

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule				Installation Type <sup>1</sup>	DF/SP Allowable Tension (Lbs.)		S-P-F Allowable Tension (Lbs.)
			W	L	D	CL	Wall		Joist			160%	Δ (in) at 160% <sup>2</sup>	160%
							Qty	Type <sup>3,4,5</sup>	Qty	Type <sup>6,9</sup>				
ADTT-TZ	DTT1Z	14	1-9/16	10-1/2	15/16	3/8	1	3/8" HDG Lag Screw	10	10d x 1-1/2 HDG	Contracted	820	0.070	820
									Extended	850	0.117	810		
									10	LC915-MG	Contracted	820	0.121	780
									Extended	790	0.114	780		
							1	WS8-EXT	10	10d x 1-1/2 HDG	Contracted	830	0.080	780
									Extended	835	0.113	780		
									10	LC915-MG	Contracted	830	0.121	780
									Extended	790	0.114	780		
ADTT-TZKT <sup>7</sup>	DTT1Z-KT	14	1-9/16	10-1/2	15/16	3/8	1	WS8-EXT	10	LL915-GC	Contracted	830	0.121	780
									Extended	790	0.114	780		

- 1) Allowable loads are for the ADTT-TZ installed tight to the bottom of the joist (Contracted) or 4" from bottom of joist to ADTT-TZ bend line (Extended).
- 2) Deflections are derived from static, monotonic load tests of devices connected to DF wood members with specified fasteners.
- 3) WS8-EXT is a 1/4" dia. x 8" long screw sold by MiTek and must be ordered separately if not purchasing the kit. The minimum thread penetration into the top plate of the wall framing is 3-inches.
- 4) 3/8" HDG Lag Screw is an ASTM A307 Grade A lag screw with a thread diameter of 3/8" and is hot-dip galvanized to ASTM A153 standards. The minimum thread penetration into the top plate of the wall framing is 3-inches. Lag screws are available at your local hardware store and must be purchased separately.
- 5) Check with your siding manufacturer for recommendations for fastening through your siding material.
- 6) LC915-MG denotes a MiTek LumberLok Connector Screw (#9 x 1-3/8" long) and must be ordered separately if not purchasing the kit.
- 7) ADTT-TZKT is a kit with (4) ADTT-TZ packaged with MiTek's WS8-EXT structural wood screws and LL915 LumberLok screws.
- 8) If exposed to wet service conditions in use, per IRC, the maximum extension of the ADTT-TZ below the joist is 2-3/4" for an allowable tension load of 750 lbs. required per 2024 IRC, Section R507.9.2 [Figure R507.9.2(2)]. Under wet service conditions, the contracted allowable tension load is 820 lbs.
- 9) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.