Big Bolt Nut

Bigger Diameter Bolts and Nuts

Stud Bolts
Double Ended Stud Bolts
Hexagon Head Bolts/Hexagon Nuts
Hexagon Socket Head Cap Screws
High-strength Structural Bolting Assemblies - System Hv

Fasteners for Wind Energy Sector
Product Range

High strength structural bolting assemblies - HV EN 14399-4 / DAS guidelines 021, DIN 6914 / 6915 / 6916
- Manufactured from M-30 to M-90 diameter
- Grade HV 10.9
- Finish: Hot dip galvanised, Geomet, Dacromet
- In house forging & Machining on CNC machines
- Thread rolling on 60 Ton Italian machines
- Heat treated in sealed quench furnace for 100% accuracies

Double ended stud bolts
- Manufactured from M-30 to M-42 diameter
- Grade 10.9
- Finish: Hot dip galvanised, Geomet, Dacromet
- In house machining on CNC machines
- Heat treated in sealed quench furnace for 100% accuracies
- For Rotor blades
- For Nacelle assemblies

Hexagonal head bolts ISO 4014 / 4017
- Manufactured from M-24 to M-90 diameter
- Grade 8.8, 10.9, 12.9
- Finish: Hot dip galvanised, Geomet, Dacromet, Zinc plated
- In house forging & Machining on CNC machines
- Thread rolling on 60 Ton Italian machines
- Heat treated in sealed quench furnace for 100% accuracies

Quality & testing

Quality comes first, which is why we have in our factory the complete range of testing equipment to satisfy the product certification needs. These include
- 2000 KN (200 ton) UTM
- Future tech (Japan) HV 0.3 Micro vickers hardness tester
- Brinell hardness tester
- Rockwell hardness tester
- Charpy test, impact test
- Profile projector
- Metallography sample preparation machines
- Metallurgical microscope for micro structure analysis
- Spectrometer

Sealed quench heat treatment

Heat treatment is most important aspect of manufacturing bolts and nuts for wind energy, we have the latest heat treatment sealed quench furnace at controlled atmospheric conditions to provide the best grain structure and heat treated high tensile quality bolts and nuts.
- 8000 kg daily production
- 1200 mm long bolts can be heat treated

Foundation bolts
- Manufactured from M-30 to M-42 diameter
- Grade 8.8, 10.9
- Finish: Hot dip galvanised, Geomet, Dacromet
- Double ended foundation bolts

Direction

Soaring high is our nature, that is the mantra at our company. Our continuous growth rate of over 600% year after year reflects the goal we need to achieve. We stand alone with cutting edge technological solutions that give our customers the competitive edge.

Our sales turnover has surpassed USD $ 12 million in the year 2015 and we are exporting fasteners in over 56 countries in 5 different continents all over the world.
Manufactured by
KAPIL ENTERPRISES

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