

# Technical data sheet

**SIMPSON**

**Strong-Tie**

## DTT Deck Tension Tie

*The DTT tension ties are designed for lighter duty holddown applications and are ideal for retrofit or new construction projects.  
DTT tension ties are single piece formed tension ties.*

### Features

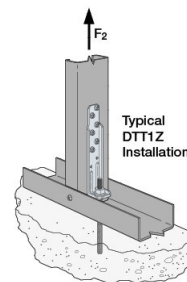
#### Material

**Pre-galvanised steel. Thickness : 2.0mm  
ZMAX<sup>®</sup> coating**

**NEW**



**OUTDOOR**

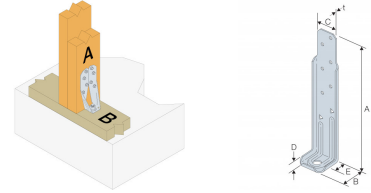


Typical  
DTT1Z  
Installation

DTT  
Deck Tension Tie

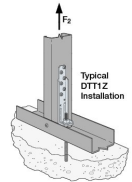
## Technical Data

### Product Dimensions



References	Dimensions and drill holes [mm]									
	A	B	C	D	E	t	Joist		Holes Flange B	Box Quantity
							Ø 4.3	Tri	Ø 11	
DTT1Z	180	37	38	7	19	2	6	2	1	40

### DTT - LGS Performance Data



References	Fasteners				Installation	Minimum Stud Thickness [mm]	Safe Working Loads [kN]		Characteristic Capacities [kN]	
	Stud		Anchor Bolt				R <sub>2,SWL,ST</sub>	Deflection at Load [mm]	R <sub>2,K</sub>	Deflection at Load [mm]
	Qty	Type	Qty	Ø [mm]						
DTT1Z	6	X34B1016	1	10	Single Stud	0.9	4	4	5.6	6.4

#### Table Notes:

- Performance values are based upon tests completed by Simpson Strong-Tie U.S. in accordance to ICC-ES AC208.1 - Acceptance criteria for connectors used with Cold-Formed Steel Structural Members.
- Deflection at Load is the deflection of the holdown measured between the anchor bolt and the strap portion of the holdown when loaded to the stated tension load.
- The engineer or designer shall be responsible for specifying suitable anchor type, embedment and configuration.

