



# Structural *H23*

Deck Ledger / Multipurpose

Exterior Grade Code Compliant Wood Screw

HEX



**Starborn® Structural *H23*** screws are specifically designed to attach deck ledgers to rim joists. They are fully tested and code compliant alternatives to traditional lag screws and through-bolts, with no pre-drilling required. Structural *H23* screws feature a hex washer head for maximum drivability, a unique Tri-Forge™ point for reduced driving torque, and a high-adhesion exterior grade coating. Complete fastening instructions are available in the Deck Ledger to Rim Joist Technical Guide. Structural *H23* screws can also be used in a variety of other code compliant wood-to-wood connections.



## Features

- IRC/IBC code compliant
- No pre-drilling
- Comparable to 1/2" lag screws
- 0.23" shank diameter
- 3/8" hex head for maximum drivability
- Tri-Forge™ Point provides a fast start, minimal splitting, and reduced driving torque
- Speed-Knurl™ reduces friction on the unthreaded shank for faster installation
- Black exterior grade coating has high-adhesion and is an ACQ approved alternative to hot-dip galvanized coatings

## Code Compliance Reports

- Fastener Properties and Design Values (DrJ TER 1703-05)
- Deck Ledger and Ledger to Stud Applications (DrJ TER 1703-01)

## Lateral Design Values (lbf)

Length	Head Marking*	Thread Length	HF/SPF (0.42 SG)		DF/SP/SCL (0.50 SG)	
			Z Perp	Z Para	Z Perp	Z Para
4"	D23 4	2-3/8"	405	280	540	485
5"	D23 5	3"				



\*Indicates Diameter and Length.

For a low-profile flat head alternative to attach deck ledgers, use Starborn Structural F23 4" and 5" screws.

For complete technical information, visit [starbornindustries.com](http://starbornindustries.com)

## Packaging

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