



STARBORN[®] STRUCTURAL

Code Compliant Wood Screws



APPLICATION

Starborn[®] Structural screws are fully tested and code compliant alternatives to traditional lag screws and through-bolts, with no predrilling required. Designed to save time and reduce labor, these structural screws can be used in a variety of applications including deck ledgers, deck substructures, landscape timbers, fences, pergolas, carrying beams, timber frames and more.

FEATURES

- IRC/IBC code compliant (DrJ TER 1703-05)
- No predrilling
- Superior design values and performance
- Speed-Knurl™ reduces friction for faster installation
- Tri-Forge[®] Point allows for fast start and reduces driving torque

INSTALLATION

- Starborn[®] Structural screws should be installed using an impact driver or high-torque low speed drill.
- Predrilling is not required, but can be used where lumber is prone to splitting.
- For the H19 screw drive until washer head is flush to wood surface or countersink head flush.
- For the F19, H23, and F23 screws drive until washer is drawn firm and flush. Do not overdrive or countersink

TECHNICAL GUIDES

TECHNICAL GUIDE	PRODUCT	
	H23	F23
Deck Ledger to Rim Joist	H23	F23
Ledger to Stud with 0, 1, or 2 Layers of 5/8" Gypsum	H23	F23
Truss or Rafter to Top Plate	H19	
Multi-Ply Dimensional Wood Connections	F19	F23
Cladding Over Foam Sheathing	F19	F23
Bottom Plate to Rim Board	H19	
Screw Properties and Design Values	All	

For more information including technical guides and code compliance reports, visit starbornindustries.com.

FINISH

Black exterior coating

CORROSION

Black exterior coating: H19, F19, H23 and F23 | Approved for use in ACQ and pressure treated lumber.


Starborn[®] Structural screws are not designed for use in or near saltwater environments.

DRIVE SYSTEM


Hex Head
Star drive

STARBORN® STRUCTURAL


DESIGN FEATURES




Hex Head
For maximum driveability



Low Profile Flat Head
Star drives eliminate cam-out



Speed-Knurl™
Reduces friction for faster installation



Tri-Forge® Point
Fast start, minimal splitting, reduced driving torque

STARBORN® STRUCTURAL PACKAGING H19



LENGTH	20 PC		50 PC		250 PC	500 PC
	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
2-7/8"	XH19CL0288	6	XH19CT0288	6	XH19CQ0288	XH19CV0288
4"	XH19CL0400	6	XH19CT0400	6	XH19CQ0400	XH19CV0400
6"	XH19CL0600	6	XH19CT0600	6	XH19CQ0600	XH19CV0600
8"	XH19CL0800	6	XH19CT0800	3	XH19CQ0800	—
10"	XH19CL1000	6	XH19CT1000	3	XH19CQ1000 (200PC)	—

STARBORN® STRUCTURAL PACKAGING H23



LENGTH	20 PC		50 PC		250 PC	500 PC
	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
4"	XH23CL0400	6	XH23CT0400	6	XH23CQ0400	XH23CV0400
5"	XH23CL0500	6	XH23CT0500	6	XH23CQ0500	XH23CV0500

STARBORN® STRUCTURAL PACKAGING F19



LENGTH	20 PC		50 PC		250 PC	500 PC
	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
2-7/8"	XF19CL0288	6	XF19CT0288	6	XF19CQ0288	XF19CV0288
4-1/2"	XF19CL0450	6	XF19CT0450	6	XF19CQ0450	XF19CV0450
6"	XF19CL0600	6	XF19CT0600	6	XF19CQ0600	XF19CV0600
8"	XF19CL0800	6	XF19CT0800	3	XF19CQ0800	—
10"	XF19CL1000	6	XF19CT1000	3	XF19CQ1000 (200PC)	—
12"	XF19CL1200	5	—	—	XF19CQ1200 (200PC)	—
14"	XF19CL1400	5	—	—	XF19CQ1400 (200PC)	—
16"	XF19CL1600	5	—	—	XF19CQ1600 (150PC)	—

STARBORN® STRUCTURAL PACKAGING F23



LENGTH	20 PC		50 PC		250 PC	500 PC
	ITEM NO	CASE QTY	ITEM NO	CASE QTY	ITEM NO	ITEM NO
2-7/8"	XF23CL0288	6	XF23CT0288	6	XF23CQ0288	XF23CV0288
4"	XF23CL0400	6	XF23CT0400	6	XF23CQ0400	XF23CV0400
5"	XF23CL0500	6	XF23CT0500	6	XF23CQ0500	XF23CV0500
6"	XF23CL0600	6	XF23CT0600	6	XF23CQ0600	XF23CV0600
8"	XF23CL0800	6	XF23CT0800	3	XF23CQ0800	—
10"	XF23CL1000	6	XF23CT1000	3	XF23CQ1000 (200PC)	—