

LUMBERLOK STRUCTURAL CONNECTOR SCREWS

Replaces Nails, Structurally Rated

The LumberLok™ Connector Screw is a self-drilling screw that can be used with a number of MiTek connectors and wood-to-wood applications. The screws feature a T20* drive head with an integral washer and gimlet point for ease of installation and reduced stripping. The twin-lead threads drive in twice as fast as the single lead threads significantly reducing installation time. Meets high load requirements and has high withdrawal capacity.

The head stamp identifies the screw length for easy inspection. Screw shear capacities are based on a diameter of 0.162" when the shear plane is on the screw shank (SH) and 0.109" when the shear plane is on the threads (T). MiTek Structural Connector Screws have bending yield strength of 170,000 psi.

Materials: Low carbon hardened steel

Finish: Gold Coat

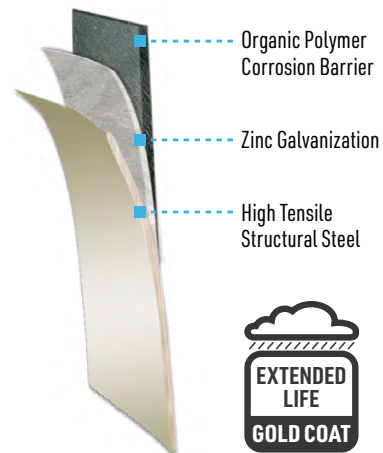
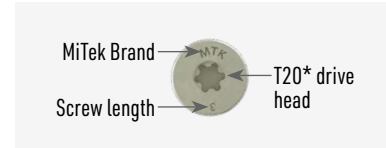
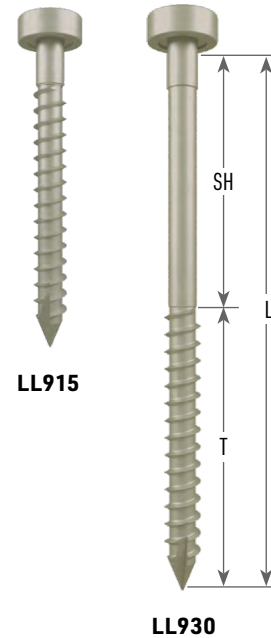
Codes: ESR-2761 (IBC, LABC), FL17231 (FBC)

Installation:

- Screws are self-drilling.
- Install using a low speed clutch drill with T20* bit (not included). The washer head should be flat to the surface. Do not over-tighten the screws.
- Installing the screw at an angle may introduce additional bending and tension forces into the fastener if the screw head is not flat to the bearing surface. Care should be given to ensure the fastener is installed perpendicular to the plane of the fastener hole.
- **Impact drills are not recommended for use with Structural Connector Screws.**

* T20 is a trademark of Acument

Fastener	Allowable Shear (100%)			
	DF / SP		S-P-F	
	Steel Side Plate		Steel Side Plate	
	18 ga	16 ga	18 ga	16 ga
LL915 Screw	105	130	105	105
8d x 1-1/2 Nail	100	104	86	90
8d Nail	100	104	86	90
10d x 1-1/2 Nail	112	113	97	97
LL930 Screw	165	165	140	140
10d Nail	114	116	98	100
16d Nail	137	138	117	119



Phone: 1-800-328-5934 | Fax: 1-952-898-8605 | Email: customerservice@mii.com | MiTek-US.com

Information published in this document is valid until "two years from publishing date". Information changes and is updated periodically so please check with MiTek if viewing after this date. For the most current information please visit MiTek-US.com. For further assistance please reach out to our Engineering team at (800) 328-5934.

©2025 MiTek Inc. All Rights Reserved. #2100 06/2025

LUMBERLOK STRUCTURAL CONNECTOR SCREWS

Replaces Nails, Structurally Rated

Common deck connectors that are compatible with LumberLok™ Screws

This is not a complete list of MiTek connectors that are compatible with LumberLok Screws. Most connectors that are installed with nails can also be installed with LumberLok Screws. For the connectors shown below, the catalog allowable design values will not change when installed with the LumberLok Screws shown.

JOIST HANGERS				
MiTek Stock No.	Header		Joist	
	Qty	Type	Qty	Type
JUS24-GC	4	LL930	2	LL930
JUS24-TZ	4	LL930	2	LL930
JUS24-2TZ	4	LL930	2	LL930
JUS26-GC	4	LL930	4	LL930
JUS26-TZ	4	LL930	4	LL930
JUS26-2GC	4	LL930	4	LL930
JUS26-2TZ	4	LL930	4	LL930
JUS28-GC	6	LL930	4	LL930
JUS28-TZ	6	LL930	4	LL930
JUS28-2TZ	6	LL930	4	LL930
JUS28-3TZ	6	LL930	4	LL930
JUS210-GC	8	LL930	4	LL930
JUS210-TZ	8	LL930	4	LL930
JUS210-2GC	8	LL930	6	LL930
JUS210-2TZ	8	LL930	6	LL930
JUS210-3TZ	8	LL930	6	LL930
JUS44-TZ	4	LL930	2	LL930
JUS46-TZ	4	LL930	4	LL930
JUS48-TZ	6	LL930	4	LL930
JUS410-TZ	8	LL930	6	LL930

SKEWED HANGERS				
MiTek Stock No.	Header		Joist	
	Qty	Type	Qty	Type
SKH26L-TZ	6	LL930	6	LL915
SKH26R-TZ	6	LL930	6	LL915
SKH28L-TZ	10	LL930	8	LL915
SKH28R-TZ	10	LL930	8	LL915
SKH210L-GC	14	LL930	10	LL915
SKH210R-GC	14	LL930	10	LL915
SKH210L-TZ	14	LL930	10	LL915
SKH210R-TZ	14	LL930	10	LL915
SKH210L-2TZ	14	LL930	10	LL930
SKH210R-2TZ	14	LL930	10	LL930

POST CAPS				
MiTek Stock No.	Post		Beam	
	Qty	Type	Qty	Type
PB44-6GC	8	LL930	8	LL930
PB44-6TZ	8	LL930	8	LL930
PB66-6GC	8	LL930	8	LL930
PB66-6TZ	8	LL930	8	LL930
PBES44-TZ	8	LL930	8	LL930
PBES66-TZ	8	LL930	8	LL930

STRAP POST TIE				
MiTek Stock No.	Deck		Post	
	Qty	HDG Bolts	Qty	Type
SDPT5-TZ	2	3/8" Ø	5	LL915
SDPT7-TZ	2	3/8" Ø	5	LL915

ANGLES				
MiTek Stock No.	Header		Joist	
	Qty	Type	Qty	Type
AC5-TZ	3	LL930	3	LL930
AC7-GC	4	LL930	4	LL930
AC7-TZ	4	LL930	4	LL930
AC9-TZ	5	LL930	5	LL930
MPA1-GC	6	LL915	6	LL915
MPA1-TZ	6	LL915	6	LL915
MP34-TZ	4	LL915	4	LL915
MP4F-TZ	6	LL915	6	LL915
MP3-TZ	3	LL930	3	LL930
MP5-TZ	4	LL930	4	LL930
MP7-TZ	5	LL930	5	LL930
MP9-TZ	6	LL930	6	LL930

RAFTER TIES				
MiTek Stock No.	Rafter/Truss		Plate	
	Qty	Type	Qty	Type
RT3A-TZ	4	LL915	4	LL915
RT4-TZ	4	LL915	4	LL915
RT5-TZ	4	LL915	4	LL915
RT7-TZ	5	LL915	5	LL915
RT7A-GC	5	LL915	5	LL915
RT7A-TZ	5	LL915	5	LL915
RT8A-TZ	5	LL915	5	LL915
RT15-GC	5	LL915	5	LL915
RT15-TZ	5	LL915	5	LL915
RT16A-TZ	9	LL915	8	LL930
RT16-2TZ	8	LL915	8	LL915

DECK TENSION TIE				
MiTek Stock No.	Wall		Joist	
	Qty	Screw	Qty	Type
ADTT-TZ	1	WS8-EXT	10	LL915

POST BASES			
MiTek Stock No.	Post		Anchor Bolt
	Qty	Type	
PAF44-TZ	8	LL930	(1) 1/2" Ø
PAF44-GC	8	LL930	(1) 1/2" Ø
PAF46-TZ	8	LL930	(1) 5/8" Ø
PAF46-GC	8	LL930	(1) 5/8" Ø
PAF66-TZ	8	LL930	(1) 5/8" Ø
PAF66-GC	8	LL930	(1) 5/8" Ø
PAU44-TZ	12	LL930	(1) 5/8" Ø
PAU46-TZ	12	LL930	(1) 5/8" Ø
PAU66-TZ	12	LL930	(1) 5/8" Ø
PAU88-TZ	14	LL930	(1) 5/8" Ø

CONCEALED STRINGER HANGER				
MiTek Stock No.	Rim Joist		Stringer	
	Qty	Type	Qty	Type
CSH-TZ	8	LL915	5	LL915