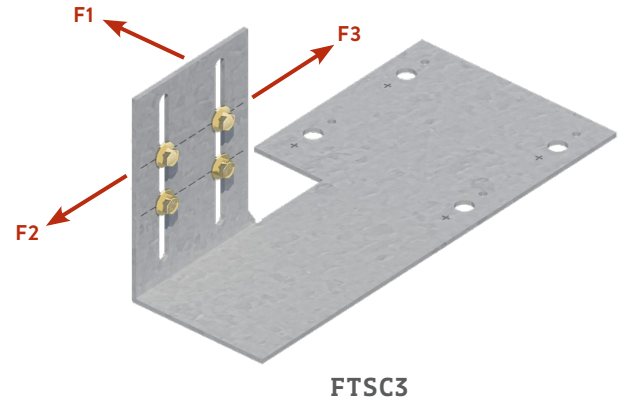


**FLAT TAIL SLIDE CLIP™ (FTSC) - DESIGN GUIDE**

ATTACHMENT TO STRUCTURE: **DESIGNED BY OTHERS**

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

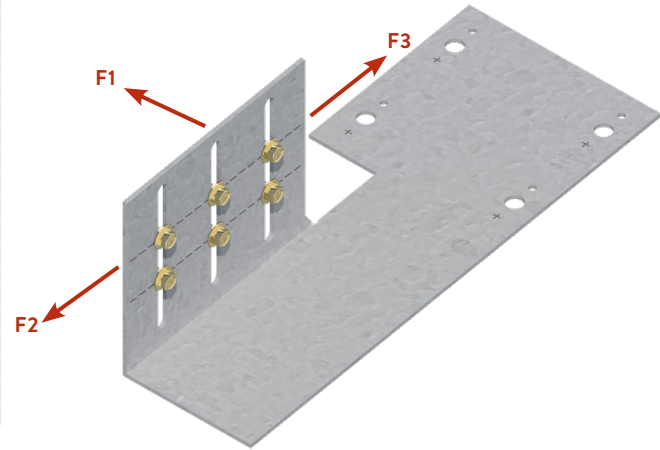
Clip designation	Thickness	Attachment to Structure	ASD Allowable Loads (lbs)		
			F1 Load	F2 Load	F3 Load
FTSC3-97 97mil (12ga)	33mil (20ga)	(2) Fasteners to be designed by others	110	416	388
	43mil (18ga)		144	548	397
	54mil (16ga)		261	759	596
	68mil (14ga)		268	766	673
	97mil (12ga)		468	909	699
	33mil (20ga)	(4) Fasteners to be designed by others	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) Fasteners to be designed by others	110	607	406
	43mil (18ga)		144	816	603
	54mil (16ga)		261	816	774
	68mil (14ga)		328	924	834
	97mil (12ga)		468	924	924
	33mil (20ga)	(4) Fasteners to be designed by others	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 12ga (97mil)	33mil (20ga)	(2) Fasteners to be designed by others	165	845	551
	43mil (18ga)		216	946	724
	54mil (16ga)		316	1057	914
	68mil (14ga)		444	1163	962
	97mil (12ga)	444	1383	1063	
	33mil (20ga)	(4) Fasteners to be designed by others	165	869	594
	43mil (18ga)		216	959	755
54mil (16ga)	392		1057	930	
FTSC6-118 118mil (10ga)	68mil (14ga)	(4) Fasteners to be designed by others	476	1220	1055
	97mil (12ga)		650	1558	1314
	33mil (20ga)		165	861	594
	43mil (18ga)	(2) Fasteners to be designed by others	216	1173	874
	54mil (16ga)		337	1515	1181
	68mil (14ga)		492	1682	1265
	97mil (12ga)		492	2026	1439
	33mil (20ga)	(4) Fasteners to be designed by others	165	953	594
	43mil (18ga)		216	1221	891
	54mil (16ga)		392	1515	1215
68mil (14ga)	492		1682	1439	
97mil (12ga)		702	2026	1523	



**FTSC6**

**Notes:**

- Capacities represent the capacity of the clip and the stud connection.
- Allowable loads have not been increased for wind, seismic, or other factors.
- Stud connection is based on stud yield strength of: 33ksi for 20ga (33mil) and 18ga (43mil) studs. 50ksi for (16ga) 54mil and thicker.
- (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
- 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.