

INSTALLATION PROCEDURE

Using a $\frac{1}{2}$ high torque drill (18V cordless or higher), drive the HeadLok head flush to the surface. No predrilling required when proper end and edge distances are maintained.

Lateral Design Values (in pounds per Fastener) for single shear connections loaded perpendicular to grain								
	Specific	FastenMaster	Nails			Lags		
Wood	Gravity**	HeadLok	10D	16D	20D	1/4"	3/8"	
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)

All design values based on $1\frac{1}{2}$ " side member thickness and penetration into main member as follows: HeadLok 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 2005 National Design Specification for Wood Construction (2005 NDS). HeadLok design value calculations are based on independent lab testing as outlined in ICC Acceptance Criteria AC233. All values have been reviewed and certified by a professional engineer.

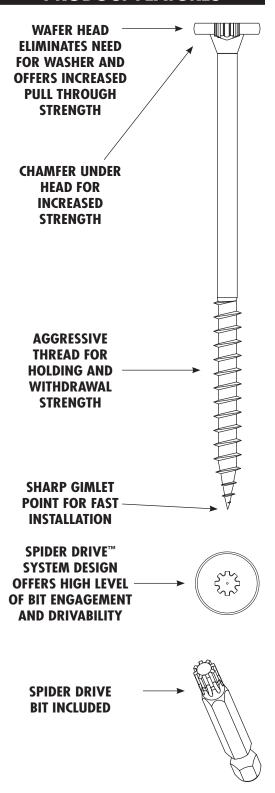
The statement "Faster, Easier, Stronger than %" lag screws" refers to the comparison of design shear values of HeadLoks and %" lag screws.

A design professional should be consulted when making critical connections to ensure the proper number and location of all fasteners meet national and local code requirements.

For technical assistance or questions regarding proper use of this fastener, please contact FastenMaster Technical Support at 800-518-3569 or visit www.FastenMaster.com.

Item #	Screw Length	Quantity per Pack	Driver Bits Included
FMHLGM278-12	27/8"	12	1
FMHLGM412-12	41/2"	12	1
FMHLGM006-12	6"	12	1
FMHLGM278-50	27/8"	50	1
FMHLGM334-50	33/4"	50	1
FMHLGM412-50	41/2"	50	1
FMHLGM005-50	5"	50	1
FMHLGM006-50	6"	50	1
FMHLGM278-500	27/8"	500	3
FMHLGM334-250	33/4"	250	3
FMHLGM412-250	41/2"	250	3
FMHLGM005-250	5"	250	3
FMHLGM512-250	5½"	250	3
FMHLGM006-250	6"	250	3
FMHLGM612-250	61/2"	250	3
FMHLGM007-250	7"	250	3
FMHLGM712-250	7½"	250	3
FMHLGM008-250	8"	250	3
FMHLGM812-250	81/2"	250	3
FMHLGM009-250	9"	250	3
FMHLGM912-250	91/2"	250	3
FMHLGM010-250	10"	250	3
FMHLGM011-250	11"	250	3
FMHLGM012-250	12"	250	3
FMHLGM013-250	13"	250	3
FMHLGM014-250	14"	250	3
FMHLGM015-250	15"	250	3
FMHLGM016-250	16"	250	3
FMHLGM018-250	18"	250	3
FMSPIDER3-2PK	Driver Bit for HeadLok w/Spic	2	

PRODUCT FEATURES





MHLGMSHEET (211)

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