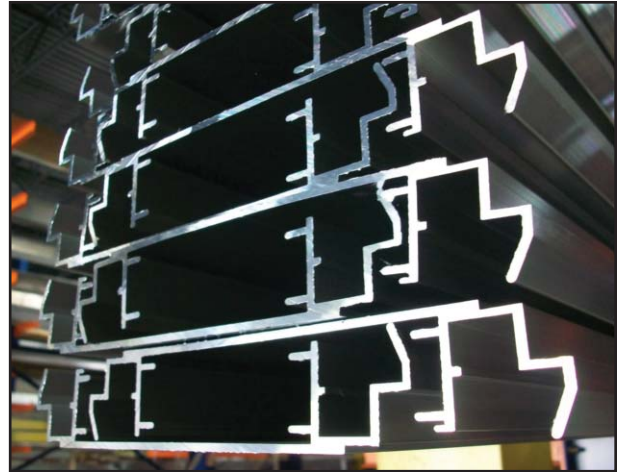


Signage

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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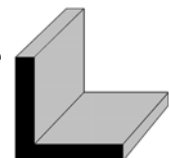


Sign Frames & Accessories

<p>12" Fixed Retainer Sign Frame x 24' 6" SF-12R 24-63-230</p> <p>Corner Key: 1/8" Angles</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</p>
<p>10" Fixed Retainer Sign Frame x 24' 6" SF-10R 24-63-220</p> <p>Corner Key: 1/8" Angles</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</p>
<p>7" Fixed Retainer Sign Frame x 24' 6" SF-7R 24-63-210</p> <p>Corner Key: 1/8" Angles</p>	<p>7" Sign Frame x 24' 6" w/o Retainer SF-7 24-63-215</p> <p>Corner Key: 1/8" Angles Retainer: 24-63-216</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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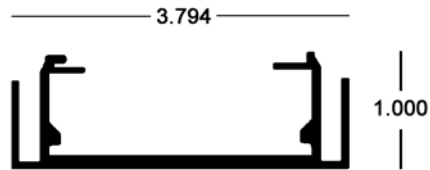
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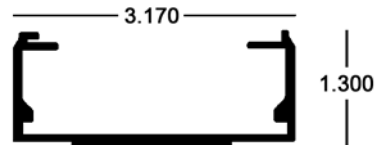
version: 04/19/17

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



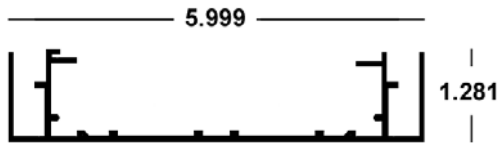
Corner Key: 1/8" Angles

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



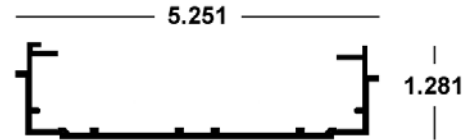
Corner Key: 1/8" Angles Retainer: 24-63-206

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



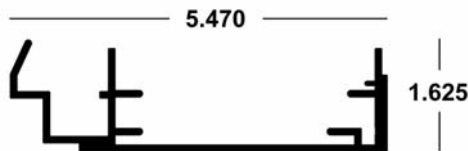
Corner Key: 3/16" Angles

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



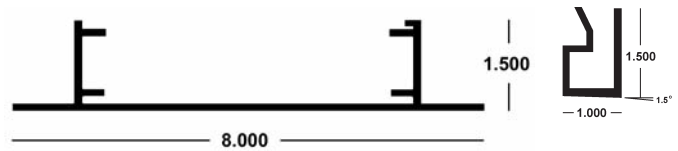
Corner Key: 3/16" Angles Retainer: 24-63-206

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



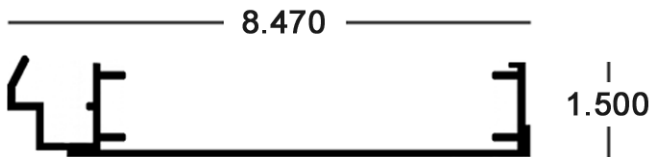
Corner Key: 1/8" Angles Retainer: 24-63-236

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)

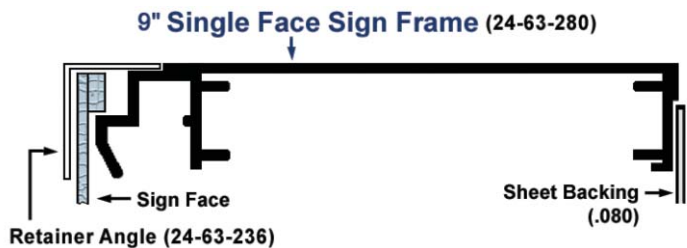


See Schematic: Signage p03 "D"

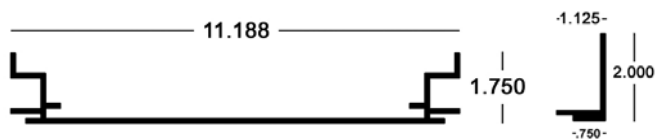
9" Single Face Sign Frame x 24' 6"
24-63-280



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

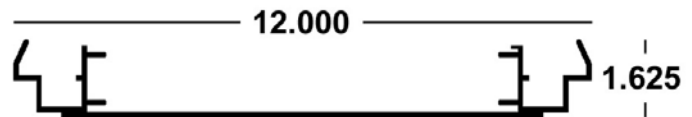


12" Sign Frame x 24' 6"
MILL ORDER - 24-63-910 (NC)
12" Sign Frame Retainer x 24' 6"
24-63-909 (NC)



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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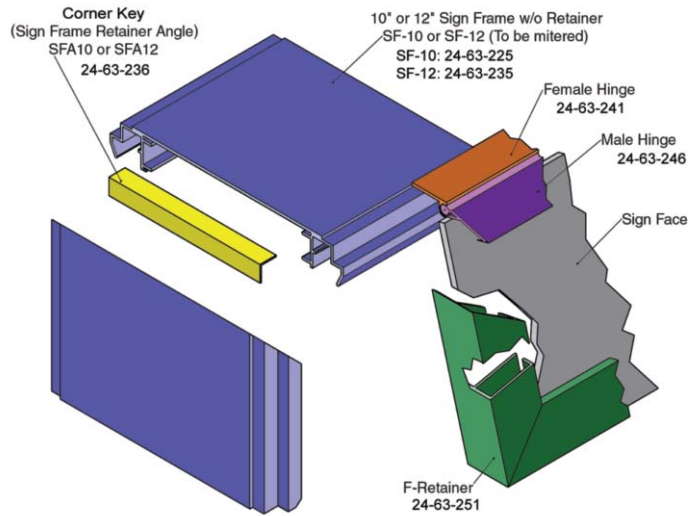
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version: 04/19/17

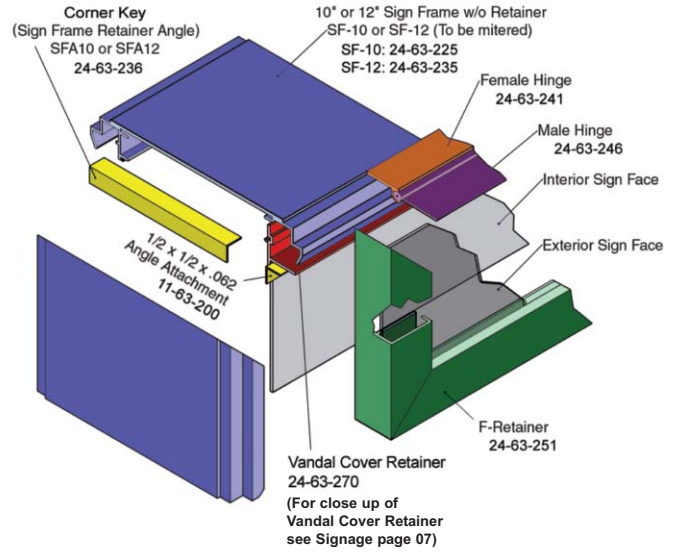
10" or 12" Hingeable Sign Frame

"A"



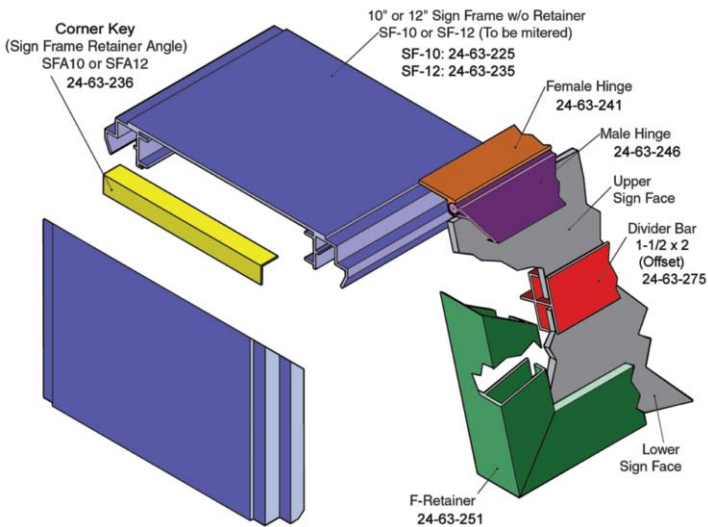
10" or 12" Hingeable Sign Frame with Vandal Cover

"B"



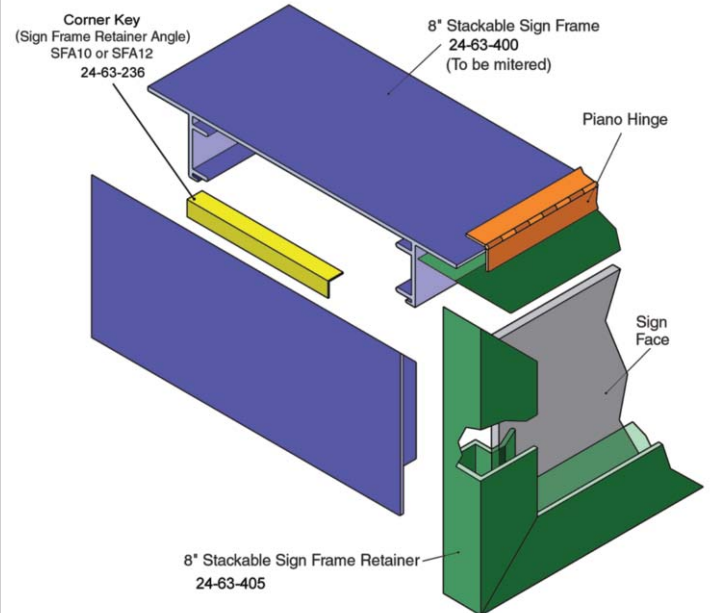
10" or 12" Hingeable Sign Frame with Divider Bar

"C"



8" Stackable Sign Frame

"D"



Additional schematics available on Signage pp 02, 04, 07, 12

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

Signage 03



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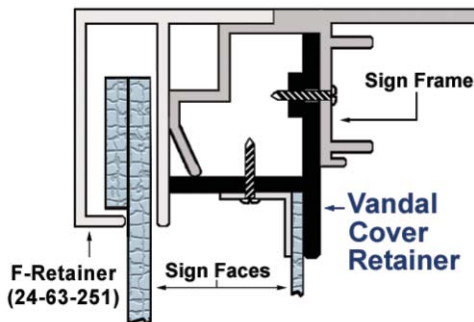
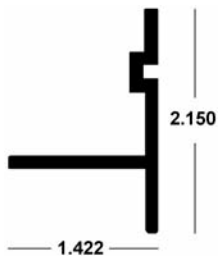
version: 08/23/16

Sign Frames & Accessories

Vandal Cover Retainer x 24' 6"

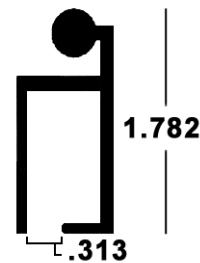
24-63-270 (NC/TX)

Used with 10" & 12" Sign Frames



Male Hinge x 24' 6"

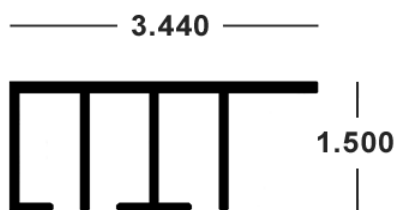
24-63-246 mates with Female Hinge



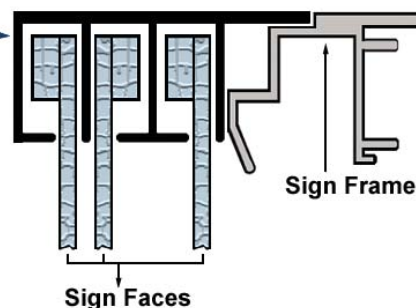
See Schematic: Signage p03 "B"

3 Face Retainer x 24' 6"

MILL ORDER 24-63-285 (NC)



3 Face Retainer



Female Hinge x 24' 6"

24-63-241 mates with Male Hinge

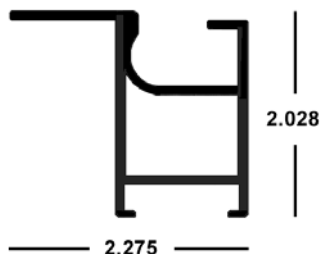


See Schematic: Signage p03 "B"

Sign Frame

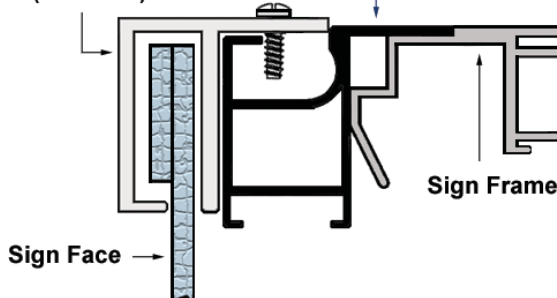
Hinge Adaptor x 24' 6"

24-63-335 (NC/TX/MO)



F-Retainer
(24-63-251)

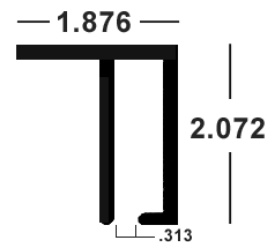
SF Hinge Adaptor



F-Retainer x 24' 6"

24-63-251

used with Male & Female Hinge

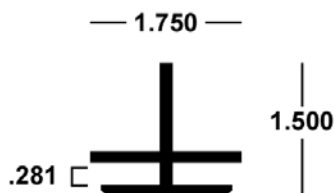


See Schematic: Signage p03 "A"

1-1/2" Double Tee

Divider Bar x 24'

SFT-1 24-63-120

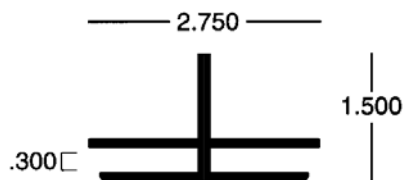


See Schematic: Signage p03 "C"

2-1/2" Double Tee

Divider Bar x 24'

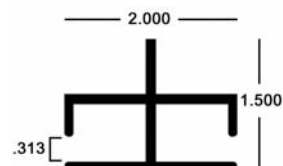
SFT-2 24-63-115



See Schematic: Signage p03 "C"

1-1/2 x 2 Divider Bar x 24' 6"

24-63-275 (NC/TX/MO/DE)



See Schematic: Signage p03 "C"

Signage 04



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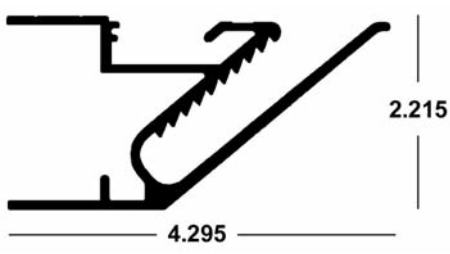
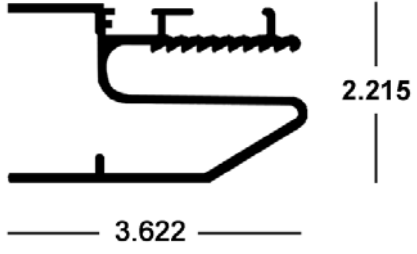
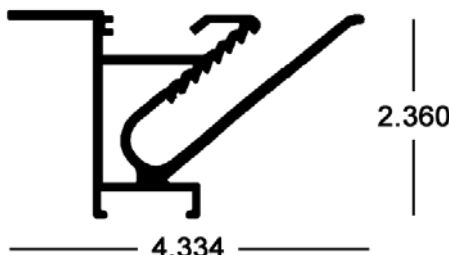
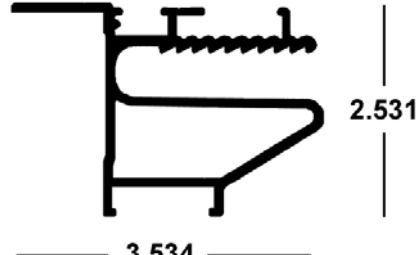
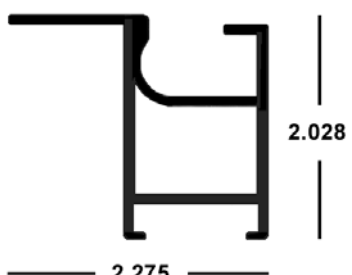

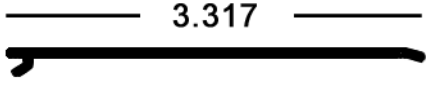
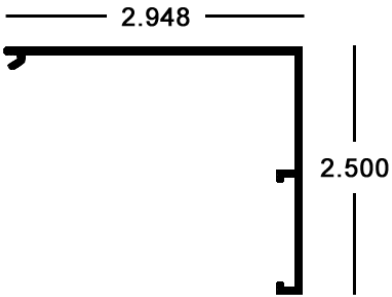
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Flex Face Signage

<p>Bleed Frame x 24' 6" Mill Finish 24-63-300 (NC/TX) 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>Flex Frame x 24' 6" Mill Finish 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>Bleed Retro Frame x 24' 6" Mill Finish 24-63-305 (NC/TX/MO)</p>  <p>2.360 4.334</p> <p>UL Recognized Component System The Underwriters Laboratory file number is: E136850</p>	<p>Flex Retro Frame x 24' 6" Mill Finish 24-63-315 (NC/TX)</p>  <p>2.531 3.534</p> <p>UL Recognized Component System The Underwriters Laboratory file number is: E136850</p>
<p>Sign Frame Hinge Adaptor x 24' 6" Mill Finish 24-63-335 (NC/TX/MO)</p>  <p>2.028 2.275</p>	<p>1-1/2" Flex Retainer x 24' 6" Mill Finish 24-63-330 (NC/TX)</p>  <p>2.948 1.500</p>
<p>Bleed Retainer x 24' 6" Mill Finish 24-63-320 (NC/MO)</p>  <p>3.317</p>	<p>2-1/2" Flex Retainer x 24' 6" Mill Finish 24-63-325 (NC/TX/MO)</p>  <p>2.948 2.500</p>

Signage 05



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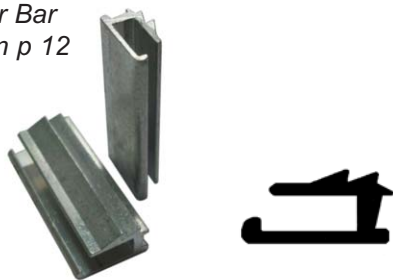
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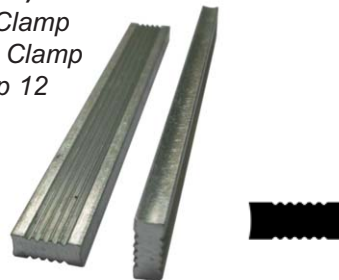
version: 08/04/16

Tensioner Clamp x 2"**24-63-390 (NC/TX/MO)****Mill Finish**

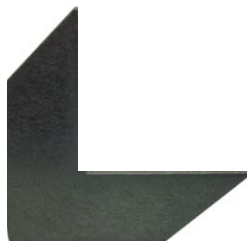
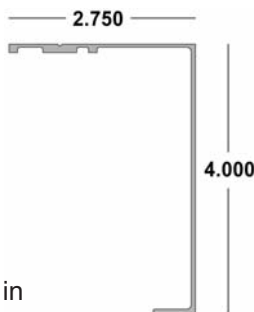
Mates with Tensioner Bar
 See Schematics Sign p 12
 100 pcs per box

**UL Recognized Component System**The Underwriters Laboratory file number is: **E136850****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 12
 100 pcs per box

**UL Recognized Component System**The Underwriters Laboratory file number is: **E136850****1/4" Frame Corner Key Angle x 1-1/16"****24-63-393 (NC/TX) Mill Finish****1/4" Divider Corner Key Angle x 1-1/16"****24-63-394 (TX/MO) Mill Finish**

(with notches
 and hole)

**Retainer Corner Key****24-63-395 (NC/TX/MO) Mill Finish****Frame Brace x 1-1/2"****24-63-396 (NC/TX) Mill Finish****Tensioner****Tool****24-63-392****(NC/TX)****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 06**EMS FL**

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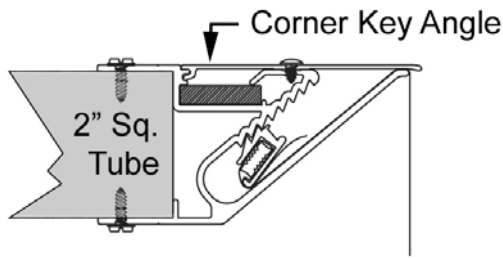
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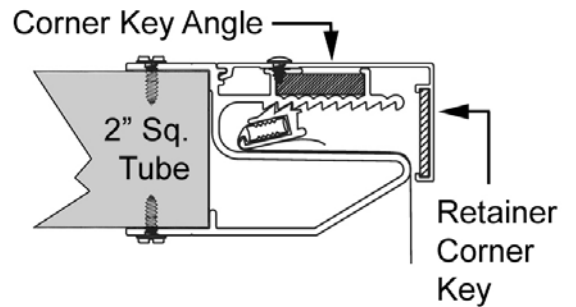
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version: 10/25/16

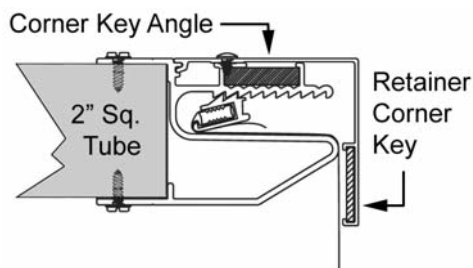
Bleed Frame Assembly



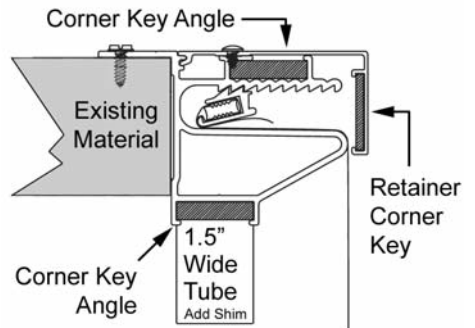
Flex Frame Assembly with 1-1/2" Flex Retainer



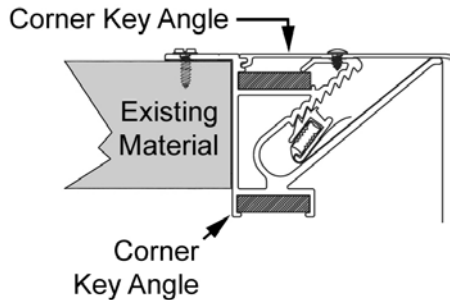
Flex Frame Assembly with 2-1/2" Flex Retainer



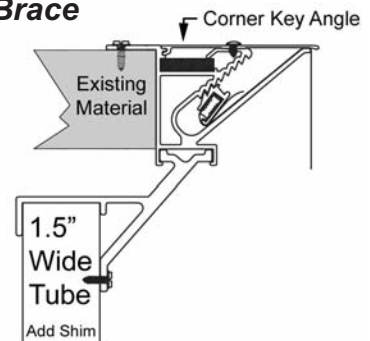
Flex Retro Frame Assembly with 1-1/2" Flex Retainer



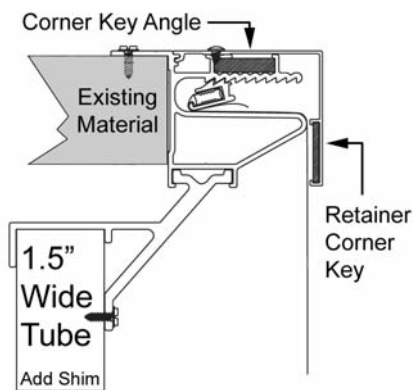
Bleed Retro Frame Assembly



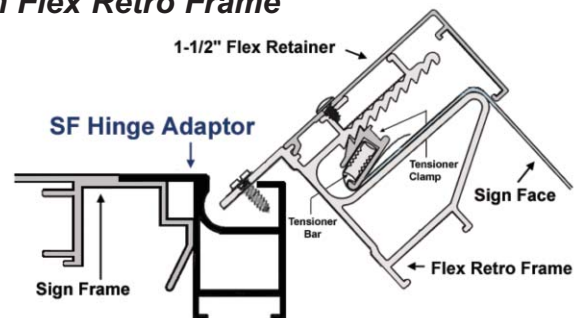
Bleed Retro Frame Assembly with Frame Brace



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



Hinge Adaptor Assembly with Flex Retro Frame



Signage 07



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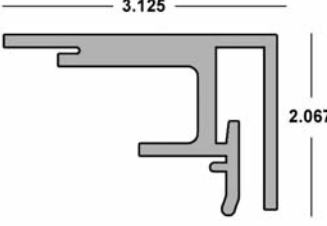
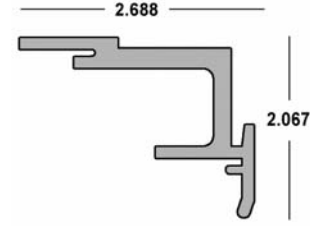
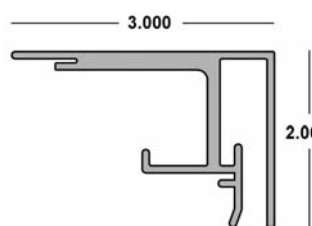
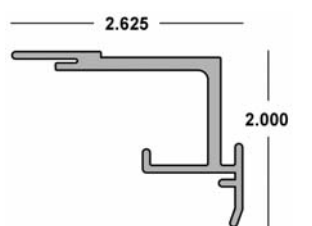
website: www.EasternMetal.com

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version: 11/01/16

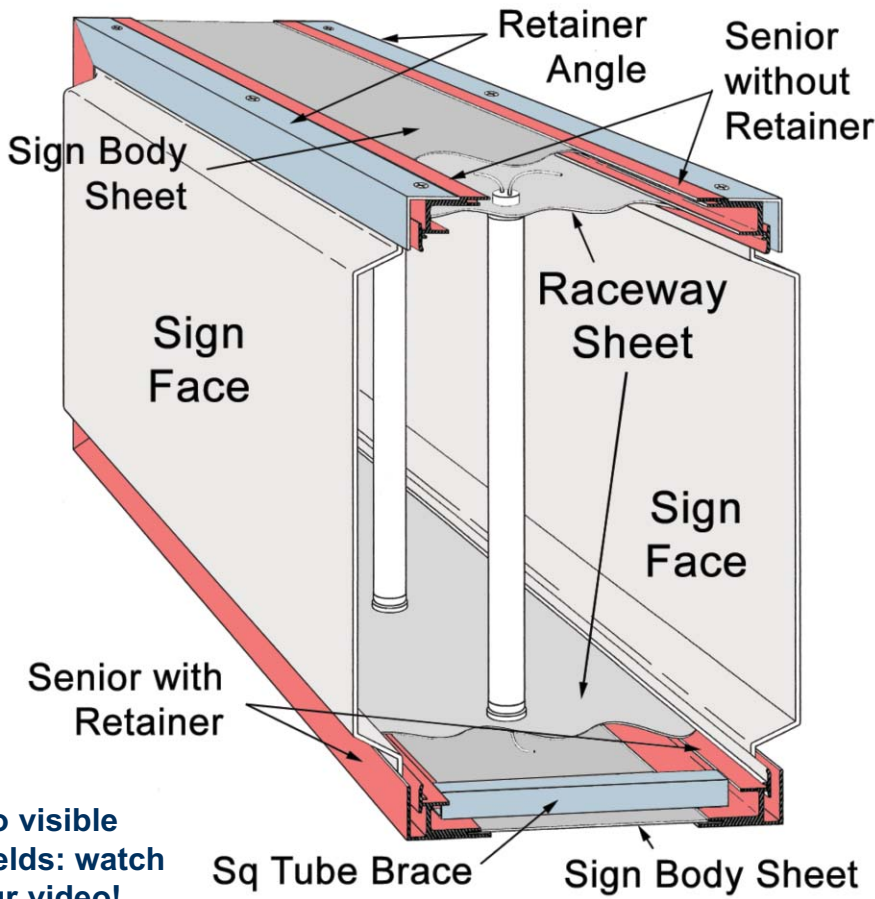
SIGNgineer[®] sign frame

The Flexibility to Build Any Width Sign Cabinet Fast!

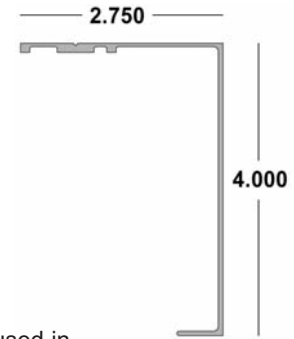
<p>SIGNgineer SENIOR with Retainer x 24' 6" 24-63-600 <i>For sign cabinets <u>OVER</u> 100 sq ft and Flex Face applications</i></p>  <p>3.125 2.067</p> <p>Accepts up to .090 Sheet for Sign Body & Raceway</p>	<p>SIGNgineer SENIOR without Retainer x 24' 6" 24-63-605 <i>For sign cabinets <u>OVER</u> 100 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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