GGAP001

G – ANCHOR

Also used in OL



OVERVIEW

The Groxx G-Anchor (GGAP001) is a high-strength structural anchorage solution designed to serve as the critical extremity termination for horizontal and vertical lifeline systems. Engineered with a distinct "G" shaped geometry, this anchor plate provides a unique combination of structural rigidity and dynamic energy management, making it suitable for high-load safety applications across diverse substrates.

KEY FEATURES

- **G-Shaped Shock Absorption**: The anchor's signature "G" profile is not merely aesthetic; it is a functional engineering feature. The curved geometry allows for controlled, elastic deformation under extreme dynamic loads.
- **Universal Application**: The GGAP001 is a versatile component designed for seamless integration into all major structural environments, including reinforced concrete slabs, steel rigid structures, and specialized roof systems.
- **High-Capacity Multi-User Rating**: Unlike standard single-point anchors, the G-Anchor is robustly engineered and certified to support up to 4 simultaneous users, making it an ideal choice for high-traffic industrial maintenance zones.
- **Corrosion Resistance**: Manufactured from 316 Stainless Steel with an Electro-Polished finish, the unit offers superior resistance to oxidation and chemical exposure, ensuring a 20+ year service life in marine or aggressive industrial atmospheres.

TECHNICAL SNAPSHOT

PARAMETER	GGAP001
Model Number	GGAP001
Material	AISI 316 Stainless Steel
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Finish	Electro-Polished
Minimum Breaking Strength (MBS)	45 kN
Weight	700 g
Fixing Requirement (Concrete)	M16 Chemical Fastener (Ref: GRX851)
User Rating	4 Users

INSTALLATION & USE

Concrete Installations: When mounted to concrete, the G-Anchor must be secured using M16 316SS Threaded Bolts in conjunction with Groxx GRX851 Epoxy Adhesive.

Rigid Steel Structures: The plate can be direct-bolted to structural steel beams (I-beams or channels) using M16 Grade 8.8 or Stainless 316 fasteners, providing a low-profile, high-strength termination point.

Lifeline Extremity: The universal hole pattern allows for the direct connection of tensioners, energy absorbers, and 8mm stainless steel cable swages.

STANDARDS

EN 795:2012 Type A | CEN/TS 16415

> The G-Anchor GGAP001 eliminates the need for bulky, external shock absorbers in many extremity applications.

FULL DATA SHEET ↗

Product page ↗