

Wall Brace Tensioner (WBT)



Remove the Slack from CFS Strap Bracing

The WBT Wall Brace Tensioner is an easy to use device that can reduce the slack from cold-formed steel (CFS) strap bracing. With the ability to pull as much as 1/2" of slack for a single strap, the WBT can play an important role in reducing deflection in braced wall panels, making installation of cladding easier. Tightening the wall straps is not the easiest jobsite installation task, but this tensioner improves the efficiency of setting the straps to a desired tightness with less hassle.

Features

- Removes up to 1/2" of slack from a single strap
- Can be used on straps up to 6" wide, 14 ga. (68 mil) thick
- Max torque on bolt in strap is 115 in.-lb.
- Compatible with generic strap and Simpson Strong-Tie® CS Coil Strap
- Sold in a box of (30) WBT connectors, including (30) bolts and nuts

Material

Connector: 10 ga.
 Finish: G90
 Bolt: M6 (6mm) ASTM A307 Grade A Class 5
 Nut: ASTM A563 Grade A

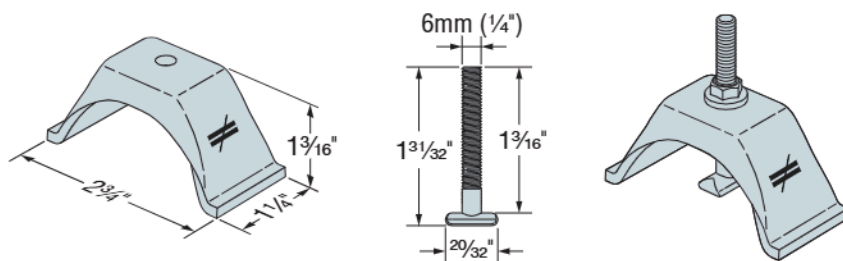
Load Capacity

- Design strap for net section capacity at WBT hole in addition to other applicable limits states per AISI requirements



WBT Ordering Information and Dimensions

Model No.	Thickness (mil)	Width	Length	Height	Bolt	Coating (Connector)	Coating (Bolt and Nut)	Packaging Qty
WBT-KT30	118	1 1/4"	2 3/4"	1 3/16"	6mm (1/4")	Zinc Galvanized G90	Zinc Electroplate (5µm)	30



Installation

- Place WBT near center of diagonal brace
- Drill 1/4"-dia. hole through the center of strap width
- Install bolt through strap hole and WBT with nut facing towards the wall cavity
- Tightening the nut requires 10mm hex head socket setter
- Tighten until the slack is taken out of the strap