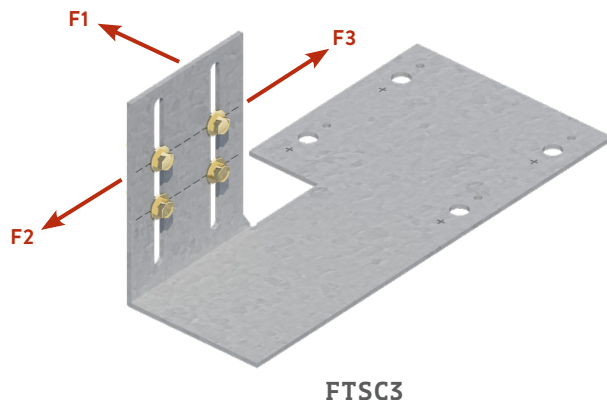


FLAT TAIL SLIDE CLIP™ (FTSC) - DESIGN GUIDE

ATTACHMENT TO STRUCTURE: 12-24 FASTENERS INTO STEEL

3-5/8" Flat Tail Slide Clip™ (FTSC3)

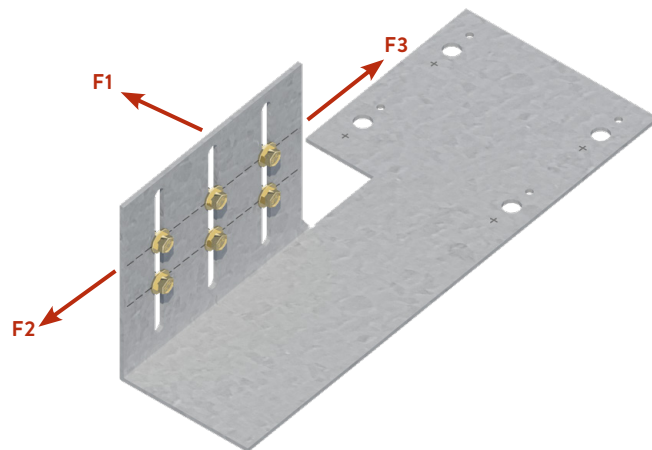
Clip designation	Thickness	Attachment to Structure	ASD Allowable Loads (lbs)		
			F1 Load	F2 Load	F3 Load
FTSC3-97 97mil (12ga)	33mil (20ga)	(2) 12-24 Fasteners to 3/16" Steel	110	416	388
	43mil (18ga)		144	548	397
	54mil (16ga)		258	716	596
	68mil (14ga)		258	716	673
	97mil (12ga)	(4) 12-24 Fasteners to 3/16" Steel	258	716	699
	33mil (20ga)		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) 12-24 Fasteners to 3/16" Steel	110	607	406
	43mil (18ga)		144	763	603
	54mil (16ga)		261	763	763
	68mil (14ga)		276	763	763
	97mil (12ga)	(4) 12-24 Fasteners to 3/16" Steel	276	763	763
	33mil (20ga)		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) 12-24 Fasteners to 3/16" Steel	165	716	551	
	43mil (18ga)		216	716	716	
	54mil (16ga)		239	716	716	
	68mil (14ga)		239	716	716	
	97mil (12ga)	(4) 12-24 Fasteners to 3/16" Steel	239	716	716	
	33mil (20ga)		165	869	594	
	43mil (18ga)		216	959	755	
FTSC6-118 118mil (10ga)	54mil (16ga)	(4) 12-24 Fasteners to 3/16" Steel	392	1057	930	
	68mil (14ga)		476	1096	1055	
	97mil (12ga)		541	1096	1096	
	33mil (20ga)		165	763	594	
	43mil (18ga)	(2) 12-24 Fasteners to 3/16" Steel	216	763	763	
	54mil (16ga)		256	763	763	
	68mil (14ga)		256	763	763	
	97mil (12ga)		256	763	763	
	33mil (20ga)		(4) 12-24 Fasteners to 3/16" Steel	165	953	594
	43mil (18ga)			216	1145	891
	54mil (16ga)			392	1145	1145
68mil (14ga)	492	1145		1145		
97mil (12ga)	576	1145	1145			



FTSC6

Notes:

- 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
- #12-24 Fasteners shall be used for attachment to steel structure. (2) Fastener condition shall be used when a larger offset is required between the structure and the stud. In all other conditions (4) Fastener condition shall be used. Screws to be placed through 5/16" pilot holes in FTSC.
- The minimum edge distance for each fastener type shall comply with the fastener manufacturer's recommendation.
- Capacities listed for 12-24 Fasteners are based on screw strengths listed in ICC ESR-1976.
- 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.