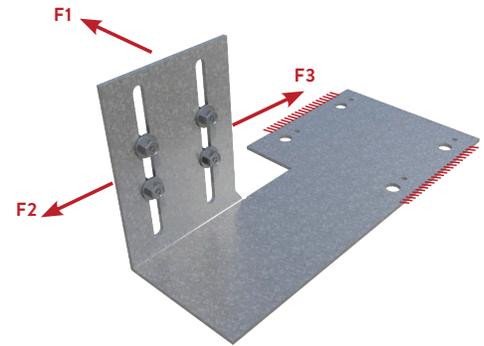


## Flat Tail™ Slide Clip

ATTACHMENT TO STRUCTURE: **WELDED**

### 3-5/8" Flat Tail™ Slide Clip (FTSC3)

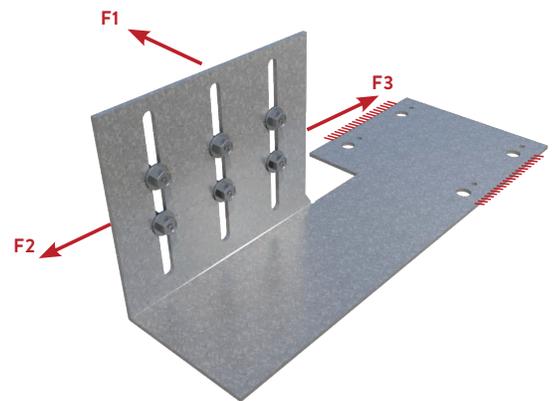
| Product code | Stud Thickness / Yield Strength | Attachment to Structure                        | ASD Allowable Loads (lbs) |         |         |
|--------------|---------------------------------|--|---------------------------|---------|---------|
|              |                                 |  | F1 Load                   | F2 Load | F3 Load |
| FTSC3-97     | 33mils (20ga) 33ksi             | (2) Welds - min. 2" length each on either ends | 110                       | 506     | 428     |
|              | 43mils (18ga) 33ksi             |  | 144                       | 660     | 397     |
|              | 54mils (16ga) 50ksi             |  | 261                       | 759     | 596     |
|              | 68mils (14ga) 50ksi             |  | 268                       | 766     | 673     |
|              | 97mils (12ga) 50ksi             |  | 468                       | 909     | 769     |
| FTSC3-118    | 33mils (20ga) 33ksi             | (2) Welds - min. 2" length each on either ends | 110                       | 607     | 445     |
|              | 43mils (18ga) 33ksi             |  | 144                       | 816     | 603     |
|              | 54mils (16ga) 50ksi             |  | 261                       | 816     | 789     |
|              | 68mils (14ga) 50ksi             |  | 328                       | 924     | 860     |
|              | 97mils (12ga) 50ksi             |  | 468                       | 924     | 924     |



**FTSC3**

### 6" Flat Tail™ Slide Clip (FTSC6)

| Product code | Stud Thickness / Yield Strength | Attachment to Structure                            | ASD Allowable Loads (lbs) |         |         |
|--------------|---------------------------------|--|---------------------------|---------|---------|
|              |                                 |  | F1 Load                   | F2 Load | F3 Load |
| FTSC6-97     | 33mils (20ga) 33ksi             | (2) Welds - min. 2-3/4" length each on either ends | 165                       | 869     | 594     |
|              | 43mils (18ga) 33ksi             |  | 216                       | 959     | 755     |
|              | 54mils (16ga) 50ksi             |  | 392                       | 1057    | 930     |
|              | 68mils (14ga) 50ksi             |  | 476                       | 1220    | 1055    |
|              | 97mils (12ga) 50ksi             |  | 650                       | 1558    | 1314    |
| FTSC6-118    | 33mils (20ga) 33ksi             | (2) Welds - min. 2-3/4" length each on either ends | 165                       | 953     | 594     |
|              | 43mils (18ga) 33ksi             |  | 216                       | 1221    | 891     |
|              | 54mils (16ga) 50ksi             |  | 392                       | 1515    | 1215    |
|              | 68mils (14ga) 50ksi             |  | 492                       | 1682    | 1316    |
|              | 97mils (12ga) 50ksi             |  | 702                       | 2026    | 1523    |



**FTSC6**

**Notes:**

- 1 Allowable loads have not been increased for wind, seismic, or other factors.
- 2 (2) #14 Shouldered screws (Proprietary HD Deflection Screws) shall be used per slot - placed with 1-in center-to-center spacing.
  - (4) total screws for the FTSC3 (3-5/8" Clip)
  - (6) total screws for the FTSC6 (6" Clip)
  - #14 Proprietary HD Deflection Screws are provided with each Flat Tail Slide Clip
- 3 The tabulated values for welds are based on the following weld lengths:
  - For FTSC3 (3-5/8" Clip) use (2) 2" of weld along parallel edges of the Flat Tail structural attachment leg. (As shown)
  - For FTSC6 (6" Clip) use (2) 2-3/4" of weld along parallel edges of the Flat Tail structural attachment leg. (As shown)
- 4 Use E70XX (min.) electrodes.
- 5 It is the responsibility of the design professional to detail the attachment of the clips and verify that their capacity meets the requirements of the intended application.