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# HENDERSON

COMMERCIAL AND INDUSTRIAL  
SLIDING AND FOLDING DOOR HARDWARE



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# HENDERSON

P C Henderson has long been acknowledged as the world leader in the design and manufacture of Sliding Gear Systems for residential, commercial and industrial applications.

Established in 1921, the company is a member of Cardo Door, the largest Business Area within Cardo AB, a major European engineering products group with an annual turnover in excess of £700 million.

P C Henderson is based in Bowburn in North East England and has subsidiaries in Holland and Ireland. The company has a long established sales and distribution network in over 70 countries, with head office support from Henderson's fully trained technical sales team.

The company is committed to quality and is registered to BS EN ISO 9002: 1994 Quality Systems.

## HENDERSON COMMERCIAL RANGE

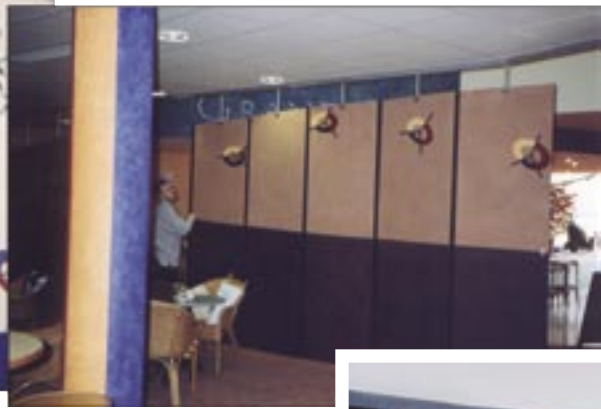
The three models in the Henderson commercial range - Husky Glass, Pacer and Flexirol - are suitable for doors weighing up to 1100 lbs. (500kg). They are ideal for applications such as shop-fronts, hotels, conference centers and offices, where smooth action, high performance and aesthetics are important.

You can choose from wood, aluminum and glass door options, with straight sliding, folding and multidirectional stacking systems. Flexirol multidirectional systems can accommodate 90° and 135° movement. Pacer systems allow 135° movement.

Aluminum track can be painted on site to match interior colors and ceilings. Pacer track has the option of clip-on aluminum fascia.







# HUSKY, PACER AND FLEXIROL FOLDING DOOR SYSTEMS

The use of folding doors is ideal for interior and, in particular, exterior situations where space is limited or where it is desirable to have the door leaves stacked behind a reveal.

With the Pacer and Flexirol folding door systems, flexibility is the key. The range covers everything from internal folding partitions to exterior folding entrance ways.

The Pacer system covers weights up to 143 lbs. (65kg) per leaf. The Flexirol system has a capacity of up to 275 lbs. (125kg). Both systems use high performance components that are extremely durable, ensuring a long, trouble-free operating life.

When considering internal partition systems, specifiers are provided with the option of either centerfold or endfold configurations.

To match the variety of materials used in modern day design, Pacer and Flexirol folding systems cater for doors of glass, wood or metal construction.

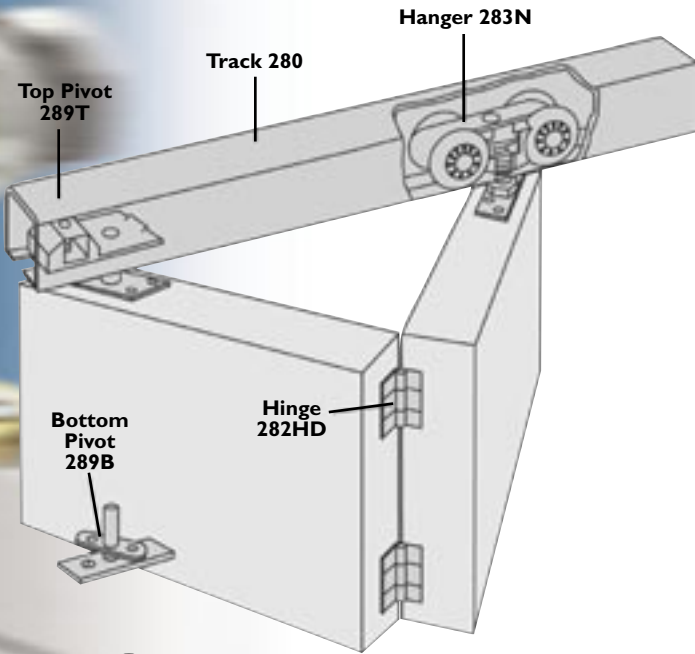




# HUSKY FOLDING 55

FOR FOLDING DOORS AND ROOM DIVIDERS TO 55 lbs.

High quality hardware makes light folding doors efficient and easy-to-use. Two and four leaf kits are available.



**HF2/55 KITS (complete, ready to install) include:**

- 1 ea **280/4** or **280A/4** pre-drilled track, in steel or aluminum, 4 foot lengths
- 1 ea **283N** nylon bodied, acetal wheel hanger
- 1 ea **289T** top pivot
- 1 ea **289B** bottom pivot
- 3 ea **282HD** heavy duty butt hinges

(Kit components can be ordered individually)

**HF4/55 KITS (complete, ready to install) include:**

- 1 ea **280/8** or **280A/8** pre-drilled track, in steel or aluminum, 8 foot lengths
- 2 ea **283N** nylon bodied, acetal wheel hangers
- 2 ea **289T** top pivot
- 2 ea **289B** bottom pivot
- 6 ea **282HD** heavy duty butt hinges

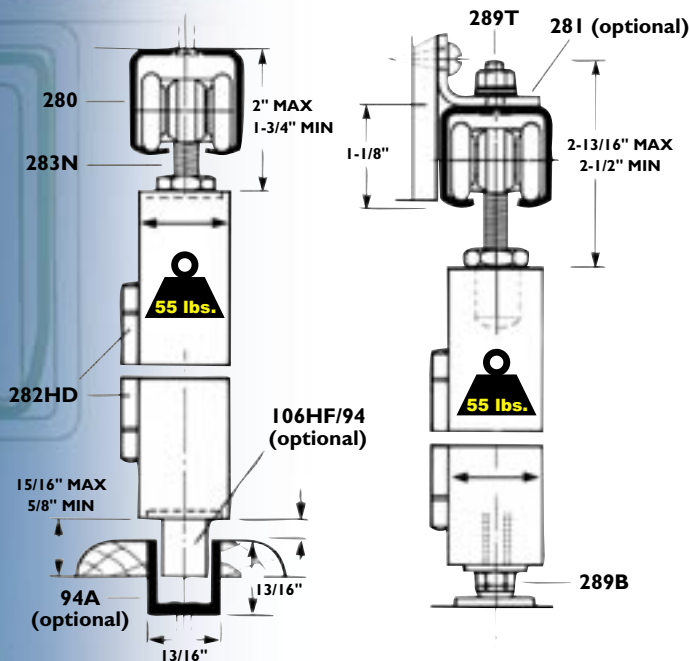
(Kit components can be ordered individually)



Order KITS based on material, length of track and number of leaves:

Kit No.	Track Mat'l / Length	Max Door Leaf Size	Max Opening	No. of Leaves	Door Leaf Thickness
HF2/55/4	steel/4 ft.	96" H x 24" W	48"	2	13/16" - 1-3/4"
HF2/55A/4	aluminum/4 ft.	96" H x 24" W	48"	2	13/16" - 1-3/4"
HF4/55/8	steel/8 ft.	96" H x 24" W	96"	4	13/16" - 1-3/4"
HF4/55A/8	aluminum/8 ft.	96" H x 24" W	96"	4	13/16" - 1-3/4"

**SOFFIT FIXED      FACE FIXED**



**HARDWARE PACK (no. "HF2/55PACK") = KIT w/o track**

- 1 ea **283N** nylon bodied, acetal wheel hanger
- 1 ea **289T** top pivot
- 1 ea **289B** bottom pivot
- 3 ea **282HD** heavy duty butt hinges

(For 4 leaf configurations, order 2 each of the above hardware pack HF2/55PACK)

**OPTIONAL EXTRAS include:**

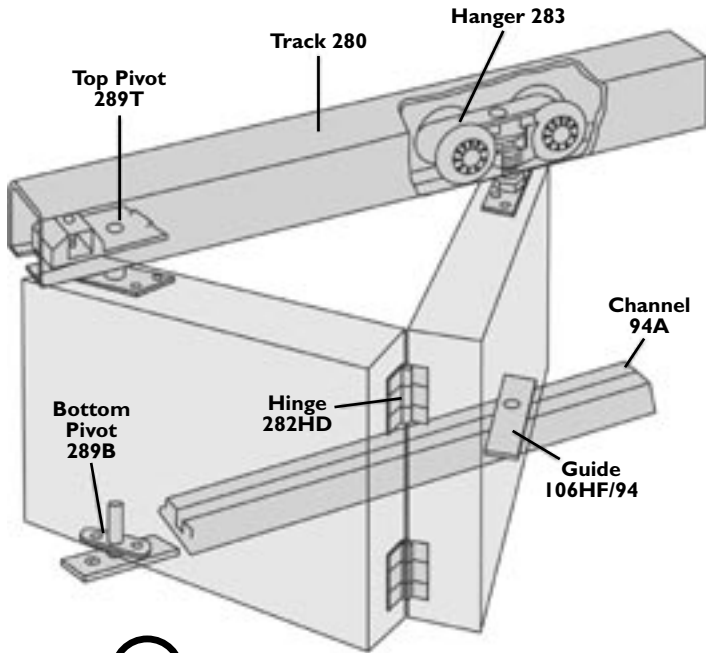
- 2815**      **281** brackets - 5 each
- 106HF/94** roller guide (use w/94A)
- 94A** aluminum floor channel
- 400** aluminum flush pull (4-1/4" x 1-7/8")
- 333** aluminum flush bolt (6" x 1-3/8")

(For door leaves which weigh over 33 lbs. or are wider than 18", order one (for 2 leaf configurations) or two (for 4 leaf configurations) 106HF/94 roller guide(s) and one 94A aluminum floor channel)

# HUSKY FOLDING 100

FOR FOLDING DOORS AND ROOM DIVIDERS TO 100 lbs.

High quality hardware makes medium weight folding doors efficient and easy-to-use. Two and four leaf kits are available.



**HF2/100 KITS (complete, ready to install) include:**

- 1 ea **280/4** or **280A/4** pre-drilled track, in steel or aluminum, 4 feet
  - 1 ea **94A/4** aluminum floor channel, 4 feet
  - 1 ea **283** nylon bodied, needle bearing, acetal wheel hanger
  - 1 ea **289T** heavy duty top pivot
  - 1 ea **289B** heavy duty bottom pivot
  - 3 ea **282HD** heavy duty butt hinges
  - 1 ea **106HF/94** roller guide (use w / 94A)
- (Kit components can be ordered individually)**

**HF4/100 KITS (complete, ready to install) include:**

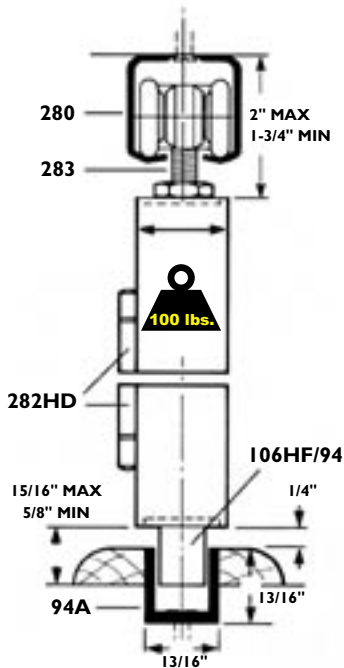
- 1 ea **280/8** or **280A/8** pre-drilled track, in steel or aluminum, 8 feet
  - 1 ea **94A/8** aluminum floor channel, 8 feet
  - 2 ea **283** nylon bodied, needle bearing acetal wheel hangers
  - 2 ea **289T** heavy duty top pivots
  - 2 ea **289B** heavy duty bottom pivots
  - 6 ea **282HD** heavy duty butt hinges
  - 2 ea **106HF/94** roller guides (use w/94A)
- (Kit components can be ordered individually)**



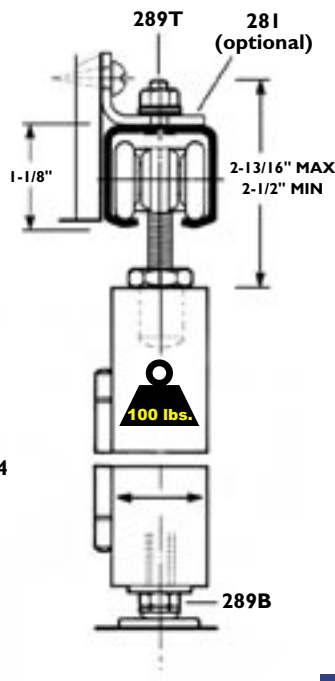
Order KITS based on material, length of track and number of leaves:

Kit No.	Track Mat'l / Length	Max Door Leaf Size	Max Opening	No. of Leaves	Door Leaf Thickness
<b>HF2/100/4</b>	steel/4 ft.	96" H x 24" W	48"	2	13/16" - 1-3/4"
<b>HF2/100A/4</b>	aluminum/4 ft.	96" H x 24" W	48"	2	13/16" - 1-3/4"
<b>HF4/100/8</b>	steel/8 ft.	96" H x 24" W	96"	4	13/16" - 1-3/4"
<b>HF4/100A/8</b>	aluminum/8 ft.	96" H x 24" W	96"	4	13/16" - 1-3/4"

**SOFFIT FIXED**



**FACE FIXED**



**HARDWARE PACK (no. "HF2/100PACK") = KIT w/o track:**

- 1 ea **283** nylon bodied, needle bearing, acetal wheel hanger
- 1 ea **289T** heavy duty top pivot
- 1 ea **289B** heavy duty bottom pivot
- 3 ea **282HD** heavy duty butt hinges
- 1 ea **106HF/94** roller guide (use w/94A)

**(For 4 leaf configurations, order 2 each of the above hardware pack HF2/100PACK)**

**OPTIONAL EXTRAS include:**

- 2815** 281 brackets - 5 each
- 400** aluminum flush pull (4-1/4" x 1-7/8")
- 333** aluminum flush bolt (6" x 1-3/8")



## CAPACITY

**Max. door weight:** 77 lbs. (35kg) (61B hanger)  
 165 lbs. (75kg) (61B/4 hanger)  
**Max. door height:** 8'10" (2700mm)  
**Max. door width:** 2'11" (900mm)  
**Door thickness:** 1<sup>3</sup>/<sub>8</sub>"-1<sup>5</sup>/<sub>16</sub>" (35mm-50mm)

## APPLICATIONS

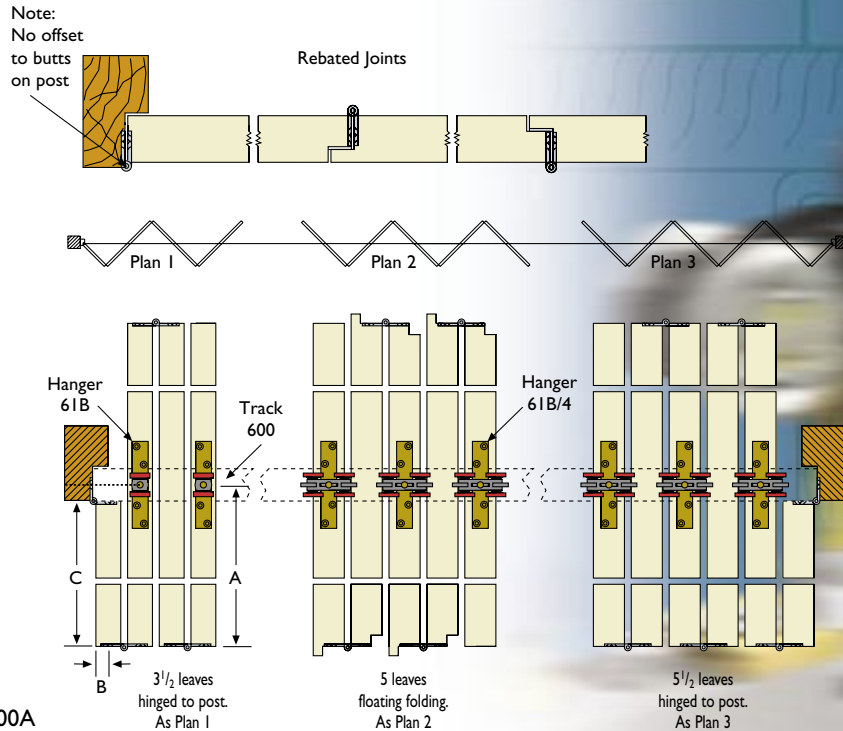
Top-hung Pacer gear and fittings for center folding wood partition doors. Leaves are hung centrally and can fold to one or both sides. For applications hinged to the jamb, 3<sup>1</sup>/<sub>2</sub>, 5<sup>1</sup>/<sub>2</sub> or 7<sup>1</sup>/<sub>2</sub> leaves can be used with the half-leaf hinged to the jamb. For best operation of floating units, 5, 7 or 9 leaves should be used. Any access door should be hinged separately to the jamb.

## DOOR TYPES

Residential and commercial wood doors.

## TECHNICAL INFORMATION

<b>Track:</b>	Aluminum Available in 6', 8', 10', and 16'5", lengths	600A
<b>Brackets:</b>	Face fix Jointing bracket	IB IBX
<b>Hangers:</b>	Two-wheeled hanger Four-wheeled hanger	61B 61B/4
<b>Guides:</b>	Nylon guide roller	106N/94
<b>Guide Channel:</b>	Brass Aluminum 94 channel available in 4'11" (1.5 meter) and 9'10" (3 meter) lengths. 94A channel available in 6', 8', and 12' lengths.	94 94A
<b>Hinges:</b>	Butt hinges	403
<b>Accessories:</b>	Flush pull Flush bolts Narrow flush bolt and keep	400 333/454 F3715 & F3734



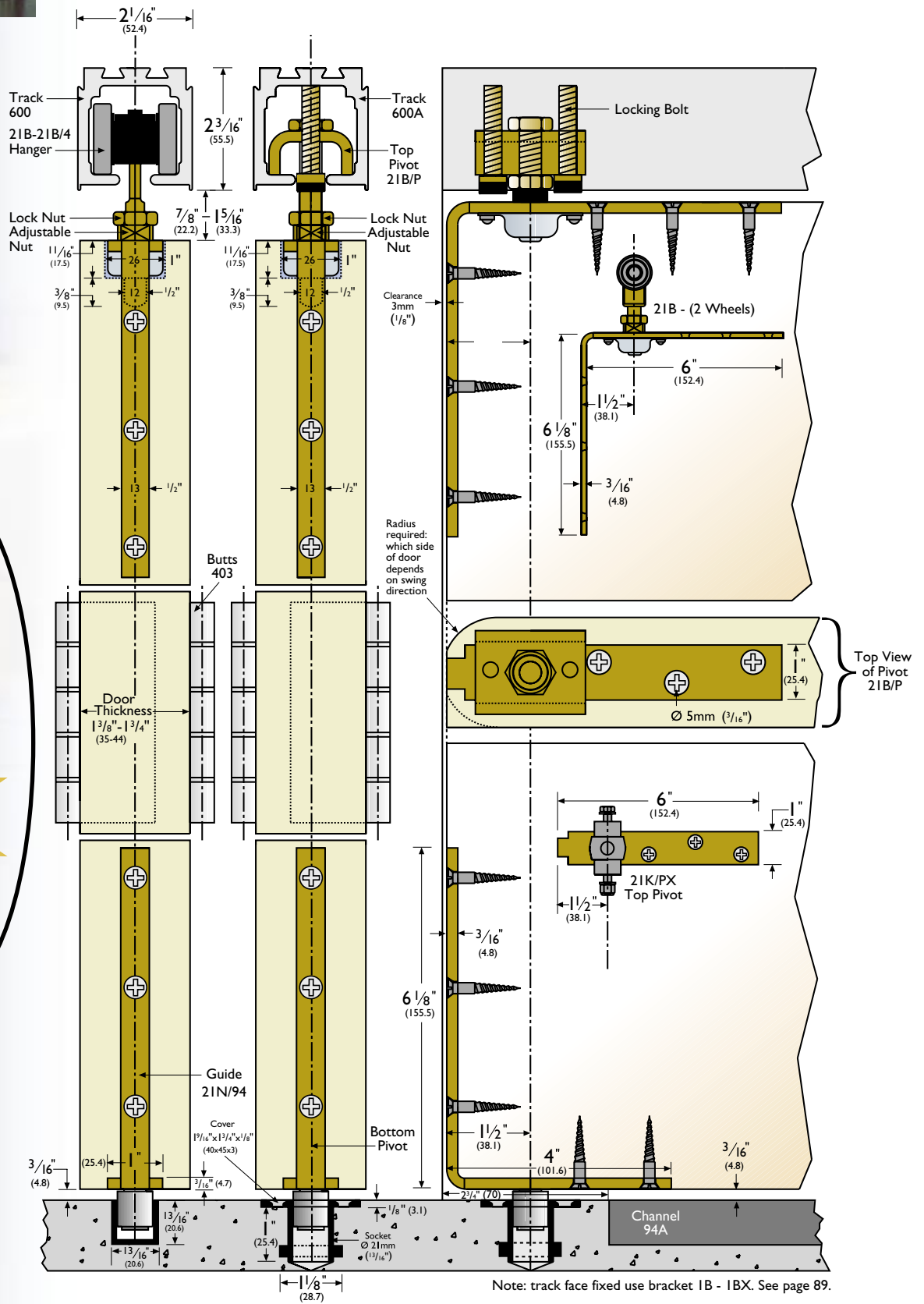
All full leaves are of equal width.  
 A pivoting half-leaf (dimension C) is half the width of a full leaf (dimension A), less half of the leaf thickness (dimension B).







# PACER INTERIOR ENDFOLD FOR WOOD DOORS



Use in Place of  
 401/402/403 Hinges:  
**PemkoHinge™**  
 Continuous Gears  
 Aluminum  
 Hinges

## CAPACITY

Max. door weight: 77 lbs. (35kg) (21B hanger)  
 165 lbs. (75kg) (21B/4 hanger)  
 165 lbs. (75kg) (21BO/4 hanger)  
 Max. door height: 8'10" (2700mm)  
 Max. door width: 2'11" (900mm)  
 Door thickness: 1 3/8"-1 3/4" (35mm-44mm)

## APPLICATIONS

Pacer Endfold offers both two-wheeled and four-wheeled hangers to cover a wide range of residential and commercial applications. Leaves can be hung to the left or the right of an opening, or hung as floating units. In applications using the four-wheeled hanger with an even number of leaves folding left and right meeting in the center of the opening, an offset hanger is required (Plan 4).

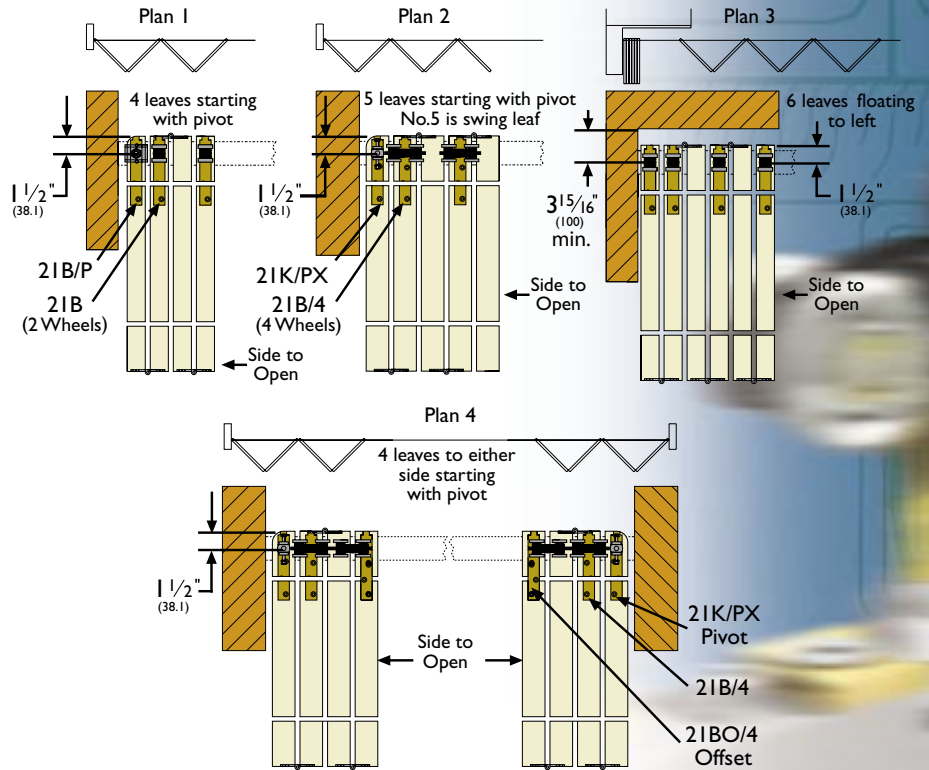
## DOOR TYPES

Residential and commercial wood doors.

## TECHNICAL INFORMATION

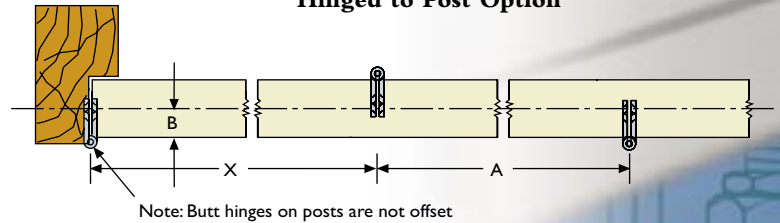
<b>Track:</b>	Aluminum Available in 6', 8', 10', and 16'5", lengths	600A
<b>Brackets:</b>	Face fix Joining bracket	1B 1BX
<b>Hangers:</b>	Two-wheeled hanger Four-wheeled hanger Four-wheeled offset hanger	21B 21B/4 21BO/4
<b>Pivots:</b>	For door widths between 1"-1 3/8" (25-34mm) For door widths between 1 3/8"-1 3/4" (35-44mm)	21K/PX 21B/P
<b>Guides:</b>	Nylon end guide roller	21N/94
<b>Guide Channel:</b>	Brass Aluminum	94 94A
<b>Hinges:</b>	Butt hinges	403
<b>Accessories:</b>	Flush pull Flush bolts Narrow flush bolt and keep	400 333/454 F3715 & F3734

\* **Note:** Using a pivot allows leaves to be of equal width.



Note: Hangers and guides are to be fitted to alternate leaves only.

### Hinged to Post Option



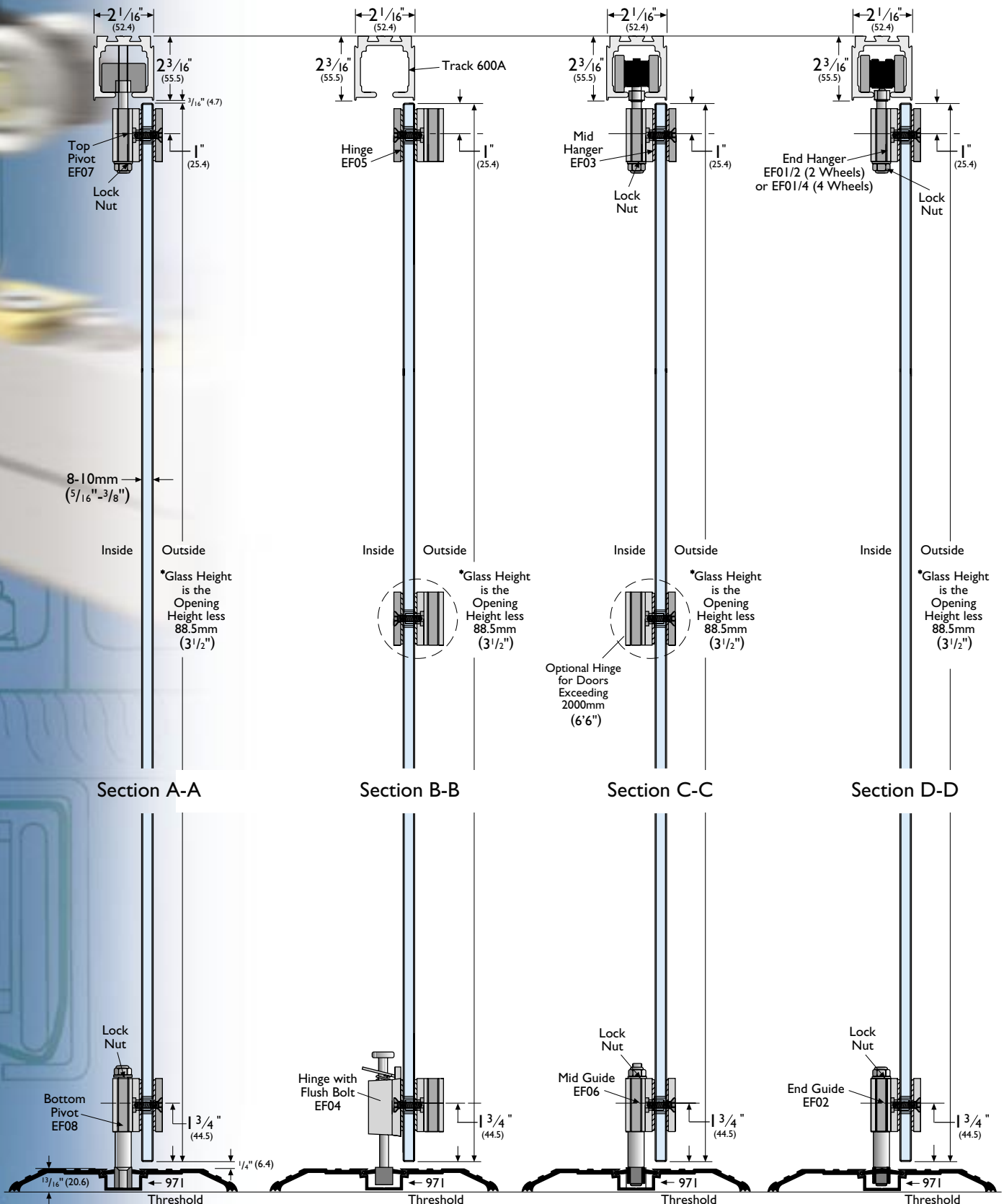
Note: Butt hinges on posts are not offset

All leaves are of equal width except the leaf hinged to the post.  
 The dimension for the leaf hinged to the post (X) is,  
 A, less B (half the leaf thickness), less 1 1/2" (38mm).

**Formula:**  $X = (A - B) - 1\frac{1}{2}"$  (38mm)



# PACER ENDFOLD FOR GLASS DOORS



\* In Combination with 971 Glass Height is the Opening Height less 67.5mm (2 5/8")

\* For Glass Dimensions and Cutting Please Contact P C Henderson Technical Sales.



## CAPACITY

- Max. panel weight: 99 lbs. (45kg)
- Max. panel height: 7'10" (2400mm)
- Max. panel width: 2'6" (750mm)
- Panel thickness: 5/16" (8mm) or 3/8" (10mm)

## APPLICATIONS

Pacer Endfold for glass is a system designed for both interior and exterior applications. Panels and hinges are connected using a system of glass hinges.

## DOOR TYPES

Glass panels of 5/16" (8mm) or 3/8" (10mm) thickness in tempered glass.

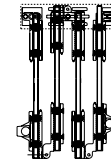
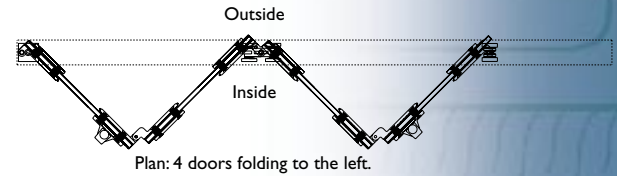
## TECHNICAL INFORMATION

<u>Track:</u>	Aluminum	600A
	Available in 6', 8', 10', and 16'5", lengths	
<u>Brackets:</u>	Face fix	IB
	Jointing bracket	IBX
<u>Hangers:</u>	Two-wheeled end hanger with single hinge*	EF01/2
	Four-wheeled intermediate hanger with double hinge*	EF03
	Four-wheeled end hanger with single hinge*	EF01/4
<u>Hinges:</u>	Double hinge	EF05
<u>Pivots:</u>	Top pivot with single hinge*	EF07
	Bottom pivot with single hinge*	EF08
<u>Guides:</u>	End guide with single hinge*	EF02
	Intermediate guide with double hinge*	EF06
<u>Guide Channel:</u>	Brass	94
	Aluminum	94A
<u>Accessories:</u>	Double hinge with spring-loaded foot operated bolt	EF04
	Sliding door lock for glass panels	618
	Sliding door receiving lock	619
	Spring-loaded foot operated bolt	EF09

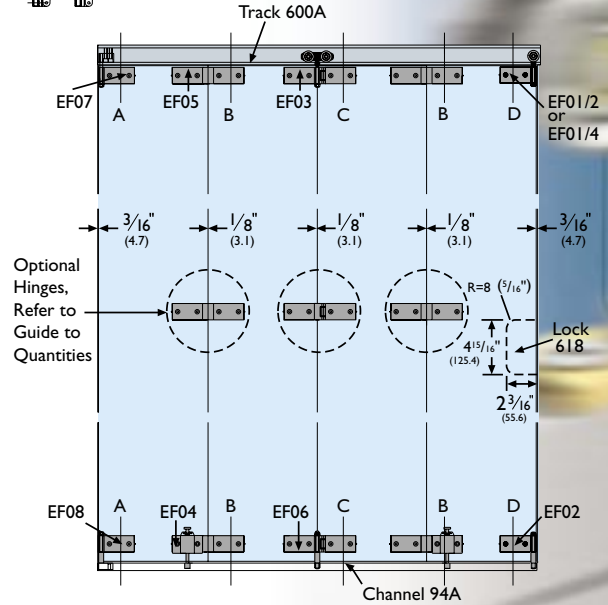
\* All with stainless steel strapbolt/spindle.

## GLASS WEIGHT

3/8" glass	5.05 lbs./sq. ft.
1/2" glass	6.4 lbs./sq. ft.



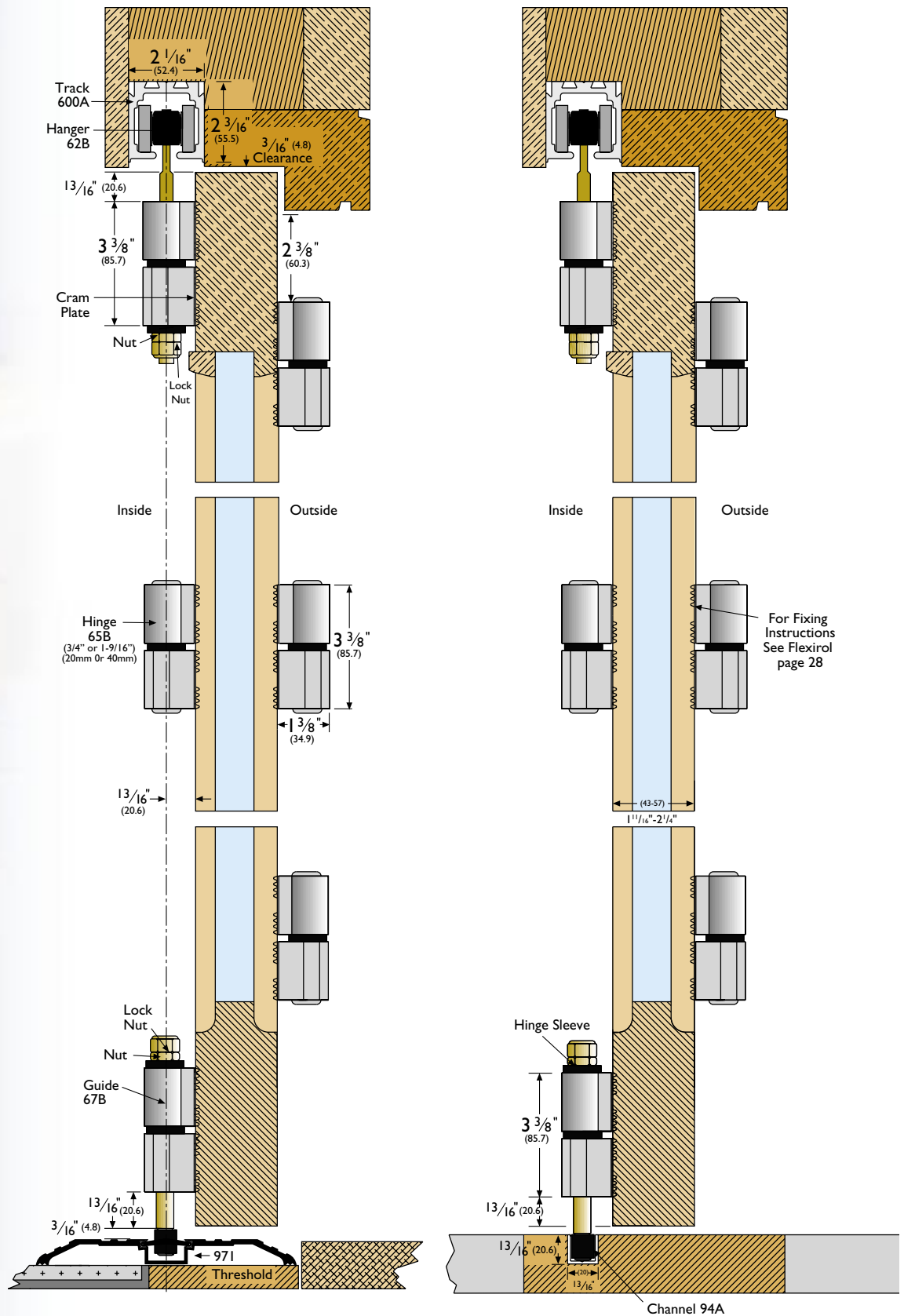
For Glass Dimensions and Cutting  
Please Contact P C Henderson Technical Sales.



\* For other options see Guide to Quantities



# PACER EXTERIOR ENDFOLD FOR WOOD DOORS



## CAPACITY

**Max. door weight:** 143 lbs. (65kg)

**Max. door height:** 9'10" (3000mm)

**Max. door width:** 2'11" (900mm)

**Door thickness:** 1 1/16"-2 1/4" (43mm-57mm)

## APPLICATIONS

Top-hung Pacer gear for end folding exterior doors in wood. Pacer Endfold offers four-wheeled hangers with offset option to cover a wide range of residential and commercial applications. In applications using the four-wheeled hanger with an even number of leaves folding left and right meeting in the center of the opening, an offset hanger is required.

## DOOR TYPES

Residential and commercial wood doors.

## TECHNICAL INFORMATION

**Track:** Aluminum  
Available in 6', 8', 10', and 16'5", lengths

**Brackets:** Face fix  
Joining track

**Hangers:** Intermediate hanger for wood doors with 5 13/16" (148mm) strapbolt, no hinge  
End hanger for wood doors with 4 1/16" (104mm) strapbolt, no hinge  
Offset end hanger for all doors with 4 1/2" (114mm) strapbolt, no hinge

**Guides:** Intermediate guide for wood doors with 5 15/16" (150mm) spindle, no hinge  
End guide for wood doors with 4 3/16" (110mm) spindle, no hinge

**Guide Channel:** Brass  
Aluminum

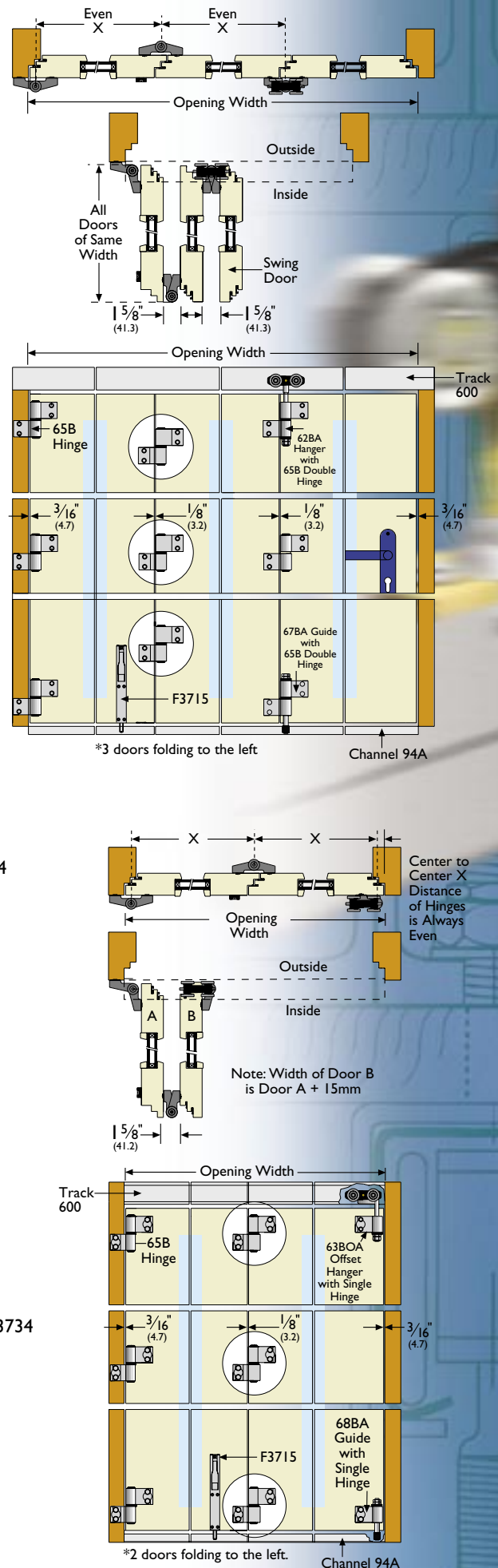
**Hinges:†** 1 3/16" (20mm) single hinge for wood/aluminum doors  
1 3/16" (20mm) double hinge for wood/aluminum doors  
1 9/16" (40mm) single hinge for wood/aluminum doors  
1 9/16" (40mm) double hinge for wood/aluminum doors  
1 3/16"-1 9/16" (20-40mm) double hinge for wood/aluminum frames

**Accessories:** Flush pull  
Flush bolts  
Narrow flush bolt and keep

† Refer to page 110 for hinge installation.



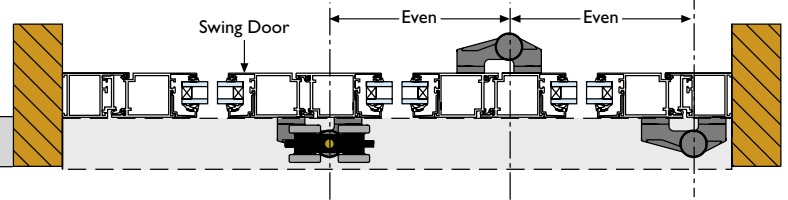
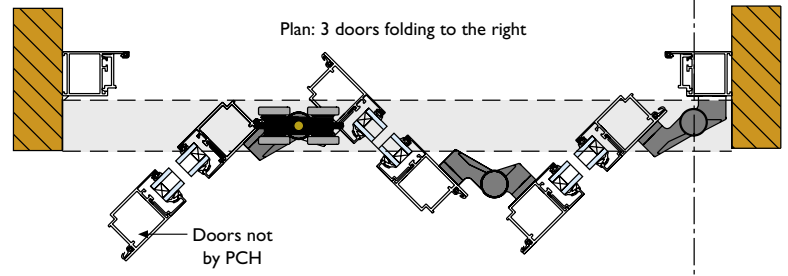
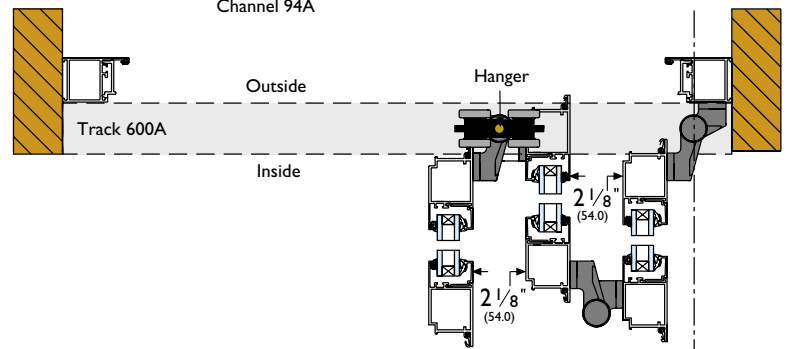
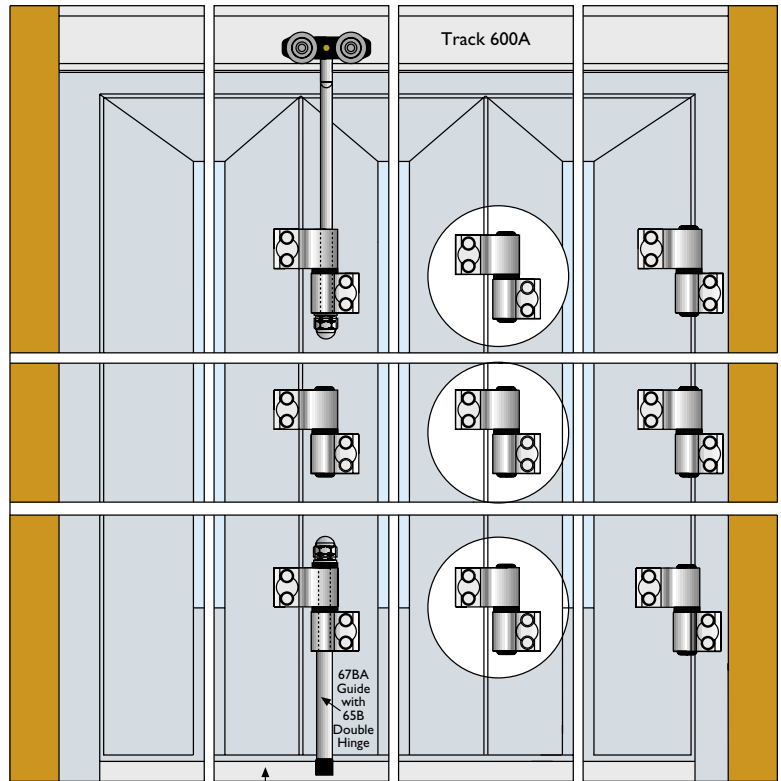
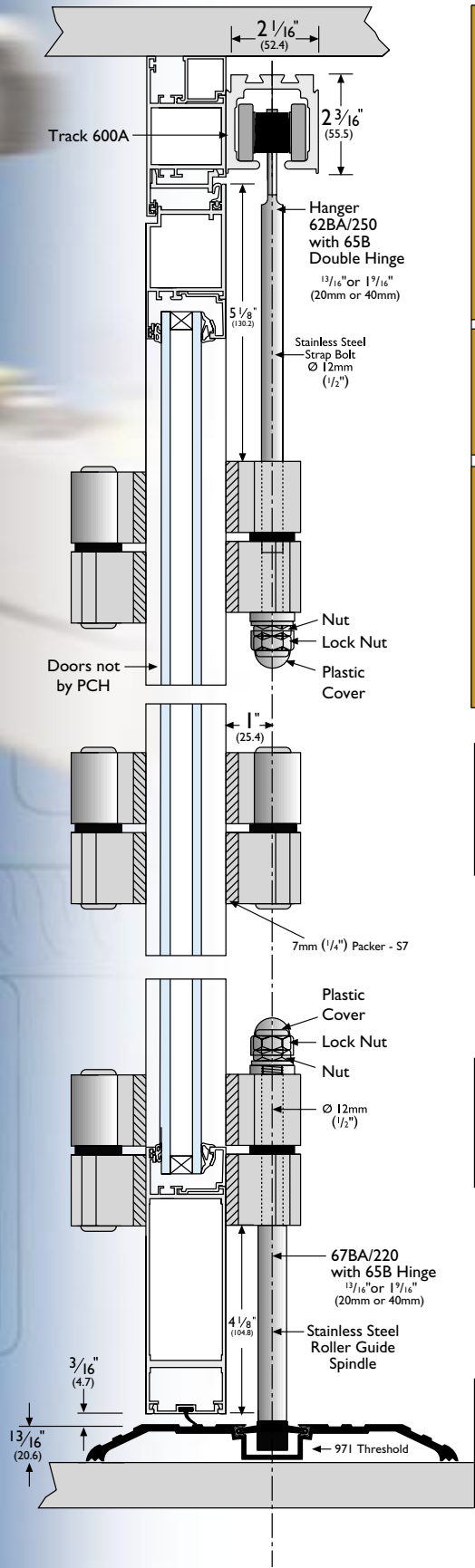
Hinges for hangers and guides must be ordered separately. Use a single hinge for end hangers and guides, double hinge for intermediate hangers and guides.







# PACER EXTERIOR ENDFOLD FOR ALUMINUM DOORS



## CAPACITY

- Max. door weight: 143 lbs. (65kg)
- Max. door height: 9'10" (3000mm)
- Max. door width: 2'11" (900mm)
- Door thickness: 1<sup>3</sup>/<sub>8</sub>"-1<sup>5</sup>/<sub>16</sub>" (35mm-50mm)

## APPLICATIONS

Top-hung Pacer gear for end folding exterior doors in aluminum. Pacer Endfold offers four-wheeled hangers with an offset option to cover a wide range of residential and commercial applications. In applications with an even number of leaves folding left and right meeting in the center of the opening, an offset hanger is required.

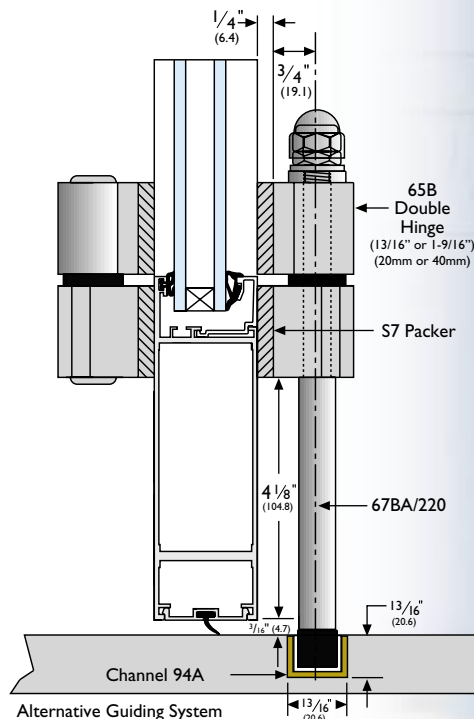
## DOOR TYPES

Pacer Exterior Endfold is suitable for both residential and commercial aluminum doors. **Fixing components are not supplied as standard for aluminum doors.**

## TECHNICAL INFORMATION

- Track:** Aluminum  
Available in 6', 8', 10', and 16'5", lengths
- Brackets:** Face fix  
Joining track
- \*Hangers:** Intermediate hanger for aluminum doors with no hinge 5<sup>13</sup>/<sub>16</sub>" (148mm)/9<sup>15</sup>/<sub>16</sub>" (250mm) strapbolt  
End hanger for aluminum doors with no hinge 5<sup>1</sup>/<sub>2</sub>" (140mm)/8<sup>1</sup>/<sub>16</sub>" (205mm) strapbolt  
Offset end hanger for all doors with no hinge 4<sup>1</sup>/<sub>2</sub>" (114mm) strapbolt
- \*Guides:** Intermediate guide for aluminum doors with no hinge 5<sup>15</sup>/<sub>16</sub>" (150mm)/8<sup>11</sup>/<sub>16</sub>" (220mm) spindle  
End guide for aluminum doors with no hinge 4<sup>5</sup>/<sub>16</sub>" (110mm)/7<sup>1</sup>/<sub>16</sub>" (180mm) spindle
- Guide Channel:** Brass  
Aluminum
- Hinges:** 1<sup>3</sup>/<sub>16</sub>" (20mm) single hinge for wood/aluminum doors  
1<sup>3</sup>/<sub>16</sub>" (20mm) double hinge for wood/aluminum doors  
1<sup>9</sup>/<sub>16</sub>" (40mm) single hinge for wood/aluminum doors  
1<sup>9</sup>/<sub>16</sub>" (40mm) double hinge for wood/aluminum doors  
1<sup>3</sup>/<sub>16</sub>"-1<sup>9</sup>/<sub>16</sub>" (20-40mm) double hinge for wood/aluminum frames
- Accessories:** Flush pull  
Flush bolts  
Narrow flush bolt and keep

\* All with stainless steel strapbolt/spindle.

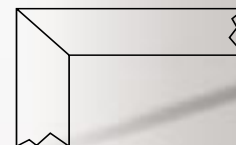
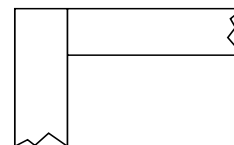


600A

**Squared Joint**

**Mitred Joint**

IB  
IBX



62BA/148

62BA/250

63BA/104

63BA/205

63BOA/114

63BOA/114

67BA/150

67BA/220

68BA/110

68BA/180

94

94A

65B/20/1

65B/20

65B/40/1

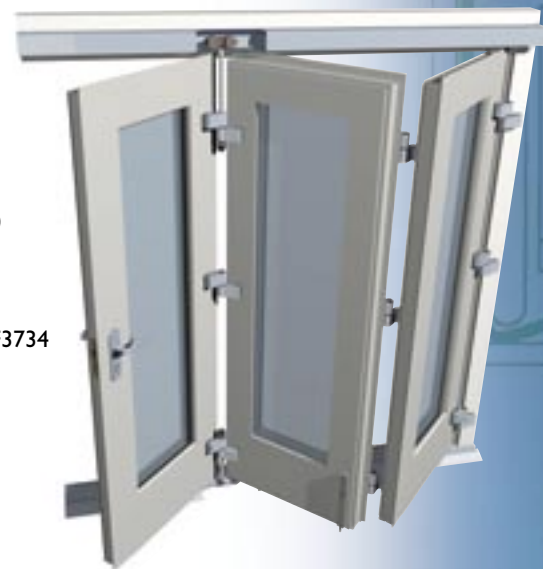
65B/40

65B/20-40

400

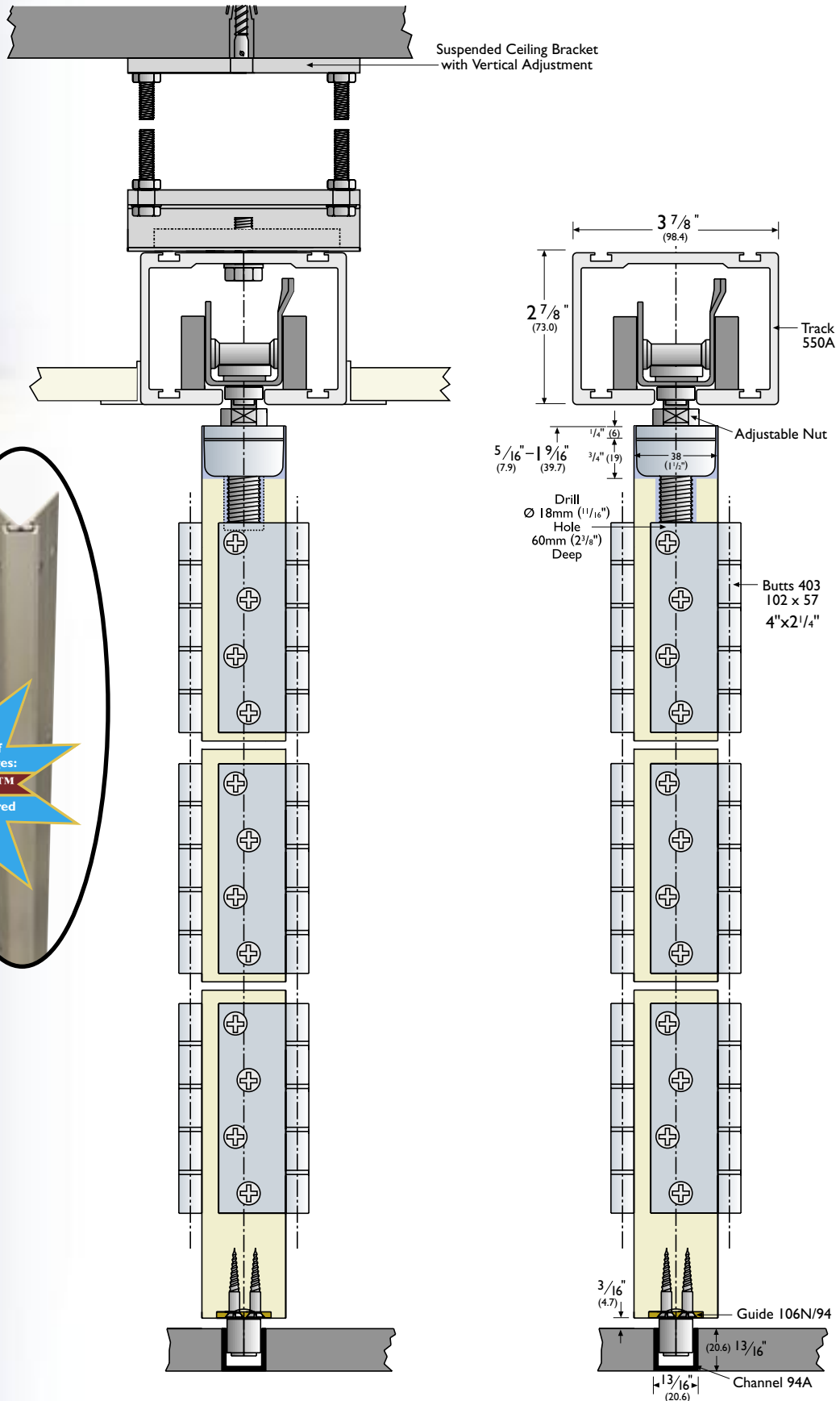
333/454

F3715 & F3734



Hinges for hangers and guides must be ordered separately. Use a single hinge for end hangers and guides, double hinge for intermediate hangers and guides.

# FLEXIROL INTERIOR CENTERFOLD FOR WOOD DOORS



Use in Place of  
401/402/403 Hinges:  
**PemkoHinge™**  
Continuous Geared  
Aluminum  
Hinges



## CAPACITY

Max. door weight: 275 lbs. (125kg)

Max. door height: 14'9" (4500mm)

Max. door width: 4' (1200mm)

Door thickness: 1 1/16"-2 1/4" (43mm-57mm)

## APPLICATIONS

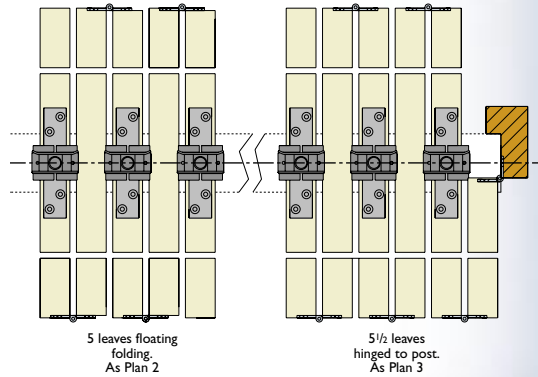
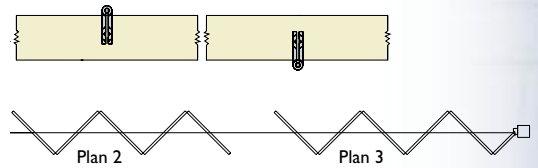
Top-hung Flexirol gear and fittings for center folding wood partition doors. Leaves are hung centrally and can fold to one or both sides. For applications hinged to the jamb, 3 1/2, 5 1/2 or 7 1/2 leaves can be used with the half-leaf hinged to the jamb. For best operation of floating units, 5, 7 or 9 leaves should be used. Any access door should be hinged separately to the jamb.

## DOOR TYPES

Heavy commercial wood doors.

## TECHNICAL INFORMATION

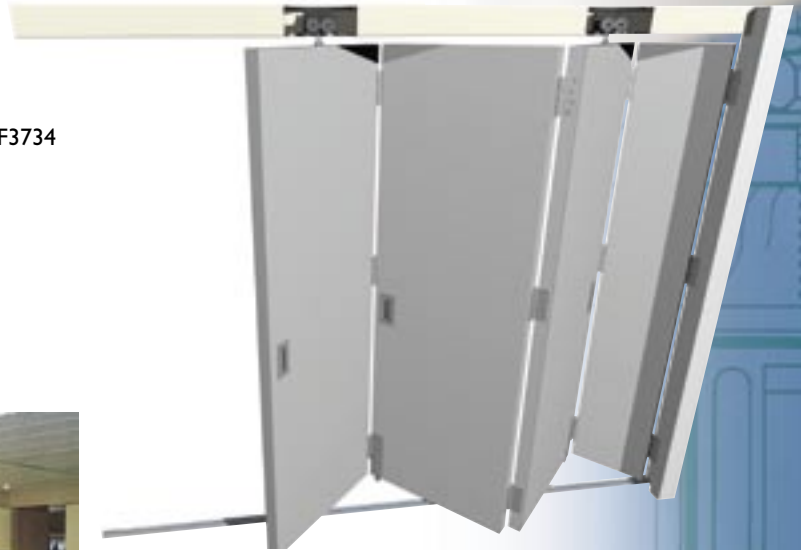
<u>Track:</u>		550A
<u>Brackets:</u>	Face fix	1A/550
	Soffit fix	3S/550
<u>Hangers:</u>	Wood doors	556/61
<u>Guides:</u>	Nylon roller guide	106N/94
<u>Guide Channel:</u>	Brass	94
	Aluminum	94A
<u>Hinges:</u>	Butt hinges	403
<u>Accessories:</u>	Flush pull	400
	Flush bolts	333/454
	Narrow flush bolt and keep	F3715 & F3734



All full leaves are of equal width.

A pivoting half-leaf (dimension C) is half the width of a full leaf (dimension A), less half of the leaf thickness (dimension B).

Note: Hangers and guides are to be fitted to alternate leaves only.





## CAPACITY

Max. door weight: 275 lbs. (125kg)

Max. door height: 14'9" (4500mm)

Max. door width: 4' (1200mm)

Door thickness: 1 1/16"-2 1/4" (43mm-57mm)

## APPLICATIONS

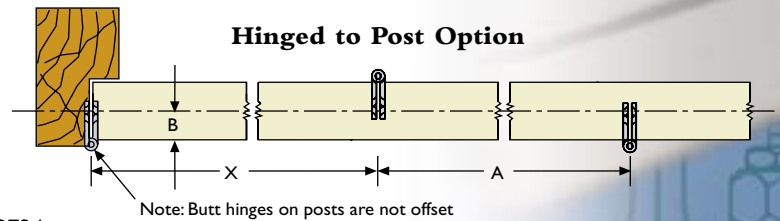
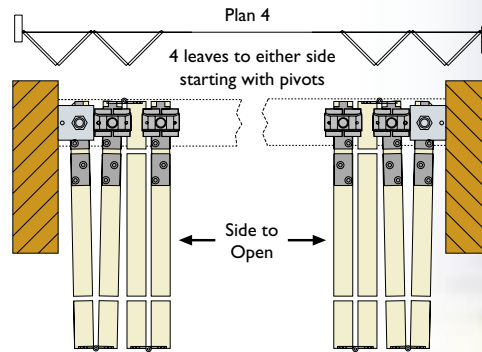
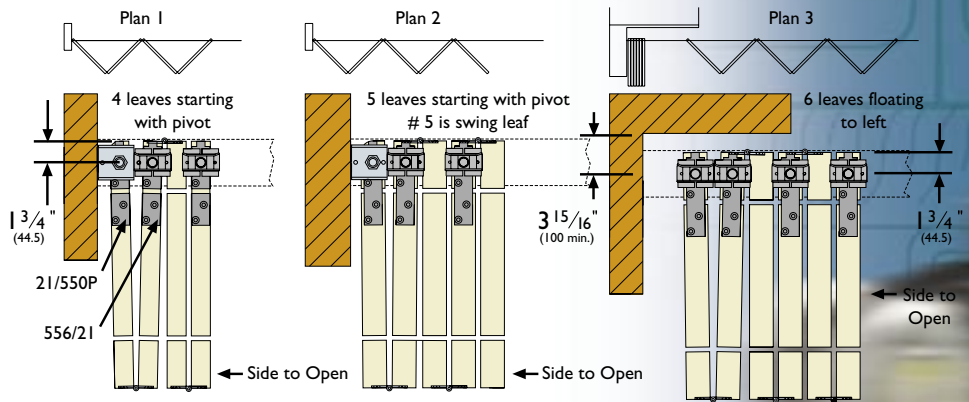
Top-hung Flexirol gear and fittings for end folding wood partition doors. Leaves can be hung to the left or right of an opening or hung as floating units.

## DOOR TYPES

Heavy commercial wood doors.

## TECHNICAL INFORMATION

<u>Track:</u>		550
	(see component section for range of finishes)	
<u>Brackets:</u>	Face fix	1A/550
	Soffit fix	3S/550
<u>Hangers:</u>	Wood doors	556/21
<u>Pivots:</u>	Wood doors	21/550P
<u>Guides:</u>	Brass end guide roller	21R/94
<u>Guide Channel:</u>	Brass	94
	Aluminum	94A
<u>Hinges:</u>	Butt hinges	403
<u>Accessories:</u>	Flush pull	400
	Flush bolts	333/454
	Narrow flush bolt and keep	F3715 & F3734



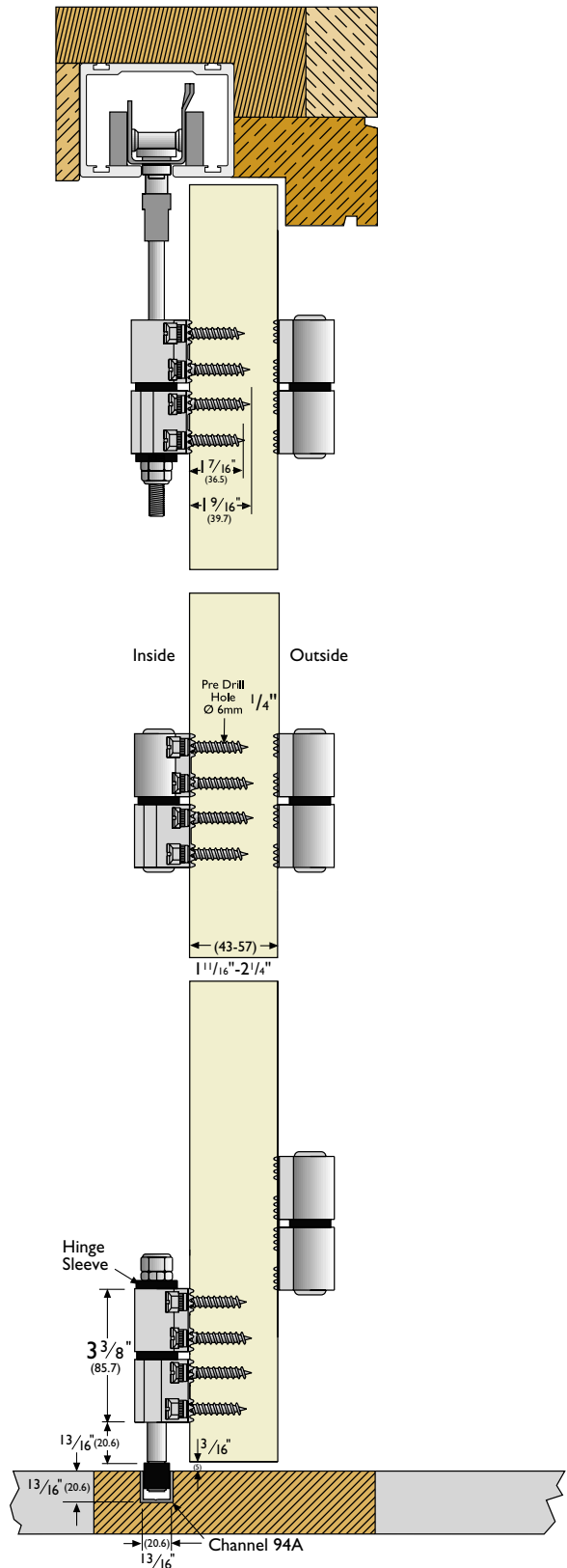
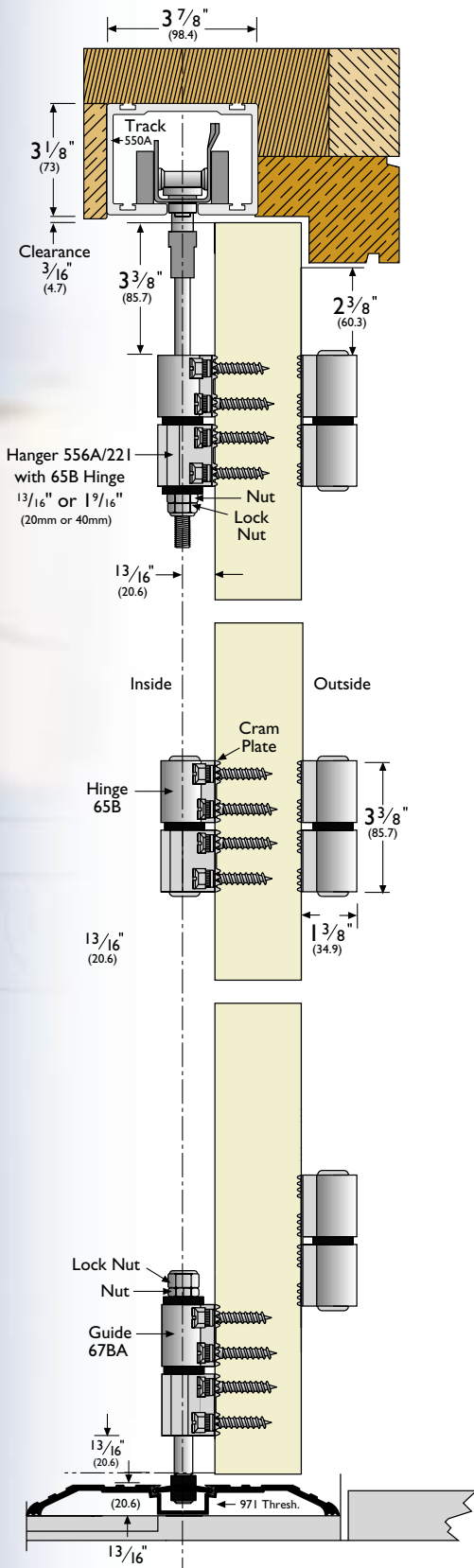
All leaves are of equal width except the leaf hinged to the post. The dimension for the leaf hinged to the post (X) is, A, less B (half the leaf thickness), less 45mm (1 3/4").

$$\text{Formula: } X = (A - B) - 45\text{mm } (1\frac{3}{4}\text{'})$$





# FLEXIROL EXTERIOR ENDFOLD FOR WOOD DOORS





## CAPACITY

**Max. door weight:** 275 lbs. (125kg)  
**Max. door height:** 14'9" (4500mm)  
**Max. door width:** 4' (1200mm)  
**Door thickness:** 1 1/16"-2 1/4" (43mm-57mm)

## APPLICATIONS

Top-hung Flexirol gear and fittings for heavy end folding wood doors. Leaves can be hung to the left or right of an opening.

## DOOR TYPES

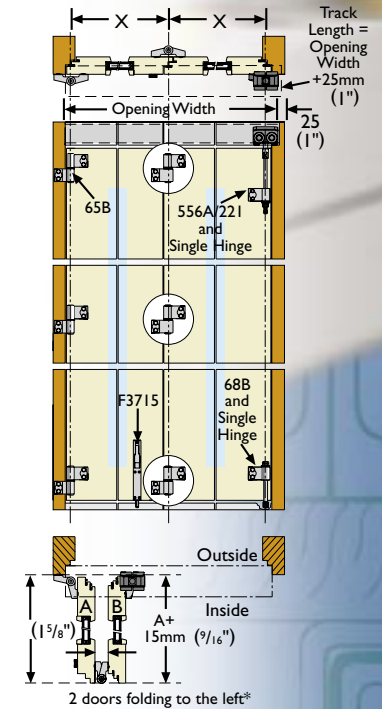
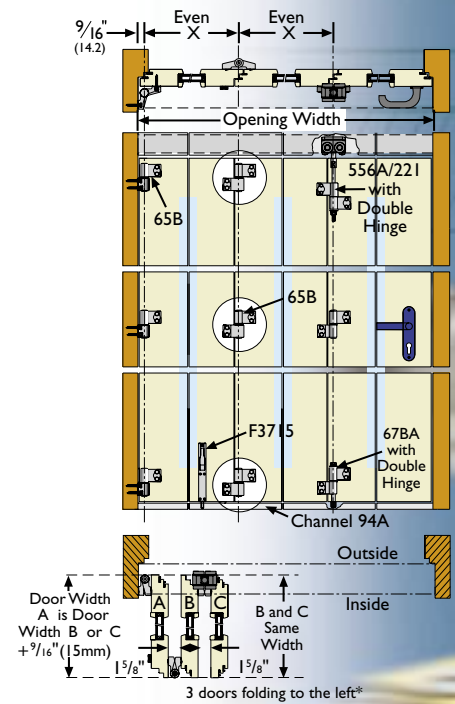
Heavy commercial wood doors.

## TECHNICAL INFORMATION

<b>Track:</b>	Aluminum	550A
<b>Brackets:</b>	Face fix Joining track	1A/550 3S/550
<b>Hangers:</b>	Intermediate or end hanger for wood/ aluminum doors with 8 3/4" (221mm) strapbolt, no hinge	556A/221
<b>Guides:</b>	Intermediate guide for wood doors with 5 15/16" (150mm) spindle, no hinge End guide for wood doors with 4 5/16" (110mm) spindle, no hinge	67BA/150 68BA/110
<b>Guide Channel:</b>	Brass Aluminum	94 94A
<b>Hinges:†</b>	1 3/16" (20mm) single hinge for wood/aluminum doors 1 3/16" (20mm) single hinge for wood/aluminum doors 1 9/16" (40mm) single hinge for wood/aluminum doors 1 9/16" (40mm) double hinge for wood/aluminum doors 1 3/16"-1 9/16" (20-40mm) double hinge for wood/aluminum frames	65B/20/1 65B/20 65B/40/1 65B/40 65B/20-40
<b>Accessories:</b>	Flush pull Flush bolts Narrow flush bolt and keep	400 333/454 F3715 & F3734

\* All with stainless steel strapbolt/spindle.

† Refer to page 110 for hinge installation.

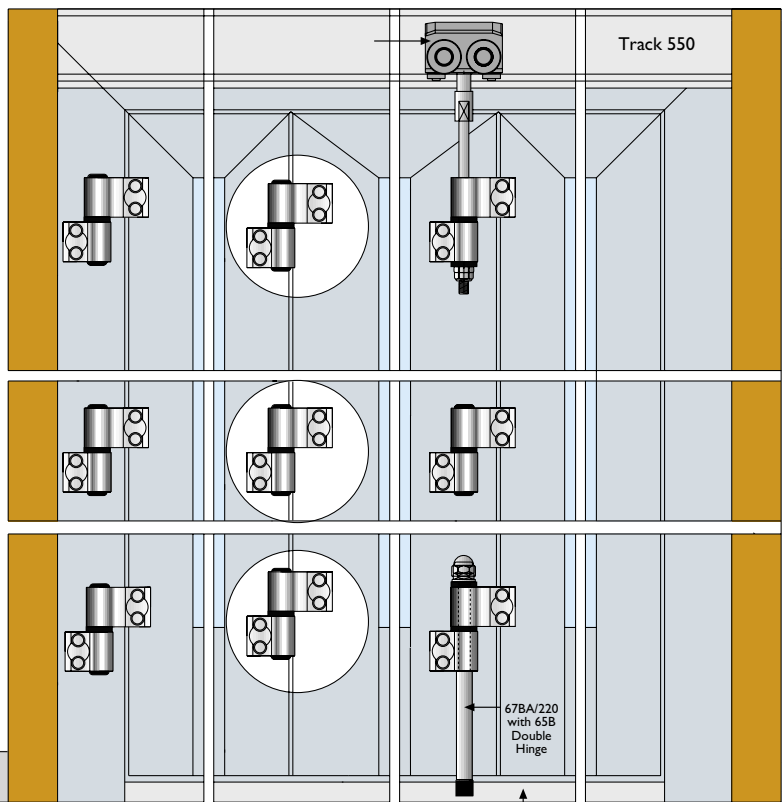
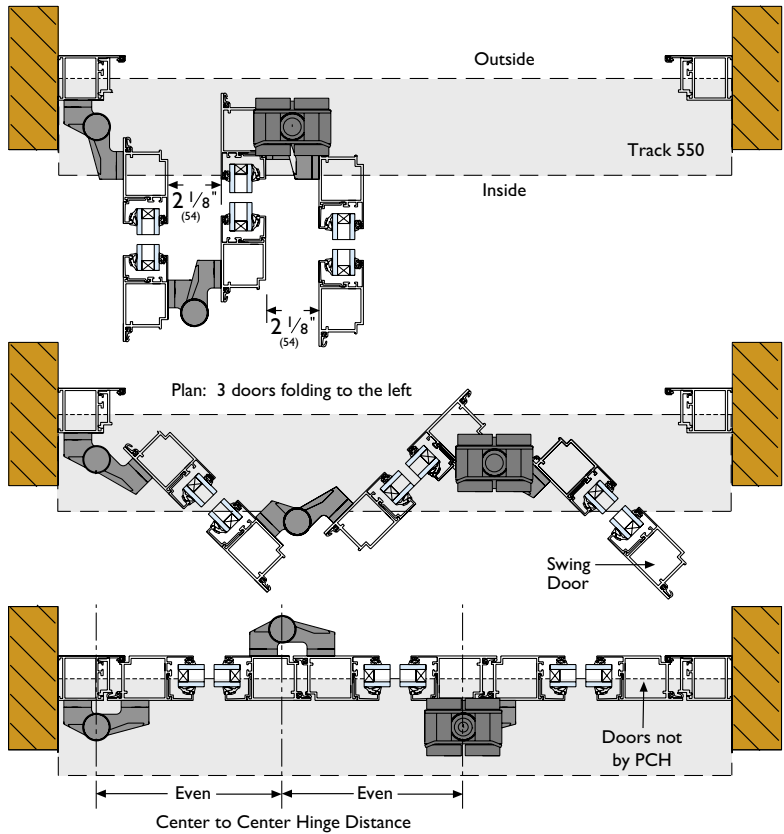
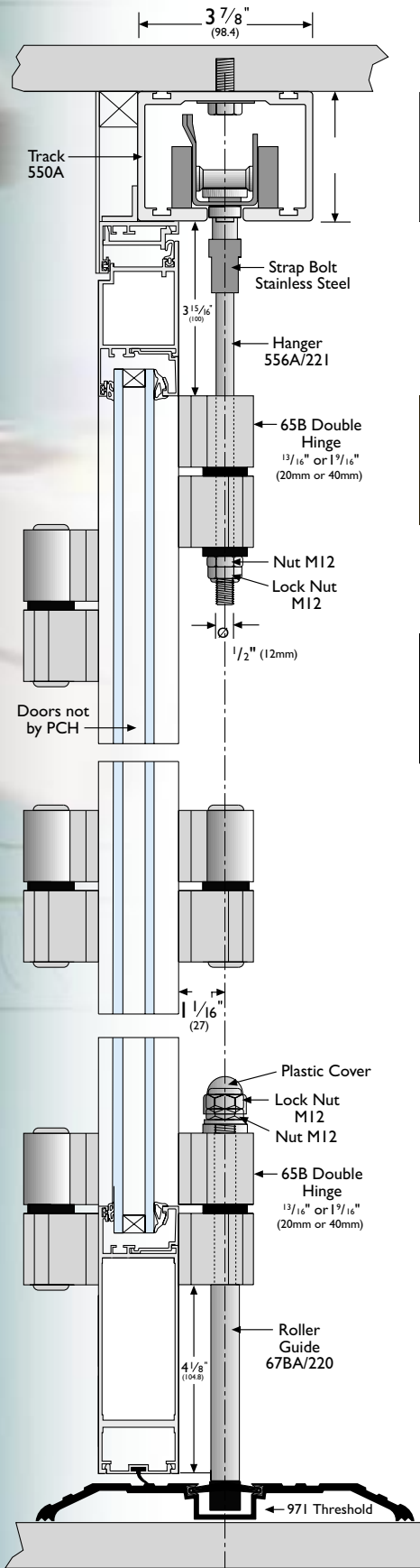


\* For other options see Hinge Installation page 110.



Hinges for hangers and guides must be ordered separately. Use a single hinge for end hangers and guides, double hinge for intermediate hangers and guides.

# FLEXIROL EXTERIOR ENDFOLD FOR ALUMINUM DOORS



## CAPACITY

- Max. door weight:** 275 lbs. (125kg)
- Max. door height:** 14'9" (4500mm)
- Max. door width:** 4' (1200mm)
- Door thickness:** 1 1/16"-2 1/4" (43mm-57mm)

## APPLICATIONS

Top-hung Flexirol gear and fittings for end folding aluminum doors. Leaves can be hung to the left or right of an opening.

## DOOR TYPES

Flexirol Exterior Endfold is suitable for aluminum doors  
**Fixing components are not supplied as standard for aluminum doors.**

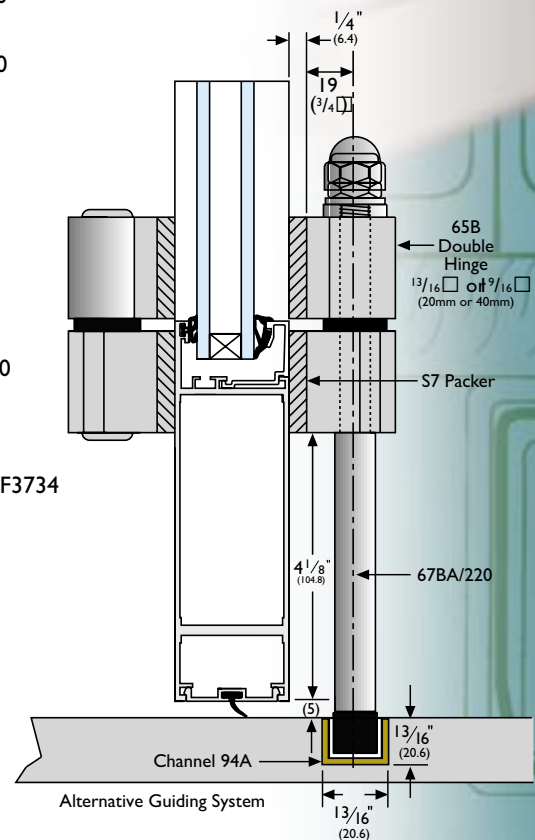


## TECHNICAL INFORMATION

<b>Track:</b>	Aluminum	550A
<b>Brackets:</b>	Face fix	1A/550
	Joining track	3S/550
<b>Hangers:</b>	Intermediate or end hanger for wood/ aluminum doors with 8 3/4" (221mm) strapbolt, no hinge	556A/221
<b>Guides:</b>	Intermediate guide for aluminum with 5 15/16" (150mm) spindle, no hinge	67BA/220
	End guide for aluminum doors with 4 5/16" (110mm) spindle, no hinge	68BA/180
<b>Guide Channel:</b>	Brass	94
	Aluminum	94A
<b>Hinges:†</b>	1 3/16" (20mm) single hinge for aluminum doors	65B/20/1
	1 3/16" (20mm) double hinge for aluminum doors	65B/20
	1 9/16" (40mm) single hinge for aluminum doors	65B/40/1
	1 9/16" (40mm) double hinge for aluminum doors	65B/40
	1 3/16"-1 9/16" (20-40mm) double hinge for aluminum frames	65B/20-40
<b>Accessories:</b>	Flush pull	400
	Flush bolts	333/454
	Narrow flush bolt and keep	F3715 & F3734
	1/4" (7mm) packer	S7

\* All with stainless steel strapbolt/spindle.

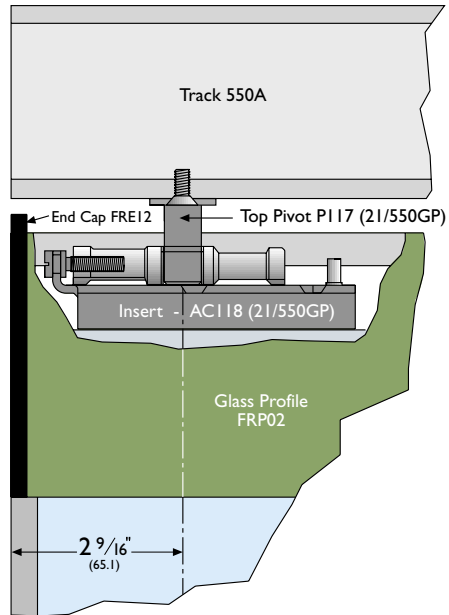
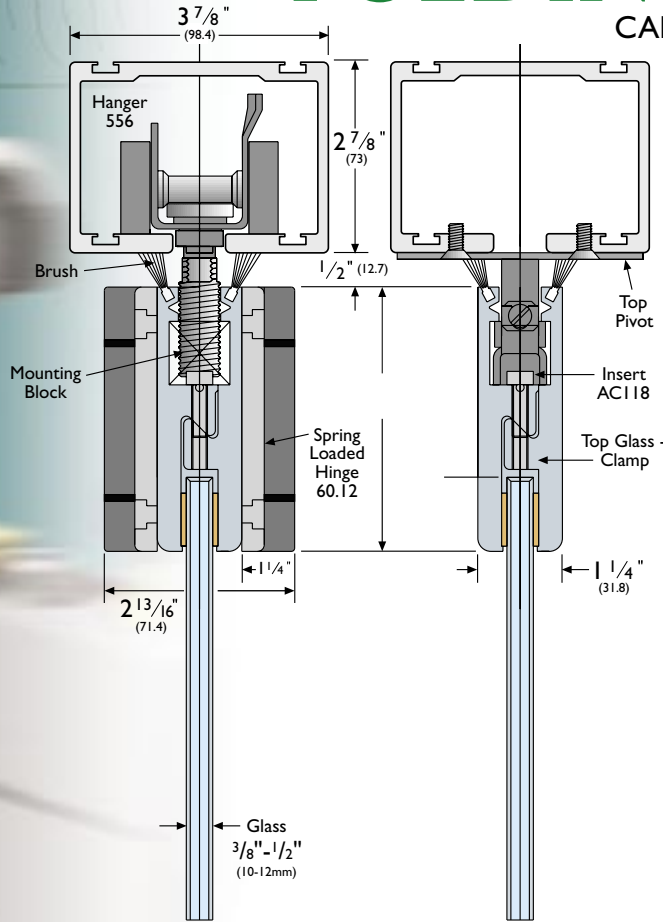
† Refer to page 110 for hinge installation.



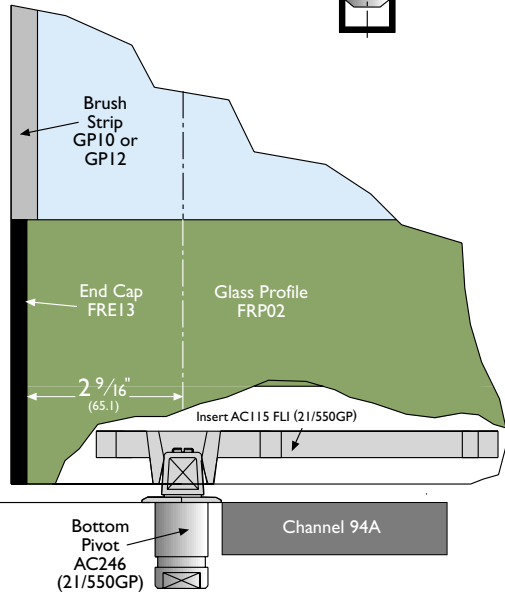
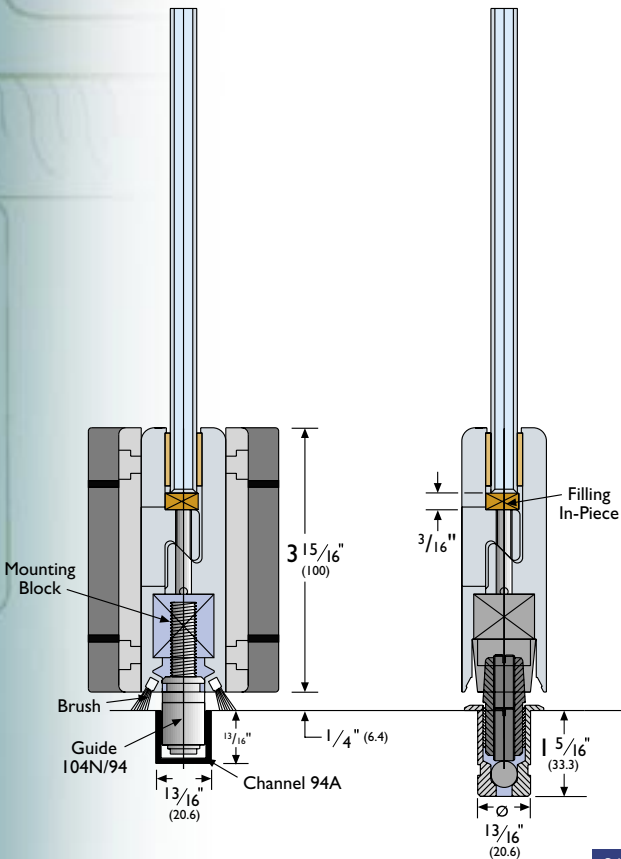
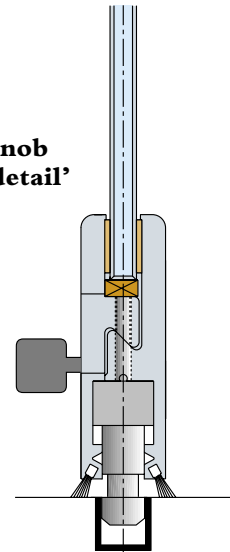
Hinges for hangers and guides must be ordered separately.  
 Use a single hinge for end hangers and guides, double hinge  
 for intermediate hangers and guides.

# FLEXIROL FOLDING GLASS

CAN ALSO BE USED WITH PACER



**'Turn knob locking detail'**





## CAPACITY

**Max. door weight:** 275 lbs. (125kg)

**Max. door height:** 8'2" (2500mm)

**Max. door width:** 2'11" (900mm)

**Door thickness:** 3/8"-1/2" (10mm or 12mm)

## APPLICATIONS

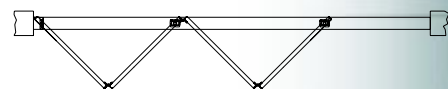
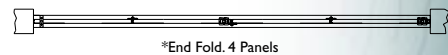
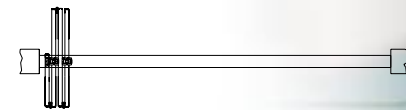
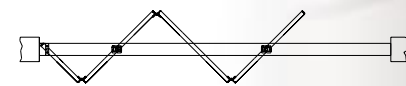
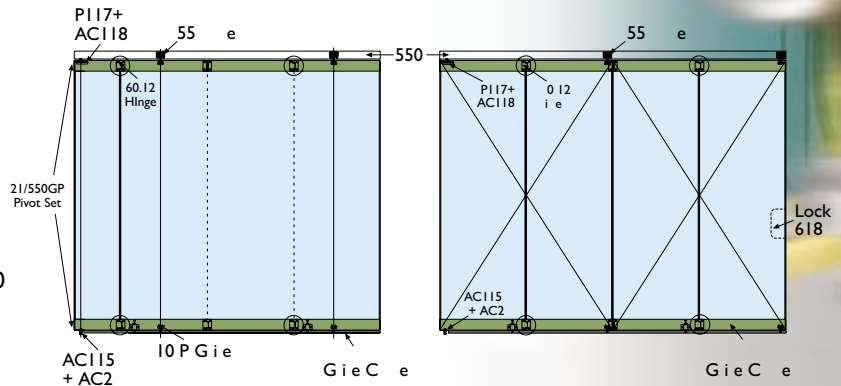
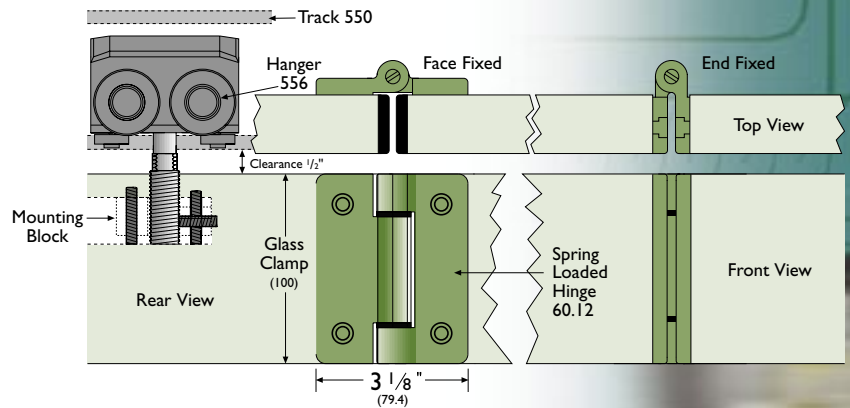
Flexirol Folding Glass covers both center fold and end fold applications depending on the placement of the hangers within the profile.

## DOOR TYPES

Glass panels of 3/8" (10mm) or 1/2" (12mm) thickness in tempered or laminated glass. All profiles for glass panels are made to measure with all necessary routing completed.

## TECHNICAL INFORMATION

<b>Track:</b>		550A
<b>Brackets:</b>	Face fix	1A/550
	Soffit fix	3S/550
<b>Hangers:</b>	556 with mounting block	
<b>Pivots:</b>	Glass pivot set	21/550GP
<b>Guides:</b>	104N/94 with mounting block	
<b>Guide Channel:</b>	Brass	94
	Aluminum	94A
<b>Hinges:</b>	Adjustable face fixed,	60.12
	spring-loaded hinge	
<b>Accessories:</b>	Glass door lock	618
	Glass door receiving lock	619



## GLASS WEIGHT

3/8" glass	5.05 lbs./sq. ft.
1/2" glass	6.4 lbs./sq. ft.

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