



Solid Fastener for High Demand Applications

XLHEAD

Composed from a single rod, the XL Head threaded bolt provides versatility and guaranteed efficiency. Without any welded parts, it is made from stainless and galvanized steel materials for high strength and concealed applications in plastic materials, fiber composites, laminates and wood materials.

The XL Head provides a reliable and secure solution where a mechanical fixing is required for molded parts made from carbon fiber, plastic, glass reinforced plastic and other composite materials.

Through a simply assembly, it can be either surface bonded with an adhesive or embedded into the molded component allowing a sturdy fastening point, which cannot be broken or be pulled out.



KEY ADVANTAGES

- Simple, effortless and time efficient for on-site assembly
- Extremely versatile
- Lightweight with accurate performance
- Surface bonding to various materials; fiber composites, fiberglass, carbon fiber, sheet moulding compound, and other molding compounds
- For dirt-proof processing, protective polyethylene covers can be applied
- Designed to support complex geometries
- No secondary operations required allowing for a quick final assembly
- Embedded fixing providing a concealment for improved product design

XL Head is applicable in various industries such as:

- Automotive
- Marine
- Rail and Specialty Vehicles
- White goods
- Furniture
- Construction
- Energy
- Mechanical Engineering

The XL Head is unique and creates solutions to overcome many challenges such as:

MECHANICAL

Discrete application to fasten different materials and thicknesses with a single side access

PROCESS

Part count reduction with simplified assembly, installation flexibility suitable for manual, machine and automated production

PRODUCTIVITY

Reduction in cycle times, no secondary operations, and precise positioning

