

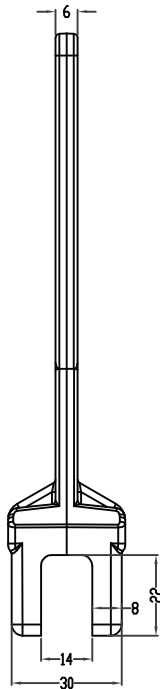
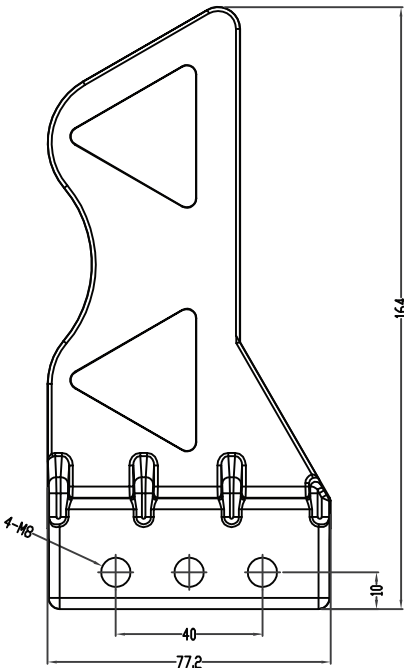
PRODUCT OVERVIEW

ArcticAnchor™ clamps install in seconds, while delivering secure rail fastening for extreme environments. Using pre-installed 304 stainless steel screws with POM nylon tips, this lightweight TitanCore™ clamp eliminates corrosion and reduces installation time. Its low thermal expansion and UV-stabilized design ensure durability, while color-matching options enhance aesthetics, making it the most rigorously tested clamp on the market.

TESTING & CERTIFICATIONS

Testing Methods: Validated through fatigue, load, UV exposure, thermal cycling, and environmental tests, including cold and humidity conditions.

- ASTM E8/E8M - Tensile Strength
- ASTM D5961 - Insert Pull-Out Strength
- ASTM D6264 - Screw Torque Stress
- ASTM D2990 - Long-Term Load Creep
- ASTM D1183 - Thermal Cycling
- ASTM D794 - Linear Thermal Expansion
- ASTM E1592 - Tensile Load Testing



FEATURES

- › **DOUBLE RAILS TO HANDLE INTENSE, -40 SNOW LOADS AND EXTREME CLIMATES**
- › **NO METAL CONTACT, PREVENTS CORROSION**
- › **POM NYLON-TIPPED SCREWS, NON-PENETRATING**
- › **NYLON-PATCHED SCREWS, NO LOCTITE NEEDED**
- › **ALL SCREWS COME PRE-INSTALLED, SPEEDS UP INSTALLATION**
- › **MADE FROM LOW THERMAL EXPANSION TITANCORE™ MATERIAL**
- › **LIGHTWEIGHT AT 3.3OZ**
- › **UV-STABALIZED FOR LONG TERM DURABILITY**
- › **COLOR-MATCHABLE TO ANY ROOF**
- › **MOST RIGOROUSLY TESTED CLAMP ON THE MARKET**

TORQUE SETTINGS

Recommended Torque: 40–50 ft-lbs (54–68 Nm) for screws to ensure secure fastening without over-compression. Calibration before installation is recommended.



Calibrate Drill to 40psi/55Nm



Maximum Torque 55psi/75Nm