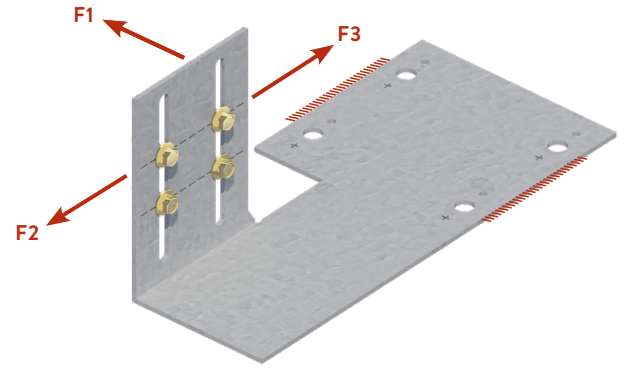


FLAT TAIL SLIDE CLIP™ (FTSC) - DESIGN GUIDE

ATTACHMENT TO STRUCTURE: **WELDED**

3-5/8" Flat Tail Slide Clip™ (FTSC3)

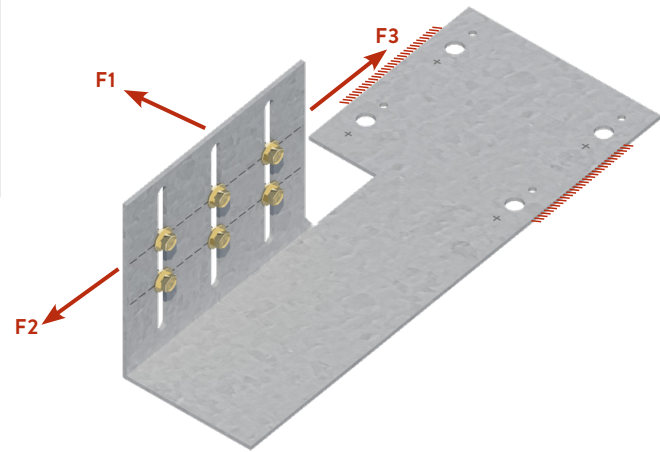
Clip designation	Thickness	Attachment to Structure	ASD Allowable Loads (lbs)		
			F1 Load	F2 Load	F3 Load
FTSC3-97 97mil (12ga)	33mil (20ga)	(2) Welds - min. 2" length each on either ends	110	506	428
	43mil (18ga)		144	660	397
	54mil (16ga)		261	759	596
	68mil (14ga)		268	766	673
	97mil (12ga)		468	909	769
FTSC3-118 118mil (10ga)	33mil (20ga)	(2) Welds - min. 2" length each on either ends	110	607	445
	43mil (18ga)		144	816	603
	54mil (16ga)		261	816	789
	68mil (14ga)		328	924	860
	97mil (12ga)		468	924	924



FTSC3

6" Flat Tail Slide Clip™ (FTSC6)

Clip designation	Thickness	Attachment to Structure	ASD Allowable Loads (lbs)		
			F1 Load	F2 Load	F3 Load
FTSC6-97 97mil (12ga)	33mil (20ga)	(2) Welds - min. 2-3/4" length each on either ends	165	869	594
	43mil (18ga)		216	959	755
	54mil (16ga)		392	1057	930
	68mil (14ga)		476	1220	1055
	97mil (12ga)		650	1558	1314
FTSC6-118 118mil (10ga)	33mil (20ga)	(2) Welds - min. 2-3/4" length each on either ends	165	953	594
	43mil (18ga)		216	1221	891
	54mil (16ga)		392	1515	1215
	68mil (14ga)		492	1682	1316
	97mil (12ga)		702	2026	1523



FTSC6

Notes:

- 1 Allowable loads have not been increased for wind, seismic, or other factors.
- 2 Stud connection is based on stud yield strength of: 33ksi for 20ga (33mil) and 18ga (43mil) studs. 50ksi for (16ga) 54mil and thicker.
- 3 (2) #14 Shouldered screws (FastClip™ 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 FastClip Deflection Screws are provided with each Flat Tail Slide Clip
- 4 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)
- 5 Use E70XX (min.) electrodes.
- 6 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.