ASTM A193 B7 Chromium-Molybdenum Steel Stud Bolt

High-strength stud bolts are manufactured from heat-treated chromium-molybdenum alloy steel. Designed for high-pressure and high-temperature bolting applications, they exhibit excellent tensile strength and are suitable for use in flanges, valves, and pressure vessels.

Product Overview

High-Performance Industrial Stud Bolts

These ASTM A193 B7 stud bolts are engineered from heat-treated chromium-molybdenum alloy steel, specifically designed for demanding high-pressure and high-temperature environments. Ideal for critical infrastructure, they are widely utilized in flanges, valves, and pressure vessels within the oil, gas, and power generation sectors. Their robust construction ensures reliable performance and excellent tensile strength under extreme operating conditions.

Technical Standards

Specific References

- DIN 931/33
- DIN 960/61
- DIN 934
- DIN 125/27
- DIN 6914/15/16
- DIN 7990
- ISO 4014/17
- ASTM A325
- ASTM A490
- ASTM A563
- ASTM F436
- ASTM A193 B7
- ASTM A194 2H

Supported Standards	DIN, ISO, ANSI, ASME, BS, AS, JIS

Material & Finish

Material

Carbon Steel • Alloy Steel

Surface Finishes	Plain, Black Oxidized, Zinc Plated, Hot Dip Galvanized, Dacromet
Available Grades	8.8, 10.9, 12.9, Gr5, Gr8

Logistics & Supply

Monthly Supply Ability

800 tons/month
Supply Capacity

Delivery Lead Time	7-30 days
Standard Packing	25kg per carton, 36 cartons per pallet (customizable upon request)

Applications

Primary Applications

- Building Construction
- Instrumentation
- Automotive
- Furniture Manufacturing
- Oil & Gas Infrastructure
- Petrochemical Plants
- Power Generation