

COMMERCIAL DOOR HARDWARE



FORGET THE REST



NARROW STILE PANIC EXIT DEVICES

RIM TYPE

SF - EDNS narrow stile "RIM type" style exit devices are suitable for all doors (aluminum, hollow metal, or wood) where there is no projection on the face. Manufactured of extruded anodized aluminum, the SF - EDNS is durable enough for the most demanding applications.



Grade- ANSI A156.3 Grade 1

SF - EDNS

Specifications

- Narrow stile.
- Underwriters' laboratories inc. listed – panic hardware.
- Requires a 2" mounting surface for typical use with narrow, medium and wide stile aluminum doors, hollow metal or wood doors.
- **HANDING** : Non-handed, for LH or RH doors.
- Latch bolt throws 5/8".
- **DOGGING** : Dogging by hex key in touch bar.
- Outside unlatching with standard rim cylinder.
- **DOOR WIDTH** : Standard units for 36" and 48" door widths (can be field sized).
- Can be used on 30" wide doors.
- **FINISHES** : Aluminum and duronotic.

EXIT DEVICE TRIMS



Rim cylinder
TH1100-RC



Pull Handle
TH1 100-STED-PULL-AL
TH1 100-STED-PULL-DU

CONCEALED VERTICAL ROD TYPE

SF - CVRNS narrow stile "RIM type" style exit devices are suitable for all doors (aluminum, hollow metal, or wood) where there is no projection on the face. Manufactured of extruded anodized aluminum, the SF - CVRNS is durable enough for the most demanding applications.



Grade- ANSI A156.3 Grade 1

SF - CVRNS

Specifications

- Narrow stile.
- Underwriters' laboratories inc. listed – panic hardware.
- For use with narrow, medium and wide stile aluminum doors.
- **HANDING** : Non - handed, Field reversible for LH or RH doors.
- **DOGGING** : Dogging by hex key in touch bar.
- Top steel toggle latch and bottom steel rod latch bolt
- Unit uses standard mortise cylinder with MS type cam and TH 1100 - BC cylinder
- Mounting pad
- **DOOR WIDTH** : Standard units for 36" and 48" door widths (can be field sized) and up to 84" in height.
- Can be used on 30" wide doors.
- **FINISHES** : Aluminum and duronotic.

EXIT DEVICE TRIMS



Mortise Cylinder
TH110 0-BC



Cylinder
Mounting Pad
w/ Locking Ring



Pull Handle
TH1100-STED-PULL-AL
TH1100-STED-PULL-DU

NARROW STILE EXIT DEVICES

NARROW STILE

TH1100 - ED "crash bar" style exit devices are suitable for narrow, medium or wide stile aluminum and hollow metal doors. It is handed with a contoured cross bar that will fit doors up to 42" wide and can be field sized to accommodate narrow doors.

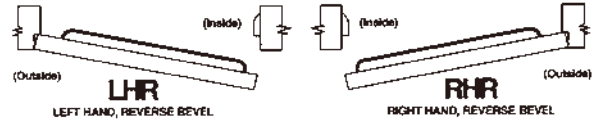
TH1100-ED

Specifications

- **MATERIAL** : Contoured anodized aluminum cross bar, stainless steel springs
- **LATCH CASE** : 1 1/4" wide x 7 1/4" long with 1/2" stainless throw
- **BACKSET** : 1 5/32" from edge of door to center line of device
- **STRIKE** : Rim mounted roller strike with shim
- **STILE** : 1 7/8" minimum
- **HANDING** : Handed, please specify RH or LH
- **DOOR THICKNESS** : 1 3/4" standard
- **DOOR WIDTH** : Up to 42", it can be field sized
- **MOUNTING HEIGHT** : Recommended installation at 39 13/32" from floor to center line of latch or strike assemblies
- **FASTENERS** : Furnished with sheet metal, machine screws and shoulder mounting studs with set screws
- **CYLINDER** : Accepts rim cylinder only
- **DOGGING** : Inside - push up dog pin rotate with screwdriver, Outside - by key cylinder
- **FINISHES** : Aluminum and duronotic



Grade - ANSI A156.3 Grade 2
Warranty -10 years



- * For Left Hand Reverse Door; order RH device
- * For Right Hand Reverse Door; order LH device

EXIT DEVICE TRIMS



Rim cylinder
TH1100-RC



Pull Trim
w/ cyl. hole
TH1100-PLED



Dummy Pull Trim
TH1100-PLDUM



Exit Only Plate
TH1100-PLEO

- * For exit only application and outside control by rim cylinder
- * For new door application or existing hole less than 1 3/16"

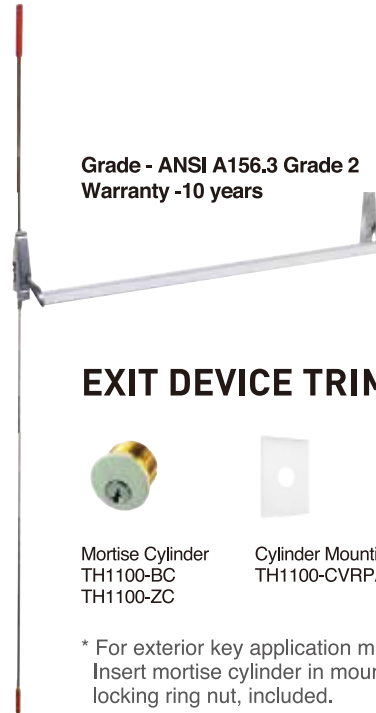
CONCEALED VERTICAL ROD

TH1100 - CVR panic devices blend the utility of a vertical rod application with the appearance of a traditional panic device. It is non-handed and reversible with a contoured cross bar that will fit doors up to 42" wide and can be field sized to accommodate narrow doors.

TH1100-CVR

Specifications

- **MATERIAL** : Contoured anodized aluminum cross bar, stainless steel springs
- **LATCH CASE** : 1 1/4" wide x 7 1/4" long
- **DOOR HEIGHT** : 7' standard
- **BACKSET** : Center template on narrow door stile
- **STRIKE** : Top - flat mortise, Bottom - flat mortise or directly through threshold
- **PROJECTION** : 4 3/4"
- **STILE** : 1 7/8" minimum
- **HANDING** : Reversible, non-handed
- **DOOR THICKNESS** : 1 3/4" standard
- **DOOR WIDTH** : Up to 42"
- **MOUNTING HEIGHT** : 35 11/16" from floor to center line of the bottom latch case mounting stud
- **FASTENERS** : Furnished with sheet metal, machine screws and shoulder mounting studs with set screws
- **CYLINDER** : Accepts mortise type
- **DOGGING** : Inside - push up dog pin and rotate with screwdriver, Outside - by key cylinder
- **FINISHES** : Aluminum and duronotic



Grade - ANSI A156.3 Grade 2
Warranty -10 years

EXIT DEVICE TRIMS



Mortise Cylinder
TH1100-BC
TH1100-ZC



Cylinder Mounting Trim
TH1100-CVRPAD

- * For exterior key application must order TH1100-CVRPAD. Insert mortise cylinder in mounting trim and secure with locking ring nut, included.

ADDITIONAL ACCESSORIES



Manual Surface Bolt
TH1100-SB1-US26D

TOUCH BAR EXIT DEVICES

TOUCH BAR

TH1100EDTBAR "touch bar" style exit devices are suitable for all doors (aluminum, hollow metal, or wood) where there is no projection on the face. Manufactured of extruded anodized aluminum, the TH1100EDTBAR is durable enough for the most demanding applications. A rim cylinder is not included, and the EDTBAR can also be used in conjunction with any of the exit device trims listed below.

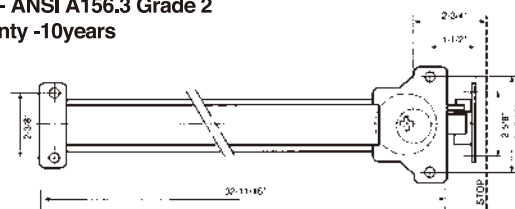
TH1100EDTBAR

Specifications

- **MATERIAL** : Extruded anodized aluminum push bar, stainless steel springs
- **LATCH** : Stainless Steel, 3/4" throw - 5/8" deadlatch
- **BACKSET** : 2 3/4" Covers 161 prep, includes latch & strike filler plates
- **STRIKE** : Surface mounted for 5/8" stop with shim
- **PROJECTION** : 2 1/2" - 17/8" dogged
- **STILE** : 4 1/4" minimum
- **HANDING** : Reversible, non-handed
- **DOOR THICKNESS** : 1 3/4" standard
- **DOOR WIDTH** : 36", can be field sized to 30" (48" available)
- **MOUNTING HEIGHT** : Recommended installation at 41" from finished floor to center line of push rail
- **FASTENERS** : Furnished with sheet metal and machine screws
- **CYLINDER** : Accepts all key trims cylinder
- **DOGGING** : 1/2 turn hex key
- **FIRE RATED** : Available - please specify
- **FINISHES** : Aluminum, duronotic, and stainless steel



Grade - ANSI A156.3 Grade 2
Warranty - 10 years



EXIT DEVICE TRIMS



Grade - ANSI A156.3 Grade 2
Warranty - 10 years

EXIT DEVICE TRIMS



*TH1100-TPED entry trim accepts mortise cylinder, included

**To install cylinder on trim plate for 2 1/8" hole use mounting sleeve

SURFACE VERTICAL ROD

TH1100EDSV surface vertical rod panic device is the perfect choice for double doors without mullions. Reversible for right or left hand doors, they are ideal for new construction or renovations. Our EDSV panics can be used in conjunction with any of our exit device trims listed below.



TH1100EDSV

Specifications

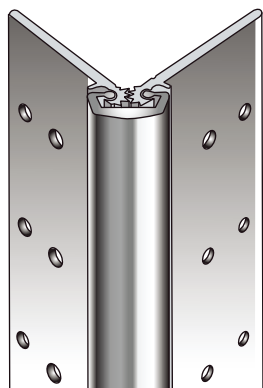
- **MATERIAL** : Extruded anodized aluminum push bar, stainless steel springs
- **LATCH** : Top pullman type, Bottom bolt assembly
- **DOOR HEIGHT** : 7' standard
- **BACKSET** : 2 3/4" on 41/2" minimum stile width - if less than 41/2" backset becomes half of the exposed stile width
- **STRIKE** : Top - surface mounted, Bottom - flat mortise or into threshold, vertical/rim application use DBLST double dr. strike
- **PROJECTION** : 2 1/2" - 17/8" dogged
- **STILE** : 4 1/2" minimum
- **HANDING** : Reversible, non-handed
- **DOOR THICKNESS** : 1 3/4" standard
- **DOOR WIDTH** : 36", can be field sized to 30"
- **MOUNTING HEIGHT** : Recommended installation at 41" from finished floor to center line of push rail.
- **FASTENERS** : Furnished with sheet metal and machine screws
- **CYLINDER** : Accepts rim, all trims Schlage "C" keyway
- **DOGGING** : 1/2 turn hex key
- **FIRE RATED** : Available - please specify
- **FINISHES** : Aluminum, Duronotic, and Stainless Steel

ALUMINUM GEARED CONTINUOUS HINGES

FULL MORTISE

Specifications

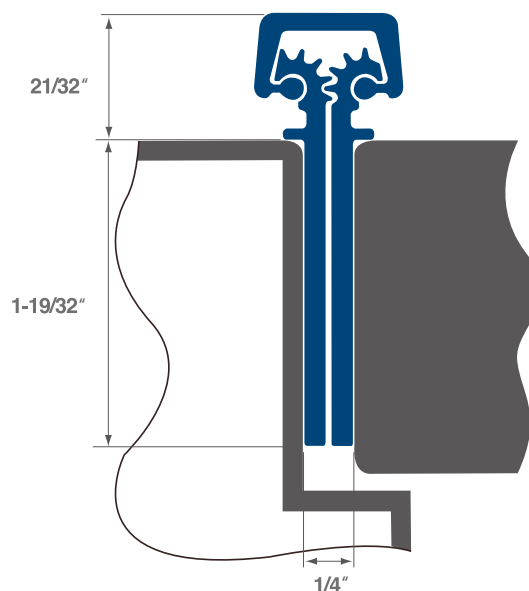
- Available in full mortise and surface mount
- 6063 T6 Aluminum alloy, with interlocking extrusions
- Non-handed design
- 83" or 95" length
- Standard duty with 16 thrust type self-lubricating concealed bearings per hinge
- Heavy duty with 32 thrust type self-lubricating concealed bearings per hinge
- High degree of security
- Anodized aluminum after machining
- Through bolt and machine screws fixing
- Templated hole patterns
- 10 year warranty



FULL MORTISE

GHMT10

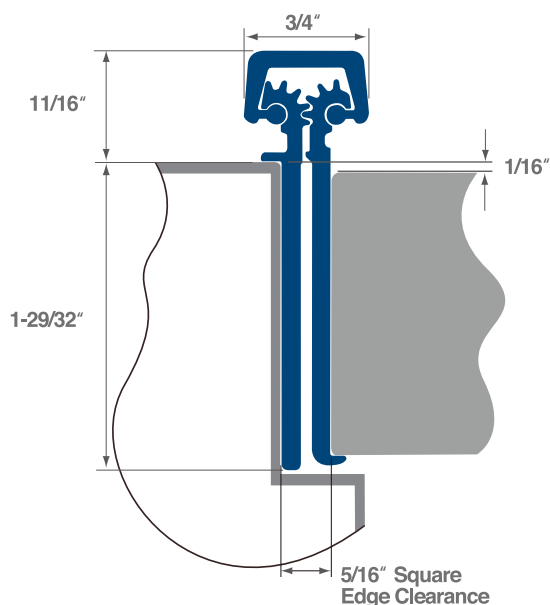
- Mortise type
- Flush mount
- Each hinge leaf has an alignment stop
- 1/4" clearance between door and frame



FULL MORTISE

GHMT24

- Mortise type
- 1/16" door offset
- Door edge guard
- 5/16" clearance between door and frame

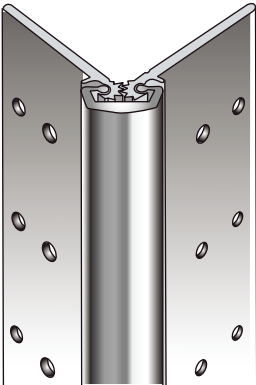


ALUMINUM GEARED CONTINUOUS HINGES

FULL SURFACE

Specifications

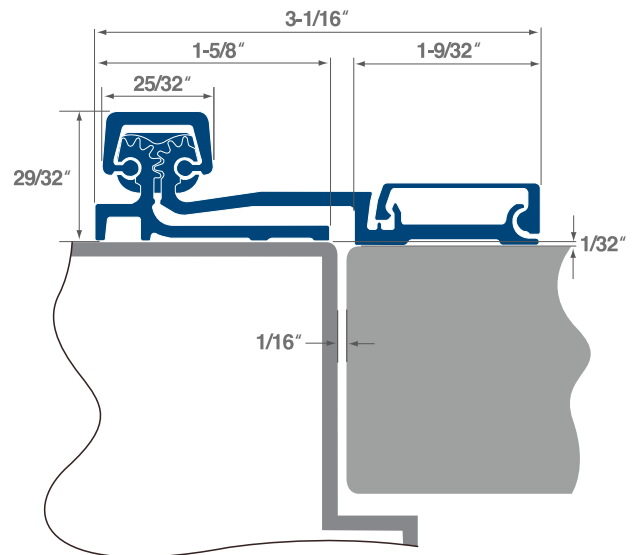
- Available in full mortise and surface mount
- 6063 T6 Aluminum alloy, with interlocking extrusions
- Non-handed design
- 83" or 95" length
- Standard duty with 16 thrust type self-lubricating concealed bearings per hinge
- Heavy duty with 32 thrust type self-lubricating concealed bearings per hinge
- High degree of security
- Anodized aluminum after machining
- Through bolt and machine screws fixing
- Templated hole patterns
- 10 year warranty



FULL SURFACE

GHFS21

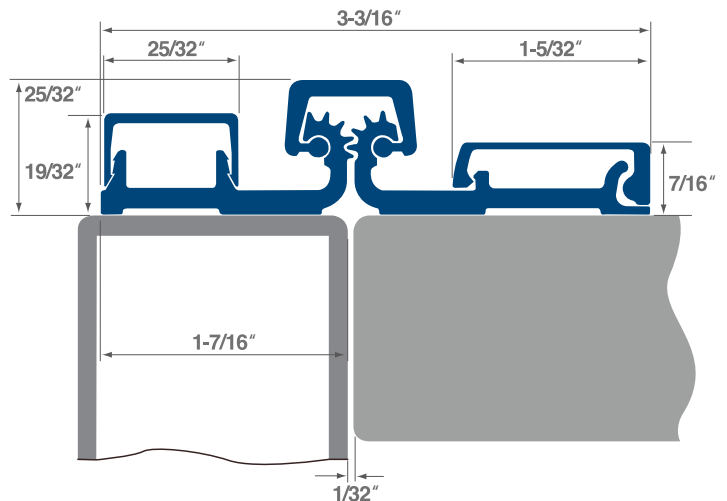
- Full surface continuous hinge
- 1/32" door panel offset
- Tamper resistant removable door leaf cover
- 1/16" clearance between door and frame



LIMITED FRAME

GHFS30

- Full surface continuous hinge
- For narrow (limited) frame applications
- Tamper resistant removable door leaf cover
- 1/32" clearance between door and frame



REFERENCE CHART

	IMPERIAL ITEM NO	ROTON	SELECT	PEMKO
STANDARD DUTY 83"	GHMT10-83SD GHFS21-83SD GHMT24-83SD GHFS30-83SD	780-112 780-210 780-224 780-157	SL11 SL21 SL24 SL57	FMSLF FS FM FSCP
HEAVY DUTY 83"	GHMT10-83HD GHFS21-83HD GHMT24-83HD GHFS30-83HD	780-112HD 780-210HD 780-224HD 780-157HD	SL11HD SL21HD SL24HD SL57HD	FMSLFHD FSHD FMHD FSCPHD
STANDARD DUTY 95"	GHMT10-95SD GHFS21-95SD GHMT24-95SD GHFS30-95SD	780-112 780-210 780-224 780-157	SL11 SL21 SL24 SL57	FMSLF FS FM FSCP
HEAVY DUTY 95"	GHMT10-95HD GHFS21-95HD GHMT24-95HD GHFS30-95HD	780-112HD 780-210HD 780-224HD 780-157HD	SL11HD SL21HD SL24HD SL57HD	FMSLFHD FSHD FMHD FSCPHD
STANDARD DUTY 120"	GHMT10-120SD* GHFS21-120SD* GHMT24-120SD* GHFS30-120SD*	780-112 780-210 780-224 780-157	SL11 SL21 SL24 SL57	FMSLF FS FM FSCP
HEAVY DUTY 120"	GHMT10-120HD* GHFS21-120HD* GHMT24-120HD* GHFS30-120HD*	780-112HD 780-210HD 780-224HD 780-157HD	SL11HD SL21HD SL24HD SL57HD	FMSLFHD FSHD FMHD FSCPHD

*ONLY FOR SPECIAL ORDER

MORTISE LOCKS - TH1100

TH 1101 DEADBOLT



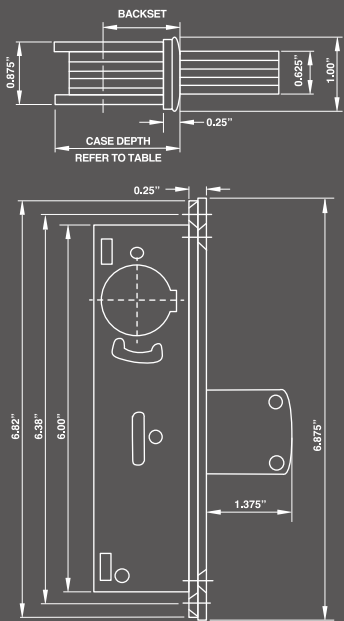
TH 1102 HOOKBOLT



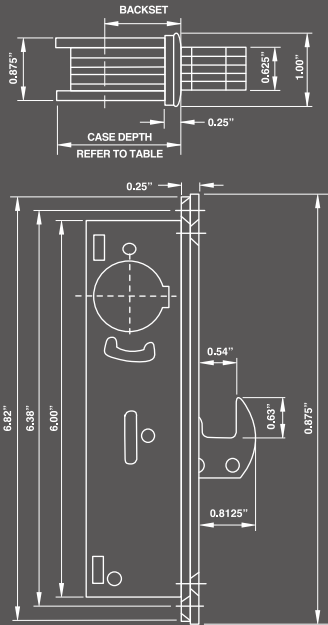
TH 1103 DEADLATCH



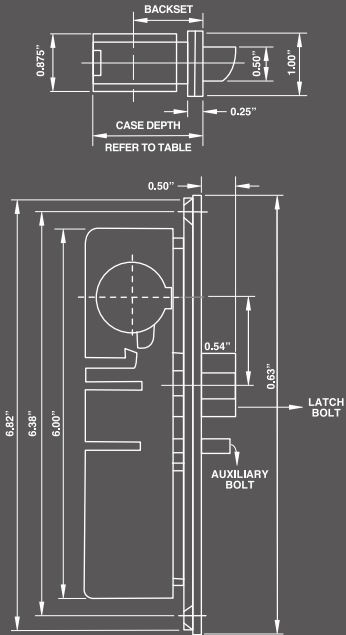
DEADBOLT



HOOKBOLT



DEADLATCH



- **FUNCTION** : Deadbolt, Hookbolt, Deadlatch.
- **BACKSET** : 31/32", 1 1/8" - TH1102 available 1 1/2"
- **HAND** : Non handed, easily reversible.
- **FACE PLATE** : 1" W x 6 7/8" L - aluminum.
- **CASE DIMENSIONS** : 7/8" W x 6" L x Depth specific to backset.
- **LATCHBOLT** :
Deadbolt - 5/8" W x 2 7/8" L x 1 3/8" throw
Hookbolt - 5/8" W x 1 3/8" L x 13/16" throw
Deadlatch - 1/2" W x 1.0" L x 1/2" throw
- **DEADLATCHES** :
Zinc alloy latchbolt with Delrin plastic insert, auxiliary bolt zinc diecast, deadlocks latchbolt and prevents manipulation.

Function	Lock Backset	Case Depth
Deadbolt	31 / 32" - 1 1/8"	1.63" - 1.78"
Hookbolt	31 / 32" - 1 1/8"	1.63" - 1.78"
Deadlatch	31 / 32" - 1 1/8"	1.63" - 1.76"

* Mortise Locks available with Face Plate. Please specify when ordering

FLUSH BOLTS - TH1100 - FB

Applications

Mortise flush bolt for use on all commercial store front and architectural aluminum and glass narrow stile door. Made for easy installation, replaces most brands of store front flush bolt.

Specifications

- Spring loaded lever action.
- Rod extension - 7/8" throw.
- Backset 3/4" - three models available specify rod length and offset, 1/8" and 1/4".
- 5/8" adjustment on rod length.
- Face plate dimensions 15/16" x 4 1/2" with 5/32" radius corner
- Square 1/2" nylon tip with beveled corners to prevent binding.
- Supplied with nylon keeper and fasteners.
- **FINISH** : AL - Aluminum, DU - Duronotic, TH1100-FB1 available WH - White.
- TH1100 - FB1- Rod 10" with 1/8" offset - standard.
- TH1100 - FB2- Rod 15" with 1/8" offset.
- TH1100 - FB3- Rod 12" with 1/4" offset.



COMPLETE SET - SPECIFY WHEN ORDERING

LOCK BODY

- Deadbolt - TH1101
- Hookbolt - TH1102
- Deadlatch - TH1103
- Backset 31/32" or 1 1/8"

FINISH

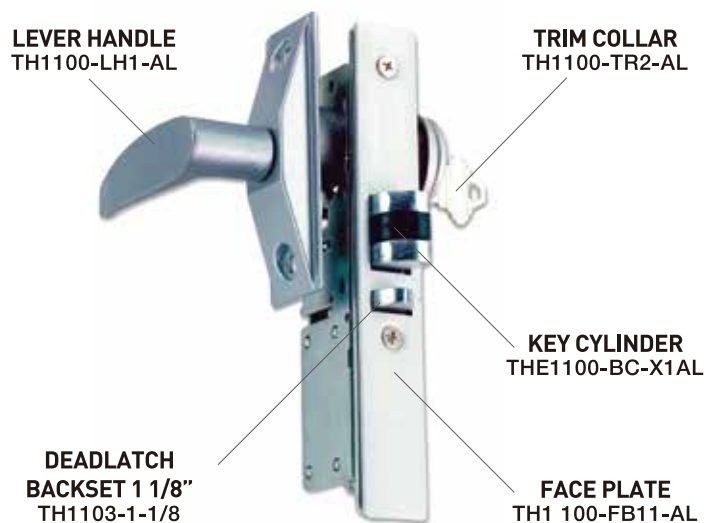
- Aluminum - AL
- Duronotic - DU

ACTIVATING MECHANISM

- Cylinder - TH1100 - BC, ZC
- Thumbturn - TH1100 - BT, ZT
- Push/Pull paddle - TH1100 - PUSH
- Lever handle - TH1100 - LH1

LOCK ACCESSORIES

- Face plate - TH1100 - FP
- Trim collar - TH1100 - TR
- Dummy cylinder - TH100 - DUM
- Strike - TH1100 - ST



FINISH: ALUMINUM

DOOR HARDWARE

TB-4015 THRESHOLD BOLT KIT

For doors with cylinder height of up to 53 1/2"
Threaded rod can be cut to size for lower
than 53 1/2"

TB-4016 THRESHOLD BOLT KIT

For door with cylinder
height 34" to 37"



SF - HBS85 HEADER BOLT SET

Fits doors 30-1/2" to 50" from centerline of
cylinder to top of door.

SF - HBS86 HEADER BOLT SET

Fits doors 55-5/8" to 77-1/2" from center of
cylinder to top of door.

SF - HBS87 HEADER BOLT SET

Fits doors 57" to 89" from center of cylinder to
top of door.



1804 SERIES

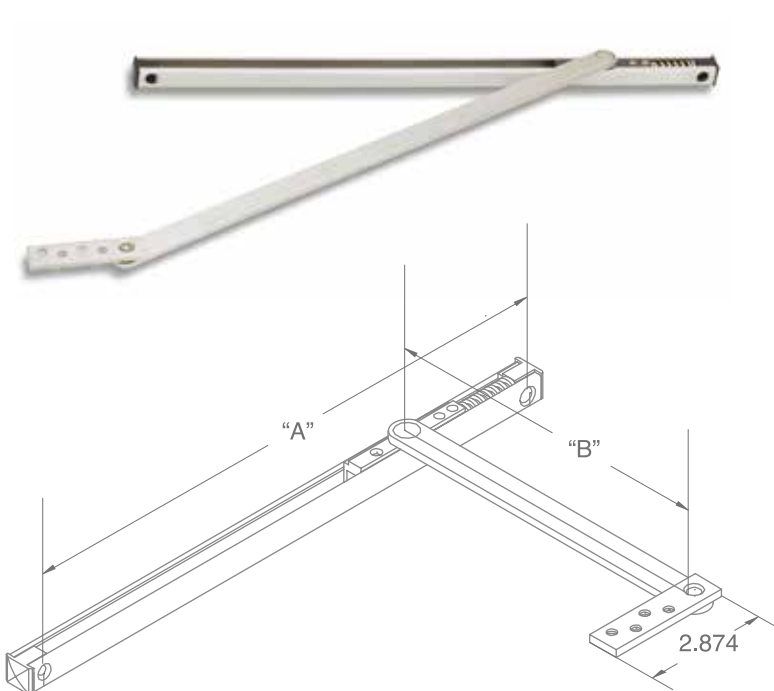
- Overhead Door Stop
- Stainless Steel Finish
- Non Handed
- Track - Stainless Steel
- Heavy Duty Shock Spring
- Arm - Stainless Steel
- Slide - Nylatron
- Finishes - US32, US32D

PART NO.	SIZE	"A"	"B"
18930032	17 11/16	16.632	13.937
18040032	20 3/16	16.632	16.939

DUST PROOF KEEPER



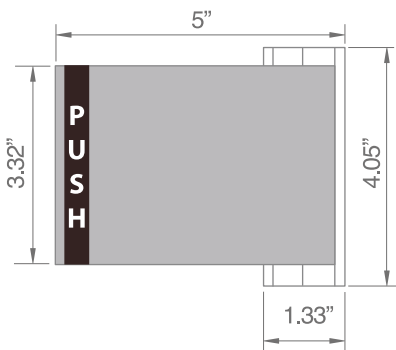
FINISHES : AL, PS, BS, PB



PADDLE - TH1100 - PUSH



PADDLE DIMENSIONS



Applications

For use with TH1103 deadlatch or any other brand of narrow stile mortise deadlatch. Paddle is four way reversible, select application required by referring to chart below. Handing can be reversed on cam plug by removing c - clip and flipping the cam over and reinstalling c - clip.

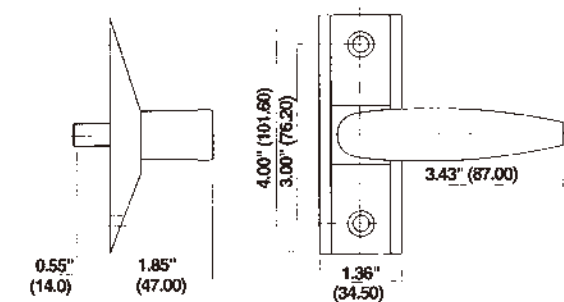
Specifications

- **PADDLE** : Extruded aluminum.
- **HOUSING** : Zinc alloy, black hard coat finish.
- **OPERATING ASSEMBLY** : Steel mechanism.
- **HAND** : Non - handed, cam plug included - reversible.
- **STANDARD PACKAGE** : Paddle arm, operating housing, binder posts, cam plug, self adhesive decals and mounting har.
- **FINISH** : AL - Aluminum, DU - Duronotic.

UNIVERSAL - 4 WAY REVERSIBLE

TYPE	OPERATION	USE
PULL - L.H.		Outside of left hand reverse door or inside of right hand.
PUSH - L.H.		Outside of left hand door or inside of right hand reverse.
PULL - R.H.		Outside of right hand reverse door or inside of left hand.
PUSH - R.H.		Outside of right hand door or inside of left hand reverse.

LEVER - TH1100 - LH1



Applications

For use with TH1103 deadlatch or any other brand of narrow stile mortise deadlatch. Lever is reversible. Handing can be reversed on cam plug by removing c - clip and flipping the cam over and reinstalling c - clip. cam plug is secured to lever by 2 hardened steel pins. Cam plug locks into deadlatch by use of set screw in deadlatch.

Specifications

- **LEVER** : Aluminum alloy cast.
- **ESCUTCHEON** : Aluminum 1 3/8" x 4" heavy duty spring mechanism prevents sagging of lever handle.
- **SPINDLE** : Wrought steel, 1/4" square hardened heat treated.
- **HAND** : Non-handed easily reversible.
- **OPERATION** : Turning lever downward will activate deadlatch.
- **STANDARD PACKAGE** : Cam plug included, all mounting scr templates and installation instructions.
- **FINISH** : AL-Aluminum, DU-Duronotic.

CYLINDERS & ACCESSORIES

LATCH GUARDS-LG109/LG111

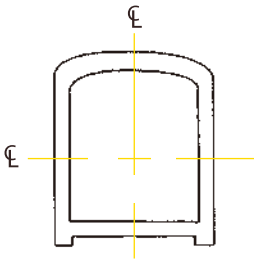
- Fits all hollow metal or wood doors.
- Reversible handing.
- Protects cylindrical and mortise locks and guards latch bolt.
- Mounts to door with heavy duty sex bolts.
- **FINISHES** : US26D.



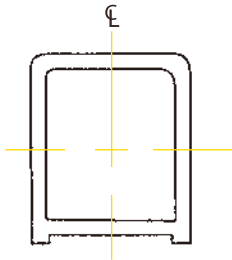
FACE PLATES-TH1100-FP



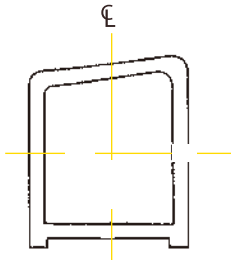
APPLICABLE
DOOR STILES



RADIUS



FLAT



BEVEL

FLAT	L.H. BEVEL	R.H. BEVEL	RADIUS	RADIUS WITH WEATHERSTRIP
TH1100-FP1 (TH1101 Deadbolt)	TH110 0-FP2 (TH1101 Deadbolt)	TH1100-FP3 (TH1101 Deadbolt)	TH1100-FP4 (TH1101 Deadbolt)	TH1100-FP5 (TH1101 Deadbolt)
TH1100-FP6 (TH1102 Hookbolt)	TH1100-FP7 (TH1102 Hookbolt)	TH1100-FP8 (TH1102 Hookbolt)	TH1100-FP9 (TH1102 Hookbolt)	TH1100-FP10 (TH1102 Hookbolt)
TH1100-FP11 (TH1103 Deadlatch)	TH110 0-FP12 (TH1103 Deadlatch)	TH1100-FP13 (TH1103 Deadlatch)	TH1100-FP14 (TH1103 Deadlatch)	TH1100-FP15 (TH1103 Deadlatch)
				

Specify face plate profile based on applicable door stile configuration

STRIKES-TH1100-ST

APPLICATIONS

Both strikes are for use with TH1103 deadlatch or any other brand of narrow stile mortise deadlatch. Order double strike when converting a narrow stile lock to a deadlatch, to cover elongated slot in aluminum frame. Order single strike separately if required.



TH1100-ST2
SINGLE STRIKE



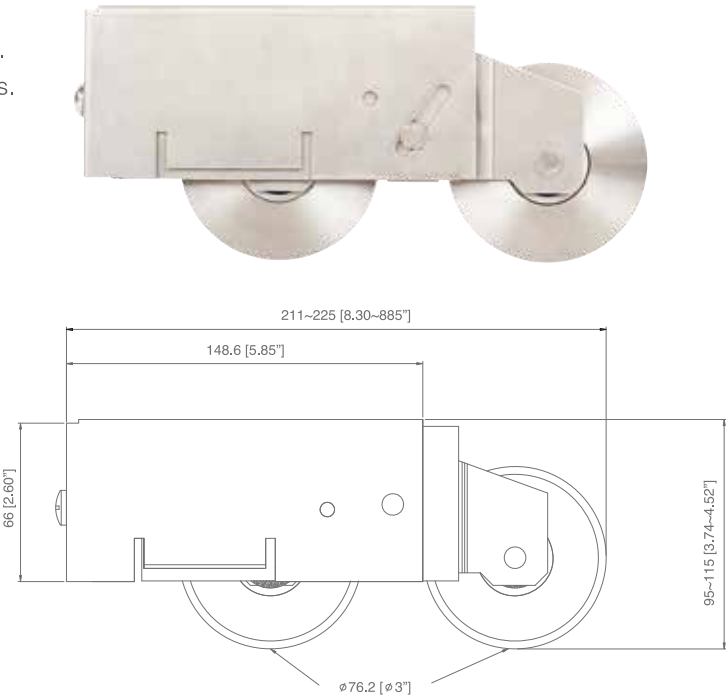
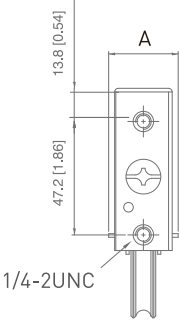
TH1100-ST1
DOUBLE STRIKE

HUSKEY HEAVY DUTY TANDEM DOOR ROLLERS

Specifications

- Stainless Steel Construction for the toughest coastal applications.
- Sealed Precision Bearing 3" heavy-weight Stainless Steel Wheels.
- Adjustable height with easy access heavy duty screw.
- Available in different sized housings and wheel sizes.

ITEM NO.	A
5535925	0.88"
5533925	1.161"



PRECISION BEARING COMMERCIAL GRADE ADJUSTABLE ROLLER

GENERAL DESCRIPTION

Precision Bearing end adjust heavy duty commercial grade tandem rollers for sliding glass doors. Heavy gauge housing and sealed precision bearing wheels for heavy load capacity. Height adjustment mechanism can be operated with a philipps screwdriver. Mounting tabs and hole location conform to general industry practice.

MATERIAL AND FINISH

HOUSING : Heavy gauge Stainless steel

WHEEL : Stainless steel

BEARING AND RACE : Sealed Precision Bearing

LOAD CAPACITY : Up to 250 lbs.

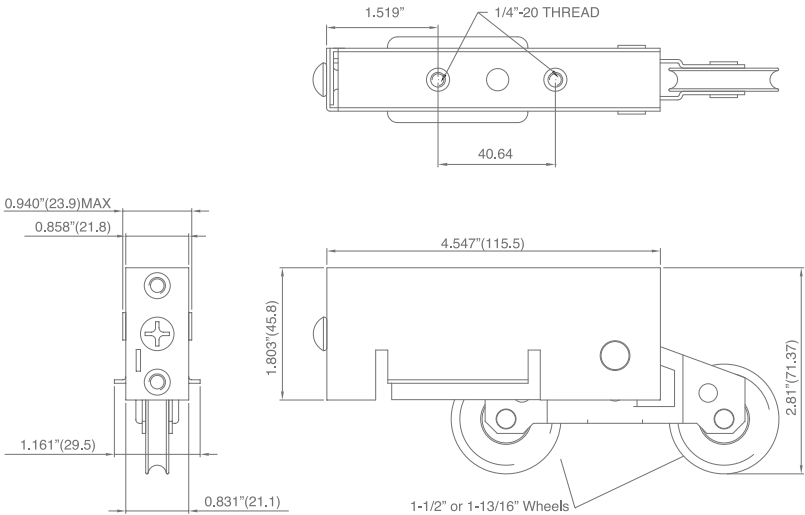
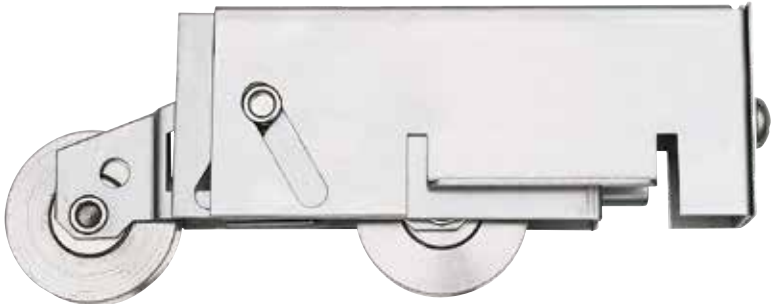
HEIGHT ADJUSTMENT RANGE : Up to 0.77"

ADJUSTMENT TYPE : Ramped slot Screw drivenC

CERTIFICATION : Exceeds AAMA 906-96 requirements for cycle life and load capacity

Wheel size 1.5" diameter or 1-13/16" diameter

WHEEL \ CASE	Wheel Size	PART NUMBER
Stainless	1-1/2"	5400925
Stainless	1-13/16"	5433925



ZINC DIE CAST MORTISE LOCK SET

NARROW STILE MORTISE LOCK, KEY/ KEY, HANDLE / HANDLE

INSML-7/8-B

- Designed to suit narrow profile aluminum door
- Lever handle / lever handle
- Deadbolt operated with a key from either side
- 7/8" backset
- Included two nickel plated brass keys
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



NARROW STILE MORTISE LOCK, KEY/ THUMBTURN, HANDLE / HANDLE

INSML-7/8-BT

- Designed to suit narrow profile aluminum door
- Lever handle / lever handle
- Deadbolt operated with a key (exterior side) or thumbturn (interior side)
- 7/8" backset
- Included two nickel plated brass keys
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



ZINC DIE CAST MORTISE LOCK SET

NARROW STILE MORTISE LOCK, KEY/ KEY, PULL / HANDLE

INSML3-7/8-B

- Designed to suit narrow profile aluminum door
- Pull handle / lever handle
- Deadbolt operated with a key from either side
- 7/8" backset
- Included two nickel plated brass keys
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



NARROW STILE DEADLOCK

INSDL-7/8-B

- Designed to suit narrow profile aluminum door
- Deadbolt operated with a key from either side
- 7/8" backset
- Included cylinder escutcheon and two nickel plated brass keys
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



LOCK SET WITH CROSS KEY CYLINDER

DEAD BOLT LOCK WITH CROSS KEY CYLINDER

SF-RDBS05-7/8

- Designed to suit narrow profile aluminum door
- Deadbolt operated with a key from either side
- Included Cross Key Cylinder
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



HOOK BOLT LOCK WITH CROSS KEY CYLINDER

SF-RHBS05-7/8

- Designed to suit narrow profile aluminum door
- Hookbolt operated with a key from either side
- Included Cross Key Cylinder
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



HOOK BOLT LOCK WITH OVAL CYLINDER

SF-HBS04-7/8

- Designed to suit narrow profile aluminum door
- Hookbolt operated with a key from either side
- Included Oval Cylinder
- Available in white, beige, black, brown, champagne, duronodic, gold, silver finishes



KNOB / LEVER CYLINDER

GLA3Y1KD-26D

UNIVERSAL KNOB / LEVER CYLINDER

5 PIN, SATIN CHROME

YALE 8 (Y1) KEYWAY

KEYED DIFFERENT



GLA3SC1KD-26D

UNIVERSAL KNOB / LEVER CYLINDER

5 PIN, SATIN CHROME

SCHLAGE C (SC1) KEYWAY

KEYED DIFFERENT



GLA3GAKD-26D

UNIVERSAL KNOB / LEVER CYLINDER

5 PIN, SATIN CHROME

SARGENT GA KEYWAY

KEYED DIFFERENT



KNOB / LEVER CYLINDER

GLA6Y1KD-26D

UNIVERSAL KNOB / LEVER CYLINDER

5 PIN, SATIN CHROME

YALE 8 (Y1) KEYWAY

KEYED DIFFERENT



GLA6SC1KD-26D

UNIVERSAL KNOB / LEVER CYLINDER

5 PIN, SATIN CHROME

SCHLAGE C (SC1) KEYWAY

KEYED DIFFERENT



GLA6GAKD-26D

UNIVERSAL KNOB/LEVER CYLINDER

5 PIN, SATIN CHROME

SARGENT GA KEYWAY

KEYED DIFFERENT



IC CORE CYLINDER

INTERCHANGEABLE (IC) CORE

GAL-ICC-MED



5 or 6 or 7 pin
High Quality Plating with 26D
Each Cylinder with 3 Keys
2 keys for open lock
1 control for Core taking off
Manage inventory turns with this convertible,
interchangeable design
Available in many popular keyways

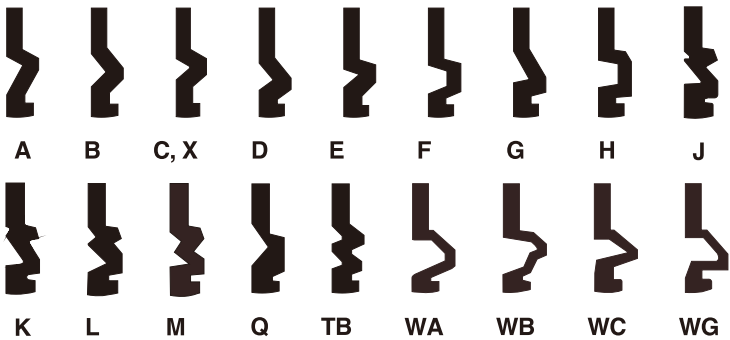
Finish	
US3	Polished Brass
US10B	Oiled Rubbed Bronze
US15	Satin Nickel
US26D	Satin Chrome

GAL-ICC-SAR



Interchangeable core locks will accept compatible 6 or 7 pin cores with BEST, Schlage, Yale 8 and Arrow.

BEST KEY WAYS



GAL-ICC-BS



KEYWAY NO.	
A	M
B	Q
C	TB
D	WA
E	WB
F	WC
G	WG
H	ZA
J	ZB
K	ZC
L	ZG

KNOB / LEVER CYLINDER

IC CORE HOUSING, 6 OR 7 PIN

Compatible with Large 8, Middle 8, Small 8, Large-small 8 IC core
Removable design allow changing of cams
Solid brass Construction
Available in a range of lengths to suit most major door profile

Finish	
US3	Polished Brass
US15	Satin Nickel
US26D	Satin Chrome

GAL-ICH-MED (MEDECO TYPE)



GAL-ICH-BS



GAL-ICH-S (SMALL TYPE)



GAL-ICH-RIM



GAL-ICH-CAB



KNOB / LEVER CYLINDER

Specifications

- **TYPE** : Mortise or Rim

Key cylinders - 5 pin Schlage "C" keyway

TH1100 series mortise cylinders BC, ZC, BT, ZT, DUM

1" length - cam MS A / R type, except DUM

TH1100RC - Rim cylinder, flat cut to size tail piece - KD

Packed with collar ring, mounting plate, 2 screws, AL, DU

- **KEY OPTIONS SPECIFY WHEN ORDERING** :

For TH1100 - BC, ZC

X1 - Keyed different

X1KA - Single cylinder keyed alike

X2 - Keyed alike in pairs

- **FINISH** :

BRASS CYLINDERS - KEYED, THUMBTURN : AL, DU, BL

ZINC CYLINDER - KEYED, THUMBTURN, DUMMY : AL, DU

- **CYLINDER ACCESSORIES** :

CG1 - Anti - wrench collar cylinder guard

TR1 - Cylinder collar 5/16", extruded solid

TR2 - Cylinder collar 5/16", stamped hollow

**TH-1100-BC
TH-1100-ZC
Keyed Mortise Cylinder
Brass or Zinc**



**TH-1100-DUM
Dummy Mortise Cylinder
Zinc**



**TH1100-BT
TH1100-ZT
Thumbturn Mortise Cylinder
Brass or Zinc**



**TH1100-ZT0-AL
TH1100-ZT0-DU
Thumbturn Mortise Cylinder
AL or DU**



**TH1100-RC
Keyed Rim Cylinder Brass**



**TH1100-CG1
Cyl. Guard Anti - Wrench Collar
AL or DU**



**TH1100-TR1
Extruded Trim Ring
AL or DU**



**TH1100-TR2
Stamped Trim Ring
AL or DU**



OFFSET PIVOTS



TH1110
ARCH / VISTAWALL STYLE



TH1112
ARMALITE STYLE



TH1114J
PITTCO STYLE



TH1114U
US ALUM



TH1116
ALDORA STYLE

Th1100 offset pivots are used for both flush face frame installation and 1/8" recessed door applications. Pivots replace most major door manufactures. suitable for alu-minum doors weighing up to 125 pounds. These pivots are engineered and designed for durability, style and are easy to install.

TO ORDER PIVOT : For LHRB door order RH pivot
For RHRB door order LH pivot

Specifications

- 3/4" offset pivots for aluminum doors and frames.
- For flush door / frame and 1/8" recessed door applications.
- Weather resistant.
- Aluminum case construction.
- Vertical adjustment 1/8".
- Full race ball bearing and design, provides smooth operation on bottom pivot door portion.
- No sag, entire weight of doors rests on floor mounted pivot portion.
- Completely temper proof, yet easily removable, replaceable in unlocked position.
- Top portions available 1110-T non handed.
- All pivots are handed - specify LH, RH.
- Finish : AL-Aluminum, DU-Duronotic, 1110 available in WH-White.

OFFSET PIVOTS

Th1100 offset pivots are used for both flush face frame installation and 1/8" recessed door applications. Pivots replace most major door manufactures. Suitable for aluminum doors weighing up to 125 pounds. These pivots are engineered and designed for durability, style and are easy to install.

TO ORDER PIVOT : For LHRB door order RH pivot For RHRB door order LH pivot.

Specifications

- 3/4" offset application for aluminum doors and frames.
- For flush door / frame and 1/8" recessed door applications.
- Weather resistant.
- Aluminum case construction.
- Vertical adjustment 1/8".
- Full race ball bearing and design, provides smooth operation on bottom pivot door portion.
- No sag, entire weight of doors rests on floor mounted pivot portion.
- Completely temper proof, yet easily removable, replaceable in unlocked position.
- Top portions available 1110 - T non handed.
- All pivots are handed - specify LH, RH.
- **FINISH :** AL-Aluminum, DU-Duronotic, 1110 available in WH-White.



**TH-1108
OLD CASTLE STYLE**



**TH1118-B
KAWNEER STYLE BOTTOM
PORTION REPLACEMENT PIVOT SET**



**TH1118-T
KAWNEER STYLE TOP
PORTION REPLACEMENT PIVOT SET**

YKK STYLE

Specifications

- For aluminum frame store front doors and doors up to 125 lbs.
- Weather resistant.
- Die-cast aluminum case construction.
- Vertical adjustment 1/8".
- Fully retractable, spring loaded top pin for easy installations.
- Full race ball bearing and oilite bronze bushing.
- No sag, entire weight of doors rests on floor mounted pivot portion.
- Completely temper proof, yet easily removable, replaceable in unlocked position.
- All pivots are handed - specify LH, RH.
- Finish : AL-Aluminum, DU-Duronotic.



**TH1300
YKK STYLE**

INTERMEDIATE ALUMINUM PIVOTS

Imperial intermediate pivots are intended for taller doors that require additional support to keep the middle part of the door in line with the pivot hinges at the top and bottom. Intended to be used for both flush face frame installations and 1/8" recessed door applications. The pivots cannot be used on center hung doors. Suitable for aluminum doors weighing up to 125 pounds. Our pivots are engineered and designed for durability, style, and are easy to install.

Specifications

- 3/4" offset application for aluminum doors and frames.
- Precision aluminum die cast.
- Doors up to 90" in height should use one intermediate pivot. We recommend another intermediate pivot for each additional 30"
- Full race ball bearing backened by an oilite bronze bushing in the door portion.
- Case hardened pin to jamb portion fully retractable for ease of installation.
- **DOOR THICKNESS** : 1 3/4"
- Easy vertical adjustment.
- Please specify handing for SF - IP90.



Top Frame Portion



Bottom Door Portion



Top Door Portion



Floor Portion



**TH-1121
KAWNEER STYLE**



**TH-1190
INTERMEDIATE PIVOT**



**TH-1120
ARCH/ALMARLITE STYLE**

REPLACEMENT OFFSET PIVOT SET (3/4" Offset Use Aluminum Doors And Frames)

TH-1200-NON-HANDED REPLACEMENT PIVOT SET

- Precision die cast for excellent tensile and shear strength.
- Radius in critical corners for additional fatigue strength.
- Full race ball bearing in bottom bearing housing.
- Non - handed for use in 1 - 3/4" aluminum storefront doors.
- For use in weighing not more than 130 pounds.
- Standard baked enamel finishes available :
al - painted satin aluminum
Du - painted storefront bronze

DELUXE HINGE KIT - SF - HK1

The SF - HK1 deluxe hinge kits are the ideal choice for multiple application door solutions, when existing hardware fails. A quick and easy fix for any compromised opening.

Specifications

- For commercial doors up to 500 lbs.
- Non handed.
- Flush or 1/8" offset door applications.
- High - tensile aluminum alloy.
- Self - lubricating pin rotates on anti - friction bearings.
- Securely fastened with tamper proof screws.
- Vertical adjustment screw.
- Door easily serviced.
- Packed and sold in pairs.
- 1 year warranty.
- **FINISHES** : US28, DU

Deluxe Hinge Kit Comes With:

- (2) roto pin hinges.
- (12) one - way screws.
- (4) cover strips.
- (1) Allen wrench for vertical adjustment.
- (2) 1/8" shims for flush door applications.
- (1) instruction sheet.

THRUST BEARING

ROLLER BEARING



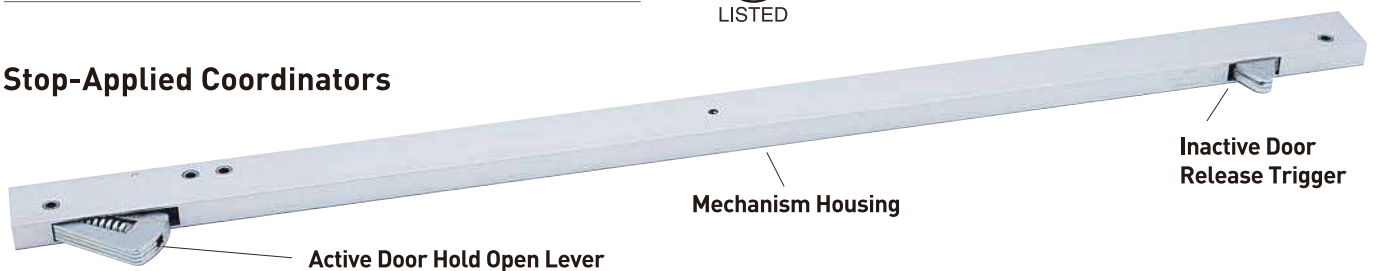
VERTICAL ADJ. SCREW

ROTATING HINGE PIN

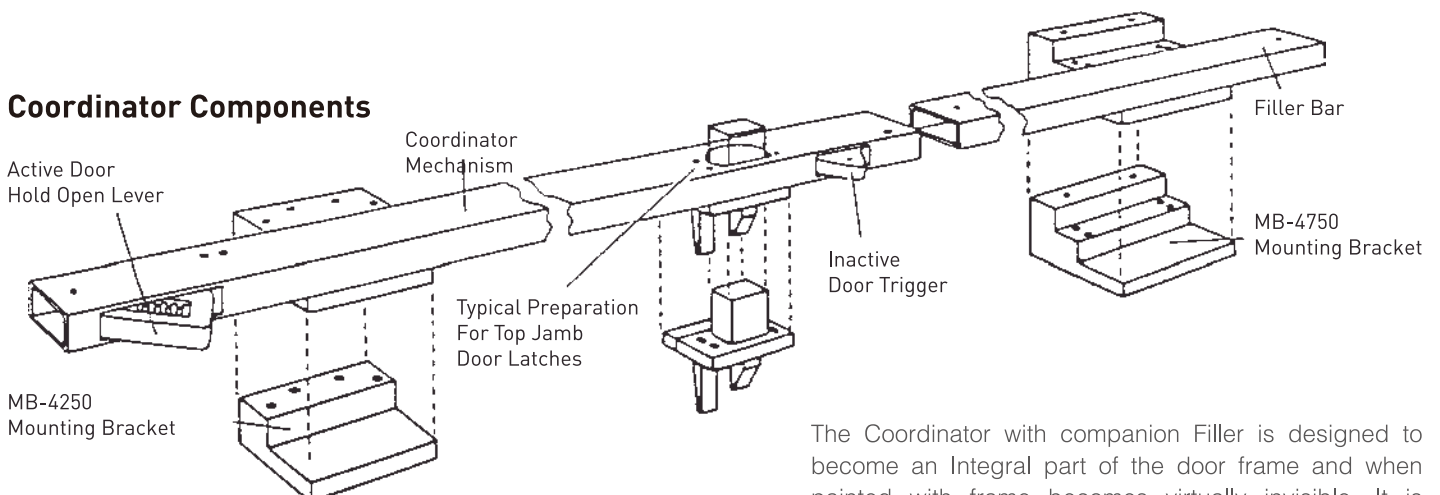
SURFACE MOUNTED COORDINATORS



Stop-Applied Coordinators



Coordinator Components



The Coordinator with companion Filler is designed to become an Integral part of the door frame and when painted with frame becomes virtually invisible. It is engineered to prevent damage in case of abnormal force against active door that is held open.

COMMERCIAL DOOR PULL

Specifications

- Center to Center: 10" to 12" (custom length also available)
- Diameter: 1"
- Glass Thickness Range: 3/8" to 3/4"
- Finishes: Polished Stainless, Brushed Stainless
- Choice of no washer or with metal



Specifications

- Center to Center: 10" to 12" (custom length also available)
- Diameter: 1"
- Glass Thickness Range: 3/8" to 3/4"
- Finishes: Polished Stainless, Brushed Stainless
- Choice of no washer or with metal

Specifications

- Center to Center: 12" to 48" (custom length also available)
- Diameter: 1"
- Glass Thickness Range: 3/8" to 3/4"
- Finishes: Brushed Stainless, Polished Stainless
- Choice of no washer or with metal washer, stainless washer



PULL BARS

Specifications

- **PUSH BAR LENGTH** : 33"
- **PULL BAR HEIGHT** : 10"
- **BAR WIDTH** : 3 1/4"
- **MOUNTING DIAMETER** : 1"
- **PROJECTION** : 2 1/2"
- Meant for standard 1 3/4" doors.
- Attractive design combinations increase usability for people of all heights
- **FINISHES** : AL, DU



**SDTP
OFFSET PULL BAR**



**DA-BTBP
DUAL PULL BAR**



www.imperialhardware.net