old VD strike location Comes in AL/DU/BL colors	\$80.10
VD75W		2" X 2 7/8" X 3/4" Weathered strike with backup plate fits old VD strike location Comes in AL/DU/BL color	\$80.10

STEEL REINFORCING PLATE

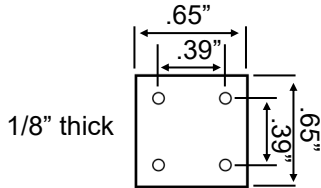
Steel reinforcing plate to fit standard ANSI strike plate.



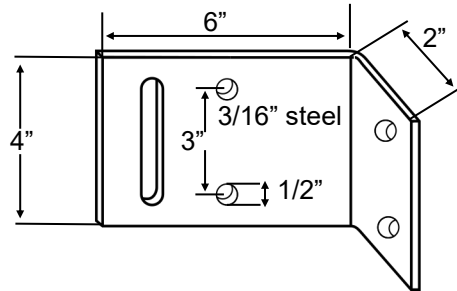
Steel reinforcing plate to fit standard ANSI plunger in door.



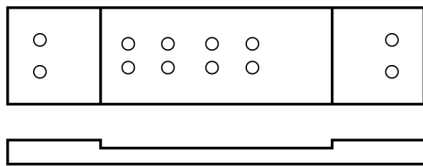
Steel mounting plate for VD EL power transfer.



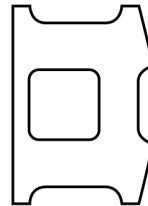
Custom and standard wind load clips.



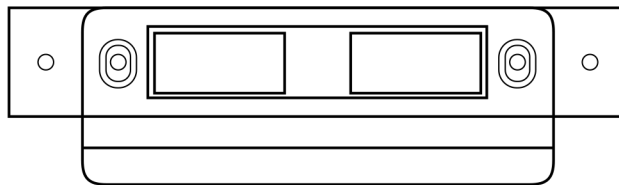
Mounting plate for Glen Johnson over head stop arm



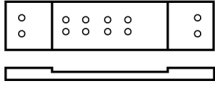
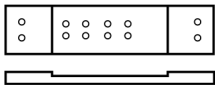
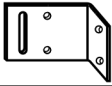



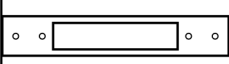



Metal flush bolt guide to replace plastic guides



Over sized strike plate with larger strike holes for Latch lock

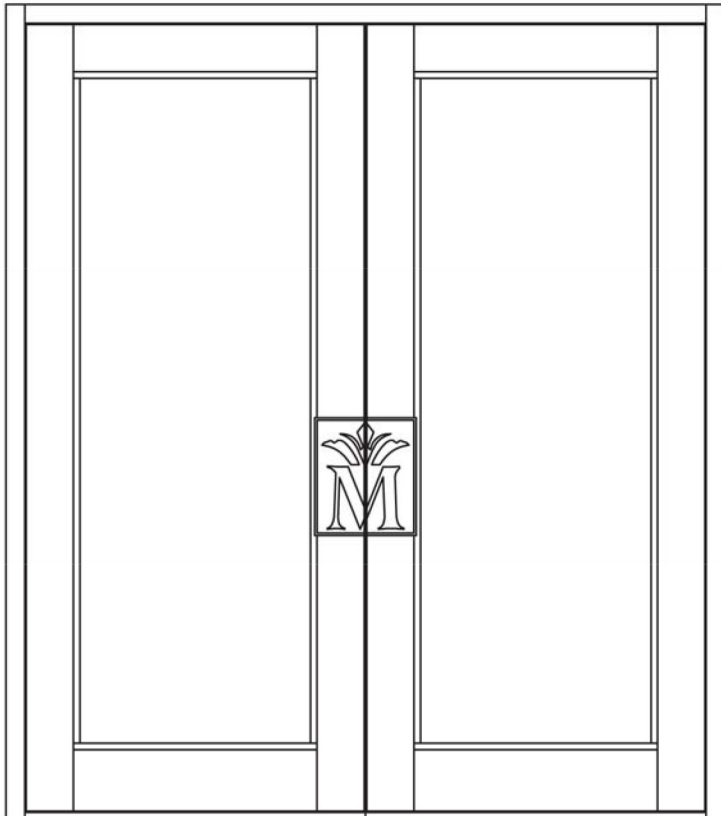


PARTS

Part Number	Image	Description	List Price
MGJA		Mounting plate for Glen Johnson over head stop arm	\$44.21
MROA		Mounting plate for Rixson over head stop arm	\$44.21
Wind		Standard Wind load clips (each) Comes in AL/DU/BL colors	\$53.73
GPG1		Metal flush bolt guide to replace plastic guides common on Jackson panics	\$14.80
GPLSP		Over sized strike plate with larger strike holes for Latch lock	Coming Soon
GPDP		Steel reinforcing plate to fit standard ANSI plunger in door	\$48.93
GPAN1		Steel reinforcement plate to fit standard ANSI strike	\$49.19
GPELP		Steel mounting plate for VD EL power transfer 2 per set	\$23.17
GPHEs		Steel Reinforcement for HES 9600 Electric Strike	\$32.00
HESCW		Larger cover for HES strike made 2 1/4" wide with mounting holes moved back to make it passable to mount strike on a pocket tub	Call

DOOR PUSH AND PULLS

CUSTOM DESIGN MANUFACTURED AND INSTALLED DOOR
PUSH AND PULLS



MYSTIQUE
CASINO



- Solid brass construction.
- ADA compliant.

Give us a call and let our experts design your new handles.



8000 SERIES INSTALLATION

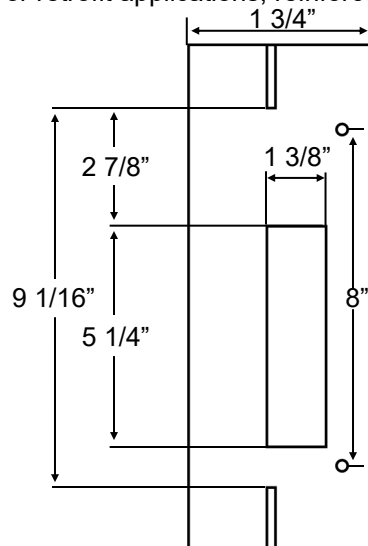
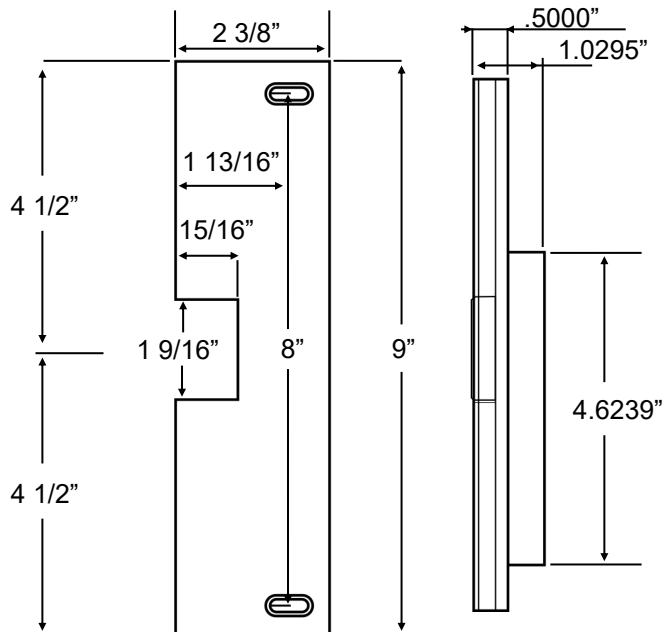
INSTALLATION INSTRUCTIONS PLEASE READ
CAREFULLY BEFORE ATTEMPTING INSTALLATION

Installation Instructions

- Prepare door jamb using the installation template, located on page 2
- Connect wires coming from the low voltage power source to the electric strike.
- Make sure the mounting surface is smooth and square.
- Align and attach electric strike to jamb, using ¼ x 20 cap screws.

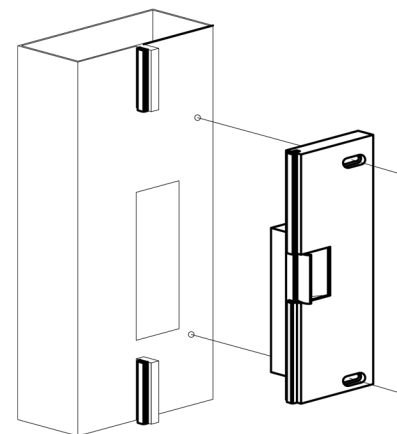
NOTES:

- The electric strike is factory supplied as a 12 Volt DC Unit.
- The electric strike is factory figured as fail secure.
- Before supplying power to electric strike, verify source voltage and current limits are within "ELECTRICAL RATINGS FOR SOLENOID"
- Application on door frames only
- For retrofit applications, reinforcement plate must be used.



Function

- A semi-mortised strike for rim exit devices having a ½" profile.
- Provides electrical remote control allowing door to open without actuation of the exit device.
- This non-handed strike features an ultra-compact design and a stainless steel jaw with over 2400 lbs. of holding force. The strike releases electrically with up to 35 lbs. of door "preload" (pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes). Single solenoid operates on 12, or 24 volt AC/DC power



- CAUTION!** Before connecting any device at the installation site, verify input voltage and current using a multimeter. Many power supplies and transformers operate at higher levels than listed. Any input voltage exceeding 5% of the solenoid rating may cause severe damage to the unit and will void the warranty.
- Field Reversible: Fail secure—Fail safe

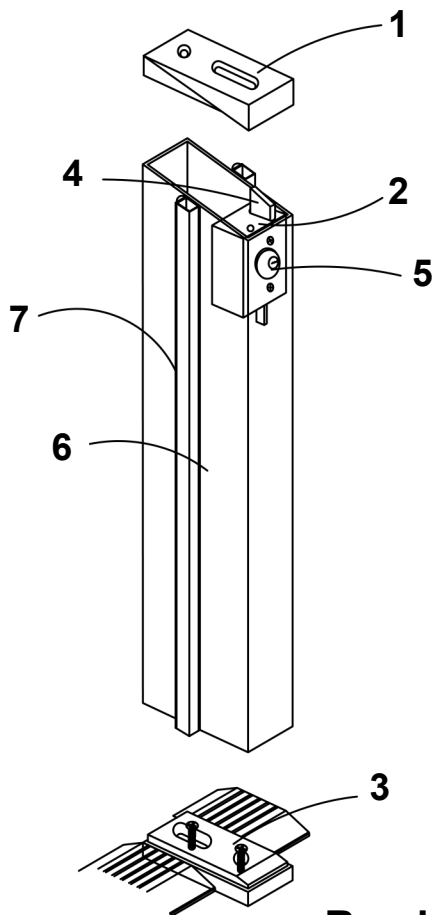
- Remove the 4, 2-56 flathead screws on the back of the electric strike. Reverse slider, Reinstall screws.
- Remove UL 10C label for fail safe configuration.



INSTALLATION INSTRUCTIONS

284s ALUMINUM DOOR KEYED REMOVABLE MULLION FOR 1 3/4" DOORS

Standard Mullion Dimension 2" x 4 1/2"
Opening Dimension 84"



1. Top mount latch plate
2. Lock Mechanism
3. Base Plate
4. Strike
5. Standard long body Mortise Cylinder with C-4 tang (NOT INCLUDED)
6. Mullion tube
7. Screw applied Weather stripping

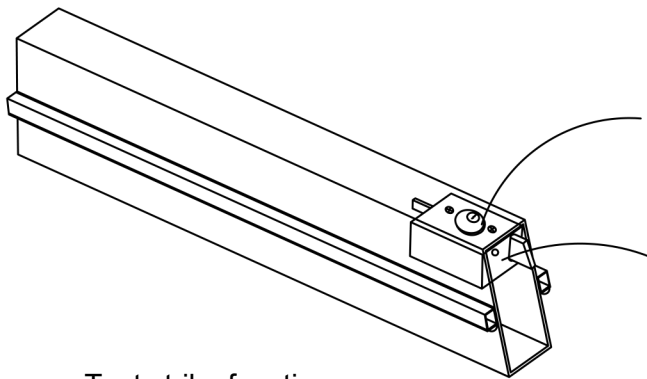
**Read all instructions and warnings
before starting installation!**

PATENT IS PENDING



These installation instructions present a step-by-step sequence for installation. Please read them carefully before beginning installation.

STEP 1 CYLINDER INSTALLATION

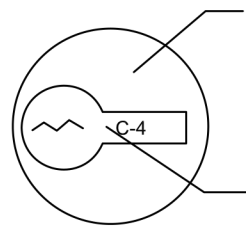
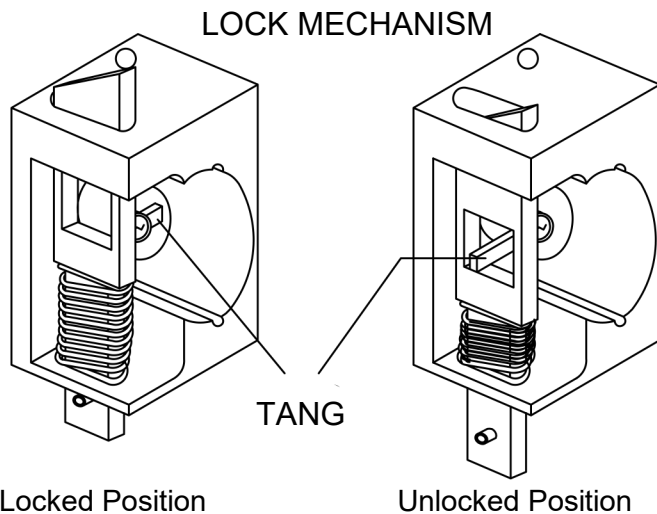


Thread the cylinder into the Lock with keyway centered on strike side of tube. Cylinder must be oriented as shown.

When cylinder is in position tighten set screw to secure the cylinder.

Test strike function
Turning the key counter clock wise
The strike should retract

The key should only turn approximately 1/2 of a turn to function. If it turns further, check cylinder position and or cylinder tang.



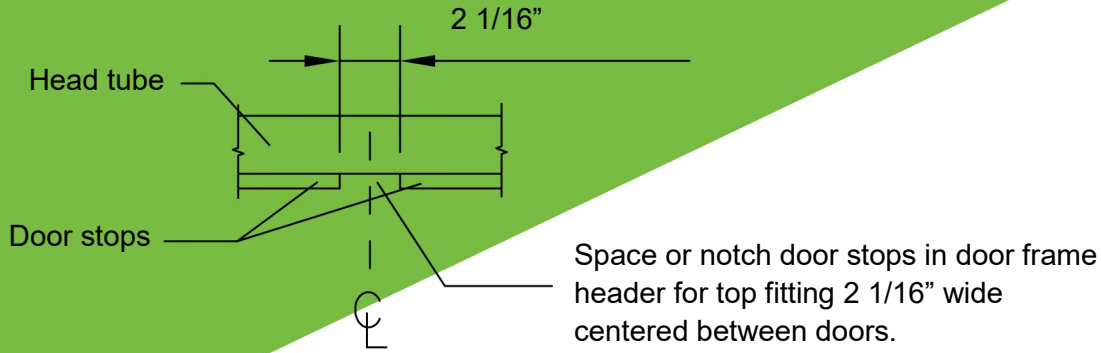
Back of lock cylinder

TANG

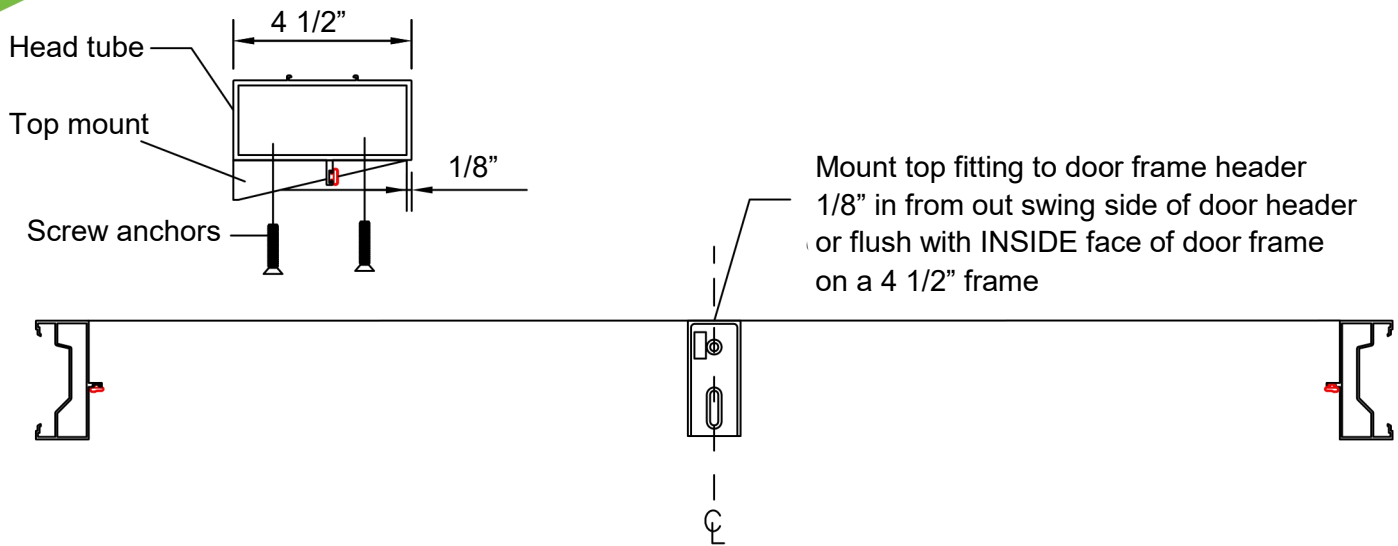
Locked Position

Unlocked Position

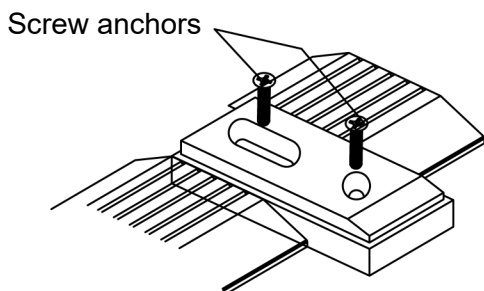
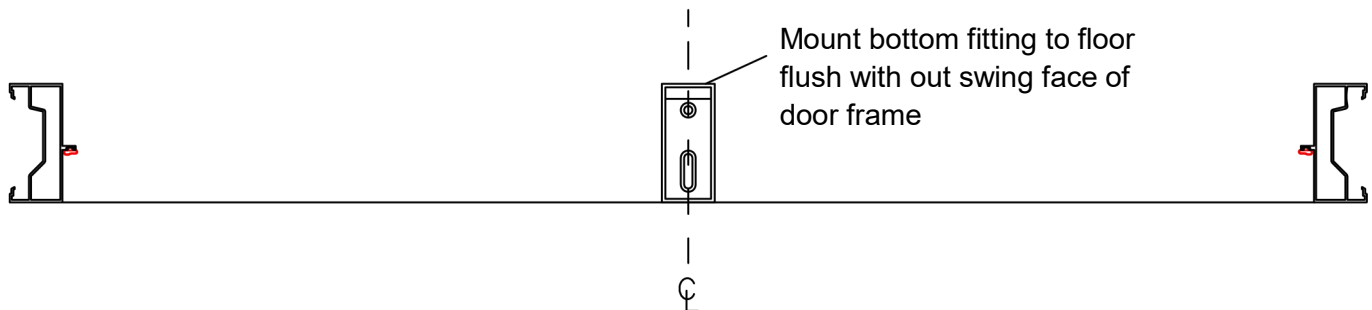
STEP 2 HEADER PREP



STEP 3 TOP FITTING MOUNT



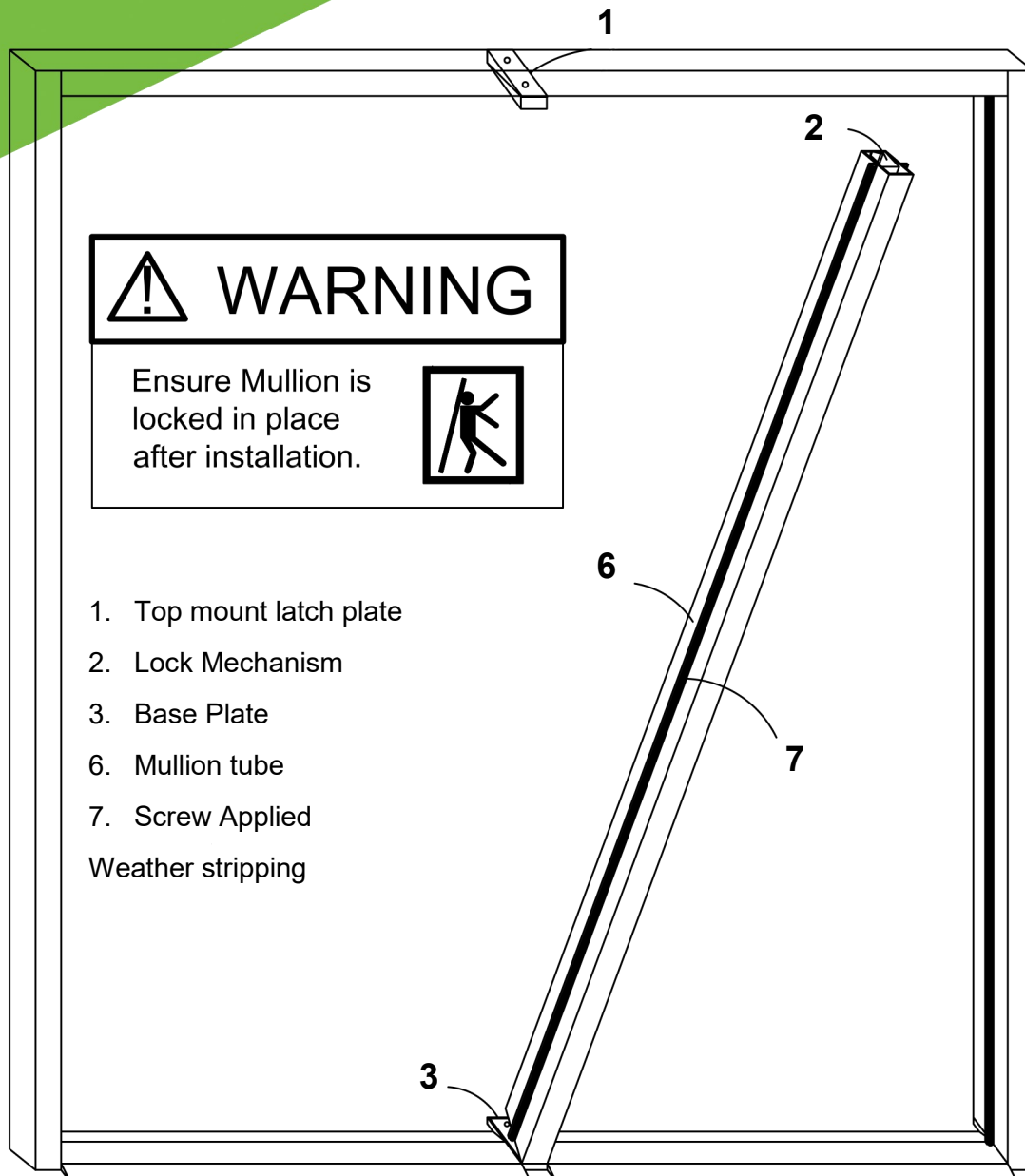
STEP 4 BOTTOM FITTING MOUNT



Dimension from ground to under side of header to be 84" if it is more than this shim bottom mount accordingly

STEP 5 MULLION INSTALLATION

From the OUTSIDE place the tube on the BOTTOM MOUNT with the lock cylinder facing in and turn the key so as to lower the strike. Snap the tube into the TOP MOUNT and release the key. Ensure the mullion is locked into place wiggling it.

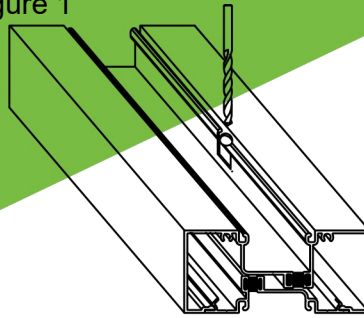


NOTE: If the opening is smaller than 84" cut bottom of tube only by subtracting the new size of opening height from 84"

Example: Opening height of 83 1/2" ($84" - 83\ 1/2" = 1/2"$)
cut 1/2" from bottom of tube.

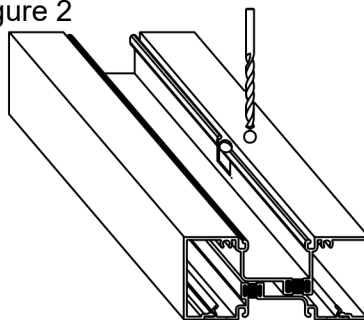
INSTALLATION INSTRUCTIONS

Figure 1



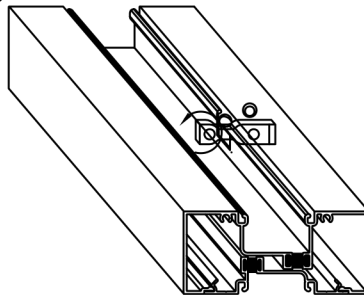
1) Drill a 5/16" hole through the rubber channel creating a notch in the sidewall of the glass pocket

Figure 2



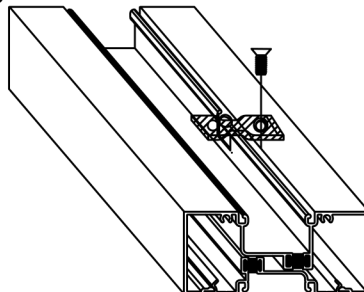
2) Drill a 1/4" hole for the anchor point of the reinforcing plate.

Figure 3



3) Countersink the anchor point and insert the reinforcing plate through the notch in the wall.

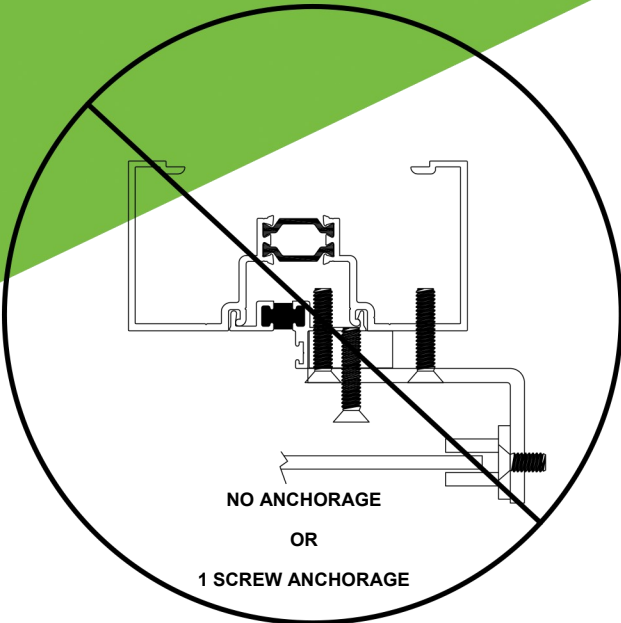
Figure 4



4) Turn reinforcing plate 90 degree to lay flat and anchor with the supplied 1/4-20 screw

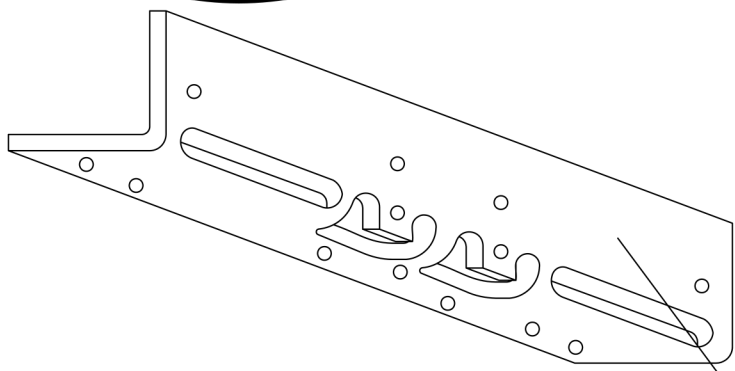


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 Dubuque, Iowa 52003
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The new high performance storefront systems are fantastic new products but securely fastening door hardware to them designed for a steel door has become something of a problem industry wide.

Greenfield Products has the solution with their reinforcing plates and larger drop blocks.



Relocating and reinforcing hardware mounting points to accommodate aluminum profiles is easy.

High performance products need high performance solutions.

