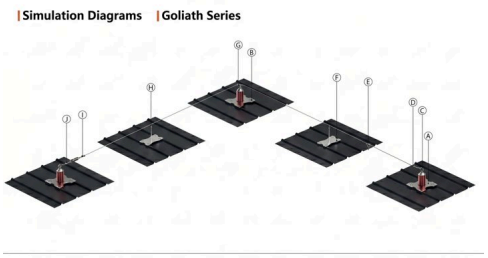
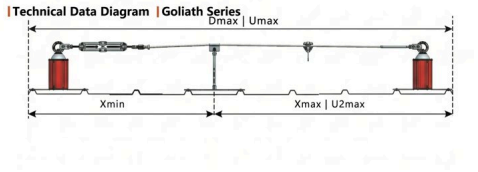
GGIMEAOL

HORIZONTAL LIFELINE | GOLIATH SERIES

Also used in HL





OVERVIEW

The Groxx Goliath Series represents the definitive standard in heavy-duty terminal anchorage for trapezoidal metal roofing. Engineered to serve as the high-tension foundation for horizontal lifeline systems, the Goliath Series excels in load distribution and structural preservation. By combining dual-layer corrosion protection with an innovative "access-without-disassembly" design, it provides a low-maintenance, high-security solution for the most demanding industrial environments.

KEY FEATURES

- **Strategic Load Distribution**: The Goliath Series is engineered to manage the significant end-tensions inherent in long-span horizontal lifelines.
- **Dual-Layer Corrosion Defense**: Built for longevity in aggressive atmospheres, the system features a 316 Stainless Steel core paired with a high-grade aluminum alloy housing. This dual-material approach provides superior resistance to oxidation, chemical exposure, and UV degradation.
- **Hermetic Sealing Technology**: The system utilizes a specialized watertight joint between the protective dome and the housing.
- **Advanced Maintenance Architecture**: A key differentiator of the Goliath Series is the Threaded Inspection Port.

TECHNICAL SNAPSHOT

PARAMETER	GGIMEAOL
Series Designation	Goliath Series
Function	Terminal/Extremity Anchorage & Load Distribution
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Material Composition	AISI 316 Stainless Steel & Precision Aluminum Alloy
Environmental Protection	Dual-Layer Corrosion Coating / Electro-Polished
Installation Interface	Multi-Point Rivet or Self-Tapping Screw Array
Service Life	20+ Years (Subject to environment and material grade)

INSTALLATION & USE

Profiled Metal Compatibility: Optimized for single-skin profiled sheets and high-performance sandwich panels.

Structural Versatility: The system integrates seamlessly with a variety of purlin configurations, including Z/C-sections, H-beams, and complex steel trusses.

Waterproof Fastening: Installation is achieved via precision drilling and the use of waterproof rivets or bolts.

STANDARDS

EN 795:2012 Type C | CEN/TS 16415

Designed to EN 795:2012 Type C, CEN/TS 16415. Test certificate on request.

FULL DATA SHEET ↗

Product page ↗