GGRXTB37

FACADE ACCESS RESTRAINT PIN



OVERVIEW

The Groxx Restraint Pin (GGRXTB37) is a precision-engineered 3/8 inch structural positioning and restraint component designed for reliable load containment across facade systems, curtain walls, and industrial temporary fixtures. Manufactured with exact dimensional tolerances and a multi-axis bail assembly, the GGRXTB37 ensures uniform force distribution and consistent mechanical engagement.

KEY FEATURES

- **Multi-Directional Load Capability**: Engineered to maintain structural integrity under axial and off-axis vector loading, providing identical maximum force containment across primary loading planes (F1, F2, and F3).
- **Precision Machined Tolerance**: Features a tightly controlled shank diameter of 0.3735 inches (with a tolerance of plus 0.000 inches to minus 0.002 inches) to ensure zero-play insertion into critical structural receivers.
- **Integrated Swivel Anchor Loop**: Fitted with an articulated shackle bow for seamless connection to lanyards, rigging hardware, or tie-off assemblies.
- **Heavy-Duty Retention Mechanism**: Built with lower engagement detents/pins to lock the unit securely in place once passed through the substrate.

TECHNICAL SNAPSHOT

PARAMETER	GGRXTB37
Model Number	GGRXTB37
Nominal Size	3/8 inch
Pin Diameter (Diameter A)	0.3735 inches (plus 0.000 in / minus 0.002 in)
Bushing Outer Diameter (B)	0.440 inches (plus 0.005 in / minus 0.005 in)
Maximum Clearance Gap (X max)	3/16 inch
Bushing Height (D)	1.46 inches
Shackle Outer Width (E)	1.20 inches
Vertical Load Capacity (F1 max)	2.7 kN
Angular Load Capacity (F2 max)	2.7 kN
Lateral Load Capacity (F3 max)	2.7 kN

INSTALLATION & USE

3-Axis Force Containment: F1 (Pure Tension / Axial Pull): Rated up to 2.7 kN. F2 (45-Degree Angular Tension): Rated up to 2.7 kN.

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F2 (45-Degree Angular Tension): Rated up to 2.7 kN.

STANDARDS

EN 1808:2015

Designed to EN 1808:2015. Test certificate on request. The GGRXTB37 Restraint Pin combines precision machining with multi-axis load capability.

FULL DATA SHEET ↗

Product page ↗