GRXNG143

GROXX | SS316 THREADED ROD



OVERVIEW

The Groxx GRXNG143 Series encompasses our premium range of high-performance threaded bolts, specifically engineered for critical structural connections in fall protection and industrial safety systems. Manufactured from A4-70 (316 Grade) Stainless Steel, these fasteners offer the ultimate balance of tensile strength and superior corrosion resistance for the most demanding environments.

KEY FEATURES

- **M12 Options**: Typically utilized for primary bracket-to-rung or bracket-to-clamp connections where precision and high shear strength are required.
- **M16 Options**: Engineered for heavy-duty structural anchoring into concrete or primary steel members, providing maximum pull-out resistance for multi-user lifeline extremities.
- **Grade 316 Stainless Steel**: Known as "Marine Grade," this alloy contains molybdenum, providing exceptional resistance to chlorides (salt spray) and industrial chemicals.
- **A4-70 Cold-Worked Strength**: Precision-manufactured to meet a minimum tensile strength of 700 MPa, ensuring structural reliability under dynamic fall-arrest loads.

TECHNICAL SNAPSHOT

Specification	M12 Hardware	M16 Hardware
Thread Diameter	12.0 mm	16.0 mm
Thread Pitch	1.75 mm (Standard Coarse)	2.0 mm (Standard Coarse)
Material Grade	316 / A4-70 Stainless Steel	316 / A4-70 Stainless Steel
Tensile Strength	700 N/mm^2	700 N/mm^2
Yield Strength	450 N/mm^2	450 N/mm^2
Hex Actuation	19.0 mm A/F	24.0 mm A/F

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

See product page

The GRXNG143 series is designed to integrate seamlessly with Groxx G-Anchors, I-Brackets, and H-Frames.

FULL DATA SHEET ↗

Product page ↗