



arvind Industries





INTRODUCTION OF FASTENERS

A fastener or fastening is a hardware device that mechanically joins or affixes two or more objects together. In general, fasteners are used to create non-permanent joints; that is, joints that can be removed or dismantled without damaging the joining components. Welding is an example of creating permanent joints. Steel fasteners are usually made of stainless steel, carbon steel, or alloy steel.



INDUSTRIAL FASTENER MATERIALS

There are three major steel fasteners used in industries: stainless steel, carbon steel, and alloy steel. The major grade used in stainless steel fasteners: 200 series, 300 series, and 400 series. Titanium, aluminum, and various alloys are also common materials of construction for metal fasteners. In many cases, special coatings or plating may be applied to metal fasteners to improve their performance characteristics by, for example, enhancing corrosion resistance. Common coatings/platings include zinc, chrome, and hot dip galvanizing.

When choosing a fastener for a given application, it is important to know the specifics of that application to help select the proper material for the intended use.

Factors that should be considered include:

- Accessibility
- Environment, including temperature, water exposure, and potentially corrosive elements
- Installation process
- Materials to be joined
- Reusability
- Weight restrictions

MATERIALS & GRADES

GRADE FOR BOLTS/ STUDS:-

- IS / ISO / DIN :- GRADE 4.6,4.8,5.6,5.8,6.8,8.8,9.8,10.9,12.9

* ASTM A193 :- GRADE B6,B7,B7M,B16,B8,B8M,B8T

* ASTM A307:- GRADE A AND B

* ASTM A320 :- GRADE L7, L7M, L43

* ASTM A325 /A490:- TYPE 1

* GRADES FOR NUTS :-

* IS/ISO/DIN :- GRADE 4,5,6,8,10,12

* ASTM A194 :- GRADE 2H,2HM,6,7,7M,8,8M,8T

* ASTM A563 :- GRADE A,B,C,D AND DH

* STAINLESS STEEL:-

* 304 304L

* 310 316

* 316L 321

* 410 420

* A4-70 A4-80

* EXOTIC ALLOY, DUPLEX & SUPER DUPLEX:-

* MONEL 400/K500

* HASTELLOY B3, C22, C276

* INCONEL 600,601,625,718

* UNS S32750 UNS S32760

SURFACE COATING

* XYLAN/PTFE

* ZINC PLATED

* HOT DIPPED GALVANISED

* PHOSPHATED

* MOLYCOATED

* SILVER PLATED

* NI-CAD PLATED

* NICKEL PLATED

PRODUCT LIST

**GRADES - STAINLESS STEEL | ALLOY STEEL
CARBON STEEL & ETC.**

SIZE RANGE M16 TO M90

STANDARDS - IS | BS| DIN| ASTM| SAE | AISI

LENGTH UP TO - 1 MTR./ 39.4 INCH

- HEXAGONAL HEAD BOLTS AND SCREWS**
- SOCKET HEAD CAP SCREWS, ALLEN CAP, CSK BOLT**
- HEX NUT, LOCK NUT, CASTLE NUTS, DOOM NUTS,
CAP NUTS, FLANGE NUTS, SQUARE NUTS**
- SPECIAL FASTENERS LIKE HALF THREAD BOLT,
BI- AXIAL HEXAGONAL BOLTS, SQUARE HEAD BOLTS,
COLLAR BOLTS, LINEAR BOLTS ETC**
- FASTENERS FOR MARINE PURPOSE ALL TYPE OF
RESIN ANCHORS, ANCHOR FASTENERS,
ANCHOR BOLT ASSEMBLY, U HOOKS ETC**
- J-BOLT, L-BOLT, T – BOLT, EYE BOLT, CARRIAGE BOL**
- FULLY THREADED AND DOUBLE ENDED STUDS**
- THREADED BAR LENGTH UP TO 6 MTR.**
- HIGH STRENGTH STRUCTURAL FASTENERS**



● USED IN VARIOUS INDUSTRIES ●



● WE BELIEVE THAT QUALITY IS ● AN OBLIGATION AND A RESPONSIBILITY.

We are committed to satisfy the needs and expectations of our customers by manufacturing and supplying Stainless Steel Fasteners of stated quality, timely delivery and realiable services at all times.

We strive for continuous improvement through productivity and employee participation. We make sure each and every product face rigorous inspection stages during production process before they make it to the box, ready for shipment.

The Management shall promote Quality at all levels through execution of the quality management system complying to ISO 9001:2015 standard.

We always aim to give zero defect products to our customers. Every products is certified after final inspection and packaging for its conformance against specified international standards or customer specific requirements. We always believe in continuos improvement in our products keeping in view of customer's requirement.



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