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PFAS100 PFBG-4		R105IVIR		S44		SINIZUUA SIRLH /SIRRH			
PFBG-4		R1055 R10SSMR		S44 S52		SOFT CLOSE			
PFBG-4		R1055MR R2.25F		S52 S77		SOFT CLOSE SPFM			
PFBG-8	256	R2.25FMR	121	S77	180	SPFM_SLF	12		



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7

ABOUT THE PEMKO PRODUCT LINE

Since 1952, the Pemko name has been known as a key manufacturer in weatherstripping products. Over the years, as an ASSA ABLOY Group brand, we have expanded our product line into a full line of architectural door trim products to include thresholds, fire/smoke gaskets, door bottoms, perimeter gasketing, brush seals, astragals, continuous geared and stainless steel hinges, fire and life-safety products, lites and louvers, and sliding door hardware.

The Pemko product line offers offers sound-tested, smoke-labeled, fire-labeled, skid resistant, and ADA-compliant products, and aggressively pursues new product development to create solutions for new applications and requirements.

Applications

- Energy Efficiency: These products make a complete energy efficient door solution door bottoms, astragals, meeting stiles, brush gasketing, perimeter gasketing, and thermal barrier thresholds.
- Smoke and Fire Gasketing: Hot Smoke Seal[™] is an intumescent fire life-safety product that meets UBC7-2 (proposed UL10C) positive pressure testing. Pemko S88 and S773 silicone seals are also smoke and fire rated gaskets that meet UBC7-2 positive pressure testing and are Category G gaskets for edge sealing systems for use with Category B doors.
- Pemko Acoustic Solutions: As a result of extensive acoustic testing, our gasketing systems are used on openings with STC Ratings from the low-30's and into the mid-50's. Acoustic seal sets have been assembled to better assist with determining an operable rating when a door's sealed-in-place rating is known. See pages 222 to 224 for more info.
- Electrically Modified Pemko Hinges: Continuous geared hinges are designed for commercial doors of all traffic levels and offer many benefits for your opening. All of our commercial-grade continuous geared hinges have the added option for electrical modification. Some of these options allow for electrical modifications to be made without removing the door from the opening.
- ADA-compliant aluminum and rubber ramps provide wheelchair access in public access doorways.
- Sustainability: Products are certified to GREENGUARD GOLD standards for low chemical emissions into indoor air during product usage.

All products in the Pemko line undergo rigorous testing to ensure that they meet or exceed the industry standards. Look for the logos next to the product drawings and see pages 12-13 for more information.

LEED Certification Contribution

ASSA ABLOY can help to achieve prerequisites and accumulate points in several categories and credit areas for LEED. For further information, please call 1-800-824-3018 or refer to our website to view our prepared LEED statement.



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I) & ? & BHMA

Sales & Support

Customer Service Representatives are available from 7am to 7pm Central time at 1-800-824-3018 or visit the website for the current catalogs, sell sheets, and the most up-to-date templates.

There are many items on the Pemko Quick Ship Program that ship within 48 hours. For the most up-to-date information, visit the Accessories WebShop at https://accessories.assaabloy.com/en/accessories. Customers with established Pemko accounts may request an account in WebShop through Pemko's Customer Service Representatives.

Need a Sales Rep?

Pemko is represented by the ASSA ABLOY Door Security Solutions team Contact your local ASSA ABLOY Door Security Solution Representative via e-mail by going to www.assaabloydss.com and clicking on "Sales Support" or call 1-800-DSS-EZ4U (800-377-3948).

Website: www.assaaabloydooraccessories.us Facebook: www.facebook.com/ASSAABLOYARCHIT/ Twitter: @ASSAABLOYARCHIT

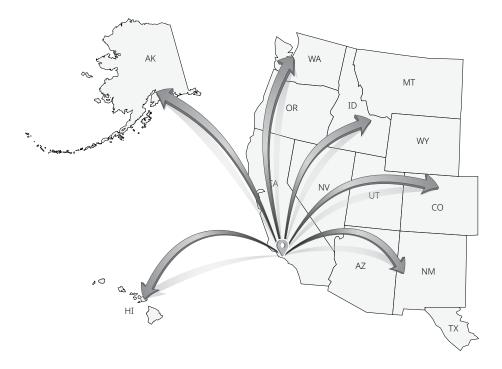
ASSA ABLOY has manufacturing and warehouse locations for the Pemko line in Memphis TN and Ventura CA. Each location offers a Will Call order pickup option for local customers. In Canada, we have a warehouse location in Toronto ON.



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THE WEST COAST STOCKING PROGRAM

In an effort to better serve our customers in the western regions, we have expanded our collection of Pemko products available through our Ventura, California warehouse. Our West Coast Stocking Program includes a wide range of door accessories including thresholds, fire/smoke gaskets, door bottoms, perimeter gasketing, brush seals, astragals, continuous geared hinges, sliding door hardware, and more. All of the items in this catalog as well as their finishes are available in California.





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GENERAL INFORMATION AND TERMS

Terms:

All prices are F.O.B. factory. To customers with satisfactory and / or prior approved credit and account status, terms of 1% 15 days, NET 30 days will be allowed. To open a new Pemko account, please contact your local Door Security Solutions Sales agency. Acceptance of orders and deliveries are subject to our approval.

Credit Card Capabilities:

Visa, Mastercard, Discover, and American Express are accepted (only for established open accounts). Payment terms are NET.

Freight Terms:

For freight policy terms & conditions please click here or see brand price book.

Oversized/Special Packaging:

\$100.00 NET. This will be added to any order not meeting prepaid freight where the product is a) over 10 feet in length, b) a welded threshold assembly, or c) as deemed appropriate to ensure product safety while in transit.

Minimum Order Level:

A surcharge of \$15.00 all will be added to NET orders less than \$100.00 NET.

Returns And Allowances:

No merchandise will be accepted for return or credit unless prior written approval is obtained. Returned merchandise must be of recent sale (6 months), in restockable / resalable quality, size, and condition. A minimum 25% charge plus freight charges will be made for returns. Material that is not in standard stock sizes, is made to special order, has a custom finish, or has been sold at special consideration or closeout is subject to additional charges. Foam tape is not returnable. Adhesive gasket may only be returned within six (6) months from the ship date.

Contact Customer Service for rules and Return Goods Authorization paperwork.

Cancellation Charges:

Cancellation of special order material, non-stock sizes, or special sizes are subject to cancellation charges, based on factory expense and material used.

Guarantee:

Pemko products are guaranteed for five (5) years against defects in material or workmanship, except: 1) PemKote abrasive surface for thresholds is guaranteed for ten (10) years. 2) Polyurethane foam tapes are guaranteed for 90 days. 3) Grade 1 PemkoHinges are guaranteed for the life of the opening against defects in material or workmanship. All other grades of PemkoHinge carry a ten (10) year warranty. 4) Electrical modification performance is guaranteed for one (1) year on Heavy Duty Grade 1 (HDI) and 1100 Series hinges. Electrical modification performance is guaranteed for one (1) year on Standard Duty and Heavy Duty Grade 3 (HD3) hinges. 5) PC Henderson products are guaranteed for two (2) years against defects in material workmanship. 6) Powder Coated finishes are warranted for two (2) years; normal wear is not included in coverage.

Markar Continuous Hinges and Pivots are guaranteed to be free from defects in materials and workmanship for a period of 10 years. Hinges with medical bearings are guaranteed for twenty-five (25) years. Markar Edge Guards and Astragals are guaranteed to be free from defects in materials and workmanship for a period of (1) year. Markar electrical modification performance is guaranteed for five (5) years.

Pemko Manufacturing Co. will not be liable for defects or damages arising from improper installation, product modification, incorrect application or storage of product. Written notice of damages must occur within the warranty period. Liability shall be limited to the replacement of product or component determined to be defective and shall not include costs arising from removal or reinstallation of product. Cost of replacement shall not exceed original purchase price. No other claims will be allowed. In no event shall liability be extended to include punitive, incidental or consequential damages arising from use of Pemko products. This is the sole warranty given by Pemko Manufacturing Co.. No other warranty implied or expressed shall be allowed.

Claims For Shortage Or Damage In Transit:

All claims must be made within ten (10) days of receipt of goods. Purchaser assumes the risk of loss or damage in transit.

Mill Lengths:

Most extrusions are available in mill lengths. Cut lengths over 12 feet are charged as mill lengths.



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GENERAL INFORMATION AND TERMS

Ordering Information:

Please order material by product number, specifying length required per piece and the number of pieces. Most weatherstrips are offered in standard sizes. If it is not practical to furnish the size ordered, the next larger size will be furnished and charged. Thresholds are maintained in standard sizes with $\frac{1}{2}$ " extra length on thresholds thru 47" and 1" extra length for thresholds 48" and longer to allow for fitting and field trim, unless exact net cut size is specified. Cut lengths under 24" will be charged as 24".

Thresholds, perimeter gaskets, astragals, and door bottoms are <u>punched or drilled as standard</u>, unless otherwise specified in this catalog. Material can generally be supplied without holes by stating "No Holes" on the applicable purchase order line.

Thresholds are punched with 12" centers. Thresholds over 8" in width will be punched with a double row. Thesholds are generally supplied with #10 flat head screws. Other fasteners are available on request.

Metal retainers for perimeter gaskets, door bottoms, and astragals are punched with 6" centers.

Non-Stock Finish Information:

Some items shown in this catalog are not stocked in certain finishes (i.e. BDG, G, PW, and SN). 'Batch charges' may be required on non-stock finishes to achieve our normally fast lead times. Contact Customer Service for a quotation and lead time.

Option Tables:

The option tables are provided for selection of other than standard or normal finishes, components, fabrication, or fasteners. Since these are other than standard or normal, please allow for extra lead time for option(s) selected.

Cutting Tolerances:

Elastometric: -0 + 2" (50.8mm) Thresholds (up to 48"): + 1/2" (12.7mm) Thresholds (48" and up): +1" (25.4mm) Net Cut: +/- 0.060, 1/16" (1.5mm) Hinges: +/- 0.032, 1/32" (0.8mm) Automatic Door Bottoms: +/- 0.060, 1/16" (1.5mm)

Orders are subject to acceptance by Pemko Manufacturing Co. All prices and terms are subject to change without notice.

How to Order (Product Number Designations):

When placing your order, please specify the product profile number, finish, insert and size/length. Also make sure to clearly state any special fabrication needs, optional fasteners or custom finishes/sizes required.

Throughout the catalog, products are listed with an underscore (_) where variable finishes are available. More in-depth ordering information for specific lines is available in the individual product sections of the catalog.

Standard Products:

Example: 2005 A T 36 (Shown as 2005_T in catalog)

Profile#:	Finish:	Insert:	Size/Length:
2005 216 297	A SN BDG	T = ThermoSeal PK = PemkoPrene [®] V = Eco-V [™]	
303	А	S=Silicone	84/2 = 2 pieces @ 84"

Adhesive Gasketing Products:

Example: S773 D 21 (Shown as S773_ in catalog)

Profile#:	Finish:	Size/Length:
S773	D	21 = 21' coil
PK55	BL	510 = 510' (bulk packaging)
S88	W	17 = 17' coil

For PemkoHinge® and Modular Ramps, see detailed ordering information in their individual catalog sections.



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MATERIALS AND FINISHES INFORMATION

Metals:

Extruded metal products are made from 6063 aluminum alloy or CDA alloy C38500 architectural bronze (brass). Roll-formed metal products are made from steel, 70-30 yellow brass, or 85-15 red brass. Roll-formed aluminum weatherstripping is produced from various alloys selected for the particular properties required. See finishes information below for all finish designations. If you do not see the option you require, please inquire with our Customer Service Department about the feasibility of a custom finish.

Finish Designations:A-Mill Finish AluminumAK-Mill Finish Aluminum w/PemKote®B-Mill Finish Extruded Bronze (Brass)BK-Mill Finish Extruded Bronze (Brass) with PemKote®BDG-Bright Dip Gold Anodized AluminumBSP-Black Suede Powder CoatC-Clear Anodized AluminumD-Dark Bronze Anodized Aluminum	 G - Gold Anodized or Powder Coated Aluminum PW - Painted White Aluminum S - Cladded Stainless Steel SN - Satin Nickel Anodized or Powder Coated Aluminum SP - Galvannealed Steel SS - Stainless Steel (see individual part for finish) WSP - White Suede Powder Coat Z - Steel Metal 10BE - Satin Bronze Powder Coat
Special Order Finishes:	Powder Coating, Custom - Provide RAL#

Painted Aluminum (any color) Polished Aluminum, Uncoated Polished Bronze, Uncoated

Finish Options:

PemKote® Anodized (clear, dark bronze, black) Polish/Buff Brass Polish/Buff Aluminum Satin Buff Brushed Brass Oxidized & Oil Rubbed L-metal (ANSI/BHMA 722) Oxidized & Oil Rubbed L-metal (custom finish, 609, 613) Oxidized & Oil Rubbed Thresholds (ANSI/BHMA 722) Oxidized & Oil Rubbed Thresholds (custom finish, 609, 613) Oxidized & Oil Rubbed Weatherstrip (ANSI/BHMA 722) Oxidized & Oil Rubbed Weatherstrip (custom finish, 609, 613)

Adhesive Gasketing And Replacement Eco-V[™] Finishes:

BL-Black C - Clear D - Dark Brown GR - Light Gray TAN - Tan W - White

Satin Brushed Aluminum, Uncoated

Satin Brushed Bronze, Uncoated

Oxidized and Oil Rubbed Bronze

Inserts:

Pemko Manufacturing Co. manufactures many products with gasket inserts (seals). See insert information below for all insert (seal) designations. Also, the available inserts (seals) for each individual product are shown adjacent to each individual product.

- E EPDM, Solid
- M Magnetic
- **N** Neoprene or EPDM
- NB Nylon Brush
- P Pile

- PK PemkoPrene®*
- **O** Kerf-in Foam
- R - Sponge Neoprene or EPDM
- SiliconSeal or Sponge Silicone (see V Eco-V[®] S individual part)
- SB Soft Brush
- T ThermoSeal
- TF Triple Foam

*PK: In order to best control our customers' costs some PK (Santoprene™) products may be a silicon based elastomeric material with comparable performance.



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Fabrication Options:

Pemko Manufacturing Co. offers many fabrication options for our products to fit specific job requirements. Please consult our Customer Service Department for details. Custom fabrications are subject to engineering design costs and are quoted on a time and material basis.

Bevel	One Edge	Miter2-1	Double, One End of Threshold	
Cut	Thresho-Sill Nosing Flush	Miter2-2	Double, Both Ends of Threshold	
Leadline	Leadline of Astragals, Door Bottoms	Half Notch	¹ /2", Door Shoe, Both Ends, Drip Only	
Rip	Width	Half Notch	³ /4", Door Shoe, Drip Only, Both Ends	
Tack Weld	One Line	Half Notch	⁵ /8", Door Shoe, Drip Only, Both Ends	
Tab	Welded Tab & Screw	Half Notch	^{9/} 16", Door Shoe, Drip Only, Both Ends	
Support Leg	For Elevated Plates 3" Center to Center	Full Notch	¹ /2", Door Shoe, Both Ends	
L-Notch	Both Ends of Threshold	Weep Holes	All Door Shoes	
U-Notch	Both Ends of Threshold	Custom Hole	s Custom Hole Pattern	
Drill	Thresho-Sill (Add "H" to Prod. #)			
Mill & Drill	Thresho-Sill (Add "M" to Prod. #)	Fabrication	Nations Important Note: Complicated	
Miter1-1	Single, One End of Threshold	Fabrication Options Important Note: Complicated fabrications are quoted based on time and materials		
Miter1-2	Single, Both Ends of Threshold		ire quoted based on time and materials.	

Drawings:

Product drawings throughout the catalog may be a reduced representation/not drawn to scale. They are representations of the product size, dimensions, shape, etc. For scale drawings in PDF or AutoCAD (DWG or DXF) format, please visit our website: www.pemko.com

PRODUCT TESTING/CLASSIFICATION SYMBOLS

These symbols are shown adjacent to products throughout the catalog so that one can readily identify and select products which meet specification and/or code requirements.



GREENGUARD GOLD Certification:

Tested To: UL2818 GREENGUARD GOLD Certified products are certified to GREENGUARD GOLD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or spot.ul.com for Pemko's GreenGuard listing.



Air Infiltration Tested

Tested To: ASTM E-283-04 (2012) Products indicated by this symbol have been air infiltration tested in accordance with the requirements of ASTM E-283 Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.



Sound Tested

Tested To: ASTM E 90-2009

Products indicated by this symbol have been acoustically tested in accordance with ASTM E 90-2009. Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions Tests were conducted by accredited laboratories for acoustic testing. Contact your Door Security Solutions Sales rep or Pemko Customer Service for recommended PEMKOSTCSET kits.



Barrier-Free

Meets Requirements of: ADAAG-2010 (Amended) and ICC / ANSI A117.1-2017

Products indicated by this symbol are access compliant by having installed height differences not over ν_2 " with allowable edge and slope conditions. All ramp products (found in the Modular Ramp section) have ADA compliant 1:12 slopes: Pemko Modular Ramp Thresholds, Rubber Ramp Thresholds and Recycled Rubber Ramps. Contact Pemko Manufacturing or refer to page 14 for recommended Barrier-Free Systems.



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Non-Skid/PemKote[™]

Meets Requirements of: ASTM D 2047, UL 410 & Federal Specifications P-F-430C

PemKote[™] is a rugged abrasive finish of nickel-aluminum composite which is fused to the metal surface by an exothermic reaction. This process produces an aesthetically pleasing skid resistant coating with extremely high bond strength and excellent resistance to oxidation. PemKote[™] carries a TEN (10) YEAR GUARANTEE, and is available on all Pemko line metal thresholds and metal modular ramps. ASSA ABLOY highly recommends the use of PemKote[™] for all Barrier-Free Modular Ramps and as a durable, economical alternative for cast abrasive products.



X

Smoke Tested

Tested To: UL 1784 Meets Requirements of: NFPA 105-2013

Products indicated by this symbol are Listed by WYLE Laboratories as having been tested in accordance with Underwriters Laboratories Inc.[®], Standard UL 1784 Air Leakage Tests of Door Assemblies, and meet the performance criteria for allowable air leakage as specified in NFPA 105-2013 Installation of Smoke Control Door Assemblies.



LISTED

Fire Rated

Products indicated by this symbol are fire rated, classified and listed (U.S.A. and Canada) to meet the requirements/ standards of UL10B, UL10C, and UL10C (Edge Sealing). For a complete listing of fire rated and UL listed products, please refer to the UL Product Directory website, https://iq2.ulprospector.com.



PemkoHinge® Rating:

All hinge models designated with these symbols are tested by Underwriters Laboratories Inc.® (U.S.A. and Canada) to standards UL10B and UL10C for up to a 3-Hour Fire Listing for all 4'-0" x 10'-0" and 8'-0" x 10'-0" door and frame **USTED DOOR HINGE** assemblies. Fire listing certifications apply to all approved hollow metal and wood door assemblies in drywall or **7612** massagery wall construction. Check LIL File #P14745 on the LIL website for a complete and current listing of applic masonry wall construction. Check UL File #R14745 on the UL website for a complete and current listing of applicable PemkoHinge[®] products.

Builders Hardware Manufacturers Association: BHMA

Products indicated by this symbol have been voluntarily submitted to rigid third party testing and follow-up audits to confirm that they fully and continuously meet or exceed the requirements of their underlying ANSI / BHMA Standards. These products are listed in the BHMA Certified Products Directory. They are also posted and frequently updated on the BHMA website at www.buildershardware.com. Pemko products are covered by the following: ANSI / BHMA A156.21 Standard for Thresholds, ANSI / BHMA A156.22 Standard for Door Gasketing Systems, and ANSI / BHMA A156.26 Standard for Continuous Hinges.



UL1S47 - Check UL File #R18375 on the UL website for a complete and current listing of applicable Pemko edge sealing and fire glazing products (not specifically listed by item in this product catalog).



UL4L10 - Check UL File #R14369 on the UL website for a complete and current listing of applicable Pemko line products (not specifically listed by item in this product catalog).



Check Pemko's Category G, Category H and Category J listings on ITS website www.intertek.com for a complete and current listing of applicable Pemko edge sealing, perimeter gasketing and fire glazing products.



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BARRIER-FREE SYSTEMS



Pemko product lines include many products such as modular ramps, thresholds and floor treads, that help you meet the requirements of the Americans with Disabilities Act (ADA) as outlined in the Americans with Disabilities Act Accessibility Guidelines (ADAAG-2010 amended); ICC /ANSI A117.1 Standard Accessible and Usable Buildings and Facilities; any of the various Uniform Building Codes; or state access codes (e.g. California Building Code, Title 24).

The following table shows which products comply with the ADAAG and ICC /ANSI standard and also notes their respective sections.

ICC / ANSI A117.1 (ADAAG)	Pemko Recommendation
 302 (4.5) Floor or Ground Surfaces. 302.1 (4.5.1) General. "shall be slip resistant" <i>Skid resistant.</i> 	 "Slip resistant" PemKote", non-skid surface PemKote" (finish code: "K") is a rugged abrasive finish of nickel-aluminum composite PemKote" provides safety in environments used by youths and people with disabilities For more information, see the Modular Ramps section
302.2 (4.5.3) Carpet. "Exposed edges of carpetshall have trim along the entire length of the exposed edge. Trim shall comply with Section 303"	Note: See Commercial Thresholds section (page 136) for more options.
303 (4.5) Changes in Level	
303.2 (4.5.2) Vertical. "Changes in level of ¹ /4" (6mm) high maximum shall permitted to be vertical"	Note: See Commercial Thresholds section (pages 134-135) for more options
303.3 (4.5.2) Beveled. Changes in level greater than 1/4 inch (6.4 mm) in height and not more than 1/2 inch (13 mm) maximum in height shall be beveled with a slope not steeper than 1:2."	Note: See Commercial Thresholds section (pages 106-129) for more options
303.4 (4.5.2) Ramped. "Changes in level greater than $\frac{1}{2}$ " (13mm) shall be by a ramp complying with Section 405 (4.8)"	 Assemblies accommodate ¹/₂" to 2¹/₄" floor offsets in meeting the 1:12 slope requirements of the "Americans with Disabilities Act" Rubber ramp component assemblies meet the same requirements. Answer the needs of architects, specifiers, building owners, installers, and physically challenged people For use in schools, hospitals, stadiums, offices, restaurants, hotels, airports, and more For complete information, see the Modular Ramps section
404 (4.13) Doors, Doorways and Gates. 404.2.4 (4.13.8) Thresholds. "shall be ½" high maximumshall comply with Sections 302 and 303"	Note: See Commercial Thresholds section (pages 106-129) for more options.
404.2.8 Door and Gate Opening Force - 5lbs. maximum	
405 (4.8) Ramps 405.2 (4.8.2) Slope. "Ramp runs shall have a running slope not steeper than 1:12" (Note: Some exceptions apply to this with respect to existing buildings having space limitations. Consult Pemko for specific applications.)	Note: See Modular Ramp section (pages 142-146) for more options.
504 (4.9) Stairways 504.4 Tread Surface 504.5 (4.9.3) Nosings	Note: See Floor Treads section (pages 132-133) and Floor Molding, Trim section (page 284) for more options.



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ANSI/BHMA

The following interprets ANSI/BHMA numbers which identify material and type of products. For products that meet ANSI/BHMA Standards, look for the BHMA certified logo next to the product in our catalog. For a complete listing refer to the BHMA Certified Products Directory on line at <u>www.buildershardware.com</u>.

American National Standard for Thresholds ANSI/BHMA A156.21 (2019)

1 Product Section "J" Designates Architectural Door Trim, Thresholds

2 Material	3 Configuration	4 Surface	5 Description	6 Description
 Architectural Extruded Brass or Bronze Aluminum Stainless Steel Rubber & similar nonmetallic Other (ie: cast iron, safety abrasive, etc.) 	 Compressing top Flat Saddle Half Saddle Interlocking Rabbeted, Latching/Panic with Gasket Plate Ramped Saddle for Floor Closer None designated 	 Fluted Fluted with abrasive Smooth Smooth with abrasive 	 Applied Stop Applied Stop with gasket Barrier Free Carpet Separator Ends Mitered Expansion Assembly Hook Strip Applied to door Offset Thermal Break None Designated 	 Applied Stop Applied Stop with gasket Carpet Separator Ends Mitered Expansion Assembly Hook Strip applied to door Offset Thermal Break None Designated

Suffix "-HD" designates thresholds meeting Heavy Duty requirements

American National Standard for Door Gasketing and Edge Seal Systems ANSI/BHMA A156.22 (2021)

1 Product Section "R" Designated Gasketing

2 Product Material	l 3 Gasketing Material		4 Product Type	5 Material Application	6 Gasketing Rating
 Brass or Bronze Aluminum Stainless Steel Optional material or none used 	 A. Brush B. Neoprene, solid C. Neoprene, closed cell D. Vinyl/Eco-V[™] E. Silicone Rubber F. Pile G. Thermoplastic Elastomer (TPE) H. Thermoplastic Urethane (TPU) J. Thermoplastic Rubber K. Spring Metal L. Magnetic M. Felt N. Rubber Fabric P. Intumescent Q. Intumescent/Brush 	R. Intumescent/ Neoprene, Solid S. Intumescent/ Neoprene Closed Cell T. Intumescent/Vinyl U. Intumescent/ Silicone Rubber V. Intumescent/Pile W. Intumescent/ Thermoplastic (TPE) X. Intumescent/ Thermoplastic Urethane (TPU) Y. Optional material or none used Z. Intumescent/ Thermoplastic Rubber	 Head and Jamb Head and Jamb, Adjustable Automatic Door Bottom Door Sweep or Shoe Door Sweep or Shoe with Drip Cap Astragal Overlapping Astragal Split or Compensating Astragal Adjustable Rain Drip without gasket Other 	 Door Edge Door Face Door Face, Semi-Mortise Frame Rabbet (surface or mortise) Frame Soffit (H.M.) Frame Stop (W.D.) Frame Face Kerf Stop (H.M.), Stop Face (W.D.) Other 	 Smoke/Energy Performance/ Acoustic Rated Smoke/Energy Performance Rated Smoke/Acoustic Rated Energy Performance/ acoustic Rated Smoke Rated Energy Performance Rated Items not Rated Acoustic Rated

American National Standard for Continuous Hinges ANSI/BHMA A156.26 (2021)

First letter denotes BHMA Product Section (A)

First Numeral-	Second Numeral-	Third Numeral-	Fourth Numeral-	Fifth Numeral-	Second Letter-
Product Material	Type of Product	Electrical Modifications	Door Weight (lbs)	Grade Classification	Hinge Type
1. Brass, Bronze 3. Aluminum 5. Stainless Steel 8. Steel	 Edge Mounted Hinges Half Edge Mounted Hinges Full Surface Hinges Half Surface Hinges Swing Clear Raised Barrel Wide Throw Other 	0. None 1. Concealed Wire Transfer 2. Monitor 3. Power Transfer 4. Other	1. 150 2. 300 3. 600 4. 1200	1. Grade 1 2. Grade 2 3. Grade 3	B. Barrel G. Geared



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MARKAR CONTINUOUS PIN AND BARREL HINGES

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EG308	45	FM600	29	HG305	
EGC308	46	FM900		HG310	
EGT308		FM3500	25	HG311	40
FA68		FS102	51	HG315	41
FA70	57	FS301		HG323	
FA80	57	FS302		HG326	43
FM100		FS402		HG329	
FM200		FS902	53	HG3505	28
FM300		FS910	53	HM304	
FM300WT		FS3501		HS203	
FM300WT		FS3502	27	HS303	

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



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MARKAR CONTINUOUS PIN AND BARREL HINGES

Markar has been a leader in innovative products for the hardware industry since 1969. In 1983, Markar was the first manufacturer to produce an architectural grade, adjustable continuous pin and barrel hinge line, and that innovation continues today with quality continuous hinges and edge guards. Markar leads the industry in development of fire rated continuous hinges with their flagship 300 Series Stainless Steel, 3500 Series institutional grade, and 200 Series cold rolled steel hinges. Building on customer feedback, Markar has developed over 75 standard continuous hinge models providing products for a wide variety of applications and challenges.

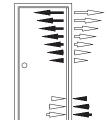
Custom Designs

Whether the need is for a custom color to match a specific palette, hospital tips for patient rooms, hardware cutouts, wide throw models, custom hole patterns, security fasteners, current transfers, monitoring switches, or medical bearings, Markar hinge modifications will enhance the fit and function of an opening. Markar hinges are available in a wide range of finishes including powder coat, anodized (for aluminum), and architectural finishes.

Medical Bearings are Standard

Medical Bearings are standard for all Pin and Barrel hinges. You benefit from this standard offering with permanently lubricated hinges with no metal to metal contact, improving the life and overall function of the hinge.





Most door and frame stress is put on the top of conventional hinge systems.

A continuous hinge spreads the stress along the full length of the door and frame.

WHY CONTINUOUS HINGES?

Did you know that on a door with traditional butt hinges, 70% of the door weight is on the top hinge? The top hinge also bears the brunt of abuse when doors are opened beyond the stop device, resulting in kickback shock and eventual failure of the hinge and damage to the frame. This is why continuous hinges are recommended for heavy doors and for situations where doors are exposed to misuse.

Continuous hinges reduce the factors leading to hinge failure by distributing weight evenly so wear and tear to the frame and door is reduced significantly.

In addition, continuous hinges:

- Increase security and reduce vandalism by preventing insertion of devices between the door and frame
- Ease installation by providing simple alignment of electrical transfers and of monitoring switches
- Reduces air infiltration by creating a complete seal from top to bottom of the door at the hinge jamb

Markar manufactures pin and barrel hinges as well as spring loaded toilet partition pin and barrel models. There are over 75 different models to choose from offering a variety of configurations, options, and materials.



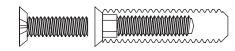
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Markar Continuous Pin and Barrel Hinges

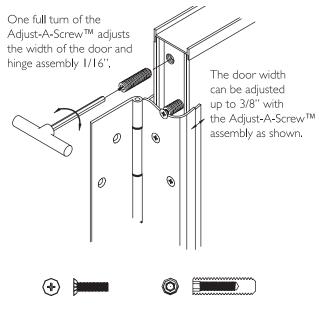
Optional Features

The Unique Adjust-A-Screw™ Fastener

An optional Markar fastener available on Hinge Guard models permits up to ³/₈" width adjustment. Full door length adjustment means doors can be squared accurately and easily in new installations and existing frames can be used in retrofits. Maintenance staff can make future adjustments of the door by re-positioning the Adjust-A-Screw™ Fasteners.



Adjust-A-Screw™ Assembly



Recommended 14 gauge reinforcements on frame and door. If using an adjustable Hinge Guard with Adjust-A-Screw, use 14 gauge reinforcements on frame and 12 gauge reinforcements on door.

For more information, including technical memos, door clearance guides and templates visit https://www.assaabloydooraccessories.us/en/

Exclusive Fiber-Reinforced Polymer Bearings

- Uniquely designed to provide clean and quiet hinge operation
- Self lubricating with high resistance to wear
- Exceeds ANSI/BHMA Grade 1 requirements
- 25 year warranty

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Windstorm Rated Hinges

Windstorm/hurricane testing on Markar continuous hinges was completed with UL and has been reviewed and approved to meet the requirements of the Florida Building Code (FBC). These hinges have passed tests for the following: an Impact Test (TAS 201), Static Load/ Cyclical Test (TAS 202), and a Water and Leakage Test (TAS 203). Markar excelled in all three categories of testing.



Tornado



c(VL)us

Based on this performance, the FBC approved most Markar hinges in the following series:

(Up to openings of 4'0 x 8'0 singles and 8'0 x 8'0 pairs)

- 100 6063-T6 Aluminum
- 200 14 ga. Cold Rolled Carbon Steel
- 300 14 ga. 304 Stainless Steel
- 600 14 ga. 316 Stainless Steel
- 3500 12 ga. 304 Stainless Steel (Security Grade)

Fire Rated Continuous Hinges

Markar Stainless Steel hinges (300 Series and 3500 Series) and carbon steel hinges (200 Series) are available with two labeling options: Underwriters Laboratories Inc. or Warnock Hersey Int'l.

- · 20 minute labeled wood doors
- One and a half hour labeled hollow metal and composite-core wood fire doors
- Three hour labeled hollow metal doors

Maximum Door Opening: Single Doors: 4'0" x 10'0" Pair of Doors: 8'0" x 10'0"



In accordance with UL10C for positive pressure.

Behavioral Health Hinges





STANDARD POWDER COAT FINISHES

Tough, Durable, Long-Lasting

Designed for general purpose interior and exterior use and applications where maximum chemical and solvent resistance is required.

Performance Properties

The data below is based on 24 gauge Bonderite 1000 panels with 1.5 mil to 2.0 mil of high gloss formulation.

Adhesion (ASTM D-3359B): There is no lifting of 1/8" squares of coating between scribed lines in crosshatch adhesion testing using pressure sensitive adhesive backed tape.

Pencil Hardness (ASTM D-3363): 2H – 4H

Flexibility (ASTM D-522 modified): The coating withstands a 180° bend over a $1/4^{\circ}$ diameter mandrel without cracking or loss of adhesion.

Impact Resistance (ASTM D 2794 modified): The coating withstands 160 inch-pound impacts, both direct and reverse, without cracking or loss of adhesion using the standard Gardner impact tester.

Abrasion Resistance (ASTM D-4060 modified): The weight loss of coating after 1,000 cycles on a Taber abraser equipped with CS-10 wheels and operating under a 1 kilogram loading per wheel is on the order of 35 to 50 milligrams.

Salt Spray Resistance (ASTM B-117): Bonderite 1000 steel panels, in a scribed condition, exhibit no undercutting after 1,000 hours in 5% salt spray testing at 95°F and 95% relative humidity. There was no rusting or blistering on the panel face away from the scribe.

Humidity Resistance (ASTM D-2247): Bonderite 1000 steel panels in an unscribed condition exhibit no effect after 1000 hours exposure to 100% relative humidity at 100°F.

Chemical and Solvent Resistance: After 60 days immersion in the test fluid, the following data was obtained for epoxy powder coatings:

15% Hydraulic Acid	No Effect
Lacquer Thinner	No Effect
Dilute "HTH" Pool Chemical	No Effect
15% Sulfuric Acid	Pinhole Rust
15% Caustic Soda	#8 Blisters
Ammonia Hydroxide	#8 Blisters
Petrochloroethylene	No Effect
15% Acetic Acid	#4 Blisters
Gasoline	No Effect

Verification of resistance properties should be made for each chemical or solvent proposed for use with the coating.

Closest US Standard & BHMA Finishes

No minimum quantity.

PC-1	Dark Oxidized Satin Bronze	10BE
PC-2	White Suede	714
PC-3	Black Suede (BSP)	693
PC-4	Aluminum	689
PC-5	Sun Gold	706
PC-6	Light Copper	691
PC-7	Polished Brass	605
	available only on 100 9 3	10 corio

PC-7 available only on 100 & 300 series hinges *NOTE: The PC-7 will have an additional charge for two-step polishing process.

Special Finishes

Polished Aluminum	US26	672		
Polished Stainless	US32	629		
Kynar Paint	With Color Approval			
*NOTE: Additional setup charges will apply.				

Special Anodized Finishes

Gold Anodized	US3	310
Light Bronze Anodized	US9	311
Medium Bronze Anodized		312
Black Anodized	US19	315

Custom Powder Coat Finishes

All RAL Powder Coat finishes available. Sample color chip must accompany order. Priced at time of order.

U.S. Standard & B.H.M.A. Finish Codes

US3	310	gold anodized
US9	311	light bronze anodized
	312	medium bronze anodized
US20A	313	dark bronze anodized
US19	315	black anodized
USP	600	primed for paint
US2G	603	zinc plated
US28	628	clear anodized
US32	629	bright Stainless Steel
US32D	630	satin Stainless Steel
US26	672	bright polished aluminum
US28	689	aluminum paint
US20A	690	dark bronze paint
US10	691	light bronze paint
US19	693	black paint
US4	706	gold paint
	714	white paint



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HINGE NUMBERING SYSTEM

Hinge Prefixes

- EG Edge Guard
- FM Edge Mount
- FS Full Surface
- HG Hinge/Guard
- HM Half Mortise
- HS Half Surface
- SC Swing Clear

Hinge Series

This series number indicates the type of hinge and base material used:

- 100 Aluminum barrel hinges with stainless pin
- 200 Carbon steel barrel hinges with stainless pin
- 300 Stainless steel barrel hinges with stainless pin
- 400 Spring loaded aluminum toilet partition hinge
- 600 14 Gauge 316 stainless steel pin and barrel security hinges
- 900 Spring loaded stainless steel toilet partition hinges
- 1900 Reinforcing pivots
- 3500 12 Gauge stainless steel pin and barrel security hinges

Hinge Models

The last two digits of the model number indicate the application:

- 00 Edge mount (formerly full mortise)
- 01 Full surface, ¹/₈" offset
- 02 Full surface, flush
- 03 Half surface, 1/8" offset
- 04 Half mortise, ¹/₈" offset
- 05 Edge mount hinge/guard
- 06 Half mortise hinge/guard
- 07 Double hinge/guard
- 08 Edge guard
- 09 Full surface, swing clear
- 10 Swing clear hinge/guard
- 11 Edge mount, self aligning
- 15 Edge mount, self aligning flush edge guard
- 21 Full surface inset, ³/₄" offset
- 22 Edge mount hinge/guard, deep
- 23 Edge mount hinge/guard, deep, thru bolt
- 25 Edge mount swing clear
- 26 Edge mount hinge/guard, swing clear
- 27 Edge mount, safety hinge
- 29 Edge mount, self aligning

Other numbers are used for specific applications

Optional Suffixes

- AMS Adjustable Monitoring Switch
- CTP Current Transfer Preparation
- DDP Dutch Door Prep
- EL ElectroLynx[®] Wires (Specify 4, 8, or 12)
- ETAP Electrical Transfer Access Prep
- EPT Electric Power Transfer
- HT Hospital Tip
- LL Lead Lined
- PC Powder Coated
- RB Raised Barrel
- WT Wide Throw
- PoE Power over Ethernet

Hinge Standard Lengths Standard Hinge Length Conversion Chart

A 6'8"	door opening	=	actual length	79 ³ /16"
A 7'0"	door opening	=	actual length	831/8"
A 7'2"	door opening	=	actual length	85 ¹ /8"
A 8'0"	door opening	=	actual length	95"
A 10'0"	door opening	=	actual length	118 ³ /4"

Custom hinge length will be evaluated at the time of request to ensure proper pin to knuckle alignment. Some custom length requests may be adjusted to ensure a proper hinge assembly. Specify handing on all custom hinge lengths.





LEFT HAND



LEFT HAND REVERSE RIGHT HAND



RIGHT HAND REVERSE



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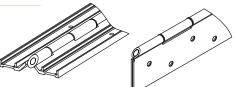
CONTINUOUS HINGE MODIFICATIONS

Special Length

Please specify handing on all custom hinge lengths Some custom lengths may require two cuts due to location of screw holes

Hospital Tip

Available on all models except spring-loaded toilet partition hinges. Handing needed on some models and all cut down lengths. Suffix hinge "-HT" Helps provide a safe, clean environment



FM MODEL SHOWN

FS MODEL SHOWN

Dutch Door Prep

Available on all hinge models Suffix hinge "-DDP" Continuous frame leaf with two-piece door leaf Indicate handing, clearances, door and frame heights, and materials when ordering

Wide Throw

Only available on 300 and 3500 series hinges Markar Custom Hinge Information Form must be filled out Reinforcement may be required on extreme wide throw applications These conditions will be determined through a drawing approval process

Blank

Holes omitted for special applications, such as welded installation Not available on adjustable models

Welded End Pins

End pins are tack-welded and are non-removeable Not available on aluminum, powder coated hinges and 200 series hinges

Plug Weld

Plug welding hole prep

Automatic Door Bottom Cut

Standard "U" shape cut accepts most automatic door bottoms Make and model are needed

Removable Auto Door Bottom Prep (RADBP)

Auto door bottom cut out with cover plate

FMPLATE (FM300, HM304) HGPLATE (HG311, HG315, HG329) HGADJPLATE (HG305, HG310, HG326)FM3500PLATE (FM3500)



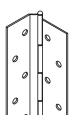
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CONTINUOUS HINGE MODIFICATIONS (CONT.)

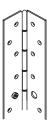


Raised Barrel (Swaged)

Available on all edge mount, half surface, and half mortise models except on aluminum hinges Suffix hinge "-RB" For cased open or center pivot doors

Standard Edge Guard Cut-Outs

The Edge Guard Order form must be filled out to properly locate the hardware cut-outs 47/8" ASA strike 161 latch 161 strike 86 mortise Manual flush bolt Automatic flush bolt Fire bolt



Security Studs

Stainless Steel security studs mounted to the frame leaf Door leaf is drilled to accommodate studs Three studs installed on hinges up to 7'2" Four studs installed on hinges over 7'2" Door and frame must be specially prepared to accommodate security studs

Custom Design

The engineering department will assist you in developing custom applications to solve any of your unique door hinging problems. This includes Sheared Leaf or Custom Hole Pattern modifications. Markar Custom Hinge Information Form must be filled out

Lead Lined (Standard 4 Lbs./SQ.FT.)

Used for X-ray room doors and other locations where radiation leakage could be a problem

Available on surface mounted hinges and Markar EGT308 edge guard



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CONTINUOUS HINGE MODIFICATIONS (Cont.)

EL ElectroLynx[®] Current Transfer

EL4 For 300, 3500, 200, and 100 series edge mount only. 2 wires at 22 gauge and 2 wires at 26 gauge - with ElectroLynx® connectors (4 wire) EL8 For 300, 3500, 200, and 100 series edge mount only. 2 wires at 22 gauge and 6 wires at 26 gauge - with ElectroLynx® connectors (8 wire) EL12 For 300, 3500, 200, and 100 series edge mount only. 2 wires at 22 gauge and 10 wires at 26 gauge - with ElectroLynx® connectors (12 wire)

*We recommend an Electrical Transfer Access Prep (ETAP) with all ElectroLynx® modifications Replacement wire harness available (EL4-REPLKIT, EL8-REPLKIT & EL12-REPLKIT)

PoE (Power over Ethernet) ElectroLynx[®] Power and Data Transfer

PoE for most 3500, 600, 300, 200 and 100 series edge mount continuous hinges- with ElectroLynx® connectors (9 wire). Electrical Transfer Access Prep (ETAP) included.

ETAP Electrical Transfer Access Prep

Cutout prep for the AMS and EL modifications. This allows for easy, one-person access to wiring between the hinge and door

Security Fasteners

Specify Torx or Torx-Pin security fasterners in lieu of standard fasteners Contact factory for compatible models

CTP Current Transfer Prep

Centerline of hinge is standard location Hinge leaf cutout to accommodate Markar's EPT Electric Power Transfer or other manufacturers' power transfer units Please provide center line location (from top of hinge to centerline of prep) and handing for all prep locations - see CTP Form on Page 79 Order form required; available online.

EPT Electric Power Transfer Units

EL-EPTStamped steel, for up to 105° openingEL-EPTLStamped steel, long for 180° openingEL-EPT-SCStamped steel, for swing clear hingesEL-CEPTx32DCast Stainless Steel, satinEL-CEPTx10BCast Stainless Steel, oil rubbed bronze12-Wire with ElectroLynx® connectors standard on all power transfer unitsCTP prep is additional chargeNote: Ordering EPT unit does not constitute CTP prep on hingeOrder form required, available online.

AMS Adjustable Monitoring Switch

Rigid welded assembly gives you the ability to adjust your monitoring switch to work with all applications 300 and 3500 Series Rating: 30v AC/DC .25 amps MAX

We recommend an Electrical Transfer Access Prep (ETAP) with this modification.

ElectroLynx®

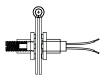
As part of their promise to provide innovative, fast and effective high security solutions to their customers, certain ASSA ABLOY Group brands offer ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY Inc.











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MARKAR 3500 SERIES STAINLESS STEEL PIN & BARREL CONTINUOUS HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 900 lbs. 4'0" maximum door width
- Material to be 12 gauge (.105) Stainless Steel
- · .187" diameter Stainless Steel pin (rod)
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630)
 Optional Finish: US32 Bright Stainless Steel (629),
 Scratch-Resistant Powder Coated Paint.
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Must be able to carry UL label for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- · Symmetrically templated hole pattern

Note: 25-Year Warranty on Continuous Pin & Barrel Hinges Note: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

MARKAR FM3500 EDGE MOUNT SECURITY HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 12 gauge (.105") Stainless Steel Finishes

US32D Satin Stainless Steel (630)

Hospital Tip Standard

Standards ANSI/BHMA Standard A156.26 Grade 1

Hole Pattern Symmetrically templated

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Hole Patterns

Plug weld hole pattern Custom hole pattern

This edge mount pin and barrel type hinge is fabricated with extra-heavy duty components for use on high traffic, high abuse doors. The hinge is specially designed and well suited for correctional facilities and other high security locations using up to 2¹/4" thick swing-type doors. Prison doors, gates, extremely tall doors and extra heavy doors are all good candidates for Markar's 3500 Security Hinge.

Mounting Hardware

Fasteners concealed when door is closed

Custom 12-24 x $^{7\!\prime_{16}}$ S.S Phillips Flat Head Undercut Machine Screw

Capacity

Supports weights up to 900lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0" , 7'2", 8'0", 10'0"

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification

Fasteners

Tamper-proof security screws

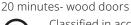
Other Features

Custom lengths - specify in inches Dutch door hinges - suffix "DDP" Raised barrel - suffix "RB" Welded End Pins Security studs

> 3/4 [19]

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite



Classified in accordance with UL10C for positive pressure Fire-rated label

Windstorm

Evaluated in accordance with TAS 201-14, TAS 202-14, TAS 203-14, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13.

Electrical Modifications

Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - "ETAP"

ElectroLynx®

Door Open 180°

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

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Door Closed

PEMKO ASSA ABLOY

MARKAR FS3501 1/8" INSET FULL SURFACE SECURITY HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 12 gauge (.105") Stainless Steel

Finishes

US32D Satin Stainless Steel (630) Hospital Tip Standard

Standards ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware Custom 12-24 x ⁷/₁₆" S.S Phillips Flat Head Undercut Machine Screw

Capacity Supports weights up to 900lbs. 4'0" maximum door width Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Specify handing Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure

Fire-rated label

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

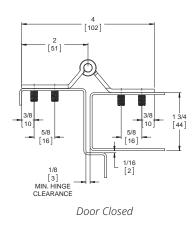
Hole Patterns

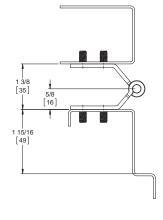
Plug weld hole pattern Custom hole pattern

Fasteners

Tamper-proof security screws Other Features Custom lengths – specify in inches Dutch door hinges – suffix "DDP" Welded End Pins

For ¹/₈" inset doors. This hinge allows for perfect alignment for the retrofitting of doors in correctional facilities and other high security locations using 2" thick swing-type doors. Prison doors, gates, extremely tall doors and extra heavy doors are all good candidates for Markar's 3501 Security Hinge.





Door Open 180°



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MARKAR FS3502 FLUSH FULL SURFACE SECURITY HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Stainless Steel end pins Medical bearings

Material

Heavy-duty 12 gauge (.105") Stainless Steel

Finishes

US32D Satin Stainless Steel (630) Hospital Tip Standard

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Custom 12-24 x 7/16" S.S Phillips Flat Head Undercut Machine Screw

Capacity Supports weights up to 900lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Handing not required on standard hinges Specify handing when ordering a hinge with modification

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

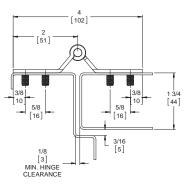
Hole Patterns

Plug weld hole pattern Custom hole pattern

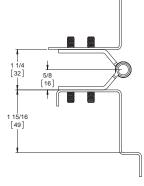
Fasteners Tamper-proof security screws Other Features Custom lengths - specify in inches Dutch door hinges - suffix "DDP" Welded End Pins

This surface-mounted pin and barrel type hinge is fabricated with extra-heavy duty components and designed for solving door sag problems on high traffic, high abuse doors. This hinge is well suited for correctional facilities and other high security locations using 2" thick swing-type doors.

Prison doors, gates extremely tall doors and extra heavy doors are all good candidates for Markar's 3502 Security Hinge.



Door Closed



Door Open 180°



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MARKAR HG3505 ADJUSTABLE HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 12-gauge (.105") Stainless Steel hinge leaves 14 gauge Stainless Steel angle on door leaf

Finishes

US32D Satin Stainless Steel (630) Hospital Tip Standard

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Custom 12-24 x ⁷/₁₆" S.S Phillips Flat Head Undercut Machine Screw

Capacity

Supports weights up to 900lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern

Symmetrically templated

Handing Specify handing



Fire Rating 3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors Classified in accordance with UL10C for

positive pressure Fire-rated label

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Mounting Hardware

Tamper-proof security screws Adjust-A-Screw[™] for correcting alignment problems up to 3/8"



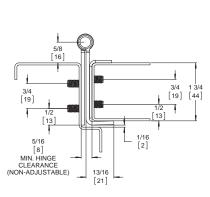
Other Features

Custom lengths - specify in inches Custom hole pattern Dutch door hinges – suffix "DDP" Raised barrel - suffix "RB" Welded end pins Security studs

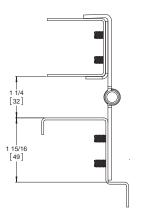
Electrical Modifications

Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" Electronic Transfer Access Prep - suffix "ETAP" ElectroLynx[®] EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours.



Door Closed



Door Open 180°





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MARKAR 600 SERIES STAINLESS STEEL **PIN & BARREL CONTINUOUS HINGES**

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4' 0" maximum door width
- Material to be 14 gauge 316 Stainless Steel
- .187" diameter Stainless Steel pin (rod)
- Exterior barrel diameter .438" (7/16")
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630) Optional Finish: US32 Bright Stainless Steel (629), Scratch-Resistant Powder Coated Paint.
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Must be able to carry Warnock Hersey Int. or UL for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

NOTE: 25-Year Warranty on Continuous Pin & Barrel Hinges NOTE: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

MARKAR FM600 316 SS EDGE MOUNT HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy duty 14 gauge 316 stainless steel

Finishes US32D Satin Stainless Steel (630)

Standards ANSI/BHMA Standard A156.26 Grade 1

Hole Pattern Symmetrically templated

Optional Features

Finishes

Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

This superior corrosion resistant edge mounted pin & barrel hinge is used in high chloride, sodium and sulfurous acid environments. This hinge works well in marine type environments.

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Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws

Capacity Supports weights up to 600 lbs.

4'0" maximum door width Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0"

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification.

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins Security studs.

Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure

Fire-rated label

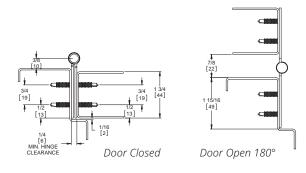
Windstorm

Evaluated in accordance with TAS 201-14, TAS 202-14, TAS 203-14, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13

Electrical Modifications

Adjustable Monitoring Switch - "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP" **ElectroLynx**[®] EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

PoE (9 wire)





MARKAR 300 SERIES STAINLESS STEEL PIN & BARREL CONTINUOUS HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4' 0" maximum door width
 All hinges shall be furnished with manufacturer's
- Material to be 14 gauge Stainless Steel
- .187" diameter Stainless Steel pin (rod)
- Exterior barrel diameter .438" (7/16")
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630) Optional Finish: US32 Bright Stainless Steel (629), Scratch-Resistant Powder Coated Paint.
- recommended hardware pack per specific model application
- Must be able to carry Warnock Hersey Int. or UL for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- · Symmetrically templated hole pattern

NOTE: 25-Year Warranty on Continuous Pin & Barrel Hinges NOTE: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

MARKAR FM300 FDGF MOUNT HINGF

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes

US32D Satin Stainless Steel (630)

Standards ANSI/BHMA Standard A156.26 Grade 1

Hole Pattern Symmetrically templated

Optional Features

Finishes

Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat

Head Undercut TEK Screws

Capacity Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification.

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins Security studs.

Rating

3 hours- hollow metal doors 90 minuteshollow metal and composite core wood fire doors



20 minutes- wood doors Classified in accordance with

UL10C for positive pressure

Fire-rated label Windstorm

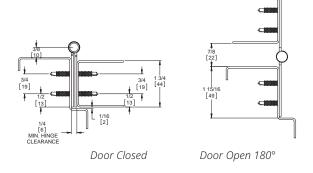
Evaluated in accordance with TAS 201-94, TAS 202-94, TAS 203-94, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13

Electrical Modifications

Adjustable Monitoring Switch - "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP" ElectroLvnx® EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

PoE (9 wire)

This edge-mounted pin & barrel hinge is used on many of today's high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer's job easier. It can be used on both fire labeled and non-labeled openings.





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Markar Continuous Pin and Barrel Hinges

MARKAR FM300WT WIDE THROW EDGE MOUNT HINGES

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Heavy-duty 12 gauge support angles, where applicable

Finishes US32D Satin Stainless Steel (630)

Standards ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Custom 12-24 x ^{11/}16" S.S Phillips Flat Head Undercut TEK Screws Capacity Weight: Consult factory 4'0" maximum door width Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0" Hole Pattern Symmetrically templated

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors



20 minutes- wood doors Classified in accordance with UL10C for positive pressure

Fire-rated label

Optional Features

Finishes Scratch-Resistant Powder Coated Paint Fasteners Tamper-proof security screws

Other Features

Custom lengths-specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Welded end pins Security studs

Electrical Modifications

Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP"

ElectroLynx®

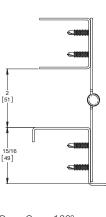
EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

- Available for WT10
- Available only with ETAP for all other WT models; extended lead times apply

This edge-mounted pin & barrel hinge is used on many of today's high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer's job easier. It can be used on both fire labeled and non-labeled openings.

FM300WT10 15/16 [24] 3/4 [19] 3/4 [19] [44] 1/16 MIN. HINGE

Door Closed



Door Open 180°

More profiles on next page

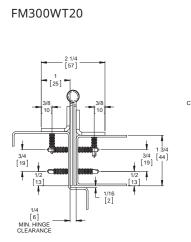


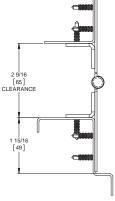
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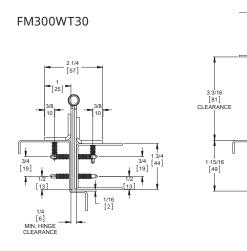
MARKAR FM300WT WIDE THROW EDGE MOUNT HINGES (Cont.)





Door Closed

Door Open 180°

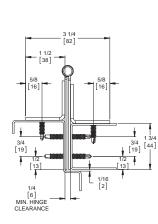


Door Closed

FM300WT50

Door Open 180°

FM300WT40

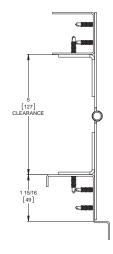




37/8 [98] CLEARANCE

Door Open 180°

314 (a) 5/8 5/8 (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (16) (17)



Door Closed

Door Open 180°

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MARKAR FS301 1/8" INSET FULL SURFACE HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Cover - extruded aluminum

Finishes

US32D Satin Stainless Steel (630) Cover - brushed aluminum

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed underneath aluminum cover ^{1/4}-14 x ^{3/4}" Security TORX TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Handing

Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

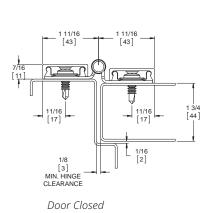
Fasteners

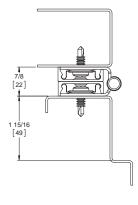
1⁵/8" S.S. sleeve bolts Tamper-proof security screws

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Lead lined covers with 4 lbs. lead lining - suffix "LL" Welded end pins

This surface-mounted pin & barrel continuous hinge can be used to repair or replace existing hinges on both fire labeled and non-labeled doors that have very tight clearances. The hinge has a built-in 1/6" offset to assist in weather seal and sound barrier areas.





Door Open 180°



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MARKAR FS302 FULL SURFACE FLUSH MOUNT

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Cover - extruded aluminum

Finishes

US32D Satin Stainless Steel (630) Cover - brushed aluminum

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed underneath aluminum cover ¹/₄ - 14 x ³/₄" Security TORX TEK Screws Capacity Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

1⁵/8" S.S. sleeve bolts Tamper-proof security screws

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Lead lined covers with 4 lbs. lead lining - suffix "LL" Welded end pins

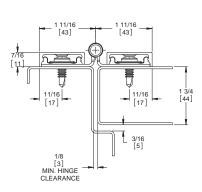
Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors

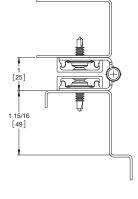


Classified in accordance with UL10C for positive pressure Fire-rated label

This surface-mounted pin & barrel continuous hinge can be used to replace and repair existing hinges on both fire labeled and non-labeled doors. Designed for retrofit market.



Door Closed



Door Open 180°

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MARKAR HS303 HAI F SURFACE HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material Heavy-duty 14 gauge Stainless Steel Cover - extruded aluminum

Finishes US32D Satin Stainless Steel (630) Cover - brushed aluminum

Standards ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed

Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws & 1/4-14 x ³/₄" Security TORX TEK Screws

Capacity Supports weights up to 600 lbs. 4'0" maximum door width

Sizes 6'8", 7'0", 7'2", 8'0", 10'0" Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'0" and for most optional features listed

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure



Fire-rated label

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

1⁵/₈" S.S. sleeve bolts Tamper-proof security screws

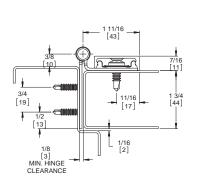
Other Features

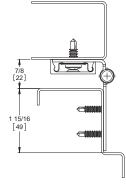
Custom lengths - specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins Lead lined cover with 4 lbs. lead lining - suffix "LL"

Electrical Modifications

Current Transfer Prep (frame leaf only) suffix "CTP"

This half-surface pin & barrel continuous hinge can be used to repair or replace existing hinges on both fire labeled openings. The hinge fits into the gap left after standard butt hinges are removed. It can assist in reversing the handing of a door, or to reverse the swing of a door hung in an evenly-rabbetted frame. (Please consult factory for instructions for unevenly-rabbetted frames.)





Door Closed

Door Open 180°



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MARKAR HM304 HALF MORTISE HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Cover - extruded aluminum

Finishes

US32D Satin Stainless Steel (630) Cover - brushed aluminum

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ^{11/}16" S.S Phillips Flat

Head Undercut TEK Screws & 1/4-14 x 3/4" Security TORX TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint Fasteners

Tamper-proof security screws

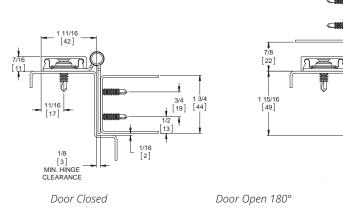
Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins

Electrical Modifications

Current Transfer Prep (door leaf only) - suffix "CTP"

This pin & barrel type hinge is used on wooden doors to hide splits, chips and dents from traffic abuse. The surface mounted frame leaf allows for easy retrofit installation.





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MARKAR HG305 ADJUSTABLE HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes

US32D Satin Stainless Steel (630) Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x 11/16" S.S Phillips Flat Head Undercut TEK Screws

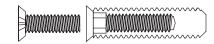
Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Adjust-A-Screw[™] for correcting frame fit problems up to 3/8"



Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

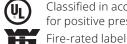
Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure

Windstorm Products is constructed in accordance with Guidelines FEMA 320 & FEMA 361.

Other Features

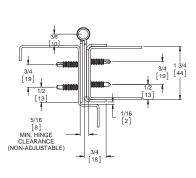
Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins Security studs

Electrical Modifications

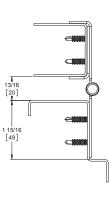
Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP" ElectroLynx[®]

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours. Not only that, but the wrap-around edge guard protects the door from unsightly dents and gouges and will deflect objects, preventing further damage.







Door Open 180°



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MARKAR FS/SC309 FULL SURFACE SWING CLEAR HINGE

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Cover - extruded aluminum

Finishes

US32D Satin Stainless Steel (630) Cover - brushed aluminum

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws & ¹/₄-14 x ³/₄" Security TORX TEK Screws

Capacity Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0" Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

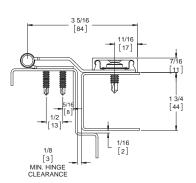
Fasteners

Tamper-proof security screws

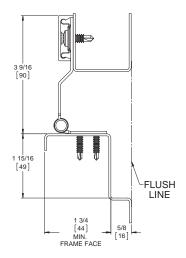
Other Features

Custom lengths- specify in inches Custom hole pattern 1⁵/8" S.S. aluminum sleeve bolts Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Lead lined cover with 4 lbs. lead lining - suffix "LL" Welded End Pins

This hinge is used to ensure that a door opened to a 90-degree angle is removed from the opening. This hinge will mount on a $1^{3}/_{4}$ " face, and is especially useful for ADA upgrade work.



Door Closed



Door Open 90°



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MARKAR HG310 SWING CLEAR ADJUSTABLE HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes US32D Satin Stainless Steel (630)

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x 11/16" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Door Edge

Square hinge edge Recommend Adjust-A-Screw for beveled hinge edge

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

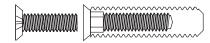
Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws Adjust-A-Screws[™] for correcting frame fit problems up to 3/8"





Custom lengths- specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Welded End Pins

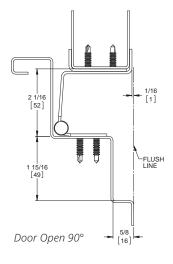
Electrical Modifications

Current Transfer Prep (door leaf only) suffix "CTP" (EL-EPT-SC Power Transfer Recommended)

The ADA-compliant hinge is used on operating room doors to swing the door out of the opening when moving equipment in and out. The hinge guard also protects the door in the open position.

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1 7/8 [48] MIN. FRAME FACE 3/4 [19] [44] [6] MIN. HINGE CLEARANCE (NON-ADJUSTABLE) 3/4 [19] Door Closed



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Markar Continuous Pin and Barrel Hinges

MARKAR HG311 SWING CLEAR HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel **Finishes**

US32D Satin Stainless Steel (630)

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ^{11/}16" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Door Edge

Square hinge edge For beveled hinge edge use HG310

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

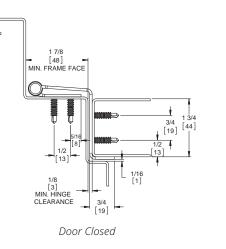
Other Features

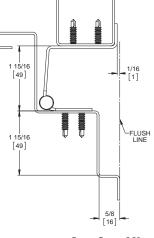
Custom lengths- specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Welded End Pins

Electrical Modifications

Current Transfer Prep (door leaf only) suffix "CTP" (EL-EPT-SC Power Transfer Recommended)

This surface applied swing clear version allows doors to meet ADA requirements. The single wrap protects door edges from cart damage.





Door Open 90°



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MARKAR HG315 EDGE MOUNT HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes

US32D Satin Stainless Steel (630)

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ^{11/16}" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Welded end pins Security studs

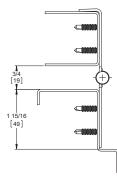
Electrical Modifications

Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP"

ElectroLynx®

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

Featuring our unique edge guard, this economical hinge prevents objects from being placed between the door and frame as well as protects the door's edge while supporting the door's weight along the entire length of the jamb.



Door Open 180°



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MARKAR HG323 EDGE MOUNT HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes

US32D Satin Stainless Steel (630)

Standards ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed

Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws & 1/4-20 x 1⁵/₈ Thru Bolt Stainless Steel

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure Fire-rated label

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Special sheared leaf

Electrical Modifications

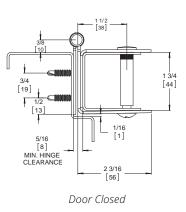
Adjustable Monitoring Switch - suffix "AMS"

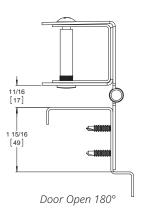
Current Transfer Prep – suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP"

ElectroLynx[®]

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

This extended wrap model allows you to sandwich the door between two leafs of Stainless Steel and through bolt them together. It is ideal where doors have split and you want to save them.







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MARKAR HG326 SWING CLEAR ADJUSTABLE HINGE GUARD

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes US32D Satin Stainless Steel (630)

Standards ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Other Features

Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Welded end pins

The incorporated edge guard protects the door from unsightly dents and gouges while also protecting the hinge from vandalism.

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern Symmetrically templated

Door Edge

Square hinge edge Recommend Adjust-A-Screw for beveled hinge edge

Handing

Fasteners

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Tamper-proof security screws

frame fit problems up to 3/8"

Adjust-A-Screw[™] for correcting

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors

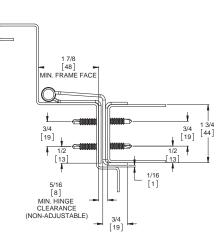


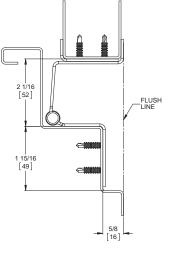
Classified in accordance with UL10C for positive pressure Fire-rated label

Markar Continuous Pin and Barrel Hinges

Electrical Modifications

Current Transfer Prep - suffix "CTP" (EL-EPT-SC Power Transfer Recommended)





Door Closed

Door Open 90°



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MARKAR HG329 SWING CLEAR HINGE GUARD FOR SQUARE EDGE DOOR

Standard Features

Barrel Type Hinge

.187" diameter Stainless Steel pin (rod) Medical bearings Stainless Steel end pins

Material

Heavy-duty 14 gauge Stainless Steel Finishes

US32D Satin Stainless Steel (630) Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ^{11/16}" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Supports weights up to 600 lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0", 7'2", 8'0", 10'0"

Door Edge Square hinge edge For beveled hinge edge use HG326

Hole Pattern Symmetrically templated Specify handing

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors



Classified in accordance with UL10C for positive pressure

Fire-rated label

Optional Features

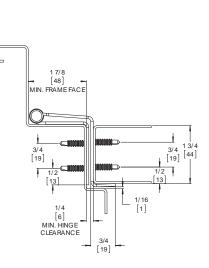
Finishes

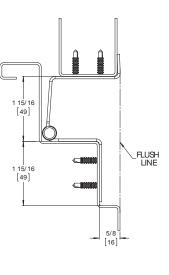
US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint Other Features Custom lengths- specify in inches Custom hole pattern Dutch door hinges- suffix "DDP" Hospital tips - suffix "HT" Welded end pins

Fasteners

Tamper-proof security screws **Electrical Modifications** Adjustable Monitoring Switch - suffix "AMS" Current Transfer Prep - suffix "CTP" (EL-EPT-SC Power Transfer Recommended)

The incorporated edge guard protects the door from unsightly dents and gouges while also protecting the hinge from vandalism.





Door Closed

Door Open 90°



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Markar Continuous Pin and Barrel Hinges

MARKAR EG308 ADJUSTABLE EDGE GUARD

Standard Features

Material Heavy-duty 16 gauge stainless steel Finishes

US32D Satin Stainless Steel (630) Mounting Hardware Fasteners concealed when door

Fasteners concealed when doo is closed

Included fasteners are: Custom 12-24 x $^{11/16}$ " S.S Phillips Flat Head Undercut TEK Screws Custom 12-24 x $^{11/2}$ " S.S. Phillips Flat

Head Particle Board Screws Order form required, available

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint Hardware Cutouts (Edge Guard order form must be filled out) Flush bolts ASA strike Deadlock strike and latch 86 edge Hospital latch 161 cutout online. **Standard Sizes** 6'8", 7'0" ,7'2", 8'0", 10'0" Door Edge Specify square or beveled

edge when ordering

(beveled edge standard)

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors

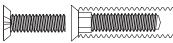


Fire-rated label

MAY NOT APPLY TO ALL WOOD DOORS. PLEASE CONSULT FACTORY FOR SPECIFIC WOOD DOOR APPLICATIONS.

Fasteners

Tamper-proof security screws Adjust-A-Screw™ for correcting frame fit problems up to ³/8"



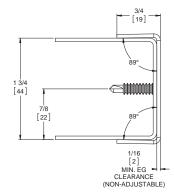
Other Features

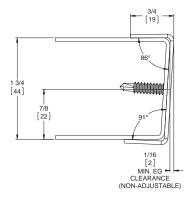
Custom lengths - specify in inches Staggered hole pattern for lead lined doors

Custom cutouts

Dutch door application - suffix "DDP"

This fire-labeled edge guard is used in conjunction with the HG305 Hinge/Guard for a balanced aesthetic look. It also provides protection for the leading edge of the door.





Square edge door

Bevel edge door



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MARKAR EGC308 SINGLE RETURN EDGE GUARD

Standard Features

Material

Heavy-duty 16 gauge stainless steel

Finishes

US32D Satin Stainless Steel (630)

Mounting Hardware

Fasteners concealed when door is closed Included fasteners are: Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws Custom 12-24 x 1¹/₂" S.S. Phillips Flat Head Particle Board Screws Order form required, available online.

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Hardware Cutouts

(Edge Guard order form must be filled out) Flush bolts ASA strike Deadlock strike and latch 86 edge Hospital latch 161 cutout

Standard Sizes

6'8", 7'0", 7'2", 8'0", 10'0" Door Edge Specify square or beveled edge when ordering (beveled edge standard)

Fire Rating

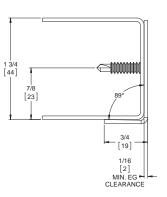
3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors

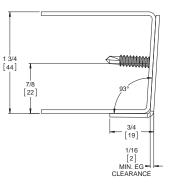


MAY NOT APPLY TO ALL WOOD DOORS. PLEASE CONSULT FACTORY FOR SPECIFIC WOOD DOOR APPLICATIONS.

Fasteners Tamper-proof security screws Other Features **Custom lengths - specify in inches** Staggered hole pattern for lead lined doors **Custom cutouts** Dutch door application - suffix "DDP"

This fire-labeled edge guard works with the HG315 Hinge/Guard. It provides protection to the leading edge of the door, while maintaining the door's aesthetic appearance in the closed position.





Square edge door





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MARKAR EGT308 ADJUSTABLE EDGE GUARD WITH ASTRAGAL

Standard Features

Material

Heavy-duty 16 gauge stainless steel Finishes

US32D Satin Stainless Steel (630)

Mounting Hardware

Fasteners concealed when door is closed Included fasteners are: Custom 12-24 x $^{11}/_{16}$ " S.S Phillips Flat Head Undercut TEK Screws Custom 12-24 x $^{11}/_2$ " S.S. Phillips Flat Head Particle Board Screws Order form required, available online.

Optional Features

Finish

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Hardware Cutouts

(Edge Guard order form must be filled out) Flush bolts ASA strike Deadlock strike and latch 86 edge Hospital latch 161 cutout Standard Sizes 6'8", 7'0" ,7'2", 8'0", 10'0"

Door Edge Specify square or beveled edge when ordering (beveled edge standard)

Fasteners

Tamper-proof security screws

frame fit problems up to 3/8"

Adjust-A-Screw[™] for correcting

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite 20 minutes- wood doors

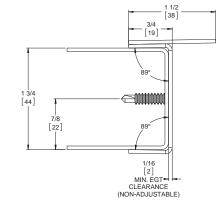


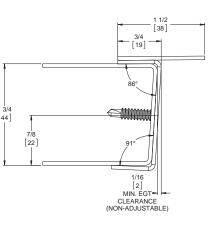
MAY NOT APPLY TO ALL WOOD DOORS. PLEASE CONSULT FACTORY FOR SPECIFIC WOOD DOOR APPLICATIONS.

Other Features

Custom lengths - specify in inches Staggered hole pattern for lead lined doors Custom cutouts Dutch door application - suffix "DDP" Lead lined astragal with 4 lbs. lead lining – suffix "LL"

The integral overlapping astragal of the EGT308 provides additional security by protecting the latch protector. It is ideal for exterior pairs of doors or doors that require added protection from vandalism.





Square edge door

Bevel edge door



Markar Continuous Pin and Barrel Hinges

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MARKAR 200 SERIES CARBON STEEL PIN & BARREL CONTINUOUS HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4'0" maximum door width
- Material to be 14 gauge 1012 carbon steel
- .187" diameter stainless steel pin (rod)
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Zinc Plated
 Optional Finish: Scratch-Resistant Powder Coated Paint
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Must use undercut head screws
- Must be able to carry Warnock Hersey Int. or UL fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

Note: 25-Year Warranty on all Continuous Hinges

Note: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames

MARKAR FM200 EDGE MOUNT HINGE

Standard Features

Barrel Type Hinge

.187" diameter stainless steel pin (rod) Medical bearings Stainless steel end pins

Material

Heavy-duty 14 gauge 1012 carbon steel

Finishes

Zinc Plated

Standards ANSI/BHMA Standard A156.26 Grade 1

Optional Features

Finish

Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

This edge-mounted pin & barrel hinge is used on many traffic, high abuse interior doors. The hinge works well in locations that used anchor hinges, pivot reinforced hinges, or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges. It can be used on both fire labeled and non-labeled openings.



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Mounting Hardware

No exposed mounting fasteners Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Supports weights up to 600lbs. 4'0" maximum door width

Standard Sizes 6'8", 7'0" ,7'2", 8'0", 10'0"

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification

Other Features

Custom lengths - specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB"

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite core wood fire doors 20 minutes- wood doors

Classified in accordance with



UL10C for positive pressure Fire-rated label



Evaluated in accordance with TAS 201-14, TAS 202-14,

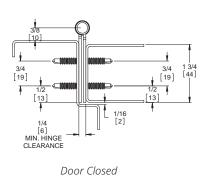
TAS 203-14, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13

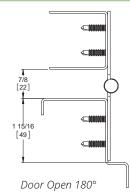
Electrical Modifications

Current Transfer Prep (frame leaf only) - suffix "CTP"

ElectroLynx®

EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)





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MARKAR HS203 HALF SURFACE

Standard Features

Barrel Type Hinge

.187" diameter stainless steel pin (rod) Medical bearings Stainless steel end pins

Material

Heavy-duty 14 gauge 1012 carbon steel Cover - extruded aluminum

Finishes

Zinc Plated Cover - Mill Finish

Standards

ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware

No exposed mounting fasteners Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws 1/4-14 x 3/4 Security TORX TEK Screws

Capacity

Supports weights up to 600lbs. 4'0" maximum door width

Standard Sizes

6'8", 7'0" ,7'2", 8'0", 10'0"

Hole Pattern

Symmetrically templated

Handing

Not required for standard 7'0", 8'0" or 10'0". Specify handing for 6'8" and 7'2" and for most optional features

Fire Rating

3 hours- hollow metal doors 90 minutes- hollow metal and composite

20 minutes- wood doors



Classified in accordance with UL10C for positive pressure



Fire-rated label

Optional Features

Finishes

Scratch-Resistant Powder Coated Paint Fasteners 15/8" steel sleeve bolts Tamper-proof security screws

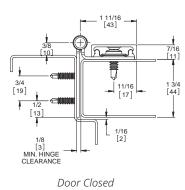
Other Features

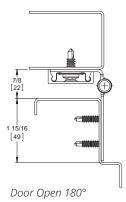
Custom lengths - specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Raised barrel - suffix "RB" Lead-lined cover with 4 lbs. lead lining - suffix "LL"

Electrical Modifications

Current Transfer Prep (frame leaf only) - suffix "CTP"

This half-surface pin & barrel continuous hinge can be used to repair and replace existing hinges on both fire-labeled and nonlabeled openings. The hinge fits into the gap left after standard butt hinges are removed. It can assist in reversing the handing of a door, or to reverse the swing of a door hung in an evenly-rabbetted frame. (Please contact the factory for instructions for unevenlyrabbetted frames.)







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Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4'0" maximum door width
- Material to be extruded aluminum 6063-T6 alloy
- .187" diameter stainless pin (rod)
- Each knuckle 2", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Clear Anodized (628), Dark Bronze Anodized (313) Optional Finish: Light Bronze Anodized (311), Black Anodized (315), Scratch-Resistant Powder Coated Paint. Other finishes available upon request.
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Exterior barrel diameter .515" (1/2")
- Material thickness less than .125
- Material weight will be no less than 1.5 lbs. per foot
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 2
- Symmetrically templated hole pattern

Note: 25-Year Warranty on all Continuous Pin & Barrel Hinges

MARKAR FM100 EDGE MOUNT HINGE

Standard Features

Barrel Type Hinge

.187" diameter stainless steel pin (rod) Medical bearings Aluminum end pins

Material 6063-T6 aluminum alloy

Finishes Clear Anodized (628)

Dark Bronze Anodized (313)

Optional Features

Finishes

Light Bronze Anodized (311) Black Anodized (315) Scratch-Resistant Powder Coated Paint Standards ANSI/BHMA Standard A156.26 Grade 2

Mounting Hardware

Fasteners concealed when door is closed Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat

Head Undercut TEK Screws

Capacity Supports weights up to 600lbs. 4'0" maximum door width

Other Features

Custom lengths - specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT"

Standard Sizes

6'8", 7'0", 7'2", 8'0" Hole Pattern Symmetrically templated

Handing

Handing not required on standard hinges. Specify handing when ordering a hinge with modification

Windstorm

Evaluated in accordance with TAS 201-14, TAS 202-14, TAS 203-14, ASTM E330, ASTM E1886, ASTM E1996 and ANSI A250.13.

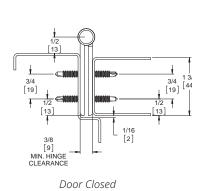
Electrical Modifications

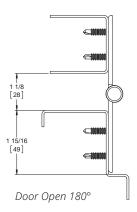
Current Transfer Prep - suffix "CTP" Electrical Transfer Access Prep - suffix "ETAP" ElectroLynx[®] EL4 (4 wire), EL8 (8 wire), EL12 (12 wire) PoE (9 wire)

This door-edge mounted aluminum pin & barrel type hinge is extruded using 30% more aluminum than most geared hinges, giving it exceptional strength and durability. This product is specified in lieu of pivots or butt hinges due to its unique design which distributes the weight of the door down the entire length of the hinge.



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MARKAR FS102 FULL SURFACE FLUSH MOUNT HINGE

Standard Features

Barrel Type Hinge

.187" diameter stainless steel pin (rod) Medical bearings Aluminum end pins

Material 6063-T6 aluminum alloy

Finishes Clear Anodized (628) Dark Bronze Anodized (313) Standards

ANSI/BHMA Standard A156.26 Grade 2 **Mounting Hardware** Fasteners concealed when door is closed ¹/₄-14 x ³/₄" Security TORX TEK Screws **Capacity** Supports weights up to 600lbs. 4'0" maximum door width Standard Sizes 6'8", 7'0", 7'2", 8'0" Locking Security Covers Brushed aluminum finish

Handing Not required for standard 7'0" or 8'0". Handing required for 6'8" and 7'0" and for most optional features listed

Optional Features

Finish

Light Bronze Anodized (311) Black Anodized (315) Scratch-Resistant Powder Coated Paint

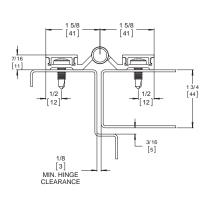
Fasteners

1⁵/₈" aluminum sleeve bolts Tamper-proof security screws

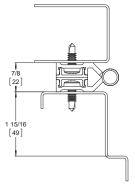
Other Features

Custom lengths - specify in inches Custom hole pattern Dutch door hinges - suffix "DDP" Hospital tips - suffix "HT" Lead lined cover with 4 lbs. lead lining - suffix "LL"

For flush-mounted doors. This surface-mounted pin & barrel type continuous hinge is for flush-mounted doors for solving your door sag problems. This unit works well on all types of aluminum, wood and hollow metal door applications. The hinge also features tamper-resistant cover caps to prevent vandalism or break-ins.



Door Closed



Door Open 180°



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MARKAR 900 SERIES SPRING LOADED PIN & BARREL TYPE CONTINUOUS STAINLESS STEEL HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 80 lbs. 3'0" maximum door width
- Material to be 14 gauge stainless steel
- Patented .25" diameter 303 stainless steel self closing pin assembly
- Exterior barrel diameter .438" (7/16")
- · Adjustable, tamper resistant Torx Head end caps
- Each knuckle 2", including split nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: US32D Satin Stainless Steel (630) Optional Finish: US32 Bright Stainless Steel (629)
- Non-Handed
- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Removable roll pin for spring loaded adjustment
- Symmetrically templated hole pattern

Note: 10-Year Warranty

MARKAR FM900 EDGE MOUNT

Standard Features

Spring-Loaded Barrel Type Hinge .25" diameter stainless steel pin with stainless steel spring mechanism Torx tip cap to adjust spring tension Split nylon bearings

Material

Heavy-duty 14 gauge stainless steel Finishes US32D Satin Stainless Steel (630)

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint Torx Adjusting Screw Adjust tension on door to close tightly for out-swinging ADA compliance

Mounting Hardware Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws Capacity

Close door weighing up to 80 lbs.

Sizes 54", 57" Non-Handed Use the same hinge for right- or left-handed doors For Doors over 3'0" consult factory

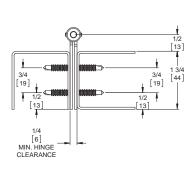
USA patent no. 4823437 Canadian patent no. 1303804

Fasteners Tamper-proof security screws

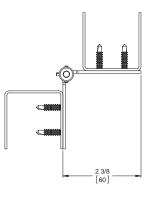
Other Features

Custom lengths -Custom sizes 24" to 72" available Custom hole pattern

Ideal for damp or corrosive environments, Markar's stainless steel toilet partition hinge adds years of life to your high-quality partition.



Door Closed



Door Open 90°



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MARKAR FS902 FLUSH FULL SURFACE HINGE

Standard Features

Spring-Loaded Barrel Type Hinge .25" diameter stainless steel pin with stainless steel spring mechanism Torx tip cap to adjust spring tension Split nylon bearings

Material

Heavy-duty 14 gauge stainless steel Covers - extruded aluminum

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Ideal for damp or corrosive environments, Markar's stainless steel toilet partition hinge adds years of life to your high-quality partition.

Finishes

US32D Satin Stainless Steel (630) Covers - Brushed Aluminum

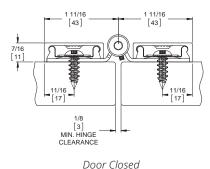
Torx Adjusting Screw Adjust tension on door to close tightly for out-swinging ADA compliance

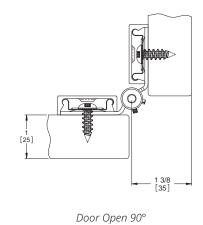
Mounting Hardware

¹/₄" x 20 pan head pan head machine screws Concealed by cover caps

Other Features

Custom lengths - Custom sizes 24" to 72" available Custom hole pattern





MARKAR FS910 FLUSH FULL SURFACE HINGE

Standard Features

Spring-Loaded Barrel Type Hinge .25" diameter stainless steel pin with stainless steel spring mechanism Torx tip cap to adjust spring tension Split nylon bearings

Material

Heavy-duty 14 gauge stainless steel

Optional Features

Finishes

US32 Bright Stainless Steel (629) Scratch-Resistant Powder Coated Paint

Fasteners

Tamper-proof security screws

Finishes

US32D Satin Stainless Steel (630) Torx Adjusting Screw Adjust tension on door to close tightly for out-swinging ADA compliance

Mounting Hardware Custom 12-24 x 11/16" S.S Phillips

Flat Head Undercut TEK Screws

Other Features

Custom lengths -Custom sizes 24" to 72" available Custom hole pattern

Ideal for damp or corrosive environments, Markar's stainless steel toilet partition hinge adds years of life to your high-quality partition.

Capacity

Capacity

Sizes

54", 57"

factory

Non-Handed

left-handed doors

Close door weighing up to 80 lbs.

Use the same hinge for right- or

For Doors over 3'0" consult

Canadian patent no. 1303804

USA patent no. 4823437

Close door weighing up to 80 lbs.

Sizes

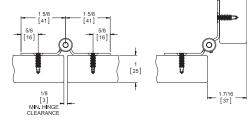
54", 57"

Non-Handed Use the same hinge for right- or left-handed doors

For Doors over 3'0" consult factory

USA patent no. 4823437

Canadian patent no. 1303804



Door Open

Door Open



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MARKAR 400 SERIES SPRING LOADED PIN & BARREL TYPE CONTINUOUS ALUMINUM HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 80 lbs. 3'0" maximum width
- Material to be extruded aluminum 6063-T6 alloy
- Patented .25" diameter 303 stainless steel self closing pin assembly
- Each knuckle 2", including split nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Clear Anodized (628). Other finishes available upon request.
- Adjustable, tamper resistant Torx Head end caps Non-handed
- Exterior barrel diameter .515" (1/2")
- Material thickness less than .125"
- Removable roll pin for spring loaded adjustment
- Symmetrically templated hole pattern

Note: 10-Year Warranty

MARKAR FM400 EDGE MOUNT HINGE

Standard Features

Spring-Loaded Barrel Type Hinge .25" diameter stainless steel pin with stainless steel spring mechanism Torx tip cap to adjust spring tension Split nylon bearings

Material 6063-T6 aluminum alloy

Finishes

Clear Anodized (628) Torx Adjusting Screw Adjust tension on door to close tightly for out-swinging ADA compliance

Mounting Hardware Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws

Capacity

Close door weighing up to 80 lbs. Sizes 54", 57" Non-Handed Use the same hinge for right- or left-handed doors For Doors over 3'0" consult factory USA patent no. 4823437 Canadian patent no. 1303804

Optional Features

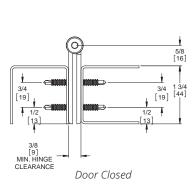
Fasteners Tamper-proof security screws

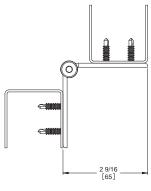
Finishes Scratch-Resistant Powder Coated Paint Light Bronze Anodized (311) Black Anodized (315)

Other Features

Custom lengths - Custom sizes 24" to 72" available Custom hole pattern Lift-up safety feature

Specify Markar to create the total finished look that your high-quality toilet partition deserves. The Markar continuous spring hinge gives a clean, finished look while virtually eliminating the "sight line" that multi-part systems cause. Continuous hinges also give complete support along the entire length of the partition door.





Door Open 90°

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MARKAR FS402 FLUSH FULL SURFACE HINGE

Standard Features

Spring-Loaded Barrel Type Hinge .25" diameter stainless steel pin with stainless steel spring mechanism Torx tip cap to adjust spring tension Split nylon bearings

Material

6063-T6 aluminum alloy Covers - extruded aluminum

Finishes

Clear Anodized (628) Torx Adjusting Screw Adjust tension on door to close tightly for out-swinging ADA compliance **Mounting Hardware** ^{1/4}" x 20 pan head pan head machine screws Concealed by cover caps

Capacity

Close door weighing up to 80 lbs. Sizes

54", 57" Non Handa

Non-Handed Use the same hinge for right- or left-handed doors For Doors over 3'0" consult factory USA patent no. 4823437 Canadian patent no. 1303804

Optional Features

Fasteners Tamper-proof security screws

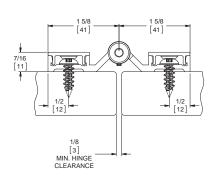
Finishes

Scratch-Resistant Powder Coated Paint Light Bronze Anodized (311) Black Anodized (315)

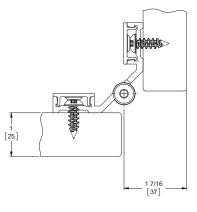
Other Features

Custom lengths - Custom sizes 24" to 72" available Custom hole pattern Lift-up safety feature

Specify Markar to create the total finished look that your high-quality toilet partition deserves. The Markar continuous spring hinge gives a clean, finished look while virtually eliminating the "sight line" that multi-part systems cause. Continuous hinges also give complete support along the entire length of the partition door.



Door Closed



Door Open 90°



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MARKAR B1923 FULL SURFACE REINFORCING PIVOT

This full-surface reinforcing pivot adds years of life to openings where the hinges or hinge reinforcements have failed. An economical way to solve door sag problems, reinforcing pivots take the load off the top hinge and transfer it to screws that will not pull out.

Material:

Heavy Duty 3/16" (.187) Cold-Rolled Steel

Finish:

Zinc Plated (US2G)

Mounting:

8 ea. $\frac{1}{4}$ -20 x $\frac{3}{4}$ " Phillips flat head machine screws 8 ea. #14 x $\frac{11}{4}$ " Phillips flat head sheet metal screws 2 ea. $\frac{1}{4}$ -20 x $\frac{13}{4}$ " Sleeve bolts

Capacity:

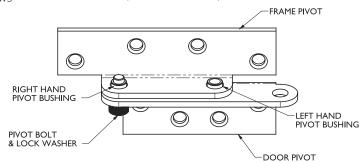
Supports Weights up to 300 lbs.

Hole Pattern:

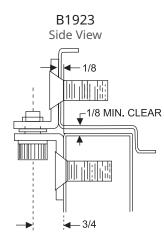
Symmetrically

Handing:

Non-handed



(RIGHT HAND SHOWN)





B1923

The B1923 pivot is designed with a ${}^{3}{}^{4}$ " offset to match the pivot point of a ${}^{4}{}^{\prime}{}^{\prime}$ wide butt hinge.

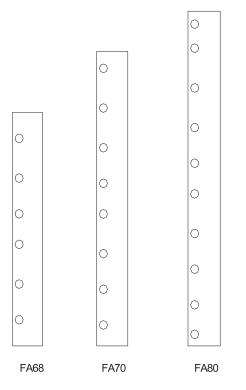


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Markar Continuous Pin and Barrel Hinges

MARKAR FLAT ASTRAGALS

- For 6'8", 7'0", and 8'0" doors
- Holes are countersunk and equally spaced
- 1/8" x 2" galvannealed steel
- 1-pkg. # 6 x 1" F.H.S.M. screws
- Finish galvannealed steel
- Available with thru-bolt option– nine-pack (ZTB-KIT9) or eleven-pack (ZTB-KIT11)





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MARKAR UNIVERSAL SCREW PACKS - EDGE MOUNT HINGES

For hinge models FM100					
	Aluminum	Bronze	6'8"-7'0"-7'2'	' 8'0"	10'0'
	TKS1267SP10SS	TKS1267SP10BLR	42	46	54
For hinge models FM200, FM300, HG311, HG315, HG329,	FM600				
Screw type	Stainless Steel	6'8"	-7'0"-7'2"	8'0"	10'0"
12-24 x ¹¹ / ₁₆ " Phillips flat head undercut self-drilling Tek screw	TKS1267SP10SS	42		46	54
For hinge/guard models HG305, HG310, HG326,					
Screw type	Stainless S	teel 6	8"-7'0"-7'2"	8'0"	10'0"
12-24 x $^{\scriptscriptstyle 11/_{16}}$ " Phillips flat head undercut self-drilling Tek screw	TKS1267SP	910SS 4	-2	46	54
Adjust-A-Screw™ option	Stainless St	eel 6	8"-7'0"-7'2"	8'0"	10'0"
10-32 x ${}^{3/_4}$ " Phillips flat head undercut machine screw	MS10075SS	5 2	.1	23	27
1³⁄ଃ" Adjust-A-Screw™ with 10-32 internal thread	M26-0031-0	01 2	1	23	27
For hinge/guard model HG323					
Screw type	Stainless Stee	el 6'	8"-7'0"-7'2"	8'0"	10'0"
12-24 x ^{11/} 16" Phillips flat head undercut self-drilling Tek screw	TKS1267SP10	SS 2	1	23	27
¹ / ₄ -20 X ³ / ₄ " Truss Head Phillips machine screw	MS14075TSS	9		9	11
¹ / ₄ -20 x 1 ⁵ / ₈ " sleeve bolt	TB1420SS	9		9	11
For edge/guard models EG308, EGC308, & EGT308					
Screw type	Stainless S	teel 6'8	"-7'0"-7'2"	8'0"	10'0"
#12 x $1^{1/2}$ Phillips flat head undercut sheet metal screw	PBS12150S	P10SS 8		10	12
#12-24 x $^{11/16}$ " Phillips flat head undercut self-drilling Tek Scre	w TKS1267SP	10SS 8		10	12
For security hinge models FM3500, FS3501, & FS3502					
Screw type	Stainless S	teel 6'8	"-7'0"-7'2"	8'0"	10'0"
12-24 x 7/16" flat head undercut machine screw	MS1244SP	10SS 42		46	54



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MARKAR UNIVERSAL SCREW PACKS – FULL SURFACE HINGES

For models FS102					
Screw type	Aluminum	Bronze	6'8"-7'0"-7'2"	8'0"	10'0"
^{1/} 4-14 x ³ /4 Torx pan head self-drilling Tek screw	TORX-TKS14075R	TORX-TKS14075R	32	36	40
#8 x ^{3/} 4" Phillips flat head Tek screw	TKS8075Z	S323-08R12-663	4	4	4
For models FS301 & FS302					
Screw type	Stainless Steel		6'8"-7'0"-7'2"	8'0"	10'0"
$^{1\prime_{4}}$ -14 x $^{3\prime_{4}}$ " Torx pan head self-drilling Tek screw	TORX-TKS14075R		32	36	40
606 Cover clips	M22-0130-01		10	12	16
#8 x ³ /4" Phillips flat head Tek screw	TKS8075Z		4	4	4
For swing clear model FS/SC309					
Screw type	Stainless Steel		6'8"-7'0"-7'2"	8'0"	10'0"
12-24 x $^{11/16}$ " Phillips flat head undercut self-drilling Tek screw	w TKS1267SP105	S	22	24	28
$^{1/4}$ -14 x $^{3/4}^{\prime\prime}$ Torx Phillips pan head self-drilling Tek screw	TORX-TKS1407	75R	16	18	20
606 Cover clips	M22-0130-01		5	6	8
#8 x ³ /4" Phillips flat head Tek screw	TKS8075Z		2	2	2

UNIVERSAL SCREW PACKS - HALF SURFACE & HALF MORTISE HINGES

For hinge models HS203				
Screw type	Stainless Steel	6'8"-7'0"-7'2"	8'0"	10'0"
^{1/} 4-14 x ³ /4" Torx pan head self-drilling Tek screw	TORX-TKS14075R	14	16	20
12-24 x $^{11}\!\prime_{16}$ " Phillips flat head undercut self-drilling Tek screw	TKS1267SP10SS	21	23	27
606 Cover clips	M22-0130-01	5	6	8
#8 x ^{3/} 4" Phillips flat head sheet metal screw	TKS8075Z	2	2	2
For hinge models HS303 & HM304				
Screw type	Stainless Steel	6'8"-7'0"-7'2"	8'0"	10'0"
¹ / ₄ -14 x ³ / ₄ " Torx pan head self-drilling Tek screw	TORX-TKS14075R	14	16	20
12-24 x ${}^{3/_{16}}$ " Phillips flat head undercut self-drilling Tek screw	TKS1267SP10SS	21	23	27
606 Cover clips	M22-0130-01	5	6	8
#8 x ^{3/} 4" Phillips flat head sheet metal screw	TKS8075Z	2	2	2



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MARKAR UNIVERSAL SCREW PACKS - TOILET PARTITION HINGES

For hinge models FM400			
Screw type	Stainless Steel	54"	57"
12-24 x $^{11}\prime_{16}$ " Phillips flat head undercut zinc self-drilling Tek screw	TKS1267SP10SS	26	26
³ / ₃₂ " x ³ / ₈ " Stainless Steel roll pin	RLPN33238SS	1	1
For hinge model FS402			
Screw type	Stainless Steel	54"	57"
$^{1/_{4}}$ -14 x $^{3/_{4}}$ " Torx button head sheet metal screw	TORX-TKS14075R	12	12
#8 x ³ /4" TORX flat head self-drilling Tek screw	TORX-TKS8075Z	4	4
³ / ₃₂ " x ³ / ₈ " Stainless Steel roll pin	RLPN33238SS	1	1
For hinge models FM900			
Screw type	Stainless Steel	54"	57"
#12-24 x $^{11\!\prime_{16}}$ Phillips flat head undercut self-drilling Tek screw	TKS1267SP10SS	26	26
³ / ₃₂ " x ³ / ₈ " Stainless Steel roll pin	RLPN33238SS	1	1
For hinge model FS902			
Screw type	Stainless Steel	54"	57"
$^{1/_{4}}$ -14 x $^{3/_{4}}$ " Torx button head sheet metal screw	TORX-TKS14075R	12	12
606 Cover clips	M22-0130-01	6	6
#8 x ³ /4" TORX flat head self-drilling Tek screw	TORX-TKS8075Z	4	4
³ / ₃₂ " x ³ / ₈ " Stainless Steel roll pin	RLPN33238SS	1	1
For hinge models FS910			
Screw type	Stainless Steel	54"	57"
#12-24 x $^{11}\!\prime_{16}$ " Phillips flat head undercut self-drilling Tek screw	TKS1267SP10SS	26	26
³ / ₃₂ " x ³ / ₈ " Stainless Steel roll pin	RLPN33238SS	1	1



Markar Continuous Pin and Barrel Hinges

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MARKAR FASTENERS

	Product Number	Description	Properties
		Custom 12-24 x $^{11}\!\prime_{16}$ " Phillips Flat Head Undercut Self-Dri	lling Screw
(TKS1267SP10SS	For attaching Edge Mounted hinge leaves	Stainless Steel Phillips
	TORX-TKS1267SP10SS	For attaching Edge Mounted hinge leaves	Stainless Steel Torx
		#8 x ³ /4" Flat Head Self Drilling Tek Screw	
	TKS8075Z	For attaching 100, 200, and 300 series covers	Zinc Phillips
	S323-08R12-663	For attaching 100, 200, and 300 series covers	Bronze Phillips
$\bigcirc \bigcirc$	TORX-TKS8075Z	For attaching 100, 200, and 300 series covers	Zinc Torx
		Custom #12 x 11/2" Flat Head Undercut Particle Board Sc	rew
*******	PBS12150SP10BLR	For edge mounting to wood	Bronze Phillips
	PBS12150SP10SS	For edge mounting to wood	Stainless Steel Phillips
	TORX-PBS12150SP10SS	For edge mounting to wood	Stainless Steel Torx
Tannannan		Custom 12-24 x 7/16" Flat Head Undercut Machine Screw	
	MS1244SP10SS	Used with 3500 series hinges for mounting to metal	Stainless Steel Phillips
	TORX-MS1244SP10SS	Used with 3500 series hinges for mounting to metal	Stainless Steel Torx
accounterstances		10-32 x ³ / ₄ " Flat Head Machine Screw	
	MS10075SS	Used with Adjust-A-Screw	Stainless Steel Phillips
(\clubsuit)	TORX-MS10075SS	Used with Adjust-A-Screw	Stainless Steel Torx
	TORA-M31007555	Used with Aujust-A-screw	Stalliess Steel Torx
П		¹ / ₄ -20 x 1 ⁵ / ₈ " Sleeve Bolt	
	TB1420SS	For surface mounting to wood	Stainless Steel
		10-24 Security Button Head Barrel Nut	
		For surface mount toilet partition hinges	
	M26-0030	Consult factory for pricing and availability	Stainless Steel
		10-24 x ³ /4" Button Head Security Torx	
		For surface mount toilet partition hinges	
	TORX-BHMS1075SS	Consult factory for pricing and availability	Stainless Steel



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MARKAR FASTENERS

	Product Number	Description	Properties
		18 SJN ¹ / ₄ -20 Molly Jack Nut	
	M26-0015-02	^{7/} 16" hole	Zinc
		1 ³ / ₈ " Adjust-A-Screw™ with 10-32 Internal Thread and Hex H	Head Adjustment
\bigcirc	M26-0031-01	Used with MS10075SS screw	
		Note: ^{5/} 16" pilot hole required for ³ /8" - 16 tap	
	TORX-TKS14075R	$^{1/_{4}}$ -14 x $^{3/_{4}}$ " T-27 Torx Button Head Sheet Metal Screw	Ruspert Coat Torx
	S222-416R16-603	¹ /4-20 x 1" Pan Head Machine Screw For surface mounting to metal	Zinc Phillips
		MT-T20, 27, & 15 Torx Driver Bit	
	TORXBIT20	Used on TORX-MS1244SP10SS, TORX- PBS12150SP10SS and TORX-MS10075SS	
	TORXBIT27	Used on TORX-TKS14075R16 and to adjust 400 and 900 series spring-loaded hinges	
		Knurl Pin	
	RLPN33238SS	Replacement pin for spring-loaded toilet partition hinges	



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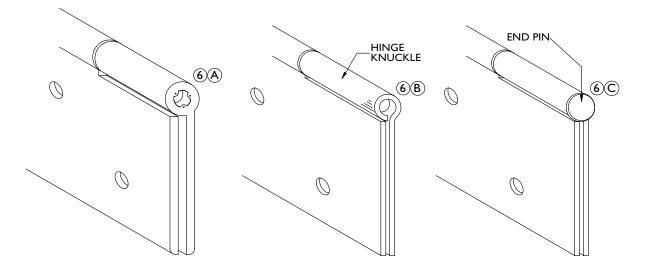
CUTTING PIN & BARREL HINGES TO CUSTOM LENGTHS

- Step 1 The following instructions will apply to all Markar pin and barrel hinges except for toilet partition hinges. The general instructions apply for the 100, 200, 300 and 3500 series hinges. Follow option
 A for specific directions related to 100 series aluminum hinges and option
 B or C for specific directions related to 200, 300 series steel and stainless steel hinges.
- Step 2 Determine the amount the hinge needs to be shortened. Note the hand of the hinge before beginning to lay our your cut. All cuts should be done at the bottom of your hinge assembly so that the gang hole pattern is at the top.

 Step 3 Measure from the top of the hinge down and mark a cut line at the desired length.
 For 200, 300 & 3500 series hinges, follow the instructions below

- If less than ³/₄" of knuckle is remaining follow option B
- If ³/₄" or more of knuckle is remaining follow option C

- Step 4 Cut the hinge to length with a hacksaw or horizontal band saw, going through each hinge leaf, barrel and rod. If necessary, use a file to remove shart edges and deburr.
- Step 5 Slide the stainless steel rod out approximately 1" making sure the assembly stays together as one unit.
 - **A B** Remove ¹/₄" from the rod using hacksaw and then push back into it's original position.
 - **C** Remove ³/₄" from the rod using a hacksaw and then push back into it's original position.
- Step 6 Follow instructions below based on option used.
 - A Using a hammer and a center-punch, swage the aluminum material towards the center of the hole locking the hinge pin into place making sure it will not slide out.
 - **B** Using a pair of vice-grips, crimp the end of the steel barrel making sure the hinge pin will not slide out.
 - **C** Remove the end of the pin from the scrap hinge and insert it into the bottom of hinge using hammer.





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64

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PemkoHinge®

Continuous Geared Aluminum Hinges

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

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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)

FINISHES LENGTHS **HINGE TYPES HINGE OPTIONS** CAPACITY 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 Clear Anodized HS Half-Surface 85 RG Raised Gear HD3 Heavy Duty, Grade 3 Dark Bronze Anodized RS138 Full-Mortise Residential: 13/8 95 SF Safety Gold Powder Coat Full-Mortise Residential: 13/4" RS175 120 SL Short Leaf (residential only) Satin Nickel Powder Coat Special Full-Mortise Short Leaf Flush SPFM SI F Short Leaf Inset WSP White Suede Powder Coat * WT FM Wide Throw Full-Mortise SLI 10BE Satin Bronze Powder Coat * WT HS Half-Surface

*Only available on select profiles

BL

С

D

G

SN

66



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Example: D| SPFM | 85 | SLI | HD1

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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.

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

Hospital Tip

correctional facilities.

A special modification is available for certain hinges which

leaving no opening. A 45° angled cut on the gear cap and

leaf covers provides a safe environment for hospitals and

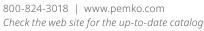
HOSPITAL TIP DETAIL

C

provides a Hospital Tip Cap at the top of the gear cap,

UL Fire Labeled 11/2 & 3 Hour Listed to Book Hinge 7642

- 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 1¹/₂-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 36¼," from the top, right hand, you would order a CFM83 with QC4 at 36¼," 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:

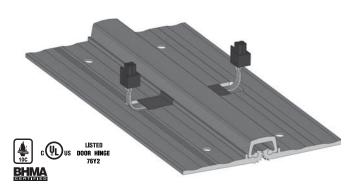
• Specify handing and prep location

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	QC4 4 WIRE	Quick Connect QC4_S Transfer For 4 WIRE
Transfer For Full Mortise	QC8 8 WIRE	Full Surface QC8_S (FS) & ^{8 WIRE}
(FM) Hinges	QC12 12 WIRE	Half Surface QC12_S (HS) Hinges 12 WIRE

Additional Electrical Modifications Options Code			
Additional Length of Quick Connect Cable Le	ads		
Adjustable Concealed Magnetic Monitoring	СМ		
Power Transfer - Prep Only	PT		



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X-SERIES HINGES

STANDARD FINISHES: BSP, C, D, SN,

· Thicker leaves than traditional continuous geared hinge and requires no additional clearance

(21.4)

1/16 (1.6)

1 3/4

(44.5

11

===

DOOR

100

²³⁄32

1 7/8 (47.6)

5/16 (7.9) MIN

• X-Series Hinges are HD1 Grade as standard

WSP, 10BE

JAMB

LISTED

OOR HINGE 76Y2

Full Mortise

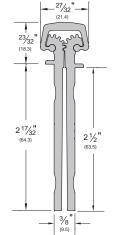
XM

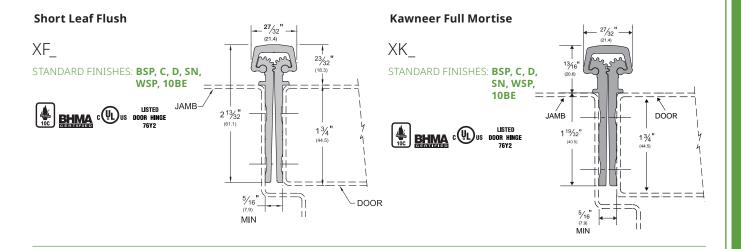
• X-Series hinges allow for a deeper cavity for electrical wires when ordering an electrified hinge

Full Mortise for 21/2" Thick Door

• Wider hinge leaves to accommodate doors 21/2" thick





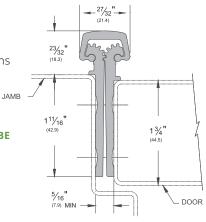


Short Leaf Inset

· 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

DiBE (Statin 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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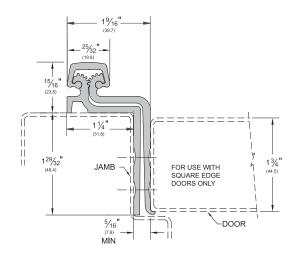
OFFSET HINGES

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

Offset Full Mortise

_OS_FM STANDARD FINISHES: **C, D**





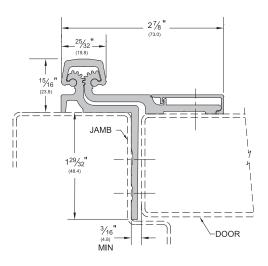
Offset Half Surface

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

_OS_HS

STANDARD FINISHES: C, D







Experience a safer and more open world AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized)

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FULL MORTISE HINGES

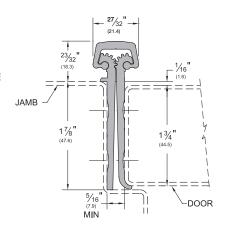
 Full-Mortise units are designed mainly for new door applications and are applied to the frame rabbet and door edge to conceal both leaves

Full Mortise

FΜ

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

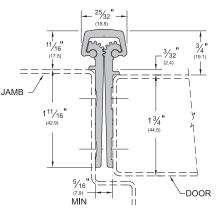
- Hinge is provided in 2 or 3 segments depending on length
- Hinges are packed in a shorter box and are easier to ship, transport, and store than traditional continuous hinges
- Available for select models, see price book for model availability

Full Mortise Short Leaf Inset

- Designed for use with doors which range between $1^{3/4}{}^{"}$ to $2^{1/4}{}^{"}$
- 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**





(21.4)

23/32

(18.3)

1 3/4

44 5

1

DOOR

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 $1^{3\prime_4}"$ to $2^{1\prime_4}"$
- 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)

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)

JAMB

2¹³/₃₂

5/16

MIN

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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

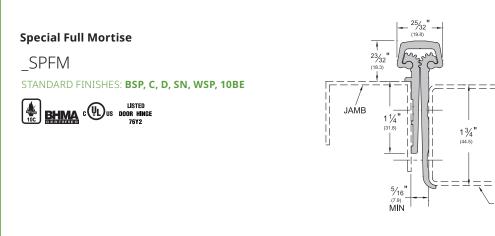


PemkoHinge

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

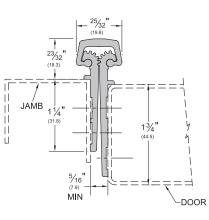
DOOR



Special Full Mortise Short Leaf Inset

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

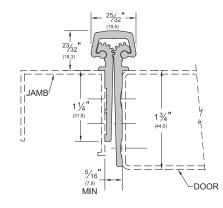




Special Full Mortise Short Leaf Flush

SPFM SLF STANDARD FINISHES: BSP, C, D, SN, WSP, 10BE





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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ΡΕΜΚΟ

ASSA ABLOY

Pe<u>m</u>koHinge®

PemkoHinge

FULL MORTISE HINGE

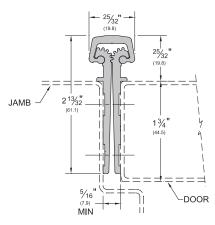
• Like our other Full Mortise units, the Kawneer Hinges are designed mainly for new door applications and are applied to the frame rabbet and door edge to conceal both leaves

Kawneer Full Mortise

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



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



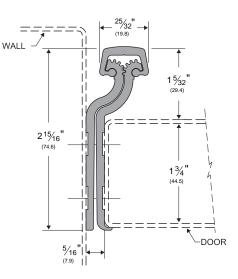
Raised Gear Hinge

- · 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 1/32" to 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





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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FULL MORTISE SAFETY HINGE

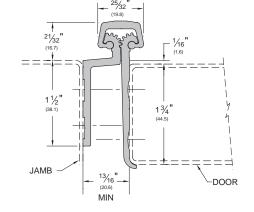
- Full Mortise Safety units are designed mainly for new door applications in child care and nursing facilities
- · These hinges require extra clearance and are applied to conceal both leaves

Full Mortise Safety

FM SF

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

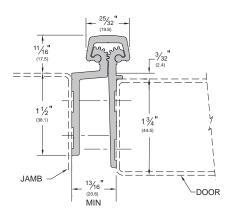
BHMA



Full Mortise Short Leaf Inset Safety

FM SLISF

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



Full Mortise Hinge for 1³/₈" Door

• More bearings than _RS138 hinge to work in commercial grade application

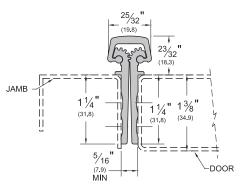
Full Mortise

FM SLF138

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



Shorter leaves for thinner doors



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)

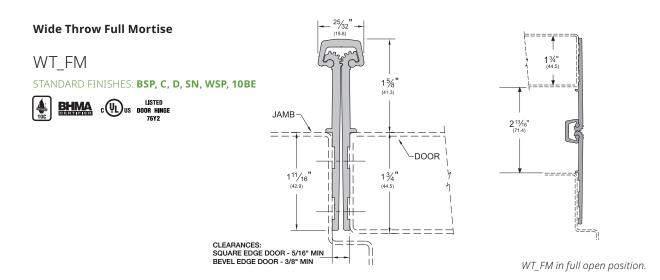


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WIDE THROW FULL MORTISE HINGE

- 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



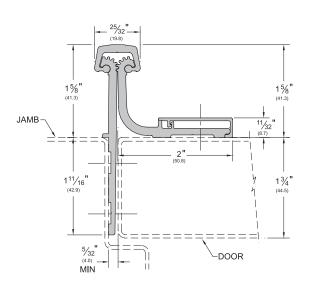
WIDE THROW HALF SURFACE HINGE

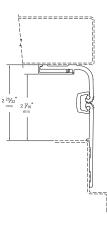
- Wide Throw Half Surface units are designed mainly for retrofit applications that require extra clearance due to special frame, door, or wall design and are applied to the frame rabbet and the exposed door surface
- Wide Throw Half Surface units combine the versatility of the Half Surface unit and the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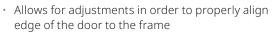
HALF SURFACE HINGE

- 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 d oors and frames

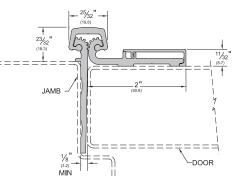
Half Surface

_HS STANDARD FINISHES: **C**, **D**





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



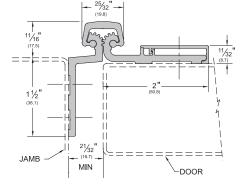
HALF SURFACE SAFETY HINGE

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

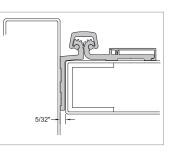
Half Surface Safety

_HS_SF STANDARD FINISHES: **C**, **D**

BHMA



II II



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 a nd the door edge
 - Replacement snap cover is C29316 for Clear Anodized or D29316 for Dark Bronze Anodized
- Designed to require only ${}^{\rm 5/_{32}"}$ clearance instead of ${}^{\rm 5/_{16}"}$ and also allows for adjustments to properly align edge of the door to the frame face

Half Mortise

_HM standard finishes: **c**, **d**





Experience a safer and more open world Frame Leaf $17/_{52}^{(20,5)}$



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)

|| JAMB

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





• 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

1 19/

______ 1∕16"__↓[↓

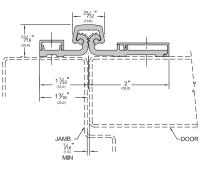
_ _ _

=====

-DOOR

2 7/8

(1.6) MIN



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

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

_RS175

STANDARD FINISHES: **C, D**

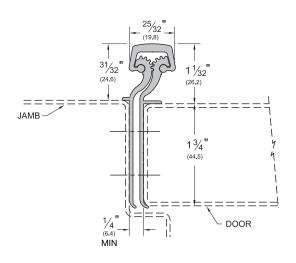
- Designed for $1_{4''}$ MAXIMUM thickness with a weight up to 90 lbs.

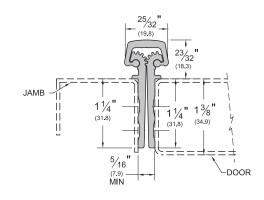
NOTE: All RS series hinges are excluded from the "LIFE OF THE OPENING" guarantee, and instead carry a ten (10) year warranty

_RS138

STANDARD FINISHES: **C, D**

- · Shorter leaves for thinner doors
- Designed for doors $1_{\ensuremath{^{3}\!/_{8}}}$ " thick with a weight limit up to 90 lbs.







Experience a safer and more open world AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized)

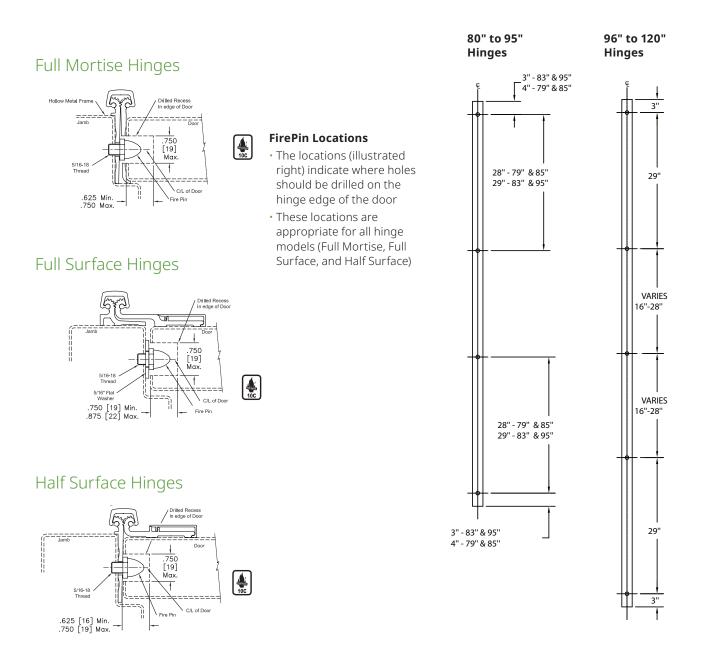
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PemkoHinge®

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





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DOUBLE SWING HINGE AND EMERGENCY RELEASE STOP

- PemkoHinge[®]
- Innovative healthcare solution that permits quick door opening in an emergency situation
- Double Swing Hinge has a unique 100° swing and allows the door to swing in either direction
- Emergency Release Stop features a special flush bolt that is used to release the door in an emergency situation. Hospital tip is standard.

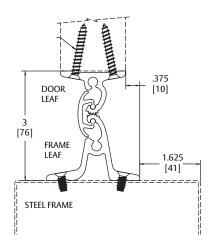
Double Swing Hinge

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

DSH_

AVAILABLE FINISHES: $\boldsymbol{\mathsf{C}}$

 Designed for 1³/₄" MAXIMUM thickness with a weight up to 250 lbs.



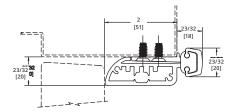
Emergency Release Stop

• Minimum 2³/₄" backset for hardware trim

NOTE: With $2_{3/4}$ " 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 provide on the order form.

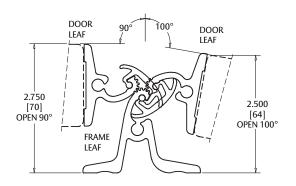
ERS_

AVAILABLE FINISHES: C



- The Pemko DSH1000 Pin & Barrel Double Swing Hinge is an option to use with the Emergency Release Stop to create an anti-barricade system.
- · Order form required, available online.
- 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

• 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.

Hinge Size	Opening	Clear Anodized – Left Hand	Clear Anodized – Right Hand
84"	7' 0"	ERS84CxHT-LH	ERS84CxHT-RH
96"	8' 0"	ERS96CxHT-LH	ERS96CxHT-RH
120"	10' 0"	ERS120CxHT-LH	ERS120CxHT-RH

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE ${\bf C}$ (Clear Anodized)

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PEMKO ASSA ABLOY

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PEMKO 1000 SERIES ALUMINUM PIN & BARREL CONTINUOUS HINGES

Short Form Architectural Specification:

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4'0" maximum door width
- Material to be extruded aluminum 6063-T6 alloy
- .250" diameter stainless pin (rod)
- Each knuckle 4", including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Clear Anodized (628)

- All hinges shall be furnished with manufacturer's recommended hardware pack per specific model application
- Exterior barrel diameter .750" (³/₄")
 - Hinges certified ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

Note: 25-Year Warranty on all Continuous Pin & Barrel Hinges

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 600lbs. 4'0" maximum door width Standard Sizes 7'0", 8'0"

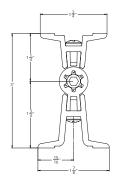
Hole Pattern Symmetrically templated

Handing Handing not required

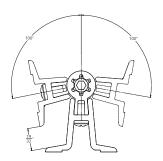
CMS Compliant

Eliminating additional ligature points ensures compliance for reimbursement through CMS (Centers for Medicare and Medicaid Services)

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 antibarricade system.



Door Closed



Door Open 100° Either Direction



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POWER TRANSFERS

- PemkoHinge®
- These Securitron electronic power transfer units fit into doors and frames to transfer power from your power supply to the door-mounted electronic device

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:

- 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
- \cdot 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:

- 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

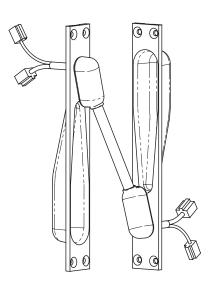


DORS (2) (1) Lead Cover (1) Flexible Shield (1) Flexible Shield (1) Bezel Plate



Experience a safer and more open world · Contact your hinge manufacturer for cutout availability

Order form required, available online



EL-EPTL

AVAILABLE COLORS:

- 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 $\frac{3}{4}$ "

(2) Flush Tab Bracket

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- UL634, UL10B, UL10C Listed
- ANSI A250.13-2003–Windstorm Resistant





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SADDLE THRESHOLDS

• To use a saddle threshold in an offset condition, use an elevator (see page 131)

173_

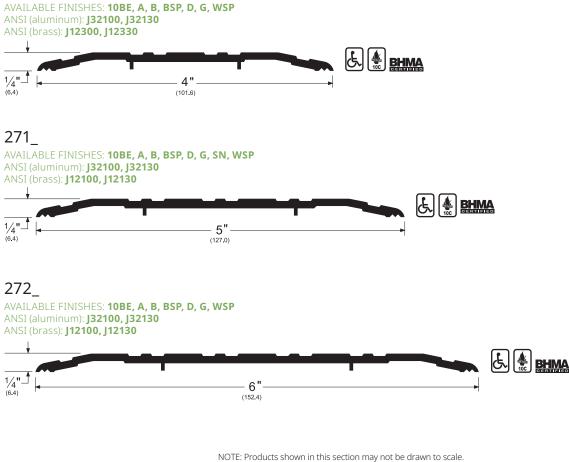
AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): **J32300, J32330**



151_ AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): **J32300, J32330**



270

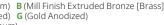


AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 B (Mill Finish Extruded Bronze [Brass])

 BSP (Black Suede Powder Coated Aluminum)
 D (Dark Bronze Anodized)
 G (Gold Anodized)

 SN (Satin Nickel Anodized)
 WSP (White Suede Powder Coated Aluminum)



NOTE: G, SN are available with limited inventory

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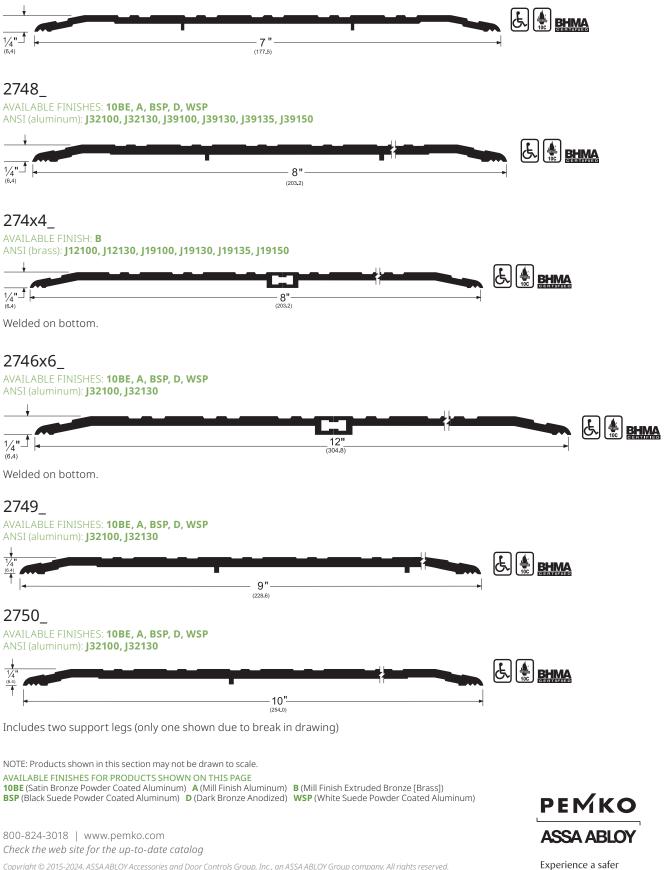
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ASSA ABLOY

276_

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): J32100, J32130, J39100, J39130, J39135, J39150

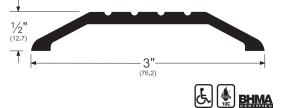


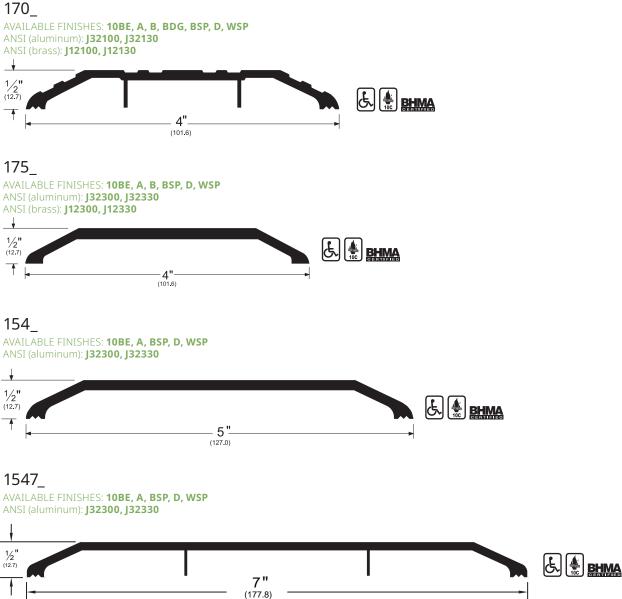
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and more open world

169_

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): **J32100, J32130**





166

1 5/16"

(7.9)

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP

2¹/₂"

E SHMA

ANSI (aluminum): **J32100, J32130**

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE



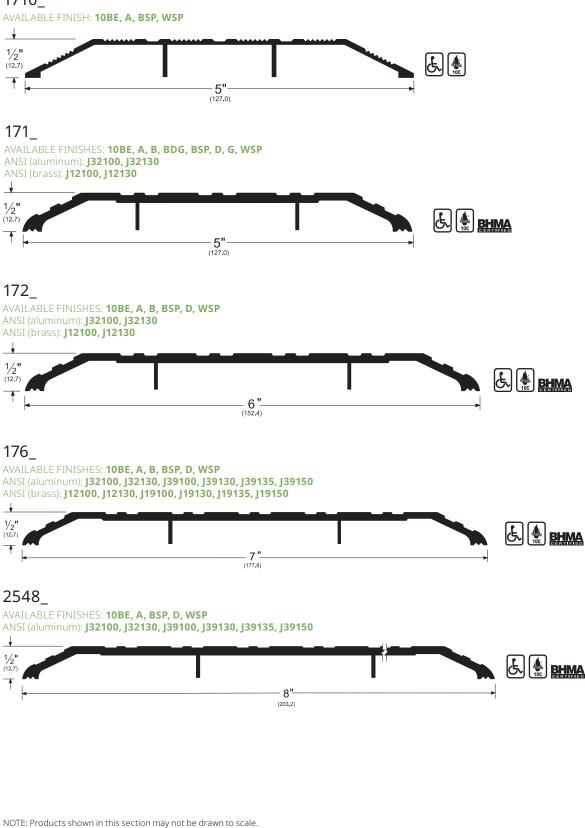
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1710_



AVAILABLE FIN ISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 B (Mill Finish Extruded Bronze [Brass])

 BSP (Black Suede Powder Coated Aluminum)
 D (Dark Bronze Anodized)
 G (Gold Anodized)

 WSP (White Suede Powder Coated Aluminum)
 D (Dark Bronze Anodized)
 G (Gold Anodized)

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254x4_

AVAILABLE FINISH: **B**

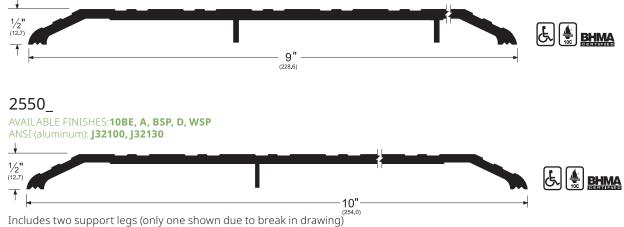
ANSI (brass): **J12100, J12130, J19100, J19130, J19135, J19150**



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

2549_





255x5_



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

256x6_



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

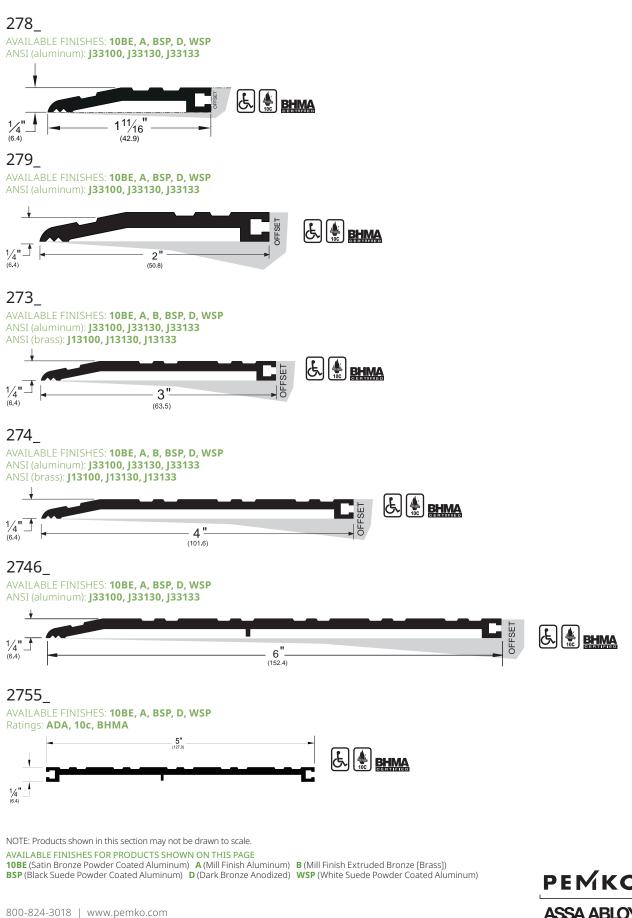
10BE (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum)

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HALF SADDLE THRESHOLDS



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Commercial Thresholds

HALF SADDLE THRESHOLDS ((Cont.)

252_

AVAILABLE FINISHES: 10BE, A, B, BSP, D, WSP ANSI (aluminum): **J33100, J33130** ANSI (brass): **J13100, J13130**

253

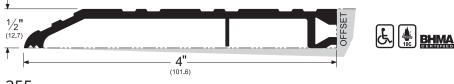






254

AVAILABLE FINISHES: 10BE, A, B, BSP, D, G, WSP ANSI (aluminum): **J33100, J33130** ANSI (brass): **J13100, J13130**



255

AVAILABLE FINISHES: 10BE, A, B, BSP, D, G, WSP ANSI (aluminum): **J33100, J33130** ANSI (brass): **J13100, J13130**



AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): **J33100**



* 2555_ can be combined with other half saddles on one or both sides. If combined only on one side, the opposite side should be mounted flush with an existing offset. Either stated application is required for this to be ADA-compliant.

256_

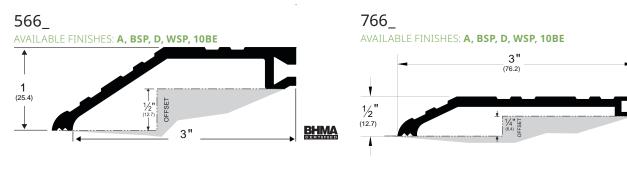


Commercial Thresholds

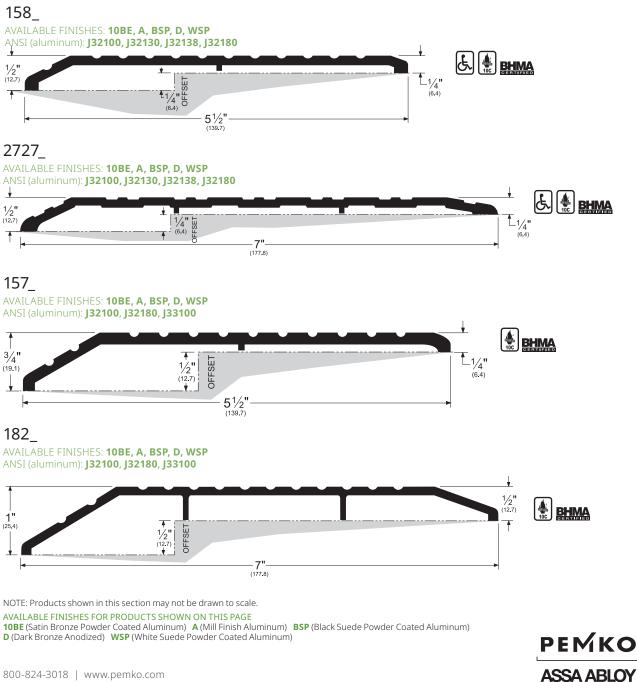
90

BHMA

OFFSET HALF SADDLES



OFFSET SADDLES



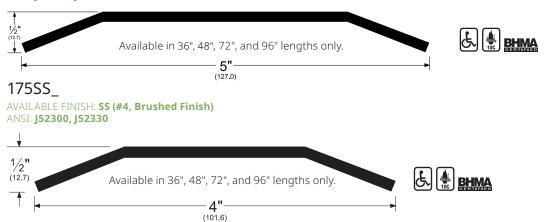
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STAINLESS STEEL SADDLES

154SS_

AVAILABLE FINISH: SS (#4, Brushed Finish) ANSI: **J52300, J52330**

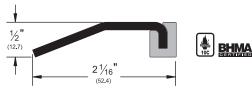


STAINLESS STEEL HALF SADDLES

• Available in 36", 48", 72", and 96" lengths only.

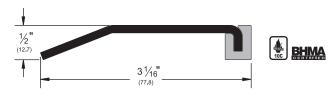
252SS_

AVAILABLE FINISH: SS (#4, Brushed Finish) ANSI: **J52300, J52330**



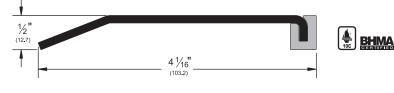
253SS_

AVAILABLE FINISH: SS (#4, Brushed Finish) ANSI: **J52300, J52330**



254SS

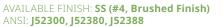
AVAILABLE FINISH: SS (#4, Brushed Finish) ANSI: **J52300, J52330**

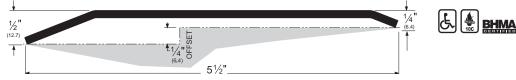


STAINLESS STEEL OFFSET SADDLES

• Available in 36", 48", 72", and 96" lengths only.

158SS_





NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE



SS (See Individual Part)

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THERMAL BREAK SADDLES

• Black rigid polypropylene key between extrusions provides a thermal break (designated by "FG" Frost Guard following finish code)

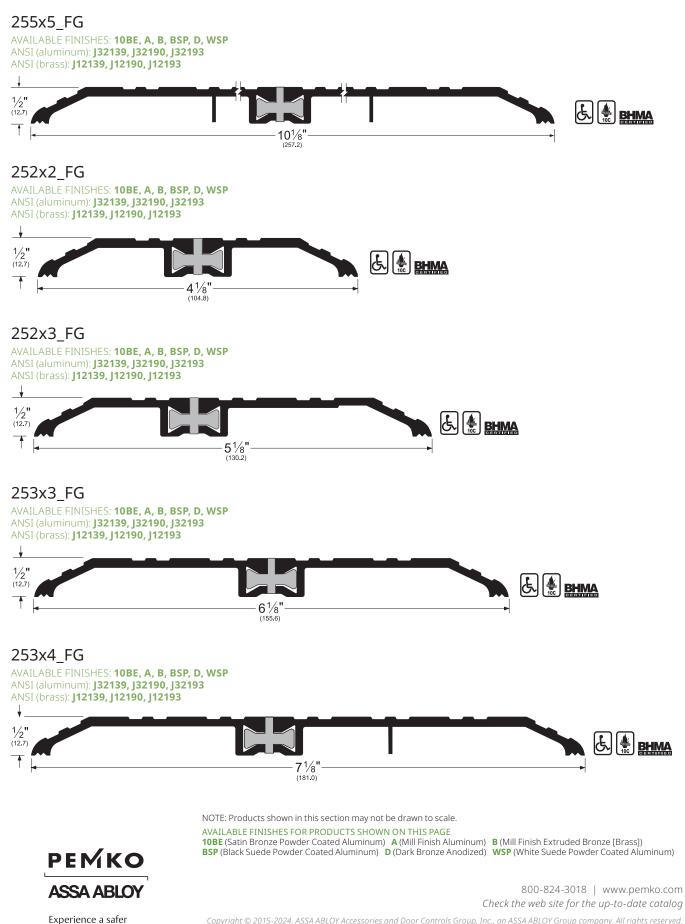
273x3_FG



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THERMAL BREAK SADDLES (Cont.)



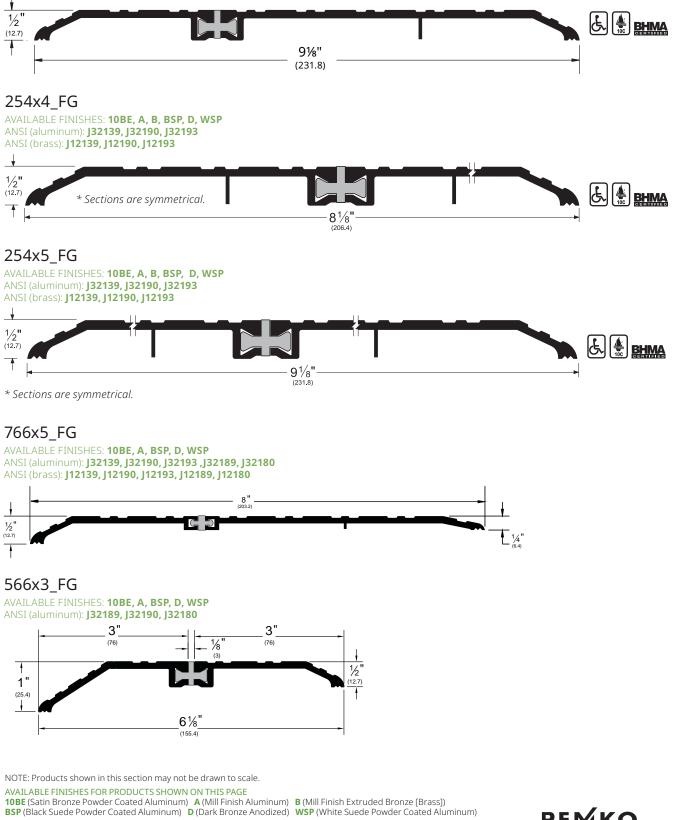
94

and more open world

THERMAL BREAK SADDLES (Cont.)

253x6_FG

AVAILABLE FINISHES: **10BE, A, BSP, D, WSP** ANSI (aluminum): **J32139, J32190, J32193**



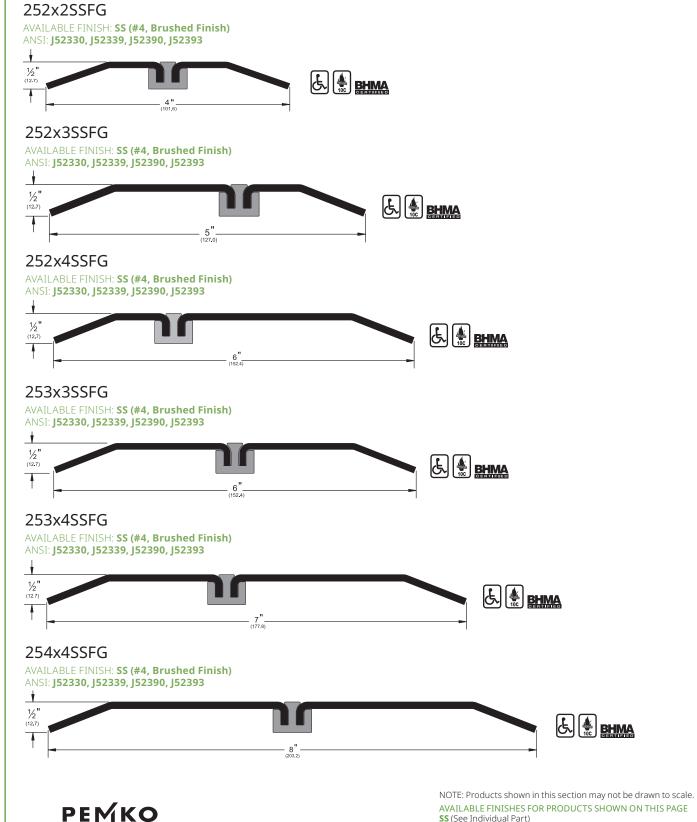
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STAINLESS STEEL THERMAL BREAK THRESHOLD

- Black rigid polypropylene key between extrusions provides a thermal barrier (designated by "FG" Frost Guard following finish code)
- Available in 36", 48", 72", and 96" lengths only



SS (See Individual Part)

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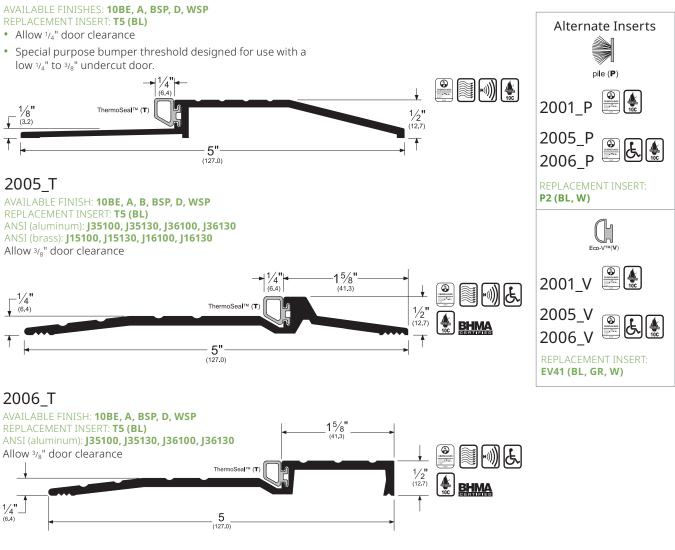
Commercial Thresholds

LATCHING PANIC EXIT SADDLES

• Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of door

2001_T

- For offset applications, use an elevator (see page 131)
- **2006_T** is only ADA compliant when installed butted to ¹/₄" tile or other floor material

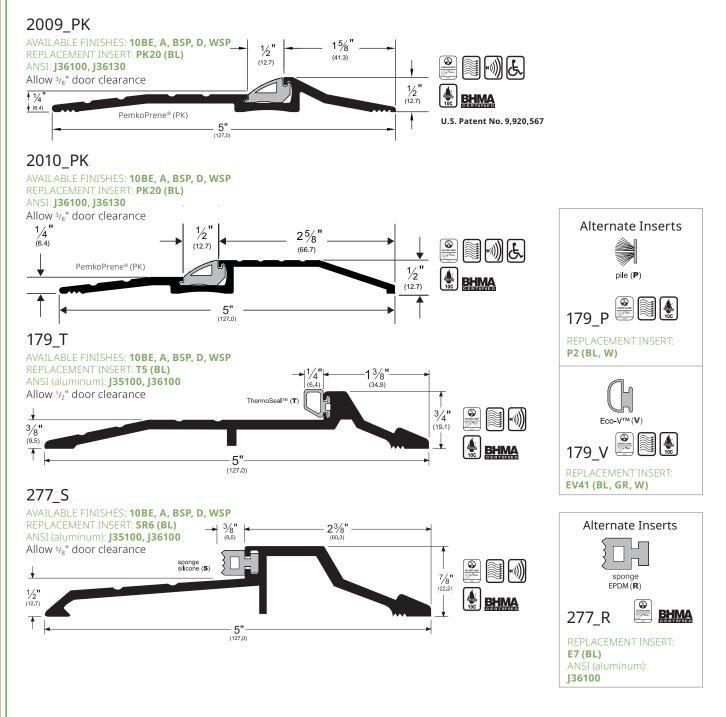


NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum)

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LATCHING PANIC EXIT SADDLES (Cont.)



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) WSP (White Suede Powder Coated Aluminum)

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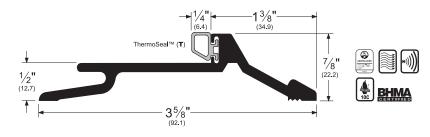
Commercial Thresholds

LATCHING PANIC EXIT SADDLES (Cont.)

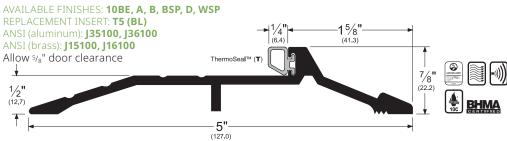
159_T

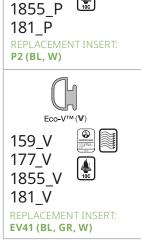
AVAILABLE FINISHES: **10BE**, **A**, **B**, **BSP**, **D**, **WSP** REPLACEMENT INSERT: **T5 (BL)** ANSI (aluminum): **J35300**, **J36300** ANSI (brass): **J15300**, **J16300** • Allow 9/₁₆" door clearance

- Provided with "J" hook.
- · Can also be used as an interlock threshold (see Residential Thresholds section)



177_T





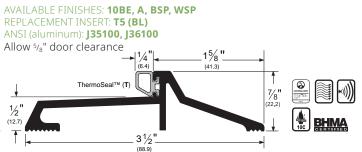
Alternate Inserts

pile (P)

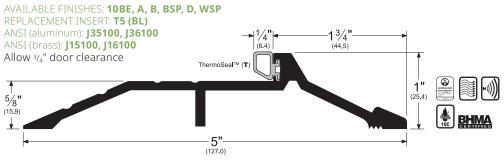
159 P

177_P

1855_T



181_T



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 B (Mill Finish Extruded Bronze [Brass])

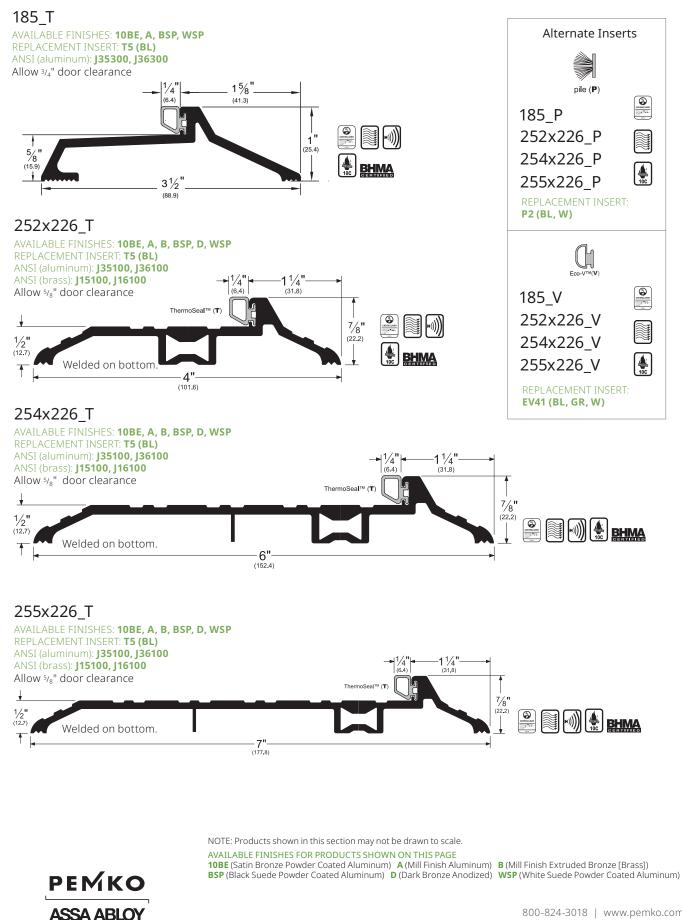
 BSP (Black Suede Powder Coated Aluminum)
 D (Dark Bronze Anodized)
 WSP (White Suede Powder Coated Aluminum)

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LATCHING PANIC EXIT SADDLES (Cont.)

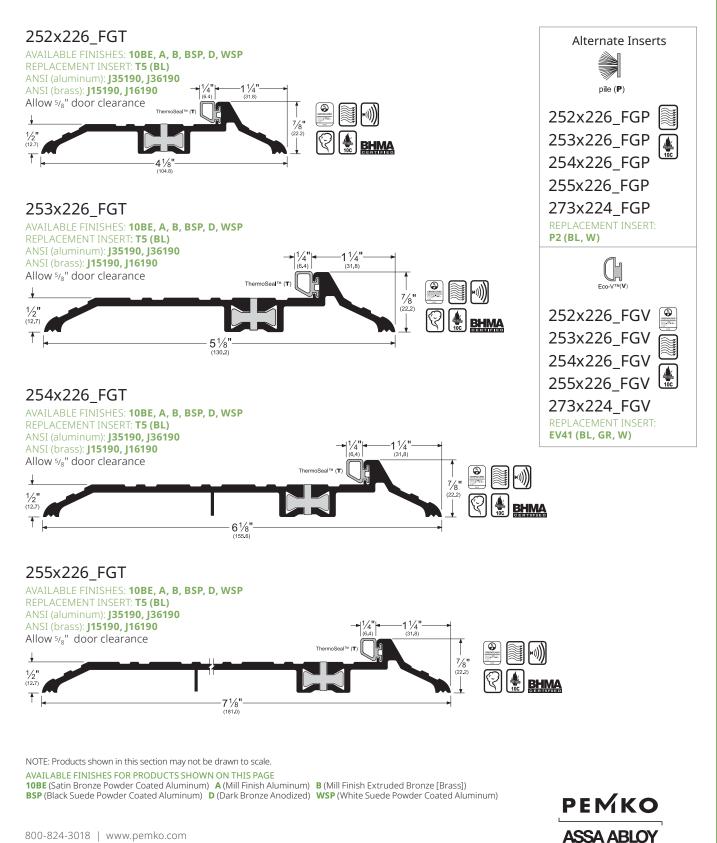


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LATCHING PANIC FXIT SADDLES - THERMAL BREAK

- Black rigid polypropylene key between extrusions provides thermal break (designated by "FG" Frost Guard following finish code)
- Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of door
- These units are not welded

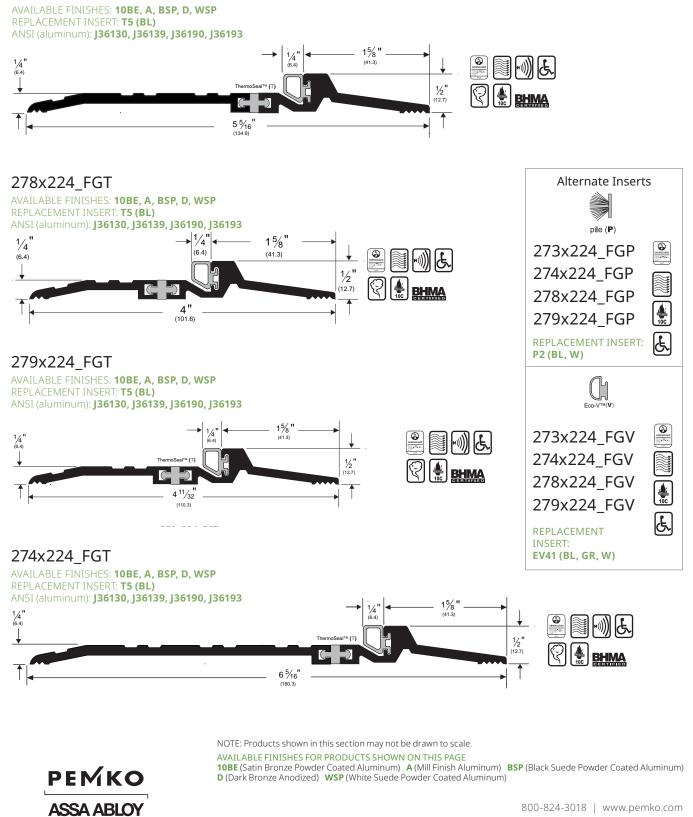


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LATCHING PANIC EXIT SADDLES - THERMAL BREAK (Cont.)

Allow 3/8" door clearance

273x224_FGT



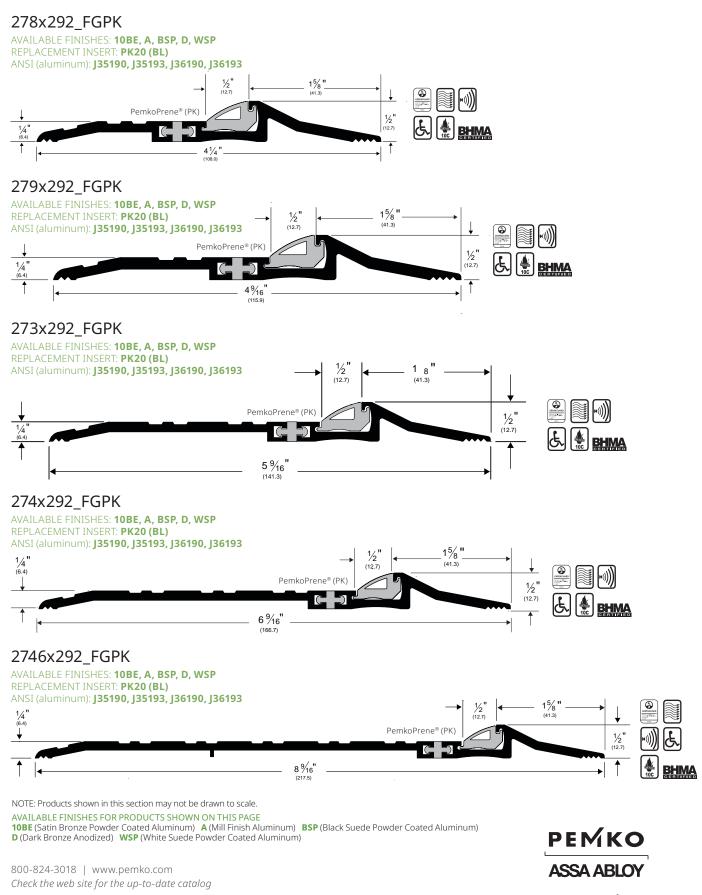
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LATCHING PANIC EXIT SADDLES - THERMAL BREAK (Cont.)

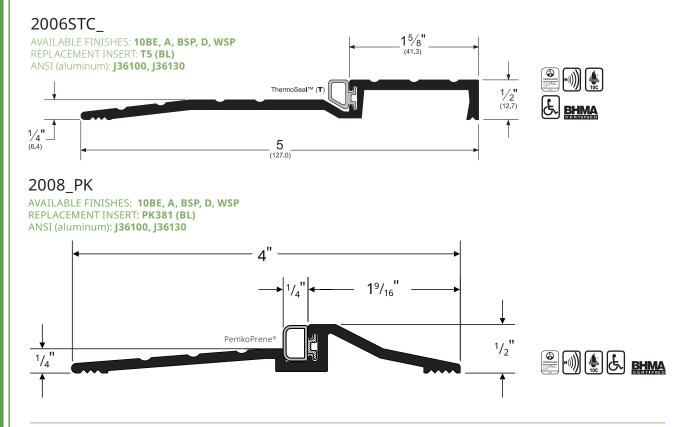
• Allow 3/8" door clearance



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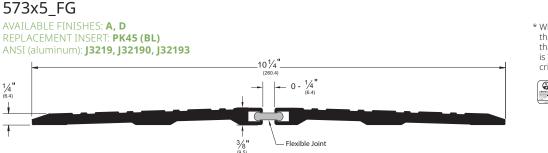
ACOUSTIC THRESHOLDS

- Pemko's line of Acoustic Thresholds are designed to aid with a door's STC rating
- 2006STC is only ADA compliant when installed butted to other flooring materials in accordance with ADA guidelines
- Thresholds will not improve a door 's "sealed in-place"
 STC rating
- See the Acoustic Catalog Section or visit Pemko's website, www.pemko.com, for more Acoustic products and additional information



THRESHOLD WITH FLEXIBLE JOINT

- Flexible joint allows the threshold to flex as much as 20° up or down
- Expands up to an additional 1/4"



* When used in such a manner that the slope is not steeper than 1:2, and the overall height is ½" or less and all other criteria are met.



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 BSP (Black Suede Powder Coated Aluminum)

 D (Dark Bronze Anodized)
 WSP (White Suede Powder Coated Aluminum)

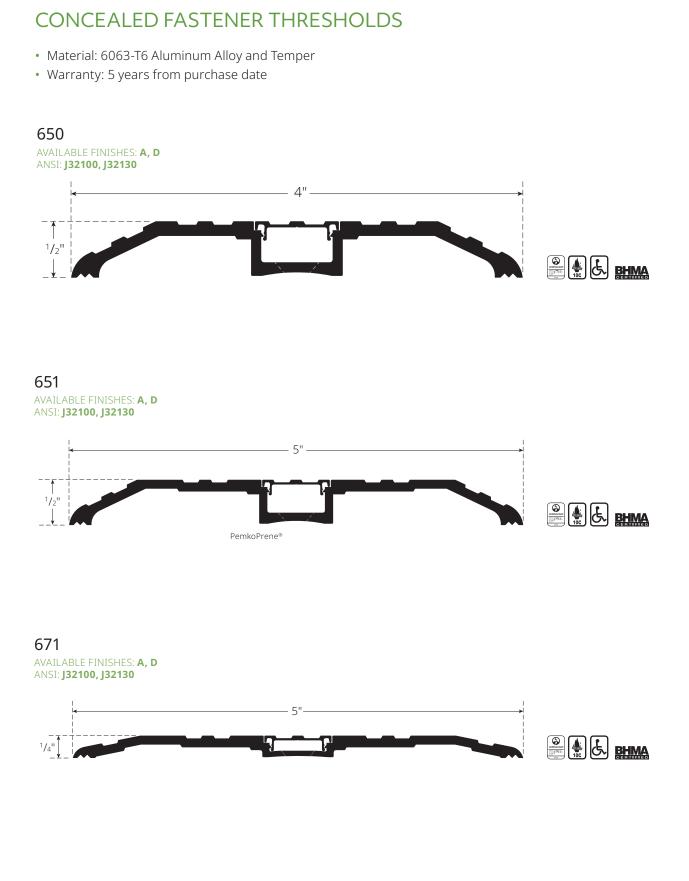
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Commercial Thresholds

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NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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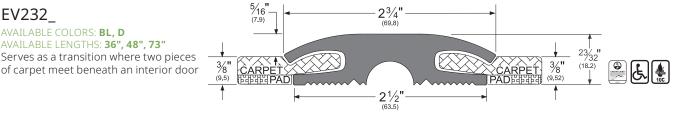
ΡΕΜΚΟ

ASSA ABLOY

FCO-V[™] THRESHOLDS

- Eco-V[™] thresholds create an ideal transition where two different pieces of carpet meet, or carpet meets another surface under a door
- Ideal for use in any high-traffic commercial installation, such as hotels and offices
- Eco-V[™] thresholds are manufactured from slightly softer material than competitive products. This aids in the cutting and fitting of the threshold and facilitates easier insertion of the carpet into the holding cavities on the carpet side(s) of the threshold
- Eco-V[™] thresholds are designed to work in conjunction with Pemko's 2173_V, 2113_V and 2343_V door shoes
- EV232, EV2325, and ADJ232V thresholds meet the requirements outlined in ADAAG-2010 (Amended); ICC/ANSI A117.1 and California Building Code, Title 24 for Barrier-Free Entry - 1/2" max rise above finished floor





EV2325

AVAILABLE COLORS: BL, D AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where one piece of carpet meets tile beneath an interior door

EV2326

AVAILABLE COLORS: **BL, D** AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where two pieces of tile meet beneath an interior door

EV2320

AVAILABLE COLOR: **BL** AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where carpet meets concrete beneath an interior or exterior door

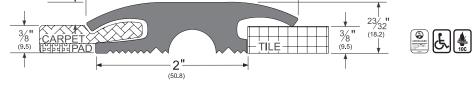
EV2322

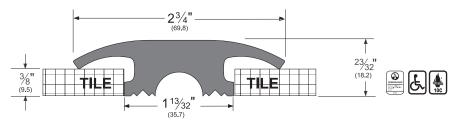
AVAILABLE COLOR: BL AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where carpet meets 1/8" tile beneath an interior door

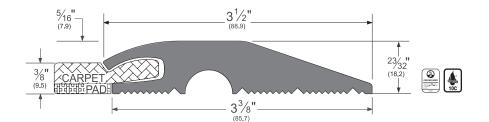


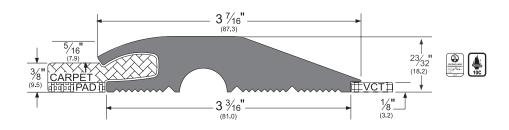
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2³/4' 5⁄16 (7.9)









NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE BL (Black) D (Dark Brown)

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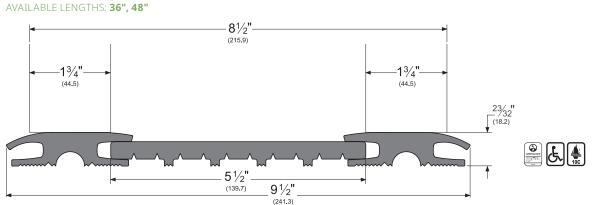
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ADJUSTABLE-WIDTH ECO-V[™] THRESHOLD

- The adjustable-width threshold is designed for installations where the widths of the transition beneath a door may need to change, without completely disassembling and reinstalling the threshold
- The adjustable-width threshold consists of two Eco-V[™] end pieces and one Eco-V[™] adjustable center section
- Center section (**EV2321** below) can easily be cut to size with a standard razor knife

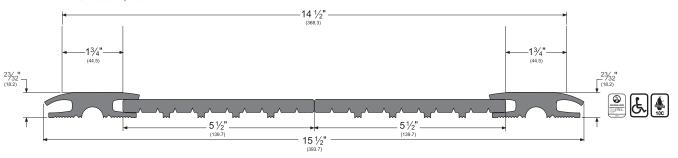
ADJ232V8_

AVAILABLE COLOR: **BL, D** AVAILABLE LENGTHS: **36" 4**



ADJ232V14_

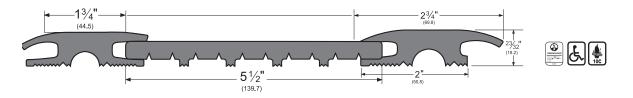
AVAILABLE COLOR: **BL, D** AVAILABLE LENGTHS: **36", 48"**



- Eco-V[™] threshold ends can be used in many combinations to suit your flooring combination needs
- Shown below is EV232 used with EV2325 to illustrate use with carpet outside one communicating door and tile outside the other

ADJ232x2325V8_

AVAILABLE COLOR: **BL, D** AVAILABLE LENGTHS: **36", 48", 73"** Serves as a transition where carpet meets tile beneath an interior door



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **BL** (Black) **D** (Dark Brown)

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HEAVY DUTY LATCHING PANIC EXIT SADDLE THRESHOLD

1 %

(41.3)

(6.4

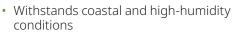
 Ideal for heavy-duty, high-traffic and high weight-bearing applications, such as industrial facilities, schools, cafeterias, manufacturing buildings and hospitals

ANSI (aluminum): **J35100, J35130, J36100, J36130**

ANSI (alum w/PemKote): **J36200, J36130**

2705_T AVAILABLE FINISHES: 10BE, A, AK, BSP, D, WSP

1/4



• Ultra-durable, extra thick extruded nickelaluminum construction is guaranteed for ten (10) years

E 🕅 🛔 BHMA



All items on this page are available with **PemKote™** non-slip coating (see General Information section). Please specify "PemKote™" when ordering. Please furnish drilling instructions when ordering PemKote™ as it is difficult to drill through this coating.

HEAVY DUTY THRESHOLDS

5

(127.0)

- Ideal for heavy-duty, high-traffic and high weight-bearing applications, such as industrial facilities, schools, cafeterias, manufacturing buildings and hospitals
- Withstands coastal and high-humidity conditions

1/2" (12.7)

• Ultra-durable, extra thick extruded nickel-aluminum construction is guaranteed for ten (10) years

2715

AVAILABLE FINISHES: **10BE, A, AK, BSP, D, WSP** ANSI (aluminum): **J32100, J32130** ANSI (alum w/PemKote): **J32200, J32230**



All items on this page are available with **PemKote**[™] non-slip coating (see General Information section). Please specify "PemKote[™] when ordering. Please furnish drilling instructions when ordering PemKote[™] as it is difficult to drill through this coating.

AVAILABLE FINISHES: **10BE, A, AK, BSP, D, WSP** ANSI (aluminum): **J32100, J32130** ANSI (alum w/PemKote): **J32200, J32230**





1715_

AVAILABLE FINISHES: **10BE, A, AK, BSP, D, WSP** ANSI (aluminum): **J32100, J32130** ANSI (alum w/PemKote): **J32200, J32230** Allow 5/8" door clearance



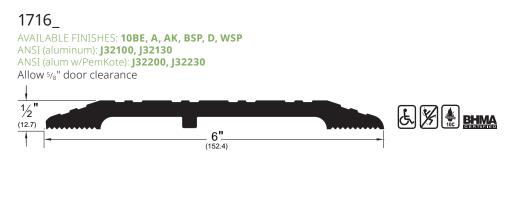
NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **AK** (Mill Finish Aluminum w/PemKote[™] Non-Slip Coating) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum) NOTE: **D** is available with limited inventory



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HEAVY DUTY THRESHOLDS (Cont.)





All items on this page are available with **PemKote™** non-slip coating (see General Information section). Please specify "PemKote™" when ordering. Please furnish drilling instructions when ordering PemKote™ as it is difficult to drill through this coating.

MODULAR HEAVY DUTY THRESHOLDS

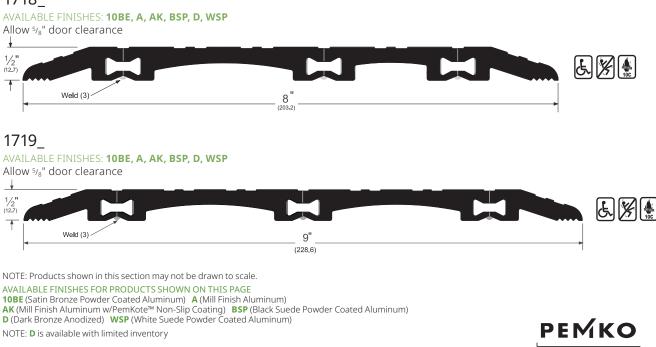
- Modular construction allows threshold to fit openings up to 15" wide without the expense of custom cast thresholds. There is no restriction on width additions (in 1" increments)
- Modular Thresholds can be thermally broken. Order by adding "FG" to the part number and designate at which joint the thermal key should be supplied. Note that each thermal key will add $1/_8$ " to overall width of threshold.

1717_

AVAILABLE FINISHES: **10BE, A, AK, BSP, D, WSP** Allow 5/8" door clearance



1718_



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109

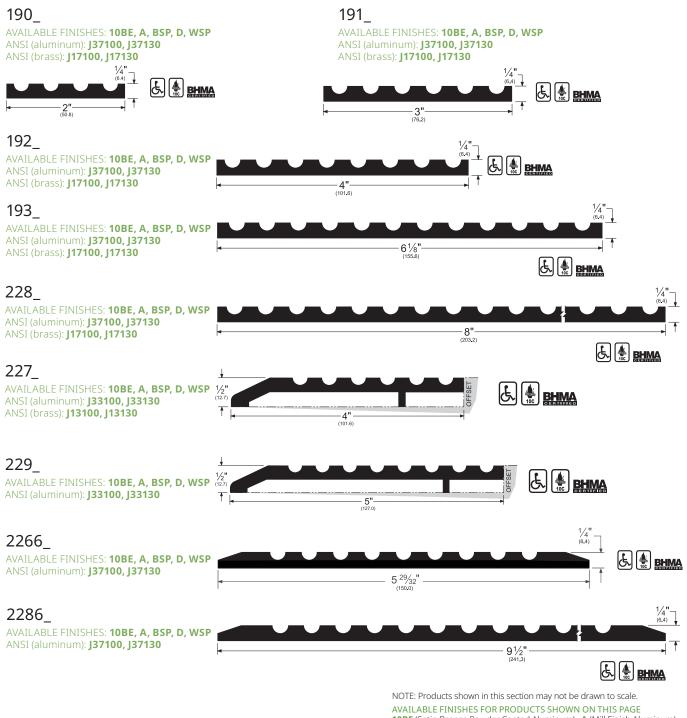
ASSA ABLOY

FLOOR PLATES/SAFETY TREADS

- **Commercial Thresholds**
- Pemko can fabricate almost any floor plate threshold you might require
- Furnished undrilled unless drilling instructions are specified when ordering
- Ordering of fasteners does not constitute drilling instructions
- Elevated floor plates require support every 4" on center, at welded seams, and as necessary for support
- Orders with "x" in the product number (i.e. 195 x 193 x 195) indicate welding



Available with PemKote[™] non-slip coating (see General Information section). Please specify "PemKote[™] when ordering. Please furnish drilling instructions when ordering PemKote[™] as it is difficult to drill through this coating.



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum)

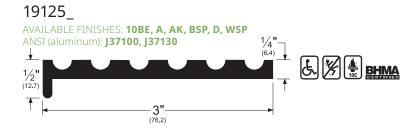
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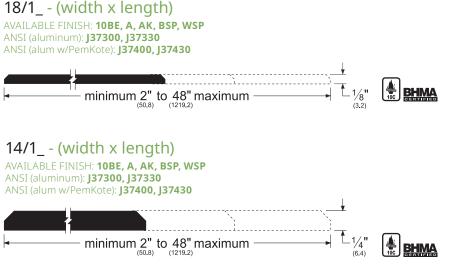
FLOOR PLATES/SAFETY TREADS (Cont.)



ALUMINUM PLATES

- Used where a cover plate, expansion joint plate, or wide extra-strength metal plate is needed
- Maximum length is 144". All aluminum plates are provided NET length
- Both length edges are beveled at a 45° angle; "single edge bevel" or "no bevel" is also available at no extra cost; length of plate should be roughly equal to width of opening.
- Plates are supplied undrilled unless otherwise specified. Pemko reserves the right to charge for special fastener patterns
- Plates are furnished with #10 x 1¹/₂" wood screws. Screws supplied: one (1) screw per foot up to 8" wide; two (2) screws per foot 8" to 12" wide; and three (3) screws per foot over 12" wide
- Plates are ADA compliant only when ordered with PemKote finish





NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **AK** (Mill Finish Aluminum w/PemKote[™] Non-Slip Coating) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum) NOTE: **D** is available with limited inventory

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CARPET SEPARATORS

174_

AVAILABLE FINISHES: 10BE, BSP, C, D, WSP ANSI (aluminum): **J32300, J32340** ANSI (brass): **J17300, J17330**



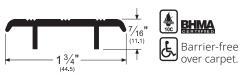
230

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP



236_

AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, WSP ANSI (aluminum): J32134



2364_

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP ANSI (aluminum): **J32134**, **J32140**

1951_

AVAILABLE FINISHES: A, D

13% (34.9)

ANSI (aluminum): **J37300, J37330**

· Supplied undrilled unless otherwise specified + ADA compliant when butted to $\nu_4"$ or $\nu_2"$ high flooring material

1/2" (12.7)

5 BHMA



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) WSP (White Suede Powder Coated Aluminum)



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112

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Commercial Thresholds

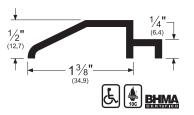
Commercial Thresholds

FLOOR PLATE SUPPORTS/ACCESSORIES

 Please see information under Floor Plates and Safety Treads (page 134-135)

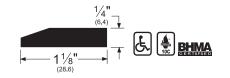
195_

AVAILABLE FINISHES: **10BE, A, BSP, D, WSP** ANSI (aluminum): **J37300** ANSI (brass): **J17300**



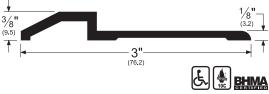
196_

AVAILABLE FINISHES: **10BE, A, B, BSP, D, WSP** ANSI (aluminum): **J37300, J37330** ANSI (brass): **J17300, J17330** When ordering, specify whether 196 material is to be used as trim or support



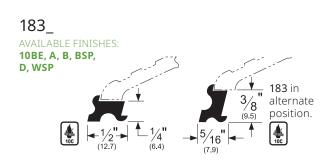
200_





ELEVATORS

· Elevators allow for custom sizing in offset conditions



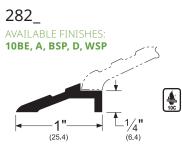
NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

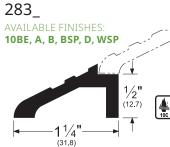
10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)

 B (Mill Finish Extruded Bronze [Brass])

 BSP (Black Suede Powder Coated Aluminum)
 C (Clear Anodized)

BSP (Black Suede Powder Coated Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) WSP (White Suede Powder Coated Aluminum) • Fasteners are not included and are not required with these shapes when used in conjunction with a threshold







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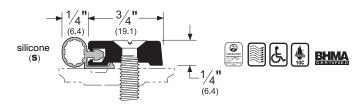
THRESHOLD STOP STRIPS

- Use with standard flat top, saddle threshold to provide a door stop and seal at bottom of door
- Stop strips are supplied pre-drilled with #10-24 Phillips flat head machine screws of appropriate length
- 1842_S

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP

REPLACEMENT INSERT: S3 (BL, W)

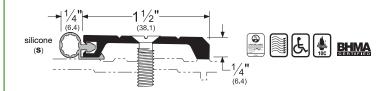
- Allow 1/8" door clearance from top of threshold
- Barrier-free with 1/4" saddle only



290_SSTOP

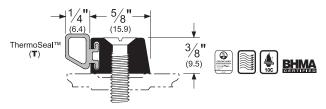
AVAILABLE FINISHES: **10BE, A, BSP, D, G, WSP** REPLACEMENT INSERT: **S3 (BL, W)**

- Allow 1/8" door clearance from top of threshold
- Barrier-free with 1/4" saddle only



184_T

AVAILABLE FINISHES: **10BE, A, B, BSP, D, WSP** REPLACEMENT INSERT: **T5 (BL)**



• These stops will affect the pivot hole location of an assembly



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NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **WSP** (White Suede Powder Coated Aluminum) NOTE: **G** is available with limited inventory



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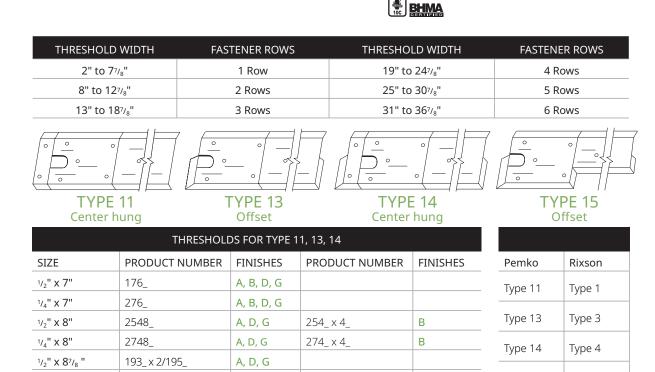
FLOOR CLOSER THRESHOLDS/COVER PLATE ASSEMBLIES

- TYPE OF ASSEMBLY Type 11 or 14 for center hung, Type 13 SPECIAL FINISHES Examples include polished, oxidized or 15 for offset hung
- MATERIALS Saddles, floor plates, supports, risers, elevators, and stop strips
- CLOSER TO BE USED Manufacturer and model number
- NET LENGTH Jamb-to-Jamb. Assembly Types 11, 13 and 14 are cut with center section $\frac{1}{2}$ " over net length up to 48" and 1" over net length over 48" to allow for fitting on the job. Please specify "net length", if required. Assembly Type 15 is cut at net length because of factory-cut miters
- HANDING For single doors, specify right or left hand. For pairs of doors, handing is not required

- and oil rubbed, and PemKote™
- SPECIAL FASTENERS For center section only. Examples include: MSES, FHSL25, and MSES-SS
- SPECIAL FABRICATION INSTRUCTIONS Notching, full miters, etc. Assembly Type 11 is supplied without mitered ends, and assembly Types 13, 14 and 15 are supplied with both ends mitered. Also, when ordering stop strips (shown on page 132), specify door thickness and pivot offset so that the threshold assembly width and pivot dimension can be determined
- **RETURNS AND ALLOWANCES** Restock fee for "custom" material applies to these products

Type 15

Type 5



* Ramp threshold for 1/2" offset.

257 x 259

*****_{3/4}" x 12" x 1/₄"

THRESHOLDS FOR TYPE 15				
SIZE	PRODUCT NUMBER	FINISHES	PRODUCT NUMBER	FINISHES
1/2" x 7" x 4"	176_x 170_	A, B, D, G		
1/4" x 7" x 4"	276_ x 270_	A, B, D, G		
¹ / ₂ " x 7" x 5"	176_ x 171_	A, B, D, G		
¹ / ₄ " x 7" x 5"	276_ x 271_	A, B, D, G		
¹ / ₂ " x 8" x 4"	2548_ x 170_	A, D, G	254 x 4_ x 170_	В
¹ / ₄ " x 8" x 4"	2748_x 270_	A, D, G	274 x 4_ x 270_	В
¹ / ₂ " x 8" x 5"	2548_ x 171_	A, D, G	254 x 4_ x 171_	В
1/4" x 8" x 5"	2748_x 271	A, D, G	274 x 4_ x 271_	В

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) G (Gold Anodized) NOTE: G is available with limited inventory

A, B, D, G

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ANSI/BHMA A156.21 THRESHOLDS - CROSS REFERENCE

- Following a profile number, "**A**" signifies the base metal as aluminum and will include any anodized finish
- Following a profile number, "**B**" signifies the base metal as architectural bronze [brass]
- Consult www.buildershardware.com for the most up-to-date BHMA Certified Product Directory (CPD) information

ANSI No.	Pemko Item#
J12100	170B, 171B, 172B, 176B, 198B, 254x4B, 254x5B, 255x5B, 270B, 271B, 272B, 274x4B, 276B
J12130	170B, 171B, 172B, 176B, 254x4B, 254x5B, 255x5B, 270B, 271B, 272B, 274x4B, 276B
J12134	236B, 2364B
J12139	252x2BFG, 252x3BFG, 253x3BFG, 253x4BFG, 254x4BFG, 254x5BFG, 255x5BFG, 273x3BFG, 273x4BFG, 274x4BFG
J12190	252x2BFG, 252x3BFG, 253x3BFG, 253x4BFG, 254x4BFG, 254x5BFG, 255x5BFG, 273x3BFG, 273x4BFG, 274x4BFG
J12193	252x2BFG, 252x3BFG, 253x3BFG, 253x4BFG, 254x4BFG, 254x5BFG, 273x3BFG, 273x4BFG, 274x4BFG
J12300	151B, 173B, 175B
J12330	151B, 173B, 175B
J13100	227B, 252B, 253B, 254B, 255B, 273B, 274B
J13130	227B, 252B, 253B, 254B, 255B, 273B, 274B
J13133	273B, 274B
J14170	101B, 108B, 114B
J15100	177B, 181B, 2005B, 252x226B, 253x226B, 254x226B, 255x226B
J15130	2005B
J15190	252x226BFG, 253x226BFG, 254x226BFG, 255x226BFG
J15300	159B
J16100	177BT, 181BT, 2005B, 2005BT, 252x226BT, 253x226BT, 254x226BT, 255x226BT
J16130	2005B
J16300	159BT
J17300	174B, 195B, 196B, 200B
J17330	174B, 195B, 196B, 200B
J18130	257B, 259B, 275x259B
J19100	176B, 254x4B, 257B/259B, 274x4B, 276B
J19130	176B, 254x4B, 257B/259B, 274x4B, 276B
J19135	176B, 176B, 176Bx170B, 176Bx171B, 254x4B, 254x4B, 254x4Bx170B, 254x4Bx171B, 257B/259B, 257B/259B, 274x4B, 274x4B, 274x4B, 274x4B, 274x4Bx270B, 274x4Bx271B, 276B, 276Bx270B, 276Bx271B
J19150	176B, 176B, 176Bx170B, 176Bx171B, 254x4B, 254x4Bx170B, 254x4Bx171B, 257B/259B, 274x4B, 274x4B, 274x4Bx270B, 274x4Bx271B, 276B, 276B, 276Bx270B, 276Bx271B
J31100	206AV, 207AV
J32100	156A, 1571A, 157A, 158A, 166A, 169A, 1700A, 170A, 1715A, 171A, 172A, 176A, 182A, 198A, 2548A, 2549A, 2550A, 2555x253A, 256x6A, 256x6A, 270A, 2715A, 2716A, 271A, 2727A, 272A, 2746x6A, 2748A, 2749A, 2750A, 276A



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ANSI/BHMA A156.21 THRESHOLDS - CROSS REFERENCE (Cont.)

ANSI No.	Pemko Item#	
J32130	158A, 166A, 169A, 1700A, 1701A, 1715A, 1716A, 1716A, 171A, 172A, 176A, 2548A, 2549A, 2550A, 2555x253A, 256x6A, 256x6A, 270A, 2715A, 2716A, 271A, 2727A, 272A, 2746x6A, 2748A, 2749A, 2750A, 276A	
J32134	236A, 2364A, 2366A	
J32138	158A, 2727A	
J32139	252x2AFG, 252x3AFG, 253x3AFG, 253x4AFG, 253x6AFG, 254x4AFG, 254x5AFG, 255x253AFG, 255x5AFG, 255x5AFG, 273x3AFG, 273x4AFG, 2746x6AFG, 274x4AFG	
J32140	236A	
J32180	157A, 1571A, 158A, 182A, 2727A	
J32190	252x2AFG, 252x3AFG, 253x3AFG, 253x4AFG, 253x6AFG, 254x4AFG, 254x5AFG, 255x253AFG, 255x5AFG, 255x5AFG, 273x3AFG, 273x4AFG, 2746x6AFG, 274x4AFG	
J32193	252x2AFG, 252x3AFG, 253x3AFG, 253x4AFG, 253x6AFG, 254x4AFG, 254x5AFG, 255x253AFG, 255x5AFG, 255x5AFG, 273x3AFG, 273x4AFG, 2746x6AFG, 274x4AFG	
J32200	1715AK, 2715AK, 2716AK	
J32230	1715AK, 1716AK, 2715AK, 2716AK	
J32300	151A, 1546A, 1547A, 154A, 173A, 174A, 175A	
J32330	151A, 1546A, 1547A, 154A, 173A, 174A, 175A	
J33100	157A, 1571A, 182A, 1875A, 1877A, 227A, 229A, 252A, 253A, 254A, 2555A, 255A, 2565A, 256A, 273A, 2746A, 274A, 278A, 279A	
J33130	227A, 229A, 252A, 253A, 254A, 255A, 2565A, 256A, 273A, 2746A, 274A, 278A, 279A	
J33133	273A, 2746A, 274A, 278A, 279A	
J33180	1875A, 1877A	
J34170	101A, 107A, 114A, 121A, 123A	
J35100	177A, 179A, 181A, 2005A, 2006A, 2008A, 252x226A, 253x226A, 254x226A, 255x226A, 2705A, 277A	
J35130	2005A, 206A, 2008A, 2705A	
J35190	252x226AFG, 253x226AFG, 254x226AFG, 255x226AFG	
J35300	159A, 185A, 1855A	
J36100	177AT, 179AT, 181AT, 2005AT, 2006AT, 2006STC, 2007AT, 2008APK, 2009APK, 2010APK, 252x226A, 252x266A, 253x226A, 254x226AT, 255x226AT, 2705A, 277AR, 277AS	
J36130	2005A, 2005AT, 2006AT, 2006STC, 2008APK, 2009APK, 2010APK, 2705A, 273x224AFG, 273x292AFG, 2746x292AFG, 274x224AFG, 274x292AFG, 278x224AFG, 278x292AFG, 279x2224AFG, 279x292AFG	
J36139	273x224AFG, 273x292AFG, 2746x292AFG, 274x224AFG, 274x292AFG, 278x224AFG, 278x292AFG, 279x292AFG	
J36190	252x226AFGT, 253x226AFG, 253x226BFG, 254x226AFG, 255x226AFG, 273x224AFG, 273x292AFG, 2746x292AFG, 274x224AFG, 274x292AFG, 278x224AFG, 278x292AFG, 279x224AFG, 279x292AFG	
J36193	273x224AFG, 273x292AFG, 2746x292AFG, 274x224AFG, 274x292AFG, 278x224AFG, 278x292AFG, 279x292AFG	
J36200	2705AK	
]36230	2705AK	

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ANSI/BHMA A156.21 THRESHOLDS - CROSS REFERENCE (Cont.)

ANSI No.	Pemko Item#
J36300	159AT, 185AT, 1855AT
J37100	190A, 191A, 192A, 193A, 228A, 2266A, 2286A, 19125A
J37130	190A, 191A, 192A, 193A, 228A, 2266A, 2286A, 19125A
J37200	190AK, 191AK, 192AK, 193AK, 19125AK
J37230	190AK, 191AK, 192AK, 193AK, 19125AK
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J37330	14/1A, 174C, 18/1A, 1951A, 195A, 196A, 200A
J37400	14/1A, 18/1A
J37430	14/1A, 18/1A
J38130	257A, 259A, 257x259A, RAMP10A, RAMP11A, RAMP12A, RAMP1A, RAMP2A, RAMP3A, RAMP4A, RAMP5A, RAMP6A, RAMP6A, RAMP7A, RAMP8A, RAMP9A, WING10, WING16, WINGEXT
J38230	257AK, 259AK, 257x259AK, 257x259BK, RAMP10AK, RAMP11AK, RAMP12AK, RAMP1AK, RAMP2AK, RAMP3AK, RAMP4AK, RAMP5AK, RAMP6AK, RAMP7AK, RAMP8AK, RAMP9AK, WING10K, WING16K, WINGEXT
J39100	176A, 193Ax2/195A, 2548A, 257Ax259A, 2748A, 276A, RAMP1A
J39130	176A, 193Ax2/195A, 2548A, 257Ax259A, 2748A, 276A, RAMP1A
J39135	176A, 176Ax170A, 176Ax171A, 2548A, 2548Ax170A, 2548Ax171A, 257Ax259A, 2748A, 2748Ax270A, 2748Ax271A, 276A, 276Ax270A, 276Ax271A, RAMP1A
J39150	176A, 176Ax170A, 176Ax171A, 2548A, 2548Ax170A, 2548Ax171A, 257Ax259A, 2748A, 2748Ax270A, 2748Ax271A, 276A, 276Ax270A, 276Ax271A, RAMP1A
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J52338	158SS
J52339	252x2SSFG, 252x3SSFG, 252x4SSFG, 253x3SSFG, 253x4SSFG, 254x4SSFG
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J52393	252x2SSFG, 252x3SSFG, 252x4SSFG, 253x3SSFG, 253x4SSFG, 254x4SSFG
J53300	252SS, 253SS, 254SS
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J53300	252SS, 253SS, 254SS
J53330	252SS, 253SS, 254SS



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RAMP ORDERING INFORMATION

Flush Applications

Example:	R 1 F M	R AK		
Product	Floor Offset Height	Application	Option	Finish
R = Ramp	.5 = ½"	F = Flushes out to floor offset	MR = Miter Return (1 pair)	A = Aluminum (mill finish) AK = PemKote™ (skid-resistant surface)
	.75 = ¾''			
	1 = 1"			
	1.25 = 1-¼"			
	1.5 = 1-½"			
	1.75 = 1-¾"			
	2 = 2"			
	2.25 = 2-1⁄4"			

Offset Applications - 7" Top Plate

Example: F	R 1 OS MF	R AK		
Product	Floor Offset Height	Application	Option	Finish
R = Ramp	.5 = ½"	OS = Up & over offset w/ 7" top plate	MR = Miter Return (1 pair)	A = Aluminum (mill finish) AK = PemKote™ (skid-resistant surface)
	.75 = ¾"			
	1 = 1"			
	1.25 = 1-¼"			
	1.5 = 1-½"			
	1.75 = 1-¾"			
	2 = 2"			

Offset Applications - 31/2" Top Plate

Example: R 2 OSS MR AK

Product	Floor Offset Height	Application	Option	Finish
R = Ramp	.5 = ½"	OSS = Up & over offset w/ 3-½" top plate	MR = Miter Return (1 pair)	A = Aluminum (mill finish) AK = PemKote™ (skid-resistant surface)
	.75 = ¾"			
	1 = 1"			
	1.25 = 1-¼"			
	1.5 = 1-½"			
	1.75 = 1-¾"			
	2 = 2"			
Ы	емко			
	EMIKO			
AS	SA ABLOY			800-824-3018 v
				Check the web site for the up

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MODULAR RAMP THRESHOLD ASSEMBLIES

- Assemblies accommodate 1/2" to 21/4" floor offsets in meeting the 1:12 slope requirements of the "Americans with Disabilities Act". Even higher offsets can be accommodated by using the risers, RAMP13_ and RAMP14_
- "MR" in a product number denotes that one-pair of miter returns (and extenders, if applicable) is included. Otherwise, we recommend filling and feathering the threshold ends with grout. Do not leave threshold ends open
- Miter Returns are available for offsets up to 21/4"

Flush Applications

¹/₂" Floor Offset



R.5F_ R.5FMR_ **	AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP ASSEMBLY LENGTH: 6 ¹ /8" # OF COMPONENTS: 1
³ / ₄ " Floor Offset	E
R.75F_ R.75FMR_ **	AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP ASSEMBLY LENGTH: 9 ¹ /4" # OF COMPONENTS: 2
1" Floor Offset R1F_	AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP
R1FMR_**	ASSEMBLY LENGTH: 12 ³ /s" # OF COMPONENTS: 2



1¹/₂" Floor Offset R1.5F

BHMA AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP ASSEMBLY LENGTH: 185/8' R1.5FMR ** # OF COMPONENTS: 3 1³/₄" Floor Offset BHMA

R1.75F AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP ASSEMBLY LENGTH: 213/4 R1.75FMR ** # OF COMPONENTS: 4





🖳 顲 BHMA

AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP ASSEMBLY LENGTH: 247/8 R2FMR_ ** # OF COMPONENTS: 4

2¹/₄" Floor Offset

R2.25F_	AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP
R2.25FMR_**	ASSEMBLY LENGTH: 28" # OF COMPONENTS: 5

Complete assembly drawings available online

NOTE: Greater offset may be accomplished by using Pemko risers. **Miter Returns are not ADA Compliant

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating) BSP (Black Suede Powder Coated Aluminum) WSP (White Suede Powder Coated Aluminum) 800-824-3018 | www.pemko.com

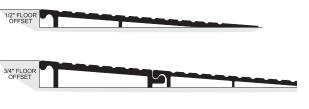
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- Assemblies are supplied with #10 stainless steel wood screws. Stainless steel machine screws and expansion shields are available at an extra cost
- Assemblies allow for custom fabrication; please consult Pemko Customer Service
- · Assemblies are provided NET length
- · Miter returns will add 2 pieces to total components; miter returns with extenders will add 4 pieces to total components

PemKote[™] is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present.

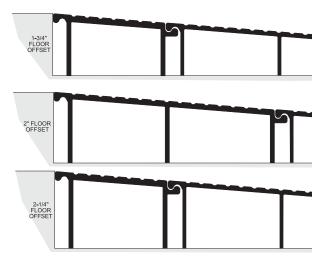






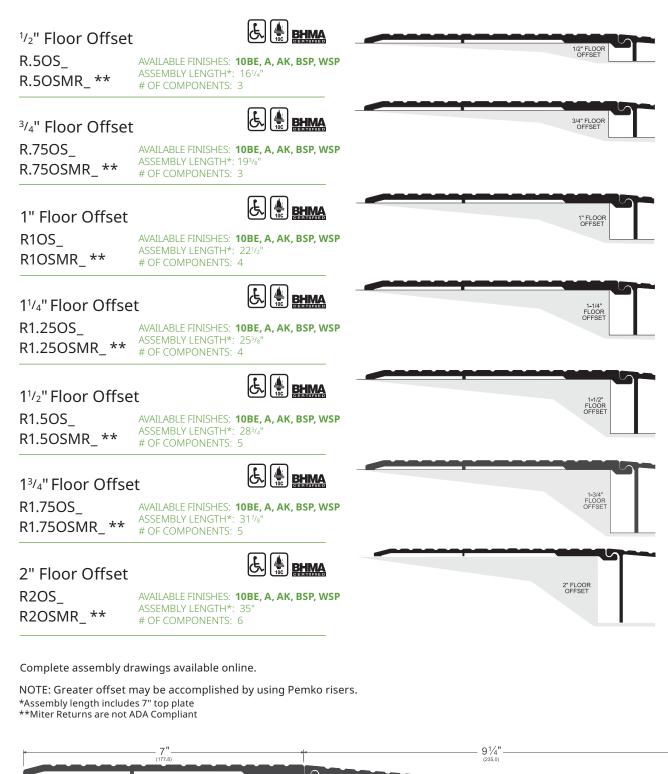






ΡΕΜΚΟ ASSA ABLOY

OFFSET APPLICATIONS (7" TOP PLATE)



Assembly Shown: R.50S

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

1/2" FLOOI OFFSET

10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating) BSP (Black Suede Powder Coated Aluminum) WSP (White Suede Powder Coated Aluminum)

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ASSA ABLOY

Pemko Modular Ramps

SHORT OFFSET APPLICATIONS (31/2" TOP PLATE)

¹ /2" Floor Offset R.5OSS_ R.5OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	123/4"	VSP	1/2" FLOOR OFFSET	
³ / ₄ " Floor Offset R.75OSS_ R.75OSSMR_**	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	: 157/8"	VSP	3/4* FLOOR OFFSET	
1" Floor Offset R1OSS_ R1OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	: 19"	VSP	1" FLOOR OFFSET	
1 ¹ / ₄ " Floor Offset R1.25OSS_ R1.25OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	221/8"	VSP	1-1/4* FLOOR OFFSET	
1 ¹ /2" Floor Offset R1.5OSS_ R1.5OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	: 251/4"	VSP	1-1/2" FLOOR OFFSET	
1 ³ /4" Floor Offset R1.75OSS_ R1.75OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	283/8"	VSP	1-3/4" FLOOR OFFSET	
2" Floor Offset R2OSS_ R2OSSMR_ **	AVAILABLE FINISHES: ASSEMBLY LENGTH* # OF COMPONENTS:	: 311/2"	VSP	2' FLOOR OFFSET	
	-	by using Pemko r late	isers.		
31/2" ((80.9)) 3/4" FLOOR OFFSET					
Assembly Shown: R.750	SS				
AVAILABLE FINISHES FOR PR(10BE (Satin Bronze Powder Co AK (Mill Finish Aluminum with WSP (White Suede Powder Co	oated Aluminum) A (Mill PemKote™ Non-Slip Coa	Finish Aluminum)	e Powder Coated Aluminu	m)	ΡΕΜΚΟ
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MODULAR RAMP THRESHOLD COMPONENTS

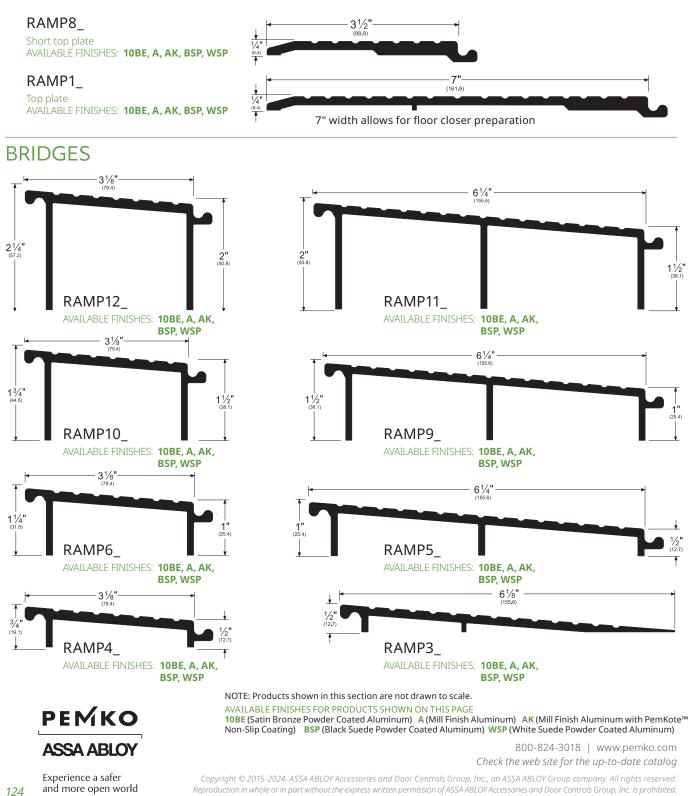
- · Components are generally sold as part of assemblies
- Ramp Assemblies consist of interlocking components, eliminating the need to weld joints. Interlocking ball-joint design allows each component to flex and conform to uneven surfaces
- All assemblies carry the following labels:



 PemKote[™] is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present

NOTE: The following pages are for component identification only. Do not order from these pages. Order only complete assemblies from pages 140 to 142

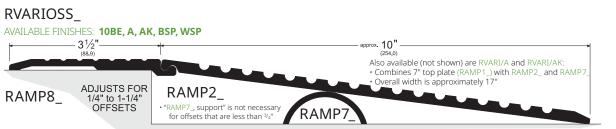
TOP PLATES



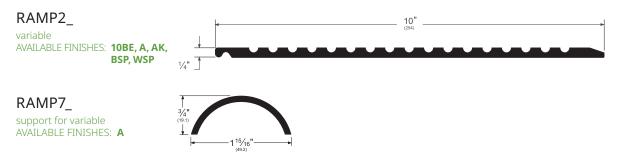
MODULAR RAMP THRESHOLD ASSEMBLIES - VARIABLES

- Use a "Variable" component to accommodate offsets from ¹/₂" to 1¹/₄". These meet the 1:8 maximum slope allowance (ADA) for existing buildings. For new construction, this assembly is only ADA compliant in certain applications as outlined by the current ADA standard
- May require a variance from some state building codes, even though ADA compliant
- Ideal for use in cross traffic corridors where a minimal ramp projection may be required and a steeper slope may be allowed. Supplied with #10 stainless steel sheet metal screws. Stainless steel machine screws and expansion shields are available at an extra cost
- Miter returns are not available due to the variable angle of this ramp. Please fill and feather the threshold ends. Do not leave threshold ends open
- This variable ramp is supplied un-drilled from Pemko. Due to the variance in the angle, it must be drilled in the field.
 For proper installation, it requires the RAMP7_ to be placed under RAMP2_ after the assembly is in place, then must be match drilled and anchored through both components
- PemKote[™] is highly recommended for all ramp threshold assemblies especially exterior conditions where moisture may be present
- In addition to ADA compliance, outlined previously, all assemblies carry the following labels:



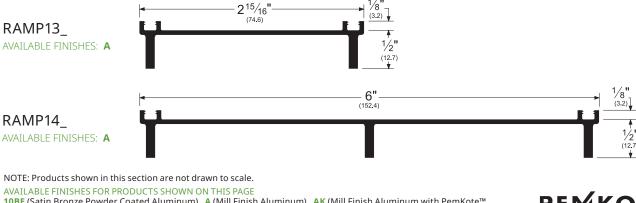


VARIABLE RAMP COMPONENTS



RISERS FOR MODULAR RAMPS

- Risers easily attach to the legs of Pemko's Modular Ramp Systems. Each adds $^{1}\!\prime_{2}"$ in height to accommodate offsets greater than $2^{1}\!\prime_{4}"$
- Contact Pemko Customer Service for information on stacking risers to reach desired height



10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating) BSP (Black Suede Powder Coated Aluminum) WSP (White Suede Powder Coated Aluminum)

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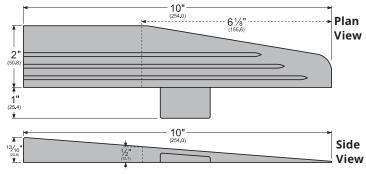
MITER RETURNS FOR ALL MODULAR RAMP THRESHOLDS

- Cast aluminum "wings" fit into end of modular ramp threshold assembly and are fastened to ramp mid sections with self-tapping machine screws
- Neat, compact, and tight-fitting design replaces former mitering methods
- Miter Returns are match-drilled with each assembly
- Miter Returns are not "ADA" compliant
- Miter Returns are handed from the low end and are determined by which side of the ramp it fits into BHMA

WING10_H_

AVAILABLE FINISHES: **A, AK**

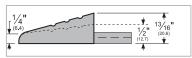
• WING10 can be trimmed to fit ramp assembly (dotted lines show cut down for use with R.5FMR_)



WING10RH_

(right-hand shown)

End View

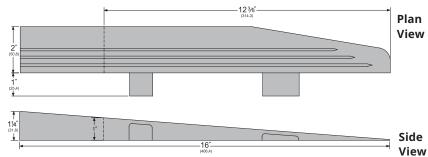


View from high-end

WING16_H_

AVAILABLE FINISHES: **A, AK**

• WING16 can be trimmed to fit ramp assembly (dotted lines show cut down for use with R1FMR_)



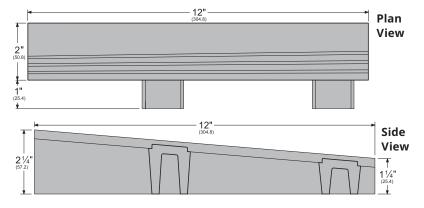


View from high-end

WINGEXT_H_

AVAILABLE FINISHES: **A, AK**

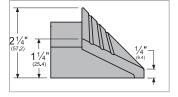
• WINGEXT are included with assemblies to completely fill ends for 2" offset or 2¹/₄" flush conditions WINGEXT works in conjunction with WING16 for these higher offset conditions



WINGEXTRH_

(right-hand shown)





View from high-end

See flyer on the Literature page of www.assaaabloydooraccessories.us for WING cut-down chart.



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote™ Non-Slip Coating)

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BARRIER-FREE RAMP THRESHOLDS

- The modular ramp thresholds are an improvement over the **257/259** however, **257/259** will remain available for special requirements
- Use **257**_ and **259**_ together, or use **257**_ with an abutted 1:12 concrete slope
- When used as a cover plate assembly (see Commercial Thresholds section), a longer spindle may be required
- Ramps on this page are not ADA compliant when used at a door opening
- The **257_** is not ADA compliant when used alone.
- PemKote[™] is highly recommended for all threshold assemblies, especially exterior conditions where moisture may be present

257x259 AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP 1/4 (6.4) 1/2" OFFSET 12" WING10 can also be BHMA used 259 AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP V 1/2" (12.7) OFFSE' 6" (152.4) BHMA 257 AVAILABLE FINISHES: 10BE, A, AK, BSP, WSP 3/4" 1/4"_____ (6.4) OFFSET 1/2" (12.7) ↓ (19.1) ¥ 6" (152.4) BHMA NOTE: Products shown in this section are not drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) AK (Mill Finish Aluminum with PemKote[™] Non-Slip Coating) BSP (Black Suede Powder Coated Aluminum) WSP (White Suede Powder Coated Aluminum)

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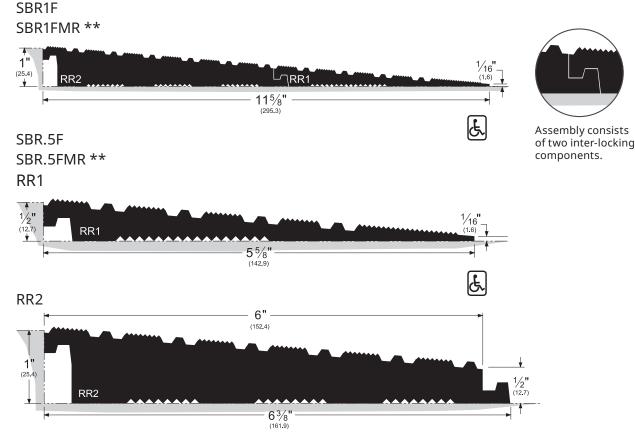
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Pemko Modular Ramps

FIRE RETARDANT AND STYRENE BUTADIENE RUBBER RAMP THRESHOLDS

- Rubber ramps meet the requirements of ADAAG-2010; IBC/ANSI A117.1; and California Title 24, Part 2
- Styrene butadiene rubber ramps are weather, ozone, abrasion, and impact resistant; long-lasting and fire retardant
- Rubber ramps are sold in one foot increments up to 15-foot lengths
- · Rubber ramps can be butted together for longer lengths
- Rubber ramps are cut square on each end but are available with molded rubber miter returns. To receive a pair of miter returns, add "**MR**" to the part number (example: **SBR.5FMR**)
- Rubber ramps have a superior grip, anti-slip surface and a "no bump" tapered lead edge. Rubber ramps are classified by Underwriters Laboratories, Inc.,[®] as a skid-resistant floor surface per UL standard for safety, UL410. Rubber ramps also meet the requirements of ASTM D 2047 and Federal Specification P-F-430C

- Rubber ramps are easy to install on most surfaces by using a construction adhesive. Mechanical fasteners are not required and not recommended
- Rubber ramps are also portable. For temporary applications, an assembly stays in place by its sheer weight and can be removed from one opening and placed at another opening
- Use an adhesive (caulk) suitable for use with plastics and your flooring material for proper installation and adhesion
- Rubber ramps are available for 1/2" and 1" offset heights
- Rubber ramps can be cross-cut to length or ripped to a custom offset height using a table or radial arm saw with a carbide-tipped blade. These modifications must be made in the field



This component (RR2) is not ADA compliant when used by itself.

NOTE: Products shown in this section are not drawn to scale.

** = Miter Returns are not ADA compliant



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RECYCLED RUBBER RAMP ASSEMBLY

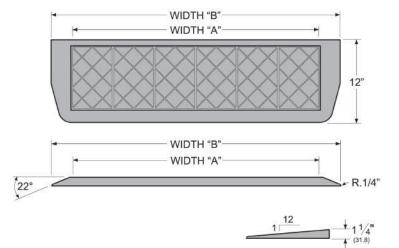
- ADA Compliant, based on application
- Meets: UL410, ASTM D2047, Federal Specification P-F-430C
- Recycled Rubber Ramp Assemblies meet IBC/ANSI A117.1-2013
- Made from #20 mesh minus crumb rubber (with urethane binders) reclaimed from 100% recycled rubber automotive tires
- Use an adhesive (caulk) suitable for use with plastics and your flooring material for proper installation and adhesion. Avoid Liquid Nails with Rubber Ramps

- · Using ordinary tools, trim to fit your application
- Can be ripped for offsets less than $1^{1\!/}\!4^{\prime\prime}$
- Plane bottom surface of ramp to accommodate irregular surface conditions
- Miter returns are molded into the design of the Recycled Rubber Ramp
- 36" and 60" ramps are supplied as one (1) piece assemblies
- + 48" and 72" ramps are supplied as two (2) piece assemblies
- Dimensions are nominal and can vary by as much as one inch. This is acceptable as long as the two halves match

Ordering Chart

Other sizes are available, please contact Pemko Customer Service.

PART #	WIDTH "A" (door opening)	WIDTH "B" (total width)
RR1.25FMR36	36"	41"
RR1.25FMR48	48"	53"
RR1.25FMR60	60"	65"
RR1.25FMR72	72"	77"
RR1.25FMR96	96"	101"





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PEMKO DOOR BOTTOMS

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90100	14	5
293100	14	5
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EGA305xG	13	8
EV80	13	8
K411	13	7
K412	13	7
K420	13	7
K435	13	7
K435-PREM	13	7
K436	13	7
K436SM	13	7
K4133	13	7
K4301	13	7
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AUTOMATIC DOOR BOTTOMS

- All Pemko Automatic Door Bottoms, 24" and up, can be manufactured for field alteration. Please specify when ordering: Allow 2" for field trimming
- Overall sizes range from 12" to 72". Sizes between 12" and 23.9" will be supplied at absolute NET length and will have no room for field trimming.
- 0.0625" Lead-lining available upon request; contact Pemko Customer Service for options on profiles
- Provided with end plate kits (except 420, SA, and 405V models) which include wood screws. Tek screws are available for mounting to hollow metal doors.
- See Planet Automatic Door Bottoms for additional models made by ASSA ABLOY Schweisse and offered in the U.S.A. by Pemko.

IMPORTANT DROP BAR INFORMATION

Drop seals of all types are designed to close a uniform size gap. Pemko drop seals can seal up to ¾" gaps (420 model can seal up to ½" gap), provided the gap is consistent. Gaps that start at less than ¾" and then grow cannot be closed. The drop seal utilizes a straight aluminum extrusion so it cannot close an inconsistent gap.Plunger extension to drop dimension is 1:1 (i.e., a ¼" extension on the plunger will equal a ¼" drop of the drop bar).

DROP-BAR SEAL ACTUATION

The drop bar mechanism prevents the seal from skidding along the floor/threshold while the door is being closed.

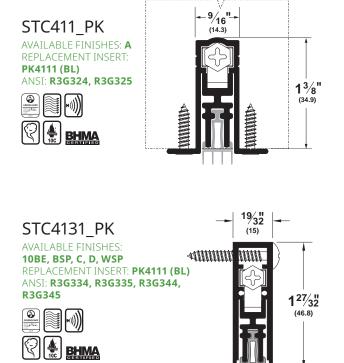




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AUTOMATIC DOOR BOTTOMS - ACOUSTIC

- Non-handed
- Recommended gap under door is ³/₈" for optimal acoustic performance; max drop is ³/₄"
- Internal mechanism allows bar to accommodate slight imperfections in floor materials
- STC411 end plate kit is K435; for doors narrower than 1-¾", specify end plate kit K411
- STC4131 end plate kit is K4133C for Clear Anodized and K4133D for Dark Bronze Anodized



NOTE: STC411_PK Automatic Door Bottom is now included in PEMKOSTCSET-1 (A through E). Please see Acoustic Products section for more information.

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 BSP (Black Suede Powder Coated Aluminum)

 C (Clear Anodized)
 D (Dark Bronze Anodized)
 WSP (White Suede Powder Coated Aluminum)

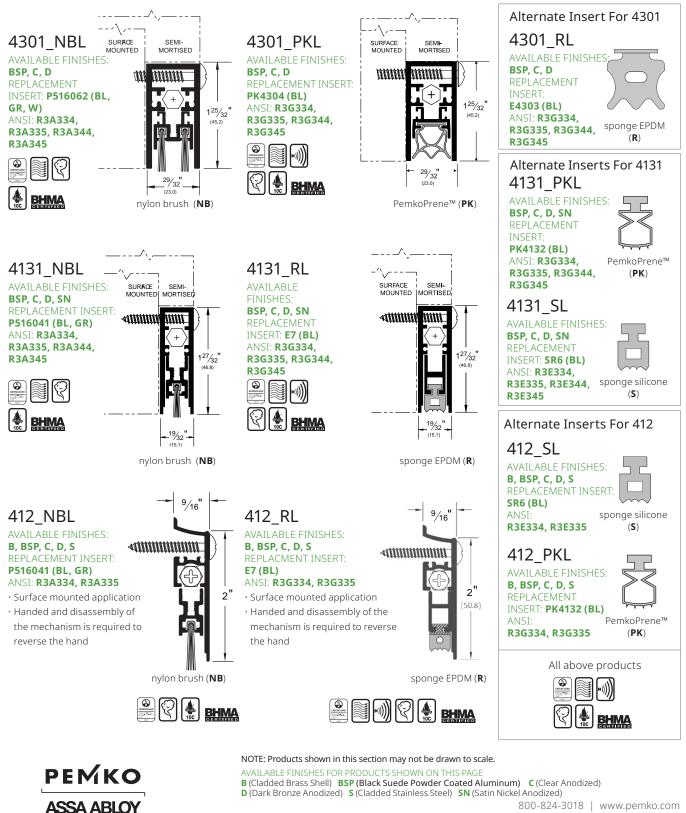
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AUTOMATIC DOOR BOTTOMS -SURFACE AND SEMI-MORTISE MODELS

- Specify if the Automatic Door Bottom is for a semi-mortise application so that shorter screws can be provided
- Recommended gap under door is ½;" maximum drop is ¾"
- 4301 end plate kit is K436 for surface mounted applications and K436SM for semi-mortised applications
- 4131 end plate kit is K4133
- 412 end plate kit is K412R1



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AUTOMATIC DOOR BOTTOMS - FULL-MORTISE MODELS

434_RL

AVAILABLE FINISH: A

ANSI: R3G324. R3G325

²⁷/₃₂

(21.4)

sponge EPDM **(R**)

@

411 RL

AVAILABLE FINISH: A

ANSI: R3G324, R3G325

⁹∕16"→ (14.3)

sponge EPDM (**R**)

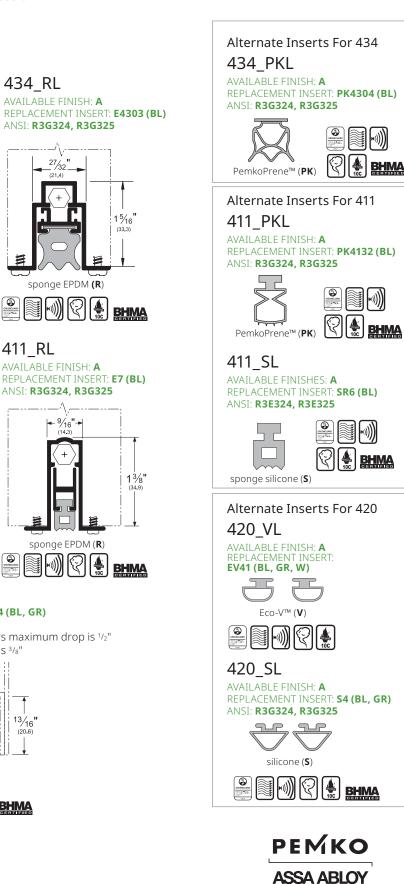
H))))

M 🖗 鱶

1 5/16

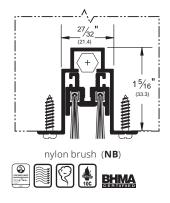
(33.3)

- Recommended drop is 1/2"; maximum drop is 3/4", except where noted
- 411 and 434 end plate kit is K435. When using 411 model on doors narrower than 1 ³/₄", specify end plate kit K411
- 420 is used on hollow metal doors and does not come with end plates; requires a hole for the plunger to extend through in the hinge side door edge.



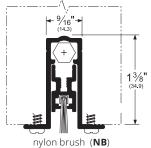
434_NBL

AVAILABLE FINISH: A REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A324, R3A325



411 NBL

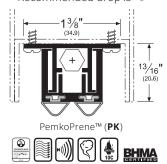
AVAILABLE FINISH: A REPLACEMENT INSERT: P516041 (BL, GR) ANSI: **R3A324, R3A325**



420_PKL

AVAILABLE FINISH: A REPLACEMENT INSERT: S4 (BL, GR) ANSI: R3G324, R3G325

• For hollow metal doors maximum drop is 1/2" Recommended drop is ³/₈"



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum)

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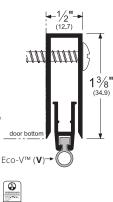
RESIDENTIAL AUTOMATIC DOOR BOTTOMS

SA1_, SA2_, SA3_, SA4_

AVAILABLE FINISHES: **A** (no finish selection), **D** AVAILABLE LENGTHS: **28"**, **32"**, **36"**, **42"** REPLACEMENT INSERT: **EV5 (BL)**

• Surface type for wood doors

- ¹/₂"maximum drop
- · Can be trimmed down by as much as 2"
- Non-handed
- End plates are not provided



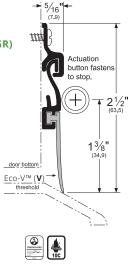
405_V

AVAILABLE FINISHES: C, D, PW

REPLACEMENT INSERT: **EV43 (BL, GR)** • Spring loaded door bottom

- sweep
- · Available in 36" length only
- May be cut down to 24"
- minimum length





136

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) PW (Painted White)

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PEMKO ASSA ABLOY

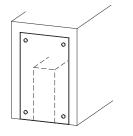
END PLATES FOR AUTOMATIC DOOR BOTTOMS

434 End Plates

Mortise

- Metal end plates are provided to protect the mechanism and
 Necessary fasteners are provided with End Plate kits; to give a clean, aesthetic appearance. Do not tighten with power tool
- · Plunger end plate prevents the plunger adjustment from rotating

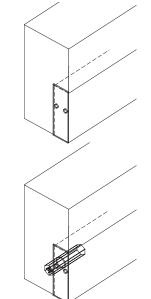
411 and STC411[®] **End Plates Mortise**











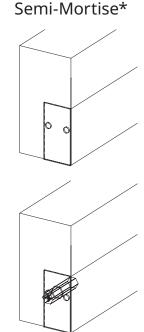
color corresponds with case color

· All end plates are black in color

4131 and STC4131®

Auto Door Bottom

Semi-Mortise*



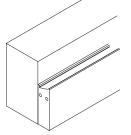
4301 Auto

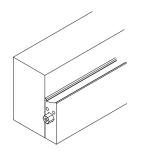
Door Bottom

Automatic Door Bottom Kits		
K411	Optional Kit for 411 and STC411 Door Bottom, 1 ³ /8" Doors	
K412R1C	Kit for new style 412 Door Bottom - Clear	
K412R1D	Kit for new style 412 Door Bottom - Dark Bronze	
K4133C	Kit for 4131, STC4131 Door Bottoms, Clear	
K4133D	Kit for 4131, STC4131 Door Bottoms, Dark Bronze	
K4133G	Kit for 4131 Door Bottom, Bright Dip Gold	
K420	Kit for 420 Door Bottom	
K435	Standard Kit for 411, 434, and STC411 Door Bottom	
K436	Kit for 4301 Door Bottom (surface)	
K436SM	Kit for 4301 Door Bottom (semi-mortised)	
K435-PREM	Special End-Support Mounting Kit for 434 (sold separately)	

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412 New Style End Plates





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EXCESSIVE GAP DOOR BOTTOM SOLUTIONS

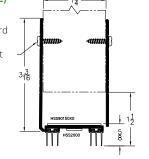
- Brings fire-rated doors with excessive bottom gaps back into spec - up to 1-1/2"
- · UL Classified for 90-minutes

XG2212 PK773

AVAILABLE FINISHES: A, BSP, WSP, 10BE REPLACEMENT INSERT: PK773 (BL)

- Aluminum construction
- · Easily field modifiable with standard equipment
- Supplied with K450XG end plate kit Patent Pending





· Supplied net length (as ordered)

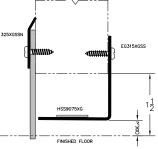
Patent Pending

325XGSSN

. (h).

AVAILABLE FINISHES: SS, SSBSP, SSWSP, SS10BE REPLACEMENT INSERT: N25 (BL)

- · Stainless steel door sweep paired with
- stainless steel angle
- #4 brushed stainless steel
- · Supplied with K450XG end plate kit



EXCESSIVE GAP DOOR TOP SOLUTIONS

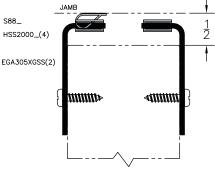
- Brings fire-rated doors with excessive top gaps back into spec up to 1/2"
- · UL Classified for 90-minutes
- Supplied net length (as ordered)

EGA305XG_

AVAILABLE FINISHES: SS, SSBSP, SSWSP, SS10BE

- · Stainless steel construction, #4 brushed
- Supplied with HSS2000 intumescent
- Supplied with K450XG end plate kit





2170 V

Also available with

unnotched insert:

2170_V36UN 2170_V48UN

CREDVCLWAD

AVAILABLE COLORS: D, W

AVAILABLE LENGTHS: 36", 48"

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder) A (Mill Finish Aluminum) BSP (Black Suede Powder)

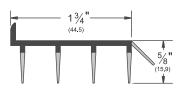
ECO-V[™] DOOR SHOES

- Dual durometer Eco-V[™] door shoe
- EV80_ is furnished net 36"
- · Supplied Net Length (as ordered)

EV80

138

AVAILABLE FINISHES: D AVAILABLE LENGTHS: 36" NET





Experience a safer and more open world SS (Stainless Steel) WSP (White Suede Powder) Eco-V® DOORS SHOES: D (Dark Brown) W (White)

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15/16

9/16

13/4

vuuute>

11/8"

DOOR SHOFS

- Profiles on this page available with PemkoPrene[™] (PK) or Eco-V[™] (V); both are the same shape and size
- · Slotted holes for easy adjustment
- · Rain drip model is ideal for deflecting rain away from the bottom of door

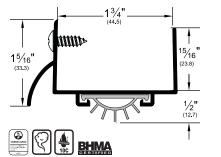
216 V

AVAILABLE FINISHES: A, B, BDG, BSP, D, SN, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D514**

216 PK

AVAILABLE FINISHES: A, B, BDG, BSP, D, SN, WSP REPLACEMENT INSERT: PK9 (BL, GR)

ANSI: R3G514

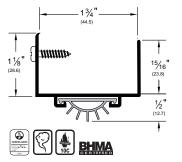


217 V

AVAILABLE FINISHES: A, BSP, D, G, SN, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D414**

217 PK

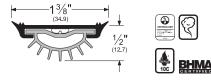
AVAILABLE FINISHES: A, BSP, D, G, SN, WSP REPLACEMENT INSERT: PK9 (BL, GR) ANSI: **R3G414**



209 V

AVAILABLE FINISHES: **A, BSP, D** REPLACEMENT INSERT: EV15 (BL, GR) ANSI: **R3D414**

Supplied Net Length (as ordered)



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) WSP (White Suede Powder Coated Aluminum)

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215 V

AVAILABLE FINISHES:**A, BDG, BSP, D, PW, SN** REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D514**

215 PK

211 V

ANSI: **R3D414**

ANSI: **R3G414**

uuuun

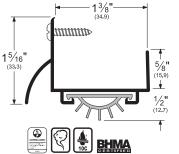
1¹/8"

11/4'

(31.8

211 PK

AVAILABLE FINISHES:A, BDG, BSP, D, PW, SN REPLACEMENT INSERT: PK9 (BL, GR) ANSI: **R3G514**



Recommended compression of gasket fins is 1/16"

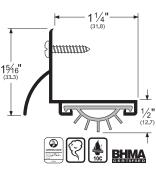
• Except where specified otherwise, supplied with 1/4" undercut from length ordered. Specify "NET LENGTH" to receive length as ordered.

210 V

AVAILABLE FINISHES: A, BSP, D, PW, SN REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D514**

210 PK

AVAILABLE FINISHES: A, BSP, D, PW, SN REPLACEMENT INSERT: PK9 (BL, GR) ANSI: **R3G514**



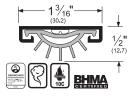
234 V

AVAILABLE FINISHES: A, BSP, D, G REPLACEMENT INSERT: EV9 (BL, GR) ANSI: R3D414

234 PK

AVAILABLE FINISHES: **A, BSP, D, G** REPLACEMENT INSERT: PK9 (BL, GR) ANSI: **R3G414**

· Supplied Net Length (as ordered)



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139

AVAILABLE FINISHES: A, BSP, D, G, WSP

AVAILABLE FINISHES: A, BSP, D, G, WSP

1/2" (12.7)

REPLACEMENT INSERT: PK9 (BL, GR)

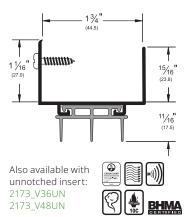
REPLACEMENT INSERT: EV9 (BL, GR)

DOOR SHOES (Cont.)

- Notched-fin gaskets (where applicable) allow up to Except where noted, supplied with 1/4" undercut 50% free air flow
- Recommended compression of gasket fins is 1/16

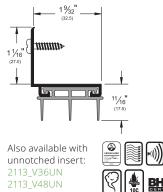
2173 V

AVAILABLE FINISHES: A, BSP, D, G, WSP AVAILABLE LENGTHS: 36", 48" REPLACEMENT INSERT: EV94 (BL) ANSI: R3D414, R3D415



2113 V

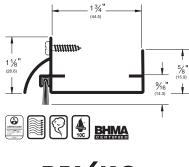
AVAILABLE FINISHES: A, BSP, D, G, WSP AVAILABLE LENGTHS: 36", 48" REPLACEMENT INSERT: EV94 (BL) ANSI: R3D414, R3D415



223 NB

AVAILABLE FINISHES: A, BSP, WSP REPLACEMENT INSERT: P516041 (BL, GR) ANSI: R3A514, R3A515

· Supplied Net Length (as ordered)





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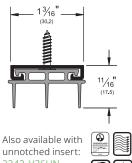
140

from length ordered. Specify "NET LENGTH" to receive length as ordered."

2343 V

AVAILABLE FINISHES: A, BSP, D, G AVAILABLE LENGTHS: 36", 48" REPLACEMENT INSERT: EV94 (BL) ANSI: R3D414, R3D415

• Supplied Net Length (as ordered)

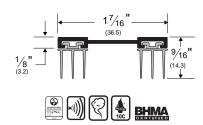


2343_V36UN 2343_V48UN

3692_PK773

AVAILABLE FINISHES: A AVAILABLE LENGTHS: 36", 48" REPLACEMENT INSERT: PK773 (BL, GR) ANSI: R3G414, R3G415

• Supplied Net Length (as ordered)



Replacement "V" gasket for Door Shoes on this page is EV94. For replacement gasket with nothed fins, add "N" to the end of the part number.

Example:

EV94BL-36.5 - Unnotched fins EV94BL-36.5N - Notched fins (for airflow)

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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DOOR SHOES (Cont.)

2212_PK773

AVAILABLE FINISHES: 10BE, A, BSP, WSP REPLACEMENT INSERT: PK773 (BL) ANSI: R3G416

- · Combination door shoe and kick plate
- Excellent Acoustic performance
- · Supplied Net Length (as ordered)

221_V

AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D414**

221 PK

AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: PK9 (BL, GR) ANSI: R3G414

- · Combination door shoe and kick plate
- Supplied Net Length (as ordered)

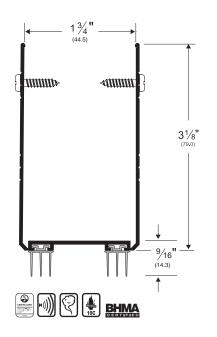
2211_V

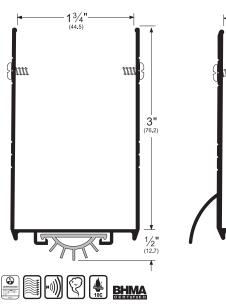
AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: **R3D514**

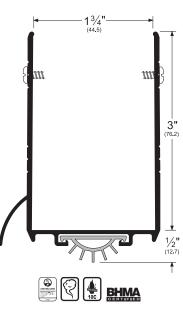
2211 PK

AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: PK9 (BL, GR) ANSI: R3G514

- · Combination door shoe and kick plate with raindrip
- · Supplied Net Length (as ordered)





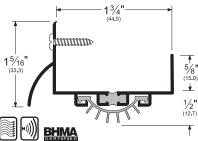


Thermally Broken Door Shoe

- Polypropylene thermal break (FG) prevents conductivity of hot or cold from exterior to interior. Supplied with PemkoPrene[™] Seal
- Supplied Net Length (as ordered)

216 FG

AVAILABLE FINISHES: A, BSP, D, SN, WSP REPLACEMENT INSERT: PK216 (BL, GR) ANSI: **R3D514**



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized) WSP (White Suede Powder Coated Aluminum) 10BE (Satin Bronze Powder Coated Aluminum)

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Pemko Door Bottoms

DOOR SWEEPS FOR HOLLOW METAL DOORS

- Profiles in this section available with PemkoPrene[™] (PK) or Eco-V[™] (V); both are the same shape and size
- · Slotted holes for easy adjustment
- · Rain drip model is ideal for deflecting rain away from the bottom of the door

222_V

AVAILABLE FINISHES: A, BSP, D, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: R3D414

222_PK

AVAILABLE FINISHES: A, BSP, D, WSP REPLACEMENT INSERT: PK9 (BL, GR) ANSI: R3G414

- For hollow metal doors with inverted bottom channel
- · Supplied Net Length (as ordered)

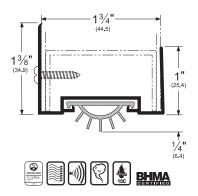
2221_V

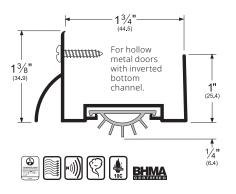
AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: R3D514

2221_PK

AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT: EV9 (BL, GR) ANSI: R3G514

· Supplied Net Length (as ordered)

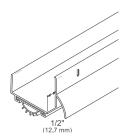




FABRICATION OPTIONS FOR DOOR SHOES

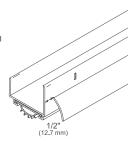
1/2" Full Notch

- Fabrication includes: removal of rain drip and front flange of door shoe to prevent interference with door stop and weatherstrip
- Ordering: order width of door leaf, and designate by adding "M" following the product number (Example: a 216AV with a ¹/₂" full notch fabrication, for a 36" door leaf = 216AVM36)



1/2" Half Notch

- Fabrication includes: removal of rain drip to prevent interference with door stop and weatherstrip
- Ordering: order width of door leaf and designate by adding "N" following the product number
- **Special:** Other half notches available are ⁹/16", ⁵/8", and ³/4" widths, please specify when ordering (Example: a **216AV** with a ¹/2" half notch fabrication, for a 36" door leaf = **216AVN36**)



NOTE: Products shown in this section may not be drawn to scale.
 AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
 A (Mill Finish Aluminum) BDC (Bright Dip Clear Anodized) BSP (Black Suede Powder Coat)
 D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coat)

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DOOR BOTTOM SWEEPS

315_N

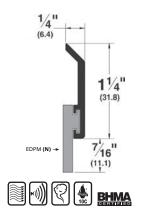
AVAILABLE FINISHES: **B, BSP, C, D, WSP** REPLACEMENT INSERT: **E315 (BL)** ANSI: **R3B434, R3B435**

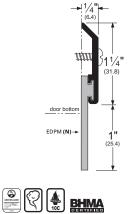
3151_N

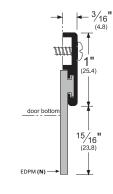
AVAILABLE FINISHES: **BSP, C, D, G, WSP** REPLACEMENT INSERT: **E321 (BL)** ANSI: **R3B434**

321_N

AVAILABLE FINISHES: **BSP, C, D, G, WSP** REPLACEMENT INSERT: **E321 (BL)** ANSI: **R3B434, R3B435**



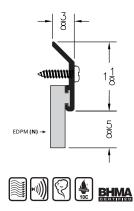






368_N

AVAILABLE FINISHES: BSP, C, D, WSP REPLACEMENT INSERT: E368 (BL) ANSI: R3B434, R3B435



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

B (Mill Finish Extruded Bronze [Brass]) BSP (Black Suede Powder Coated Aluminum)

C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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Pemko Door Bottoms

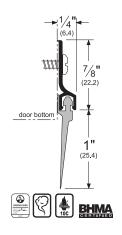
DOOR BOTTOM SWEEPS (Cont.)

307 V

AVAILABLE FINISHES: A, BSP, C, D, PW **REPLACEMENT INSERT:** EV54 (BL, GR, W) ANSI: R3D434

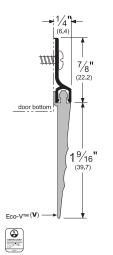
307 PK

AVAILABLE FINISHES: A, BSP, C, D, PW REPLACEMENT INSERT: **PK54 (BL, GR)** ANSI: R3G434



56 V

AVAILABLE FINISHES: A, BSP, D, WSP REPLACEMENT INSERT: EV56 (BL, GR)

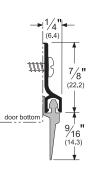


308_V

AVAILABLE FINISHES: A, BSP, C, D, PW **REPLACEMENT INSERT:** EV65 (BL, GR) ANSI: R3D434

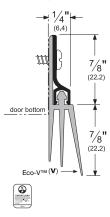
308 PK

AVAILABLE FINISHES: A, BSP, C, D, PW REPLACEMENT INSERT: PK65 (BL, GR) ANSI: R3D434





57 V AVAILABLE FINISHES: A, BSP, D, WSP **REPLACEMENT INSERT:** EV57 (BL)



3452 V

AVAILABLE FINISHES: A, BSP, C, D, WSP **REPLACEMENT INSERT:** EV65 (BL, GR, W) ANSI: R3D534

345 V

AVAILABLE FINISHES:

A, BSP, C, D, G, WSP

AVAILABLE FINISHES:

A, BSP, C, D, G, WSP

REPLACEMENT INSERT:

⁹∕16"→

11/2"

(38.1)

 $1/_{2}$ (12.7)

EV54 (BL, GR, W)

ANSI: R3D534

345 PK

PK54 (BL, GR)

ANSI: R3G534

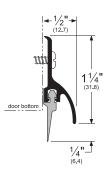
Ш

door bottom

REPLACEMENT INSERT:

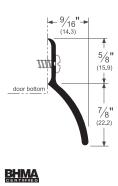
3452 PK

AVAILABLE FINISHES: A, BSP, C, D, WSP REPLACEMENT INSERT: PK65 (BL, GR) ANSI: R3G534





345 AVAILABLE FINISHES: A, B, BSP, C, D, G, WSP ANSI: **R3Y936**



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BSP (Black Suede Powder Coat) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) WSP (White Suede Powder Coat)

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DOOR BOTTOM SWEEPS (Cont.)

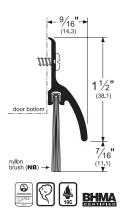


AVAILABLE FINISHES: BSP, C, D, G, WSP REPLACEMENT INSERT: P14075 (BL, GR) ANSI: R3A534



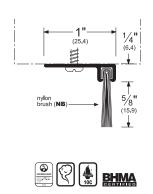
 345_NB AVAILABLE FINISHES: A, BSP, D, G, WSP REPLACEMENT INSERT:

P14100 (BL, GR) ANSI: R3A534





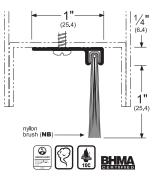
AVAILABLE FINISHES: BSP, C, D, G, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A414



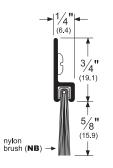
90100_NB

AVAILABLE FINISHES: BSP, C, D, WSP REPLACEMENT INSERT: P516100 (BL, GR, W) ANSI: R3A414

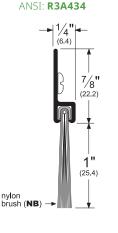
For hollow metal doors with inverted channel



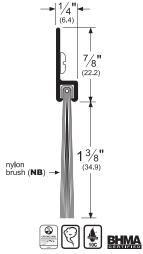
18061_NB AVAILABLE FINISHES: BSP, C, D, G, SN, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A434



18100_NB AVAILABLE FINISHES: BSP, c, d, g, WSP REPLACEMENT INSERT: P38100 (BL, GR)

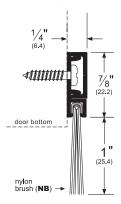


18137_NB AVAILABLE FINISHES: BSP, C, D, G, WSP REPLACEMENT INSERT: P38137 (BL, GR) ANSI: R3A434



293100_NB

AVAILABLE FINISHES: BSP, C, D, G, WSP REPLACEMENT INSERT: P516100 (BL, GR)



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) BSP (Black Suede Powder Coat) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized) WSP (White Suede Powder Coat)

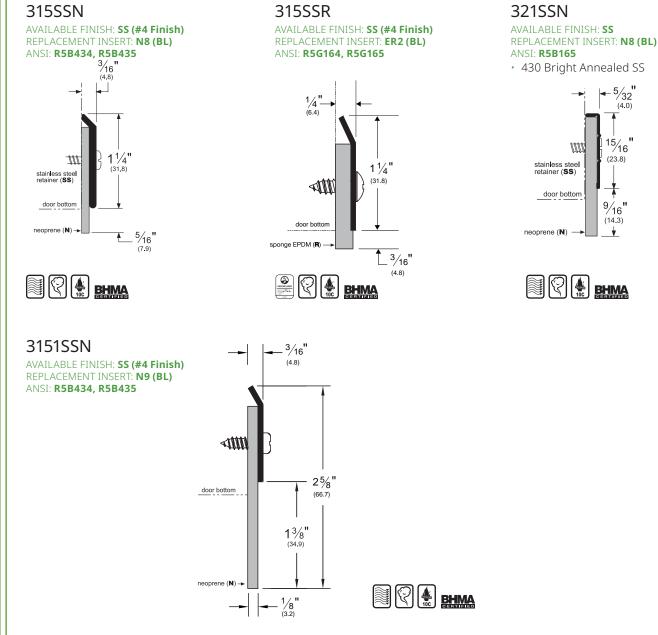
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Experience a safer and more open world Pemko Door Bottoms

STAINLESS STEEL DOOR BOTTOM SWEEPS

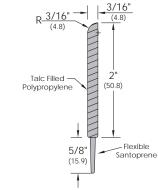


SS (See Individual Part) SFSC Finishes: BL (Black), GR (Gray)

SPECIALTY DOOR SWEEP

• Talc-filled polypropylene body with flexible PemkoPrene® fin

SFSC200 AVAILABLE FINISH: BL, GR





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...

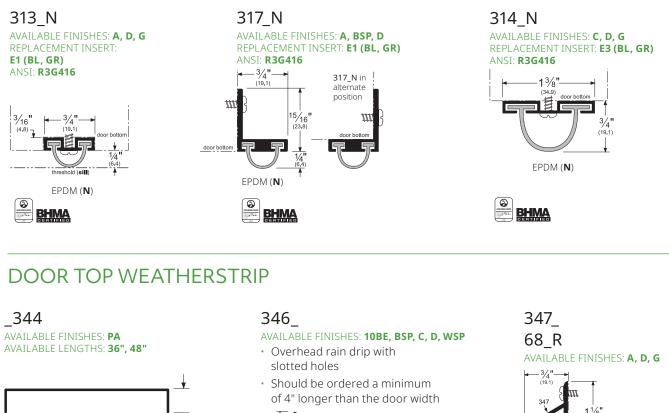
NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

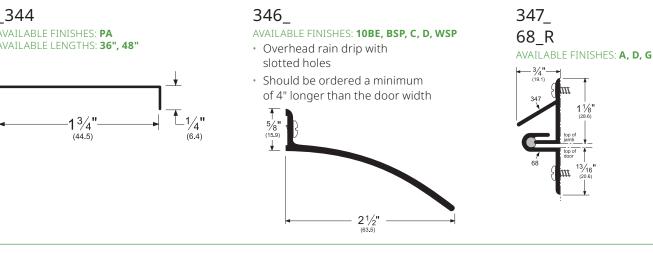
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Pemko Door Bottoms

SPECIALTY DOOR BOTTOMS

- May be used in many different applications. Some of these shapes may be used as meeting stile gasketing; see page 174 for examples
- Supplied Net Length (as ordered)





HEAVY DUTY DOOR BUMPER

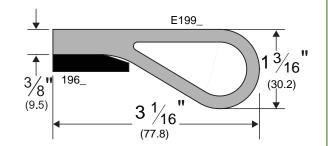
- $\cdot\,$ Heavy duty door bumper extruded from black EPDM (E)
- Order 196_ separately; furnished undrilled unless requested otherwise

E199_

AVAILABLE COLOR: **BL**







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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

TOBE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum)
 C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PA (Painted Aluminum)
 WSP (White Suede Powder Coated Aluminum)
 Non-Metal Finish: BL (Black)

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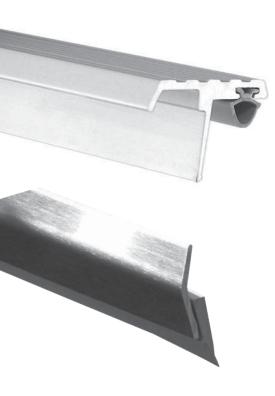
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Meeting Stile Gasketing	
Adhesive Astragal/Meeting Stile Seals	
Adjustable Astragals	
"T" and Overlapping Astragals	
Adhesive-Backed Mullion Gasketing	
Adhesive-Backed Astragal Seal	
Offset Security Bar	
Locking Astragals	
Outswing Locking Astragals	

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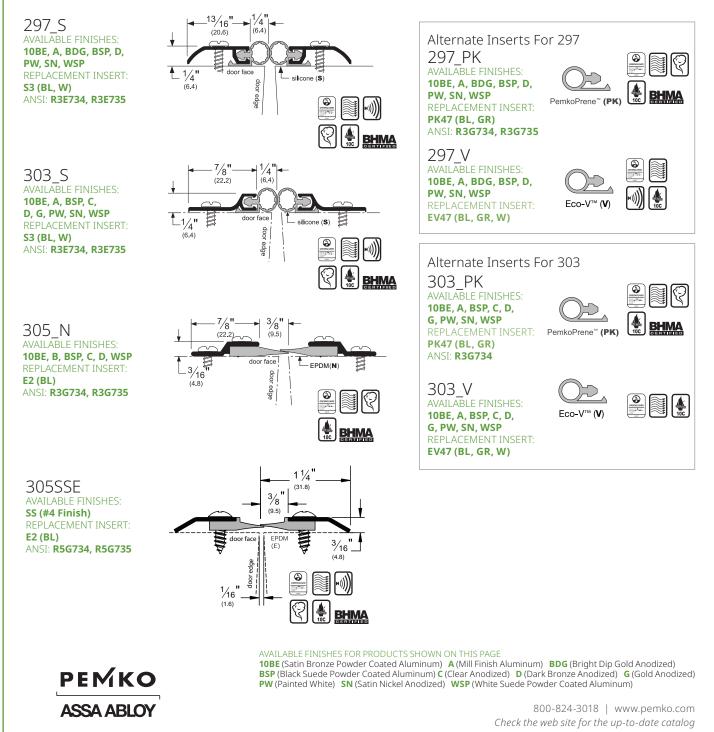
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ASTRAGAL AND MEETING STILE GASKETING – SPLIT ASTRAGALS

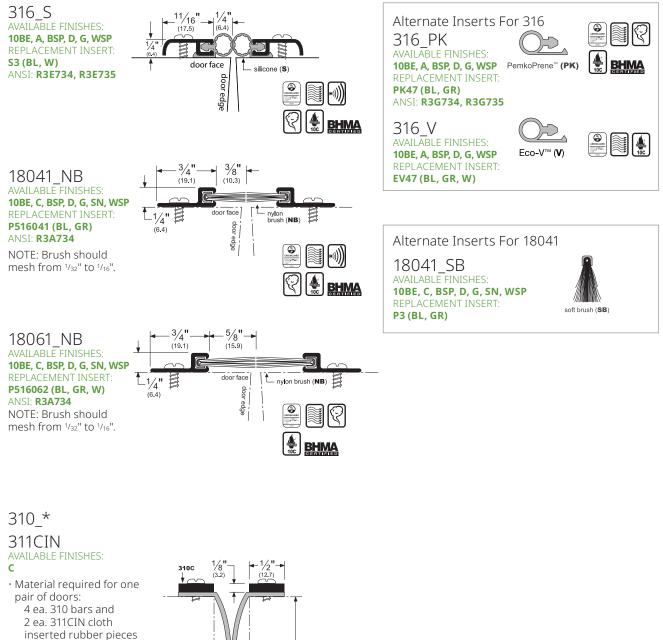
- Astragals and meeting stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 6.3.1.7.1 "The clearance between... the meeting edges of doors swinging in pairs on the pull side shall be ¹/₈" ± ¹/₁₆" (3.18mm ± 1.59mm) for steel doors and shall not exceed ¹/₈" (3.18mm) for wood doors"
- · Punched with slotted holes for adjustment

- Order split astragals at two (2) pieces by door height per set of double doors. When ordering add "/2" to the end of the part number to specify 2 pieces (i.e. order quantity 1 each 303AS84/2 to get two lengths at 84 inches)
- Clear anodized brush products are supplied with gray brush. Painted white brush products are supplied with white brush when available, otherwise black brush is supplied. All other finishes supplied with black brush. Black brush is available for clear anodized and painted white brush products upon request.

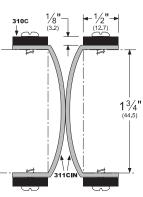


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ASTRAGAL AND MEETING STILE GASKETING – SPLIT ASTRAGALS (Cont.)



- Material required for one pair of doors:
 4 ea. 310 bars and
 2 ea. 311CIN cloth
 inserted rubber pieces
 - Specify 311CIN3.75 for 1³/₄"thick doors
 - Specify 311CIN4.00 for 2" thick doors
 - Specify 311CIN4.25 for 2¹/₄"thick doors
- * Sold individually



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **SN** (Satin Nickel Anodized) **WSP** (White Suede Powder Coated Aluminum)

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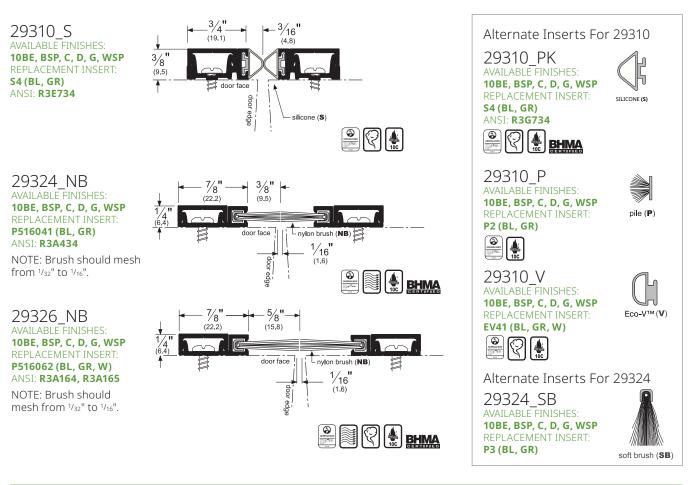
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SPLIT ASTRAGALS WITH SNAP COVERS – CONCEALED FASTENERS

• Snap cover helps prevent vandalism and adds an attractive finished look by concealing the fasteners

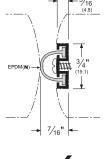
• Replacement snap cover part number is _29316. Please specify finish and length when ordering.



MEETING STILE GASKETING

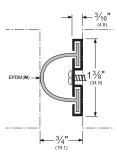
• These products do not work well on beveled-edge pairs of doors







Experience a safer and more open world 314_N available finishes: c, d, g replacement insert: e3 (bl, gr)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

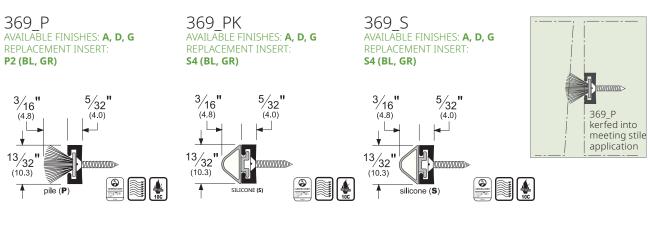
10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum)
 C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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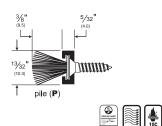
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MEETING STILE GASKETING (Cont.)

- · Astragals/Meeting Stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, 2-5.4
- · These products do not work well on beveled-edge pairs of doors



369 P4 AVAILABLE FINISHES: A, D, G **REPLACEMENT INSERT:** P4 (BL)



369_PK773 AVAILABLE FINISHES: A, D, G REPLACEMENT INSERT: PK773 (BL) · Gasket only available in 36" or 49" lengths and will be spliced a

continuous metal retainer ⁵/32 ¹³/₃₂" (10.3)(4.0)

PemkoPrene™ (PK)

4111111

¹³/₃₂

(10.3)

300 P

B, C, D, G

P2 (BL, GR)

AVAILABLE FINISHES:

between doors

REPLACEMENT INSERT:

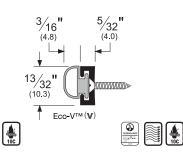
• For a ³/8" gap (or smaller)

· Spring-loaded from back side

(19.1)

...

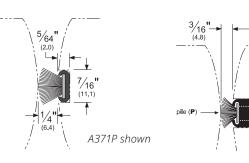
369 V AVAILABLE FINISHES: A, D, G **REPLACEMENT INSERT:** EV41 (BL, GR, W)



A371P (1/4" pile)

A372P (3/8" pile)

- Available in 84" and 96" lengths
- Available with gray pile only • Fasten with nails or staples through pile and backing, or use
- adhesive. Fasteners not supplied • Pile and backing do not separate



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

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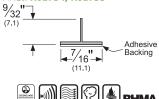
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ΡΕΜΚΟ ASSA ABLOY

ADHESIVE ASTRAGAL/MEETING STILE SEALS

S772

- The **S771** and **S772** astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, retard the passage of smoke, and act as a weatherization product
- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- S771_ AVAILABLE FINISHES: BL, C, D, W AVAILABLE LENGTHS: 7', 8', 9', 10' ANSI: R0E754, R0E755





Notes For All Adhesive Gasketing:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. For further notes/details, please see Adhesive Gasketing section.

ADJUSTABLE ASTRAGALS

- Available in 84", 96" and 120" lengths
- When used as split astragals on double doors, two lengths must be ordered: one for each door
- If you require split astragals in a metal to gasket configuration, you must order using part number 351_/351_S where "S" can be any gasket designation shown in this section and "_" is your desired finish



- Suface appliedFor use with square-edge or
- vol use with square-edge of bevel-edge doors
 351_S (et al) is one single piece;
- order 351_3(et al) is one single piece, order 351_/351_S to receive both pieces as in drawing

354_S AVAILABLE FINISHES: 10BE, B, BSP, C, D, G, WSP REPLACEMENT INSERT: S4 (BL, GR)

Fully mortised

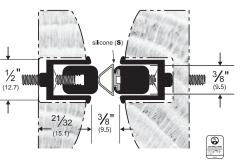
154

- Designed for use with bullnose doors
- 354_S (et al) is one single piece; order 354_/354_S to receive both pieces as in drawing



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354_ / 354_S shown below



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum) B (Mill Finish Extruded Bronze [Brass]) BSP (Black Suede Powder Coated Aluminum)
 C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)
 Gasket colors: BL (Black) C (Clear) D (Dark) GR (Gray) W (White)

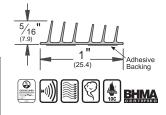
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- Stays flexible between -58°F and 450°F with very high resistance to flex fatigue
- · Maintains a low closing force
- Easy installation requires no mechanical fasteners; can be cut to size in the field

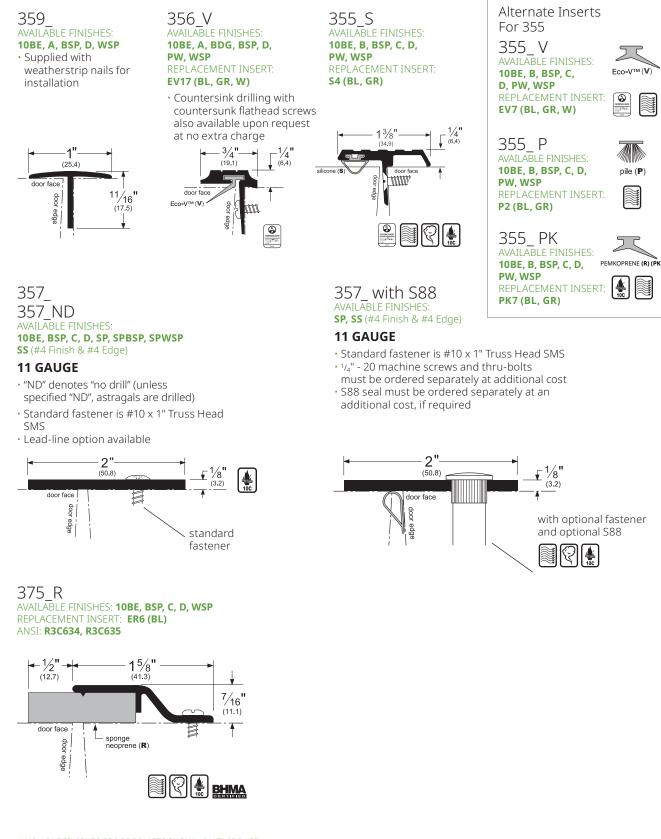
S771x6_ AVAILABLE FINISHES: BL AVAILABLE LENGTHS: 7', 8', 9', 10' ANSI: R0E154, R0E155, R0E754, R0E755

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"





"T" AND OVERLAPPING ASTRAGALS



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **BDG** (Bright Dip Gold Anodized) **C** (Clear Anodized) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) PW (Painted White) SP (Galvanealed Steel) SPBSP (Black Sudde Powder Coated Steel) SPWSP (White Suede Powder Coated Steel) SS (See Individual Part) WSP (White Suede Powder Coated Aluminum)

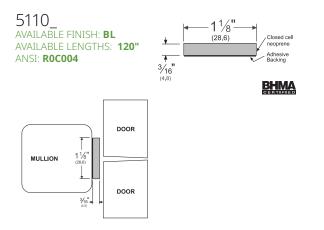
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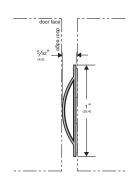
es Pemko Astragals and Meeting Stil

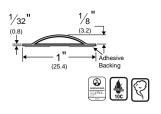
ADHESIVE-BACKED MULLION GASKETING



ADHESIVE-BACKED ASTRAGAL SEAL

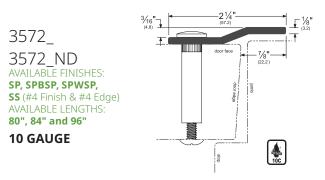
S1125_____ AVAILABLE FINISH: D AVAILABLE LENGTHS: 7', 8', 10'



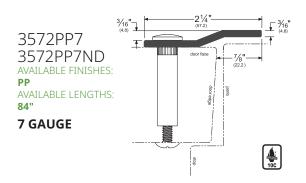


OFFSET SECURITY BAR

- · For use on single outswing wood or metal doors
- Covers gap between the door and jamb for the full door height, preventing prying and manipulation



 3572_ supplied drilled 12" on center with 3/8" holes; "ND" denotes "no drill"





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Experience a safer and more open world AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **BL** (Black) **D** (Dark Brown) **PP** (Prime Painted) **SP** (Galvanized Steel) **SS** (See Individual Part) **SPBSP** (Black Suede Powder Coated Steel) **SPWSP** (White Suede Powder Coated Steel)

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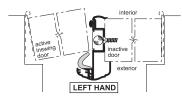
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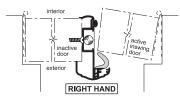
LOCKING ASTRAGALS

- \cdot Weatherstripped astragals with locking spring bolts or slide bolts for 13/4" inswing double doors
- \cdot Odd numbered astragals have economical smooth acting slide bolts. Slide bolts are 4" from the top/bottom standard; optional 18" slide bolt is available for easier access. Even numbered astragals have locking spring bolts. Both have full $_{1/8}$ " diameter steel bolts with $11/_{16}$ " throw. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, preventing marking of the floor and door header trim when opening or closing the inactive door
- Styles **3493** thru **3498** come with a molded sponge neoprene bottom seal

Handing Chart For Astragals (For pages 169 thru 171)

• An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)





Slimline style with slide bolt 3493_S REPLACEMENT INSERT: **S4 (BL, GR)**

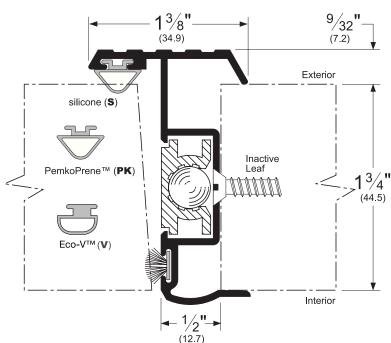
3493_V REPLACEMENT INSERT: EV41 (BL, W) AVAILABLE FINISHES:

- C, D, G, PW
- 3493 also available with 18" slide bolt (at additional cost) for easier access (specify "L" at the end of the product number for this option i.e. 3493_VL)

Slimline Style

- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All come with a Eco-V[™] snap-in cover strip to conceal the cutout and cover the mounting screws
- Astragal stock lengths are 80", 84", 96" and 120"
- \cdot A standard deadbolt punchout is ${}^{3}\!/_{4}"$ x 4" at 40" on center Punchout supplied on request only
- For non-stock astragals, specify deadbolt punchout size and center distance from top end
- Specify handing using the handing chart on page 181 or 184

Slimline style with locking spring bolt 3494_S REPLACEMENT INSERT: **S4 (BL, GR)** 3494_V REPLACEMENT INSERT: **EV41 (BL, W)** AVAILABLE FINISHES: **C, D, G, PW**



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (White)

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LOCKING ASTRAGALS

Colonial Style

Colonial style with slide bolt

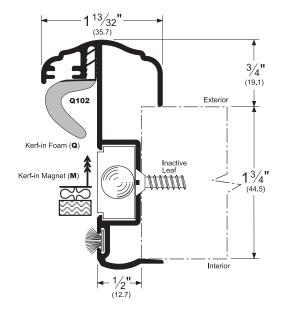
3495_M REPLACEMENT INSERT: MAG349 (D, W) 3495_Q

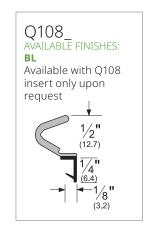
REPLACEMENT INSERT: Q102 (D, W) AVAILABLE FINISHES: C, D, PW • 3495 available with 18" aluminum

bar; specify "L" at the end of product number (i.e. 3495_Q96L)

Colonial style with locking spring bolt

3496_M REPLACEMENT INSERT: MAG349 (D, W) 3496_Q REPLACEMENT INSERT: Q102 (D, W) AVAILABLE FINISHES: C, D, G, PW





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) PW (White) Kerf Colors: BL (Black) D (Dark Brown) W (White)

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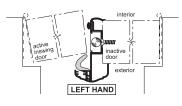


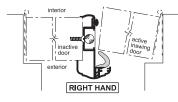
OUTSWING LOCKING ASTRAGALS

- \cdot Weatherstripped astragals with locking spring bolts or slide bolts for 13/4" outswing double doors. Slide bolts are 18" from the top/bottom for easier access
- Odd numbered astragals have economical smooth acting slide bolts. Even numbered astragals have locking spring bolts. Both have full $\frac{3}{8}$ " diameter steel bolts with $\frac{11}{16}$ " throw for improved locking strength. In the extended and locked position, locking spring bolts cannot be easily retracted by tampering. In the retracted position, the spring loaded bolts latch firmly, thus preventing marking of the floor and door header trim when opening or closing the inactive door
- All come with a Eco-V[™] snap-in cover strip to conceal the cutout and to cover the mounting screws
- All feature four-way adjustable strike plate mounting for latchbolt and deadbolt
- All styles come with a molded sponge neoprene bottom seal
- Each astragal comes complete with an installation kit and detailed instructions
- · Specify punchout locations with your order
- · Specify handing using the handing chart below

Handing Chart For Astragals (For pages 169 thru 171)

 An astragal is handed by the hand of the active door. The hand of the active door is determined by the position of the hinges on the door, when viewed from the outside (the key side)



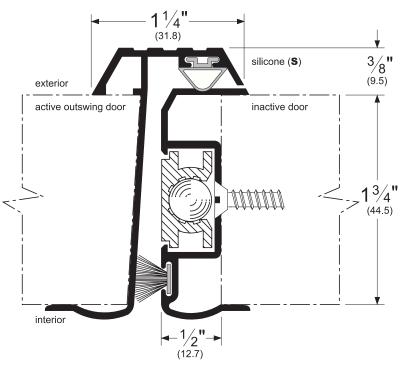


Slimline Style

Slimline style with slide bolt 3443_S REPLACEMENT INSERT: **S4 (BL, GR)** AVAILABLE FINISHES: **C, D, WSP** 3443 available with 18" aluminum bar; specify "L" at the end of product number (i.e. 3443_S96L) Slimline style with locking spring bolt

3444_S REPLACEMENT INSERT: s4 (BL, GR) AVAILABLE FINISHES: c, d, wsp





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized) WSP (White Suede Powder Coat)

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PEMKO BRUSH GASKETING

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180° Aluminum Retainers	
180° Concealed Fastener Retainers	
90° Aluminum Retainers	
45° Concealed Fastener Retainers	
Mortise Retainers	
Aluminum Retainer with Rain Drip	
Oak Retainers	
Meeting Stiles	

NOTE: For Automatic Door Bottoms with Nylon Brush seals, please see Automatic Door Bottom catalog section.

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NOTE: For Automatic Door Bottoms with Nylon Brush seals, please see Automatic Door Bottom catalog section.



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180° ALUMINUM RETAINERS

- All brush seals consist of densely compressed nylon filaments encased in a high quality aluminum retainer. These products are ideally suited for hollow metal and wood door applications. Also use Pemko's brush weatherstripping product on overhead, section, sliding, and automatic doors
- All brush seals reduce the infiltration of light, air, wind, rain, and snow; prevent heat loss; and control the penetration of smoke and fumes

18175_NB

P58175 (BL, GR)

ANSI: R3A434

3⁄8" (9.5)

AVAILABLE FINISHES:

10BE, BSP, C, D, WSP

REPLACEMENT INSERT:

1³/8"

(34.9)

1³/₄"

- Brush remains flexible down to -40°F and has a melting point above 400°F
- UV stable, dependable, long-lasting, cost-effective
- + Punched with slotted holes for adjustment (except 35° angle types which are drilled with $\nu_{\rm 8}{}^{\rm "}$ hole)
- Naturally repels rodents and spiders; can be sprayed with household pest repellent for additional pest control

18250_NB AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: P58250 (BL, GR) ANSI: R3A434







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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coat)
 BSP (Black Suede Powder Coat)
 C (Clear Anodized)

 D (Dark Bronze Anodized)
 G (Gold Anodized)
 PW (Painted White)
 WSP (White Suede Powder Coat)

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18137_NB AVAILABLE FINISHES:

WSP

10BE, BSP, C, D, G, PW,

REPLACEMENT INSERT:

7/8"

(22.2)

1³/₈"

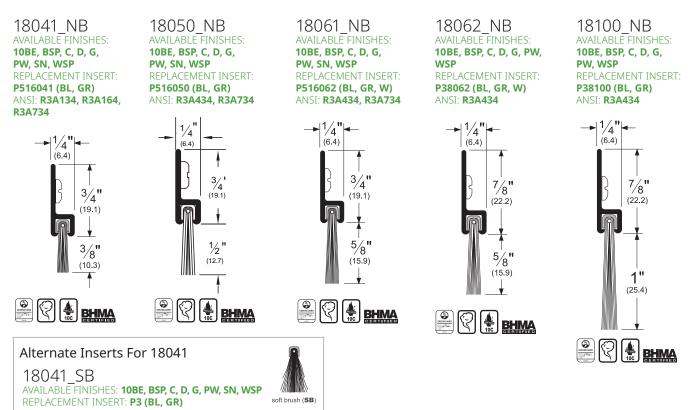
P38137 (BL, GR, W)

ANSI: R3A434

1⁄4'

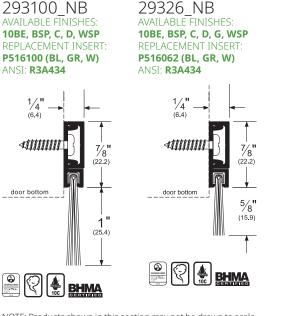
(6.4)

180° ALUMINUM RETAINERS (Cont.)

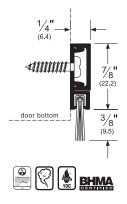


180° CONCEALED FASTENER RETAINERS

- Aluminum snap cover conceals mounting screws to provide a clean aesthetic appearance
- Replacement snap cover is item _29316; when ordering, identify finish and length
- · Cover snaps securely into place to deter vandalism



29324_NB AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: P516041 (BL, GR) ANSI: R3A434



Alternate Insert For 29324 29324_SB

AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: P3 (BL, GR) soft brush (SB)

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coat)
 BSP (Black Suede Powder Coat)
 C (Clear Anodized)

 D (Dark Bronze Anodized)
 G (Gold Anodized)
 PW (Painted White)
 SN (Satin Nickel Anodized)

 WSP (White Suede Powder Coat)

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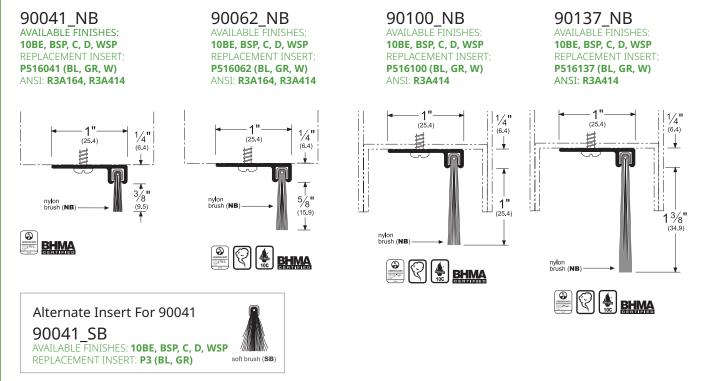
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90° ALUMINUM RETAINERS

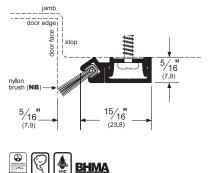
- · Design permits use as a concealed seal for many applications
- · Slotted holes for easy adjustment



45° CONCEALED FASTENER RETAINERS

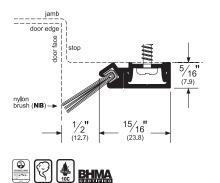
• Replacement snap cover is item _29316-. When ordering, identify finish and length





29346_NB

AVAILABLE FINISHES: **10BE, BSP, C, D, WSP** REPLACEMENT INSERT: **P516062 (BL, GR, W)** ANSI: **R3A164**



Alternate Insert For 29344 29344_SB AVAILABLE FINISHES: 10BE, BSP, C, D, WSP

REPLACEMENT INSERT: P3 (BL, GR) soft brush (SB)

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coat)
 BSP (Black Suede Powder Coat)
 C (Clear Anodized)

 D (Dark Bronze Anodized)
 WSP (White Suede Powder Coat)
 C

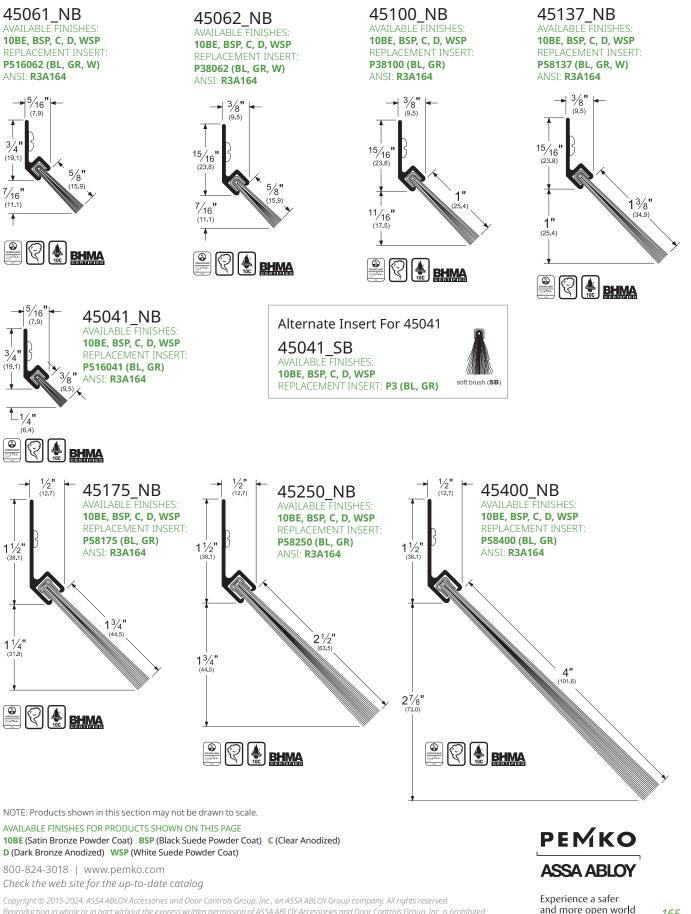
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ΡΕΜΚΟ

ASSA ABLOY

45° ALUMINUM RETAINERS

Slotted holes for easy adjustment



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MORTISE RETAINERS

· The ultimate design for concealed weatherstrip needs



ALUMINUM RETAINER WITH RAIN DRIP

· Slotted holes for easy adjustment



3452_NB AVAILABLE FINISHES: 10BE, A, BSP, D, G, WSP **REPLACEMENT INSERT:** P14075 (BL, GR) ANSI: R3A534 1/2" (12.7) III 1¹/4" (31.8) door bottom 3/8" nylon brush (NB) (9.5) 4

4

BHMA

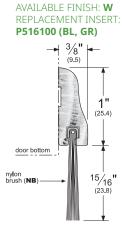
OAK RETAINERS 36" WIDE

• These products have 1/8" drilled fastener holes

18062WNB AVAILABLE FINISH: **W** REPLACEMENT INSERT:

· Can be used on doors, windows and more





18100WNB

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coat) A (Mill Finish Aluminum) BSP (Black Suede Powder Coat) C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized) W (Unfinished Solid Oak) WSP (White Suede Powder Coat)

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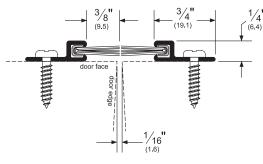
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MEETING STILES

 Astragals and Meeting Stiles with a fire label may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80-2013, 6.3.1.7.1 "The clearance between... the meeting edges of doors swinging in pairs on the pull side shall be 1/8" ± 1/16" (3.18mm ± 1.59mm) for steel doors and shall not exceed 1/8" (3.18mm) for wood doors"

18041_NB

AVAILABLE FINISHES: **10BE, BSP, C, D, G, SN, WSP** REPLACEMENT INSERT: **P516041 (BL, GR)** ANSI: **R3A734**

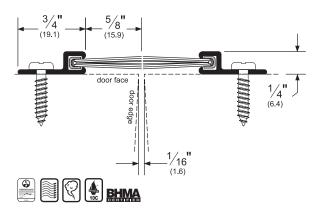






18061_NB

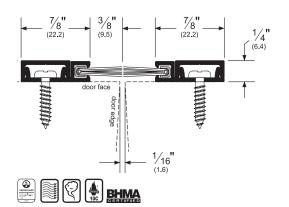
AVAILABLE FINISHES: 10BE, BSP, C, D, G, SN, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A734



- Snap cover helps prevent vandalism and adds an attractive finished look by concealing the fasteners
- Replacement snap cover is item _29316. When ordering, identify finish and length
- NOTE: Although drawn with a gap between the brush, when installed, these brush products SHOULD make contact. Brush should mesh from $1/_{32}$ " to $1/_{16}$ "

29324_NB

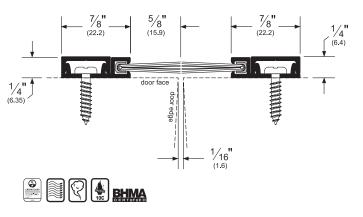
AVAILABLE FINISHES: **10BE, BSP, C, D, G, SN, WSP** REPLACEMENT INSERT: **P516041 (BL, GR)** ANSI: **R3A434, R3A435**



Alternate Insert For 29324 29324_SB AVAILABLE FINISHES: 10BE, BSP, C, D, G, SN, WSP REPLACEMENT INSERT: P3 (BL, GR)

29326_NB

AVAILABLE FINISHES: 10BE, BSP, C, D, G, SN, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A764, R3A765



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coat) BSP (Black Suede Powder Coat) C (Clear Anodized)

D (Dark Bronze Anodized) G (Gold Anodized) SN (Satin Nickel Anodized) WSP (White Suede Powder Coat)

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Stainless Steel Perimeter Gasketing	
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Heavy Duty Interlock Perimeter Gasketing	
Heavy Duty Perimeter Gasketing - Head Section	
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Magnetic Weatherstrip	
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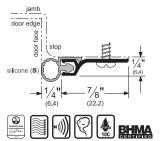
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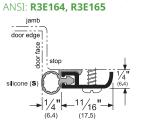
STANDARD PERIMETER GASKETING

- · Rigid jamb weatherstrip shown mounted on openings with 1/16" gaps; however, each weatherstrip can seal gaps up to the depth of its seal. Seal depth provided on each illustration (example: the 303 has a $1/_4$ " seal; therefore, it can seal up to a 1/4" gap)
- Punched on 6" centers with slotted holes for adjustment. Models 294, 303, and 306 are available with self-adhesive two-sided tape (TST) and tek screws (3 slotted holes per part) for easy installation. To obtain this option, add "TST" to the end of the part when ordering (example: 303AVTST)

303_S AVAILABLE FINISHES: 10BE, A, BSP, C, D, G, PW, SN, WSP REPLACEMENT INSERT: S3 (BL, W) ANSI: R3E164, R3E165



316_S AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, G, WSP REPLACEMENT INSERT: S3 (BL, W)





297 S AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, PW, SN, WSP REPLACEMENT INSERT: S3 (BL, W) ANSI: **R3E164, R3E165**

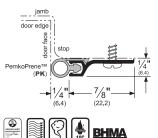




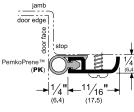
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303 PK AVAILABLE FINISHES: 10BE, A, BSP, C, D, G, PW, SN, WSP REPLACEMENT INSERT: PK47 (BL, GR) ANSI: **R3G164**

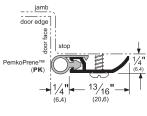


316 PK AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, G, WSP REPLACEMENT INSERT: PK47 (BL, GR) ANSI: R3G164, R3G165



Q

297 PK AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, PW, SN, WSP REPLACEMENT INSERT: PK47 (BL, GR) ANSI: R3G164, R3G165





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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE 10BE (Satin Bronze Powder Coat) A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) BSP (Black Suede Powder Coat) C (Clear Anodized) D (Dark Bronze Anodized G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) WSP (White Suede Powder Coat)

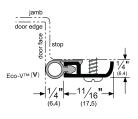
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303 V AVAILABLE FINISHES: 10BE, A, BSP, C, D, G, PW, SN, WSP REPLACEMENT INSERT: EV47 (BL, GR, W)

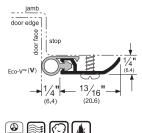


316 V AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, G, WSP REPLACEMENT INSERT: EV47 (BL, GR, W)





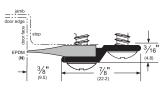
297_V AVAILABLE FINISHES: 10BE, A, BDG, BSP, D, PW, SN, WSP REPLACEMENT INSERT: EV47 (BL, GR, W)





STANDARD PERIMETER GASKETING (Cont.)

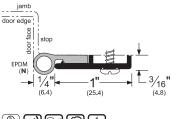
305_N AVAILABLE FINISHES: 10BE, B, BSP, C, D, WSP REPLACEMENT INSERT: E2 (BL) ANSI (alum): R3G164, R3G165 ANSI (brass): R1G164, R1G165





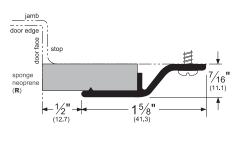
319 N

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: E11 (BL) ANSI: R3G164, R3G165



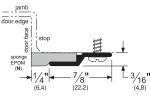


375_R AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: ERG (BL) ANSI (alum): R3C164, R3C165





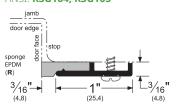
305_R AVAILABLE FINISHES: 10BE, B, BSP, C, D, G, WSP REPLACEMENT INSERT: ER1 (BL) ANSI (alum): R3G164, R3G165 ANSI (brass): R1G164, R1G165



👻 🕅 🖗 🚷 BHMA

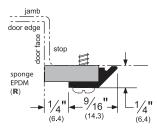
319_R

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: ER1 (BL) ANSI: R3G164, R3G165





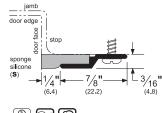
332_R AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: ER1 (BL) ANSI: R3G164, R3G165





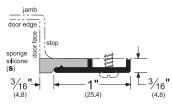
305_S AVAILABLE FINISHES: 10BE, B, BSP, C, D, G, WSP

REPLACEMENT INSERT: SR1 (BL) ANSI: R3E164, R3E165



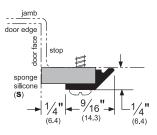


319_S AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: SR1 (BL) ANSI: R3E165





332_S AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: SR1 (BL) ANSI: R3E164, R3E165





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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coat) A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) BSP (Black Suede Powder Coat) C (Clear Anodized) D (Dark Bronze Anodized G (Gold Anodized) WSP (White Suede Powder Coat)

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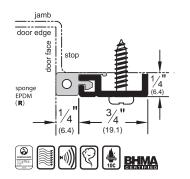


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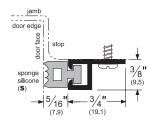
STANDARD PERIMETER GASKETING (Cont.)

312_R

AVAILABLE FINISHES: **10BE, BSP, C, D, G, WSP** REPLACEMENT INSERT: **ER9BL (BL)** ANSI (alum): **R3G164, R3G165**



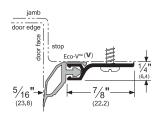
296_S AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: SR6 (BL) ANSI (alum): R3E164, R3E165





330_V

AVAILABLE FINISHES: 10BE, A, BSP, D, SN, WSP REPLACEMENT INSERT: EV61 (BL, GR)

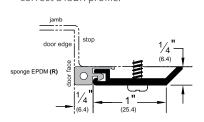




315_R

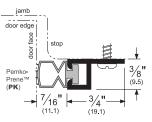
AVAILABLE FINISHES: 10BE, B, BSP, C, D, WSP REPLACEMENT INSERT: ER9BL (BL) ANSI (alum): R3G164, R3G165

 Please consult website for correct 315BR profile.





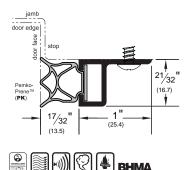
296_PK AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: PK4132 (BL) ANSI (alum): R3G164, R3G165



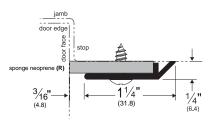


285_PK

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: PK4304 (BL) ANSI (alum): R3G164, R3G165

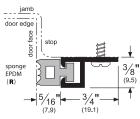


3151_R AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: ER2 (BL) ANSI (alum): R3G164



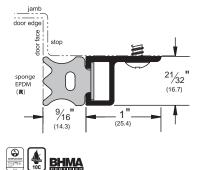


296_R AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: E7 (BL) ANSI (alum): R3G164, R3G165





285_R AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: E4303 (BL) ANSI (alum): R3G166



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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

 10BE (Satin Bronze Powder Coated Aluminum)
 A (Mill Finish Aluminum)
 B (Mill Finish Extruded Bronze [Brass])

 BSP (Black Suede Powder Coated Aluminum)
 C (Clear Anodized)
 D (Dark Bronze Anodized)

 G (Gold Anodized)
 SN (Satin Nickel Anodized)
 WSP (White Suede Powder Coated Aluminum)

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STANDARD PERIMETER GASKETING (Cont.)

306 V

jamb

door edge

Eco-VTM (V)

9/32

(7.1)

4

AVAILABLE FINISHES:

10BE, A, BSP, D, WSP

REPLACEMENT INSERT: EV59 (BL, GR)

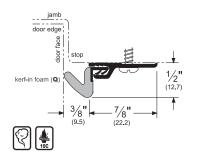
7⁄8"

(22.2)

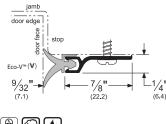
306_Q

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP REPLACEMENT INSERT: Q103 (D, W)

- Minimum space between the door face and the stop is 3/16"; maximum space is 5/16"
- Note insert color when ordering: Dark Brown (D) or White (W)



294_V AVAILABLE FINISHES: 10BE, A, BSP, D, PW, SN, WSP REPLACEMENT INSERT: EV60 (GR)





PERIMETER GASKET SOLUTIONS FOR SLIDING DOORS

· For Seal Set information, please see sets outlined on page 202

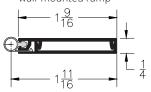
29394 PK

AVAILABLE FINISHES: **10BE, BSP, C, D, WSP** REPLACEMENT INSERT: **PK47 (GR, BL)**

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE (Satin Bronze Powder Coated Aluminum)** A (Mill Finish Aluminum)

BSP (Black Suede Powder Coated Aluminum) C (Clear Anodized) D (Dark Bronze Anodized) PW (Painted White) SN (Satin Nickel Anodized) WSP (White Suede Powder Coated Aluminum)

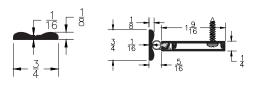
 Perimeter sealing, used with 394 wall-mounted ramp



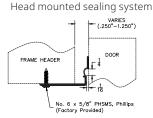
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394_ AVAILABLE FINISHES: 10BE, BSP, C, D, WSP

Wall-mounted ramp used with 29394_PK



950_ Available finishes: 10Be, BSP, C, D, WSP Replacement insert: PY900 (BL)



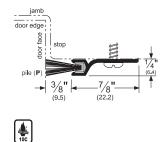


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309 P

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP Replacement insert: P3 (BL, GR)

- * Minimum space between the door face and the stop is $3/_{16}$ "; maximum space is $5/_{16}$ "
- May also be used as a door bottom sweep



STAINLESS STEEL PERIMETER GASKETING

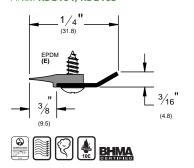
- Stainless Steel is a tough and durable material that tolerates exposure to chemicals and heavy use
- Manufactured from 430 Stainless Steel

Easy to clean to meet sanitary requirements

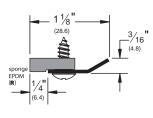
• Long lasting with low cost of ownership

305SSE

AVAILABLE FINISH: SS (#4 Finish) REPLACEMENT INSERT: E2 (BL) ANSI: R5G164, R5G165

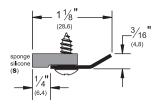


305SSR AVAILABLE FINISH: SS (#4 Finish) REPLACEMENT INSERT: ER1 (BL) ANSI: R5G164, R5G165





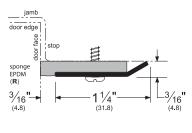
305SSS AVAILABLE FINISH: SS (#4 Finish) REPLACEMENT INSERT: SR1 (BL) ANSI: R5E164, R5E165





315SSR AVAILABLE FINISH: SS (#4 Finish)

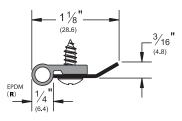
REPLACEMENT INSERT: ER2 (BL) ANSI: R5G164, R5G165





319SSN

AVAILABLE FINISH: **SS (#4 Finish)** REPLACEMENT INSERT: **E11 (BL)** ANSI: **R5G164, R5G165**





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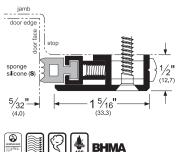
Pemko Perimeter Gasketing

ADJUSTABLE JAMB GASKETING

- Adjustable jamb gasketing is shown mounted on openings with $\nu_{16}"$ gaps; however, each weatherstrip can seal gaps up to $\nu_4"$

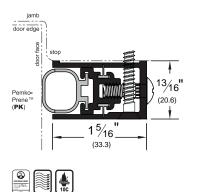
379_S Available finishes: 10BE, BSP, C, D, G, WSP Replacement insert: SR6 (BL)

REPLACEMENT INSERT: SR6 (BL) ANSI: R3E264, R3E265

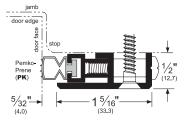


322_SPK

AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: PK121 (BL)



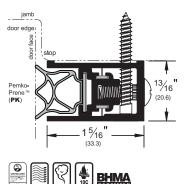
379_PK AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: PK4132 (BL) ANSI: R3G264, R3G265



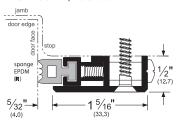


350_SPK

AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: PK4304 (BL) ANSI: R3G164, R3G165

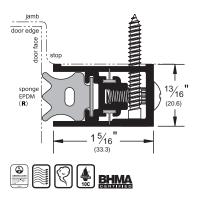


379_R AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: E7 (BL) ANSI: R3G264, R3G265





350_SR AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: E4303 (BL) ANSI: R3G164, R3G165

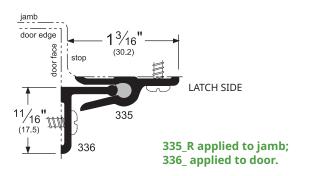


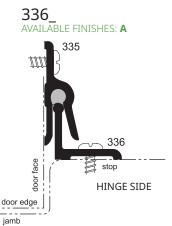
HEAVY DUTY INTERLOCK PERIMETER GASKETING

335_R

AVAILABLE FINISHES: ${\boldsymbol{\mathsf{A}}}$

NOTE: Diagram consists of two parts, each sold separately.





NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) C (Clear Anodized) D (Dark Bronze Anodized G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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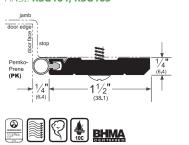
HEAVY DUTY PERIMETER GASKETING - HEAD SECTION

2891 S

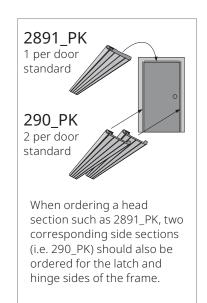
- For the head section of the frame where a parallel arm closer bracket or other hardware is required. Supplied undrilled (36") or drilled (80" and above) and supplied with sheet metal screws for mounting
- If used as a stop, flat head machine screws can be provided upon request and take a countersunk #10 hole. Pemko will drill the head member only if drilling instructions for countersink holes are provided
- All gasketing shown below is sold individually

2891_PK

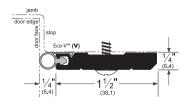
AVAILABLE FINISHES: **10BE, A, BSP, D, G, WSP** REPLACEMENT INSERT: **PK47 (BL, GR)** ANSI: **R3G164, R3G165**







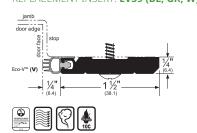
2891_V AVAILABLE FINISHES: 10BE, A, BSP, D, WSP REPLACEMENT INSERT: EV47 (BL, GR, W)



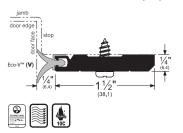


2892_V

AVAILABLE FINISHES: 10BE, A, BSP, D, WSP REPLACEMENT INSERT: EV59 (BL, GR, W)



2893_V AVAILABLE FINISHES: 10BE, A, BSP, D, WSP REPLACEMENT INSERT: EV60 (GR)



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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HEAVY DUTY PERIMETER GASKETING - STANDARD JAMB

2902 V

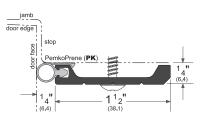
- For the head section of the frame where a parallel arm closer bracket or other hardware is required. Supplied undrilled (36") or drilled (80" and above) and supplied with sheet metal screws for mounting
- · If used as a stop, flat head machine screws can be provided upon request and take a countersunk #10 hole. Pemko will drill the head member only if drilling instructions for countersink holes are provided

290 S

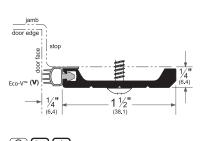
All gasketing shown below is sold individually

290 PK

AVAILABLE FINISHES: 10BE, A, BSP, D, G, WSP REPLACEMENT INSERT: PK47 (BL, GR) ANSI: R3G164, R3G165







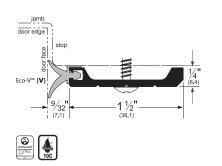
AVAILABLE FINISHES: 10BE, A, BSP, D, G, WSP

REPLACEMENT INSERT: EV59 (BL, GR, W)



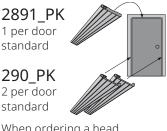
2903 V

AVAILABLE FINISHES: 10BE, A, BSP, D, G, WSP REPLACEMENT INSERT: EV60 (GR)



AVAILABLE FINISHES: A. D. G silicone (S) **REPLACEMENT INSERT:** S3 (BL, W) ANSI: R3E164, R3E165 290 V AVAILABLE FINISHES: Eco-V A, D, G REPLACEMENT INSEE EV47 (BL, GR, W)

Alternate Inserts For 290



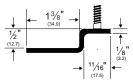
When ordering a head section such as 2891 PK, two corresponding side sections (i.e. 290 PK) should also be ordered for the latch and hinge sides of the frame.

PERIMETER GASKET JAMB BRACKETS

- For use with standard perimeter gasket profiles when opening utilizes a parallel arm closer
- Mount perimeter gasket first, then bracket over the profile. . Closer bracket will mount to face of bracket.

BKT050

AVAILABLE FINISHES: 10BE, BSP, SP, G, WSP



BKT075

AVAILABLE FINISHES: 10BE, BSP, SP, G, WSP 1.064

Supplied in 6" lengths



BKT1532 AVAILABLE FINISHES: 10BE, BSP, SP, G, WSP



• Furnished in paintable galvannealed steel (SP) or gray prime coat (G); available in powder coated finishes

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

(see General Information section for finish chart)

10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum) BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

AVAILABLE BRACKET FINISHES FOR PRODUCTS SHOWN ON THIS PAGE G (Gray Prime Painted Steel) SP (Galvanized Steel)

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

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ΡΕΜΚΟ

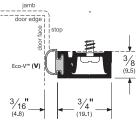
and more open world

SNAP COVER PERIMETER GASKETING WITH CONCEALED FASTENERS

- Pemko Perimeter Gasketing
- Low-profile snap cover conceals mounting screws to provide
 All clear anodized brush products are supplied with gray security and a clean aesthetic appearance
- · Cover snaps securely in place to deter vandalism

29310 V

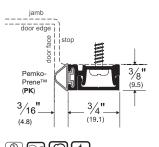
AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: EV41 (BL, GR, W)





29310_PK

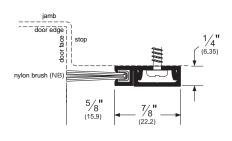
AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: S4 (BL, GR) ANSI: R3G164, R3G165



BHMA

29326 NB

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A164, R3A165



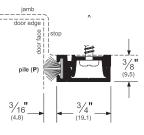




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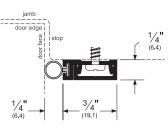
29310 P

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: P2 (BL, GR)





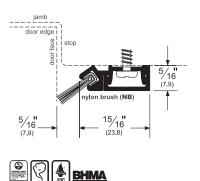
29313 PK AVAILABLE FINISHES: 10BE, BSP, C, D, WSP REPLACEMENT INSERT: PK588 (BL)





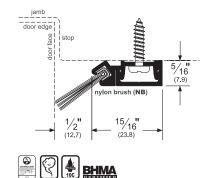
29344 NB

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: P516041 (BL, GR) ANSI: **R3A164**



29346 NB

AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP REPLACEMENT INSERT: P516062 (BL, GR, W) ANSI: R3A164



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

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) G (Gold Anodized) WSP (White Suede Powder Coated Aluminum)

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silicone (S ³/16

brush (black brush available upon request)

29310 S

jamb

door edge

(4.8)

ANSI: **R3E164, R3E165**



AVAILABLE FINISHES: 10BE, BSP, C, D, G, WSP

REPLACEMENT INSERT: S4 (BL, GR)

Pemko Perimeter Gasketing

KERE-IN WEATHERSTRIP

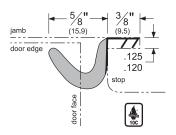
Foam

· Pemko's "Q" foam kerf-in weatherstrip is constructed from soft cell foam enclosed by an embossed, tear-resistant, lowfriction, UV-stable polyethylene cover

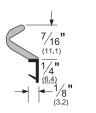
0102

AVAILABLE FINISHES: **BL, D, W**

AVAILABLE LENGTHS: 36", 85", 97", 121" Minimum space between the door face and the stop is 5/16"; maximum space is 1/2"



Q107_ AVAILABLE FINISHES: **BL, W** Minimum space between the door face and the stop is $\frac{1}{1/8}$ "; maximum space is $\frac{7}{16}$ " Sold per foot (specify length)



Silicone

· Extruded from platinum cross-linked silicon

4

- · Self-extinguishing and non-toxic
- Unaffected by sunlight, ozone, and ultraviolet rays

S104_100

AVAILABLE FINISHES: D, W ANSI: ROE156 Minimum space between the

door face and the stop is $1/_{16}$ "; maximum space is 1/4



S109_100 AVAILABLE FINISHES: D, W ANSI: ROE156

Minimum space between the door face and the stop is $1/_{16}$ "; maximum space is 5/16



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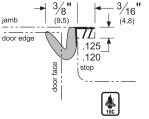
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NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

BL (Black) D (Black) W (White)

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog and the stop is 3/16"; maximum space is 5/16"

and easy kerf installation



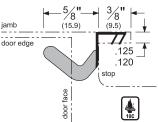
AVAILABLE LENGTHS: 36", 85", 97", 121"

Minimum space between the door face

0106 AVAILABLE FINISHES: D, W

· Includes rigid PVC insert with extended flange for fast

AVAILABLE LENGTHS: 36", 85", 97", 121" Minimum space between the door face and the stop is \mathfrak{H}_{16} "; maximum space is \mathfrak{H}_2 "

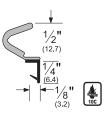


Q108_ AVAILABLE FINISHES: **BL**

0103

AVAILABLE FINISHES: **BL, D, W**

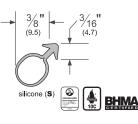
Minimum space between the door face and the stop is 1/8"; maximum space is 1/2" Sold per foot (specify length)



- · Impervious to fungus and mildew; will not deteriorate under normal exposure
- · Available in 100ft lengths

S105_100 AVAILABLE FINISHES: **D, W** ANSI: ROE156

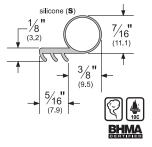
Minimum space between the door face and the stop is 1/16"; maximum space is 3/8'



S52_100 AVAILABLE FINISHES: **BL, W** ANSI: ROE154

Minimum space between the door face and the stop is 1/16";

maximum space is 3/8'





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KERF-IN WEATHERSTRIP (Cont.)

PemkoPrene™ (**PK**)

7

5⁄16 (7.9)

1⁄8"

(3.2)

PK52_ AVAILABLE FINISHES: **BL, W**

ANSI: ROG154

AVAILABLE LENGTHS: 18', 20', 300' Minimum space between the door face and the stop is $1/_{16}$ "; maximum space is $3/_8$ "

3/8"

(9.5)

7⁄16 (11.1) ...

P50

thermoplastic

(**P**)

4 (6.4) 5/16 (9.5)

AVAILABLE FINISHES: BL, W AVAILABLE LENGTHS: 17', 25', 250'

Minimum space between the door face and the stop is $\frac{1}{1}$, maximum space is $\frac{5}{16}$

3/8"

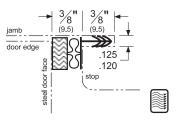
(9.5)

Thermoplastic elastomer formulation will not transmigrate; remains flexible to -60° F



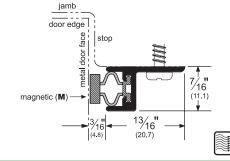
AVAILABLE FINISHES: D, W

- AVAILABLE LENGTHS: 37", 85", 96", 121"
- Minimum space between the door face and the stop is ${}^{\scriptscriptstyle 3\!/}{}_8$ "; maximum space is 7/16
- · Magnetic kerf-in weatherstrip features a magnetic strip encased by a UV-stable TPE cover
- Use for steel-faced door and wood frame applications
- Can be trimmed in the field and corner-mitered



MAGNETIC WEATHERSTRIP

2815 M AVAILABLE FINISHES: C, D, G REPLACEMENT INSERT: 2815MAG



ADHESIVE PERIMETER GASKETING

BHMA

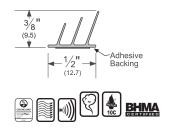
For more information on these perimeter gasketing products, please see the Adhesive Gasketing section.

S773

AVAILABLE FINISHES: BL, D, GR, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250', 500'

ANSI: **R0E154, R0E155**

- Triple-fin design blocks light and sound from infiltrating a room
- Product designed as hospitality gasketing (see more hospitality products in the Hospitality Products section)
- Seal begins compressing at 3/8"





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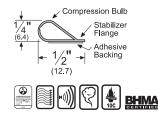
180

S88

AVAILABLE FINISHES: BL, C, D, GR, TAN, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

ANSI: ROE154, ROE155

- Seal begins compressing at 1/4"; compresses to seal up to a 1/16" gap
- Available with perforations for Behavioral Health applications. Substitute "P" in place of "S" to order this option.



S44

AVAILABLE FINISHES: BL, C, D, GR, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

ANSI: ROE154, ROE155

- · Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at 5/16" compresses to seal up to a 1/16" gap
- Available with perforations for Behavioral Health applications. Substitute "P" in place of "S" to order this option.



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE C (Clear Anodized) D (Dark Bronze Anodized) G (Gold Anodized)

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

Adhesive Gasketing Colors: BL (Black) C (Clear) D (Dark Brown) GR (Light Gray) TAN (Tan) W (White)

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ADHESIVE PERIMETER GASKETING (Cont.)

For more information on these perimeter gasketing products, please see the Adhesive Gasketing section.

S442

AVAILABLE FINISHES: **BL, D, W** AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

ANSI: ROE154, ROE155

Fits flush into corner

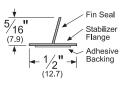
Seal begins compressing at 5/16"; compresses to seal up to a 1/16" gap



S77_ AVAILABLE FINISHES: **C**, **BL**, **D**, **W** AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

ANSI: ROE154, ROE155

- Designed for hollow metal and wood meeting stile applications.
- Seal begins compressing at 5/16"; compresses to seal up to a 1/16" gap

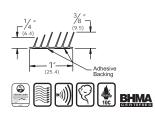




S776

AVAILABLE FINISHES: BL AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30' ANSI: **R0E154, R0E155**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 3/8"

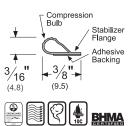


PK33

AVAILABLE FINISHES: BL, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

ANSI: ROG154, ROG155

- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at 3/16"; compresses to seal up to a 1/16" gap

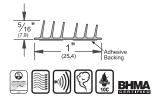


S771x6

AVAILABLE FINISH: **BL** AVAILABLE LENGTHS: 7', 8', 10', 17', 18', 20', 21', 25'

ANSI: **R0E154, R0E155**

- · Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"

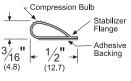


PK55

AVAILABLE FINISHES: BL, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

ANSI: ROG154, ROG155

- Designed for tighter frames. Demonstrates extremely low closing force.
- Seal begins compressing at 3/16"; compresses to seal up to a 1/16" gap

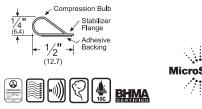




MICROSHIELD® ANTIMICROBIAL ADHESIVE GASKETING

AM88

AVAILABLE FINISHES: BL, C, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510' ANSI: R8E154, R0E155



MicroShield

NOTES FOR ALL ADHESIVE GASKETING:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. For further notes/details, please see Adhesive Gasketing section.

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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE Adhesive Gasketing Colors: BL (Black) C (Clear) D (Dark Brown) W (White)

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Pemko Perimeter Gasketing

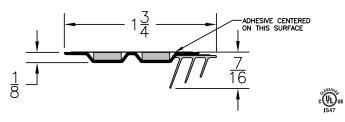
EXCESSIVE GAP PERIMETER SOLUTION

XG90KIT

- Brings fire-rated doors with excessive vertical and head gaps back into spec - up to 3/8"
- UL Classified for 90-minutes
- · Kit includes all products shown below

HSS20XGxS773

 Pressure sensitive adhesive backing AVAILABLE FINISH: BL



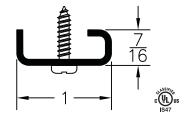
XG900

• 16ga galvannealed steel

- · Can be screw applied or welded to metal frame.
- If welded, specify with "no holes" for clean appearance.

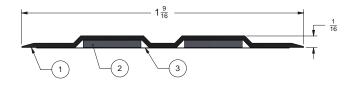
· Can be field painted to match the frame

AVAILABLE FINISH: SP, SPBSP, SPWSP, SP10BE



EZGAP™ (XG10 SERIES) • Flexible, adhesive-applied solution for excessive gaps from 3/32"-1/4" · Can be used as a full perimeter system or used independently on Latch Edge, Hinge Edge, or Header

• UL10C approved for 45 minute fire rated wood doors with gaps up to 1/4" AVAILABLE FINISH: BL (Black), BR (Brown), GR (Grey), W (White) AVAILABLE LENGTHS: 18 ft, 50 ft Rolls

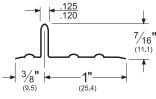


INTERLOCK WEATHERSTRIP FOR WOOD WINDOWS

Corrugated Rib Strips

Corrugated rib strips are made from .015" spring bronze (B) or .0172" galvannealed steel (Z) _4C is only available in 96" lengths

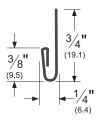




Flat Hooks

• _10 Flat hooks are made from .026" spring bronze (B) or .0172" galvannealed steel (Z)

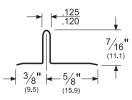
10 AVAILABLE FINISHES: **B**, **Z** AVAILABLE LENGTHS: 96"



Plain Rib Strips

Plain rib strips are made from .015" spring bronze (B) or .0172" galvannealed steel (Z)

_2P (1" width) AVAILABLE FINISHES: **B**, **Z**



4P (1³/₈" width) AVAILABLE FINISHES: B, Z

_2P (1" width) shown at left; also available in 4P (1³/₈" width). 2P and 4P available in 96" lengths only



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

SP10BE (Satin Bronze Powder) B (Bronze) SPBSP (Black Suede Powder)

SP (Galvannealed Steel) SPWSP (White Suede Powder) Z (Galvannealed Steel)

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

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INTFRLOCK WEATHERSTRIP FOR WOOD DOORS

331

5∕<u>16</u>"

(7.9)

· Fasteners available at additional cost

Liner Strip

3/16

(4.8)

30 AVAILABLE FINISH: **B**

7/16

AVAILABLE LENGTHS: 96"

Made from .008" spring bronze (B)

Lock Strip

AVAILABLE FINISH: B

7/16

(11.1)

AVAILABLE LENGTHS: 6", 96"

• Made from .008" spring bronze (B)

"L" Metal

41M

AVAILABLE FINISHES: **B**, **Z**

AVAILABLE LENGTHS: 96"

.085

1/4

(6.4)

Bronze or zinc-plated wafer head drive screws available for _41M (sold separately)



. 1/2". (12.7)

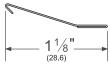
1

CUSHION/SPRING WEATHERSTRIP FOR WOOD OR METAL DOORS AND WINDOWS

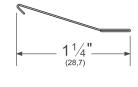
Spring Bronze - Wood Doors/Windows

· Spring bronze weatherstrip fits wood doors and wood casement windows

70C-100 AVAILABLE FINISH: **B** AVAILABLE LENGTHS: 100'







• Made from .008" hemmed spring bronze/brass (B)

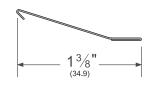
3⁄8"

(9.5)

4

• Nails should be approximately 11/2" on center (sold separately)





P51B17

P51B17 is 17 feet of _70C Packaged with nails

CUSHION ("V") - WOOD OR METAL DOORS

74

- · Cushion weatherstrip fits wood or metal doors
- Made from .008" hemmed spring bronze/brass (B)

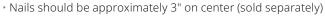
73 AVAILABLE FINISH: B AVAILABLE LENGTHS: 96"





7⁄8".

(22.2)



• Gap coverage is 1/8" minimum to 3/16" maximum



FASTENERS FOR CUSHION, SPRING AND INTERLOCK WEATHERSTRIP

· Fasteners for cushion, spring, and interlock weatherstrip are sold separately unless otherwise specified



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



NOTE: Copper nails may be substituted for "BB" nails while brass remains unavailabile



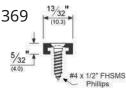
Pemko Perimeter Gasketing

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PRIVACY SEALS FOR SLIDING DOORS

PEMKOSFSET1

- Will seal gaps 1/8 to 3/8" for barn door sliding hardware
- Works with any sliding door hardware
- · Requires 1/2" frame to keep the gasket from marring the wall



PEMKOSFSET3

Product

394-10BE

950-10BE

PY900BI

29394CPK

394C

950C

PY900BL

29394BSPPK

394BSP

950BSP

PY900BL

29394DPK

394D

950D

PY900BL

29394WSPPK

394WSP

Finish

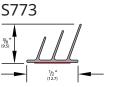
10BE

С

BSP

D

WSP



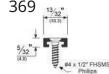
Standard Kit Sizes			
Finish	Product Color		
С	369C S773GR	Clear Anodized Gray	
D	369D S773BL	Dark Bronze Anodized Black	
PW	369C S773PW	Clear Anodized White	

PEMKOSFSET2

- Will seal gaps 1/8 to 3/8" for
 - barn door sliding hardware
- Works with any sliding door hardware

· Requires 1/2" frame to keep the gasket from marring the wall

- Includes a surface mounted bottom seal
- S773

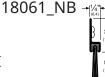


29326 NB 394

5/8" (15.9)

뷺

1/4"



Standard Kit Sizes			
Finish	Product	Color	
С	369C S773GR 18061CNB	Clear Anodized Gray Clear Anodized, Gray Brush	
D	369D S773BL 18061DNB	Dark Bronze Anodized Black Dark Bronze Anodized, Black Brush	
PW	369C S773PW 18061PWNB	Clear Anodized White Painted White	

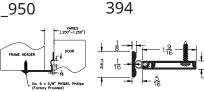
PEMKOSFSET5 950 394



	*					
dard Kit Sizes			Standard Kit Sizes			
	Color	Finish	Product	Color		
-PK	Satin Bronze Powder Coat with Black PemkoPrene™ Satin Bronze Powder Coat Satin Bronze Powder Coat Black Satin Bronze Powder Coat	10BE	29394-10BE-PK 394-10BE 950-10BE PY900BL SN-RD-A	Satin Bronze Powder Coat with Black PemkoPrene™ Satin Bronze Powder Coat Satin Bronze Powder Coat Black Aluminum with Black Silicone		
<	with Black Nylon Brush Clear Anodized with Black PemkoPrene™ Clear Anodized Clear Anodized Black	С	29394CPK 394C 950C PY900BL SN-RD-A	Clear Anodized with Black PemkoPrene™ Clear Anodized Clear Anodized Black Aluminum with Black Silicone		
B PK	Clear Anodized with Gray Nylon Brush Black Suede Powder Coat with Black PemkoPrene™ Black Suede Powder Coat Black Suede Powder Coat Black Suede Powder Coat	BSP	29394BSPPK 394BSP 950BSP PY900BL SN-RD-A	Black Suede Powder Coat with Black PemkoPrene™ Black Suede Powder Coat Black Suede Powder Coat Black Aluminum with Black Silicone		
K	Black Suede Powder Coat with Black Nylon Brush Dark Bronze Anodized with Black PemkoPrene™ Dark Bronze Anodized Dark Bronze Anodized	D	29394DPK 394D 950D PY900BL SN-RD-A	Dark Bronze Anodized with Black PemkoPrene™ Dark Bronze Anodized Dark Bronze Anodized Black Aluminum with Black Silicone		
В	Black Dark Bronze Anodized with Black Nylon Brush		29394WSPPK 394WSP	White Suede Powder Coat with Black PemkoPrene™ White Suede Powder Coat		
ΡK	White Suede Powder Coat with Black PemkoPrene™ White Suede Powder Coat White Suede Powder Coat	WSP	950WSP PY900BL SN-RD-A	White Suede Powder Coat Black Aluminum with Black Silicone		
	Black					

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

950WSP White Suede Powder Coat PY900BL Black ΡΕΜΚΟ



Standard Kit Sizes

29394-10BE-PK Satin Bronze Powder Coat

Color

with Black PemkoPrene™

Satin Bronze Powder Coat

Satin Bronze Powder Coat

Black

Clear Anodized with Black PemkoPrene™

Clear Anodized

Clear Anodized

Black

Black Suede Powder Coat with Black PemkoPrene™

Black Suede Powder Coat

Black Suede Powder Coat

Black

Dark Bronze Anodized with Black PemkoPrene™

Dark Bronze Anodized

Dark Bronze Anodized

Black

White Suede Powder Coat with Black PemkoPrene™

White Suede Powder Coat

29326WSPNB

- 1/4	No. 6 x 5/8" PHSMS, Philips (Factory Provided)
	Standard

950

PEMKOSFSET4

	Jtanua	TU KIL SIZES	
Finish	Product	Color	Finish
10BE	29394-10BE-PK 394-10BE 950-10BE PY900BL 29326-10BE- NB	Satin Bronze Powder Coat with Black PemkoPrene™ Satin Bronze Powder Coat Satin Bronze Powder Coat Black Satin Bronze Powder Coat with Black Nylon Brush	10BE
С	29394CPK 394C 950C PY900BL	Clear Anodized with Black PemkoPrene™ Clear Anodized Clear Anodized Black	С
	29326CNB	Clear Anodized with Gray Nylon Brush	
BSP	29394BSPPK 394BSP 950BSP PY900BL	Black Suede Powder Coat with Black PemkoPrene™ Black Suede Powder Coat Black Suede Powder Coat Black	BSP
		Black Suede Powder Coat with Black Nylon Brush	
D	29394DPK 394D 950D	Dark Bronze Anodized with Black PemkoPrene™ Dark Bronze Anodized Dark Bronze Anodized	D
	PY900BL 29326DNB	Black Dark Bronze Anodized with Black Nylon Brush	
	29394WSPPK 394WSP	White Suede Powder Coat with Black PemkoPrene™ White Suede Powder Coat	WSP
WSP	950WSP PY900BL	White Suede Powder Coat Black	

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White Suede Powder Coat with White Nylon Brush

PEMKO ADHESIVE GASKETING

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SiliconSeal Adhesive-Backed Meeting Stile Gasketing	187
MicroShield [®] Antimicrobial Gasketing	
Hot Smoke Seal/SiliconSeal Combination Fire/Smoke Sealing	188

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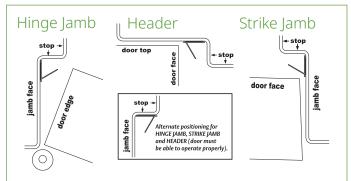
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SILICONSFAL ADHESIVE-BACKED FIRE/SMOKE GASKETING

- · SiliconSeal is extruded from high-temperature silicone; effective between -58°F and 450°F
- · Self-extinguishing and non-toxic; unaffected by sunlight, ozone, and ultraviolet rays
- · Impervious to fungus and mildew; will not deteriorate under normal exposure
- Meets FAR 25.853 Airworthiness Standards for **Compartment Interiors**

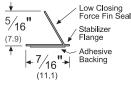


Application is acceptable anywhere along jamb face **S44 shown, but application detail applies to PK33, PK55, S442, S77, S88, S773, and S776 also.

S44

AVAILABLE FINISHES: BL, C, D, GR, W AVAILABLE LENGTHS: 17', 18' 20', 21', 25', 30', 204', 510' ANSI: ROE154, ROE155

- Designed for tighter frames
- · Demonstrates extremely low closing force
- Seal begins compressing at 5/16"; compresses to seal up to a ¹/₁₆" gap

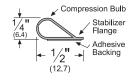




S88

AVAILABLE FINISHES: BL, C, D, GR, TAN, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

- ANSI: **R0E154, R0E155**
- Seal begins compressing at 1/4"; compresses to seal up to a 1/16" gap







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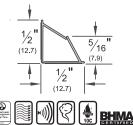
186

S442

AVAILABLE FINISHES: **BL, D, W** AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30'. 510'

ANSI: ROE154. ROE155

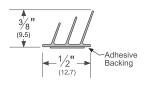
- · Fits flush into corner
- Seal begins compressing at 5/16"; compresses to seal up to a 1/16" gap in either direction



S773

AVAILABLE FINISHES: BL, D, GR, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250', 500'

- ANSI: ROE154, ROE155
- Triple-fin design effectively blocks light and sound from infiltrating a room
- Seal begins compressing at ³/₈"; compresses to seal up to a 3/32" gap

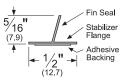




S77_ AVAILABLE FINISHES: BL, C, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 500'

ANSI: ROE154, ROE155

- · Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"; compresses to seal up to a 1/16" gap



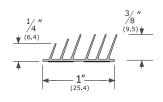


S776 AVAILABLE FINISHES: **BL**

AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30'

ANSI: ROE154, ROE155

- · Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at ³/₈"





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE BL (Black) C (Clear) D (Dark Brown) GR (Light Gray) TAN (Tan) W (White)

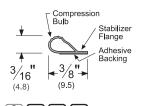
> 800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

PEMKOPRENE® ADHESIVE-BACKED FIRE/SMOKE GASKETING

PK33

AVAILABLE FINISHES: BL, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510' ANSI: ROG154, ROG155

- · Designed for tighter frames
- · Demonstrates extremely low closing force
- Seal begins compressing at ³/₁₆"; compresses to seal up to a 1/16" gap



Q 4

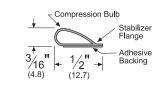
PK55

AVAILABLE FINISHES: BL, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510' ANSI: ROG154, ROG155

- · Designed for tighter frames
- · Demonstrates extremely low closing force
- Seal begins compressing at ³/₁₆"; compresses to seal up to a ¹/₁₆" gap

meet

Inactive Door



SILICONSEAL ADHESIVE-BACKED MEETING STILE GASKETING

S772

AVAILABLE FINISHES: BL, C, D, W

AVAILABLE LENGTHS: 7', 8', 9, 10'

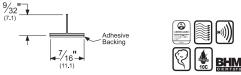
ANSI: R0E154, R0E155, R0E754, R0E755

- · Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- Outstanding ozone resistance rating

BHMA

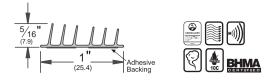
• Smoke tested in accordance with UL1784; meets the requirements of NFPA 105 "Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives"

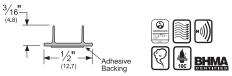




S771x6 AVAILABLE FINISHES: BL AVAILABLE LENGTHS: 7', 8', 9', 10' ANSI: R0E154, R0E155, R0E754, R0E755

- · Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"

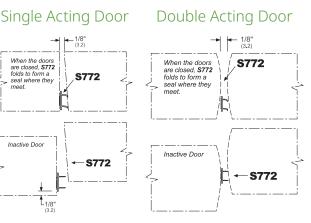




AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE BL (Black) C (Clear) D (Dark Brown) W (White)

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Gasket may be applied to either the active or inactive door leaf. NOTE: detail is for S771, S771x6, and S772

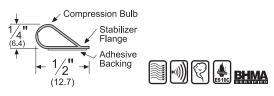


MICROSHIFI D° ANTIMICROBIAL GASKETING

- Pemko Adhesive Gasketing
- · Extruded from high-temperature silicone with MicroShield[®], a silver-based antimicrobial additive
- Effective between -58°F and 450°F
- Adhesive Backed

AM88

AVAILABLE FINISHES: BL, C, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510' ANSI: ROE154. ROE155



- Self-extinguishing and non-toxic
- · Unaffected by sunlight, ozone and ultraviolet rays
- · Exceeds the requirements for Antimicrobial Test |IS-Z-2801



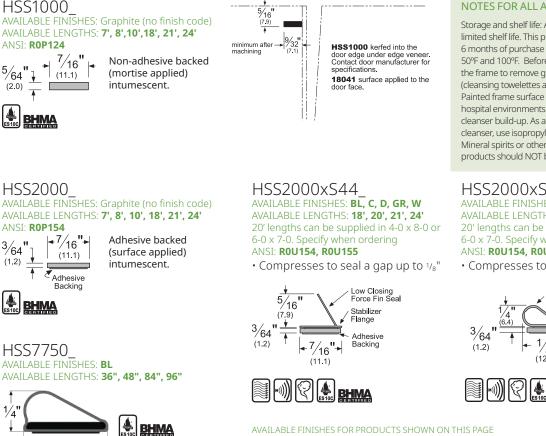
MicroShield[®]

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield[®] technology, a silver-based antimicrobial additive designed to inhibit the growth of bacteria.

MicroShield[®] is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

HOT SMOKE SEAL/SILICONSEAL COMBINATION FIRE/SMOKE SEALING

- · Chemically inert, highly stable, expandable graphite strip
- Tested and proven in positive pressure conditions to withstand both hot smoke and hot gasses, resulting in longer integrity of the door assembly
- More economical to use than specially modified doors in "tested assembly only" classifications
- · Hot Smoke Seal can be painted to blend in with the finish of a frame
- · Will not degrade from carbon dioxide and ozone like many competitive intumescents from other manufacturers
- · Unaffected by moisture and will not break down like fiber-based or cellulose-based products



BL (Black) C (Clear) D (Dark Brown) GR (Light Gray) W (White)

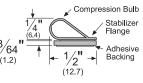
NOTES FOR ALL ADHESIVE GASKETING:

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. Before installing: Thoroughly clean the frame to remove grease, dust or cleanser build-up (cleansing towelettes are included with product). Painted frame surface must be completely dry. Some hospital environments have wax or anti-bacterial cleanser build-up. As an alternative or substitute cleanser, use isopropyl (rubbing) alcohol. Note: Mineral spirits or other petroleum based cleaning products should NOT be used.

HSS2000xS88

AVAILABLE FINISHES: **BL, C, D, GR, W** AVAILABLE LENGTHS: 18', 20', 21', 24' 20' lengths can be supplied in 4-0 x 8-0 or 6-0 x 7-0. Specify when ordering ANSI: ROU154, ROU155

• Compresses to seal a gap up to 1/8"





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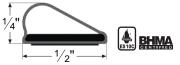
HSS2000

AVAILABLE LENGTHS: 7', 8', 10', 18', 21', 24' ANSI: ROP154





HSS7750 AVAILABLE FINISHES: BL AVAILABLE LENGTHS: 36", 48", 84", 96"





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PEMKO HOSPITALITY PRODUCTS

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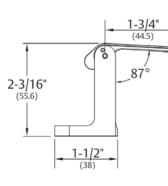
PRIVACY DOOR LATCH

- · Easy to install, simple to operate
- ADA Compliant

PDLAA_

- Enhances room privacy
- UL Classified as a fire door accessory

AVAILABLE COLORS: PDLAA26 Polished Chrome PDLAA26D/15 Polished Chrome/ Satin Nickel PDLAA3 Polished Brass PDLAA4 Brushed Brass PDLAA4BSP Black Suede PDLAA10BE Dark Oxidized Satin Bronze, Equivalent





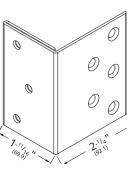


PRIVACY DOOR LATCH BRACKET

- · Designed for Timely or Redi-Frame frames with snap on trim
- Bracket allows PDL to be installed in the correct position for proper operation
- · Custom powder coat options available.

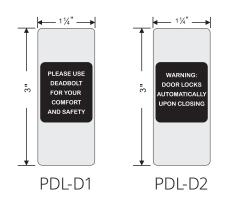
PDLBRKT_

AVAILABLE COLORS: Paintable Galvannealed (blank) Black Suede (BSP) Satin Bronze (10BE) White Suede (WSP)





- Used to cover holes left on door and frame from old style door latch. Per NFPA80 holes must first be filled with like material in order to maintain the fire opening rating
- Made from stable, mar-resistant plastic
- Sub-surface screen printing so verbiage will not be affected by gentle cleaning/dusting



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SILICONSEAL ADHESIVE GASKETING

S44_

AVAILABLE FINISHES: **BL, C, D, GR, W** AVAILABLE LENGTHS: **17'**, **18'**, **20'**, **21'**, **25'**, **30'**, **204'**, **510'**

ANSI: **R0E154, R0E155**

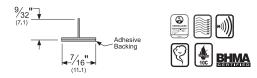
- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at 5/16"; compresses

to seal up to a 1/16" gap



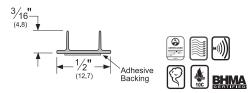
S771_

AVAILABLE FINISHES: **BL, C, D, W** AVAILABLE LENGTHS: **7', 8', 9', 10'** ANSI: **R0E154, R0E155, R0E754, R0E755**



S772_

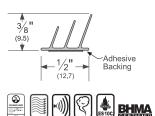
AVAILABLE FINISHES: **BL, C, D, W** AVAILABLE LENGTHS: **7', 8', 9', 10'** ANSI: **R0E154, R0E155, R0E754, R0E755**



S773_

AVAILABLE FINISHES: **BL, D, GR, W** AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 250', 500'** ANSI: **R0E154, R0E155**

- Triple-fin design effectively blocks light and sound from infiltrating a room
- Seal begins compressing at ³/₈"; compresses to seal up to a ³/₃₂" gap



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **BL** (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **TAN** (Tan) **W** (White) 800-824-3018 | www.pemko.com

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S776

AVAILABLE FINISHES: **BL**

meeting stile applications

Seal begins compressing at 3/8"

ANSI: ROE154, ROE155

¹∕4 ★ ^(6.4)

AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30'

· Designed for hollow metal and wood

1

(25.4)

🗑 🔊 🖗 🍨 <u>bhma</u>

3/8 "

(9.5)

S88_

AVAILABLE FINISHES: BL, C, D, GR, TAN, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510'

ANSI: **R0E154, R0E155**

1/2" → (12.7)

 \cdot Seal begins compressing at ${\it V_4"};$ compresses to seal up to a ${\it V_{16}"}$ gap

Compression Bulb

∕ Stabilizer Flange

Adhesive Backing

S442_

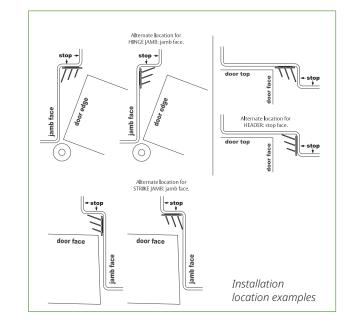
AVAILABLE FINISHES: BL, D, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 510'

ANSI: R0E154, R0E155

Seal fits flush into corner

 \cdot Seal begins compressing at ${}^{\rm 5\prime_{16}}$ "; compresses to seal up to a ${}^{\rm 1\prime_{16}}$ " gap in either direction

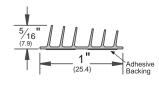




S771x6_

AVAILABLE FINISHES: **BL** AVAILABLE LENGTHS: **7', 8', 9', 10'** ANSI: **R0E154, R0E155, R0E754, R0E755**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"







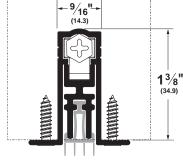
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AUTOMATIC DOOR BOTTOMS - ACOUSTIC

- Recommended gap under door is 3/8" for optimal acoustic performance; max drop is 3/4"
- Internal mechanism allows bar to accommodate slight imperfections in floor materials





13/

(44.5

Door Shoes 2173 V

AVAILABLE FINISHES: A, BSP, D, G, WSP AVAILABLE LENGTHS: 36", 48" **REPLACEMENT INSERT:** EV94 (BL) ANSI R3D414, R3D415

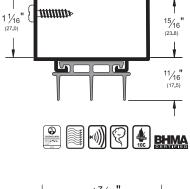
Also available with unnotched insert: 2173_V36UN

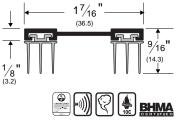
2173_V48UN

3692 PK773

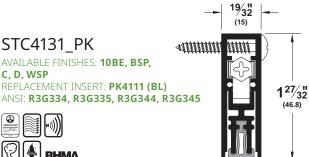
AVAILABLE FINISH: Α

AVAILABLE LENGTHS: 36", 48" **REPLACEMENT INSERT:** PK773 (BL, GR) ANSI R3G414, R3G415





- STC411 end plate kit is K435; for doors narrower than 1-34", specify end plate kit K411
- STC4131 end plate kit is K4133C for Clear Anodized and K4133D for Dark Bronze Anodized
- Non-handed



2113 V

AVAILABLE FINISHES: A, BSP, D, G, WSP AVAILABLE LENGTHS: 36", 48" **REPLACEMENT INSERT:** EV94 (BL) ANSI:

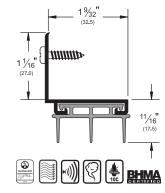
R3D414, R3D415 Also available with

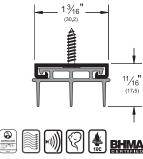
unnotched insert:

2113_V36UN 2113_V48UN

2343 V

AVAILABLE FINISHES: A, BSP, D, G AVAILABLE LENGTHS: 36", 48" REPLACEMENT INSERT: EV94 (BL) ANSI: R3D414, R3D415 Also available with unnotched insert: 2343_V36UN 2343 V48UN





ACOUSTIC ADHESIVE CORNER PADS

- Corner pad with black or white polypropylene pile, with pressure-sensitive adhesive
- · Apply to corner of jamb on hinge side to seal against air and light infiltration

ACP112 AVAILABLE COLORS: BL, W





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **G** (Gold Anodized) WSP (White Suede Powder Coated Aluminum) Corner Pad: BL (Black) W (White)

1 1/4"

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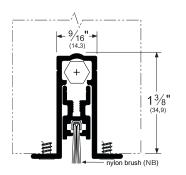
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Pemko Hospitality Products

AUTOMATIC DOOR BOTTOMS

- All Pemko Automatic Door Bottoms, 24" and up, can be manufactured for field alteration.
- Please specify when ordering: Allow 2" for field trimming

AVAILABLE FINISH: Α **REPLACEMENT INSERT:** P14075 (BL, GR) ANSI: R3A324, R3A325

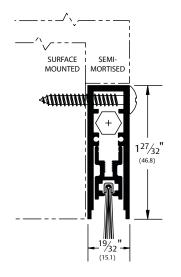






4131_NBL

AVAILABLE FINISHES: BSP, C, D, SN **REPLACEMENT INSERT:** P14075 (BL, GR) ANSI. R3A334, R3A335, R3A344, R3A345



nylon brush (NB)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

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

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REPLACEMENT INSERT: E7 (BL) ANSI: R3G324, R3G325 4 9/16[™]
 (14.3) 13/8" (34.9) sponge EPDM (R) H)))) Q BHMA 4131_RL AVAILABLE FINISHES: BSP, C, D, SN REPLACEMENT INSERT: E7 (BL) R3G334, R3G335, R3G344, R3G345 - - -SURFACE SEMI-MOUNTED |MORTISED **411111111** + 1²⁷/₃₂" (46.8)

¹⁹⁄32 _

(15.1)

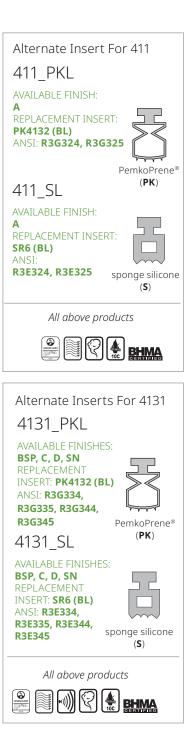
sponge EPDM (R)

BHMA

411_RL

ANSI

AVAILABLE FINISH:





FCO-V[™] THRESHOLDS

- Eco-V[™] thresholds create an ideal transition where two different pieces of carpet meet, or carpet meets another surface under a door
- · Ideal for use in any high-traffic commercial installation, such as hotels and offices
- Eco-V[™] thresholds are manufactured from slightly softer material than competitive products. This aids in the cutting and fitting of the threshold and facilitates easier insertion of the carpet into the holding cavities on the carpet side(s) of the threshold

EV232

AVAILABLE COLORS: BL, D

AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where two pieces of carpet meet beneath an interior door



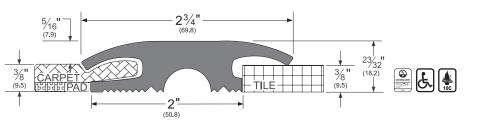
outlined in ADAAG-2010 (Amended); ICC/ANSI A117.1 and California Building Code, Title 24 for Barrier-Free Entry - 1/2" max rise above finished floor



EV2325

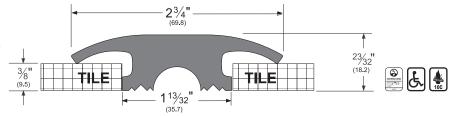
AVAILABLE COLORS: BL, D

AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where one piece of carpet meets tile beneath an interior door



EV2326_

AVAILABLE COLORS: **BL, D** AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where two pieces of tile meet beneath an interior door



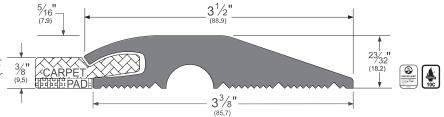
EV2320

EV2322

interior door

AVAILABLE COLOR: **BL**

AVAILABLE COLOR: BL AVAILABLE LENGTHS: 36", 48", 73" Serves as a transition where carpet meets concrete beneath an interior or exterior door







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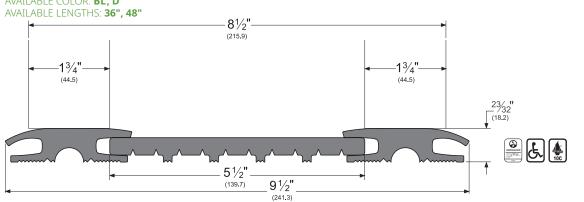
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ADJUSTABLE-WIDTH ECO-V[™] THRESHOLD

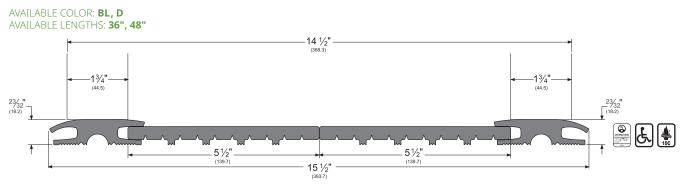
- The adjustable-width threshold is designed for installations where the widths of the transition beneath a door may need to change, without completely disassembling and reinstalling the threshold
- The adjustable-width threshold consists of two $\mathsf{Eco}\text{-}\mathsf{V}^{\scriptscriptstyle{\mathbb{M}}}$ end pieces and one Eco-V[™] adjustable center section
- Center section (EV2321 below) can easily be cut to size with a standard razor knife

ADJ232V8_





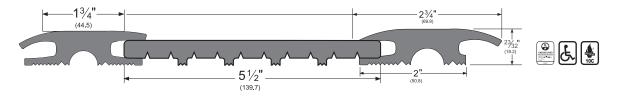
ADJ232V14_



ADJ232x2325V8_

AVAILABLE COLOR: **BL, D** AVAILABLE LENGTHS: 36", 48"

For carpet to tile applications; other combinations available



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE BL (Black) D (Dark Brown)

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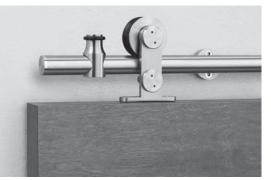
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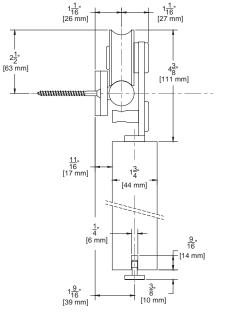


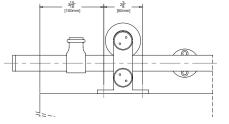
STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM

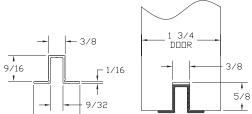
W60 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.









NOTE: Alternate route dimension when using optional EPD3BL



Configurations:

Installations:

Side Wall Mount (only)

Single

• Bi-parting

- **Features:** · Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W60)
- Black Powder Coated Stainless Steel (W60D)
- Polished Stainless Steel (W60P)

W60 Kits Include:

- BAR/_ Stainless Steel Track 1 ea
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea 62 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea **STOP2** Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, Polished finishes be sure to include a prefix "D" for Black Powder Coat, or "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W60/6	304 Stainless Steel	78 ³ /4"	36"
W60/8	304 Stainless Steel	987/16"	48"
W60D/6	Black Powder Coated Stainless Steel	78³/4"	36"
W60D/8	Black Powder Coated Stainless Steel	98 ^{7/} 16"	48"
W60P/6	304 Polished Stainless Steel	78³/4"	36"
W60P/8	304 Polished Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) W60 H/PACK Mortise Guides Polypropylene Guide Rail 5/8" Spacer

102N

EPD3BL For Use With 102N

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

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CASCADING SLIDING DOOR SYSTEM

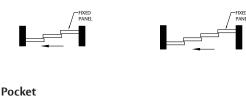
For Sliding Panels up to 200 lbs. each.



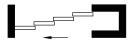
Note: All doors must be of equal width. Minimum overlap between doors is 2".

Cased Opening

NOTE: Aluminum "T" Guide **102PB** Shown Under Options Must be Ordered Separately for Fixed Panel in Cased Opening Application







Side Wall Mount

NOTE: Side Wall track Brackets Shown Under Options Must be Ordered Separately for Side Wall Mount Openings



Configurations:

- Bi-part Telescoping
- Single Direction Telescoping

Features:

- Opening and closing of lead door results in the trailing doors to follow because of interlocking hardware at door top edges
- $\,$ $\,$ Easy to install with self aligning components on 1 $^3/^4$ and 1 $^3/^8$ thick doors
- Telescoping panels glide along the track
- Solid steel catches with rubber bumpers ensure durable yet quiet operation
 200 lb. per door weight capacity
- 200 lb. per door weight capa
 5 year warranty

• J year warrancy

Cascading Kit Includes:

CAS-05 Catches - Mechanical Catch system - 2 Per Door 601H - Track Stops - 2 Per Door H222R1 - Hangers - 2 Per Door DBG-02R1 - Door Bottom Guides - 1 Per Door TELS-23 - End Plates - 2 Per Door 2802C - Single Extrusion - Dual Track 280C - Single Extrusion - Dual Track 280C - Single Extrusion - Single Track C1076-TC - Track Connector for CAS200A-4/_ Kits EPD3-BL - Polypropylene Guide Rails - 1 Per Door WRENCH14 - 1 Hanger Wrench Hardware Fasteners

Cascading System Kits				
PART NUMBER	TRACK LENGTH	# OF DOORS	INSTALLATION	
CAS200A-2/6	6'	2		
CAS200A-2/8	8'	2	Pocket	
CAS200A-2/10	10'	2	Side Wall	
CAS200A-2/12	12'	2		
CAS200A-3/8	8'	3		
CAS200A-3/10	10'	3	Pocket	
CAS200A-3/12	12'	3	Cased Opening Side Wall	
CAS200A-3/16	16'	3		
CAS200A-4/8	8'	4		
CAS200A-4/10	10'	4	Pocket	
CAS200A-4/12	12'	4	Cased Opening	
CAS200A-4/16	16'	4		

For special number of doors and for dark bronze track, please contact Technical Support for more information

Options:

Lock Kit	SIM150-LOCKKIT includes lock with edge pull and cup pull
Bolt Kit	SIM150-BOLTKIT includes surface bolt, dust-proof strike, cup pull, and edge pull
Fascia	F134C Snap-on Fascia
Splice Kit	C1076-2SPLKIT for use with Bi-Parting systems and 2802C Track C1076-3SPLKIT for use with Bi-Parting systems and 2803C Track
Back Stop	TELS-25 for use with pocket systems when no access to in track stops in pocket
Aluminium "T" Guide	102PB for use with fixed panel in cased opening applications
Side Wall Track Bracket	2812KIT for use with 2802C Track (1 for every 12" of track) 2813KIT for use with 2803C Track (1 for every 12" of track)
Side Wall Joining Bracket	2813-5KIT for use with Side Wall Bi-Parting systems and 2803C Track



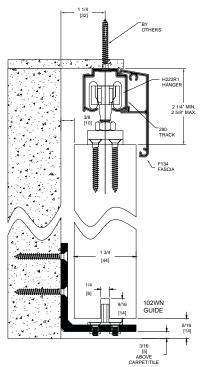
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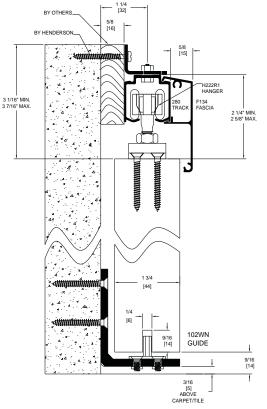
SHS80 SERIES

For Sliding Panels up to 200 lbs.

Overhead Mount



Side Wall Mount





Configurations:

Installations:

- Overhead Mount
 - Side Wall Mount
- Bi-parting Features:

Single

- Hanger body is made of nickel plated zinc alloy for durability and long life
- Steel ball bearing wheels coated in nylon for smooth operation
- 200 lb. panel capacity
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

SHS80 Kits Include:

- 1 ea **280C** Clear Anodized Aluminum Track
- 2 ea **H222R1** Nickel Plated Zinc Alloy Body
- 2 ea **601H** Nylon In-Track Clip Stop
- 1 ea **102WN** White Nylon Mortise Guide on Zinc Plated Steel "L" Metal

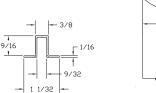
Standard Kit Sizes								
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH					
SHS80/6	Aluminum	72"	36"					
SHS80/8	Aluminum	96"	48"					

Options:

Fascia	F134C clear anodized aluminum fascia F134D dark bronze anodized facia
Side Wall Track Brackets	
Track	280D dark bronze anodized track
End Plate Kit	K134EP (use with F134C and 280C only)
Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Side Wall Mount	
Extra Hardware Pack	SHS80/PACK
Mortise Floor Guide	102N

Polypropylene Guide Rail**EPD3BL** for use with 102N or 102WN Soft Close available. See page 269-271 for more information.

Alternate Route for EPD3BL





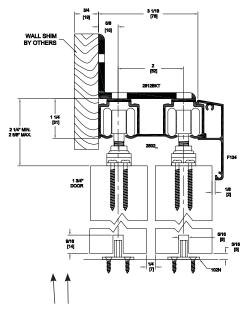
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BYPASS TRACK SERIES

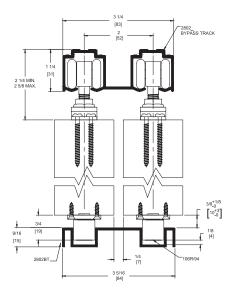
For Bypass Panels up to 200 lbs.

1³/₄" Thick Doors **Side Wall Mount**



NOTE: Route door 9/16" deep by 1/4" wide to receive 102N Guide.

1³/₄" Thick Doors **Overhead Mount**



* Side Wall mounting: use one (1) 2812KIT at each end of track and 24" on center

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) ⊂ (Clear Anodized) 800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

Configurations:

For Bypass Doors

Features:

- Fits 1³/₈" and 1³/₄" doors
- · Hanger body is made of nickel plated zinc alloy for durability and long life
- · Steel ball bearing wheels coated in nylon for smooth operation
- · 200 lb. panel capacity
- · Load capacity 200 lbs. per door panel (2 hangers)
- Extruded aluminum track
- · Optional Soft Close
- 5 year warranty
- · Meets ADA push force requirements

HBP200A Kits Include:

- 1 ea **2802C** Clear Anodized Aluminum Track
- 4 ea H222R1 Hangers
- 2 ea 102N White Nylon Mortise Guide
- 4 ea TELS-14KIT In Track Stops
- Adjusting Wrench and Mounting Hardware 1 ea

Standard Kit Sizes								
PART NUMBER	TRACK LENGTH	DOOR WIDTH						
HBP200A/4	48"	2 @ 26" Min*						
HBP200A/5'4	64"	2 @ 34" Min*						
HBP200A/6	72"	2 @ 38" Min*						
HBP200A/7	84"	2 @ 44" Min*						
HBP200A/8	96"	2 @ 50" Min*						
HBP200A/10	120"	2 @ 62" Min*						
HBP200A/12	144"	2 @ 74" Min*						

*Minimum door overlap is 2".

Options:

Hardware Kit Mounting Bracket Track Track Stop (bumper) Bottom Channel Fascia, Snap-On

H200PACK 2812KIT

2802D dark bronze anodized track 287R1-KIT

94A

F134C clear anodized aluminum fascia. F134D dark bronze anodized aluminum fascia

Roller Guide Dual Guide Channel

106R/94 2802BT Polypropylene Guide Rail EPD3BL for use with 102N

Soft Close available. See page 269-271 for more information.





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PEMKO ACOUSTIC PRODUCTS

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Door Shoes	
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The Impact of Sound

Everyday our ears are met with a barrage of sounds. Sounds can be pleasant, like music or laughter. But they can also be disruptive, like construction or traffic, or even just the people in the cubicle next door. At a certain point sound becomes noise and we look for ways to control it. Sound control is especially important in classrooms, hospitals, hotels and offices, as it impacts our ability to learn, heal, sleep and think. The U.S. Green Building Council recognizes the importance of acoustical control by including LEED Indoor Environment Quality (IEQ) credits for acoustics.

Description of Sound

Sound can be described as vibrations in the air moving in waves. The rate of sound vibrations measured in cycles per second is called frequency and is measured in hertz (Hz). Sound pressure levels are measured in decibels (dB). For a list of common noises and their related decibel level, see the chart on the right.

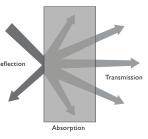
Sound Level dB							
0	Threshold of hearing	Inaudible					
20	Very rural environment	Extremely quiet					
30	Quiet home	Faint					
40	Quiet office	Distant sounds audible					
50	Background conversation	Moderate					
60	Radio/Television in home	Moderate					
70	Highway noise	Moderately loud					
80	Background factory noise	Loud					
90	Noisy factory	Very loud					
105	Elevated train	Deafening					
120	Bass drum at 3'	Physical pain					
130	Jet aircraft at 100'	Physical pain					

Basic Acoustics

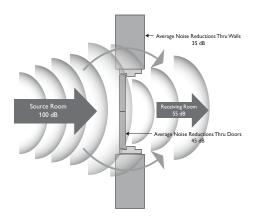
Sound transmission reduction relies on two main principles:

Sound Absorption - Removing sound energy from within a room by using materials such as acoustic tiles or open cell foam to soak up sound.

Sound Insulation - Preventing the transmission of sound waves by introducing a barrier. Examples include brick, concrete, metal, heavy doors, etc.



Sound waves will travel the path of least resistance. A high performing door will not compensate for less performing materials in the walls around it.



In order to reduce the transmission of sound, materials are added between the source room and the receiving room. The resulting change in decibel level is the sound transmission loss and is given a Sound Transmission Class (STC) rating. The higher the rating number, the lower the transmission of sound. The STC rating is roughly the decibel reduction a partition can provide. For instance, if a 100 dB noise is reduced to 55 dB, that product roughly has a STC 45 rating.



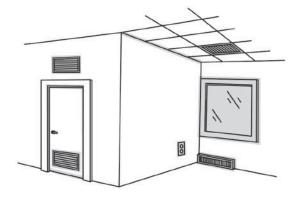
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Sound Flanking

Flanking is the leakage of airborne sound around a door opening through any available gap. Flanking between the door leaf and the surrounding frame is reduced by the use of seals.

Optimum sound attenuation performance is likely achieved using a four sided frame with a sill made to the same detail as the head and the seals set in a single plane. If a full four sided frame is not an option, then alternative threshold sealing options should be made such as automatic door bottoms, door shoes and/or thresholds.



Active STC Rating	Level Of Speech Heard				
STC-30	Loud speech understood				
STC-35	Loud speech heard but not understood				
STC-40	Loud speech audible as a murmur				
STC-45	Some loud speech barely audible				
STC-48	Hearing strained to hear loud speech				
STC-50	Loud speech not audible				

Look for Pemko products with this symbol:

Products indicated by this symbol have been

acoustically tested in accordance with ASTM E90 -

Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building

HI))))

Tested To: ASTM E 90-2009

Partitions and Elements.

STC Ratings

Acoustic Door Testing is done on "sealed-in-place" (fully caulked) doors for door STC ratings, as well as on assemblies (with gasketing and door bottoms) for operable STC ratings. Operable STC ratings are always equal to or lower than the sealed-in-place ratings. The best performance rating on the operable test is a 'zero drop' in the assembly's STC rating. For example, a door with a STC 45 rating can only achieve an operable STC of 45 at its very best; it can never achieve a STC 50.

Also, since sound waves travel the path of least resistance, a high performing door will not compensate for elements like improperly installed seals around doors, the lack of a threshold under the door, a non-insulated frame, louvered doors, or poor seals at the wall/ceiling/ floor/mullion connections.

When STC ratings are determined, normal human speech and hearing are used. In most cases the level of reduction does not totally eliminate but rather muffles the sound to an unintelligible level. The chart shown on the left compares the level of speech that would be heard through a door system with the indicated operable STC rating.

Need STC Rated Doors?

Pemko Acoustic Seal Sets are an important part of an overall acoustic solution. ASSA ABLOY Group brands can provide the other elements of the solution including STC Rated Doors, STC Rated Frames and complete STC Rated Assemblies.

For more information please see:

CECO DOORS: CURRIES: www.cecodoor.com www.curries.com



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Acoustic Seal Sets

Pemko acoustic components are available in their appropriate sets. These product combinations are lab tested and have known decibel drops when used with sound-rated doors. Each kit includes gasketing, a door bottom or threshold, and a complete set of installation instructions. Installation instructions show the proper installation location for each component for optimal performance.

HOW TO:

- 1. Locate the Sealed-In-Place (inoperable) rating for your door.
- 2. Determine the maximum allowable drop for your opening (i.e. -1 db). Note: the numbers are represented as negative numbers as they will decrease your inoperable rating by the number shown (i.e. 45 using a –1 kit will decrease the inoperable rating from 45 to an operable of 44)
- 3. Find a number in the column below your door's inoperable rating that will keep your opening in the allowable range.
- 4. Select a kit (or one of the kits given if Alternate Kits are shown), place it on your Purchase Order and add your opening size in inches (i.e. a 3/0 x 7/0 opening will be ordered as a 3684).

Item Number	Se	ealed-In-F	Place Doc	or STC Rating		
	58 to 54	53 to 49	48 to 46	45 to 43	<42	
PEMKOSTCSET-1A Alternate Kits: 1B, 1C, 1D, 1E		-2	-2	-1	0	
PEMKOSTCSET-2C	-3	-2	-2	-1	0	
PEMKOSTCSET-2D Alternate Kits: 2A, 2B	-3	-2	-1	-1	0	
PEMKOSTCSET-2E	-2	-2	-1	-1	0	
PEMKOSTCSET-3A		-2	-1	0	0	
PEMKOSTCSET-3D		-2	-1	0	0	
PEMKOSTCSET-3E	-2	-2	-1	0	0	
PEMKOSTCSET-3B				0	0	
PEMKOSTCSET-4A	-3	-2	-1	0	0	
PEMKOSTCSET-4B	-3	-2	-1	0	0	
PEMKOSTCSET-4D	-3	-2	-1	0	0	
PEMKOSTCSET-4E	-2	-2	-1	0	0	

NOTE: A seal set cannot increase the sealed-in-place rating; a zero drop is the best performance any seal set can provide.

Item Number	Gasketing	Door Bottom	Threshold	Corner Pad
PEMKOSTCSET-1A	S773BL (Single Row) and S44BL (Single Row)	STC411APK		ACP112BL
PEMKOSTCSET-1B	S44BL (Two Rows)	STC411APK		ACP112BL
PEMKOSTCSET-1C	S442BL (Single Row) and S44BL (Single Row)	STC411APK		ACP112BL
PEMKOSTCSET-1D	303AS and S44BL (Single Row)	STC411APK		ACP112BL
PEMKOSTCSET-1E	312CR and S44BL (Single Row)	STC411APK		ACP112BL
PEMKOSTCSET-2A	S773BL (Single Row) and S44BL (Single Row)		2008APK	
PEMKOSTCSET-2B	S44BL (Two Rows)		2008APK	
PEMKOSTCSET-2C	S442BL (Single Row) and S44BL (Single Row)		2008APK	
PEMKOSTCSET-2D	303AS and S44BL (Single Row)		2008APK	
PEMKOSTCSET-2E	312CR and S44BL (Single Row)		2008APK	
PEMKOSTCSET-3A	S773BL (Single Row) and S44BL (Single Row)	3692APK773BL		
PEMKOSTCSET-3B	S44BL (Two Rows)	3692APK773BL		
PEMKOSTCSET-3D	303AS and S44BL (Single Row)	3692APK773BL		
PEMKOSTCSET-3E	312CR and S44BL (Single Row)	3692APK773BL		
PEMKOSTCSET-4A	S773BL (Single Row) and S44BL (Single Row)		2009APK	
PEMKOSTCSET-4B	S44BL (Two Rows)		2009APK	
PEMKOSTCSET-4D	303AS and S44BL (Single Row)		2009APK	
PEMKOSTCSET-4E	312CR and S44BL (Single Row)		2009APK	

NOTE: 2008PK and 2009PK have acoustic equivalency.



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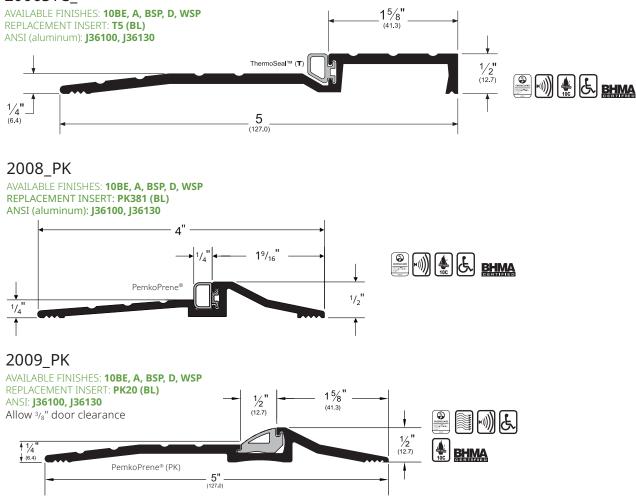
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Pemko Acoustic Products

ACOUSTIC THRESHOLDS

- Pemko Acoustic Thresholds are designed to aid with a door's STC rating
- Thresholds will not improve a doors "sealed in-place" STC rating
- Visit www.assaabloydooraccessories.us, for more Acoustic products and additional information





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum)

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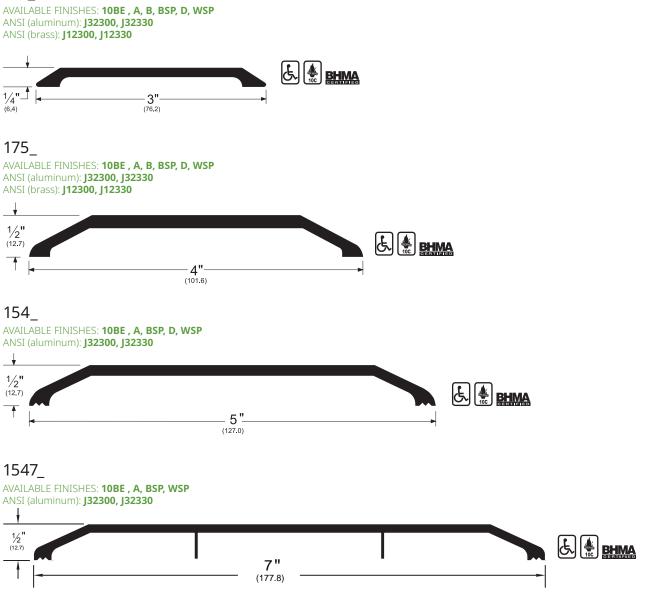
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SADDLE THRESHOLDS

• Use these with Pemko Automatic Door Bottoms to create a smooth, even sealing surface

151_





AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish [Brass] Bronze) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized) **WSP** (White Suede Powder Coated Aluminum)

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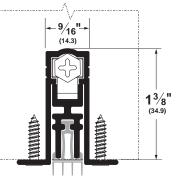
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AUTOMATIC DOOR BOTTOMS - ACOUSTIC

- Non-handed
- Recommended gap under door is ½" for optimal acoustic performance max drop is ¾"
- Internal mechanism allows bar to accommodate slight imperfections in floor materials

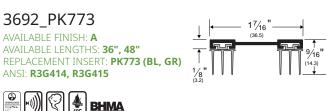






DOOR SHOES

- · Slotted holes for easy adjustment
- · Provided with stainless steel fasteners



- STC411 end plate kit is K435; for doors narrower than 1-¾", specify end plate kit K411
- STC4131 end plate kit is K4133C for Clear Anodized and K4133D for Dark Bronze Anodized

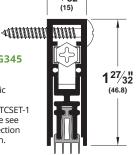
STC4131_PK AVAILABLE FINISHES: 10BE, BSP, c, d, wSP REPLACEMENT INSERT: PK4111 (BL)

REPLACEMENT INSERT: PK4111 (BL) ANSI: R3G334, R3G335, R3G344, R3G345

NOTE



STC411_PK Automatic Door Bottom is now included in PEMKOSTCSET-1 (A through E). Please see Acoustic Products section for more information.

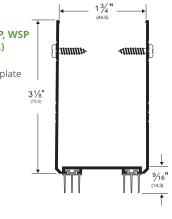


19⁄32

• Use a flat saddle to create a positive sealing surface that ensures maximum acoustic performance

2212_PK773 AVAILABLE FINISHES: 10BE, A, BSP, WSP REPLACEMENT INSERT: PK773 (BL) ANSI: R3G416 • Combination door shoe and kick plate • Excellent Acoustic performance



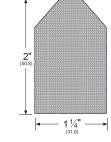


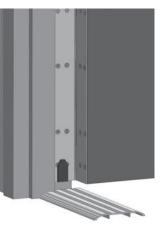
ACOUSTIC ADHESIVE CORNER PADS

- Corner pad with black or white polypropylene pile, with pressure-sensitive adhesive
- Apply to corner of jamb on hinge side to seal against air and light infiltration

ACP112_ AVAILABLE COLORS: **BL, W**

(HI)))







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 BSP (Black Suede Powder Coated Aluminum) C (Clear Anodized)

 D (Dark Bronze Anodized)
 WSP (White Suede Powder Coated Aluminum)

 Corner Pads: BL (Black) W (White)

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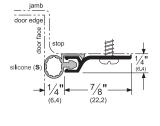
NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **10BE** (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum)

STANDARD PERIMETER GASKETING

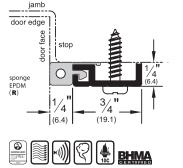
- Rigid jamb weatherstrip shown mounted on openings with 1_{16} " gaps; however, each weatherstrip can seal gaps up to the depth of its seal. Seal depth provided on each illustration (example: the **303** has a 1_4 " seal; therefore, it can seal up to a 1_4 " gap)
- Punched on 6" centers with slotted holes for adjustment
- Model 303 is available with self-adhesive two-sided tape (TST) and tek screws (3 slotted holes per part) for easy installation. To obtain this option, add "TST" to the end of the part when ordering (example: **303AVTST**)
- Pemko is continually commissioning tests for acoustic assemblies. More profiles may be tested from this category. Please contact Customer Service if the options here don't suit your application.

315 R

303_S AVAILABLE FINISHES: 10BE, A, BSP, C, D, G, PW, SN, WSP REPLACEMENT INSERT: S3 (BL, GR, W) ANSI: R3E164, R3E165



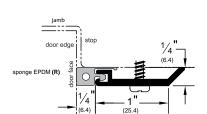




AVAILABLE FINISHES: 10BE, BSP, C, D, WSP

REPLACEMENT INSERT: ER9BL (BL)

ANSI (alum): R3G164, R3G165



AVAILABLE FINISHES: 10BE, BSP, C, D, WSP

REPLACEMENT INSERT: ER9BL (BL)

ANSI (alum): R3G164, R3G165



SILICONSEAL ADHESIVE-BACKED GASKETING

S442

30', 510'

AVAILABLE FINISHES: BL. D. W

ANSI: ROE154, ROE155

either direction

· Fits flush into corner

AVAILABLE LENGTHS: 17', 18', 20', 21', 25',

Seal begins compressing at 5/16";

compresses to seal up to a 1/16" gap in

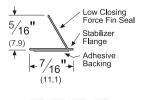
312 R

- SiliconSeal is extruded from high-temperature silicone; effective between -58°F and 450°F
- Self-extinguishing and non-toxic; unaffected by sunlight, ozone, and ultraviolet rays

S44

AVAILABLE FINISHES: BL, C, D, GR, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 204', 510' ANSI: R0E154, R0E155

- Designed for tighter frames
- Demonstrates extremely low closing force
- \cdot Seal begins compressing at $^{5/16}$ "; compresses to seal up to a $^{1/16}$ " gap





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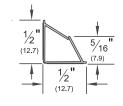
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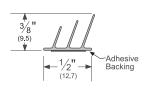
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- Impervious to fungus and mildew; will not deteriorate under normal exposure
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors

S773_ AVAILABLE FINISHES: BL, D, GR, W AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250', 500' ANSI: R0E154, R0E155

- Triple-fin design effectively blocks light and sound from infiltrating a room
- Seal begins compressing at ³/₈"; compresses to seal up to a ³/₃₂" gap







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

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

Metal: 10BE (Satin Bronze Powder Coated Aluminum) A (Mill Finish Aluminum)

BSP (Black Suede Powder Coated Aluminum) D (Dark Bronze Anodized) G (Gold Anodized)
 PW (Painted White) SN (Satin Nickel Anodized) WSP (White Suede Powder Coated Aluminum)
 SiliconSeal: BL (Black) C (Clear) D (Dark) GR (Gray) W (White)

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PEMKO SLIDING & FOLDING HARDWARE



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57B		111		971A		G60 to G70		PF28200A		TBS250A-SW	
57K/N		280		971A		GLASSGUIDE		PFAS		W60 to W100	
62		280		971A		H180A		PFAS88			
72		280		971A		H200		PFAS100			
82		280SWF		971A		H200PACK		PFBG-4			
89/2N		280SWT		971A		H200PACK		PFBG-4			
92		280_SWTKIT		971A		H222R1		PFBG-8			
94A		281		971A		H222R1		PFBG-8			
94A		281	217	971A	256	H222R1	254	PFBS	233	PEM	ίκο

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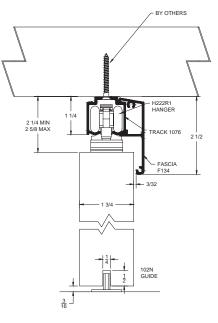
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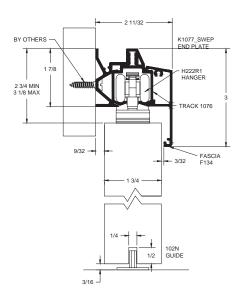
H180A SERIES

For Sliding Panels up to 200 lbs.

Overhead Mount



Side Wall Mount



Configurations:

Installations:

- Overhead Mount
 - · Side Wall Mount
- Bi-parting **Features:**

Single

- · Hanger body is made of nickel plated zinc alloy for
- durability and long life
- · Steel ball bearing wheels coated in nylon for smooth operation
- 200 lb. panel capacity
- · Optional side wall bracket reduces the amount of wall space needed to mount the track
- Optional Soft Close
- 5 year warranty
- · Meets ADA push force requirements

H180A Kits Include:

- 1 ea **280C** Clear Anodized Aluminum Track
- H222R1 Nickel Plated Zinc Alloy Body 2 ea Zinc Alloy Wheels Coated in Nylon
- 287R1-KIT Rubber Bumper In-Track Stop 2 ea
- 102N White Nylon Mortise Guide 1 ea

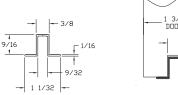
Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
H180A/6	Aluminum	72"	36"
H180A/8	Aluminum	96"	48"
Options:			
Fascia F134C clear anodized aluminum fascia			
F134D dark bronze anodized fasciaSide Wall Track Bracket1075C clear anodized aluminum bracket- order same length as track			
Track 280D dark bronze anodized track			
End Plate Kit K1077C-SWEP (use with F134C fase and 1075C side wall bracket only)			

Bottom Channel 94A Roller Guide 106R/94 971A Side Wall Mount 102WN (nylon) and 102WA (steel) Mortise Guides

EPD3BL for use with 102N or 102WN Polypropylene Guide Rail Soft Close available. See pages 269-271 for more information.

Alternate Route for EPD3BL

Threshold





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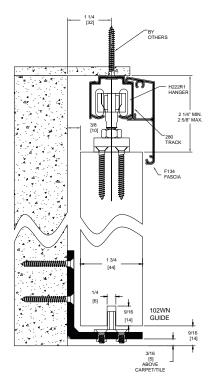
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Pemko Sliding And Folding Hardware

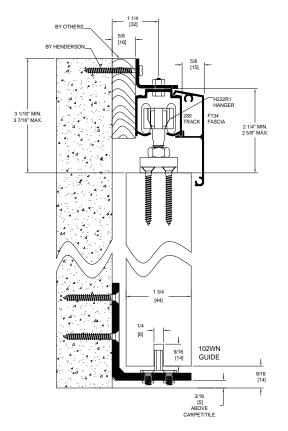
SHS80 SERIES

For Sliding Panels up to 200 lbs.

Overhead Mount



Side Wall Mount



Configurations:

Installations:

- SingleBi-parting
- Overhead MountSide Wall Mount
- Features:
- Hanger body is made of nickel plated zinc alloy for durability and long life
- Steel ball bearing wheels coated in nylon for smooth operation
- 200 lb. panel capacity
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

SHS80 Kits Include:

- 1 ea **280C** Clear Anodized Aluminum Track
- 2 ea H222R1 Nickel Plated Zinc Alloy Body
- 2 ea **601H** Nylon In-Track Clip Stop
- 1 ea **102WN** White Nylon Mortise Guide on Zinc Plated Steel "L" Metal

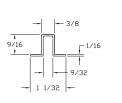
Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
SHS80/6	Aluminum	72"	36"
SHS80/8	Aluminum	96"	48"

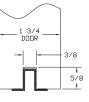
Options:

Options.	
Fascia	F134C clear anodized aluminum fascia
	F134D dark bronze anodized facia
Side Wall Track Brackets	PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket. NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included.
Track	280D dark bronze anodized track
End Plate Kit	K134EP (use with F134C and 280C only)
Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Side Wall Mount	
Extra Hardware Pack	SHS80/PACK
Mortise Floor Guide	102N

Polypropylene Guide Rail**EPD3BL** for use with 102N or 102WNSoft Close available. See pages 269-271 for more information.

Alternate Route for EPD3BL







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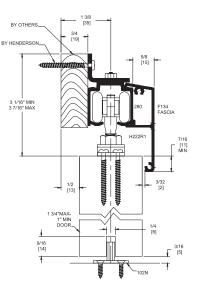
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SLIDING 200 SERIES

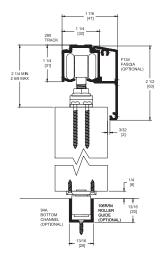
For Sliding Panels up to 200 lbs.

Manufactured by P.C. Henderson

280C Side Wall Mounted



280C Soffit Mounted with Fascia



Configurations:

Single

Features:

Installations:

- Bi-parting
- Overhead Mount Side Wall Mount
- · Hanger body is made of nickel plated zinc alloy for durability and long life
- Steel ball bearing wheels coated in nylon for smooth operation
- 200 lb. panel capacity
- · Galvanized steel track 280
- · Clear anodized aluminum track 280C
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

H200 Kits Include: H200A Kits Include:

- 1 ea 280C Clear Anodized
- Aluminum Track 2 ea H222R1 Hangers
- 102N Nylon Guide 1 ea
- 2 ea TELS-14KIT Stops
- 1 ea Adjusting Wrench and Mounting Hardware
- 1 ea 280 Steel Track
- 2 ea H222R1 Hangers
- 102N Nylon Guide 1 ea
- 2 ea TELS-14KIT Stops
- Adjusting Wrench 1 ea and Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
H200A/4	Aluminum	48"	24"
H200A/6	Aluminum	72"	36"
H200A/7	Aluminum	84"	42"
H200A/8	Aluminum	96"	48"
H200A/10	Aluminum	120"	60"
H200A/12	Aluminum	144"	72"
H200/6	Steel	72"	36"
H200/8	Steel	96"	48"

Options:

Options:	
Hardware Kit	H200PACK
Mounting Bracket	PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included.
Track Stop (bumper)	287R1-KIT
Bottom Channel	94A
Fascia, Snap-On	F134C clear anodized
	(280C aluminum track only)
	F134D dark bronze anodized fascia
Track	280D dark bronze anodized
Roller Guide	106R/94
Side Wall Mortise Guide	102WA (steel) and 102WN (nylon)
Threshold	971A
End Plate	K134EP (use with F134C and 280C only)
Polypropylene Guide Rail	EPD3BL for use with 102N or 102WN
Soft Close available. See pa	ges 269-271 for more information.



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Pemko Sliding And Folding Hardware

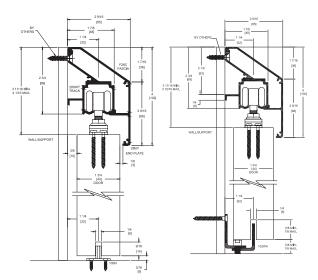
SIDE WALL TRACK (SWT) SYSTEM

For Sliding Panels up to 200 lbs.

The Pemko Side Wall Track System has a unique mounting bracket that is extruded with the track. An innovative wall mounted bottom guide assembly allows carpet to be replaced without removing the door.



SWT Kit Side Wall Mounted



Configurations:

- Single
- Bi-parting

Features:

• Unique mounting bracket extruded into track

Installations:

Side Wall Mount

- Supports up to 200 lbs. per door
- Quick, easy attachment
- New construction or retrofit
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

280SWT Kits Include:

- 1ea **280_-SWT** Aluminum Track
- 1ea **280_-SWF** Aluminum Fascia
- 1ea **K28_-SWEP** Pair of End Plates
- 2ea H222R1 Hangers
- 2ea **TELS-14KIT** In Track Stops
- 1ea **102N** White Nylon Mortise Guide
- 1ea **102WA** Wall Mounted Mortise Guide
- 1ea Adjusting Wrench

Standard Kit Sizes			
PART NUMBER	TRACK LENGTH	DOOR WIDTH	
(Mill Finished Track/Clear Anodized Fascia/End Plates)			
280C-SWTKIT/6	72"	36"	
280C-SWTKIT/8	96"	48"	
280C-SWTKIT/12*	144"	2 @ 36"	
(Dark Bronze Anodized Track/Fascia/End Plates)			
280D-SWTKIT/6	72"	36"	
280D-SWTKIT/8	96"	48"	
280D-SWTKIT/12*	144"	2 @ 36"	

*NOTE: 280_-SWTKIT/12 comes with enough hardware for two doors.

Options:

Hardware Kit (one door)H200PACKRoller Guide106R/94Bottom Channel94ANylon Mortise Guide102WNStainless Steel Flush BoltFB150SSStainless Steel Flush Pull503SF

Soft Close available. See pages 269-271 for more information.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) C (Anodized Aluminum) D (Dark Bronze Anodized)

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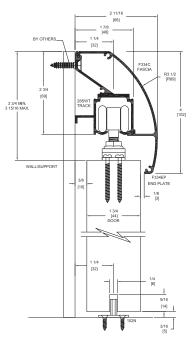


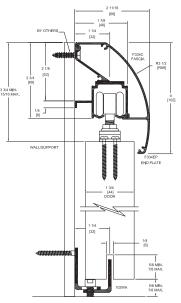
SIDE WALL TRACK SYSTEM WITH RADIUS FASCIA (RF280_-SWTK)

For Sliding Panels up to 200 lbs.

Pemko Side Wall Track Systems have a unique mounting bracket that is extruded with the track. An innovative wall mounted bottom guide assembly allows carpet to be replaced without removing the door.

SWT Kit Side Wall Mounted







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Configurations:

- **Installations:**
- Single • Bi-parting

Side Wall Mount

Features:

- Unique mounting bracket extruded into track
- · Supports up to 200 lbs. per door
- · Quick, easy attachment
- New construction or retrofit
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

RF280 SWT Kits Include:

- 1ea 280 -SWT Aluminum Track
- 1ea F334_ Aluminum Fascia
- KF334 -SWEP Pair of End Plates 1ea
- 2ea H222R1 Hangers
- 2ea TELS-14KIT In Track Stops
- 1ea 102N White Nylon Mortise Guide
- 102WA Wall Mounted Mortise Guide 1ea
- 1ea Adjusting Wrench

Standard Kit Sizes		
PART NUMBER	TRACK LENGTH	DOOR WIDTH
(Mill Finished Track/Clear Anodized Fascia/End Plates)		
RF280C-SWTK/6	72"	36"
RF280C-SWTK/8	96"	48"
RF280C-SWTK/12 *	144"	2 @ 36"
(Dark Bronze Anodized Track/Fascia/End Plates)		
RF280D-SWTK/6	72"	36"
RF280D-SWTK/8	96"	48"
RF280D-SWTK/12 *	144"	2 @ 36"

*NOTE: RF280_-SWTK/12 comes with enough hardware for two doors.

Options:

Hardware Kit (one door)	H200PACK
Roller Guide	106R/94
Bottom Channel	94A
Nylon Mortise Guide	102WN
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF
Soft Close available. See	pages 269-271 for more information.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized)

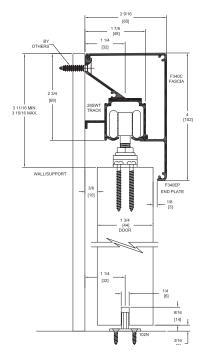
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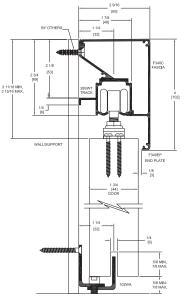
SIDE WALL TRACK SYSTEM WITH SQUARE FASCIA (SF280_-SWTK)

For Sliding Panels up to 200 lbs.

Pemko Side Wall Track Systems have a unique mounting bracket that is extruded with the track. An innovative wall mounted bottom guide assembly allows carpet to be replaced without removing the door.

SWT Kit Side Wall Mounted





Configurations:

- Single
- Bi-parting

Features:

· Unique mounting bracket extruded into track

Installations:

Side Wall Mount

- Supports up to 200 lbs. per door
- Quick, easy attachment
- New construction or retrofit
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

SF280SWT Kits Include:

- 1ea **280_-SWT** Aluminum Track
- 1ea **F340_** Aluminum Fascia
- 1ea **KF340_-SWEP** Pair of End Plates
- 2ea H222R1 Hangers
- 2ea **TELS-14KIT** In Track Stops
- 1ea 102N White Nylon Mortise Guide
- 1ea 102WA Wall Mounted Mortise Guide
- 1ea Adjusting Wrench

Standard Kit Sizes		
PART NUMBER	TRACK LENGTH	DOOR WIDTH
(Mill Finished Track/Clear Anodized Fascia/End Plates)		
SF280C-SWTK/6	72"	36"
SF280C-SWTK/8	96"	48"
SF280C-SWTK/12 *	144"	2 @ 36"
(Dark Bronze Anodized T rack/Fascia/End Plates)		
SF280D-SWTK/6	72"	36"
SF280D-SWTK/8	96"	48"
SF280D-SWTK/12 *	144"	2 @ 36"

*NOTE: SF280_-SWTK/12 comes with enough hardware for two doors.

Options:

Hardware Kit (one door)	H200PACK
Roller Guide	106R/94
Bottom Channel	94A
Nylon Mortise Guide	102WN
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF
Soft Close available See pag	705 260 271 for more

Soft Close available. See pages 269-271 for more information.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized)

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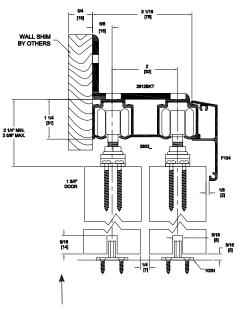
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BYPASS TRACK SERIES

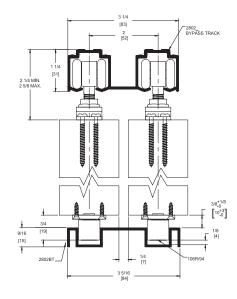
For Bypass Panels up to 200 lbs.

1³/₄" Thick Doors Side Wall Mount



NOTE: Route door ${}^{9\!/}{}_{16}{}^{"}$ deep by ${}^{1\!/}{}_{4}{}^{"}$ wide to receive 102N Guide.

1³/₄" Thick Doors Overhead Mount



* Side Wall mounting: use one (1) 2812KIT at each end of track and 24" on center



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Configurations:

For Bypass Doors

Features:

- Fits 1_{3/8}" and 1_{3/4}" doors
- Hanger body is made of nickel plated zinc alloy for durability and long life
- Steel ball bearing wheels coated in nylon for smooth operation
- 200 lb. panel capacity
- · Load capacity 200 lbs. per door panel (2 hangers)
- Extruded aluminum track
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

HBP200A Kits Include:

- 1 ea **2802C** Clear Anodized Aluminum Track
- 4 ea H222R1 Hangers
- 2 ea 102N White Nylon Mortise Guide
- 4 ea **TELS-14KIT** In Track Stops
- 1 ea Adjusting Wrench and Mounting Hardware

Standard Kit Sizes		
PART NUMBER	TRACK LENGTH	DOOR WIDTH
HBP200A/4	48"	2 @ 26" Min*
HBP200A/5'4	64"	2 @ 34" Min*
HBP200A/6	72"	2 @ 38" Min*
HBP200A/7	84"	2 @ 44" Min*
HBP200A/8	96"	2 @ 50" Min*
HBP200A/10	120"	2 @ 62" Min*
HBP200A/12	144"	2 @ 74" Min*

*Minimum door overlap is 2".

H200PACK

2812KIT

Options:

Hardware Kit Mounting Bracket Track

Track Stop (bumper) Bottom Channel Fascia, Snap-On track 287R1-KIT 94A F134C clear anodized aluminum fascia. F134D dark bronze anodized aluminum fascia 106R/94

2802D dark bronze anodized

Roller Guide106R/94Dual Guide Channel2802BTPolypropylene Guide RailEPD3BL for use with 102NSoft Close available. See pages 269-271 for more
information.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) C (Clear Anodized) D (Dark Bronze Anodized)

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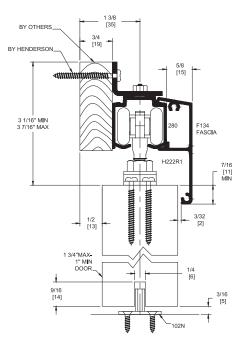
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SIM200A SERIES

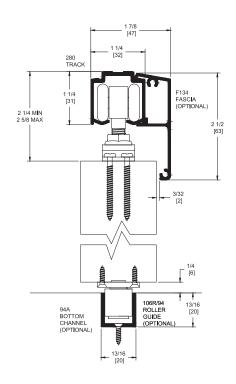
For Sliding Doors up to 48" wide and 200 lbs.

Manufactured by P.C. Henderson

Side Wall Mount



Overhead Mount



Simultaneous Action Unit (SIM) allows the simultaneous operation of two doors.

Configurations:

Bi-parting

Installations:

Overhead Mount
• Side Wall Mount

Features:

- · Allows individual bi-part doors to act as a single operating unit. When one door is opened or closed, the second door operates simultaneously
- · 200 lb. panel capacity
- · Hanger body is made of nickel plated zinc alloy for durability and long life
- · Steel ball bearing wheels coated in nylon for smooth operation
- Clear anodized aluminum track 280C
- 2 year warranty

SIM200A Kits Include:

- 1 ea 280C Clear Anodized Aluminum Track
- 4 ea H222R1 Hangers
- 4 ea 601H Nylon In-Track Clip Stop
- 2 ea 102N White Nylon Mortise Guide
- 1 ea SIM100 Cable and Pulley Kit

Standard Kit Sizes				
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH	
SIM200A/6	Aluminum	72"	2 @ 18"	
SIM200A/8	Aluminum	96"	2 @ 24"	
SIM200A/12	Aluminum	2 @ 72"	2 @ 36"	
SIM200A/16	Aluminum	2 @ 96"	2 @ 48"	

Options:

Fascia

Fascia	F134C clear anodized aluminum fascia F134D dark bronze anodized fascia 280D dark bronze anodized
Side Wall Track Brackets	PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket. NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included.
End Plates	K134EP (use with F134C only)
Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Side Wall Mortise Guides	102WN (nylon) and 102WA (steel)
Polypropylene Guide Rail	EPD3BL for use with 102N or 102WN

E124C clear anodized aluminum faccia



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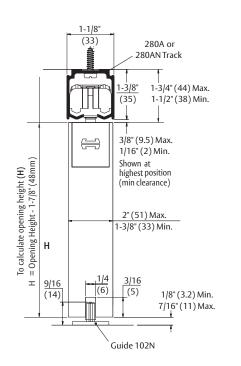
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LP200 SERIES

For Sliding Panels up to 200 lbs.

Manufactured by P.C. Henderson



Low profile design for use where space is limited.

Configurations:

Installations:

- Single
 Bi-parting
- Overhead Mount
 Side Wall Mount

Features:

- Used to maximize door height
- Designed to give a modern clean finish with all parts concealed. Ideal for applications where minimal clearance between track and door is required
- · Easy installation and adjustment
- 200 lb. panel capacity
- Needle bearing nylon wheels for smooth operation
- Clear anodized aluminum track 280C
- 2 year warranty
- Meets ADA push force requirements

LP200A Kits Include:

- 1 ea 280C Clear Anodized Aluminum Track
- 1 ea **LH100** Hardware Kit

LH100 Hardware Kits Include:

- 2 ea Low Head Room Units
- 2 ea End Caps
- 2 ea In-Track Clip Stops
- 1 ea Screw Pack
- 2 ea Low Head Room Hangers
- 1 ea 102N White Nylon Mortise Guide
- 1 ea Small Spanner and 4mm Allen Key

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
LP200A/6	Aluminum	72"	36"
LP200A/8	Aluminum	96"	48"
LP200A/10	Aluminum	120"	60"

106R/94

971A

Options:

Side Wall Track Bracket

PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included. 94A

Bottom Channel Roller Guide Threshold

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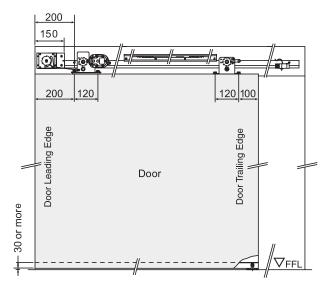
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SIROCCO SERIES

For Sliding Panels up to 176 lbs.

Manufactured by P.C. Henderson





Right Hand SIRRH Shown Above and Below

The Sirocco system is a quiet, user friendly, self closing system which brings the door gently to a close.

The integrated hydraulic soft stop brings the door to a safe and cushioned close making it ideal for disabled access systems or public areas. The internal door brake can also be adjusted to allow the user to dictate the speed of opening preventing damage to the door and system.

Configurations:

Installations:

Single

Side Wall Mount

Features:

- Self closing system for a single door from $311/_2$ " to $471/_4$ " wide and up to 176 lbs.
- Interior applications only
- Comes complete with a hydraulically controlled soft close feature
- · Adjustable closing speed
- · Door brake to reduce opening speed to prevent damage to the door and system
- · Optional hold open unit giving adjustable time delay before self closing
- Operational between temperature ranges of 50 to 104 degrees Fahrenheit
- 2 year warranty
- Meets ADA push force requirements

Sirocco Series Kits Include:

- Track 86.61" long 1 ea
- 1 ea Leading hanger
- Trailing hanger 1 ea
- 1 ea Hydraulic Control Unit
- 1 ea Closing brake rack
- 1 ea Opening brake rack
- Power spring mounting bracket 1 ea
- 7 ea Height adjustment plates
- Power spring unit 1 ea
- Guide roller 1 ea
- Opening door stop 1 ea
- 1 ea Door stop roller
- 1 ea Closing door stop
- 2 ea Wooden door plate (and all required screws and bolts)

Standard Kits		
PART NUMBER	DESCRIPTION	
SIRRH	Right Hand Opening Kit	
SIRLH	Left Hand Opening Kit	



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H300S-OH SERIES

For Sliding Panels up to 300 lbs.

Manufactured by P.C. Henderson

31 57K/N HANGER 3A/290 BRACKET 290 TRACK

Configurations:

Installations: • Overhead Mount

SingleBi-parting

Features:

- Overhead mount system
- Nylon wheels for smooth operation
- 300 lb. panel capacity
- Galvanized steel track 290
- 2 year warranty

H300S-OH Kits Include:

- 1 ea 290 Galvanized Steel Track
- **3A/290** Aluminum Alloy Overhead Mount Track Brackets (One at each end and no more than 3 feet in between)
- 2 ea 1A/290/EC Aluminum Alloy End Caps
- 2 ea **57K/N** White Nylon Body and Wheels, Zinc Coated Steel Pendant Bolt Hangers
- 2 ea HH3/290 Galvanized Steel In-Track Stop
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
H300S-OH/6	Steel	72"	36"
H300S-OH/8	Steel	96"	48"
H300S-OH/10	Steel	120"	60"
H300S-OH/12	Steel	144"	72"

Options:

Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Joining Bracket	3AX/290
Mortise Guides	102N
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



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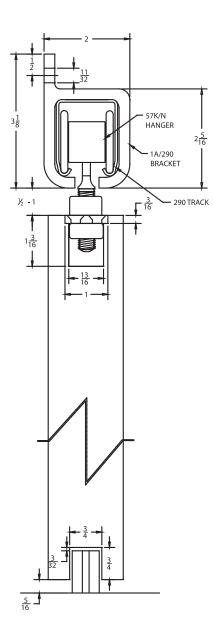
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Pemko Sliding And Folding Hardware

H300S-SW SERIES

For Sliding Panels up to 300 lbs.

Manufactured by P.C. Henderson



Configurations:

Installations: • Side Wall Mount

SingleBi-parting

Features:

- Side wall mount system
- Nylon wheels for smooth operation
- 300 lb. panel capacity
- Galvanized steel track 290
- 2 year warranty

H300S-SW Kits Include:

- 1 ea 290 Galvanized Steel Track
- **1A/290** Side Wall Mount Track Brackets (One at each end and no more than three feet in between)
- 2 ea **1A/290/EC** Aluminum Alloy End Caps
- 2 ea **57K/N** White Nylon Body and Wheels, Zinc Coated Steel Pendant Bolt Hangers
- 2 ea HH3/290 Galvanized Steel In-Track Stops
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH	
H300S-SW/6	Steel	72"	36"	
H300S-SW/8	Steel	96"	48"	
H300S-SW/10	Steel	120"	60"	
H300S-SW/12	Steel	144"	72"	

Options:

•	
Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Side Wall Mortise Guides	102WN (nylon) and 102WA (steel)
Joining Bracket	1AX/290
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



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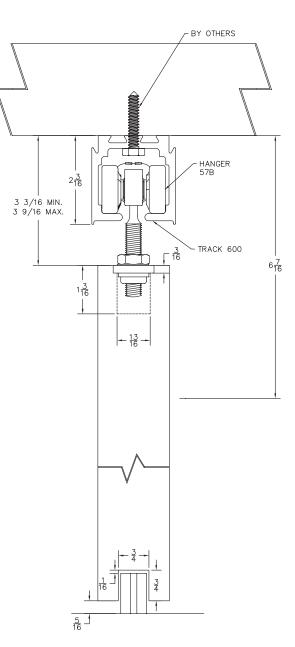
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H440A-OH SERIES

For Sliding Panels up to 440 lbs.

Manufactured by P.C. Henderson



Configurations:

Installations:

Overhead Mount

SingleBi-parting

Features:

- Overhead mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 440 lb. panel capacity
- Mill finished aluminum track 600A
- 2 year warranty
- Meets ADA push force requirements

H440A-OH Kits Include:

- 1 ea 600A Mill Finished Aluminum Track
- 2 ea **57B** Hangers: Gray Nylon Body, Zinc Coated Steel Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 2 ea 601P Nylon In-Track Clip Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
H440A-OH/6	Aluminum	72"	36"
H440A-OH/8	Aluminum	96"	48"
H440A-OH/10	Aluminum	120"	60"
H440A-OH/12	Aluminum	144"	72"
H440A-OH/16	Aluminum	192"	96"

Options:

94A
106R/94
971A
102N
FB150SS
503SF



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Pemko Sliding And Folding Hardware

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H440A-SW Series

For Sliding Panels up to 440 lbs.

Manufactured by P.C. Henderson

$2\frac{1}{10}$

Configurations:

- Installations: • Side Wall Mount
- Single • Bi-parting

Features:

- Side wall mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 440 lb. panel capacity
- Mill finished aluminum track 600A
- 2 year warranty
- Meets ADA push force requirements

H440A-SW Kits Include:

- 1 ea **600A** Mill Finished Aluminum Track
 - **1B** Side Wall Mount Track Brackets
 (One at each end and no more than 3 feet in between)
- 2 ea **57B** Hangers: Gray Nylon Body, Zinc Coated Steel Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 2 ea 601P Nylon In-Track Clip Stop
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH	
H440A-SW/6	Aluminum	72"	36"	
H440A-SW/8	Aluminum	96"	48"	
H440A-SW/10	Aluminum	120"	60"	
H440A-SW/12	Aluminum	144"	72"	
H440A-SW/16	Aluminum	192"	96"	

Options:

94A
106R/94
102N
102WN (nylon) and 102WA (steel)
1BX
FB150SS
503SF



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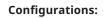
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TBS250A-OH Series

For Sliding Panels up to 250 lbs.

Manufactured by Pemko Manufacturing



Overhead Mount

• Bi-parting

Single

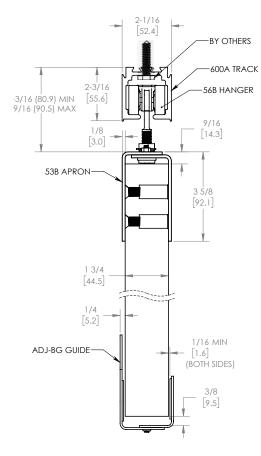
Features:

- Overhead mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 250 lb. panel capacity
- Mill finished aluminum track 600A
- 2 year warranty
- Meets ADA push force requirements

TBS250A-OH Kits Include:

- 1 ea 600A Mill Finished Aluminum Track
- 2 ea **56B** Hangers: Gray Nylon Body, Zinc Coated Steel Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 2 ea **53B/APRON** Mounting Brackets Thru-bolted
- 1 ea ADJ-BG Surface Type Guide
- 2 ea **601P** Nylon In-Track Clip Stop

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
TBS250A-OH/6	Aluminum	72"	36"
TBS250A-OH/8	Aluminum	96"	48"
TBS250A-OH/10	Aluminum	120"	60"
TBS250A-OH/12	Aluminum	144"	72"
TBS250A-OH/16	Aluminum	192"	96"





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TBS250A-SW Series

For Sliding Panels up to 250 lbs.

Manufactured by Pemko Manufacturing

Configurations:

- Single
- Installations:

Side Wall Mount

Bi-parting

Features:

- Side wall mount system
- Nylon body and steel ball bearing nylon wheels for smooth operation
- 250 lb. panel capacity
- Mill finished aluminum track 600A
- 2 year warranty
- Meets ADA push force requirements

TBS250A-SW Kits Include:

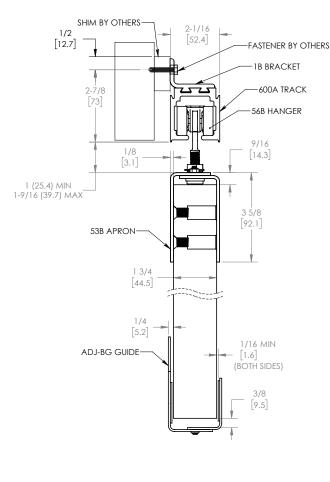
- 1 ea **600A** Mill Finished Aluminum Track
 - **1B** Side Wall Mount Track Brackets (One at each end and no more than 3 feet in between)
- 2 ea 56B Hangers: Gray Nylon Body, Zinc Coated Steel Pendant Bolt, Steel Ball Bearing Nylon Wheels
- 53B/APRON Mounting Brackets Thru-bolted 2 ea
- 1 ea ADJ-BG Surface Type Guide
- 2 ea 601P Nylon In-Track Clip Stop

Standard Kit Sizes				
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH	
TBS250A-SW/6	Aluminum	72"	36"	
TBS250A-SW/8	Aluminum	96"	48"	
TBS250A-SW/10	Aluminum	120"	60"	
TBS250A-SW/12	Aluminum	144"	72"	
TBS250A-SW/16	Aluminum	192"	96"	



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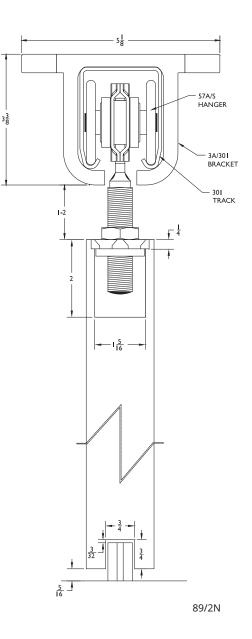
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H600S-OH Series

For Sliding Panels up to 600 lbs.

Manufactured by P.C. Henderson



Configurations:

- Installations:
 - Overhead Mount

SingleBi-parting

Features:

- Overhead mount system
- Heavy duty zinc coated steel
- Ball bearing wheels
- 600 lb. panel capacity
- Galvanized steel track 301
- 2 year warranty

H600S-OH Kits Include:

- 1 ea **301** Galvanized Steel Track
- **3A/301** Aluminum Alloy Overhead Mount Track Brackets
 (One at each end and no more than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/S** Zinc Coated Steel Body, Wheels, and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stops
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH				
H600S-OH/8	Steel	96"	48"	
H600S-OH/10	Steel	120"	60"	
H600S-OH/12	Steel	144"	72"	

Options:

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Threshold	971A
Joining Bracket	3AX/301
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



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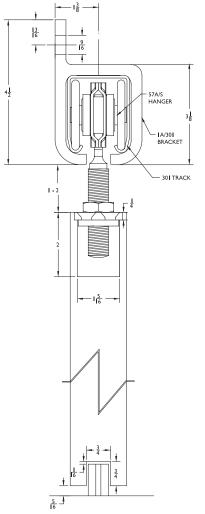
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Pemko Sliding And Folding Hardware

H600S-SW SERIES

For Sliding Panels up to 600 lbs.

Manufactured by P.C. Henderson



89/2N

Configurations:

- ns: Installations: • Side Wall Mount
- SingleBi-parting

Features:

- Side wall mount system
- Heavy duty zinc coated steel
- Ball bearing wheels
- 600 lb. panel capacity
- Galvanized steel track 301
- 2 year warranty

H600S-SW Kits Include:

- 1 ea **301** Galvanized Steel Track
- **1A/301** Side Wall Mount Track Brackets
 (One at each end and no more than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/S** Zinc Coated Steel Body, Wheels, and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stops
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH				
H600S-SW/8	Steel	96"	48"	
H600S-SW/12	Steel	144"	72"	

Options:

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Side Wall Mortise Guides	102WN
Joining Bracket	1AX/301
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



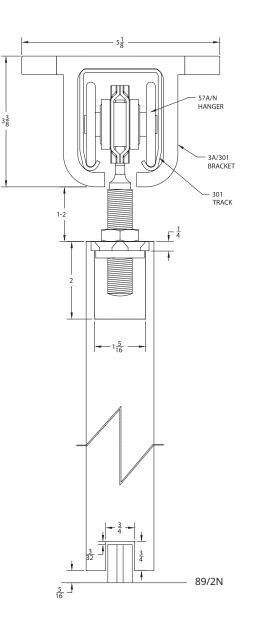
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H800S-OH SERIES

For Sliding Panels up to 800 lbs.

Manufactured by P.C. Henderson



Configurations:

Installations:

Overhead Mount

SingleBi-parting

Features:

- Overhead mount system
- Heavy duty zinc coated steel body
- · Ball bearing nylon wheels for smooth operation
- 800 lb. panel capacity
- Galvanized steel track 301
- 2 year warranty

H800S-OH Kits Include:

- 1 ea **301** Galvanized Steel Track
- **3A/301** Overhead Mount Track Brackets (One at each end and no more than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/N** Zinc Coated Steel Body, Nylon Wheels, and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stop
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH				
H800S-OH/8	Steel	96"	48"	
H800S-OH/10	Steel	120"	60"	

Options:

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Threshold	971A
Joining Bracket	3AX/301
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



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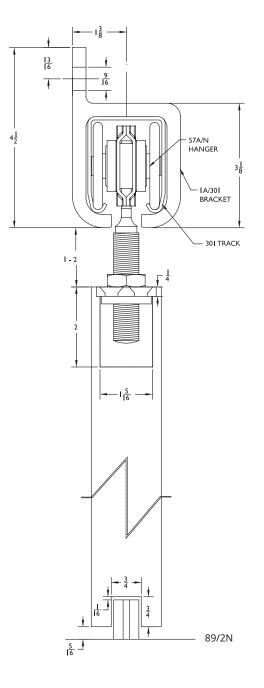
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Pemko Sliding And Folding Hardware

H800S-SW SERIES

For Sliding Panels up to 800 lbs.

Manufactured by P.C. Henderson



Configurations:

Side Wall Mount

Installations:

SingleBi-parting

Features:

- Side wall mount system
- Heavy duty zinc coated steel body
- Heavy ball bearing nylon wheels for smooth operation
- 800 lb. panel capacity
- Galvanized steel track 301
- 2 year warranty

H800S-SW Kits Include:

- 1 ea **301** Galvanized Steel Track
- **1A/301** Aluminum Alloy Side Wall Mount Track Brackets
 (One at each end and no more than three feet in between)
- 2 ea **1A/301/EC** Aluminum Alloy End Caps
- 2 ea **57A/N** Zinc Coated Steel Body, Nylon Wheels, and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stops
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes					
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH					
H800S-SW/6	Steel	72"	36"		
H800S-SW/10	Steel	120"	60"		
H800S-SW/12	Steel	144"	72"		

Options:

Bottom Channel	94A
Roller Guide	106R/94
Mortise Guides	102N
Side Wall Mortise Guides	102WN (nylon) and 102WA (steel)
Joining Bracket	1AX/301
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



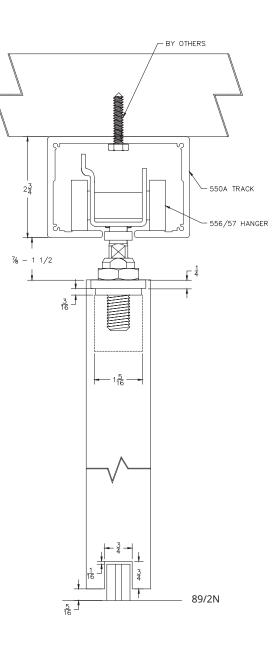
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H1100A-OH SERIES

For Sliding Panels up to 1100 lbs.

Manufactured by P.C. Henderson



Ideally suited for large doors that require high performance and an attractive finish.

Typical applications are hotels, conference centers, shopfronts and showrooms.

Configurations:

Installations:

- Single
- Overhead Mount
- Bi-parting

Features:

- For top hung wood and metal doors
- Heavy duty black painted steel body
- Ball bearing steel wheels
- 1100 lb. panel capacity
- Mill finished aluminum track 550A
- 2 year warranty

H1100A-OH Kits Include:

- 1 ea **550A** Mill Finished Aluminum Track
- 2 ea **556/57** Painted Black Steel Body Zinc Coated Steel Wheels and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stops
- 1 ea **89/2N** Gray Nylon Mortise Guide

Standard Kit Sizes				
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH	
H1100A-OH/6	Aluminum	72"	36"	
H1100A-OH/8	Aluminum	96"	48"	
H1100A-OH/10	Aluminum	120"	60"	
H1100A-OH/12	Aluminum	144"	72"	
H1100A-OH/16	Aluminum	197"	98"	

Options:

Bottom Channel	94A
Roller Guide	106R/94
Threshold	971A
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



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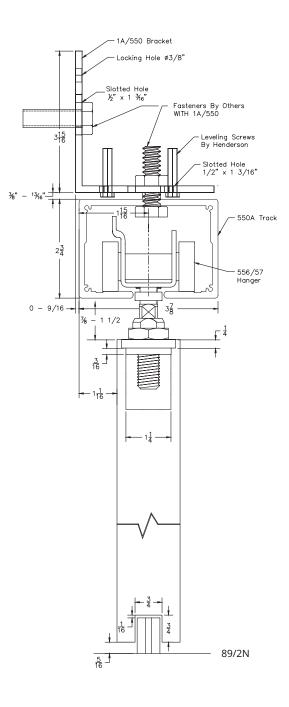
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H1100A-SW SERIES

For Sliding Panels up to 1100 lbs.

Manufactured by P.C. Henderson



Ideally suited for large doors that require high performance and an attractive finish.

Typical applications are hotels, conference centers, shop-fronts and showrooms.

Configurations:

Installations:

- Side Wall Mount
- Bi-parting

Features:

• Single

- · Heavy duty black painted steel body ball bearing wheels
- 1100 lb. panel capacity
- Mill finished aluminum track 550A
- 2 year warranty

H1100A-SW Kits Include:

- 1 ea 550A Mill Finished Aluminum Track
- **1A/550** Aluminum Alloy Side Wall Track Bracket
 Fastners not included with IA/550. (One at each end and no more than three feet in between)
- 2 ea **556/57** Painted Black Steel Body Zinc Coated Steel Wheels and Pendant Bolt Hangers
- 2 ea HH3/301 Galvanized Steel In-Track Stops
- 1 ea 89/2N Gray Nylon Mortise Guide

Standard Kit Sizes					
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH					
H1100A-SW/6	Aluminum	72"	36"		
H1100A-SW/8	Aluminum	96"	48"		
H1100A-SW/10	Aluminum	120"	60"		
H1100A-SW/12	Aluminum	144"	72"		
H1100A-SW/16	Aluminum	197"	98"		

Options:

Bottom Channel	94A
Roller Guide	106R/94
Stainless Steel Flush Bolt	FB150SS
Stainless Steel Flush Pull	503SF



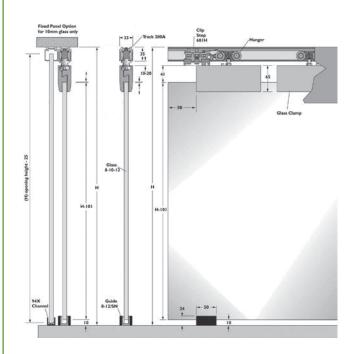
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HUSKY SLIDING GLASS SERIES

For Sliding Panels up to 165 lbs.

Manufactured by P.C. Henderson



For lightweight glass applications such as office doors and small glass partitions.

• 2 year warranty

Capacity:

 Max. door weight
 165 lbs. (75kg)

 Max. door height
 7' 10" (2400mm)

 Max. door width
 4' 1" (1250mm)

 Glass thickness
 ⁵/₁₆" (8mm) & ³/₈" (10mm)

Door Types:

Glass panels of $_{^{5\!/}16^{\prime\prime}}$ (8mm) or $_{^{3\!/}8^{\prime\prime}}$ (10mm) thickness in tempered or laminated glass.

Meets ADA push force requirements

8/HY/75 and 10/HY/75 HUSKY Glass Clamp Kit:

8/HY/75 is for 8mm or 5_{16} " thick glass 10/HY/75 kit is for 10mm or 3_{8} " thick glass

- 2 ea 284D Hangers
- 2 ea GLASS Clamps
- 2 ea **601H** End stops

1 ea 8-12/SN adjustable guide for 5/16" or 3/8" glass guide

Standard Track Sizes			
PART NUMBER MATERIAL STANDARD TRACK SIZES (Track Ordered Separately)			
280C72 Aluminum 72"			
280C96	Aluminum	96"	

Options:

Face mount bracket:	PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket. NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included.
Guides:	8-12/SN adjustable guide for 5/16" or 3%" glass guide
Accessories:	601H retaining stop mounted within the track



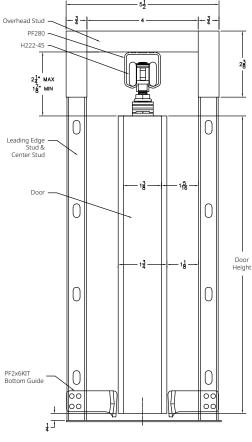
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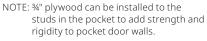
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POCKET FRAME KIT

For Sliding Panels up to 200 lbs.







Rough Frame Opening Dimensions: 2 x Door Width +1" and Door Height + 5"

Features:

- Heavy duty hardware supports doors up to 200 lbs. each
- \cdot Standard kit is for $1_{3/8}$ " door. For $1_{3/4}$ " door, MUST use PF134KIT (see Options below)
- For standard 3¹/₂" studs only. Not for use with 2x6 or SP6 kits
- Chrome plated steel hangers are corrosion resistant and no maintenance is required
- 5 year warranty
- Meets ADA push force requirements

Pocket Frame Kit Includes:

- 1 ea Header Track Assembly
- 4 ea **PFAS_** Aluminum Cased Wood Studs
- 2 ea **PFHB-1** and **PFHB-2** Pre-Mounted Header Brackets
- 2 ea H222R1 Hangers
- 2 ea **PFFC-8** Floor Cleats
- 1 ea **PFBS** Pocket Frame Bumper Stop
- 1 ea Bottom Guide

PFBG-8 Pocket Frame Bottom Guide for 1 3/8" thick doors mounting hardware

PF2x6KIT Pocket Frame Bottom Guide for 2x6 and SP6 kit

		Standard Ki	t Sizes	
2x4 Woo Metal S Constructe	tud	2x6 Wood Stud Constructed Walls	2x6 Metal Stud Constructed Walls	Net Door Size (The Kits can be trimmed in field)
PF28200A PF28200A PF28200A	7280	PF28200A6080-2x6 PF28200A7280-2x6 PF28200A9680-2x6	2'6" x 6'8" 3'0" x 6'8" 4'0" x 6'8"	
PF28200A PF28200A PF28200A	7284	PF28200A6084-2x6 PF28200A7284-2x6 PF28200A9684-2x6	PF28200A6084-SP6 PF28200A7284-SP6 PF28200A9684-SP6	2'6" x 7'0" 3'0" x 7'0" 4'0" x 7'0"
PF28200A PF28200A PF28200A	7296	PF28200A6096-2x6 PF28200A7296-2x6 PF28200A9696-2x6	PF28200A6096-SP6 PF28200A7296-SP6 PF28200A9696-SP6	2'6" x 8'0" 3'0" x 8'0" 4'0" x 8'0"
Options: PF134 KIT - Recommended for use with 1 ¾" thick doors in 2x4 constructed wall kits (3 ½" stud). Not for use with 2x6 or SP6 stud kits. PFAS84 - For doors over 3' wide an extra pair of 84" center studs with				
 floor cleat for 80" tall doors recomended PFAS88 - For doors over 3' wide an extra pair of 88" center studs with floor cleat for 84" tall doors recommended 				
PFAS100 - For doors over 3' wide an extra pair of 100" center studs with floor cleat for 96" tall doors recommended				
PFCDKIT		version Kit to achieve	•	
 PFKIT-4 - Replacement Hardware Kit for Pemko Pocket Frame Kit for 1 3/4" thick doors (Each contains 2-H222-45 Hangers, 1-PFBS Bumper Stop, 1- PFBG-4 Guide, 2 PFHS Header Shims, 2-PFFC-4 Floor Cleats) 				
PFKIT-8	thick	lacement Hardware Ki ‹ doors (Each contains ፡BS Bumper Stop, 1- P	2-H222-45 Hangers,	

Soft Close available. See pages 275-277 for more information.



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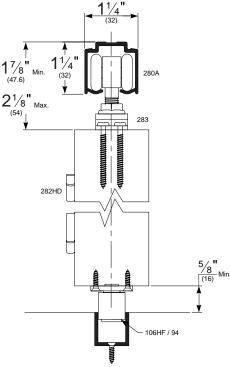
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FOLDING 100 SERIES

For Folding Doors up to 100 lbs. For Doors up to 24" Wide x 96" Tall

Manufactured by P.C. Henderson

280C Overhead Mounted



Features:

- For medium weight folding doors
- Two and four leaf kits are available
- 2 year warranty

Two Panel:

HF2/100A Kits Include:

- 1 ea 280C Clear Anodized Track
- 1 ea 283 Hanger
- 1 ea 289T Top Pivot
- 1 ea 289B Bottom Pivot
- 3 ea **282HD26** Hinges
- 1 ea **106HF/94** Roller Guide
- 1 ea 94A Aluminum Guide Channel
- 1 ea Adjusting Wrench and Mounting Hardware

Four Panel:

HF4/100A Kits Include:

- 1 ea **280C** Clear Anodized Track
- 2 ea **283** Hangers
- 2 ea **289T** Top Pivots
- 2 ea **289B** Bottom Pivots
- 6 ea **282HD26** Hinges
- 2 ea 106HF/94 Roller Guide
- 1 ea 94A Aluminum Guide Channel
- 1 ea Adjusting Wrench and Mounting Hardware

Standard Kit Sizes					
PART NUMBER MATERIAL # OF PANELS TRACK LEI					
HF2/100A/2	Aluminum	2	24"		
HF2/100A/2'6	Aluminum	2	30"		
HF2/100A/3	Aluminum	2	36"		
HF2/100A/4	Aluminum	2	48"		
HF4/100A/4	Aluminum	4	48"		
HF4/100A/5	Aluminum	4	60"		
HF4/100A/6	Aluminum	4	72"		
HF4/100A/8	Aluminum	4	96"		

Options:

Mounting Bracket	PC2815 available as 5 pack only, PC2815 pack of 5 281 zinc plated side wall bracket. NOTE: Need one at each end and no more than 2 feet in-between. Fasteners included.
Threshold	971A
Track	280D dark bronze anodized aluminum

Note: Allow 1/4" clearance at pivot jambs and 1/8" in between hinged doors if hinges are mortised. Allow 3/16" between hinged doors if hinges are surface mounted. Allow 1/8" between doors meeting in the center of the opening on HF4 kits and allow 1/8" between wall and end panel on HF2 kits.

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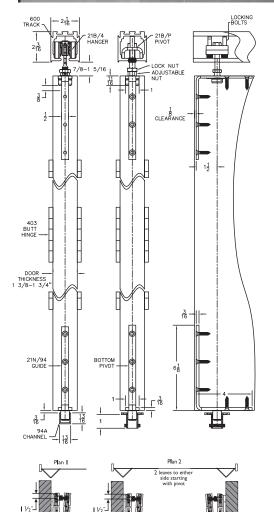


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PACER INTERIOR END **FOLD SERIES**

For Folding Doors and Room Dividers up to 165 lbs. For Doors up to 36" Wide x 106" Tall

Manufactured by P.C. Henderson



Features:

- · For top-hung, medium weight, interior, partition doors
- · Ideal in both residential and commercial applications requiring end folding doors
- 2 year warranty

Two Panel: plan 1

PIF2/165A Kits Include:

- 600A Mill Finished Aluminum Track 1 ea
- 1 ea **21B/P** Top and Bottom Pivot Assembly
- 21B/4 Nylon Body and Wheels, Zinc Coated Steel Pendant 1 ea Bolt and Door Bracket Hanger
- 21N/94 Nylon Roller Guide on Zinc Coated Steel Door 1 ea Bracket Bottom Guide
- 4 ea 403/2 Aluminum Alloy Butt Hinges
- 1 ea 94A Aluminum Guide Channel

Four Panel: plan 2

PIF4/165A Kits Include:

- 1 ea 600A Mill Finished Aluminum Track
- **21B/P** Top and Bottom Pivot Assembly 2 ea
- 2 ea 21B/4 Nylon Body and Wheels, Zinc coated steel Pendant Bolt and Door Bracket Hanger
- 21N/94 Nylon Roller Guide on Zinc Coated Steel Door 2 ea Bracket Bottom Guide
- 8 ea 403/2 Aluminum Alloy Butt Hinges
- 94A Aluminum Guide Channel 1 ea

Standard Kit Sizes				
PART NUMBER MATERIAL # OF PANELS TRACK LENGTH				
PIF2/165A/6	Aluminum	2	72"	
PIF4/165A/6	Aluminum	4	72"	
PIF4/165A/8	Aluminum	4	96"	
PIF4/165A/12	Aluminum	4	2 @ 72"	

Options:

Threshold Stainless Steel Flush Bolt **FB150SS** Stainless Steel Flush Pull 503SF

971A

NOTE: Allow $^{3}\!\prime_{8}"$ clearance at pivot jambs and $^{1}\!\prime_{8}"$ in between hinged doors if hinges are mortised. Allow 7/16" between hinged doors if hinges are surface mounted. Allow ^{1/8}" between doors meeting in the center of the opening on PIF4 kits and allow 1/8" between wall and end panel on PIF2 kits.



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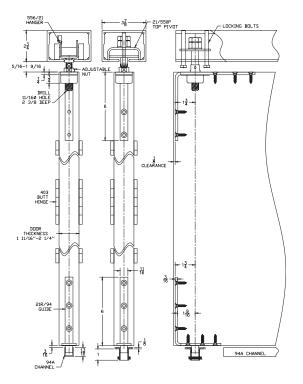
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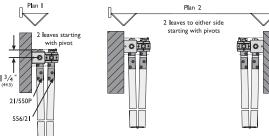
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21B/4

FLEXIROL INTERIOR END FOLD SERIES

For Folding Doors and Room Dividers up to 275 lbs. For Doors up to 48" Wide x 177" Tall Manufactured by P.C. Henderson





Features:

- · For top-hung, heavy weight, interior, partition doors.
- Specifically designed for commercial applications requiring end folding doors
- 2 year warranty.

Two Panel: plan 1

FIF2/275A Kits Include:

- 1 ea **550A** Mill Finished Aluminum Track
- 1 ea **21/550/P** Top and Bottom Pivot Assembly
- 1 ea **556/21** Zinc Coated Steel Wheels, Pendant Bolt, Body, and Door Bracket
- 1 ea **21R/94** Bottom Guide
- 4 ea **403/2** Aluminum Alloy Butt Hinges
- 1 ea **94A** Aluminum Guide Channel

Four Panel: plan 2

FIF4/275A Kits Include:

- 1 ea **550A** Mill Finished Aluminum Track
- 2 ea **21/550/P** Top and Bottom Pivot Assembly
- 2 ea **556/21** Zinc Coated Steel Wheels, Pendant Bolt, Body, and Door Bracket
- 2 ea 21R/94 Bottom Guide
- 8 ea 403/2 Aluminum Alloy Butt Hinges
- 1 ea **94A** Aluminum Guide Channel

Standard Kit Sizes			
Part Number	Material	# of Panels	Track Length
FIF2/275A/8	Aluminum	2	96"
FIF4/275A/8	Aluminum	4	96"
FIF4/275A/12	Aluminum	4	2 @ 72"
FIF4/275A/16	Aluminum	4	2 @ 96"

Options:

Threshold971AStainless Steel Flush Bolt FB150SSStainless Steel Flush Pull503SF

NOTE: Allow ${}^{3}/{}_{8}$ " clearance at pivot jambs and ${}^{1}/{}_{8}$ " in between hinged doors if hinges are mortised. Allow ${}^{7}/{}_{16}$ " between hinged doors if hinges are surface mounted. Allow ${}^{1}/{}_{8}$ " between doors meeting in the center of the opening on FIF4 kits and allow ${}^{1}/{}_{8}$ " between wall and end panel on FIF2 kits.



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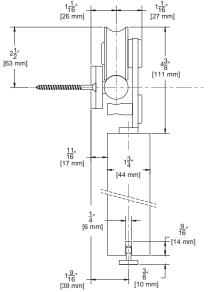
800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

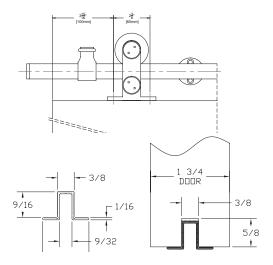
STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM

W60 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.







NOTE: Alternate route dimension when using optional EPD3BL

Configurations:

- Side Wall Mount (only)
- Bi-parting

Features:

Single

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation

Installations:

- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W60)
- Black Powder Coated Stainless Steel (W60D)
- Polished Stainless Steel (W60P)

W60 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea 62 Stainless Steel Hangers
- 1 ea **102SS-KIT** Stainless Steel Guide
- 2 ea **STOP2** Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, Polished finishes be sure to include a prefix "D" for Black Powder Coat, "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W60/6	304 Stainless Steel	783/4"	36"
W60/8	304 Stainless Steel	987/16"	48"
W60D/6	Black Powder Coated Stainless Steel	78 ³ /4"	36"
W60D/8	Black Powder Coated Stainless Steel	98 ^{7/} 16"	48"
W60P/6	304 Polished Stainless Steel	78 ³ /4"	36"
W60P/8	304 Polished Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) Mortise Guides Polypropylene Guide Rail 5/8" Spacer

W60_H/PACK 102N

EPD3BL For Use With 102N **BLD-SPACER-58** Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

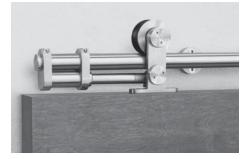


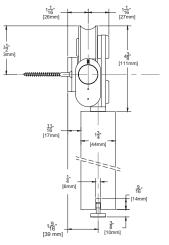
800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

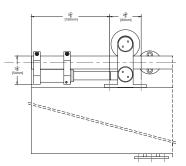
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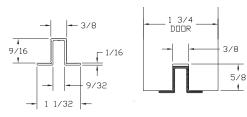
STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM WITH CUSHION STOP CS-W60 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.









NOTE: Alternate route dimension when using optional EPD3BL



Experience a safer and more open world

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Configurations:

Installations:

• Side Wall Mount (only)

• Single Features:

- Made of 304 stainless steel
- Prevents door racking and bounce back
- Extends life of upper hardware
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel
- Black Powder Coated Stainless Steel

CS-W60 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea 62 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 1 pr **CS-001SS** Stainless Steel Cushion Stops

NOTE: If ordering individual parts in the optional Black Powder Coated Stainless Steel or Polished finishes, be sure to include a suffix "D" for Black Powder Coated Stainless Steel or "P" for Polished Stainless

Standard Kit Sizes				
PART NUMBER	PART NUMBER MATERIAL TRACK LENGTH			
CS-W60/6	304 Stainless Steel	783/4"	36"	
CS-W60/8	304 Stainless Steel	987/16"	48"	
CS-W60D/6	304 Black Powder Coated Stainless Steel	783/4"	36"	
CS-W60D/8	304 Black Powder Coated Stainless Steel	98 ⁷ / ₁₆ "	48"	

Custom lengths are available. Please contact the factory to order.

Options: See page 278 Mortise Guides

102N

Polypropylene Guide Rail **EPD3BL For Use With 102SS-KIT**

CS-001SS (sold as pair) For use with existing openings that have W60 hardware installed

5/8" Spacer

Cushion Stops

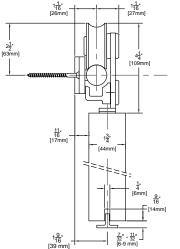
BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

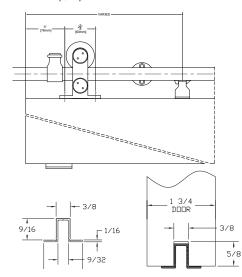
SOFT CLOSE STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM

SFT-W60 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.







NOTE: Alternate route dimension when using optional EPD3BL

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

Configurations:

Installations:

Side Wall Mount (only)

• Single Features:

- Made of 304 stainless steel
- Soft Close
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

• Brushed Stainless Steel

SFT-W60 Kits Include:

- 1 ea SC-BAR/_ Stainless Steel Track with Two Soft Close Devices
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea SC-62 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea STOP2 Stainless Steel Stops Mounting Hardware
- 2 ea SC-TRG Soft Close Activators

Standard Kit Sizes			
PART NUMBER MATERIAL TRACK LENGTH DOOR WIDTH			
SFT-W60/6 304 Stainless Steel 78 ³ / ₄ "		36"	
SFT-W60/8	304 Stainless Steel	987/16"	48"

Options:

Hardware Pack (One Door) Mortise Guides Polypropylene Guide Rail 5/8" Spacer

SC-W60H/PACK 102N

EPD3BL For Use With 102N and 102SS-KIT

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

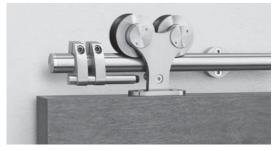


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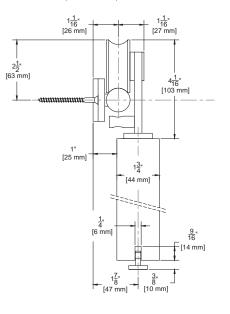
STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM W70 SERIES FOR

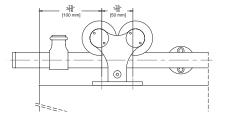
WOOD DOORS

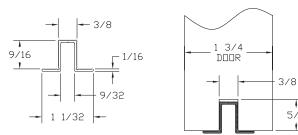
For Sliding Panels up to 240 lbs.



Shown with Optional Stop. Part number: STOP1







NOTE: Alternate route dimension when using optional EPD3BL



Configurations:

- Installations:
- Side Wall Mount (only)
- Bi-parting

Features:

Single

- · Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- · 240 lb. panel capacity
- 5 year warranty
- · Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W70)
- Black Powder Coated Stainless Steel (W70D)
- Polished Stainless Steel (W70P)

W70 Kits Include:

- 1 ea BAR/ Stainless Steel Track
 - BRACKET2 Stainless Steel Wall Brackets
- 2 ea WD72 Stainless Steel Hangers
- 102SS-KIT Stainless Steel Guide 1 ea
- STOP2 Stainless Steel Stops Mounting Hardware 2 ea

NOTE: If ordering individual parts in the optional Black Powder Coat, Polished finishes be sure to include a prefix "D" for Black Powder Coat, or "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W70/6	304 Stainless Steel	78³/4"	36"
W70/8	304 Stainless Steel	98 ⁷ / ₁₆ "	48"
W70D/6	W70D/6 Black Powder Coated Stainless Steel		36"
W70D/8	Black Powder Coated Stainless Steel	98 ^{7/} 16"	48"
W70P/6	70P/6 304 Polished Stainless Steel		36"
W70P/8	304 Polished Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

4 5/8

1

Hardware Pack (One Door) Alternate Stop Mortise Guides Polypropylene Guide Rail 5/8" Spacer

W70_H/PACK STOP1 102N EPD3BL For Use With 102N

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

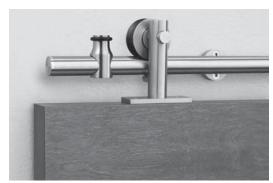
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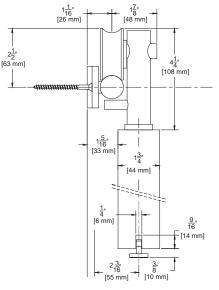
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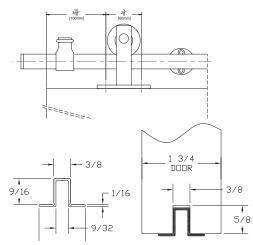
240

STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM W80 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.







NOTE: Alternate route dimension when using optional EPD3BL

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

Configurations:

- Installations:
- Side Wall Mount (only)
- Bi-parting

Features:

• Single

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W80)
- Black Powder Coated Stainless Steel (W80D)
- Polished Stainless Steel (W80P)

W80 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
 - BRACKET2 Stainless Steel Wall Brackets
- 2 ea WD82 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea **STOP2** Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, Polished finishes be sure to include a prefix "D" for Black Powder Coat, or "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W80/6	304 Stainless Steel	78³/4"	36"
W80/8	304 Stainless Steel	987/16"	48"
W80D/6	N80D/6 Black Powder Coated Stainless Steel		36"
W80D/8	Black Powder Coated Stainless Steel	98 ⁷ / ₁₆ "	48"
W80P/6	P/6 304 Polished Stainless Steel		36"
W80P/8	304 Polished Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) Mortise Guides Polypropylene Guide Rail 5/8" Spacer

W80_H/PACK 102N

EPD3BL For Use With 102N

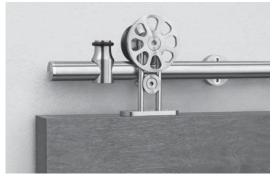
BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

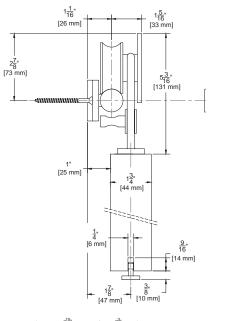


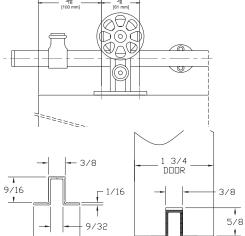
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STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM W90 SERIES FOR WOOD DOORS

For Sliding Panels up to 176 lbs.







NOTE: Alternate route dimension when using optional EPD3BL



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Configurations:

Installations:

Side Wall Mount (only)

• Single • Bi-parting

Features:

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W90)
- Black Powder Coated Stainless Steel (W90D)

W90 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea WD92 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea STOP2 Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, be sure to include a prefix "D" for Black Powder Coat

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W90/6	304 Stainless Steel	783/4"	36"
W90/8	N90/8 304 Stainless Steel		48"
W90D/6 Black Powder Coated Stainless Steel		78 ³ /4"	36"
W90D/8 Black Powder Coated Stainless Steel		98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) Mortise Guides Polypropylene Guide Rail 5/8" Spacer

W90_H/PACK 102N

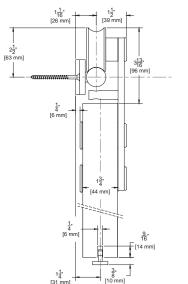
EPD3BL For Use With 102N

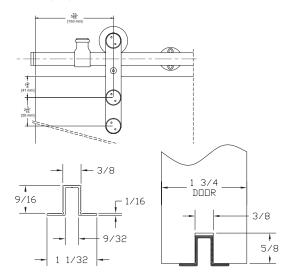
BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM W100 SERIES FOR WOOD DOORS

For Sliding Panels up to 198 lbs.







NOTE: Alternate route dimension when using optional EPD3BL

800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

Configurations:

- Side Wall Mount (only)
- Bi-parting

Features:

• Single

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation

Installations:

- 198 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (W100)
- Black Powder Coated Stainless Steel (W100D)
- Polished Stainless Steel (W100P)

W100 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea WD111 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea **STOP2** Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, Polished finishes be sure to include a prefix "D" for Black Powder Coat, or "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
W100/6	304 Stainless Steel	783/4"	36"
W100/8	304 Stainless Steel	987/16"	48"
W100D/6 Black Powder Coated Stainless Steel		783/4"	36"
W100D/8	00D/8 Black Powder Coated Stainless Steel		48"
W100P/6	/100P/6 304 Polished Stainless Steel		36"
W100P/8	304 Polished Stainless Steel	98 ⁷ / ₁₆ "	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) Mortise Guides Polypropylene Guide Rail 5/8" Spacer

W100_H/PACK 102N

EPD3BL For Use With 102N

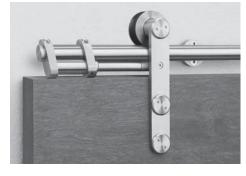
BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

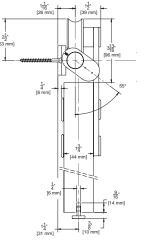


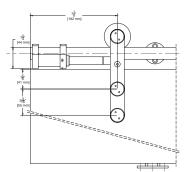
Experience a safer and more open world

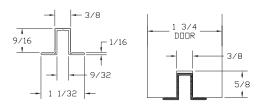
STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM WITH CUSHION STOP **CS-W100 SERIES FOR** WOOD DOORS

For Sliding Panels up to 198 lbs.









NOTE: Alternate route dimension when using optional EPD3BL



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Configurations:

• Single

Features:

- Made of 304 stainless steel
- Prevents door racking and bounce back
- Extends life of upper hardware
- · Nylon coated stainless steel wheel for smooth operation

Installations:

Side Wall Mount (only)

- 198 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel
- Black Powder Coated Stainless Steel

CS-W100 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea WD111 Stainless Steel Hangers
- 102SS-KIT Stainless Steel Guide 1 ea
- CS-003SS Stainless Steel Cushion Stops 1 pr

NOTE: If ordering individual parts in the optional Dark Bronze or Polished finishes, be sure to include a suffix "D" for Dark Bronze or "P" for Polished Stainless

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
CS- W100/6	304 Stainless Steel	78 ³ /4"	36"
CS- W100/8	304 Stainless Steel	98 ⁷ / ₁₆ "	48"
CS- W100D/6 Black Powder Coated Stainless Steel		78 ³ /4"	36"
CS- W100D/8	Black Powder Coated Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Mortise Guides	102N
	EPD3BL For Use With 102SS-KIT
Cushion Stops	CS-003SS (sold as pair) For use with existing openings that have W100 hardware installed
5/8" Spacer	BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board

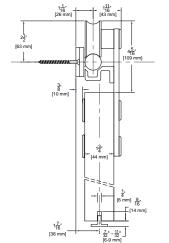
When Mounting Track Directly to Gypsum Board

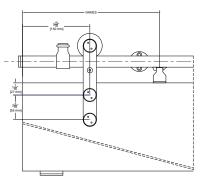
244

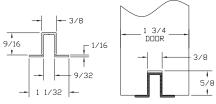
SOFT CLOSE STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM SFT-W100 SERIES FOR WOOD DOORS

For Sliding Panels up to 198 lbs.









NOTE: Alternate route dimension when using optional EPD3BL

Configurations:

- Single
 - Side Wall Mount (only)

Features:

- Made of 304 stainless steel
- Soft Close
- Nylon coated stainless steel wheel for smooth operation

Installations:

- 198 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

• Brushed Stainless Steel

SFT-W100 Kits Include:

- 1 ea SC-BAR/_ Stainless Steel Track with Two Soft Close Devices
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea SC-111 Stainless Steel Hangers
- 1 ea 102SS-KIT Stainless Steel Guide
- 2 ea STOP2 Stainless Steel Stops Mounting Hardware
- 2 ea SC-TRG Soft Close Activators

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
SFT-W100/6	304 Stainless Steel	783/4"	36"
SFT-W100/8 304 Stainless Steel 987/16" 48"		48"	

Options:

Hardware Pack (One Door)	SC-W100H/PACK
Mortise Guides	102N
Polypropylene Guide Rail 102SS-KIT	EPD3BL For Use With 102N and
5/8" Spacer	BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board



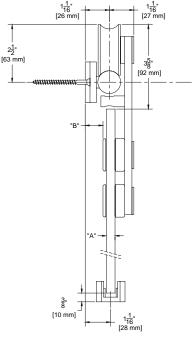
800-824-3018 | www.pemko.com Check the web site for the up-to-date catalog

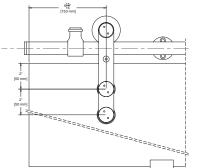
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STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM G60 SERIES FOR **GLASS DOORS**

For Sliding Panels up to 198 lbs.







Glass Thickness "A"	Distance from Wall "B"
3/8"	3/4"
1/2"	5/8"



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Configurations:

Installations: Side Wall Mount (only)

 Single • Bi-parting

Features:

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 198 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

- Brushed Stainless Steel (G60)
- Black Powder Coated Stainless Steel (G60D)

G60 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea 12 Stainless Steel Hangers
- 1 ea **GLASSGUIDE** Stainless Steel Guide
- 2 ea STOP2 Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Black Powder Coat, be sure to include a suffix "D" for Black Powder Coat

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
G60/6	304 Stainless Steel	783/4"	36"
G60/8	304 Stainless Steel	987/16"	48"
G60D/6 Black Powder Coated 78 ³ / ₄ " 36"		36"	
G60D/8	Black Powder Coated Stainless Steel	98 ^{7/} 16"	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door) **G60_H/PACK**

5/8" Spacer

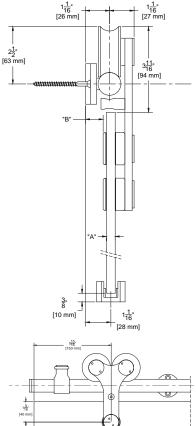
BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

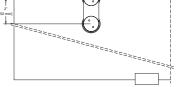
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STAINLESS STEEL SLIDING TRACK HARDWARE SYSTEM G70 SERIES FOR GLASS DOORS

For Sliding Panels up to 240 lbs.







Glass Thickness "A"	Distance from Wall "B"
3/8"	3/4"
1/2"	5/8"

Configurations:

Installations: • Side Wall Mount (only)

SingleBi-parting

Features:

- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 240 lb. panel capacity
- 5 year warranty
- Meets ADA push force requirements

Finishes:

• Brushed Stainless Steel (G70)

G70 Kits Include:

- 1 ea BAR/_ Stainless Steel Track
- BRACKET2 Stainless Steel Wall Brackets
- 2 ea 32 Stainless Steel Hangers
- 1 ea GLASSGUIDE Stainless Steel Guide
- 2 ea STOP2 Stainless Steel Stops Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
G70/6	304 Stainless Steel	783/4"	36"
G70/8	304 Stainless Steel	98 ⁷ / ₁₆ "	48"

Custom lengths are available. Please contact the factory to order.

Options:

Hardware Pack (One Door)G70H/PACKAlternate StopSTOP1

5/8" Spacer

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board



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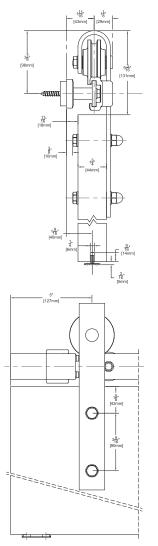
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BUILDERS SERIES FLAT TRACK SLIDING DOOR HARDWARE SYSTEM

BLD-FT-01 FOR WOOD DOORS

For Sliding Panels up to 240 lbs.







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Configurations:

- Single
- Bi-parting

Features:

- · Solid nylon wheel for smooth operation
- 240 lb. panel capacity
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

Finishes:

• Black Suede Powder Coated Steel (BLD-FT-01BSP)

Installations:

Side Wall Mount (only)

Industrial Steel Zinc Coated Steel (BLD-FT-01IS)

BLD-FT-01 Kits Include:

- 1 ea BLD-FT / Steel Flat Track
- BLD-99_ Steel Track Brackets 5 ea
- 5 ea BLD-88_ Steel Track Fasteners
- BLD-01-_ Steel Strap Mount Hangers 2 ea
- 2 ea BLD-77 Anti-Rise Discs
- 1 ea 102N Mortised Type Nylon Guide
- 2 ea BLD-11-_ Steel Track Stops Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
BLD-FT-01IS/6	Industrial Steel	72"	36"
BLD-FT-01IS/8	Industrial Steel	96"	48"
BLD-FT-01BSP/6	Black Suede Powder Coated Steel	72"	36"
BLD-FT-01BSP/8	Black Suede Powder Coated Steel	96"	48"

Custom lengths are available. Please contact the factory to order. Industrial Steel maximum track length is 8'. Lengths over 8' will be spliced by factory.

Options:

Thru-bolts for 1 3/8" thick doors 4 per door Hardware Pack (One Door) Side Wall Mortised Type Guide 102WN-KIT Polypropylene Guide Rail 5/8" Spacer

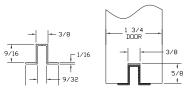
BLD-97-

BLD-FT01-_/PACK

EPD3BL For Use With 102N

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

Soft Close available. See pages 269-271 for more information.



NOTE: Alternate route dimension when using optional EPD3BL

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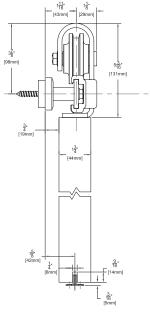
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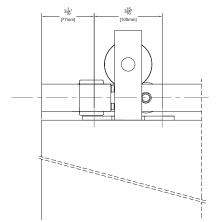
BUILDERS SERIES FLAT TRACK SLIDING DOOR HARDWARE SYSTEM

BLD-FT-02 FOR WOOD DOORS

For Sliding Panels up to 240 lbs.







Configurations:

- Side Wall Mount (only)
- Bi-parting

Features:

• Single

- · Solid nylon wheel for smooth operation
- 240 lb. panel capacity
- Optional Soft Close
- 5 year warranty
- Meets ADA push force requirements

Finishes:

Black Suede Powder Coated Steel (BLD-FT-02BSP)

Installations:

Industrial Steel Zinc Coated Steel (BLD-FT-02IS)

BLD-FT-02 Kits Include:

- **BLD-FT_/_** Steel Flat Track 1 ea
- **BLD-99** Steel Track Brackets 5 ea
- 5 ea BLD-88_ Steel Track Fasteners
- BLD-02-_ Steel Top Mount Hangers 2 ea
- BLD-77 Anti-Rise Discs 2 ea
- **102N** Mortised Type Nylon Guide 1 ea
- 2 ea BLD-11-_ Steel Track Stops Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
BLD-FT-02IS/6	Industrial Steel	72"	36"
BLD-FT-02IS/8	Industrial Steel	96"	48"
BLD-FT-02BSP/6	Black Suede Powder Coated Steel	72"	36"
BLD-FT-02BSP/8	Black Suede Powder Coated Steel	96"	48"

Custom lengths are available. Please contact the factory to order. Industrial Steel maximum track length is 8'. Lengths over 8' will be spliced by factory.

Options: See page 278

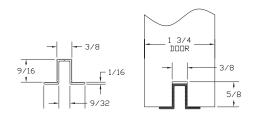
Hardware Pack (One Door) Side Wall Mortised Type Guide 102WN-KIT Polypropylene Guide Rail 5/8" Spacer

BLD-FT02-_/PACK

EPD3BL For Use With 102N BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8"

Gypsum Board When Mounting Track Directly to Gypsum Board

Soft Close available. See pages 269-271 for more information.



NOTE: Alternate route dimension when using optional EPD3BL



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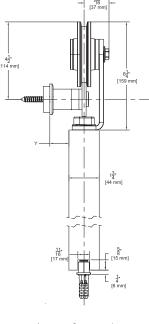
DESIGNER SERIES FLAT TRACK SLIDING DOOR HARDWARE SYSTEM

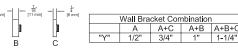
DSG-FT-05 FOR WOOD DOORS

For Sliding Panels up to 500 lbs.



Shown in Industrial Steel finish





Configurations:

Installations:

- Side Wall Mount (only)
- Bi-parting

Features:

• Single

- Solid steel wheel with a polymer resin contact surface for smooth operation
- 500 lb. panel capacity
- 5 year warranty

Finishes:

- Black Suede Powder Coated Steel (DSG-FT-05BSP)
- Industrial Steel Zinc Coated Steel (DSG-FT-05IS)
- Stainless Steel (DSG-FT-05SS)

DSG-FT-05 Kits include:

- 1 ea **DSG-FT_**/_ Steel Flat Track
- 7 to 9 ea **DSG-100**_ Steel Track Brackets
- 7 to 9 ea DSG-89_ Steel Track Fasteners
- 2 ea **DSG-05-**_ Steel Top Mount Hangers
- 2 ea **DSG-78** Anti-Rise Blocks
- 1 ea **DSG-106** Mortised Type Roller Guide
- 2 ea **DSG-12-**_ Steel Track Stops Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
DSG-FT-05IS/6	Industrial Steel	72"	36"
DSG-FT-05IS/8	Industrial Steel	96"	48"
DSG-FT-05BSP/6	Black Suede Powder Coated Steel	72"	36"
DSG-FT-05BSP/8	Black Suede Powder Coated Steel	96"	48"
DSG-FT-05SS/6	Stainless Steel	72"	36"
DSG-FT-05SS/8	Stainless Steel	96"	48"

Custom lengths are available. Please contact the factory to order. Industrial Steel maximum track length is 8'. Lengths over 8' will be spliced by factory.

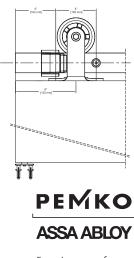
Options:

Hardware Pack (One Door) Side Wall Mortised Type Guide 5/8" Spacer

DSG-FT05-__/PACK 102WN-KIT

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

Soft Close available. See pages 269-271 for more information.



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DESIGNER SERIES FLAT TRACK SLIDING DOOR HARDWARE SYSTEM

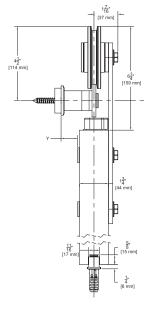
DSG-FT-06 FOR WOOD DOORS

For Sliding Panels up to 500 lbs.

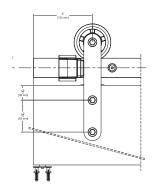
Only for doors 1 ½" to 2 ¼" thick.



Shown in Stainless Steel with a solid wheel. DGS-FT-06 in all other finishes have spoked wheels.







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Configurations:

• Single • Bi-parting

Features:

Solid steel wheel with a polymer resin contact surface for smooth operation

Installations:

Side Wall Mount (only)

- 500 lb. panel capacity
- 5 year warranty

Finishes:

- Black Black Suede Powder Coated Steel (DSG-FT-06BSP)
- Industrial Steel Zinc Coated Steel (DSG-FT-06IS)
- Stainless Steel (DSG-FT-06SS)

DSG-FT-06 Kits include:

- 1 ea **DSG-FT_**/_ Steel Flat Track
- 7 to 9 ea **DSG-100**_ Steel Track Brackets
- 7 to 9 ea **DSG-89**_ Steel Track Fasteners 2 ea **DSG-06-**_ Steel Top Mount Hangers
- 2 ea DSG-06-_ Steel Top Mount F
- 2 ea **DSG-78** Anti-Rise Blocks 1 ea **DSG-106** Mortised Type Roller Guide
- 2 ea **DSG-100** Moltised Type Roller Guide 2 ea **DSG-12-** Steel Track Stops Mounting Hardware

Standard Kit Sizes			
PART NUMBER	MATERIAL	TRACK LENGTH	DOOR WIDTH
DSG-FT-06IS/6	Industrial Steel	72"	36"
DSG-FT-06IS/8	Industrial Steel	96"	48"
DSG-FT-06BSP/6	Black Suede Powder Coated Steel	72"	36"
DSG-FT-06BSP/8	Black Suede Powder Coated Steel	96"	48"
DSG-FT-06SS/6	Stainless Steel	72"	36"
DSG-FT-06SS/8	Stainless Steel	96"	48"

Custom lengths are available. Please contact the factory to order. Industrial Steel maximum track length is 8'. Lengths over 8' will be spliced by factory.

Options:

Hardware Pack (One Door) Side Wall Mortised Type Guide 5/8" Spacer

DSG-FT06-__/PACK 102WN-KIT

BLD-SPACER-58 Pack of 5 5/8" Spacer Recommended for use with 5/8" Gypsum Board When Mounting Track Directly to Gypsum Board

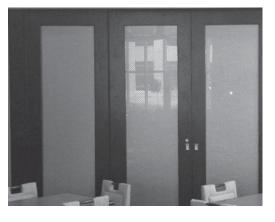
Soft Close available. See pages 269-271 for more information.

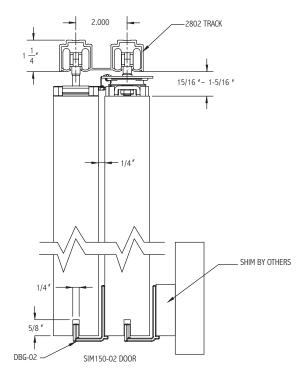


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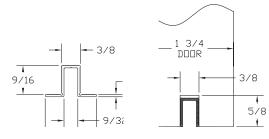
SIMULTANEOUS ACTING SLIDING DOOR SYSTEM SIM 150 FOR 2 DOOR SYSTEMS

For Sliding Panels up to 176 lbs.





Alternate Route for EPD3BL





Configurations:

• Bi-part Telescoping

Installations:

Overhead Mount

Features:

- itures.
- Easy to install with self aligning components
 Telescoping panels glide along the track
- Doors retract into storage pockets when not in use
- 5 year warranty

Finishes:

- Clear (C)
- Dark Bronze (D)

Pulley System Kit Includes:

Pre-Assembled Pulley System In-Track Stops and Hangers Door Bottom Guides Floor Stops, Back Stop and End Plates Installation Fasteners

Single Extrusion Aluminum Track must be ordered separately.

Specify door width when ordering. Default door overlap is 3". Any other overlap must be specified (Min. overlap is 2"). Note: All doors must be of equal width.

Pulley System Kits			
PART NUMBER	DOOR WIDTH		
SIM150-2-LH/25-32	25" - 32"		
SIM150-2-LH/33-40	33" - 40"		
SIM150-2-LH/41-48	41" - 48"		
SIM150-2-RH/25-32	25" - 32"		
SIM150-2-RH/33-40	33" - 40"		
SIM150-2-RH/41-48	41" - 48"		

System Track Ordered Separately			
TRACK	FINISH	TRACK LENGTH	
2802C	Clear	up to 147"	
2802D	Dark	up to 185"	

Options:

Lock Kit- includes lock with edge pull, and cup pull, **SIM150-LOCKKIT**

Bolt Kit- includes surface bolt, dust-proof strike, cup pull, and edge pull, **SIM150-BOLTKIT**

Snap-on Fascia Available F134

Polypropylene Guide Rail **EPD3BL**

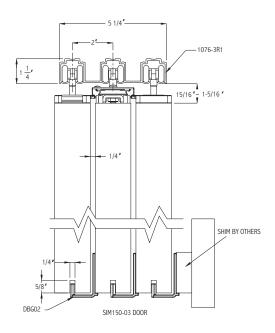
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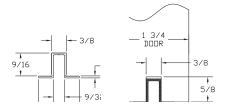
SIMULTANEOUS ACTING SLIDING DOOR SYSTEM SIM 150 FOR 3 DOOR SYSTEMS

For Sliding Panels up to 176 lbs.





Alternate Route for EPD3BL



Configurations:

- Installations:• Overhead Mount
- Bi-part Telescoping

Features:

- \cdot Easy to install with self aligning components
- $\boldsymbol{\cdot}$ Telescoping panels glide along the track
- Doors retract into storage pockets when not in use
 5 year warranty
- Finishes:
- Clear (C)
- Dark Bronze (D)

Pulley System Kit Includes:

Pre-Assembled Pulley System In-Track Stops and Hangers Door Bottom Guides Floor Stops, Back Stop and End Plates Installation Fasteners

Single Extrusion Aluminum Track must be ordered separately.

Specify door width when ordering. Default door overlap is 3". Any other overlap must be specified (Min. overlap is 2"). Note: All doors must be of equal width.

Pulley System Kits		
PART NUMBER	DOOR WIDTH	
SIM150-3-LH/25-32	25" - 32"	
SIM150-3-LH/33-40	33" - 40"	
SIM150-3-LH/41-48	41" - 48"	
SIM150-3-RH/25-32	25" - 32"	
SIM150-3-RH/33-40	33" - 40"	
SIM150-3-RH/41-48	41" - 48"	

System Track Ordered Separately		
TRACK FINISH TRACK LENGTH		TRACK LENGTH
2803C and 280C	Clear	up to 144"
2803D and 280D	Dark	up to 144"

Options:

Lock Kit- includes lock with edge pull, and cup pull, **SIM150-LOCKKIT**

Bolt Kit- includes surface bolt, dust-proof strike, cup pull, and edge pull, **SIM150-BOLTKIT**

Snap-on Fascia Available **F134**

Polypropylene Guide Rail **EPD3BL**



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CASCADING SLIDING DOOR SYSTEM

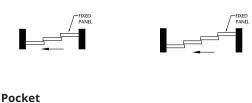
For Sliding Panels up to 200 lbs. each.



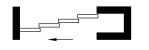
Note: All doors must be of equal width. Minimum overlap between doors is 2".

Cased Opening

NOTE: Aluminum "T" Guide **102PB** Shown Under Options Must be Ordered Separately for Fixed Panel in Cased Opening Application







Side Wall Mount

NOTE: Side Wall track Brackets Shown Under Options Must be Ordered Separately for Side Wall Mount Openings



Configurations:

• Bi-part Telescoping

• Single Direction Telescoping

Features:

- Opening and closing of lead door results in the trailing doors to follow because of interlocking hardware at door top edges
- Easy to install with self aligning components on 1 3/4" and 1 3/8" thick doors
- Telescoping panels glide along the track
- Solid steel catches with rubber bumpers ensure durable yet quiet operation
- · 200 lb. per door weight capacity
- 5 year warranty

Cascading Kit Includes:

CAS-05 Catches - Mechanical Catch system - 2 Per Door
601H - Track Stops - 2 Per Door
H222R1 - Hangers - 2 Per Door
DBG-02R1 - Door Bottom Guides - 1 Per Door
TELS-23 - End Plates - 2 Per Door
2802C - Single Extrusion - Dual Track
280C - Single Extrusion - Single Track
C1076-TC - Track Connector for CAS200A-4/_ Kits
EPD3-BL - Polypropylene Guide Rails - 1 Per Door
WRENCH14 - 1 Hanger Wrench Hardware Fasteners

Cascading System Kits			
PART NUMBER	TRACK LENGTH	# OF DOORS	INSTALLATION
CAS200A-2/6	6'	2	
CAS200A-2/8	8'	2	Pocket
CAS200A-2/10	10'	2	Side Wall
CAS200A-2/12	12'	2	
CAS200A-3/8	8'	3	
CAS200A-3/10	10'	3	Pocket
CAS200A-3/12	12'	3	Cased Opening Side Wall
CAS200A-3/16	16'	3	
CAS200A-4/8 8' 4			
CAS200A-4/10	10'	4	Pocket
CAS200A-4/12	12'	4	Cased Opening
CAS200A-4/16	16'	4	

For special number of doors and for dark bronze track, please contact Technical Support for more information

Options:

Lock Kit	SIM150-LOCKKIT includes lock with edge pull and cup pull
Bolt Kit	SIM150-BOLTKIT includes surface bolt, dust-proof strike, cup pull, and edge pull
Fascia	F134C Snap-on Fascia
Splice Kit	C1076-2SPLKIT for use with Bi-Parting systems and 2802C Track C1076-3SPLKIT for use with Bi-Parting systems and 2803C Track
Back Stop	TELS-25 for use with pocket systems when no access to in track stops in pocket
Aluminium "T" Guide	102PB for use with fixed panel in cased opening applications
Side Wall Track Bracket	2812KIT for use with 2802C Track (1 for every 12" of track) 2813KIT for use with 2803C Track (1 for every 12" of track)
Side Wall Joining Bracket	2813-5KIT for use with Side Wall Bi-Parting systems and 2803C Track

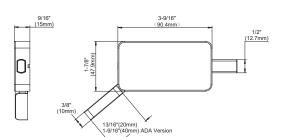


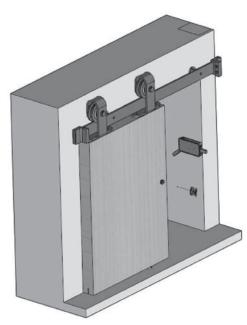
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PRIVACY BARN DOOR LOCK

PEMKO SDL SERIES FOR SURFACE MOUNTED SLIDING DOORS







NOTE: For doors with 3/8" - 3/4" clearance between the wall or frame & door face

Configurations:

• Single

Installations:

- Side Wall Mount (only)
- · For Side Wall Mounted Sliding Door Openings only
- New Construction
- Retro
- ADA

Features:

- · Quick and easy installation
- · Handing is reversible in the field
- ADA option available
- Privacy Function
- Includes Emergency Release Key
- Doors can be prepped in the field
- 5 year warranty

Finishes:

- Brushed Stainless Steel
- Polished Stainless Steel
- Black Graphite
- · Contact factory if custom finish is required for more information

Standard Kit Sizes		
PART NUMBER	MATERIAL	ADA COMPLIANT
SDL32D	Brushed Stainless	
SDL32	Polished Stainless	
SDL19	Black Graphite	
SDL32D-ADA	Brushed Stainless	•
SDL32-ADA	Polished Stainless	•
SDL19-ADA	Black Graphite	•

Compatible with the following Pemko sliding door kits: W60 Series

W70 Series (with 3/8" to 3/4" clearance) W80 Series (with 3/8" to 3/4" clearance) W90 Series (with 3/8" to 3/4" clearance) W100 Series Side Wall Box Track Series (SWT) BLD Flat Track Series

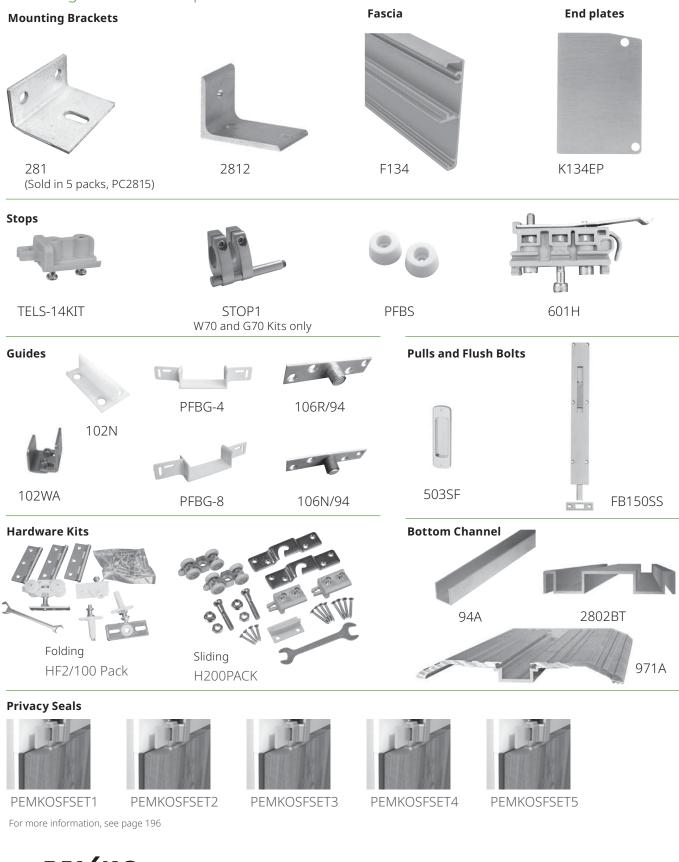
DSG Flat Track Series (with 3/8" to 3/4" clearance)



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OPTIONS & ACCESSORIES

A visual guide to various parts





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SOFT CLOSE FOR PEMKO BOX TRACK SYSTEMS

For Pemko H200, H180, SHS80, HBP200, and Side Wall Track (SWT) systems

Minimum Door Width 28" When Using Dual or Single Devices.

For door	s weighing 88-132 lbs.	For doors	weighing 133-176 lbs.
ITEM #	DESCRIPTION	ITEM #	DESCRIPTION
H180_/6-1411-1	H180_6' Single Device	H180_/6-1413-1	H180_ 6' Single Device
H180_/8-1411-1	H180_8' Single Device	H180_/8-1413-1	H180_8' Single Device
H180_/10-1411-1	H180_10' Single Device	H180_/10-1413-1	H180_10' Single Device
H180_/12-1411-1	H180_12' Single Device	H180_/12-1413-1	H180_12' Single Device
H180_/6-1411-2	H180_6' Dual Devices	H180_/6-1413-2	H180_6' Dual Devices
H180 /8-1411-2	H180_8' Dual Devices	H180 /8-1413-2	H180_ 8' Dual Devices
H180_/10-1411-2	H180_10' Dual Devices	H180 /10-1413-2	H180_10' Dual Devices
H180/12-1411-2	H180_12' Dual Devices	H180_/12-1413-2	H180_12' Dual Devices
SHS80 /6-1411-1	SHS80_6' Single Device	SHS80 /6-1413-1	SHS80_6' Single Device
SHS80_/8-1411-1	SHS80_ 8' Single Device	SHS80_/8-1413-1	SHS80_ 8' Single Device
SHS80 /6-1411-2	SHS80_6' Dual Devices	SHS80 /6-1413-2	SHS80_6' Dual Devices
SHS80_/8-1411-2	SHS80_8' Dual Devices	SHS80_/8-1413-2	SHS80_ 8' Dual Devices
H200_/6-1411-1	H200_6' Single Device	H200_/6-1413-1	H200_6' Single Device
H200 /8-1411-1	H200_ 8' Single Device	H200 /8-1413-1	H200_8' Single Device
H200_/10-1411-1	H200 10' Single Device	H200_/10-1413-1	H200 10' Single Device
H200 /12-1411-1	H200_12' Single Device	H200 /12-1413-1	H200_12' Single Device
H200 /6-1411-2	H200_6' Dual Devices	H200 /6-1413-2	H200_6' Dual Devices
H200_/8-1411-2	H200_8' Dual Devices	H200_/8-1413-2	H200_8' Dual Devices
H200 /10-1411-2	H200_10' Dual Devices	H200 /10-1413-2	H200_10' Dual Devices
H200_/12-1411-2	H200_12' Dual Devices	H200_/12-1413-2	H200_12' Dual Devices
280 -SWTKIT/6-1411-1	280SWTKIT 6' Single Device	280SWTKIT/6-1413-1	280SWTKIT 6' Single Device
280 -SWTKIT/8-1411-1	280SWTKIT 8' Single Device	280_SWTKIT/8-1413-1	280_SWTKIT 8' Single Device
280 -SWTKIT/12-1411-1	280SWTKIT 12' One Device Per Door	280SWTKIT/12-1413-1	280SWTKIT 12' One Device per Door
280SWTKIT/6-1411-2	280SWTKIT 6' Dual Devices	280SWTKIT/6-1413-2	280SWTKIT 6' Dual Devices
280SWTKIT/8-1411-2	280SWTKIT 8' Dual Devices		280SWTKIT 8' Dual Devices
280SWTKIT/12-1411-2	280SWTKIT 12' Two Devices Per Door	280SWTKIT/12-1413-2	280SWTKIT 12' Two Devices per Door
RF280SWTK/6-1411-1	RF280SWTK 6' Single Device	RF280SWTK/6-1413-1	RF280SWTK 6' Single Device
RF280 -SWTK/8-1411-1	RF280_SWTK 8' Single Device	RF280 -SWTK/8-1413-1	RF280_SWTK 8' Single Device
RF280SWTK/12-1411-1	RF280SWTK 12' One Device Per Door	RF280SWTK/12-1413-1	RF280SWTK 12' One Device per Door
RF280SWTK/6-1411-2	RF280SWTK 6' Dual Devices	RF280SWTK/6-1413-2	RF280SWTK 6' Dual Devices
RF280SWTK/8-1411-2	RF280SWTK 8' Dual Devices	RF280SWTK/8-1413-2	RF280 -SWTK 8' Dual Devices
RF280SWTK/12-1411-2	RF280SWTK 12' Two Devices Per Door		RF280SWTK 12' Two Devices per Door
SE280 SW/TK/6 1411 1	SE280 SWTK 6' Single Device	SE280 SWITH 6 1412 1	SF280SWTK 6' Single Device
SF280SWTK/6-1411-1	SF280SWTK 6' Single Device	SF280SWTK/6-1413-1	
SF280SWTK/8-1411-1	SF280 -SWTK 8' Single Device	SF280SWTK/8-1413-1	SF280SWTK 8' Single Device
SF280SWTK/12-1411-1	SF280SWTK 12' One Device Per Door	SF280SWTK/12-1413-1	SF280SWTK 12' One Device per Door
SF280SWTK/6-1411-2	SF280SWTK 6' Dual Devices	SF280SWTK/6-1413-2	SF280SWTK 6' Dual Devices
SF280SWTK/8-1411-2	SF280SWTK 8' Dual Devices	SF280SWTK/8-1413-2	SF280SWTK 8' Dual Devices
SF280SWTK/12-1411-2	SF280SWTK 12' Two Devices Per Door		SF280SWTK 12' Two Devices per Door
HBP200_/6-1411-1	HBP200_6' One Device Per Door	HBP200_/6-1413-1	HBP200_ 6' One Device Per Door
HBP200_/8-1411-1	HBP200_8' One Device Per Door	HBP200_/8-1413-1	HBP200_ 8' One Device Per Door
	HBP200_10' One Device Per Door		HBP200_ 10' One Device Per Door
HBP200_/12-1411-1	HBP200_12' One Device Per Door	HBP200 /12-1413-1	HBP200 12' One Device Per Door
HBP200 /6-1411-2	HBP200 6' Two Devices Per Door	HBP200 /6-1413-2	HBP200 6' Two Devices Per Door
HBP200 /8-1411-2	HBP200 8' Two Devices Per Door	HBP200 /8-1413-2	HBP200 8' Two Devices Per Door
HBP200 /10-1411-2	HBP200_10' Two Devices Per Door	HBP200 /10-1413-2	HBP200_10' Two Devices Per Door



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SOFT CLOSE FOR PEMKO BOX TRACK SYSTEMS (Continued)

For Pemko H200, H180, SHS80, HBP200, and Side Wall Track (SWT) systems

Minimum Door Width 28" When Using Dual or Single Devices.

For door	s weighing 177-200 lbs.
ITEM #	DESCRIPTION
H180_/6-1418-1	H180_6' Single Device
H180 /8-1418-1	H180_8' Single Device
H180 /10-1418-1	H180_10' Single Device
H180 /12-1418-1	H180_10' Single Device
H180_/6-1418-2	H180_6' Dual Devices
H180 /8-1418-2	H180_8' Dual Devices
H180 /10-1418-2	H180 10' Dual Devices
H180 /12-1418-2	H180_12' Dual Devices
11100_/12-1410-2	
SHS80_/6-1418-1	SHS80_6' Single Device
SHS80 /8-1418-1	SHS80_8' Single Device
SHS80 /6-1418-2	SHS80_6' Dual Devices
SHS80_/8-1418-2	SHS80_8' Dual Devices
H200_/6-1418-1	H200_ 6' Single Device
H200_/8-1418-1	H200_ 8' Single Device
H200_/10-1418-1	H200_10' Single Device
H200_/12-1418-1	H200_12' Single Device
H200_/6-1418-2	H200_ 6' Dual Devices
H200_/8-1418-2	H200_ 8' Dual Devices
H200_/10-1418-2	H200_10' Dual Devices
H200_/12-1418-2	H200_12' Dual Devices
280SWTKIT/6-1418-1	280SWTKIT 6' Single Device
280 -SWTKIT/8-1418-1	280SWTKIT 8' Single Device
280 -SWTKIT/12-1418-1	280SWTKIT 12' One Device Per Door
280SWTKIT/6-1418-2	280SWTKIT 6' Dual Devices
	280 -SWTKIT 8' Dual Devices
280SWTKIT/12-1418-2	280SWTKIT 12' Two Devices Per Door
RF280SWTK/6-1418-1	RF280SWTK 6' Single Device
RF280SWTK/8-1418-1	RF280SWTK 8' Single Device
RF280SWTK/12-1418-1	RF280SWTK 12' One Device Per Door
RF280SWTK/6-1418-2	RF280SWTK 6' Dual Devices
RF280SWTK/8-1418-2	RF280SWTK 8' Dual Devices
	RF280SWTK 12' Two Devices Per Door
SF280SWTK/6-1418-1	SF280 -SWTK 6' Single Device
SF280SWTK/8-1418-1	SF280SWTK 8' Single Device
SF280SWTK/12-1418-1	SF280SWTK 12' One Device Per Door
SF280 -SWTK/6-1418-2	SF280 -SWTK 6' Dual Devices
SF280_SWTK/8-1418-2	SF280 -SWTK 8' Dual Devices
SF280 -SWTK/12-1418-2	SF280 -SWTK 12' Two Devices Per Door
HBP200_/6-1418-1	HBP200_6' One Device Per Door
HBP200_/8-1418-1	HBP200_8' One Device Per Door
HBP200_/10-1418-1	HBP200_10' One Device Per Door
HBP200_/12-1418-1	HBP200_12' One Device Per Door
HBP200_/6-1418-2	HBP200_6' Two Devices Per Door
HBP200_/8-1418-2	HBP200_8' Two Devices Per Door
HBP200_/10-1418-2	HBP200_10' Two Devices Per Door
HBP200_/12-1418-2	HBP200_12' Two Devices Per Door

SOFT CLOSE FOR PEMKO FLAT TRACK SYSTEMS

For Pemko Designer Series Flat Track Sliding Door Hardware

Minimum Door Width Using Single Device 15". 22" Minimum Door Width When Using Dual Devices.

For doors weighing 88 - 132 lbs.		
ITEM #	DESCRIPTION	
DSG-FT-03_/6-1411-1	DSG-FT-03_ 6' Single Soft Close Device	
DSG-FT-03_/8-1411-1	DSG-FT-03_ 8' Single Soft Close Device	
DSG-FT-03_/6-1411-2	DSG-FT-03_ 6' Dual Soft Close Device	
DSG-FT-03_/8-1411-2	DSG-FT-03_ 8' Dual Soft Close Device	
DSG-FT-04_/6-1411-1	DSG-FT-04_ 6' Single Soft Close Device	
DSG-FT-04_/8-1411-1	DSG-FT-04_ 8' Single Soft Close Device	
DSG-FT-04_/6-1411-2	DSG-FT-04_ 6' Dual Soft Close Devices	
DSG-FT-04_/8-1411-2	DSG-FT-04_ 8' Dual Soft Close Devices	
DSG-FT-05_/6-1411-1	DSG-FT-05_6' Single Soft Close Device	
DSG-FT-05_/8-1411-1	DSG-FT-05_ 8' Single Soft Close Device	
DSG-FT-05_/6-1411-2	DSG-FT-05_ 6' Dual Soft Close Devices	
DSG-FT-05_/8-1411-2	DSG-FT-05_ 8' Dual Soft Close Devices	
DSG-FT-06_/6-1411-1	DSG-FT-06_ 6' Single Soft Close Device	
DSG-FT-06_/8-1411-1	DSG-FT-06_ 8' Single Soft Close Device	
DSG-FT-06_/6-1411-2	DSG-FT-06_ 6' Dual Soft Close Devices	
DSG-FT-06_/8-1411-2	DSG-FT-06_ 8' Dual Soft Close Devices	

For doors weighing 133-176 lbs.		
ITEM #	DESCRIPTION	
DSG-FT-03_/6-1413-1	DSG-FT-03_ 6' Single Soft Close Device	
DSG-FT-03_/8-1413-1	DSG-FT-03_ 8' Single Soft Close Device	
DSG-FT-03_/6-1413-2	DSG-FT-03_ 6' Dual Soft Close Device	
DSG-FT-03_/8-1413-2	DSG-FT-03_ 8' Dual Soft Close Device	
DSG-FT-04_/6-1413-1	DSG-FT-04_ 6' Single Soft Close Device	
DSG-FT-04_/8-1413-1	DSG-FT-04_ 8' Single Soft Close Device	
DSG-FT-04_/6-1413-2	DSG-FT-04_ 6' Dual Soft Close Devices	
DSG-FT-04_/8-1413-2	DSG-FT-04_ 8' Dual Soft Close Devices	
DSG-FT-05_/6-1413-1	DSG-FT-05_ 6' Single Soft Close Device	
DSG-FT-05_/8-1413-1	DSG-FT-05_ 8' Single Soft Close Device	
DSG-FT-05_/6-1413-2	DSG-FT-05_ 6' Dual Soft Close Devices	
DSG-FT-05_/8-1413-2	DSG-FT-05_ 8' Dual Soft Close Devices	
DSG-FT-06_/6-1413-1	DSG-FT-06_ 6' Single Soft Close Device	
DSG-FT-06_/8-1413-1	DSG-FT-06_ 8' Single Soft Close Device	
DSG-FT-06_/6-1413-2	DSG-FT-06_ 6' Dual Soft Close Devices	
DSG-FT-06_/8-1413-2	DSG-FT-06_8' Dual Soft Close Devices	

For doors weighing 177-240 lbs.

ITEM #	DESCRIPTION
DSG-FT-03_/6-1418-1	DSG-FT-03_6' Single Soft Close Device
DSG-FT-03_/8-1418-1	DSG-FT-03_ 8' Single Soft Close Device
DSG-FT-03_/6-1418-2	DSG-FT-03_6' Dual Soft Close Device
DSG-FT-03_/8-1418-2	DSG-FT-03_ 8' Dual Soft Close Device
DSG-FT-04_/6-1418-1	DSG-FT-04_6' Single Soft Close Device
DSG-FT-04_/8-1418-1	DSG-FT-04_8' Single Soft Close Device
DSG-FT-04_/6-1418-2	DSG-FT-04_6' Dual Soft Close Devices
DSG-FT-04_/8-1418-2	DSG-FT-04_8' Dual Soft Close Devices
DSG-FT-05_/6-1418-1	DSG-FT-05_6' Single Soft Close Device
DSG-FT-05_/8-1418-1	DSG-FT-05_8' Single Soft Close Device
DSG-FT-05_/6-1418-2	DSG-FT-05_6' Dual Soft Close Devices
DSG-FT-05_/8-1418-2	DSG-FT-05_8' Dual Soft Close Devices
DSG-FT-06_/6-1418-1	DSG-FT-06_6' Single Soft Close Device
DSG-FT-06_/8-1418-1	DSG-FT-06_8' Single Soft Close Device
DSG-FT-06_/6-1418-2	DSG-FT-06_6' Dual Soft Close Devices
DSG-FT-06_/8-1418-2	DSG-FT-06_8' Dual Soft Close Devices



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SOFT CLOSE FOR PEMKO FLAT TRACK SYSTEMS

For Pemko Builders Series Flat Track Sliding Door Hardware

Minimum Door Width Using Single Device 15". 22" Minimum Door Width When Using Dual Devices.

For doors weighing 88 - 132 lbs.		
ITEM #	DESCRIPTION	
BLD-FT-01_/6-1411-1	BLD-FT-01_6' Single Device	
BLD-FT-01_/8-1411-1	BLD-FT-01_ 8' Single Device	
BLD-FT-01_/6-1411-2	BLD-FT-01_6' Dual Devices	
BLD-FT-01_/8-1411-2	BLD-FT-01_8' Dual Devices	
BLD-FT-02_/6-1411-1	BLD-FT-02_ 6' Single Device	
BLD-FT-02_/8-1411-1	BLD-FT-02_ 8' Single Device	
BLD-FT-02_/6-1411-2	BLD-FT-02_6' Dual Devices	
BLD-FT-02_/8-1411-2	BLD-FT-02_8' Dual Devices	

For doors weighing 133-176 lbs.		
ITEM #	DESCRIPTION	
BLD-FT-01_/6-1413-1	BLD-FT-01_6' Single Device	
BLD-FT-01_/8-1413-1	BLD-FT-01_8' Single Device	
BLD-FT-01_/6-1413-2	BLD-FT-01_6' Dual Devices	
BLD-FT-01_/8-1413-2	BLD-FT-01_8' Dual Devices	
BLD-FT-02_/6-1413-1	BLD-FT-02_6' Single Device	
BLD-FT-02_/8-1413-1	BLD-FT-02_8' Single Device	
BLD-FT-02_/6-1413-2	BLD-FT-02_6' Dual Devices	
BLD-FT-02_/8-1413-2	BLD-FT-02_8' Dual Devices	

For doors weighing 177-240 lbs.				
ITEM # DESCRIPTION				
BLD-FT-01_/6-1418-1	BLD-FT-01_6' Single Device			
BLD-FT-01_/8-1418-1	BLD-FT-01_8' Single Device			
BLD-FT-01_/6-1418-2 BLD-FT-01_6' Dual Devices				
BLD-FT-01_/8-1418-2	BLD-FT-01_8' Dual Devices			
BLD-FT-02_/6-1418-1	BLD-FT-02_6' Single Device			
BLD-FT-02_/8-1418-1	BLD-FT-02_8' Single Device			
BLD-FT-02_/6-1418-2	BLD-FT-02_6' Dual Devices			
BLD-FT-02_/8-1418-2	BLD-FT-02_8' Dual Devices			

SOFT CLOSE POCKET FRAME KIT

PF134KIT must be ordered when using 1-3/4" thick doors in 2x4 stud constructed walls.

Wood 2x4 Stud Constructed Walls	Wood 2x6 Stud Constructed Walls	Metal 2x6 Stud Constructed Walls	Net Door Size	Options
SC-PF28200A7280	SC-PF28200A7280-2x6	SC-PF28200A7280-SP6	3'0" x 6'8"	PFAS84, PFCDKIT for Bi-Parting door openings
SC-PF28200A9680	SC-PF28200A9680-2x6	SC-PF28200A9680-SP6	4'0" x 6'8"	PFAS84, PFCDKIT for Bi-Parting door openings
SC-PF28200A7284	SC-PF28200A7284-2x6	SC-PF28200A7284-SP6	3'0" x 7'0"	PFAS88, PFCDKIT for Bi-Parting door openings
SC-PF28200A9684	SC-PF28200A9684-2x6	SC-PF28200A9684-SP6	4'0" x 7'0"	PFAS88, PFCDKIT for Bi-Parting door openings
SC-PF28200A7296	SC-PF28200A7296-2x6	SC-PF28200A7296-SP6	3'0" x 8'0"	PFAS100, PFCDKIT for Bi-Parting door openings
SC-PF28200A9696	SC-PF28200A9696-2x6	SC-PF28200A9696-SP6	4'0" x 8'0"	PFAS100, PFCDKIT for Bi-Parting door openings

SOFT CLOSE RETROFIT KITS

For Designer Series Systems				
ITEM # DESCRIPTION				
DSG1411-1Single Device 88-132 lbs.				
DSG1411-2 Dual Devices 88-132 lbs.				
DSG1413-1_ Single Device 133-176 lbs.				
DSG1413-2_ Dual Devices 133-176 lbs.				
DSG1418-1Single Device 177-240 lbs.				
DSG1418-2_ Dual Devices 177-240 lbs.				

Finishes: add IS for Industrial Steel finish add BSP for Black Suede finish add SS for Stainless Steel finish

For Builders Series Systems			
ITEM # DESCRIPTION			
BLD1411-1_	Single Device 88-132 lbs.		
BLD1411-2_	Dual Devices 88-132 lbs.		
BLD1413-1_	Single Device 133-176 lbs.		
BLD1413-2_	Dual Devices 133-176 lbs.		
BLD1418-1_	Single Device 177-240 lbs.		
BLD1418-2_	Dual Devices 177-240 lbs.		

Finishes: add C for IS finish add D for BSP finish

For Box Track Systems				
ITEM # DESCRIPTION				
SC1411-1 Single Device 88-132 lbs.				
SC1411-2 Dual Devices 88-132 lbs.				
SC1413-1 Single Device 133-176 lbs.				
SC1413-2 Dual Devices 133-176 lbs.				
SC1418-1 Single Device 177-240 lbs.				
SC1418-2 Dual Devices 177-240 lbs.				

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RESIDENTIAL THRESHOLDS

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INTERLOCKING THRESHOLDS

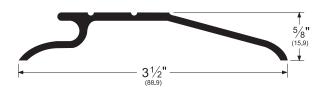
- All interlocking thresholds (including water return types) and caps are furnished with #61 hooks and nails
- For alternate hooks, see following page

114_ AVAILABLE FINISHES: A, B, D

120_

AVAILABLE FINISHES: B

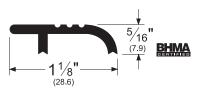
110_ AVAILABLE FINISHES: A, B, D



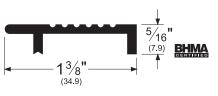
THRESHOLD CAPS

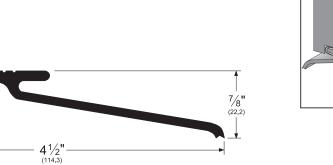
 Typically mounted on an existing saddle-type threshold to create an interlock with a J-hook or L-hook

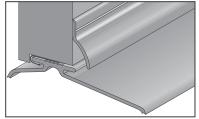
101_ AVAILABLE FINISHES: A, B, D ANSI: J34170



108_ AVAILABLE FINISH: B ANSI: J14170







NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized)



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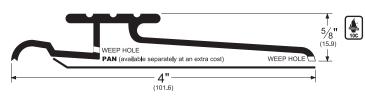
Pemko Residential Thresholds

INTERLOCKING THRESHOLDS - WATER RETURN

- Water return thresholds are designed to catch water which may blow or run under the door and return it to the outside through interior weep holes, down the sloped drain pan, and out exterior weep holes
- + Product number for the aluminum water return pan is $\ensuremath{\mathsf{PAN}}$
- Products are furnished with #61 hooks and nails

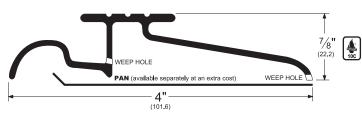
142_

AVAILABLE FINISHES: A, D

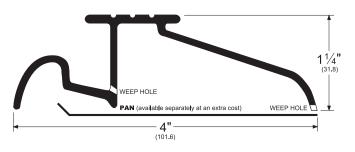


145_

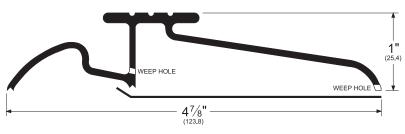




146_ AVAILABLE FINISHES: B



136_ AVAILABLE FINISHES: A, B, D



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized) For Hooks: B (Bronze) Z (Steel)

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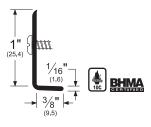
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Hooks

- When installed properly on bottom of door, hooks interlock with threshold for a superior seal
- When substituting #66 hook for #61 hooks, price will be increased accordingly. Contact Pemko Customer Service

66_

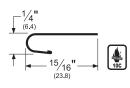
AVAILABLE FINISHES: A, D



_61

AVAILABLE FINISHES: **B, Z**

.018 bronze .015 steel NOTE: B61 is roll form bronze metal



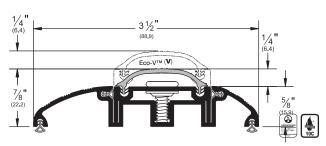


ADJUSTABLE ECO-V™ TOP THRESHOLDS

- Furnished with concealed, weather-sealed mounting screws and adjustment mechanism
- Eco-V[™] seal adjusts to overcome swelling and/or shrinking of door and floor and eliminates need for shoe or sweep

249_V

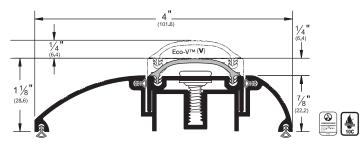
AVAILABLE FINISHES: A, D AVAILABLE LENGTHS: **36", 72"**



- Furnished with Eco-V[™] (V) insert. Gray replacement
 Eco-V[™] is PV64GR (see Weatherization Products section)
- Eco-V[™] replacement "foot" insert is **EV63GR**
- · Pre-assembled for easy installation and adjustment

250_V

AVAILABLE FINISHES: A, D AVAILABLE LENGTHS: **36", 72"**



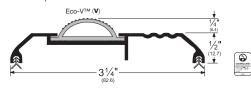
ECO-V[™] TOP THRESHOLDS

• Eco-V[™] (V) top creates a seal at the bottom of the door, eliminating the need for door sweeps or door shoes

206_V

AVAILABLE FINISHES: A, D

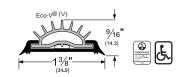
Gray replacement Eco-V[™] is **EV22GR** Black replacement Eco-V[™] is **EV22BL**



• Eco-V[™] feet replacement insert is **EV12GR**

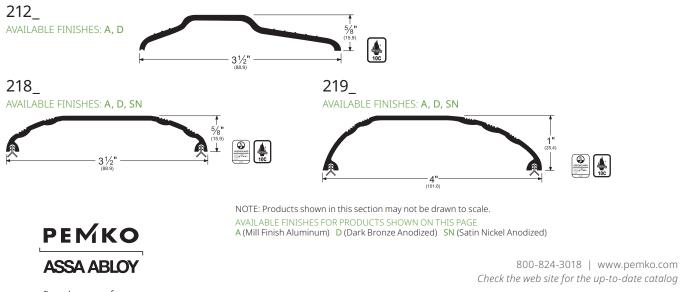
208_V

AVAILABLE FINISHES: A, D Replacement Eco-V™ is EV15BL or EV15GR



RESIDENTIAL SADDLES

- Use a door bottom shoe or sweep with these thresholds to seal out the elements
- Made of sturdy extruded aluminum
- Replacement Eco-V[™] feet (where applicable) is **EV12GR**



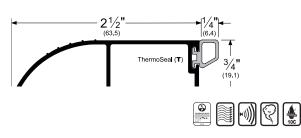
Pemko Residential Thresholds

BUMPER THRESHOLDS FOR OUTSWING DOORS

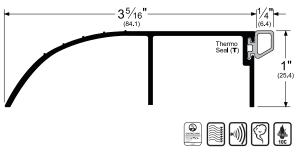
· In the closed position, the door butts up to bumper seal on threshold creating a seal against the elements

149 T

AVAILABLE FINISHES: A, D REPLACEMENT INSERT: T5 (BL)

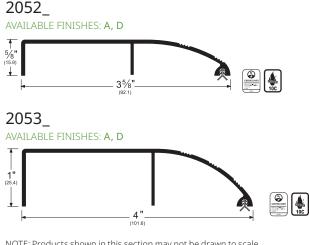


2051 T AVAILABLE FINISHES: A, D REPLACEMENT INSERT: T5 (BL)



SQUAREBACK THRESHOLDS

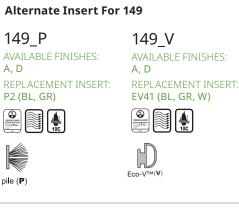
- Replacement Eco-V[™] feet (where applicable) is **EV12GR**
- · Interior support leg flushes with interior jamb in application, allowing flooring to squarely abut threshold
- · Ideal for tall terra cotta, plush carpet or stone paver entry applications for smooth transition



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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Alternate Insert For 2051 2051 P 2051 V AVAILABLE FINISHES: AVAILABLE FINISHES: A, D A, D REPLACEMENT INSERT: P2 (BL, GR) 4





Eco-VTM(V)

- Gently sloping and ribbed exterior ramp eliminates trip hazard while providing maximum rain guard. (Be sure to caulk all support legs or lay in mastic for best seal)
- Center support leg provides for engineered threshold stability

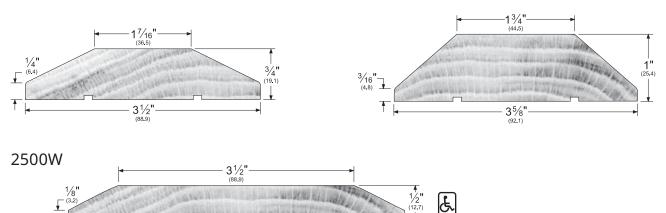


OAK THRESHOLDS

- · Natural unfinished oak provides beauty as well as thermal benefits
- · Available in 36" or 72" lengths only

2180AK





SILL NOSINGS

- · Used to cover concrete or wood sill
- · Provides an attractive finished look to new and old door openings, covering defects in existing sill

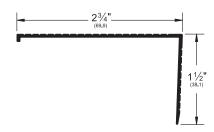
- 5"-

· Sill nosings are held in place with mastic and pressure from threshold placement

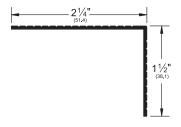




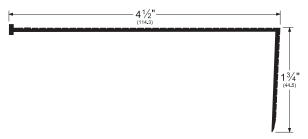












NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE

A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) D (Dark Bronze Anodized Aluminum) PW (Painted White Aluminum) SN (Satin Nickel Anodized Aluminum) OAK (Natural Unfinished Oak) W (Solid Oak)



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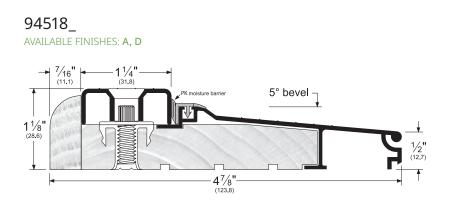
Pemko Residential Thresholds

266

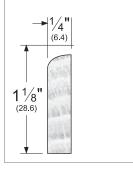
RESIDENTIAL MILLWORK SILLS

- Sills for use with standard $4^{5}\!\prime_8"$ jamb width with easy snap-on extention for jambs as wide as $8^{3}\!\prime_4"$
- For fabrication options for adjustable or fixed substrate sills, such as horning or sidelite mullion notching, contact Pemko Customer Service
- Residential Sills are designed specifically for the pre-hung door market. They are furnished un-drilled and without screws or nails
- Adjustable up to ¼¹ to compensate for uneven door bottoms and sub-sill level changes. Two-part zinc plated steel stud shoulder screw joins a long-barreled, zinc plated steel T-nut for superior stability and long-lasting reliability
- PemkoPrene (PK) moisture barrier prevents water intrusion. Design of PemkoPrene (PK) bulb configuration keeps constant pressure between aluminum cap and aluminum extrusion at any level of adjustment (bulb shown compressed). Replacement insert is PK74BL
- Available in standard sizes 32.5", 36.5", and 73.75"

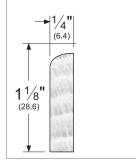
ADJUSTABLE ALUMINUM TOP SILLS



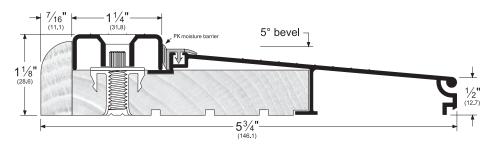
Add "**NT**" to the end of product number to order narrow trim (i.e. **94518A36.5NT**). Full width of sill changes from 4⁷/₈" to 4¹¹/₁₆".



Add "NT" to the end of product number to order narrow trim (i.e. **95518A36.5NT**). Full width of sill changes from $5^{3}/_{4}$ " to $5^{9}/_{16}$ ".



95518_ AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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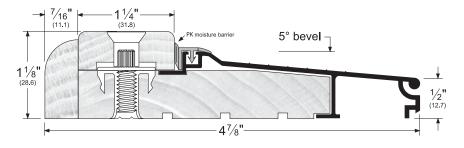
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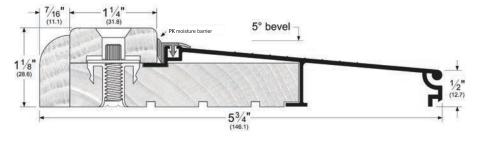
ADJUSTABLE OAK TOP SILLS

94518_W

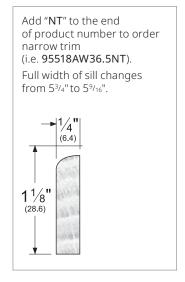
AVAILABLE FINISHES: A, D



95518_W AVAILABLE FINISHES: A, D



Add "NT" to the end of product number to order narrow trim (i.e. 94518AW36.5NT). Full width of sill changes from $4^{7/_8}$ " to $4^{11/_{16}}$ ".



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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Pemko Residential Thresholds

PEMKO ASSA ABLOY

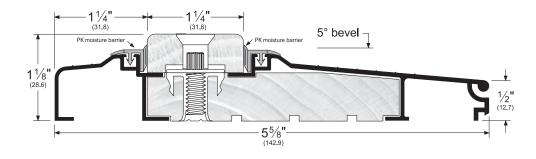
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OUTSWING ADJUSTABLE OAK TOP SILLS

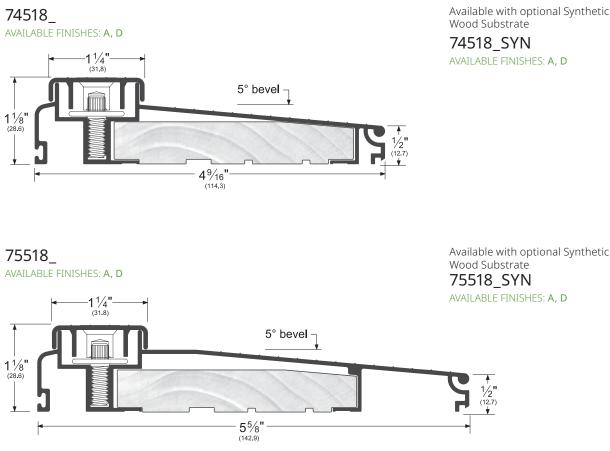
Pemko Residential Thresholds

OS95518 W

AVAILABLE FINISHES: A, D



RESIDENTIAL ALL-ALUMINUM ADJUSTABLE SILLS



AVAILABLE FINISHES: A, D

NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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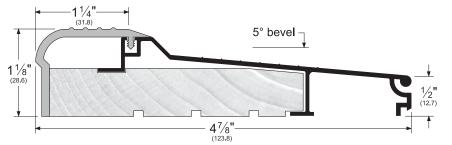


FIXED ECO-V[™] TOP RESIDENTIAL SILLS

• Fixed rigid Eco-V[™] (V) cap includes ratchet lock feature which prevents moisture penetration and securely fastens Eco-V[™] to aluminum extrusion

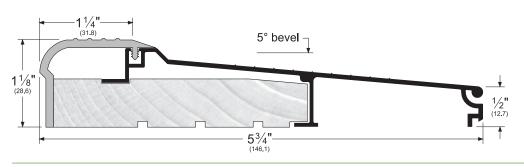
N84518_V

AVAILABLE FINISHES: A, D



N85518_V

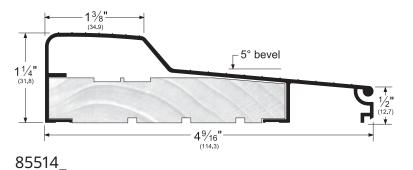
AVAILABLE FINISHES: A, D



RESIDENTIAL ALL-ALUMINUM FIXED SILLS

84514_

AVAILABLE FINISHES: A, D



AVAILABLE FINISHES: A, D



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized)

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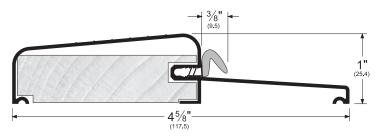
Pemko Residential Thresholds

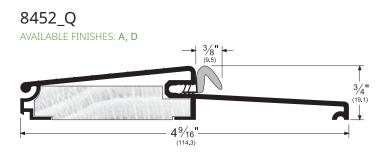
OUTSWING FIXED BUMPER SILLS

- High dam design restricts water intrusion
- * Supplied with high quality Q103 ($\!Q\!)$ kerf-in seal

8451_Q

AVAILABLE FINISHES: A, D



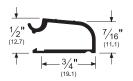


EXTENDERS FOR ALL RESIDENTIAL SILLS

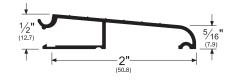
- Extenders fit all 4⁷/₈" wide and 5³/₄" wide extrusions
- Extenders are available for jambs as wide as 8³/₄"
- Not for use with 8451_Q



AVAILABLE FINISHES A, D

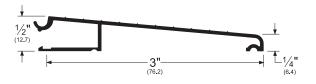






EXT3_ AVAILABLE FINISHES: A, D

• 8452_Q is extendable to interior



NOTE: Products shown in this section may not be drawn to scale. AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE A (Mill Finish Aluminum) D (Dark Bronze Anodized) For Kerf Gasket: BL (Black) W (White)

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FLOOR MOLDING, TRIM & HANDYSHAPES™

CONTENTS:

Carpet Bar and Seam Binding	
Stair Nosing	
Oak Seam Binding, Floor Edging, and Carpet Trim	274

INDEX:

PRODUCT	PAGE	PRODUCT	PAGE
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2132	274	2219W	274
2132W	274	2500W	274
2134	274		



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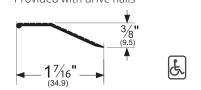
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CARPET BAR - STANDARD

· Carpet Bars protect and provide a neat trim for the edge of carpet

2132_

AVAILABLE FINISHES: **A**, **G** AVAILABLE LENGTHS: **36"**, **72" Provided with drive nails**



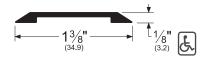
SEAM BINDING

• Covers seams and joins in linoleum, tile, carpet, and other floor coverings

2219_

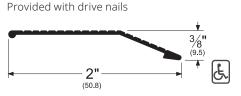
AVAILABLE FINISHES: **A, G** AVAILABLE LENGTHS: **36", 72"**

Provided with drive nails



2134_

AVAILABLE FINISHES: **A, G** AVAILABLE LENGTHS: **36", 72"**



Typical Installation



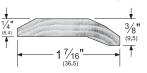
2120_ shown installed

OAK CARPET TRIM

- Covers and protects carpet edges or seams between two surfaces
- Oak is provided unfinished with countersunk holes and brass plated screws

2132W

AVAILABLE FINISH: **W** AVAILABLE LENGTHS: **36", 72"**

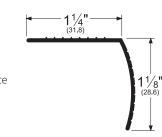


STAIR NOSING

• Protects and improves the appearance of stair edges

2120_

AVAILABLE FINISHES: **A**, **G** AVAILABLE LENGTHS: **36"**, **72"** Provided with drive nails Ribbed top surface and fluted face



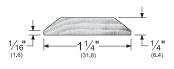
OAK SEAM BINDING

- Oak Seam Binding covers seams between wood, tile, linoleum and other surfaces
- Oak is provided unfinished with countersunk holes and brass plated screws

2219W

274

AVAILABLE LENGTHS: 36", 72"

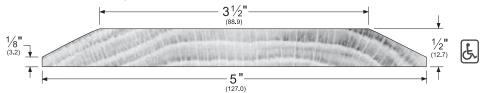




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AVAILABLE LENGTHS: 36", 72"

.



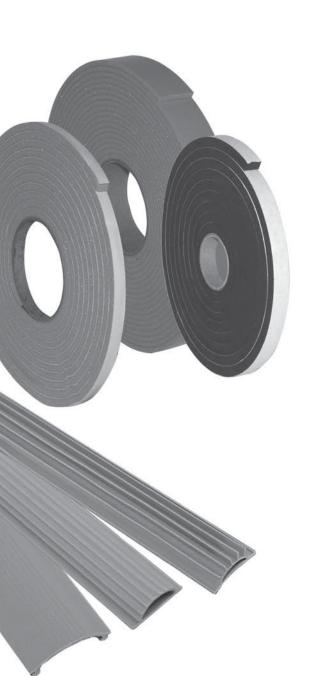
AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE **A** (Mill Finish Aluminum) **G** (Gold Anodized) **W** (Solid Oak)

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PEMKO WEATHERIZATION PRODUCTS

CONTENTS:

Foam Tape	
Neoprene Tape	
Miscellaneous Tape	
Spring Bronze Weatherstrip	
Garage Door Weatherstrip	



INDEX:

PRODUCT PAGE	PRODUCT PAGE	PRODUCT PAGE
P51B17277	P266276	P391276
P240276	P361V16277	P392276
P241276	P364R16277	P393276
P241-30276	P365V16277	P394276
P242276	P380277	P396276
P243276	P381277	P397276
P244276	P382277	P398276
P260276	P384277	P480277
P261276	P385276	P484277
P262276	P386276	P490276
P263276	P387277	P491276
P264276	P388277	P493276
P265276	P390276	P497276



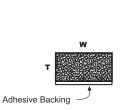
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OPEN CELL POLYURETHANE FOAM TAPE

· Easily compressible self-adhesive weatherstrip

Product #	Color	Thickness (T)		Width (W)		Length
P390	Gray	³ / ₁₆ "	x	3/8"	x	17'
P391	White	1/4"	X	3/8"	x	17'
P392	Gray	3/8"	X	3/8"	X	17'
P393	Gray	1/2"	X	1/2"	X	17'
P394	Gray	1/2"	X	3/4"	х	17'
P396	Charcoal	1/4"	X	1/2"	х	17'
P397	White	1/8"	X	3/8"	х	17'
P398	Gray	1/4"	X	3/4"	х	17'



Suggested Installation

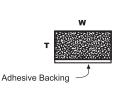


Open Cell Foam Tape installed on casement window.

CLOSED CELL SOFT PVC FOAM TAPE

- Flexible, conformable, and softly compressible self-adhesive weatherstrip
- · Highly resilient: resists ultraviolet, oxygen and moisture degradation
- · Seals against air and water, around doors and windows

Product #	Color	Thickness (T)		Width (W)		Length
P240	Gray	1/8"	X	1/4"	X	17'
P241	Gray	³ / ₁₆ "	x	3/8"	x	17'
P241-30	Gray	³ / ₁₆ "	x	³ /8"	x	30'
P242	Gray	1/4"	x	3/8"	x	17'
P243	Gray	3/8"	X	3/8"	x	17'
P244	Gray	3/8"	X	3/4"	х	17'



Suggested Installation



Top view of **Closed Cell PVC Soft Foam Tape** installed on door opening.

CLOSED CELL FIRM PVC FOAM TAPE

· Moderately compressible self-adhesive weatherstrip

Product #	Color	Thickness (T)		Width (W)		Length
P260	Black	1/8"	x	1/4"	x	17'
P261	Black	³ / ₁₆ "	x	3/8"	X	17'
P262	Black	³ / ₁₆ "	x	3/4"	x	17'
P263	Black	⁵ / ₁₆ "	x	3/8"	x	10'
P264	Black	⁵ / ₁₆ "	x	3/4"	x	10'
P265	Black	7/ ₁₆ "	x	3/8"	x	10'
P266	Black	7/ ₁₆ "	x	3/4"	x	10'
P385	Gray	1/4"	x	1/2"	X	10'
P386	Gray	1/4"	x	3/4"	Х	10'

Adhesive Backing

Suggested Installation

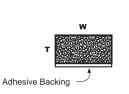


Closed Cell PVC Firm Foam Tape installed as car trunk weatherstrip.

EPDM SPONGE NEOPRENE TAPE

- · Slightly compressible self-adhesive weatherstrip
- · Resists deterioration and remains flexible at sub-zero temperatures
- Superior product for weatherstripping doors, windows, hatchways, lids and covers

Product #	Color	Thickness (T)		Width (W)		Length
P490	Gray	1/8"	х	³ / ₈ "	х	10'
P491	Gray	1/4"	х	³ /8"	х	10'
P493	Gray	1/4"	х	1/2"	х	10'
P497	Gray	1/4"	х	3/4"	х	10'



Suggested Installation



EPDM Sponge Neoprene Tape installed as boat hatch weatherstrip

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CLOSED CELL SPONGE NEOPRENE TAPE

• Superior product for weatherstripping homes, cars, trucks and boats

Product #	Color	Thickness (T)		Width (W)		Length
P380	Black	³ / ₁₆ "	x	3/8"	х	10'
P381	Black	5/ ₁₆ "	x	3/8"	x	10'
P382	Black	⁵ / ₁₆ "	x	3/4"	x	10'
P384	Black	7/ ₁₆ "	x	3/4"	х	10'
P387	Black	³ / ₁₆ "	x	3/4"	х	10'
P388	Black	⁵ / ₁₆ "	x	1/ ₂ "	x	10'
P484	Black	⁷ / ₁₆ "	x	3/8"	x	10'

- · Resists deterioration from oily substances
- · Remains flexible at high and low temperatures

K

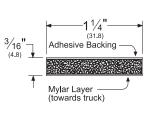
Closed Cell Sponge Neoprene Tape installed as car door weatherstrip.

Suggested Installation

CLOSED CELL SPONGE VINYL CAMPER TAPE

Mylar-backed tape cushions between camper and truck

Product #	Color	Thickness (T)		Width (W)		Length
P480	Gray	³ / ₁₆ "	х	11/4"	х	30'



Adhesive Backing

Suggested Installation



Sponge Vinyl Camper Tape installed as seal between camper and truck bed

SPRING BRONZE WEATHERSTRIP

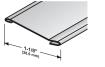
- For use on wood doors and wood casement windows
- .008" hemmed spring bronze (brass)

Product #	Material	Width		Length
P51B17	Bronze	1 ¹ /8"	х	17'

+ Packaged with nails. Nails should be approximately $1^{1\!\prime_2}{}^{\prime\prime}$ on center

P361V16

P364R16



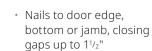
GARAGE DOOR WEATHERSTRIP

· All garage door weatherstrips are furnished with roofing nails

Product #	Color	Height		Width		Length
P361V16	Black	1 ¹ / ₂ "	х	1"	x	16'
P364R16	Black	3/4"	х	2 ¹ / ₄ "	x	16'
P365V16	Gray	1 ³ / ₄ "	х	5/ ₈ "	x	16'

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Nails to door bottom, closing gaps up to ⁵/8"



 Nails to door edge, bottom or face, closing gaps up to 1³/₄"



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PEMKO FIRE GLAZING TAPE

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Fire Glazing Tape Applications	



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FIRE GLAZING TAPE

- Verify all applications with your door and/or frame manufacturer
- **FG3000S45** and **FG3000S90** are specially formulated high-performance fire glazing tapes
- For exterior fire-rated applications, seal against moisture using standard industry methods

FG3000S45

AVAILABLE LENGTHS: 7', 8', 14', 16'





$\begin{array}{c} 5^{\prime}/64^{\prime\prime} + 7^{\prime}/16^{\prime} + 10^{\prime} \\ \hline 10^{\prime} (2.0) & 10^{\prime} \\ \hline 10^{\prime} (2.0) & 10^{\prime} \\ \hline 10^{\prime} (11.1) & 10^{\prime} \\ \hline 10^{\prime} \hline 10^{\prime} \\ \hline 10^{\prime}$

Color: White

Color: White

Fire Glazing Tape in Larger Lite Applications

Single Vision Lites (Wood/Hollow Metal Door)	Maximum Height: 84" Maximum Width: 34" Maximum Total Square Inches (Visible Glass Area): 2,856	 In 20-, 45-, 60- and 90-minute rated wood and hollow metal doors with metal vision frames, the use of FG3000 fire glazing tape allows for much larger vision lites In 20- and 45-minute rated hollow metal screens, the use of FG3000 fire glazing tape allows for much larger sidelites, borrowed lites and glass transoms New allowable visible glass areas for vision lites in 20- and 45-minute rated wood and hollow metal doors with FG3000S45 is 2,856 square inches with a maximum height of 84" and a maximum width of 34"
Multiple Vision Lites (Hollow Metal Door)	Maximum Height (Each Lite): 12" Maximum Width (Each Lite): 46" Maximum Combined Square Inches (All Visible Glass Areas): 2,208	 For 90-minute hollow metal doors with FG3000 fire glazing tape, 12" x 46" vision lites are allowed, but the total number of lites must not exceed four (4) per door. The combined total visible glass area allowed is 2208 square inches



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FG3000S45 FIRE GLAZING TAPE IN 20- AND 45-MINUTE HOLLOW METAL FRAME (SCREEN)

Sidelite/Borrowed Lite/Transom Lite Applications

- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, a clear silicone caulk is recommended for water proofing

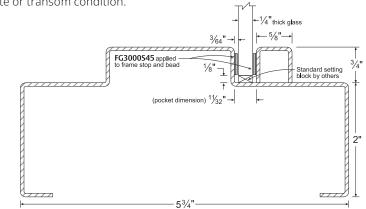
FG3000S45

AVAILABLE LENGTHS: 7', 8', 14', 16'



Sectional View of Application

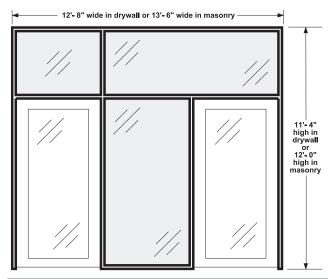
Hollow metal frame for a sidelite, borrowed lite or transom condition.

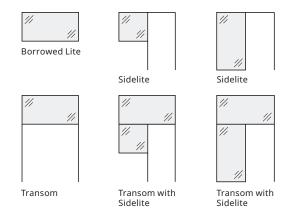


Color: White

Technical Data for 20- And 45-Minute Hollow Metal Screens Equipped with FG3000S45 (Sidelite/Borrowed Lite/Transom Lite Applications)

Lite Configurations





The maximum visible glass area allowed for side lites, borrowed lites, and glass transoms is 4,704 square inches with a maximum length of 106" in any one direction.

Lite Specifications	Hollow Metal Screen Specifications	Listing/Labeling Specifications
Maximum Lite Size: 106" In Any One Direction Maximum Lite Combined Square Inches: Not To Exceed 4,704	Maximum Dimensions (Drywall): 12'8" X 11'4" Maximum Dimensions (Masonry): 13'6" X 12'0" Metal Requirements: Frames are restricted to a minimum of 16-gauge with ⁵ / ₈ " high stops and 18-gauge glazing bead with #8 fasteners at 9" maximum centers	 Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.[®] for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers Listed Glazing Products include: Wire Glazing: Pilkington, Asahi and Central Glass All vision lite kits must be listed fire door glass frames, packaged with FG3000S45 or FG3000S90 Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown



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FG3000S45 FIRE GLAZING TAPE IN 20- AND 45-MINUTE HOLLOW METAL DOOR

Metal Vision Frame Applications

- · Maximum hollow metal door size: 48" x 120" single, pairs approved
- · Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.® for the manufacturing and labeling of hollow metal fire doors and frames. Warnock-Hersey (I.T.S.) listings are also available through participating hollow metal

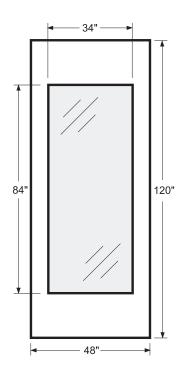
manufacturers

· For exterior fire rated applications, seal against moisture using standard industry methods

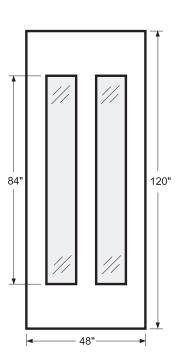
48'

· Verify all applications with your door and/or frame manufacturer

◄12"►



For 20 minute and 45 minute the maximum visible glass size allowed is 34" wide x 84" high or 2,856 square inches per vision lite.



Multiple vision lites are allowed in both the 20 minute and 45 minute, but the combined total visible glass area allowed is 2,856 square inches per door.

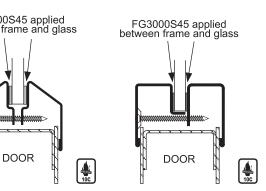
FG3000S45



Color: White



Sectional View of Applications



Beveled

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120"

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Square

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FG3000S45 FIRE GLAZING TAPE IN 20- AND 45-MINUTE WOOD DOOR

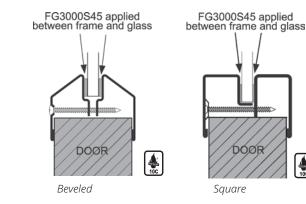
Metal Vision Frame Applications

FG3000S45



Color: White

Sectional View of Applications



Technical Data for 20- And 45-Minute Wood Doors Equipped with FG3000S45 (Metal Vision Frame, Single and Multiple Lite Applications)

Lite Configurations

Lite Specifications

Lite):

inches per lite

per door.

(Multiple Lites):

Maximum Dimensions (Single

34" wide x 84" high, 2,856 square

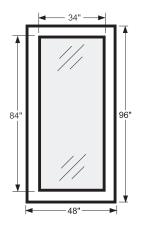
Maximum Combined Dimensions

Multiple vision lites are allowed in

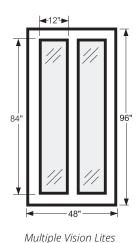
both the 20- and 45-minute doors,

but the combined total visible glass

area allowed is 2,856 square inches



Single Vision Lite



The maximum visible glass area allowed for single lites is 34" wide x 84" high; for single and multiple lites, the total visible glass area allowed is 2,856 square inches per door.

Door Specification	
Maximum Dimensions:	

Or both 20- and 45-minute doors, the maximum wood door size is 48" x 96" single, pairs approved

Listing/Labeling Specifications
• Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.[®] for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers

- Listed Glazing Products include:
 - Wire Glazing: Pilkington, Asahi and Central Glass
- Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown

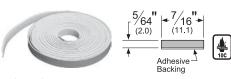


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FG3000S90 FIRE GLAZING TAPE IN 90-MINUTE HOLLOW METAL DOOR METAL VISION FRAME APPLICATIONS

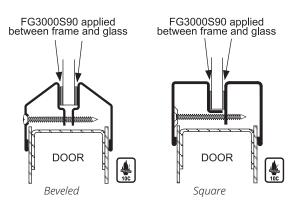
- · Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, seal against moisture using industry standard methods

FG3000S90 AVAILABLE LENGTHS: 8', 16'



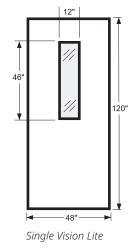
Color: White

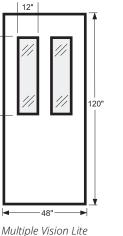
Sectional View of Applications

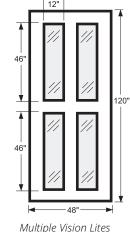


Technical Data for 90-Minute Hollow Metal Doors Equipped with FG3000S90 (Metal Vision Frame, Single And Multiple Lite Applications)

Lite Configurations







The maximum visible glass area allowed for single lites is 12" wide x 46" high or 552 square inches per vision lite; for multiple lites, the largest approved door configuration is two (2) vision lites at 12" wide x 46" high above two (2) vision lites at 12" wide x 46" high (as shown at far right). No more than four (4) lites are allowed per door, and the combined total visible glass area allowed is 2,208 square inches per door.

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Lite Specifications	Door Specification	Listing/Labeling Specifications
Maximum Dimensions (Single Lite): 12" wide x 46" high, 552 square inches per lite Maximum Combined Dimensions (Multiple Lites): Multiple vision lites are allowed in 90-minute doors, but the combined total visible glass area allowed is 2,208 square inches per door. No more than four (4) lites are allowed per door. The largest approved configuration is above two (2) vision lites at 12" wide x 46" high above two vision lites at 12" wide x 46" high.	Maximum Dimensions: For 90-minute doors, the maximum hollow metal door size is 48" x 120" single, pairs approved.	 Door and frame must be manufactured by companies that are classified by Underwriters Laboratories Inc.[®] for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers Listed Glazing Products include: Wire Glazing: Pilkington, Asahi and Central Glass Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown.



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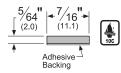
FG3000S90 FIRE GLAZING TAPE IN 60- AND 90-MINUTE WOOD DOORS

Metal Vision Frame Applications

- · Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, a clear silicone caulk is
- recommended for water proofing

FG3000S90

AVAILABLE LENGTHS: 8', 16'

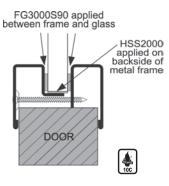


HSS2000



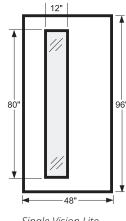
HSS2000 is required to be installed with FG3000S90 for positive pressure applications only. For more information about HSS2000, please see the Adhesive Gasketing section.

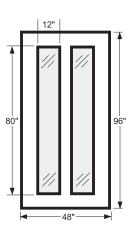
Sectional View of Applications



Technical Data for 60- and 90-Minute Wood Doors Equipped with FG3000S90 & HSS2000 (Metal Vision Frame, Single and Multiple Lite Applications)

Lite Configurations

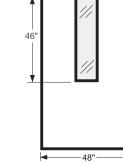




Multiple Vision Lites,

Door Specification

60-Minute Door



12"

96'

allowed for 60-minute single lites is 12" wide x 80" high or 960 square inches per vision lite; 90-minute doors are allowed a maximum visible glass area of 12" wide x 46" high or 552 square inches per vision lite. Multiple lites (allowed on 60-minute doors only) have a maximum combined visible glass area of 1,920 square inches per door.

The maximum visible glass area

Single Vision Lite, 60-Minute Door

Lite Specifications

Maximum Dimensions (Single Lite, 60-Minute): 12" wide x 80" high; 960 square inches

12" wide x 80" high; 960 square inches per lite

Maximum Dimensions (Single Lite, 90-Minute):

12" wide x 46" high; 552 square inches per lite

Maximum Combined Dimensions (Multiple Lites, 60-Minute):

Multiple vision lites are allowed in 60-minute doors only; the combined total visible glass area allowed is 1,920 square inches per door **Maximum Dimensions:** For both 60- and 90-minute doors, the maximum wood door size is 48" x 96" single, pairs approved

Single Vision Lite, 90-Minute Door

 Listing/Labeling Specifications
 Door must be manufactured by companies that are classified by Underwriters Laboratories Inc.[®] for the manufacturing and labeling of hollow metal fire doors. Warnock Hersey (I.T.S.) listings are also available through participating hollow metal manufacturers.
 Listed Glazing Products include:

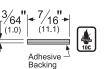
- Wire Glazing: Pilkington, Asahi and Central Glass
- Individual door and frame manufacturers' modification procedures may vary slightly from the size listings shown
- HSS2000 is required on Positive Pressure applications only



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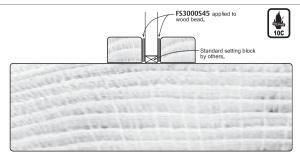
FG3000S45 FIRE GLAZING TAPE IN 20- AND 45-MINUTE WOOD DOORS AND FRAMES

FG3000S45 AVAILABLE LENGTHS: 7', 8', 14', 16'



- Verify all applications with your door and/or frame manufacturer
- For exterior fire-rated applications, seal against moisture using standard industry methods
- · Wood vision frames rated 20-minute and 45-minute
- Wood sidelite frames rated 20-minute and 45-minute
- Wood borrowed lite frames rated 20-minute and 45-minute

Technical Data for 20-Minute Wood Sidelite Frame/Wood Lite Bead/Clear Tempered Glass

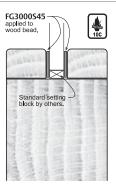


Maximum Visible Glazing Dimensions (Sidelite): $32\,{}^{7}\!{}^{/}\!{}^{8''}$ x $87\,{}^{13}\!{}^{/}\!{}_{16''}$

Glazing Materials (Sidelite):

- PyroEdge 20[™] by Interedge Technologies
- Fireglass 20[™] by Technical Glass Products
- Listing/Labeling Specifications:
- Positive Pressure Tested and Listed
- Verify availability with door and frame manufacturer

Technical Data For 20-Minute Full Lite Wood Door/Wood Lite Frame/Clear Tempered Glass



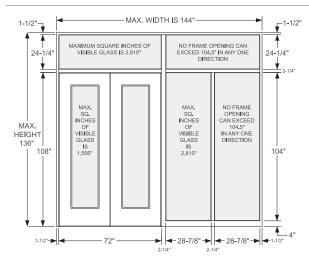
Maximum Visible Glazing Dimensions (Lite):

- (4'0" x 8'0" Door): 32⁷/₈"x 75¹³/₁₆"
- (4'0" x 8'0" Door): 32⁷/₈" x 75¹³/₁₆"

Glazing Materials (Sidelite):

- PyroEdge 20[™] by Interedge Technologies
- Fireglass 20[™] by Technical Glass Products
- Listing/Labeling Specifications:
- Positive Pressure Tested and Listed
- Verify availability with door and frame manufacturer

Technical Data for: 20- and 45-Minute Full Lite Wood Door/Wood Lite Frame With Wire Glass or FireLite™, 20- and 45-Minute Wood Sidelite Frame/Borrowed Lite Frame/Transom Lite Frame with Wire Glass or FireLite™



Lite Specifications (see diagram at left):

- Positive Pressure Tested and Listed
- Large visible glazing areas
- Wire Glass and FireLite™
- Verify availability with door and frame manufacturer.

Contact These Manufacturers: Navy Island, Inc.

275 Marie Ave East, West St. Paul, MN 55118 Phone: 651.451.4454, Fax: 651.451.4484

Eggers Industries - Frame Plant

1819 East River Street, Two Rivers, WI 54241 Phone: 920.793.1351, Fax: 920.793.2958

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PEMKO DOOR & FRAME ACCESSORIES

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GLAZING BEAD/SPREADER BAR

Glazing Bead

• Sold in 20 packs only

No fasteners supplied

GS2-20PK	 ⁵/₈" H x ³/₄" W x 10'0" L (Outer Dimension) Punched and countersunk for #8 screw Hole spacings are 6" from ends and 12" on center
	• .049 18 gauge A40 galvannealed steel
GS3-20PK	+ ${}^{5}\!{}^{8}\!'$ H x ${}^{3}\!{}^{4}\!'$ W x 10'0" L (Outer Dimension)
	• Blank (no holes)
	• .049 18 gauge A40 galvannealed steel
GS4-20PK	• 5/8" H x 3/4" W x 3'0" L (Outer Dimension)

- Blank (no holes)
- .049 18 gauge A40 galvannealed steel







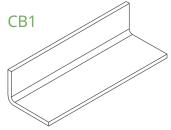
REINFORCEMENTS - FILLERS

Corner Fillers

- Holes in one side for anchoring 15/8" x 15/8"
- .065 16 gauge galvannealed steel
- Sold in 50 packs only

CB1-50PK

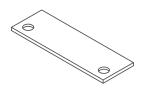
- 2" face frame corner filler.
- 5/8"x 7/16" lip x 113/16" wide



Frame Hinge Filler Plate

- For 1³/₄" rabbeted frames
- Two (2) #12-24 x 1/2" F.H.M.S.
- Sold in 25 packs only
- $4^{1/2}$ " hinge filler for frames. HF3-25PK
 - 1⁵/₈" x 4¹/₂" x .134 HRPO

HF3





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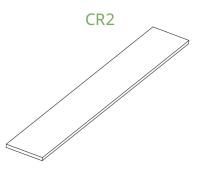
REINFORCEMENTS - MISC.

Weld-In Reinforcements

- Weld-in closer reinforcement
- CR2 sold in 5 packs only
- CR3 sold in 20 packs only

CR2-5PK

- 12" flat closer reinforcement for standard and PA mount
- closers
- 1³/₄" x 12" x .134 10 gauge HRPO





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ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.





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