FastenMaster®

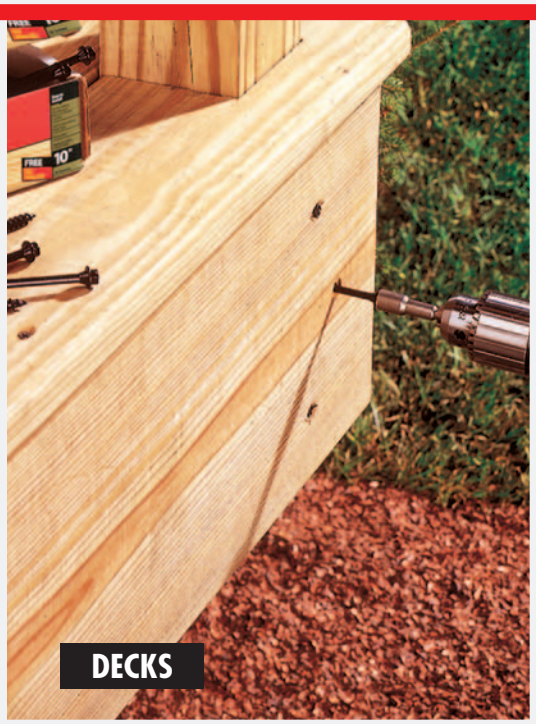
TimberLok®

HEAVY DUTY WOOD SCREW

No Predrilling.
Stronger than ⅜" lags.

- Stronger design shear values than ⅜" lags
- Nationally recognized testing and code approvals
- Sharp point and aggressive thread penetrate the densest woods without predrilling
- Unique tapered head countersinks easily into wood for flush appearance
- Variety of lengths, from 2½" to 10", to match every application
- Proprietary three-step coating process protects against corrosion, even in pressure treated wood. ACQ approved
- Free bit in every package

Photographs should not be used as a reference for fastening patterns.


DECKS


LANDSCAPE WALLS


FENCES


STAIRS

FastenMaster

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INSTALLATION PROCEDURE

TimberLok should be installed using a high torque, ½" variable speed drill (at least 14.4V if cordless). Choose the proper length so that threads fully engage the second piece.

Lateral Design Values (in pounds per Fastener) for single shear connections loaded perpendicular to grain

Wood	Specific Gravity**	FastenMaster TimberLok	Nails			Lags	
			10D	16D	20D	¼"	⅜"
Red Oak	0.67	299	154	184	222	140	160
Southern Pine	0.55	257	128	154	185	120	140
Doug. Fir-L, SCL*	0.50	240	118	141	170	110	130
Doug. Fir-S	0.46	226	109	131	157	100	120
Hem. Fir	0.43	215	102	122	147	100	120
E. Spruce, W. Cedar	0.36	189	87	104	126	90	100

* SCL=Structural Composite Lumber (LVL,PSL and LSL)

** Wood species identified typically have average specific gravity similar to the values shown on this table.

All design values based on 1½" side member thickness and penetration into main member as follows; TimberLok 2", Nails 10x diameter, Lags 8x diameter. Design values may be subject to adjustment factors (section 10.3 in NDS) based on conditions existing during installation as well as those expected during service life.

The lag screw and nail design values included in these tables are compiled directly from the 2001 National Design Specification for Wood Construction (2001 NDS).

TimberLok Comparative Data

The statement *Faster, Easier, Stronger than ⅜" Lag Screws* refers to the comparison of **design shear** values of TimberLoks and ⅜" lag screws.

The Professional Engineer (PE) is responsible for designing all connections, which include the number and location of all fasteners to meet the national and local code requirements. All minimum end, edge and spacing distances of the TimberLok should follow minimums set forth in ICC ESR #1078 (see www.FastenMaster.com). This report should be reviewed thoroughly when designing connections.

Photographs showing TimberLok usage should not be used as a reference for fastening patterns.

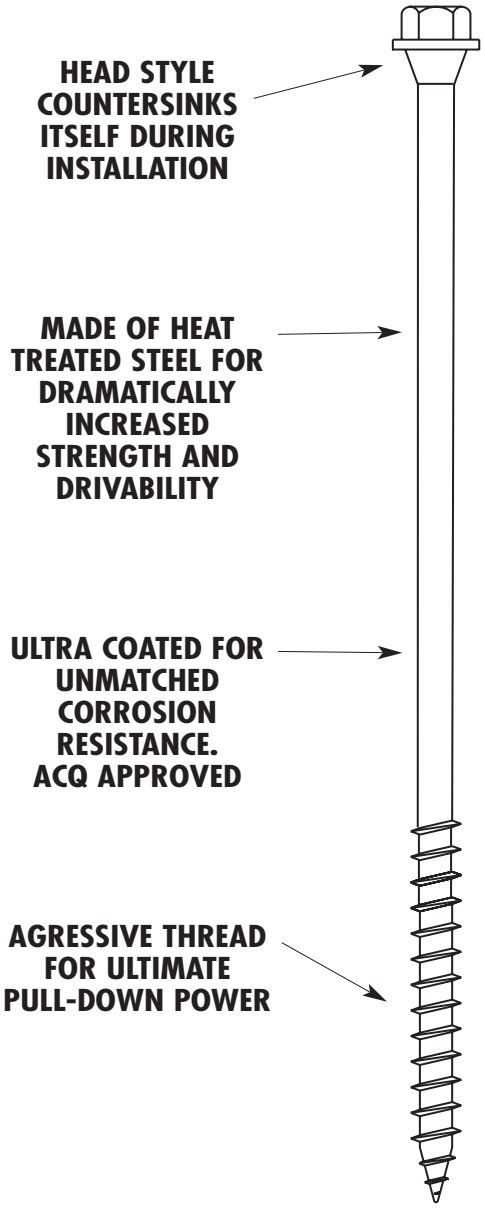
For complete design values and engineering data, available through ICC-ES, see report ESR #1078 at www.icc-es.org.

For technical assistance or backup information, please contact FastenMaster Technical Support at 1·800·518·3569.

Part Number	Screw Length	Quantity per Pack
FMTLOK04-10	4"	10
FMTLOK06-10	6"	10
FMTLOK08-10	8"	10
FMTLOK10-10	10"	10
FMTLOK212-50	2½"	50
FMTLOK04-50	4"	50
FMTLOK06-50	6"	50
FMTLOK08-50	8"	50
FMTLOK10-50	10"	50
FMTLOK212-500	2½"	500
FMTLOK04-250	4"	250
FMTLOK06-250	6"	250
FMTLOK08-250	8"	250
FMTLOK10-250	10"	250

FM08008-10M-AML

PRODUCT FEATURES



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FASTER EASIER STRONGER