HuckGuard™

For High Corrosion Protection

Unique zinc and topcoat treatment

Helps maintain joint integrity and long life

Applied in-house at Alcoa Fastening Systems & Rings
For a high level of corrosion protection in an engineered fastener, insist on fasteners with HuckGuard™ from Alcoa Fastening Systems & Rings.

Developed specifically to protect swaged collars and Huck 360® nuts, HuckGuard provides a strong, added layer of corrosion resistance. HuckGuard for bolts is a zinc-rich basecoat, plus an organic topcoat, that helps protect the integrity and life of the joint. In fact, collars and nuts treated with HuckGuard can sustain up to 500 hours of salt spray testing.

The test: two collars. 500 hours of salt spray. One clear choice.
After three weeks of ASTM B117 salt spray exposure, two collars were compared side-by-side.

On the left: a traditional collar not coated with HuckGuard
On the right: a collar with new HuckGuard coating
The challenge: To establish a minimum of 500 hours salt spray resistance to red rust corrosion on a swaged collar, without increasing the required swage load.

The difference: dramatic.

The choice is clear: HuckGuard protects swaged collars and Huck 360 nuts from harsh environments, such as those found in a number of industries including oil and gas, rail, trucking, and many others.

**To Order:** Simply add the suffix X to your collar part number.

_Eg. MBTC-R16BL_
Standard Zinc Plate, Black Trivalent Chromate BobTail® Collar

_MBTC-R16BLX_
Standard Zinc Plate, Black Trivalent Chromate BobTail Collar with One Coat of HuckGuard™

_MBTC-R16BL2X_
Standard Zinc Plate, Black Trivalent Chromate BobTail Collar with Two Coats of HuckGuard (minimum 1,000 hours corrosion protection)
The HuckGuard™ Process

The HuckGuard™ Advantage
Applied in-house at Alcoa Fastening Systems & Rings (AFSR), HuckGuard™ delivers:

• Speed of delivery
  Because we apply HuckGuard on site, we don't need to build in extra time for shipping to a supplier. You aren't held hostage by another company's schedule.

• Quality control
  Because AFSR has invested in proprietary HuckGuard equipment and the process is optimized for Huck fasteners, we're able to assure the highest level of quality control.

• Value
  With no shipping and no middlemen, you avoid needless costs.

Why HuckGuard™?
HuckBolts are installed with a direct tension swaging process. This is what gives HuckBolts their superior clamp and tensile strength, and, unlike conventional nuts and bolts, it's what makes them vibration resistant. This installation process creates significant shear force on the fastener collars, which can compromise the collar's finish and ultimate corrosion-resistant properties.

However, fasteners treated with HuckGuard™ offer the added layer of protection needed to guard against the forces of this direct tension/swaging process. HuckGuard adheres to the zinc basecoat, while providing a high degree of ductility.

In addition, HuckGuard contains an integral lube. When applied, it delivers the same torque tension characteristics as found on standard nuts and bolts. No need to use different tooling to install Huck 360 nuts. HuckGuard treated fasteners can be installed with the same tooling you’re already using, and carry the same torque requirements.
For more than 120 years, the name Alcoa has been recognized worldwide as a strong leader in product quality and customer support. These strengths are found in every product manufactured for Alcoa Fastening Systems & Rings, offering the greatest breadth and depth of fastening system solutions in the industry.

Alcoa Fastening Systems & Rings (AFSR) maintains company offices in the United States and in many other countries. AFSR fastener distributors are also located in many of the world’s industrial centers, where they provide a ready source of AFSR fasteners, installation tools, tool parts, and application assistance.

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