

MiTek Stock No.	Ref. No.	W (in)	Install Type	Min Vert Web Size	Fastener Schedule ^{1,3}						DF/SP Allowable Loads (Lbs.)					S-P-F Allowable Loads (Lbs.)				
					Supporting Truss ^{4,5}			Supported Truss												
					Qty	Type ⁵	Min. No. of Plies	Qty ⁶	Type	No. of Plies										
											Floor	Roof			Wind ⁸	Uplift ²	Floor	Roof		
						100%	115%	125%	160%	160%	100%	115%	125%	160%	160%					
GTQ218	THGQ2-SDS3, THGQH2-SDS3	3-1/4	Min	2x6	18	WS3	2	20	WS3	2	6965	7900	7900	7900	4595	6225	6605	6605	6605	3845
			Max	2x8	30						11610	13160	13160	13160	4595	10375	11005	11005	11005	3845
GTQM218 ⁷	THGQ3.62-SDS3, THGQH3.62-SDS3	3-5/8	Min	2x6	18	WS3	2	20	WS3	2	6965	7900	7900	7900	4595	6225	6605	6605	6605	3845
			Max	2x8	30						11610	13160	13160	13160	4595	10375	11005	11005	11005	3845
GTQ318	THGQ3-SDS4.5, THGQH3-SDS4.5	4-7/8	Min	2x6	25	WS45	3	20	WS45	3	11480	11480	11480	11480	4595	10240	10240	10240	10240	3810
			Max	2x8	33						14665	14665	14665	14665	4760	14500	14500	14500	14500	3945
GTQM318 ⁷	THGQ5.50-SDS4.5, THGQH5.50-SDS4.5	5-1/2	Min	2x6	25	WS45	3	20	WS45	3	11480	11480	11480	11480	4595	10240	10240	10240	10240	3810
			Max	2x8	33						14665	14665	14665	14665	4760	14500	14500	14500	14500	3945
GTQ420	THGQH4-SDS6	6-1/2	Min	2x8	41	WS6	4	20	WS6	4	14435	14435	14435	14435	4690	14435	14435	14435	14435	3745
			Max	2x10	47						17600	17600	17600	17600	4690	15795	15795	15795	15795	3745
GTQM420 ⁷	THGQH7.25-SDS6	7-1/4	Min	2x8	41	WS6	4	20	WS6	4	14435	14435	14435	14435	4690	14435	14435	14435	14435	3745
			Max	2x10	47						17600	17600	17600	17600	4690	15795	15795	15795	15795	3745

- 1) MiTek's WS3 (1/4" dia. x 3" long), WS45 (1/4" dia. X 4-1/2" long, and WS6 (1/4" dia. x 6" long) structural wood screws are included with GTQ and GTQM hangers.
- 2) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 3) MiTek's WS structural wood screws may be installed through metal truss connector plates as approved by truss designer per ANSI/TPI 1-2014 Section 7.5.3.4 and 8.9.2.
Pre-drilling required through the plate using a maximum of 5/32" bit.
- 4) Truss plies of the supporting member must be fastened together to transfer the load (through all truss plies) that is not transferred by the hanger screws; fastening schedule is to be specified by the truss designer.
- 5) If the length of the screws going into the supporting truss are longer than the thickness of the plies, refer to the backer block installation on page 287.
- 6) MiTek's WS structural wood screws specified for supported member must ALL be installed into the supported member while maintaining a minimum 5/8" edge distance where truss connector plates are not present.
- 7) Supported members on GTQM hangers shall have Specific Gravity of not less than 0.46.
- 8) Wind (160%) is a download value.