

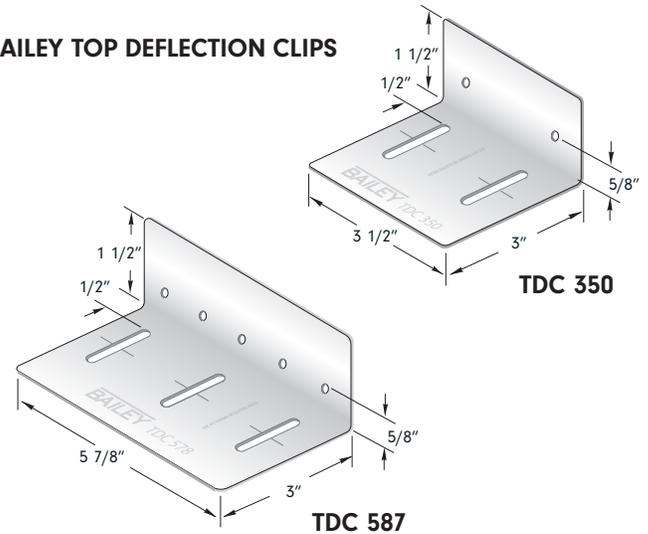


## BAILEY TOP DEFLECTION CLIP (TDC 350 AND TDC 587)

Used on exterior curtain wall studs to allow for building structure deflection at the top of the wall. BAILEY TOP DEFLECTION CLIPS can also be used for non-load bearing interior wall requirements.

- Allows for up to 1.5" deflection (0.75" in each direction)
- Available in two sizes with 2 slots to accommodate 3 5/8" and 4" studs or 3 slots to accommodate 6" and 8" studs
- Designed with pre-punched holes to ensure correct fastening locations
- Can be used with Bailey Slotted Track where required

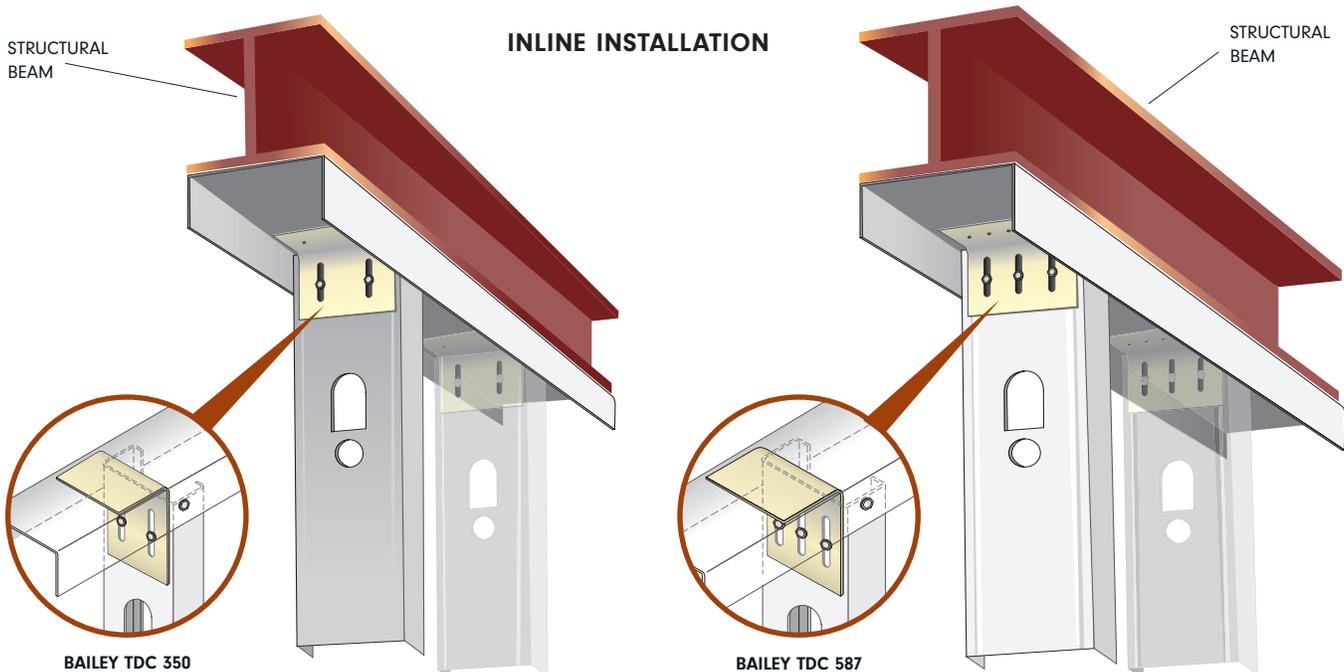
### BAILEY TOP DEFLECTION CLIPS



### BAILEY TDC 350 AND TDC 587 PROPERTIES

Product Identification	Base Steel Thickness		Size		Weight*	Mass*	Yield Strength** ksi	Coating***	Packaging Pcs/Ctn	
	Mils	Design		in.						mm
		in.	mm							
TDC 350	68	0.0713	1.81	1.5x3x3.5	38.1x76.2x88.9	0.301	0.137	50	G90	25
TDC 587				1.5x3x5.87	38.1x76.2x149	0.506	0.229			

\* Weight is based on design steel thickness of net section. \*\* Meets ASTM A1003: Specification for Steel Sheet, Carbon, Metallic and Nonmetallic-Coated for Cold-Formed Framing Members. \*\*\* Meets ASTM A653: Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.





## BAILEY TOP DEFLECTION CLIP (TDC 350 AND TDC 587)

### INSTALLATION

The Bailey TDC 350 or TDC 587 Deflection Clip can be attached to the structure using power actuated fasteners (PAF), screws, concrete anchors or by welding, depending on the base material of the structure and as specified by the engineer of record and outlined on the engineered shop drawings.

### LOAD CAPACITIES

	Stud Identification	Stud Steel Properties		Service Limit Load	Ultimate Load	LSD Factored Load Resistance
		Mils	Yield Strength (ksi)	lb	lb	lb
TDC 350	362 S 162 - 33	33	33	896	896	427
	362 S 162 - 43	43	33	1322	1346	641
	362 S 162 - 54	54	50	1582	1940	924
	362 S 162 - 68	68	50	1546	2317	1104
TDC 587	600 S 162 - 33	33	33	1068	1068	509
	600 S 162 - 43	43	33	2036	2036	970
	600 S 162 - 54	54	50	2983	2983	1421
	600 S 162 - 68	68	50	3525	4110	1958

### TABLE NOTES

- Clip capacity loads were obtained from tests performed under the supervision of Dr. R. M. Schuster, P. Eng.
- Above loads are based on using #12 screws and following the installation instructions
- The service limit load was recorded at 1/8" deflection according to the Research Note published by LGSEA on CFS "Testing and Establishing Design Values for Clips" by Roger LaBoube, P.E., Ph.D., February 2002
- Minimum gap required between the top of the stud and the TDC is 0.75" or as specified by the engineer of record
- Ultimate loads are based the maximum clip resistance
- LSD factored load resistances were derived according to section F1.1 of CSA S136-07
- Anchoring the TDC to the structure is the responsibility of the engineer of record

### STAND-OFF APPLICATION

