

MiTek Stock No.	Ref. No.	Steel Thickness		Fastener Schedule				Allowable Tension Loads (Lbs.) ^{1,2,4}					
				To Sill Plate		To Stud		2-33 mil (2-20ga) Back-to-Back Studs		2-43 mil (2-18ga) Back-to-Back Studs		2-54 mil (2-16ga) Back-to-Back Studs	
		Strap Gauge	Plate (in)	Anchor Bolt ³		Screws ⁵		100%	160%	100%	160%	100%	160%
				Qty	Dia. (in)	Qty	Type						
LTS20B	S/LTT20	12	1/4	1	3/4	5	#10	885	1140	1090	1090	1210	1210
HTT14S	S/HTT14	10	--	1	5/8	14	#10	2480	3290	3680	4425	4825	4825

1) Back-to-back stud members are required unless otherwise noted.

2) Allowable loads at 160% can only be used with codes that permit the use of alternate basic load combinations and when the referenced materials standard permits it.

3) Designer shall specify anchor embedment and configuration.

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

5) #10 screws are self-drilling 0.190 inch diameter hardened washer-head screws with a minimum nominal shear strength of 1,650 pounds.