PRODUCT APPLICATION

DriftClip® DSL is available to accommodate vertical deflection and lateral drift requirements at head of wall. Step Bushings pre-installed in vertical slots allow up to 2" vertical deflection (1" up and down). Horizontal slots accommodate 2" lateral drift (1" left and right -- in plane), with Step Bushings also pre-installed through the manufacturing process. Load tables are provided for attachment to stud. If more than 2" lateral drift is required, contact TSN engineering for more information.

MATERIAL COMPOSITION

Steel: ASTM A653/A653M, Grade 50 (340), 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, G-90 (Z275) hot-dipped galvanized coating. Standard DSL thickness is 97mil (0.1017" design thickness).

The attachment of DriftClip to the primary structure is dependent upon the base material (steel or concrete) and the design configuration, and is the responsibility of the Structural Engineer of Record. The step bushing is optimized for use of a 1/4" - 20 fastener.

DRIFTCLIP DSL NOMENCLATURE

DriftClip DSL is classified by multiplying stud depth by 100.

Example: 4" stud
Designate: DriftClip DSL400.

One row of bridging is recommended at a maximum distance of 12" from DriftClip to resist torsional effects.

DRIFTCLIP DSL VALUE

- Positive, load rated mechanical attachments
- Only mill-certified, 50ksi steel is used
- Step Bushings pre-installed for accurate placement
- Rated screws provided
- Load transferred from stud web
- Meets all building code criteria
- Adaptable for multiple configurations

DRIFTCLIP DSL INSTALLATION

Attach track to structure with required fasteners.

Attach DriftClip DSL to structure with required fasteners through each Step Bushing.

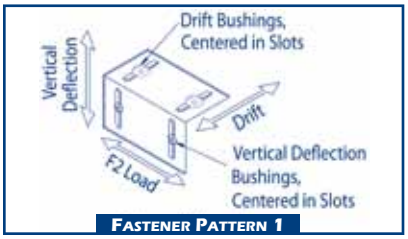
Attach DriftClip DSL to stud with provided #12 screws through each Step Bushing.

QUANTITY / ORDER INFORMATION

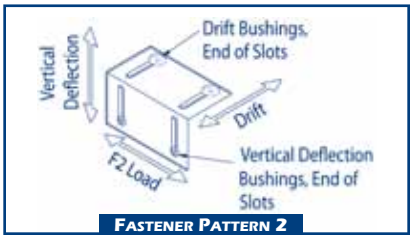
Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
DSL362/400	50	36	2250	1620
DSL600	50	60	2250	2700
DSL800	25	40	1125	1800

ALLOWABLE (UNFACTORED) LOADS[1]

An ICC-ES Evaluation Report for DriftClip DSL is available. Refer to ICC-ESR-2049 at www.icc-es.org or at www.steelnetwork.com.



Fastener Pattern 1 replicates a condition of out-of-plane wind or seismic force with no vertical live load deflection or in-plane drift.



Fastener Pattern 2 replicates a condition of out-of-plane wind or seismic force with full vertical live load deflection and full in-plane drift.

DriftClip Series	Stud Thickness Mils (ga)	Fy (yield) Stud (ksi)	Allowable (Unfactored[1]) Loads — Fastener Pattern 1					Fastener Pattern 2				
			DSL362 F2 w/2 #12 Screws (kips)	DSL600 F2 w/2 #12 Screws (kips)	DSL600 F2 w/3 #12 Screws (kips)	DSL800 F2 w/2 #12 Screws (kips)	DSL800 F2 w/3 #12 Screws (kips)	DSL362 F2 w/2 #12 Screws (kips)	DSL600 F2 w/2 #12 Screws (kips)	DSL600 F2 w/3 #12 Screws (kips)	DSL800 F2 w/2 #12 Screws (kips)	DSL800 F2 w/3 #12 Screws (kips)
DSL Clip is 12ga (97 mils)	33 (20)	33	0.357	0.377	0.531	0.377	0.565	0.129	0.377	0.418	0.377	0.565
	33 (20)	50	0.357	0.531	0.531	0.544	0.817	0.129	0.418	0.418	0.544	0.817
	43 (18)	33	0.357	0.531	0.531	0.561	0.841	0.129	0.418	0.418	0.560	0.841
	43 (18)	50	0.357	0.531	0.531	0.810	1.041	0.129	0.418	0.418	0.810	1.041
	54 (16)	33	0.357	0.531	0.531	0.789	1.041	0.129	0.418	0.418	0.789	1.041
	54 (16)	50	0.357	0.531	0.531	1.041	1.041	0.129	0.418	0.418	1.041	1.041
	68 (14)	50	0.357	0.531	0.531	1.041	1.041	0.129	0.418	0.418	1.041	1.041
	97 (12)	50	0.357	0.531	0.531	1.041	1.041	0.129	0.418	0.418	1.041	1.041

LOAD DIRECTION

1 For LRFD Design Strengths refer to ICC-ESR-2049 (p33).

- Load tables reflect horizontal loads (F2) with 2 #12 screws.
- Design loads are for attachment of DriftClip DSL to stud only.
- Attachment to structure engineered by others.
- Allowable loads have not been increased for wind, seismic, or other factors
- Two #12 screws are provided with each DriftClip DSL for attachment to stud. If loads justify use of a third screw, TSN will provide 3 slots, 3 step bushings and 3 screws with each clip.