

No. of Plys	MiTek Stock No.	Ref. No.	Steel Gauge	Fastener Schedule ^{2,3,7,8}								DF/SP			S-P-F		
				Rafter/Truss		Plate		Stud		CMU/Concrete Wall ⁵		Allowable Loads (Lbs.) ¹			Allowable Loads (Lbs.) ¹		
				Qty	Type	Qty	Type	Qty	Type	Qty	Screw Anchor ⁶	Uplift ⁴ 160%	F1 160%	F2 160%	Uplift ⁴ 160%	F1 160%	F2 160%
Wood-to-Wood Installation																	
1	LUGT1	H10S	18	8	8d x 1-1/2	8	8d x 1-1/2	7	8d x 1-1/2	--	--	1045	600	175	920	470	175
2	LUGT2	LGT2	14	16	10d	2	10d	14	10d	--	--	2020	880	495	1780	685	495
	LUGTC2	--	14	16	10d	2	10d	14	10d	--	--	2020	--	455	1780	--	355
3	LUGT3	LGT3-SDS2.5	12	12	WS25	4	16d Sinker	24	16d Sinker	--	--	3500	1980	890	3080	1575	665
4	LUGT4	LGT4-SDS3	12	16	WS3	5	16d Sinker	32	16d Sinker	--	--	4725	--	--	4160	--	--
Concrete/Masonry Installation																	
2	LUGT2	LGT2	14	16	10d	--	--	--	--	5	1/4" x 3"	1655	1015	475	1460	790	475
3	LUGT3	LGT3-SDS2.5	12	12	WS25	--	--	--	--	4	3/8" x 5"	3380	--	--	3380	--	--
4	LUGT4	LGT4-SDS3	12	16	WS3	--	--	--	--	4	3/8" x 5"	3380	--	--	3380	--	--

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Additional anchorage products to be designed by others.
- 3) For proper installation, the number of studs must be equal-to or greater-than the number of roof truss plys.
- 4) The LUGT1 can be installed with the stud offset from the rafter a maximum of 1" (center-to-center) for a reduced allowable uplift load of 955-lb (DF/SP) and 840-lb (S-P-F).
- 5) Fasteners must be installed in fully grouted and reinforced concrete masonry (f'm = 1,500 psi) or reinforced concrete (f'c = 2,500 psi).
- 6) Use DeWalt Screw-Bolt™ + 1/4" dia. x 3" or 3/8" dia. x 5" screw anchors; or equal, installed in accordance with manufacturer's specification.
- 7) MiTek's WS25 structural wood screws are 1/4" dia. x 2-1/2" long (supplied with LUGT3) and WS3 structural wood screws are 1/4" dia. x 3" long (supplied with LUGT4).
- 8) **NAILS:** 8d x 1-1/2 are 0.131" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d Sinkers are 0.148" dia. x 3-1/4" long,