DESC - Exterior Head-of-Wall Drift Clip

Product Application

The DESC exterior head-of-wall drift clip attaches the exterior stud to the top track, which is fastened to the building structure. This clip allows for vertical deflection and lateral drift while preventing vertical load transfers into the curtain wall.

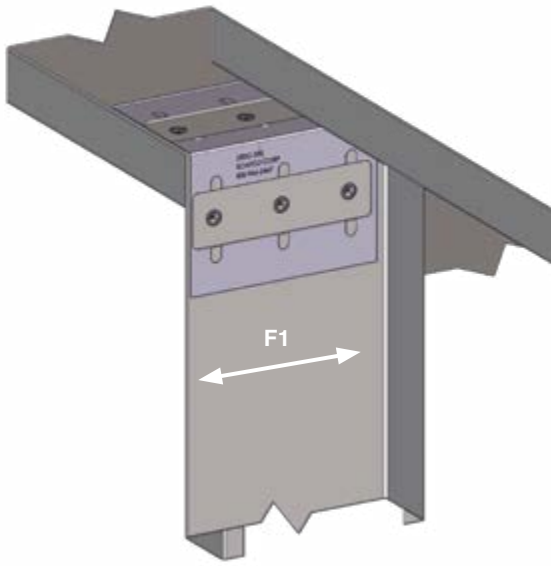
The inserts are attached to the clip, making installation quick, easy, and efficient. Clips come packaged in durable buckets for convenient handling on the jobsite.

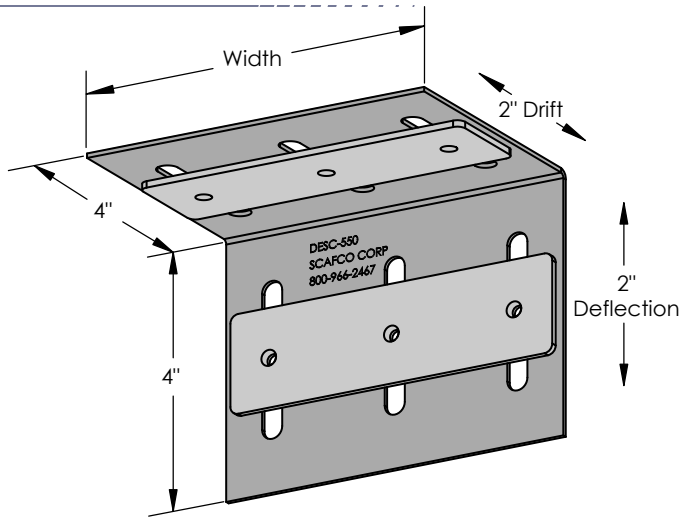
Features and Benefits

- Insert allows for 2" total vertical deflection and 2" lateral drift
  - *Deflection / drift greater than 2" is available*
- Loads based on #10 screw connection
  - *Screws are provided*
- Pre-punched guide holes
- Transfers horizontal load into structure
- Provides positive attachment at each stud

Material Composition

- Mill certified steel
- ASTM A653/A653M
- Clip
  - *68 mil material thickness*
  - *57 ksi yield strength*
  - *65 ksi tensile strength*
  - *G90 galvanized coating*
- Insert
  - *97 mil material thickness*
  - *57 ksi yield strength*
  - *65 ksi tensile strength*
  - *G90 galvanized coating*





Quantity / Order Information

Part No.	Width	Qty / Bucket	Lbs / Bucket
DESC337	3 ⅜"	50	40
DESC550	5 ½"	30	39
DESC750	7 ½"	30	53
DESC950	9 ½"	20	45
DESC1150	11 ½"	20	54

All DESC slide clips include inserts. Additional lengths available upon request.

Allowable Loads

Part No.	Stud Properties			F1 Allowable Loads (lbs)
	Mil	Gauge	Fy (ksi)	2 #10 Screws*
DESC 337	33EQS	20	57	402
	33	20	33	353
	43EQS	18	57	635
	43	18	33	526
	54	16	50	830
	68	14	50	830
	97	12	50	830
	118	10	50	830
Maximum Allowable Clip Capacity				**Max F1 = 380 lbs**

Part No.	Stud Properties			F1 Allowable Loads (lbs)	
	Mil	Gauge	Fy (ksi)	2 #10 Screws*	3 #10 Screws*
DESC 550 750 950 1150	33EQS	20	57	402	603
	33	20	33	353	530
	43EQS	18	57	635	795
	43	18	33	526	789
	54	16	50	795	795
	68	14	50	795	795
	97	12	50	795	795
	118	10	50	795	795
Maximum Allowable Clip Capacity				**Max F1 = 795 lbs**	

** Number of screws per insert*

Table Notes

1. Allowable loads have not been increased for wind, seismic activity, or other factors.
2. The allowable loads are based on the steel properties of the members being connected, per AISI S100.
3. The nominal strength of the screw must be at least 3.75 times the allowable load.
4. Penetration of screws through joined materials should not be less than three exposed threads. Install and tighten screws in accordance with the screw manufacturer's recommendations.
5. Screw shear capacities are based on allowable strength design (ASD) and include a safety factor of 3.0.
6. Allowable loads indicated on the table(s) are for force in single direction only. The designer shall use the combined forces check as required by AISI S100 if more than one force is applied to the connection.
7. The designer shall check the bending in the structural attachment leg of the clip.