

Mild Steel (MS) hex bolts with a **1/2-inch nominal diameter** are versatile, economy-grade fasteners widely used in steel fabrication, machinery setups, construction, and lower-stress industrial assemblies.

1/2" MS Hex Bolt Specifications Overview

- **Thread Pitch Standard:** Commonly available in **UNC (Unified Coarse - 13 Threads Per Inch)** or traditional British standard **BSW (British Standard Whitworth - 12 Threads Per Inch)**.
- **Material:** Mild Steel (low carbon steel), typically untreated or coated with **zinc plating** or **black oxide** for standard rust protection.
- **Wrench/Spanner Size:** Typically requires a **3/4-inch spanner** for the head assembly.