

PemkoHinge®

Continuous Geared Aluminum Hinges

CONTENTS:

What is PemkoHinge®?	68
Ordering Chart	68
BHMA Certification Program	69
Hospital Tip	69
Cycle Requirements and Weight Bearing	69
UL Fire Labeling	69
Options for Electrically Modified Continuous Geared Hinges	70
X-Series PemkoHinge®	71
Offset Hinges	72
Full Mortise Hinges	73
Special Full Mortise Hinges	74
Kawneer Full Mortise Hinges	75
Raised Gear Hinge	75
Full Mortise Safety Hinges	76
Wide Throw Full Mortise Hinges	77
Wide Throw Half Surface Hinges	77
Half Surface Hinges	78
Half Mortise Hinges	78
Full Surface Hinges	79
Full Surface Center Pivot Hinges	79
Full Surface Balanced Pivot Hinge	79
Full Mortise Residential Hinges	80
Firepins™	81
Double Swing Hinge	82
Emergency Release Stop	82
Power Transfer Units	84

INDEX:

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
DSH	83	FM_SLF138	76	SPFM	74
DSH1000	82	FM_SLI	73	SPFM_SLF	74
EL-CEPT	84	FM_SLISF	76	SPFM_SLI	74
EL-EPT	84	FS	79	WT_FM	77
EL-EPTL	84	FS_CP	79	WT_HS	77
EL-EPT-SC	84	HM	78	X25M	71
ERS	82	HS	78	XF	71
ERSBH	82	HS_SF	78	XI	71
ERSMP	82	K_FM	75	XK	71
FM	73	OS_FM	72	XM	71
FM_RG	75	OS_HS	72		
FM_SF	76	RS138	80		
FM_SLF	73	RS175	80		

NOTE: Products shown in this section may not be drawn to scale

What is PemkoHinge®?

PemkoHinge® consists of two full-height, paired and geared leaves. Each geared leaf rotates evenly from top to bottom riding on proprietary polymer blended bearings. The geared leaves and bearings are held together by a full-length channel cap. This assembly retains the smooth, clean lines of the door and frame, while easily supporting heavy vertical loads.

PemkoHinge®

SECURITY, SAFETY, PRIVACY, LOW WEAR AND TEAR

PemkoHinge® Attributes:

- With a continuous hinge, typical alignment problems (such as door sag and binding) are eliminated
- The continuous hinge distributes load stress uniformly along the full length of the door and frame
- The gear design of the continuous hinge ensures symmetrical operation of each leaf
- 1/2 lb. or less operating force required to operate most doors, regardless of size
- Low operating force feature makes continuous hinges ideal for doors used by the physically challenged
- The continuous hinge, when installed on standard steel doors and frames, requires no additional reinforcement. However, hinge preps must have fillers installed for proper operation
- A high degree of security can be achieved for exterior openings or restricted spaces by using a continuous hinge. With the geared construction and the full-length channel cap, the common gap between the door and frame is sealed, which provides security against prying
- In addition, the continuous full-height hinge cap protects against pinching fingers in doors in public areas, particularly those where children are present
- Sight proof design of the continuous hinge provides privacy for lavatories, executive offices, or file rooms

PemkoHinge® Superior Design:

- PemkoHinge® has increased critical stress points of the hinge leaf extrusions providing additional strengths and rigidity to the completed product
- PemkoHinge® bearing design eliminates premature wear, guarantees proper alignment, and requires fewer bearings to carry more weight. The bearing is produced for Pemko using a chemical composition and injection process that provides a stronger, more accurately formed bearing
- PemkoHinge® is designed with inter-meshing gear segments in the hinge which provide 50% more bearing surface resulting in less wear
- PemkoHinge® goes through the anodizing process after completing all machining. This means the machined aluminum surfaces that are in direct contact with the bearing have a smoother, harder surface, thereby reducing wear
- PemkoHinge® maintains uniform bearing spacing for the full length of the hinge even when lengths exceed 10'
- Pemko uses self drilling No.12-24 x 11/16" Flat Head Undercut, Type C, thread-forming fasteners, no tapping required
- PemkoHinge® commercial models are ideal for use on lead lined doors (i.e. hospital X-ray rooms), without requiring special screw locations

How To Order (Hinge Part Designations)

Example: D | SPFM | 85 | SLI | HD1

FINISHES		HINGE TYPES		LENGTHS	HINGE OPTIONS		CAPACITY	
BL	Black Anodized	FM	Full-Mortise	79	"blank"	Standard	"blank"	Standard Duty
BSP	Black Suede Powder Coat*	FS	Full-Surface	83	CP	Center Pivot	HD1	Heavy Duty, Grade 1
C	Clear Anodized	HS	Half-Surface	85	RG	Raised Gear	HD3	Heavy Duty, Grade 3
D	Dark Bronze Anodized	RS138	Full-Mortise Residential: 1 3/8"	95	SF	Safety		
G	Gold Powder Coat	RS175	Full-Mortise Residential: 1 3/4"	120	SL	Short Leaf (residential only)		
SN	Satin Nickel Powder Coat	SPFM	Special Full-Mortise		SLF	Short Leaf Flush		
WSP	White Suede Powder Coat *	WT_FM	Wide Throw Full-Mortise		SLI	Short Leaf Inset		
10BE	Satin Bronze Powder Coat *	WT_HS	Half-Surface					

*Only available on select profiles



BHMA Certification Program

This program was developed to establish product classifications through performance testing. Three grades (1, 2 and 3) of product classifications were established for continuous hinges, with three weight groups (150, 300 and 600) for each grade: Grade 3 being the lowest and Grade 1 being the highest classification. Each classification and weight group has a set of established cycle requirements and wear characteristics, with a minimum for vertical and lateral wear to establish a listing under a weight and grade classification, after the set number of cycles is completed.

Maximum Vertical Wear Allowable:

Grade 3 = 0.105"

Grade 2 = 0.030"

Grade 1 = 0.020"

Maximum Lateral Wear Allowable:

All Grades = 0.062"

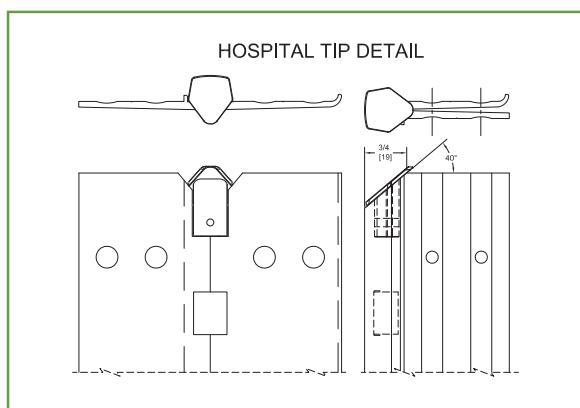
Cycle requirements range from Grade 3-600 requiring 100,000 cycles through Grade 1-150 requiring 2.5 million cycles.

For more information on certification testing or other product certification programs, please contact Pemko Customer Service.



Hospital Tip

A special modification is available for certain hinges which provides a Hospital Tip Cap at the top of the gear cap, leaving no opening. A 45° angled cut on the gear cap and leaf covers provides a safe environment for hospitals and correctional facilities.



Cycle Requirements - *Per BHMA Standard ANSI/BHMA A156.26-2012*

- Standard Duty Hinges (excluding _RS175 & _RS138) conform to Grade 3-150 and Grade 3-300
- HD3 Hinges conform to Grade 3-150, Grade 3-300, and Grade 3-600
- HD1 Hinges conform to Grade 2-150, Grade 1-300, and Grade 1-600
- 1100 Series and X-Series Hinges conform to Grade 1-150

Weight Bearing - *Per BHMA Standard ANSI/BHMA A156.26-2012*

- This information pertains to all commercial models
- Heavier weight can be carried; please contact Customer Service for applications other than those listed in the chart
- Special hinge reinforcements are not required as hollow metal door and frame manufacturers' standard are acceptable. Removal of hinge reinforcements in the door and frame is not advised. Hinge preps must have fillers installed

UL Fire Labeled 1½ & 3 Hour



- All models designated with these symbols are tested and certified by Underwriters Laboratories Inc.® (U.S.A. and Canada) to standards UL10B, UL10C and UBC7.2 (positive pressure) for a 1½-Hour Fire Listing for all 4'0" x 10'0" and 8'0" x 10'0" door and frame assemblies. Fire listing certifications apply to all approved hollow metal and wood door assemblies in drywall or masonry wall construction
- Special FirePins™ are only required on 3-Hour assemblies. Please refer to page 95 for illustrations and information regarding the application of Pemko FirePins™

- All hinges are supplied with standard fastener kits. Replacement kits/individual fasteners may be purchased separately
- Particle Board/TORX fasteners may be purchased separately. Full-mortise hinges require 40 each; half-surface hinges require 20 each; full-surface hinges require 12 each
- All half-surface and full-surface hinges are supplied with a snap cover for the door leaf. Replacement snap covers may be purchased separately

ELECTRICALLY MODIFIED CONTINUOUS GEARED HINGES

Electrical Modifications

- Pemko has vastly improved the cycle performance of the electrically modified hinge. Performance testing has shown that 3,000,000+ cycles can now be achieved using Pemko's exclusive polyurethane-coated 4, 8, or 12 TRI-FLEX titanium copper alloy cables. Each cable is capable of carrying 6 amps continuous or 16 amps in-rush @ 24-volts for 820 milliseconds. When ordering, please use the "shorthand code" shown in the chart page 82. For example, if you require a Clear Anodized standard Full-Mortise hinge at 83" with Quick Connect transfer - 4-wire, modified 36 $\frac{1}{4}$ " from the top, right hand, you would order a CFM83 with QC4 at 36 $\frac{1}{4}$ " from top - RH

Options for Electrically Modified Continuous Geared Hinges

These options allow variable degrees of service to be performed at the specific locations of the current carrying cables by installing a serviceable/removable hinge which includes a removable module (SER), or installing a hinge with a pivoting accessible feature (ACC).

- Both options (SER & ACC) are available in 4 Wire (QC4), 8 Wire (QC8), 12 Wire (QC12) variants
- Available on FM, FS, HS, KFM, SLF, SLI, XF, XI, XK, XM, X25M Models

Serviceable/Removable (SER) Module

The hinge is furnished to be installed in three sections allowing the current carrying cable to be serviced or replaced without removing the door from the frame. Additionally, the SER option allows the current carrying cables to be safely stored or delivered to the electrician or security contractor prior to the installation of the electrified hardware, eliminating the necessity of the electrician or security contractor being present when the doors are being hung.

Product Numbering Example: CFM83HD1xSER4

Accessible (ACC) Feature

The hinge is furnished to be installed in a single section with the leaves modified to pivot at the location of the current carrying cable and allow access to the cables and connected wiring.

Product Numbering Example: CFM83HD1xACC4

Concealed Magnetic Monitoring (CM)

Concealed magnetic monitoring is also available with the SER and ACC options. Magnetic monitor is supplied with monitor and an adjustable magnet.

Product Numbering Example: CFM83HD1xSER4xCM
CFM83HD1xACC4xCM

Customer Information Needed:

- Specify handing and prep location

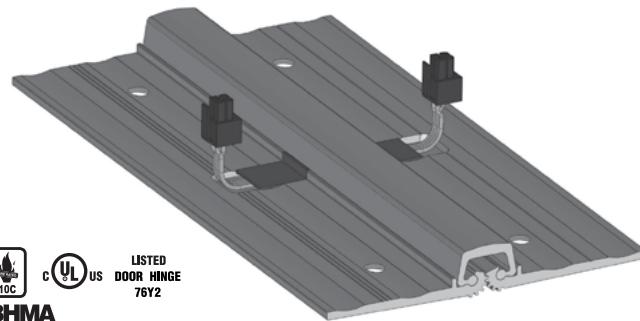
Included:

- HD1, 1100 and X-Series model hinges using Molex connectors with ElectroLynx® are warranted for five (5) years. Standard duty and HD3 hinges are warranted for one (1) year

ElectroLynx®

As part of their promise to provide innovative, fast and effective high security solutions to their customers, certain ASSA ABLOY Group brands offer ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY Inc.



Quick Connect Transfer For Full Mortise (FM) Hinges	QC4 4 WIRE QC8 8 WIRE QC12 12 WIRE	Quick Connect Transfer For Full Surface (FS) & Half Surface (HS) Hinges	QC4_S 4 WIRE QC8_S 8 WIRE QC12_S 12 WIRE
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Additional Electrical Modifications Options Code	
Additional Length of Quick Connect Cable Leads	
Adjustable Concealed Magnetic Monitoring	CM
Power Transfer - Prep Only	PT

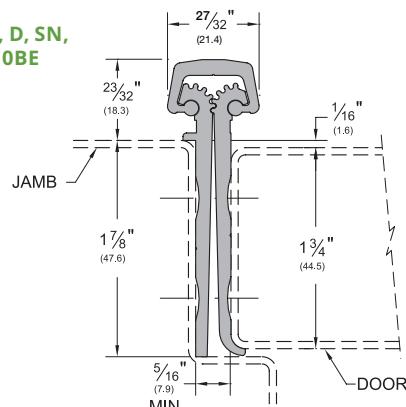
X-SERIES HINGES

- Thicker leaves than traditional continuous geared hinge and requires no additional clearance
- X-Series Hinges are HD1 Grade as standard

Full Mortise

XM_

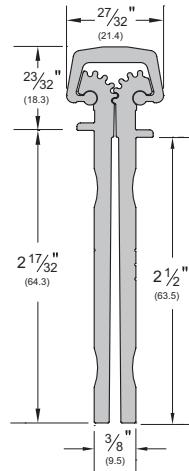
STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



- X-Series hinges allow for a deeper cavity for electrical wires when ordering an electrified hinge

Full Mortise for 2 1/2" Thick Door

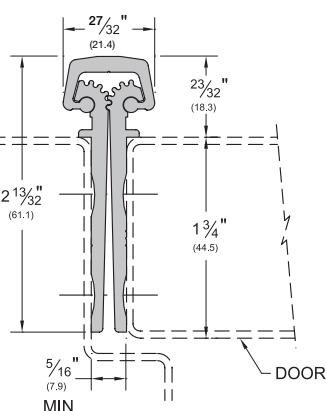
- Wider hinge leaves to accommodate doors 2 1/2" thick



Short Leaf Flush

XF_

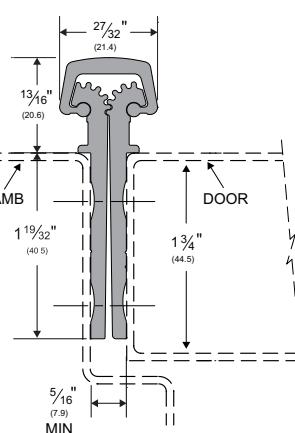
STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Kawneer Full Mortise

XK_

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**

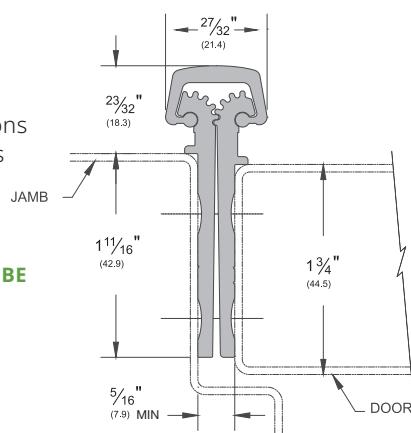


Short Leaf Inset

- Designed for use with hollow metal doors where the inset conforms to S.D.I. specifications for aligning doors and frames

XI_

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **C** (Clear Anodized)
D (Dark Bronze Anodized) **SN** (Satin Nickel Powder Coated Aluminum) **WSP** (White Suede Powder Coated Aluminum)

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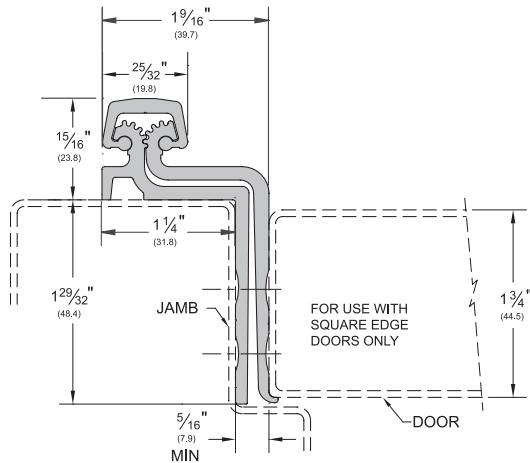
OFFSET HINGES

- Used when extra clearance is needed when the door is open at 90°

Offset Full Mortise

_OS_FM

STANDARD FINISHES: C, D

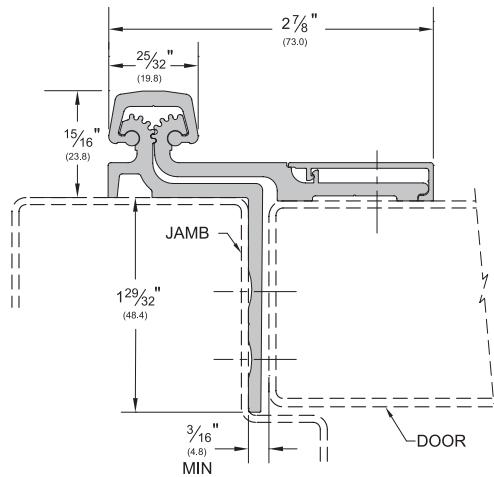


Offset Half Surface

- Replacement snap cover is C1 for Clear Anodized or D1 for Dark Bronze Anodized

OS HS

STANDARD FINISHES: C, D



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

C (Clear Anodized) **D** (Dark Bronze Anodized)

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FULL MORTISE HINGES

- Full-Mortise units are designed mainly for new door applications and are applied to the frame rabbet and door edge to conceal both leaves

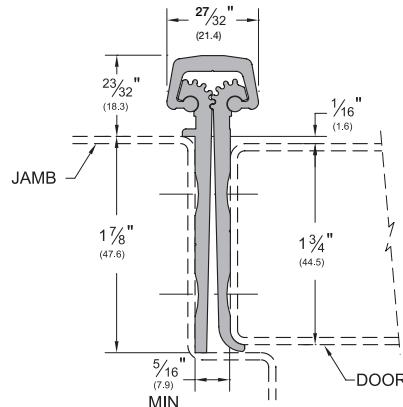
Full Mortise

_FM

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Evaluated in accordance with TAS201-94, TAS202-94, TAS203-94, ASTM E330, ASTM E1886, ASTM E1996, and ANSI A250.13 (includes PemKonnect version)



Modular Hinge Option

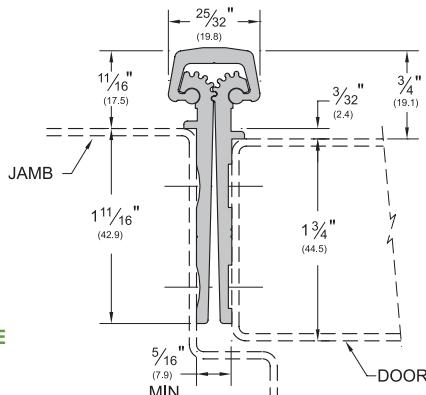
- Hinge is provided in 2 or 3 segments depending on length
- Hinges are packed in a shorter box and are easier to ship, transport, and store than traditional continuous hinges
- Available for select models, see price book for model availability

Full Mortise Short Leaf Inset

- Designed for use with doors which range between $1\frac{3}{4}$ " to $2\frac{1}{4}$ "
- Designed for use with hollow metal doors and frames where the inset conforms to S.D.I. specifications for aligning doors and frames

_FM_SLI

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Evaluated in accordance with TAS201-94, TAS202-94, TAS203-94, ASTM E330, ASTM E1886, ASTM E1996, and ANSI A250.13

Full Mortise Short Leaf Flush

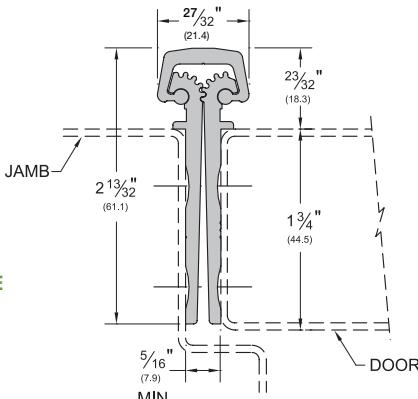
- Designed for use with doors which range between $1\frac{3}{4}$ " to $2\frac{1}{4}$ "
- Also used for bifold applications to keep the faces of the doors flush (not illustrated)

_FM_SLF

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Evaluated in accordance with TAS201-94, TAS202-94, TAS203-94, ASTM E330, ASTM E1886, ASTM E1996, and ANSI A250.13 (includes PemKonnect version)



Modular Hinge Option

- Hinge is provided in 2 or 3 segments depending on length
- Hinges are packed in a shorter box and are easier to ship, transport, and store than traditional continuous hinges
- Available for select models, see price book for model availability

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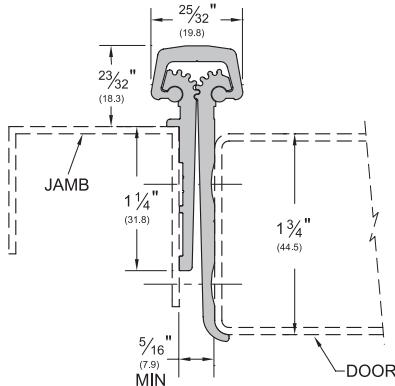
SPECIAL FULL MORTISE HINGES

- Special Full-Mortise units are designed for door and frame applications where the hinge leaf may interfere with the weatherstrip, thermal break, or applied stop of the frame
- Special Full-Mortise hinges are applied to the frame rabbet and door edge to conceal both leaves

Special Full Mortise

SPFM

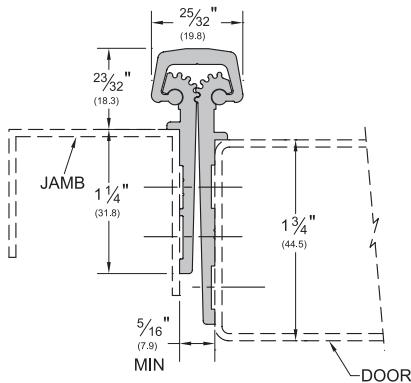
STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Special Full Mortise Short Leaf Inset

SPFM_SLI

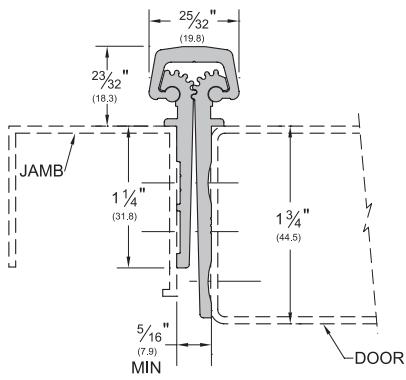
STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Special Full Mortise Short Leaf Flush

SPFM_SLF

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



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FULL MORTISE HINGE

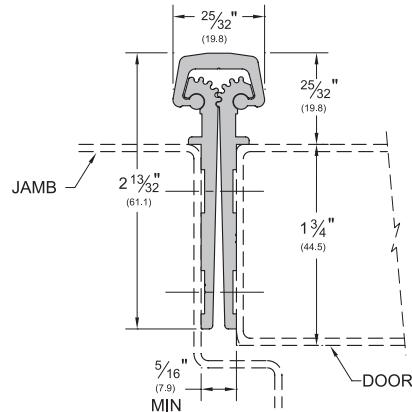
- Like our other Full Mortise units, the Kawneer Hinges are designed mainly for new door applications and are applied to the frame rabbet and door edge to conceal both leaves

- Developed for the Kawneer "Tuffline" series of aluminum doors

Kawneer Full Mortise

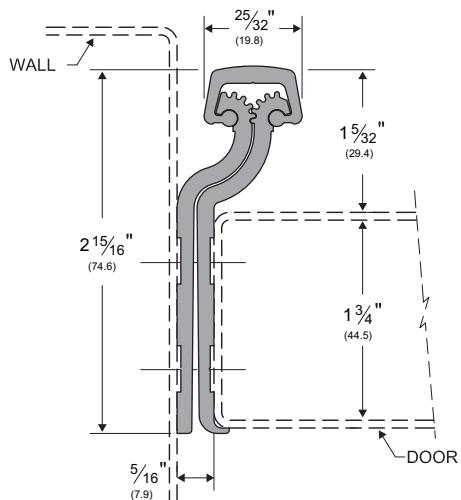
K_FM

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



Raised Gear Hinge

- Designed for wood or metal cased openings when hinge is to be installed deep on the rabbet. The design of the leaves allows for the hinge to pivot without interference from the cap.
- Certain door/frame conditions may require an extra $1\frac{1}{32}$ " to $1\frac{1}{16}$ " clearance. Excessive clearance on fire rated assemblies may violate the requirements of NFPA80
- Heavy duty version available only



Full Mortise Raised Gear

_FM_RG

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



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FULL MORTISE SAFETY HINGE

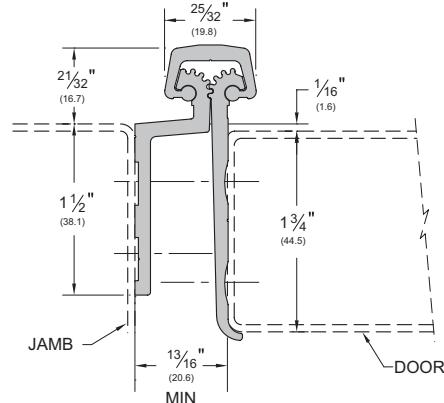
- Full Mortise Safety units are designed mainly for new door applications in child care and nursing facilities
- These hinges require extra clearance and are applied to conceal both leaves

Full Mortise Safety

_FM_SF

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**

BHMA
CERTIFIED

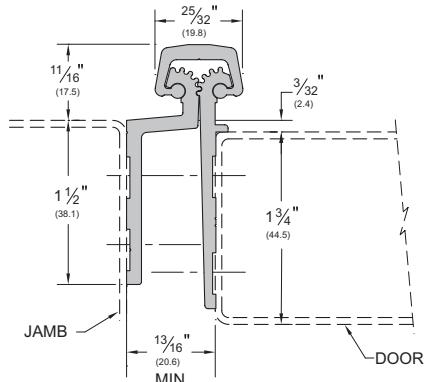


Full Mortise Short Leaf Inset Safety

_FM_SLISF

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**

BHMA
CERTIFIED



Full Mortise Hinge for 1 3/8" Door

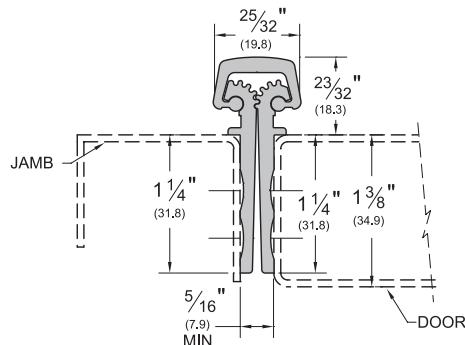
- More bearings than _RS138 hinge to work in commercial grade application
- Shorter leaves for thinner doors

Full Mortise

FM_SLF138

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**

BHMA
CERTIFIED **UL** US **LISTED**
DOOR HINGE 76Y2



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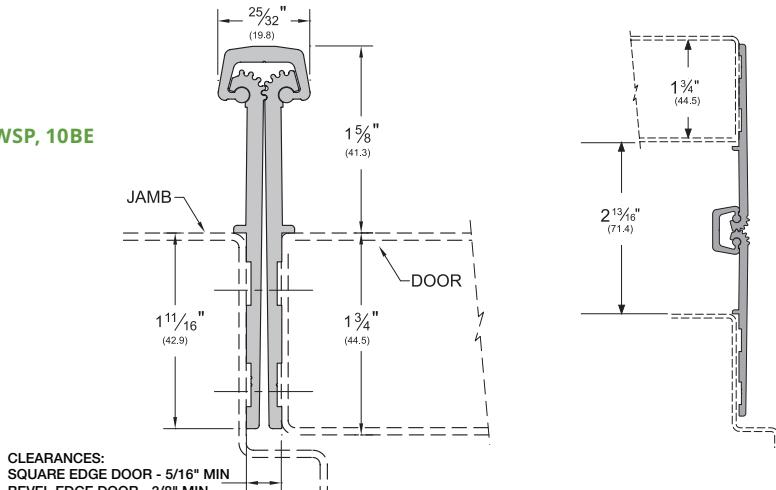
WIDE THROW FULL MORTISE HINGE

- Wide Throw Full Mortise units are designed mainly for new door applications that require extra clearance due to special frame, door or wall design, and are applied to the frame rabbet and door edge to conceal both leaves
- More clearance between the door and frame when door is open 180°
- Available only in heavy duty to support larger doors

Wide Throw Full Mortise

WT_FM

STANDARD FINISHES: **BSP, C, D, SN, WSP, 10BE**



WT_FM in full open position.

WIDE THROW HALF SURFACE HINGE

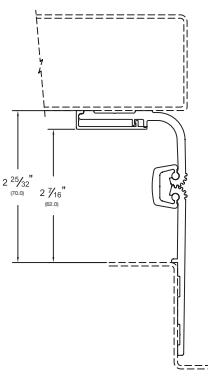
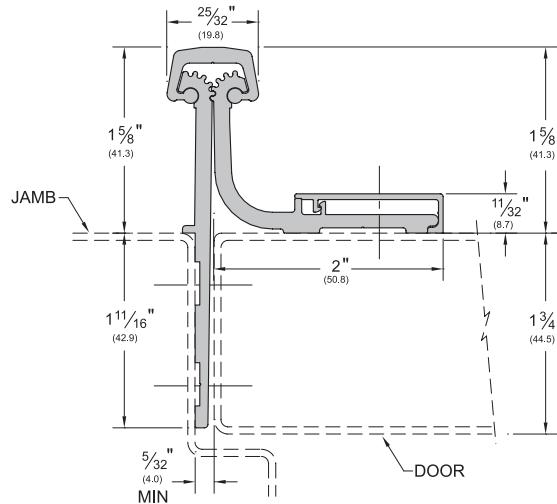
- Wide Throw Half Surface units are designed mainly for retrofit applications that require extra clearance due to special frame, door, or wall design and are applied to the frame rabbet and the exposed door surface

- Wide Throw Half Surface units combine the versatility of the Half Surface unit and the clearance of a Wide Throw hinge into one
- Replacement snap cover is C1 for Clear Anodized or D1 for Dark Bronze Anodized

Wide Throw Half Surface

WT_HS

STANDARD FINISHES: **C, D**



WT_HS in full open position.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE AS INDICATED BY PROFILE
(see General Information section for finish chart)

10BE (Satin Bronze Powder Coated Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **C** (Clear Anodized)
D (Dark Bronze Anodized) **SN** (Satin Nickel Powder Coated Aluminum) **WSP** (White Suede Powder Coated Aluminum)

800-824-3018 | www.pemko.com

Check the web site for the up-to-date catalog

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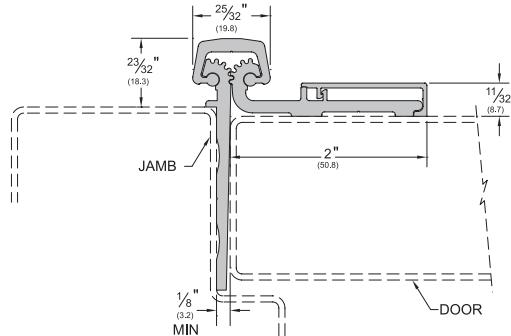
HALF SURFACE HINGE

- Half Surface units are designed mainly for retrofit work, and are applied to the exposed surface of the door and the frame rabbet
- Designed for use with hollow metal frames, where the inset conforms to S.D.I. specifications for aligning doors and frames

Half Surface

HS

STANDARD FINISHES: **C, D**



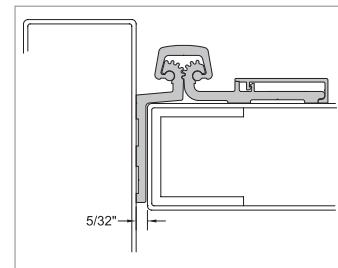
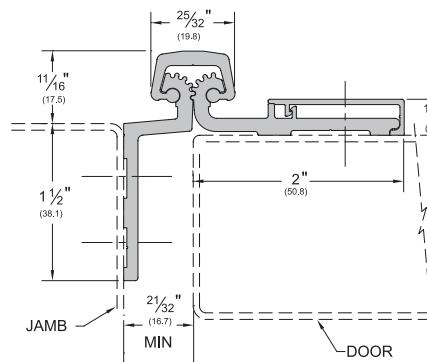
HALF SURFACE SAFETY HINGE

- Half Surface Safety units are designed mainly for retrofit work in child care and nursing facilities and are applied to the exposed surface of the door and the frame rabbet

Half Surface Safety

HS_SF

STANDARD FINISHES: **C, D**



HS_SF in deep frame application is no longer a safety hinge

HALF MORTISE HINGE

- Half Mortise units are designed mainly for retrofit work and are applied to the exposed surface of the frame and the door edge
- Designed to require only $5/32$ " clearance instead of $5/16$ " and also allows for adjustments to properly align edge of the door to the frame face

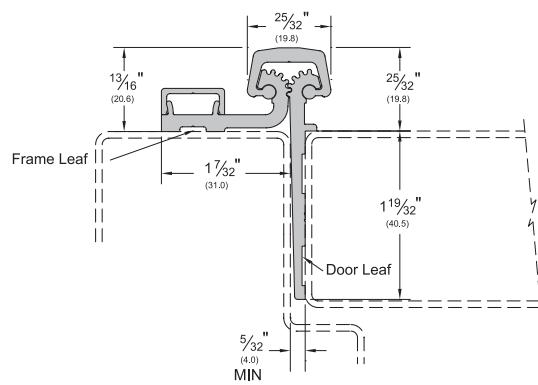
Half Mortise

HM

STANDARD FINISHES: **C, D**



- Replacement snap cover is C29316 for Clear Anodized or D29316 for Dark Bronze Anodized



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
C (Clear Anodized) **D** (Dark Bronze Anodized)

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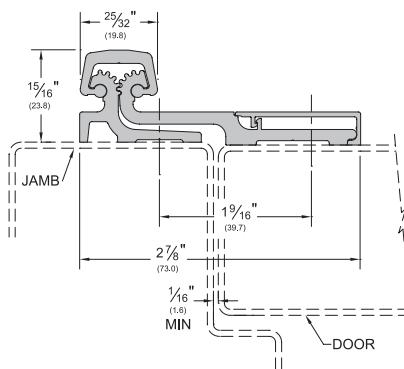
STANDARD FULL SURFACE HINGE

- Full Surface units are designed mainly for retrofit work, and are applied to the exposed surfaces of the door and frame
- Replacement snap cover is C1 for Clear Anodized or D1 for Dark Bronze Anodized

Full Surface

_FS

STANDARD FINISHES: **C, D**



Evaluated in accordance with TAS201-94, TAS202-94, TAS203-94, ASTM E330, ASTM E1886, ASTM E1996, and ANSI A250.13 (PemKonnect version only)

Modular Hinge Option

- Hinge is provided in 2 or 3 segments depending on length
- Hinges are packed in a shorter box and are easier to ship, transport, and store than traditional continuous hinges
- Available for select models, see price book for model availability

FULL SURFACE CENTER PIVOT HINGE

- Full Surface Center Pivot units are designed mainly for retrofit work and are applied to the exposed surfaces of the door and frame
- Full Surface Center Pivot units easily replace butt hinges since no door or frame adjustments are necessary and are more versatile with restricted frame faces

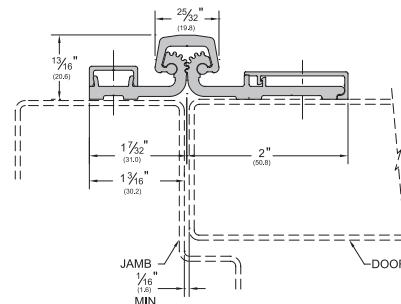
Full Surface Center Pivot

_FS_C_P

STANDARD FINISHES: **C, D**



- Replacement snap cover for door leaf is C1 for Clear Anodized or D1 for Dark Bronze Anodized. Replacement snap cover for frame leaf is C29316 for Clear Anodized or D29316 for Dark Bronze Anodized



Modular Hinge Option

- Hinge is provided in 2 or 3 segments depending on length
- Hinges are packed in a shorter box and are easier to ship, transport, and store than traditional continuous hinges
- Available for select models, see price book for model availability

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
C (Clear Anodized) **D** (Dark Bronze Anodized)

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FULL MORTISE RESIDENTIAL HINGES

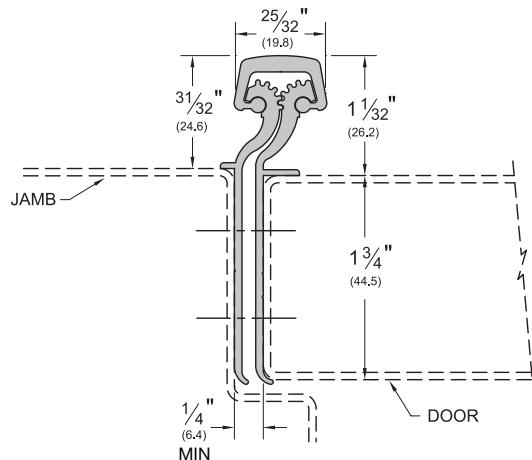
- Full Mortise Residential units are designed mainly for new door and frame applications, and are applied to conceal both leaves

NOTE: All RS series hinges are excluded from the "LIFE OF THE OPENING" guarantee, and instead carry a ten (10) year warranty

RS175

STANDARD FINISHES: **C, D**

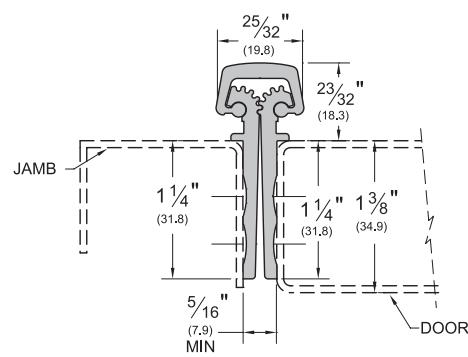
- Designed for $1\frac{3}{4}$ " MAXIMUM thickness with a weight up to 90 lbs.



RS138

STANDARD FINISHES: **C, D**

- Shorter leaves for thinner doors
- Designed for doors $1\frac{3}{8}$ " thick with a weight limit up to 90 lbs.



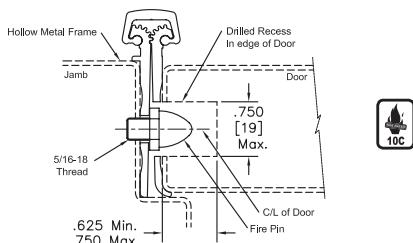
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
C (Clear Anodized) **D** (Dark Bronze Anodized)

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FIREPINS FOR USE WITH 3-HOUR FIRE RATED ASSEMBLIES

- FirePins™ are required to achieve 3-hour fire rating
- Although PemkoHinge® Continuous Hinges carry UL Fire Ratings unequaled in the industry, some applications may require the use of FirePins™
- FirePin™ applications fall within the UL guidelines for retro-fitting assemblies in the field. Expensive shop modifications and door/frame reinforcements are not required
- FirePins™ also add extra security to a door assembly

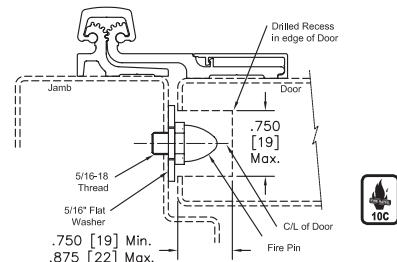
Full Mortise Hinges



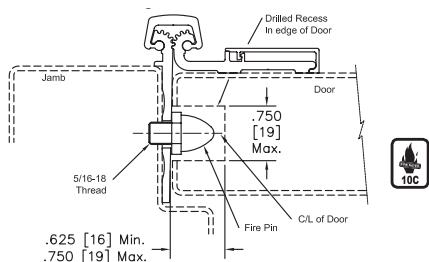
FirePin Locations

- The locations (illustrated right) indicate where holes should be drilled on the hinge edge of the door
- These locations are appropriate for all hinge models (Full Mortise, Full Surface, and Half Surface)

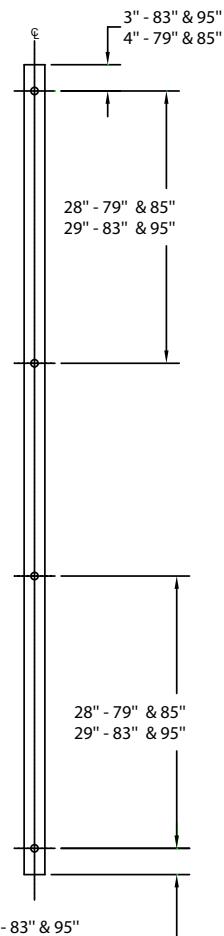
Full Surface Hinges



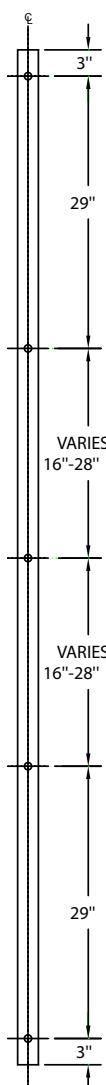
Half Surface Hinges



80" to 95" Hinges



96" to 120" Hinges



DOUBLE SWING HINGE AND EMERGENCY RELEASE STOP

- Innovative healthcare solutions that permits quick door opening in an emergency situation.
- Double Swing Hinge (DSH) has a unique 100° swing and allows the door to swing in either direction
- Emergency Release Stop (ERSBH and ERSMP) allows the door to swing in the opposite direction during an emergency. A security key is provided to release the stop from the locked position.
- The Geared Aluminum Double Swing Hinge DSHP01 is an option to use with Emergency Release Stop. This is not OMH approved.
- When used together, the DSH and ERS create a complete anti-barricade system.
- Order form required, available online.

PEMKO DSH1000 DOUBLE SWING HINGE

Standard Features

Barrel Type Hinge
.250" diameter stainless steel pin (rod)
Medical bearings
Material
6063-T6 aluminum alloy
Finishes
Clear Anodized (628)
Order form required, available online.

Standards
ANSI/BHMA Standard A156.26 Grade 1
Mounting Hardware
12-24 x $11/16$ " Torx Flat Head Undercut TEK Screws
#12-8 Torx Flat Head Particle Board Screw
Capacity
Supports weights up to 600 lbs.
4'0" maximum door width

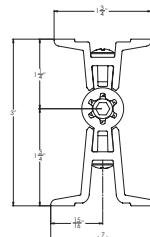
Standard Sizes
7'0", 8'0"
Hole Pattern
Symmetrically templated
Handing
Handing not required
CMS Compliant
Eliminating additional ligature points ensures compliance for reimbursement through CMS (Centers for Medicare and Medicaid Services)

DSH1000

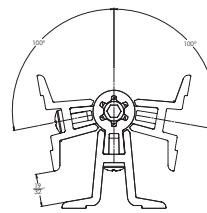
AVAILABLE FINISHES: C

This door edge mounted aluminum pin & barrel type hinge has a unique feature that allows the door to swing in either direction up to 100°. When used in conjunction with Pemko Emergency Release Stop (ERS) provides an anti-barricade system.

Refer to the New York State Office of Mental Health (OMH) Patient Safety Standards for current product compliance.



Door Closed



Door Open 100° Either Direction

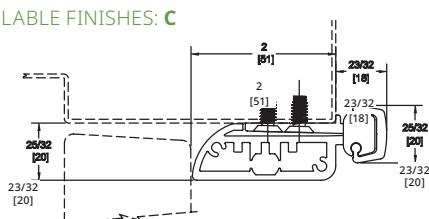
Emergency Release Stop

- Minimum $2\frac{3}{4}$ " backset for hardware trim

NOTE: With $2\frac{3}{4}$ " hardware trim backset, a Notch is required in the ERS to clear the hardware trim. The type of Notch is determined by the manufacturer based on the information provided on the order form.

ERS

AVAILABLE FINISHES: C



- To avoid using an extended lip strike, use a single rabbet jamb on strike side of frame only with cased open header and hinge jamb.
- Refer to the New York State Office of Mental Health (OMH) Patient Safety Standards for current product compliance.

Hinge Size	Opening	Clear Anodized - Left Hand	Clear Anodized - Right Hand
84"	7' 0"	ERSBH84Cx--xHT-LH	ERSBH84Cx--xHT-RH
96"	8' 0"	ERSBH96Cx--xHT-LH	ERSBH96Cx--xHT-RH
120"	10' 0"	ERSBH120Cx--xHT-LH	ERSBH120Cx--xHT-RH
84"	7' 0"	ERSMP84Cx--xHT-LH	ERSMP84Cx--xHT-RH
96"	8' 0"	ERSMP96Cx--xHT-LH	ERSMP96Cx--xHT-RH
120"	10' 0"	ERSMP120Cx--xHT-LH	ERSMP120Cx--xHT-RH

*-- Notch - To be determined based on the information provided on the order form

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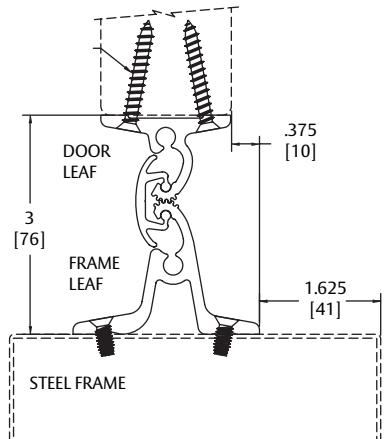
Double Swing Hinge

- Meets the cycle test requirements for ANSI/BHMA A156.26 for Continuous Hinges.

DSH

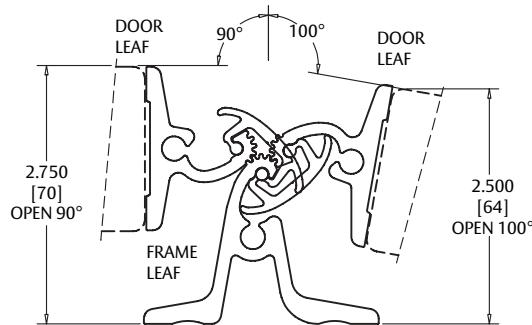
AVAILABLE FINISHES: **C**

- Designed for $1\frac{3}{4}$ " MAXIMUM thickness with a weight up to 250 lbs.



- Meets the barrier free requirements of ICC/ANSI A117.1 and ADAAG (2010)

Hinge Size	Opening	Clear Anodized
84"	7' 0"	DSHP01C-84
96"	8' 0"	DSHP01C-96
120"	10' 0"	DSHP01C-120



NOTE: DSH1000 Pin & Barrel Double Swing Hinge shown on page 95

POWER TRANSFERS

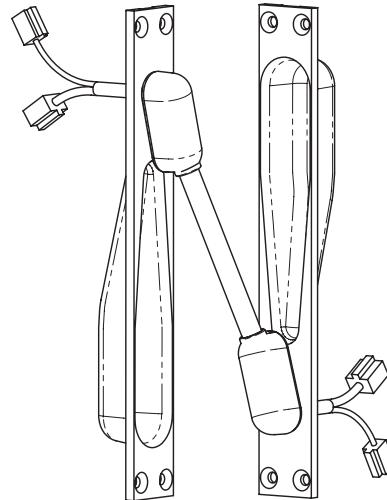
- These Securitron electronic power transfer units fit into doors and frames to transfer power from your power supply to the door-mounted electronic device
- Contact your hinge manufacturer for cutout availability
- Order form required, available online

EL-CEPT

AVAILABLE COLORS:

US32D, US10B

- Mortises into the edges of the door and frame
- Tamper-resistant; no exposed openings
- All metal construction, including backboxes
- $7/8$ " knockouts on back boxes to accommodate EMF-type fitting
- 12-wire configuration with ElectroLynx compatible connectors
- Tested to 1,000,000 cycles
- Will not work on center-hung or balanced doors
- Works with most continuous hinges, up to 6" wide
- UL10B and UL10C listed



EL-EPT

AVAILABLE COLORS:

US2C

- Installs in the door and frame edges
- Flexible steel shield protects wires- $3/8$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges
- Not for use with center pivot doors or with pivot hinges with offset greater than $3/4$ "
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003-Windstorm Resistant



EL-EPTL

AVAILABLE COLORS:

US2C

- Installs in the door and frame edges
- Flexible steel shield protects wires- $3/8$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges
- Not for use with center pivot doors or with pivot hinges with offset greater than $3/4$ "
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003-Windstorm Resistant

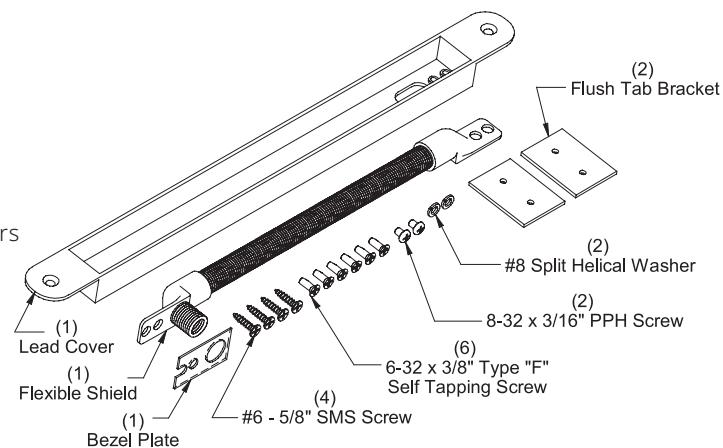


EL-EPT-SC

AVAILABLE COLORS:

US2C

- Installs in the door and frame edges
- Flexible steel shield protects wires- $3/8$ " (9.5mm) I.D.
- New universal device; works with most butt and continuous hinges
- Functions on off-set pivot and swing clear hinged doors
- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003-Windstorm Resistant



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