

Hemmed Square Edge



Butted Square Edge with "U" side channel



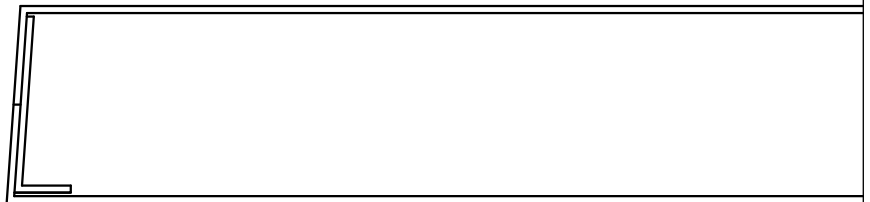
Butted Square Edge with "L" side channel



Hemmed Bevel Edge no side channel



Butted Bevel Edge with "L" side channel



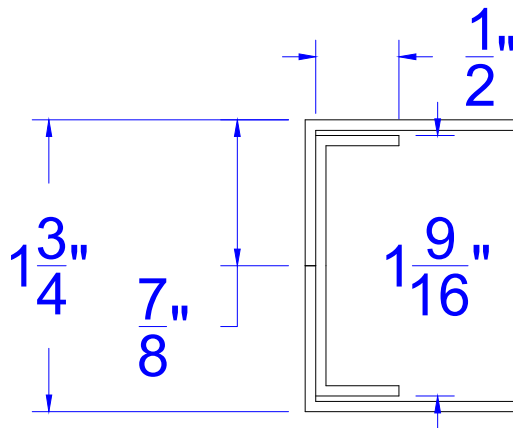
Concept Frames

2015 Industrial Drive, Newton, NC 28658
PH: 888-234-9455 Fax: 800-631-9089
www.ConceptFrames.Com

Drawn By: KX

Date: 2-13-2015

Hollow Metal Door Edges



Butted Edge Door Features

- 90 degree square edges or 87 degree beveled edges.
- Beveled edges yields door that is 0.21875" narrower on push side.
- "U" style side channels for square edges and "L" style side channels for bevel edges.
- 18, 16, 14, and 12 gauges.
- Visible edge seam, seamless bondo, or welded seamless for 16, 14, and 12 gage only.

Beveled Design Considerations

- Pairs can be downsized 0.1875" per leaf in lieu of 0.25" for square edge doors.
- The device backset on the push side will be 0.1093" less than pull side backset.

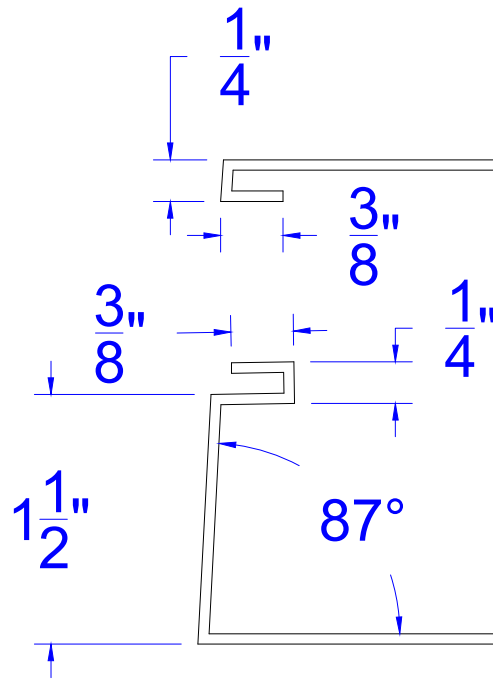
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Butted Edge Doors



Hemmed Edge Door Features

- Same fire rating capability
- 87 degree bevel both edges, yields door that is 0.21875" narrower on push side
- No side channels

Restrictions

- Maximum size: 4'-0" x 10'-0"
- 16 gauge only
- Visible edge seam or seamless bondo only (Welded seamless will not be hemmed seams)

Design Considerations

- Pairs can be downsized 0.1875" per leaf in lieu of 0.25" for square edge doors
- The device backset on the push side will be 0.1093" less than pull side backset
- Panels can have hemmed edges. But the edge needs to be square.
- Due to lack of side channels, when using continuous hinges, make sure that the door skin is sufficient or if door requires extra reinforcements

Stainless Steel

- Stainless hemmed edges are tacked at each end and epoxy filled the entire height of door
- Expanded polystyrene cores only

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