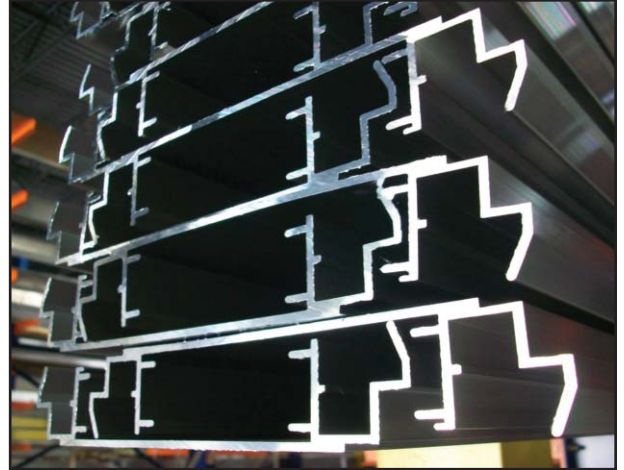


Signage

EMS has an extensive stock of sign frames, raceways & raceway lids, retainers, flex face signage, double tees, half-round posts, and a full line of aluminum standards including **Square Tube** (Standards p15), **Angle** (Standards 09) a wide selection of **Sheet & Plate Products** (Standards 05-08).

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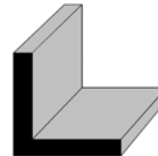


Sign Frames & Accessories

<p>12" Fixed Retainer Sign Frame x 24' 6" SF-12R 24-63-230</p> <p>Corner Key: 1/8" Angles See Schematics: Signage p 04</p>	<p>12" Sign Frame x 24' 6" w/o Retainer SF-12 24-63-235</p> <p>Corner Key: 1/8" Angles Retainer: 24-63-236 See Schematics: Signage p 04</p>
<p>10" Fixed Retainer Sign Frame x 24' 6" SF-10R 24-63-220</p> <p>Corner Key: 1/8" Angles See Schematics: Signage p 04</p>	<p>10" Sign Frame x 24' 6" w/o Retainer SF-10 24-63-225</p> <p>Corner Key: 1/8" Angles Retainer: 24-63-236 See Schematics: Signage p 04</p>

Sign Frame Retainer Angles

- 24-63-236** 1-1/2 x 1-1/2 x 1/8 x 24' 6"
 mates with SF-10, SF-12; 6" & 9" Single Face
- 24-63-216** 1-1/2 x 1-1/2 x 1/16 x 24' 6"
 mates with SF-7
- 24-63-206** 1 x 1 x 1/16 x 24' 6"
 mates with SF-4, 6" SF



Signage 01



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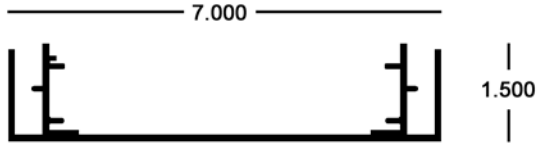
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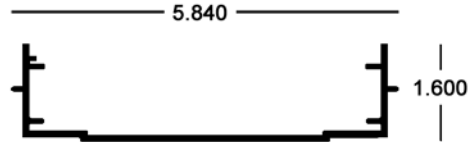
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7" Fixed Retainer Sign Frame x 24' 6"
SF-7R 24-63-210



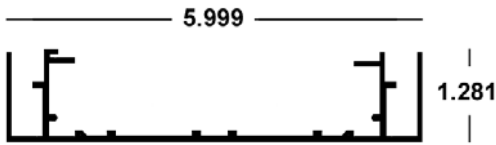
Corner Key: 1/8" Angles

7" Sign Frame x 24' 6" w/o Retainer
SF-7 24-63-215



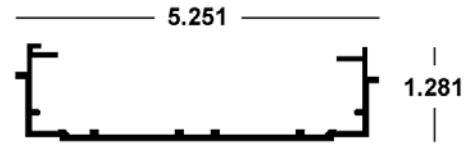
Corner Key: 1/8" Angles Retainer: 24-63-216

6" Fixed Retainer Sign Frame
24-63-260 (MO)



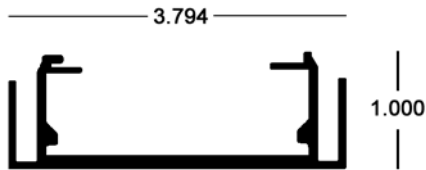
Corner Key: 3/16" Angles

6" Sign Frame w/o Retainer
24-63-255 (FL/MO)



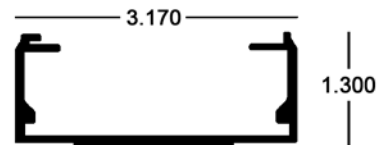
Corner Key: 3/16" Angles Retainer: 24-63-206

4" Fixed Retainer Sign Frame x 24' 6"
SF-4R 24-63-200



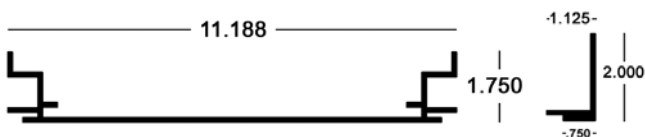
Corner Key: 1/8" Angles

4" Sign Frame x 24' 6" w/o Retainer
SF-4 24-63-205



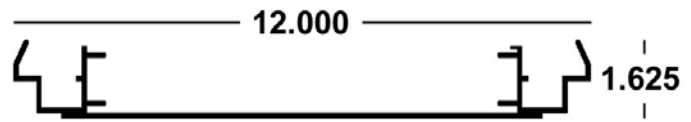
Corner Key: 1/8" Angles Retainer: 24-63-206

12" Sign Frame x 24' 6"
MILL ORDER 24-63-910 (NC)
12" Sign Frame Retainer x 24' 6"
24-63-909 (NC)



Corner Key: 3/16" Angles

13" Sign Frame x 24' 6" w/o Retainer
MILL ORDER 1004-023 (TX)



Corner Key: 3/16" Angles Retainer: 24-63-236

Signage 02



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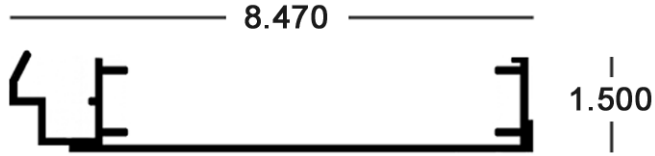
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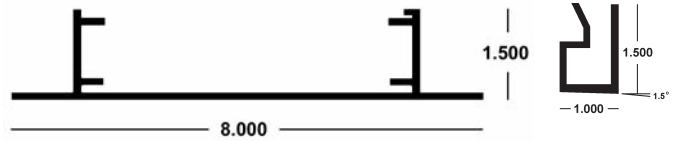
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9" Single Face Sign Frame x 24' 6"
24-63-280



Corner Key: 1/8" Angles Retainer: 24-63-236
 See Schematic below...

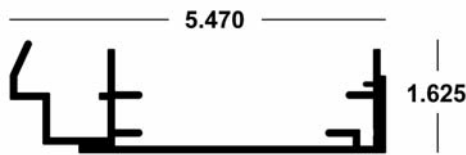
8" Stackable Sign Frame x 24' 6"
 24-63-400 (NC/TX/MO) Corner Key: 1/8" Angles
8" Stackable SF Retainer x 24' 6"
 24-63-405 (NC/TX)



See Schematic: Signage p 04 "D"

6" Single Face Sign Frame x 24' 6"
24-63-705 (TX)

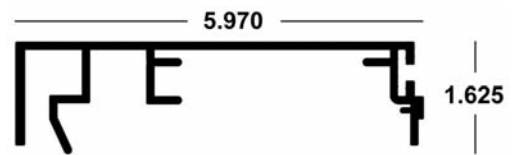
Can be used as Single Face
 or as Sides of Tab Mounted Cabinet (with 24-63-700)



Corner Key: 1/8" Angles Retainer: 24-63-236
 See Schematic below...

6" Tab Mounted Sign Frame x 24' 6"
24-63-700 (TX)

Mates with 24-63-148P; Used as Top and Bottom of Cabinet

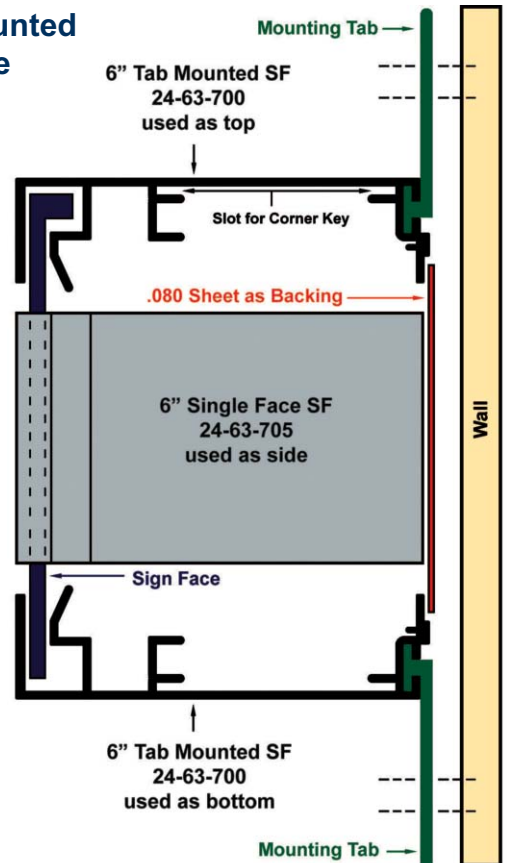


Corner Key: 1/8" Angles Retainer: 24-63-236
 See Schematic below...

Single Face Sign Frame Schematic



6" Tab Mounted Sign Frame Schematic



Mounting Tab x 2"
24-63-148P 50 pcs/box
 1/2" hole in center
 Max Load Per Tab:
 Vertical: 220 #
 Horizontal: 160 #



Signage 03



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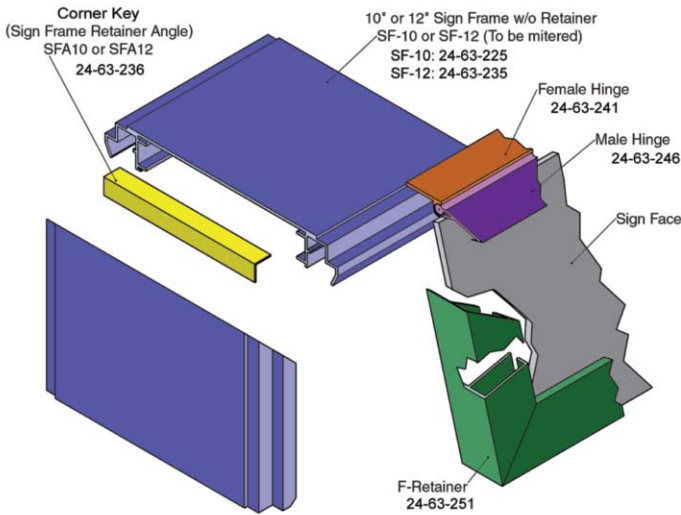
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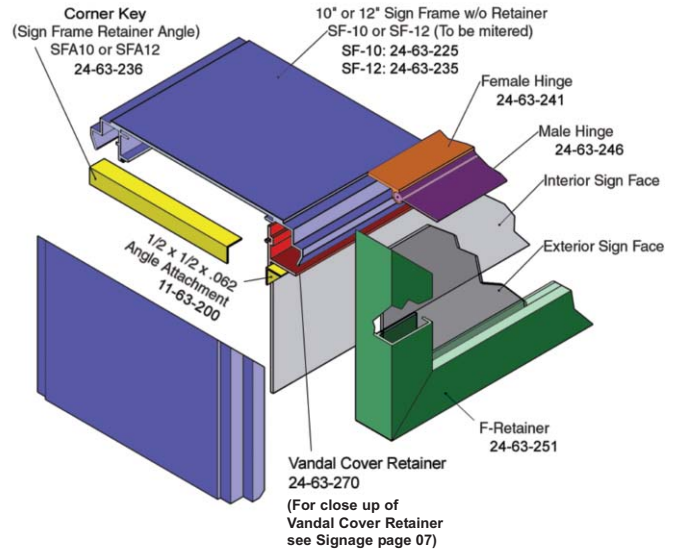
10" or 12" Hingeable Sign Frame

"A"



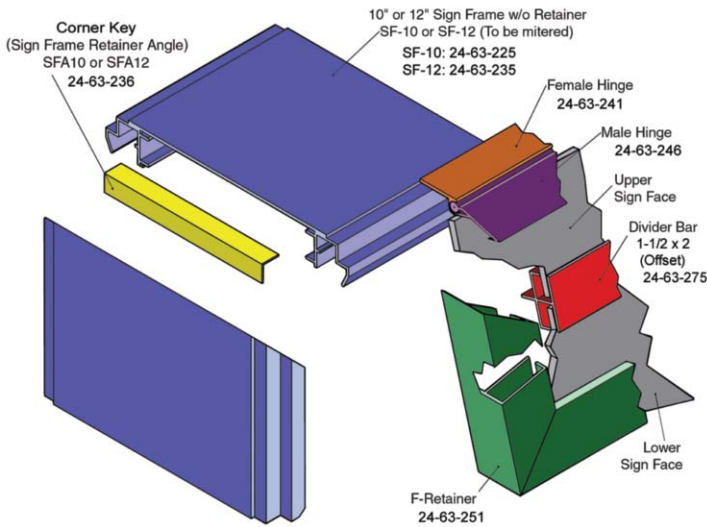
10" or 12" Hingeable Sign Frame with Vandal Cover

"B"



10" or 12" Hingeable Sign Frame with Divider Bar

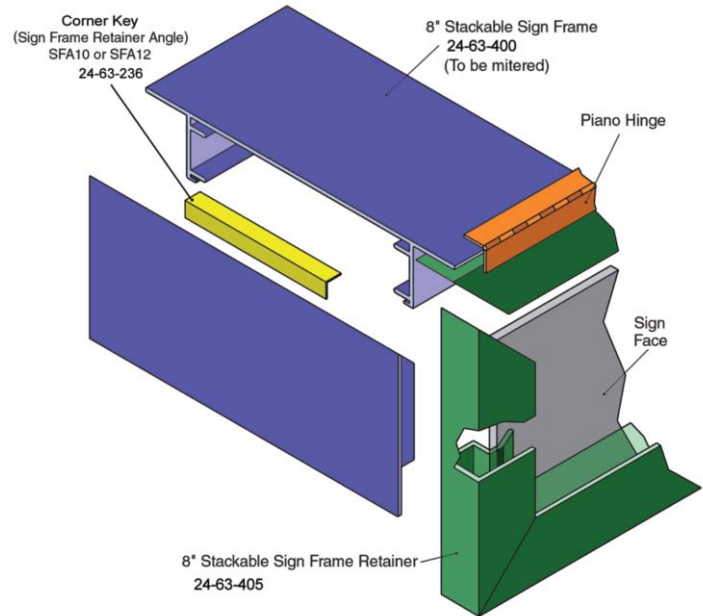
"C"



Additional schematics available on Signage pp 03, 07, 08, 12

8" Stackable Sign Frame

"D"



Post & Panel schematics available on Stiffeners, Enclosures & Gates p10

Signage 04



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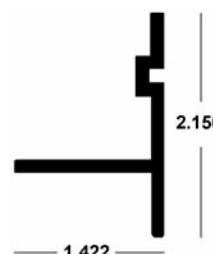
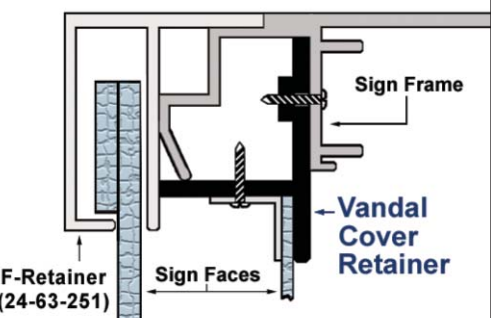
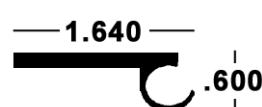

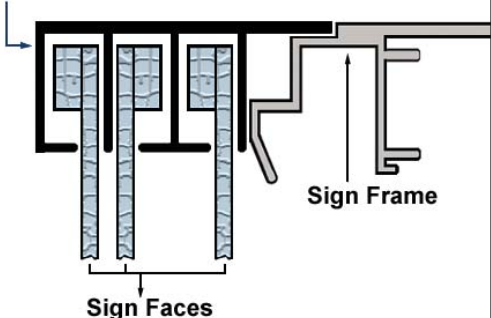
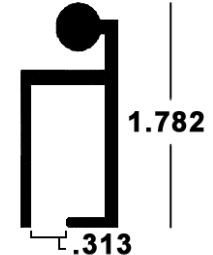
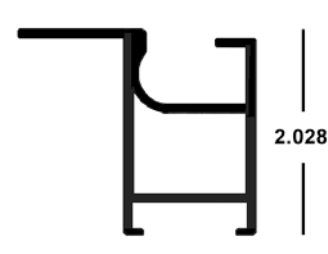
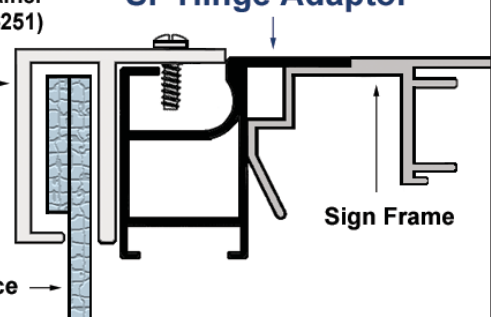
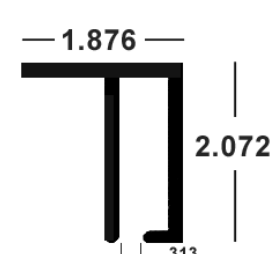
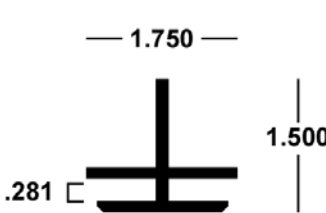
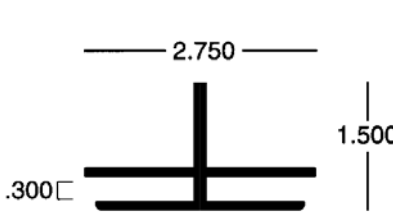
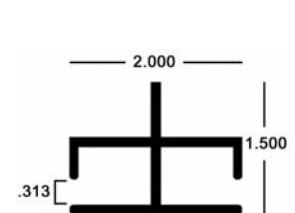
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Sign Frames & Accessories

<p>Vandal Cover Retainer x 24' 6" 24-63-270 (NC/TX) Used with 10" & 12" Sign Frames</p> 		<p>Female Hinge x 24' 6" 24-63-241 mates with Male Hinge</p>  <p>See Schematic: Signage p 04 "B"</p>
<p>3 Face Retainer x 24' 6" <u>MILL ORDER</u> 24-63-285 (NC)</p> 	<p>3 Face Retainer</p> 	<p>Male Hinge x 24' 6" 24-63-246 mates with Female Hinge</p>  <p>See Schematic: Signage p 04 "B"</p>
<p>Sign Frame Hinge Adaptor x 24' 6" 24-63-335 (NC/TX/MO)</p> 	<p>SF Hinge Adaptor</p> 	<p>F-Retainer x 24' 6" 24-63-251 used with Male & Female Hinge</p>  <p>See Schematic: Signage p 04 "A"</p>
<p>1-1/2" Double Tee Divider Bar x 24' SFT-1 24-63-120</p>  <p>See Schematic: Signage p 04 "C"</p>	<p>2-1/2" Double Tee Divider Bar x 24' SFT-2 24-63-115</p>  <p>See Schematic: Signage p 04 "C"</p>	<p>1-1/2 x 2 Divider Bar x 24' 6" 24-63-275 (NC/TX/MO/DE)</p>  <p>See Schematic: Signage p 04 "C"</p>

Signage 05



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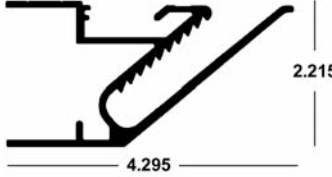


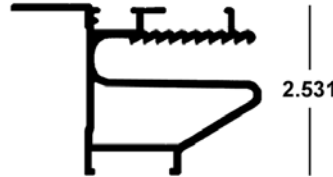
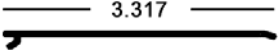
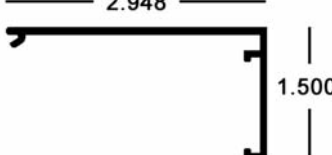
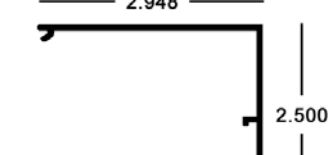








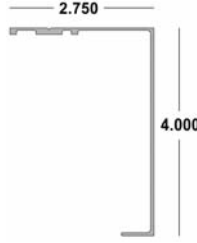

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Flex Face Signage

<p>Bleed Frame x 24' 6" 24-63-300 (NC/TX) Mill Finish accepts 2" Square Tube</p>  <p>2.215 4.295</p> <p>UL Recognized Component System - The Underwriters Laboratory file number is: E136850</p>	<p>Bleed Retro Frame x 24' 6" 24-63-305 (NC/TX/MO) Mill Finish</p>  <p>2.360 4.334</p> <p>UL Recognized Component System - The Underwriters Laboratory file number is: E136850</p>	<p>Flex Frame x 24' 6" MILL ORDER 24-63-310 (MO) accepts 2" Sq Tube</p>  <p>2.215 3.622</p> <p>UL Recognized Component System - The Underwriters Laboratory file number is: E136850</p>	<p>Flex Retro Frame x 24' 6" 24-63-315 (NC/TX) Mill Finish</p>  <p>2.531 3.534</p> <p>UL Recognized Component System - The Underwriters Laboratory file number is: E136850</p>
<p>Bleed Retainer x 24' 6" 24-63-320 (NC/MO) Mill Finish</p>  <p>3.317</p>	<p>1-1/2" Flex Retainer x 24' 6" 24-63-330 (NC/TX) Mill Finish</p>  <p>2.948 1.500</p>	<p>2-1/2" Flex Retainer x 24' 6" 24-63-325 (NC/TX/MO) Mill Finish</p>  <p>2.948 2.500</p>	<p>Sign Frame Hinge Adaptor x 24' 6" 24-63-335 (NC/TX/MO) Mill Finish</p>  <p>2.028 2.275</p>
<p>Tensioner Clamp x 2" 24-63-390 (NC/TX/MO) Mill Finish Mates with Tensioner Bar See Schematics Sign p 7 100 pcs per box</p> 	<p>Tensioner Bar x 4" 24-63-391 (NC/TX/MO) Mill Finish Mates with Tensioner Clamp; Mates with 3M Wedge Clamp; See Schematics Sign p 7 100 pcs per box</p> 	<p>Retainer Corner Key 24-63-395 (NC/TX/MO) Mill Finish</p> 	
<p>1/4" Frame Corner Key Angle x 1-1/16" 24-63-393 (NC/TX) Mill Finish</p> 	<p>1/4" Divider Corner Key Angle x 1-1/16" 24-63-394 (TX/MO) Mill Finish (with notches and hole)</p> 	<p>Frame Brace x 1-1/2" 24-63-396 (NC/TX) Mill Finish</p> 	
<p>Tensioner Tool x 15.25" 24-63-392 (NC/TX)</p> 	<p>SIGNgineer Flex Retainer x 24' 6" 24-63-620</p> <p>Should be used in Senior Applications only</p>  <p>2.750 4.000</p>	<p>Flex Face Wedge Clamps SPECIAL ORDER 24-63-397 (MO) 1.5" Bolt SPECIAL ORDER 24-63-398 (MO) 2.5" Bolt for Flex Face Applications Mates with Tensioner Bar: 24-63-391 100 pcs/bag</p> 	

Signage 06



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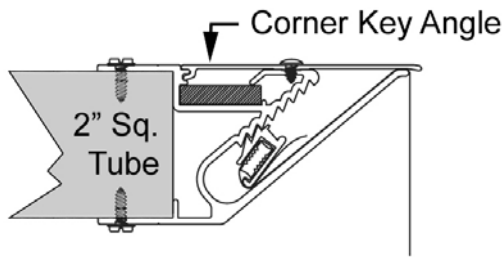
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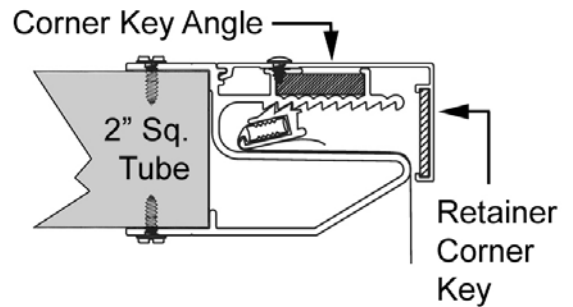
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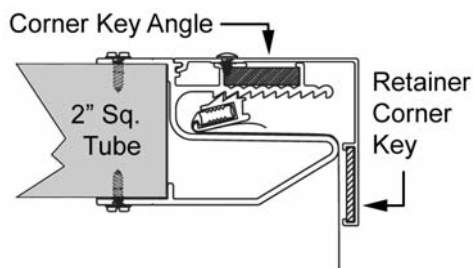
Bleed Frame Assembly



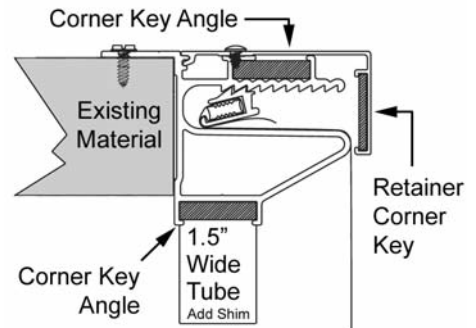
Flex Frame Assembly with 1-1/2" Flex Retainer



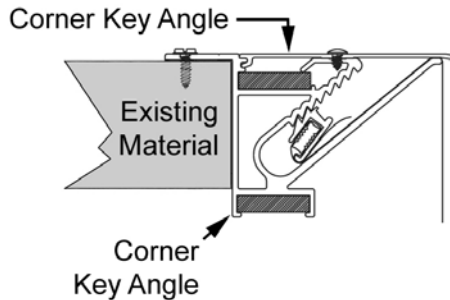
Flex Frame Assembly with 2-1/2" Flex Retainer



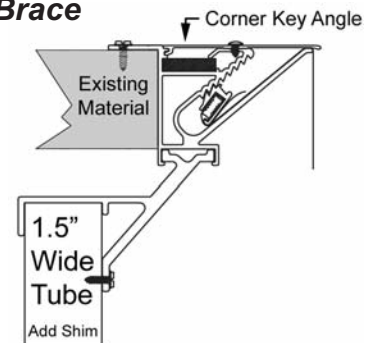
Flex Retro Frame Assembly with 1-1/2" Flex Retainer



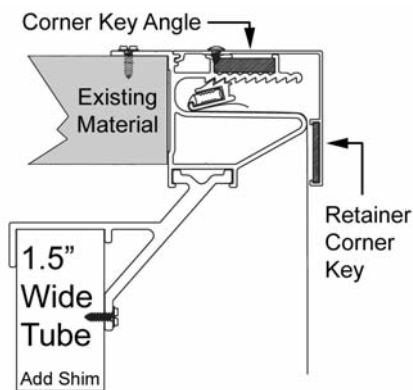
Bleed Retro Frame Assembly



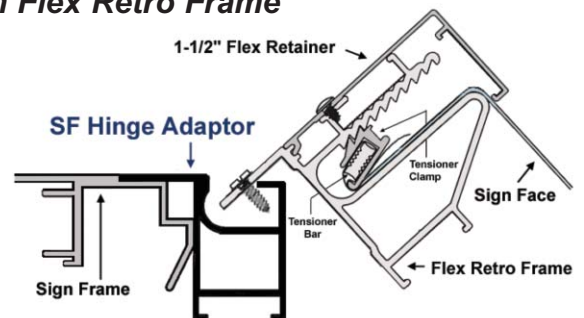
Bleed Retro Frame Assembly with Frame Brace



Flex Frame Assembly with 1-1/2" Flex Retainer & Frame Brace



Hinge Adaptor Assembly with Flex Retro Frame



Signage 07



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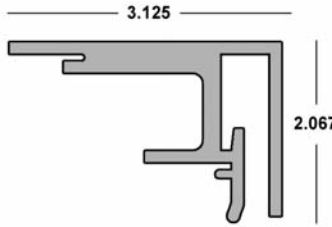
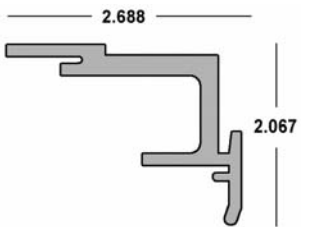
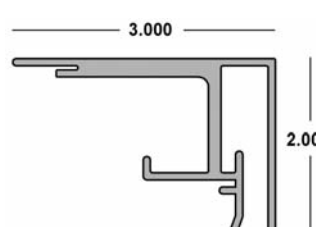
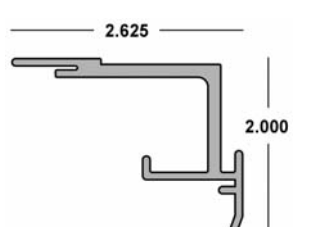
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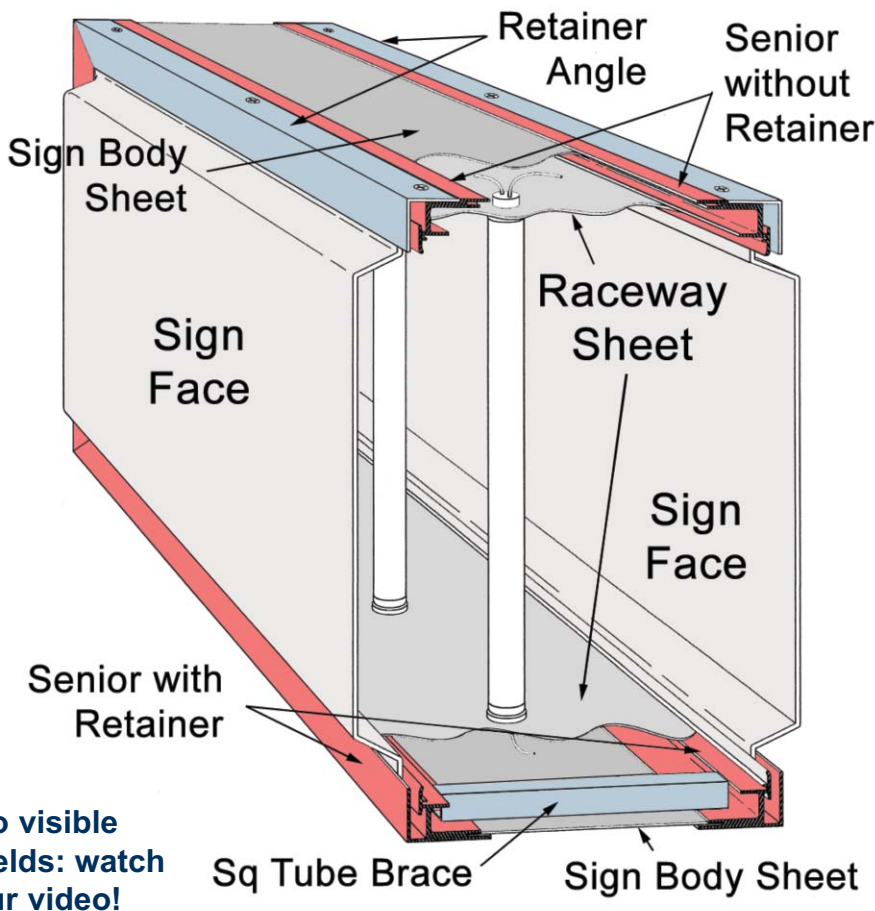
SIGNgineer® sign frame

The Flexibility to Build Any Width Sign Cabinet Fast!

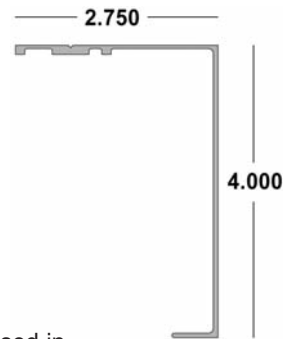
<p>SIGNgineer SENIOR with Retainer x 24' 6" 24-63-600 <i>For sign cabinets <u>OVER</u> 100 sq ft and Flex Face applications</i></p>  <p>3.125 2.067</p> <p>Accepts up to .090 Sheet for Sign Body & Raceway</p>	<p>SIGNgineer SENIOR without Retainer x 24' 6" 24-63-605 <i>For sign cabinets <u>OVER</u> 100 sq ft and Flex Face applications</i> Accepts 1/8" angle as Retainer: 1-63-315</p>  <p>2.688 2.067</p> <p>Accepts up to .090 Sheet for Sign Body & Raceway</p>	<p>SIGNgineer JUNIOR with Retainer x 24' 6" 24-63-610 <i>For sign cabinets <u>UNDER</u> 100 sq ft</i></p>  <p>3.000 2.000</p> <p>Accepts up to .060 Sheet for Sign Body & .090 for Raceway</p>	<p>SIGNgineer JUNIOR without Retainer x 24' 6" 24-63-615 <i>For sign cabinets <u>UNDER</u> 100 sq ft</i> Accepts 1/16" angle as Retainer: 11-63-310</p>  <p>2.625 2.000</p> <p>Accepts up to .060 Sheet for Sign Body & .090 for Raceway</p>
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See our SIGNgineer Instructional video here:

http://www.easternmetal.com/signage_extrusions-singineer.html



SIGNgineer Flex Retainer x 24' 6"
24-63-620



Should be used in Senior Applications only

Flex Face Wedge Clamps

SPECIAL ORDER 24-63-397 (MO) 1.5" Bolt
 SPECIAL ORDER 24-63-398 (MO) 2.5" Bolt
 for Flex Face Applications
 100 pcs/bag



Mates with Tensioner Bar: 24-63-391

Signage 08



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