

PRODUCT APPLICATION

DriftClip® DSLD is available to accommodate interior head of wall vertical deflection and lateral drift requirements. 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 during 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-60 (Z180) hot-dipped galvanized coating. Standard DSLD thickness is 33 mil (0.036" design thickness).

The attachment of DriftClip to the primary structure is dependent upon the base material (steel or concrete) and the design configuration. The step bushing is optimized for use of a #8 (.164") fastener.

DRIFTCLIP DSLD NOMENCLATURE

DriftClip DSLD is classified by multiplying stud depth by 100.

Example: 3 5/8" stud

Designate: DriftClip DSLD362.



DRIFTCLIP DSLD INSTALLATION



Attach track to structure with required fasteners.



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



Attach DriftClip DSLD to stud with provided #8 screws through each Step Bushing.

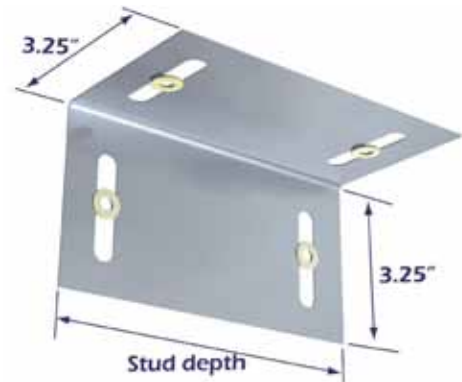
DRIFTCLIP DSLD VALUE

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

QUANTITY / ORDER INFORMATION

Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
DSL362/400	100	41	4500	1845
DSL600	50	34	2250	1530
DSL800	50	46	2250	2070

LOAD DIRECTION



ALLOWABLE (UNFACTORED) LOADS¹

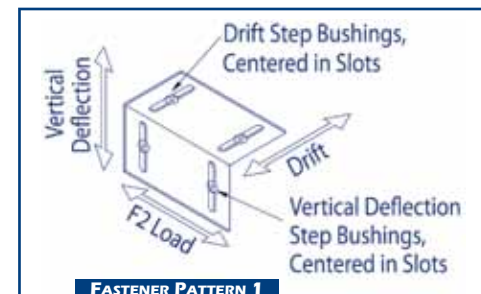


An ICC-ES Evaluation Report for DriftClip DSLD is available. Refer to ICC-ESR-2049 at www.icc-es.org or at www.steelnetwork.com.

DriftClip Series	Stud Thickness Mils (ga)	Fy (yield) Stud (ksi)	Allowable (Unfactored ¹) Loads					
			Fastener Pattern 1			Fastener Pattern 2		
			DSL362 F2 w/2 #8 Screws (kips)	DSL600 F2 w/2 #8 Screws (kips)	DSL800 F2 w/2 #8 Screws (kips)	DSL362 F2 w/2 #8 Screws (kips)	DSL600 F2 w/2 #8 Screws (kips)	DSL800 F2 w/2 #8 Screws (kips)
DSL Clip is 20ga (33mils)	18 (25)	33	0.055	0.132	0.132	0.027	0.107	0.132
	27 (22)	33	0.055	0.178	0.199	0.027	0.107	0.183
	33 (20)	33	0.055	0.178	0.199	0.027	0.107	0.183
	33 (20)	50	0.055	0.178	0.199	0.027	0.107	0.183
	43 (18)	33	0.055	0.178	0.199	0.027	0.107	0.183
	43 (18)	50	0.055	0.178	0.199	0.027	0.107	0.183
	54 (16)	33	0.055	0.178	0.199	0.027	0.107	0.183
54 (16)	50	0.055	0.178	0.199	0.027	0.107	0.183	

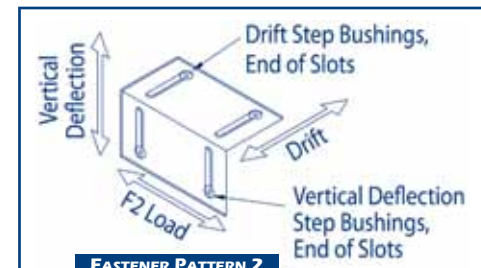
¹ For LRFD Design Strengths refer to ICC-ESR-2049 (p33).

- ◆ Load tables reflect horizontal loads (F2).
- ◆ Design loads are for attachment of DriftClip DSLD to stud only.
- ◆ Attachment to structure engineered by others.
- ◆ Allowable loads have not been increased for wind, seismic, or other factors
- ◆ Two #8 screws are provided with each DriftClip DSLD for attachment to stud.



FASTENER PATTERN 1

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

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.