

A PARADISE OF FASTENERS

PRODUCTS



Hexagon Bolts / Tower Bolts

ASP Pvt. Ltd. is well known for their world class Hexagon Bolt / Tower Bolts Fasteners, manufactured in order to serve the best to our Domestic and International clients. We believe in offering the best in class products at the most competitive rates to our clients. As Hexagon Bolts fasteners are widely required in several industrial applications, they get manufactured as per industry guidelines in order to meet international quality standards.

Common Standards Include:

- IS 1363-I, 1364
- ISO 4016, 4014
- DIN 601, 931
- ASTM A307, A449
- BS 4190, EN 24014
- GRADE 4.6 / 5.6 / 8.8 / 10.9
- DIA / RANGE – M12-M39
- AS 1111



Hexagon Screw

We are leading Industrial Hexagon Screws manufacturer, suppliers & exporters. At ASP, we provide you with a wide range of products in regular as well as in metric shapes and specifications. Our quality compliant products are manufactured and designed to cater the needs of modern day industry.

Common Standards Include:

- IS 1363-II, 1363-III
- ISO 4018, 4017
- DIA / RANGE – M12-M39
- DIN 558, 933
- ASTM A307
- AS 1111
- BS EN24018, EN 24017
- GRADE 4.6 / 5.6 / 8.8 / 10.9



Hexagon Nuts

ASP Pvt. Ltd. is a big name in the manufacturing, supplying and exporting of best in class Industrial Hexagon Nuts. Our complete range includes Hexagon Nuts which are specifically developed in accordance to the industry guidelines. As their usage is well known in several industries like automobile, construction, production and hardware, all our products are manufactured in order to meet their requirements in the best possible manner.

Common Standards Include:

- IS 1363-III, 1364-III
- ISO 4034, 4032
- DIA / RANGE – M12-M39
- DIN 555, 934
- ASTM A563
- BS EN24034, EN 24032
- AS 1112, 3692



Road Crash Barrier Bolts & Carriage Bolts

Road Crash Barriers Bolts & Carriage Bolts are distinguished from other bolts by its shallow mushroom head and that the shank cross-section of the bolt is circular for most of its length, as usual, but the portion immediately beneath the head is formed into a square section. We also manufacture Road Crash Barrier Bolts and Carriage Bolts as per customer's specifications in various grades.



Bolts (HSFG)

ASP Pvt. Ltd. (ASP) is one of the leading Industrial Bolts (Heavy Series) manufacturers, suppliers & exporters. At ASP, we provide you with a wide range of products in regular as well as in metric shapes and specifications. These are primarily used in fastening of heavy structures.

Common Standards Include:

- IS 3757
- ISO 7411/7412
- DIA / RANGE – M12-M30
- DIN 6914
- ASTM A325M/A490M
- AS 1252
- BS 4395-1 & 4395-2
- GRADE 8S / 10S

PRODUCTS



Nut (HSFG)

Nuts (Heavy Series) are slightly larger and thicker than standard (finished) hex nuts. There are numerous grades and the heavy pattern is typically used for large diameter and high strength bolts.

Common Standards Include:

- IS 6623
- ISO 7417
- DIA/ RANGE – M12-M30
- DIN 6914
- ASTM A563M
- AS 1252
- BS 4395
- GRADE 85/105



Spring Washers

Spring washers are the most commonly used part to prevent assembly components from loosening. They apply greater bolt tension per unit of applied torque, and provide protection against loosening resulting from vibration. We provide you with a wide range of products in regular as well as in metric shapes and specifications.

Common Standards Include:

- IS 3063
- DIA/ RANGE – M12-M39
- DIN 127
- BS 4464



Plain Washers

A washer is a thin plate (typically disk-shaped) with a hole (typically in the middle) that is normally used to distribute the load of a threaded fastener, such as a bolt or nut. Washers are also important for preventing galvanic corrosion, particularly by insulating steel screws from aluminum surfaces.

Common Standards Include:

- IS 2016
- ISO 7091
- DIN 126
- BS 4320
- DIA/ RANGE – M12-M39



Pack Washers

A washer is a thick plate (typically disk-shaped) with a hole (typically in the middle) that is normally used to distribute the load of a threaded fastener, such as a bolt or nut. Pack Washers are also important for preventing galvanic corrosion, particularly by insulating steel screws from aluminum surfaces.

Common Standards Include:

- ISO 7989
- And as per customer requirements



Taper Washers

Taper Washer is square or half round. Taper washers are designed to be used on channel sections, underneath nuts with tapered flanges to enable the bolt assembly to fit square when tightened. ASP is one of the leading Industrial Tapers Washers manufacturers, suppliers & exporters. At ASP, we provide you with a wide range of products in regular as well as in metric shapes and specifications.

Common Standards Include:

- IS 6649

PRODUCTS



Step Bolts

Step bolts are literally used as steps on steel communication and electrical transmission towers. We manufacture Step Bolts ranging from $\varnothing 16\text{mm}$ to $\varnothing 24\text{mm}$ as per customer's requirements in various grades.

Common Standards Include:

- IS 10238
- GRADE 4.6/5.6/6.8/8.8



U-Bolts

A U-Bolt is a bolt in the shape of the letter U with screw threads on both ends. U-Bolts have primarily been used to support pipe work, pipes through which fluids and gasses pass. As such, U-bolts were measured using pipe-work engineering. These are manufactured and designed to cater the needs of modern day industry.

Common Standards Include:

- ISAS PER DRGS.
- GRADE 4.6/8.8



Anti-Theft Bolts & Nuts

Anti-Theft Bolts & Nuts are used to protect from theft of tower fasteners. These are special type of Bolts & Nuts to customer's requirements. The utility of such products are very special with a specific requirement of torque for breakage of the Hex part for fixing & locking.

Common Standards Include:

- ISAS PER DRGS.
- GRADE 5.6/5 - 6.8/6 - 8.8/8



HSFG Washers

These are hardened and tempered washers to be used in the assembly of HSFG Bolts & Nuts for proper gripping of pliers in the structures.

Common Standards Include:

- IS 6649



DTI Washers

Direct Tension Washers (DTI) are manufactured with a special configuration to be used with HSFG Bolts & Nuts to comply mechanical properties of 8.8 and 10.9 grades. It has an important role in the Tightening Process. During tightening the protrusions of the DTI Washers get compressed thereby ensuring proper tightening achieving required tension by applying torque.

Common Standards Include:

- BS EN 14399 (PT-9)