

PRODUCT APPLICATION

DriftTrak® DTSLB is available to accommodate vertical deflection and lateral drift requirements. VertiClip® SLB's, with Step Bushings pre-installed in vertical slots, allow up to 2" vertical deflection (1" up and down). Clips are manufactured to fit into the DriftTrak and provide free lateral movement of the structure. DriftTrak is available in 12' lengths.

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 (clip only), G-60 (Z180) hot-dipped galvanized coating (track). Standard DTSLB clip thickness is 68mil (0.713" design thickness). Track thickness is 97mil (0.1017" design thickness).

Note: Allow a minimum of 0.875" from the structure to the inside flange of the bypassing stud to allow for track attachment.

DRIFTTRAK DTSLB NOMENCLATURE

DriftTrak DTSLB is classified by multiplying stud depth by 100.

Example: 6" stud

Designate: DriftTrak DTSLB600.

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

DRIFTTRAK DTSLB INSTALLATION



Attach DriftTrak to structure at required spacing with specified fasteners.



Twist clip into track. Ensure stiffener is in place prior to installation into track.



Attach clip to stud with provided screws through Step Bushings.

QUANTITY / ORDER INFORMATION

Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
DTSLB362/400	50	25	2250	1125
DTSLB600	50	32	2250	1440
DTSLB800	50	42	2250	1890
DriftTrak	N/A	25 (piece)	100	2500

ALLOWABLE (UNFACTORED) LOADS¹

Fastener Pattern 1 & 2

DriftTrak DTSLB	Stud Thickness Mils (ga)	Fy (yield) Stud (ksi)	F2 w/2 #12 Screws (kips)	F2 w/3 #12 Screws (kips)
8" Fastener Spacing in Track to Structure (or welded on both sides)	33 (20)	33	0.377	0.565
	33 (20)	50	0.544	0.808
	43 (18)	33	0.561	0.808
	43 (18)	50	0.808	0.808
	54 (16)	33	0.789	0.808
	54 (16)	50	0.808	0.808
	68 (14)	50	0.808	0.808

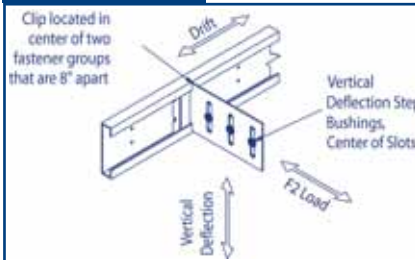
Fastener Pattern 1 & 2

DriftTrak DTSLB	Stud Thickness Mils (ga)	Fy (yield) Stud (ksi)	F2 w/2 #12 Screws (kips)	F2 w/3 #12 Screws (kips)
16" Fastener Spacing in Track to Structure (or welded on both sides)	33 (20)	33	0.377	0.565
	33 (20)	50	0.544	0.638
	43 (18)	33	0.561	0.638
	43 (18)	50	0.638	0.638
	54 (16)	33	0.638	0.638
	54 (16)	50	0.638	0.638
	68 (14)	50	0.638	0.638



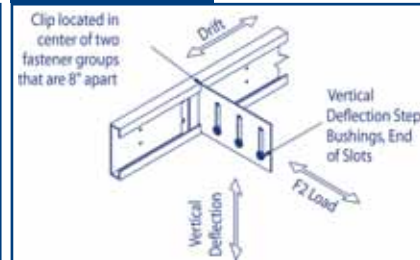
An ICC-ES Evaluation Report for DriftTrak DTSLB is available. Refer to ICC-ESR-2049 at www.icc-es.org or at www.steelnetwork.com.

FASTENER PATTERN 1



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

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

- ◆ Load tables reflect horizontal loads (F2).
- ◆ Design loads are for attachment of DriftTrak DTSLB 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 DriftTrak DTSLB 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.

DRIFTTRAK® DTSLB

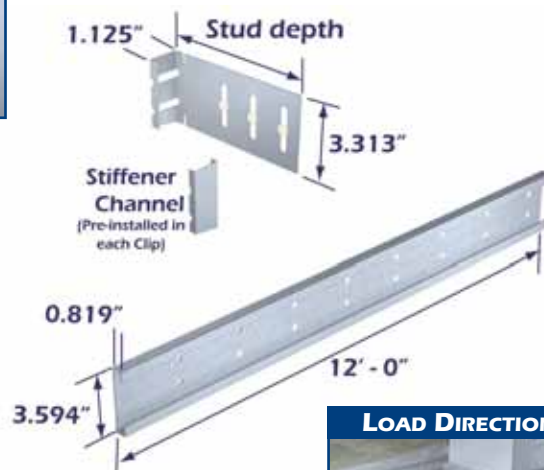


Patent Pending



DRIFTTRAK DTSLB VALUE

- ◆ Positive, load rated mechanical attachment to stud
- ◆ Drift amount limited only to stud spacing and wall termination
- ◆ Step Bushings & Stiffener pre-installed for accurate placement
- ◆ Rated screws provided for attachment to stud web
- ◆ Grooves in 1" leg pass over fastener heads



LOAD DIRECTION

