



## HI-CASS BOLTS AND NUTS



### The Surface Construction



#### Hi-Cass Feature

- ★ Class 8.8
- ★ Flange & Serration design. No need assemble with spring washer & Flat washer.
- ★ Nano ceramic chemical bonding provides stronger adhesion. Typical coatings are merely overlaid on metal surfaces, leading to weaker adhesion. In contrast, HI-CASS coatings form chemical bonds with the metal substrate, enhancing interfacial strength.

- ★ Thin & uniform coating. Passes 2000 hrs. salt spray test & 200 hrs. CASS test as per ASTM B368.
- ★ Surface insulation. Prevents galvanic corrosion caused by potential difference.
- ★ RoHS compliant. Environmentally friendly.
- ★ Meets ESG requirements. Coating process conserves water, energy, and GHG emissions.

Applied to

Solar brackets , charging stations , street lamps , and outdoor / energy equipment

