GGRXBTAR7

GROXX ALUMINUM BULB-TYPE RIVET



OVERVIEW

The Groxx GGRXBTAR7 is a high-strength trifold blind structural rivet with an EPDM sealing washer, used to fix trapezoidal base plates and anchors to thin roof sheet while keeping the roof watertight.

KEY FEATURES

- **The Groxx Aluminum Bulb-Type Rivet (Model Number**: GGRXBTAR7) is a premium, high-strength trifold blind structural fastener designed for demanding construction, automotive, and high-altitude rigging applications.
- **Advanced Tri-Fold Load Spreading**: Features a slotted structural body that anchors by forming three separate wide-bearing tabs against the blind side.
- **Severe Vibration & Slip Defenses**: Built to maintain an exceptionally tight mechanical lock under severe structural oscillation, eliminating the radial pressure relaxation and body shifting common to standard entry-level pop rivets.
- **Premium All-Aluminum Architecture**: Precision forged from a matched dual-alloy aluminum composition (High-Tensile 5056 Aluminum sleeve paired with a rugged 2017 Aluminum mandrel). This structure guarantees outstanding shear-to-weight metrics alongside permanent, rust-free atmospheric corrosion resistance.

TECHNICAL SNAPSHOT

PARAMETER	GGRXBTAR7
MECHANICAL PROFILE / PARAMETER	
Model Number	GGRXBTAR7
Fastener Classification	Structural Bulb-Type Trifold Blind Rivet
Nominal Body Diameter	7.7 millimeters (Standard 9/32" nominal size)
Total Sleeve Length	28.0 millimeters
Rivet Sleeve Material	High-Grade 5056 Aluminum Alloy
Mandrel Core Material	High-Tensile 2017 Aluminum Alloy
Head Configuration	Large Dome Head with integrated EPDM Sealing Disc
Pre-Drill Hole Clearance	7.8 millimeters to 8.2 millimeters (8.0mm baseline HSS bit recommended)
Extended Grip Range	1.0 millimeter up to 15.9 millimeters
Internal Mandrel Diameter	4.5 millimeters
Primary Head Outer Diameter	19.0 millimeters

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

FULL DATA SHEET ↗

Product page ↗