

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ⁵				Minimum CFS Stud ⁶	Allowable Tension Loads (Lbs.) ^{3,4}	
			W	L	D	CL	Anchor Bolt ¹		Screws ^{2,7}			100%	160%
							Qty	Dia. (in)	Qty	Type			
DTB/S-TZ	S/DTT2Z	14	1-13/16	6	2-1/4	1-1/8	1	1/2	8	#14	18 Ga	1655	1655

1) Use ASTM A307 bolt or threaded rod with cut washer and nut.

2) Designer shall specify steel-to-steel self-tapping screw with a minimum nominal shear strength 2,600 lbs.

3) Allowable loads include a 60% increase for wind or seismic load conditions. No further increase shall be permitted.

4) Allowable load values of the holdown (tie-down) device are a measure of the strength of the assembly with a safety factor of 3.0 applied to the lowest maximum test load.

5) Fasteners shall be specified and installed per manufacturer's specifications.

6) CFS stud must be a minimum 18 Ga and Grade 33.

7) #14 screws are self-drilling 0.250 inch diameter hardened washer-head screws with a minimum nominal shear strength of 3,050 pounds.