

MiTek Stock No.	Ref No.	Steel Thickness		Dimensions (in)			Fastener Schedule			CFS Member			ASD		LRFD		Nominal Tension Load ⁶ (in)
		Body	Base (in)	W	L	CL	Anchor Bolt ²	Stud Screws ⁴		Stud ^{1,3}			Tension (Lbs.)	Deflection ⁵ (in)	Tension (Lbs.)	Deflection ⁵ (in)	
							Dia. (in)	Qty	Type	Plies	Mils	Gr					
TD8S	S/HD8S	10	3/8	2-1/2	13-7/8	1-5/8	7/8	24	#10	2	33	33	8250	0.074	13200	0.164	22325
										2	43	33	10115	0.109	16350	0.242	27650
										2	54	50	10900	0.091	17435	0.205	29485
TD10S	S/HD10S	10	3/8	2-1/2	16-1/8	1-5/8	7/8	30	#10	2	33	33	8690	0.071	13900	0.159	24575
										2	43	33	9310	0.076	14900	0.195	26335
										2	54	50	9985	0.058	15975	0.146	28235
TD15S	S/HD15S	7	1/2	2-5/8	21-1/2	1-11/16	1	48	#10	2	33	33	11780	0.075	18845	0.146	33410
										2	43	33	13770	0.100	22035	0.192	39065
										2	54	50	15920	0.096	25475	0.144	45160

1) Back-to-back stud members are required.

2) The designer must specify anchor bolt type, length, and embedment.

3) Designer shall verify the adequacy of the steel studs to transfer the required load.

4) #10 screws are self-drilling 0.190 inch diameter hardened washer-head screws with a minimum nominal shear strength of 1,650 pounds.

5) Holdown deflection at ASD and LRFD static test load includes fastener slip, holdown deflection, and anchor bolt elongation.

6) The nominal tension load is based on the average of the ultimate tested values.