GGRXTB38

RESTRAINT PIN SOCKET



OVERVIEW

The Groxx Restraint Pin Receiver Socket (GGRXTB38) is a high-precision structural mounting component engineered to house and secure 3/8 inch restraint pins, such as the GGRXTB37 series. Designed for flush or surface integration into facade panels, curtain walls, and heavy structural frameworks, the GGRXTB38 socket provides a seamless, high-strength connection point that facilitates rapid pin insertion and dependable multi-axis load transfer.

KEY FEATURES

- **Optimized Structural Receiver Geometry**: Internal bore dimensions are machined to match 3/8 inch restraint pin profiles, providing a flush, zero-slop fit that eliminates chatter under dynamic loading.
- **High-Strength Force Transfer**: Engineered to withstand and distribute axial, angular, and lateral loads up to 2.7 kN back into the primary building substrate or structural frame.
- **Corrosion-Resistant Metallurgy**: Manufactured from high-grade stainless steel with a polished finish to prevent galvanic corrosion when integrated with aluminum facade panels or steel support structures.
- **Positive Lock Interface**: Built to interact smoothly with the pin's lower mechanical retention detents, guaranteeing a positive mechanical engagement every time the pin is fully inserted.

TECHNICAL SNAPSHOT

PARAMETER	GGRXTB38
Model Number	GGRXTB38
Compatible Pin Size	3/8 inch (GGRXTB37 Series)
Primary Material	AISI 316 Stainless Steel
Finish	High-Polished / Passivated
Maximum Load Rating (Vertical – F1)	2.7 kN
Maximum Load Rating (Angular – F2)	2.7 kN
Maximum Load Rating (Lateral – F3)	2.7 kN
Mounting Style	Structural Weld-In / Press-Fit / Bolted Receiver

INSTALLATION & USE

Substrate Preparation: Ensure the mounting aperture in the facade or structural member is reamed to match the outer socket body diameter without excessive clearance.

Standoff Alignment: Mount the socket flush with the outer face to ensure the installed restraint pin maintains a structural standoff gap (X max) of 3/16 inch or less...

Rigid Fixing: Can be integrated directly into curtain wall aluminum extrusions, steel plates, or cast-in concrete anchors.

STANDARDS

EN 1808:2015

Designed to EN 1808:2015. Test certificate on request. The GGRXTB38 Socket completes the restraint pin assembly by offering a perfectly matched, wear-resistant receiver.

FULL DATA SHEET ↗

Product page ↗