



**omaa**  
metal sources



FASTENERS

## HEXAGONAL NUT

Hexagon Nuts are Designed to perfection, these nuts possess close tolerance and precision dimensions. Our quality controllers undertake stringent quality measures in order to provide our clients a flawless range of nuts. Further, to retain the trust of our valued clients, we also provide them with certificate regarding testing parameters undertaken by our organization. We offer our range of Hexagon Nuts in various sizes, thicknesses & dimensions, and material & grades. These nuts meet the requirements of hardware, engineering, electrical and various other industries. We also customize our range of Hexagonal Nuts to meet the different requirements of our clients. Further, our range can be availed at market leading prices.

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M27 to M52

Duplex & Super Duplex : UNS31803, S32750.

Diameter : M16 to M27

Hastelloy : Hastelloy C-276, Hastelloy C-22.

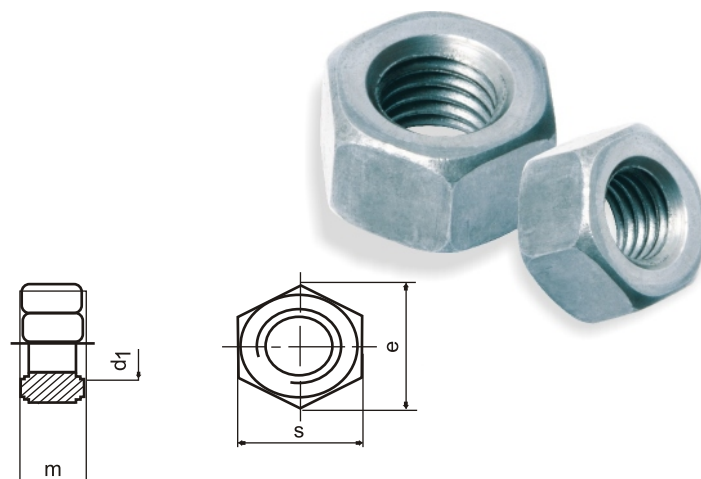
Diameter : M8 to M27

Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M8 to M27

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

Diameter : M8 to M27



" All measurements in millimeters (mm)"

**DIN 934 / ISO 4032**

## THREADED RODS: DIN 975 & DIN 976

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M3 to M100 From 10MM to 6MTS

Duplex & Super Duplex: UNS31803, S32750.

Diameter : M3 to M100 From 10MM to 1000MM

Hastelloy : Hastelloy C-276, Hastelloy C-22.

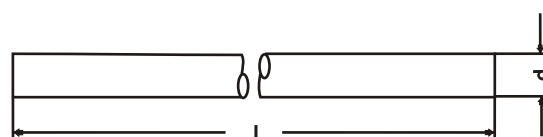
Diameter : M3 to M36 From 10MM to 1000MM

Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M3 to M36 From 10MM to 1000MM

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

Diameter : M3 to M36 From 10MM to 1000MM



## REFRACTORY ANCHOR

SS Refractory Anchors are manufactured from good grades of steel and have find applications in various industries. Some of the industries are cement, ceramic, steel, thermal, petrochemical, power and many more. The Stainless Steel Refractory Anchors offered by us are available in assortment of shapes and sizes but usually they are in the shape of Y, U and V. In addition to this, we provide availability of Refractory Anchors in unlike specifications as per the preferences of global clients. We are tagged as one of the most illustrious Industrial Refractory Anchors Suppliers from India. To enquire about the desired product(s)

### Chemical Composition of Stainless Steel

Chemical Composition Per Cent/ Grade	C % Max	Mn % Max	P % Max	S % Max	Si % Max	Cr % Ni% Max	Nr% Max
304 304-L	0.08 0.03	2.00	0.045	0.030	1.00 0.75	18.00 to 20.00	08.00 to 10.00
310 310S	0.25 0.08	2.00	0.045	0.030	1.00 0.75	24.00 to 26.00	19.00 to 22.00

### Temperature Resistant of Anchor Metal

Anchor Metal	Temperature Resistant
Mild Steel [MS]	540 Degree C
Stainless Steel 304	1080 Degree C
Stainless Steel 310	1350 Degree C

### SPIRAL-Y-ANCHORS

We are specialized in manufacturing superior quality Spiral Y- Anchors,these are widely used in various industrial applications.

#### Specifications

- 215 X 145 X 5 MM
- 190 X 45 X 5 MM.
- 185 X 105 X 5 MM.
- 175 X 30 X 5 MM.
- 155 X 70 X 5 MM.
- 90 X 30 X 5 MM.
- 80 X 30 X 5 MM.



### V-ANCHORS

We are manufacturer & supplier of V-Anchor, to match all types of lining for cement, ceramic, steel, petrochemical, refinery industry for the retaining of monolithic, ceramic fiber and brick linings. Our anchors are suitable for single & dual layer lining, brick, ceramic, fiber and monolithic. All refractory anchor made from stainless steel [SS] 304, 310, Alloy 601- inconel and other heat resistant alloys.

Specifications: 55 X 15 X 05 MM



### U-ANCHORS

We manufacture and export superior quality U-Anchors, these can be availed in various specifications like:

- 55 X 16 X 05 MM.
- 225 X 27 X 05 MM.
- Wing Nut Type



### Y-ANCHORS AND CROOK ANCHORS

We manufacture a comprehensive range of refractory anchors for the cement, steel and petrochemical industry - for the retaining of castable and brick linings.Y Anchors and Crook Anchors are offered for immediate dispatch. Various C Clips and Hangers for ceramic anchors to suit individual requirements.

#### Specifications

- 230 X 115 X 05 MM.
- 200 X 100 X 05 MM.
- 150 X 75 X 05 MM.
- 75 X 25 X 05 MM.





## U-BOLTS STANDARD

We are able to provide any extensive range of U-Bolts. The precision engineered range of U-Bolts offered by us is at par with international quality standards and these are available in various grades, sizes, thicknesses, and dimensions as per the industry related application. Besides, we also offer these U-Bolts with extra long nuts and in full round, half round and square profiles on client's request.

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M6 to M36

Duplex & Super Duplex: UNS31803, S32750.

Diameter : M6 to M36

Hastelloy : Hastelloy C-276, Hastelloy C-22.

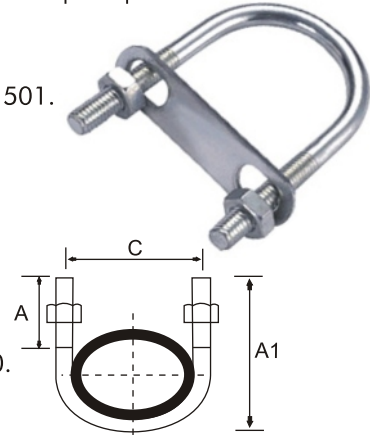
Diameter : M6 to M20

Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M6 to M20

Nickel Alloys : Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

Diameter: M6 to M20



### Features :

- Accurate dimension
- Corrosion resistance
- High efficiency
- High tensile strength Durability

### Application Area :

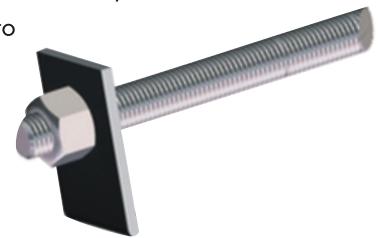
- Pipe clamping
- Foundation support
- Installations and automotive support systems

## RESIN ANCHOR BOLTS

Resin Anchor Bolt Assemblies are used both in new structure as well as replacement uses in old berths.

They are encapsulated in very high strength Epoxy Mortar, which, after inserting pre-packed bolt assembly in to the cavity prepared in jetty and pushing it with little force, breaks the resin capsule and allows to mix the part-a Resin with part-b Hardener to form solid bond between the bolt and concrete.

One Resin Anchor Bolt Assembly contains one no. Fender Fixing Stud, one no. Nut, one no. Chemical Resin Capsule and one no. loose Washer as per Fender type. Resin Anchor Assemblies are available in Stainless Steel as per requirement



## DOUBLE END STUD BOLTS

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M16 to M30 up to 1000 MM in Length

Duplex & Super Duplex : UNS31803, S32750.

Diameter : M16 to M30 up to 1000 MM in Length

Hastelloy : Hastelloy C-276, Hastelloy C-22.

Diameter: M16 to M30 up to 1000 MM in Length

Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M16 to M30 up to 1000 MM in Length

Nickel Alloys : Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

Diameter : M16 to M30 up to 1000 MM in Length





## Hex Bolts & Hex Screws DIN 931 / ISO4014 & DIN 933 / ISO4017

Our range of hex bolts & hex screws is widely used for high-end industrial purpose and automobile industry. These are acknowledged for wear & tear resistance, cost effectiveness, and long functional life. The Hex Head Bolts offered by us are at par with international quality standards. These are available in various shapes and sizes, and other customized forms as per client's specifications and details. We offer these bolts in various grades to suit the application area at industry leading prices.

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M27 to M52 up to 500 MM in Length

Duplex & Super Duplex : UNS31803, S32750.

Diameter : M16 to M42 up to 300 MM in Length

Hastelloy : Hastelloy C-276, Hastelloy C-22.

Diameter : M8 to M27 up to 300 MM in Length

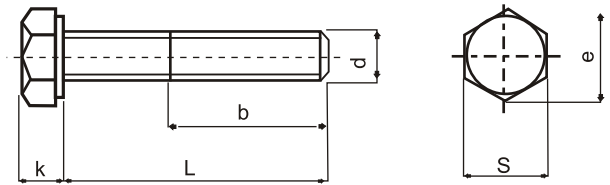
Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M8 to M27 up to 300 MM in Length

Nickel Alloys : Inconel600, 601, 625, 718, 750, 800/800H, 825, 925,

Monel 400, 405, K-500 & Nickel 200.

Diameter : M8 to M27 up to 300 MM in Length



"b" measurement varies according to length of bolt

"All measurements in millimeters (mm)"

**DIN 931 / ISO 4014**

## PLAIN WASHERS

We manufacture our range of Plain Washers in different size options, dimensions, and finishes to suit different industrial applications. These are in high demands in the competitive market owing to their dimensional accuracy, high tensile strength, abrasion resistance, flawless finish, and durability. Our range of Plain Washer is quality tested on well defined parameters by our team of quality controllers. We also manufacture different types of washers as well i.e Tab Washers, Heavy Duty Washers, Tooth Washers, etc. To satisfy our clients fully, we also provide them with testing certificate. Our plain washers are also available in customized forms and at market competitive price.

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501

Diameter : M6 to M72

Duplex & Super Duplex : UNS31803, S32750.

Diameter : M6 to M72

Hastelloy : Hastelloy C-276, Hastelloy C-22.

Diameter : M6 to M72

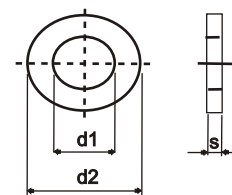
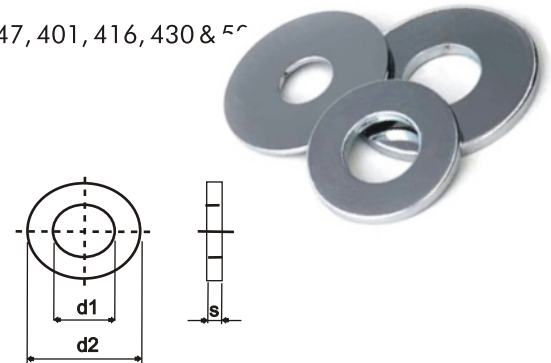
Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter : M6 to M72

Nickel Alloys : Inconel600, 601, 625, 718, 750, 800/800H, 825,

925, Monel 400, 405, K-500 & Nickel 200.

Diameter : M6 to M72



"All measurements in millimeters (mm)"

**DIN 125 / DIN 7089**

## HEXAGON THIN NUTS

We manufacture a comprehensive range of Hexagon Thin Nut. These nuts are fabricated using high-grade stainless steel, nickel alloy, and other useful material in compliance with international quality standards. The Hexagonal Thin Nuts offered by us are appreciated for stiffness, hardness, Rust proof, durability, and ability to withstand harsh weather conditions. Nuts are available in various sizes, lengths, thicknesses, dimensions and grades, which can be further custom made as required by our clients.

Stainless Steels Material Grade : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

Diameter : M27 to M52

Duplex & Super Duplex : UNS31803, S32750.

Diameter : M16 to M100

Hastelloy : Hastelloy C-276, Hastelloy C-22.

Diameter : M8 to M36

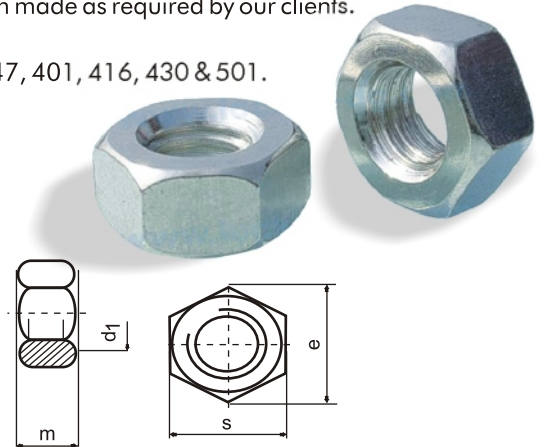
Exotics : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

Diameter: M8 to M36

Nickel Alloys: Inconel600,601,625,718,750,800/800H,825,925,

Monel 400,405,K-500 & Nickel 200.

Diameter: M8 to M36



" All measurements in millimeters (mm)"

**DIN 439 / ISO 4035**

## Wedge Bolts

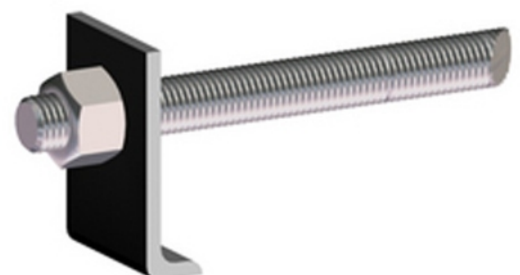


Wedge Bolts are generally employed to fix the Fender to a new wharfs or jetties to be constructed. One Anchor Bolt Assembly contains one no. Fender Fixing Bolt, one no. cast in Sleeve with back side extension Rod welded with end Flange and front side Flange and one no. loose Washer as per Fender type. The sleeves are cast integrally with the structure to ensure maximum strength, these sleeve can be supplied in Stainless Steel as per requirement.

They are very simple in design and user friendly. They are fixed with centering planks before casting of Fender Block, as per centre distances / template. If required we may also supply Anchor Bolts duly fixed in template as per center distance.

## Resin Anchor Bolts

Resin Anchor Bolt Assemblies are used both in new structure as well as replacement uses in old berths. They are encapsulated in very high strength Epoxy Mortar, which, after inserting pre-packed bolt assembly in to the cavity prepared in jetty and pushing it with little force, breaks the resin capsule and allows to mix the part-a Resin with part-b Hardener to form solid bond between the bolt and concrete. One Resin Anchor Bolt Assembly contains one no. Fender Fixing Stud, one no. Nut, one no. Chemical Resin Capsule and one no. loose Washer as per Fender type. Resin Anchor Assemblies are available in Stainless Steel as per requirement





## Finder to Frame Fixing Bolts

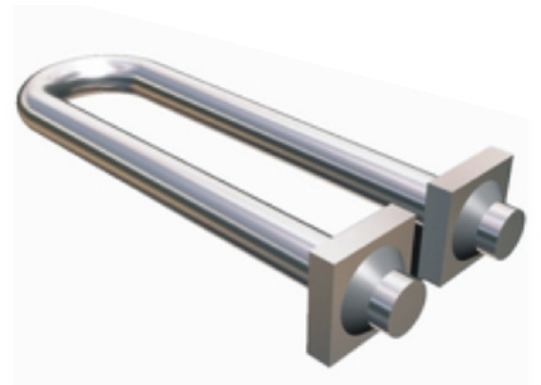
**Stainless Steels Material Grade : 304 & 316**

## DOCK ACCESSORIES

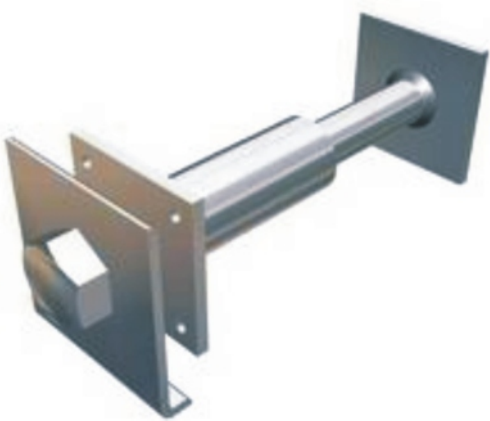
### U-Hooks

U Hooks are available both in MS and SS in different grades. These hooks are required for fixing of Chains for Fenders / Fendering Systems in New Wharf / Jetty or Structures.

U Hooks are available from 12 mm Diameter to 100 mm Diameter as per requirement. These Hooks can also be used as an anchor for Mooring Rings.



### Anchor Bolts



Anchor Bolt Assemblies are generally employed to fix the Fender to a new wharfs or jetties to be constructed. One Anchor Bolt Assembly contains one no. Fender Fixing Bolt, one no. cast in Sleeve with back side extension Rod welded with end Flange and front side Flange and one no. loose Washer as per Fender type. The sleeves are cast integrally with the structure to ensure maximum strength, these sleeve can be supplied in Stainless Steel as per requirement.

They are very simple in design and user friendly. They are fixed with centering planks before casting of Fender Block, as per centre distances / template. If required we may also supply Anchor Bolts duly fixed in template as per center distance.



# Product Range



## MATERIAL GRADES

### EXOTIC ALLOYS

904L, A-286, Alloy20, Alloy 50, Nitronic Alloy 50, Titanium

### HASTELLOY

Hastelloy C-276, Hastelloy C-22

### NICKEL ALLOYS

Inconel 600, Inconel 601, Inconel 625, Inconel 718,  
Inconel 800/800H, Inconel 825, Inconel 925, Inconel 750,  
Monel 400, Monel 405, Monel K-500, Nickel

### PH GRADES

13-8PH, 17-4 PH, 17-7 PH, 15-5 PH

### DUPLEX / SUPER DUPLEX

660 A, 660 B, UNS 31803, S 32750, S 32760

### STAINLESS STEELS

304, 304L, 309, 310, 316, 316L, 317,  
317L, 321, 347, 410, 416, 430, 501

### ALUMINIUM

Aluminium 2024, Aluminium 6061



## Hex Bolts & Hex Screws DIN 931 / ISO4014 & DIN 933/ISO4017

Our range of Hex Bolts & Hex Screws are widely used for high-end industrial purpose and automobile industry. These are acknowledged for wear & tear resistance, cost effectiveness, and long functional life. The Hex Head Bolts offered by us are at par with international quality standards. These are available in various shapes and sizes, and other customized forms as per client's specifications and details. We offer these bolts in various grades to suit the application area at industry Competitive prices.



**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M27 to M52 up to 500 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M16 to M42 up to 300 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

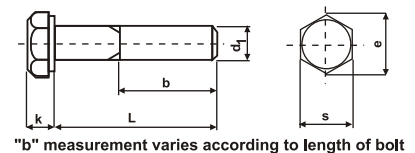
**Diameter :** M8 to M27 up to 300 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M8 to M27 up to 300 MM in Length

**Nickel Alloys :** Inconel600,601,625,718,750,800/800H,825,925,Monel 400,405,K-500 & Nickel 200.

**Diameter :** M8 to M27 up to 300 MM in Length

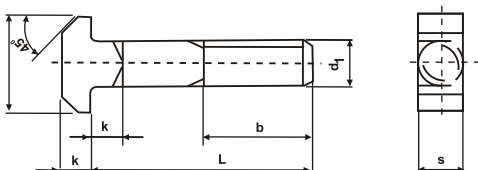


"b" measurement varies according to length of bolt

\* All measurement in millimeters (mm)\*

DIN 931/ISO 4014

## T- Head Bolts



\* All measurement in millimeters (mm)\*

DIN 186

These bolts are fabricated in compliance with international quality standards. Our range of T-Head Bolts is quality tested on various parameters to ensure defect free assortment reaches at client's end. T-Head Bolts offered by us are widely used in various sectors such as refineries, petrochemicals, pesticides, fertilizers and many more. These are highly acknowledged for their salient features such as accurate construction, heat and moisture resistance, efficient performance and long functional life. Our range of T-Head Bolts is precision engineered in T-head shapes, and is available in custom made specifications as per customer's requirements.

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M16 to M42 up to 300 MM in Length

**Exotic :** 904L, A-286, Alloy20, Alloy 50, Nitronic Alloy 50, Titanium

**Diameter :** M16 to M42 up to 300 MM in Length

## STONE CALDDING CLAMPS

### Marble Fixing System

Stainless Steels Material Grade : 304 & 316



### Sleeve Anchor

#### Product Detail

we are produce the stainless steel anchor, wedge anchor, sleeve anchor, bolt anchor and so on,

Stainless Steel Material Grade : is s.s 304, s.s 316

### Wedge Anchor

Stainless Steels Material Grade : 304 & 316





## Hexagonal Nut

Hexagon Nuts are Designed to perfection, these nuts possess close tolerance and precision dimensions. Our quality controllers undertake stringent quality measures in order to provide our clients a flawless range of nuts. Further, to retain the trust of our valued clients, we also provide them with certificate regarding testing parameters undertaken by our organization. We offer our range of Hexagon Nuts in various sizes, thicknesses & dimensions, and material grades. These nuts meet the requirements of hardware, engineering, electrical and various other industries. We also customize our range of Hexagonal Nuts to meet the different requirements of our clients. Further, our range can be availed at market competitive prices.



**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M27 to M52

**Duplex & Super Duplex :** UNS 31803, S 32750.

**Diameter :** M16 to M52

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

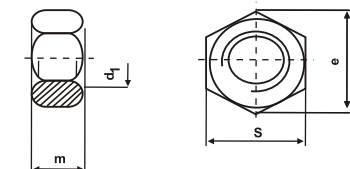
**Diameter :** M8 to M27

**Exotics :** 904L, A-286, Alloy 20, Alloy 50, Nitronic Alloys 50, Titanium.

**Diameter :** M8 to M27

**Nickel Alloys :** Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M8 to M27



\* All measurement in millimeters (mm)\*

DIN 934 / ISO 4032

## Hexagon Domed Cap Nuts



Our range is widely used in wheels, steering columns and body exposed parts. These are appreciated for excellent durability, high temperature resistance and capability to withstand chemicals. We offer our range of Hexagon Nuts in various shapes, sizes, dimensions, and grades. Moreover, with the assistance of our team of professionals, we are able to meet the various requirements of clients. To provide these nuts in appropriate condition to our clients, we package these nuts using quality packaging material.

## U-Bolts Standard

We are able to provide extensive range of U-Bolts. The precision engineered range of U-Bolts offered by us are at par with international quality standards and available in various grades, sizes, thicknesses, and dimensions as per the industry related application. Besides, we also offer these U-Bolts with extra long nuts and in full round, half round and square profiles on client's request.

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M6 to M36

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M6 to M36

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

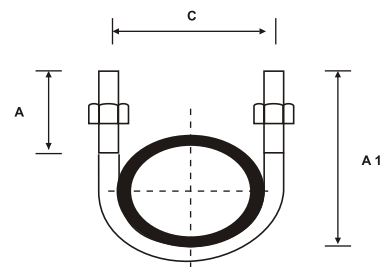
**Diameter :** M6 to M20

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M6 to M20

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel400, 405, K-500 & Nickel 200.

**Diameter :** M6 to M20



### Features :

- Accurate dimension
- Corrosion resistance
- High efficiency
- High tensile strength Durability

### Application Area :

- Pipe clamping
- Foundation support
- Installations and automotive support systems

## Foundation Bolts

We are engaged in providing a precision engineered range of Foundation Bolts to our clients based across the globe. These bolts are manufactured using high quality raw material and as per the latest technical developments. We offer our range of Foundation Bolts in various sizes, thicknesses, lengths, and material. These are extensively used in numerous industrial sectors. Our wide assortment of Foundation Bolts is highly appreciated for its excellent tensile strength, durability, and dimensional accuracy. These corrosion resistance bolts are in high demand among our clients spread in different parts of the world. We are successful in catering to the diverse requirements of our clients as we also offer customization facility. Moreover our range of Foundation Bolts is available at market competitive prices.

**RANGE :** M10 to M100, length upto 5 meters

### NICKEL ALLOY

**Standard :** ASTM / ASME SB 160 / 164 / 425 / 166 / 446 / 574 / 472

**Grade :** UNS 2200 (NICKEL 200) / UNS 2201 (NICKEL 201), UNS 4400 (MONEL 400), UNS 8825 (INCONEL 825), UNS 6600 (INCONEL 600) / UNS 6601 (INCONEL 601), UNS 6625 (INCONEL 625), UNS 10276 (HASTELLOY C 276), UNS 8020 (ALLOY 20 / 20 CB 3)

### STAINLESS STEEL

**Standard :** ASTM / ASME A/SA 193 / 194

**Grade :** B 8 (304), B 8C (SS 347), B 8M (SS 316), B 8 T (SS 321), A 2, A 4

### ALLOY STEEL

**Standard :** ASTM / ASME A/SA 193 / 194 Gr.

**Grade :** B 6, B 7 / B 7M, B 16, 2, 2HM, 2H, GR 6, B 7, B 7M.

**Duplex Steel :** UNS No.S 31803, S 32205

- Coating
- Hot Dipped Galvanizing
- Phosphate
- Teflon
- Xylon
- Zinc
- Cadmium

**Test Certificate :** manufacturer test certificate as per en 10204 / 3.1b



## Hexagon Thin Nuts

We manufacture a comprehensive range of Hexagon Thin Nut. These nuts are fabricated using high-grade stainless steel, nickel alloy, and other useful material in compliance with International quality standards. The Hexagonal Thin Nuts offered by us are appreciated for stiffness, hardness, durability, and ability to withstand harsh weather conditions. Reliable and rust proof nuts are available in various sizes, lengths, thicknesses, dimensions and grades, which can be further custom made as required by our clients. Our range of Hexagon Thin Nut is widely used in heavy duty applications and various other industrial purposes.



**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M27 to M52

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M16 to M52

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

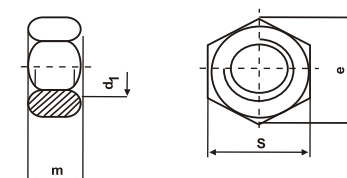
**Diameter :** M8 to M27

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter:** M8 to M27

**Nickel Alloys:** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter:** M8 to M27



\* All measurement in millimeters (mm)\*

DIN 439 / ISO 4035

## Threaded Rods: DIN 975 & DIN 976



**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M3 to M70 From 10MM to 3000MM

**Duplex & Super Duplex:** UNS31803, S32750.

**Diameter :** M3 to M70 From 10MM to 1000MM

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

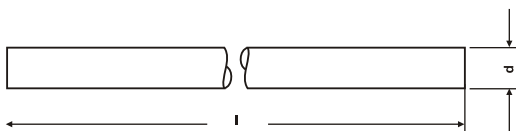
**Diameter :** M3 to M36 From 10MM to 1000MM

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M3 to M36 From 10MM to 1000MM

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M3 to M36 From 10MM to 1000MM





## Refractory Anchor

**SS Refractory Anchors** are manufactured from good grades of steel and have find applications in various industries. Some of the industries are cement, ceramic, steel, thermal, petrochemical, power and many more. The Stainless Steel Refractory Anchors offered by us are available in assortment of shapes and sizes but usually they are in the shape of Y, U and V. In addition to this, we provide availability of Refractory Anchors in unlike specifications as per the preferences of global clients. We are tagged as one of the most illustrious Industrial Refractory Anchors Suppliers from India. To enquire about the desired product(s)

### Chemical Composition of Stainless Sreel

Chemical Composition Per Cent/ Grade	C % Max	Mn % Max	P % Max	S % Max	Si % Max	Cr % Ni% Max	Nr% Max
304 304-L	0.08 0.03	2.00	0.045	0.030	1.00 0.75	18.00 to 20.00	08.00 to 10.00
310 310S	0.25 0.08	2.00	0.045	0.030	1.00 0.75	24.00 to 26.00	19.00 to 22.00

### Temperature Resistant of Anchor Metal

Anchor Metal	Temperature Resistant
Mild Steel [MS]	540 Degree C
Stainless Steel 304	1080 Degree C
Stainless Steel 310	1350 Degree C

### Spiral-Y-Anchors >>

We are specialized in manufacturing superior quality Spiral Y- Anchors, these are widely used in various industrial applications.

#### Specifications

- 215 X 145 X 5 MM
- 190 X 45 X 5 MM.
- 185 X 105 X 5 MM.
- 175 X 30 X 5 MM.
- 155 X 70 X 5 MM.
- 90 X 30 X 5 MM.
- 80 X 30 X 5 MM.



### U-Anchors >>

We manufacture and export superior quality U-Anchors, these can be availed in various specifications like:

- 55 X 16 X 05 MM.
- 225 X 27 X 05 MM .
- Wing Nut Type



### V-Anchors >>

We are manufacturer & supplier of V-Anchor, to match all types of lining for cement, ceramic, steel, petrochemical, refinery industry for the retaining of monolithic, ceramic fiber and brick linings. Our anchors are suitable for single & dual layer lining, brick, ceramic, fiber and monolithic. All refractory anchor made from stainless steel [SS] 304, 310, Alloy 601- inconel and other heat resistant alloys.



#### Specifications:

- 55 X 15 X 05 MM

### Y-Anchors and Crook Anchors >>

We manufacture a comprehensive range of refractory anchors for the cement, steel and petrochemical industry - for the retaining of castable and brick linings. Y Anchors and Crook Anchors are offered for immediate dispatch. Various C Clips and Hangers for ceramic anchors to suit individual requirements.



#### Specifications

- 230 X 115 X 05 MM.
- 200 X 100 X 05 MM.
- 150 X 75 X 05 MM.
- 75 X 25 X 05 MM.

## Hexagon Socket Set Screws With Dog Point

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M6 to M27 up to 200 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M6 to M27 up to 100 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

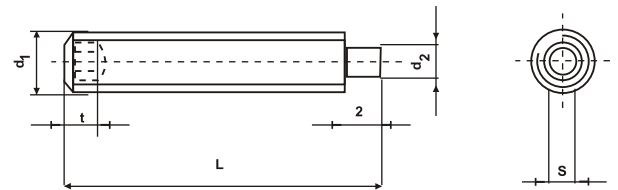
**Diameter :** M6 to M27 up to 100 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M6 to M27 up to 100 MM in Length

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M6 to M27 up to 100 MM in Length



\* All measurement in millimeters (mm)\*

**DIN 915 / ISO 4028**

## Hexagon Socket Set Screws With Cup Point

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M6 to M27 up to 200 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M6 to M27 up to 100 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

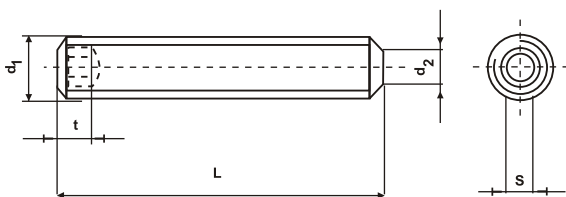
**Diameter :** M6 to M27 up to 100 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M6 to M27 up to 100 MM in Length

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M6 to M27 up to 100 MM in Length

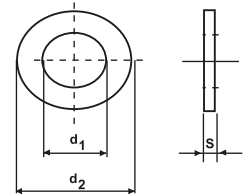


\* All measurement in millimeters (mm)\*

**DIN 916 / ISO 4029**

## Plain Washers

We manufacture range of Plain Washers in different size options, dimensions, and finishes to suit different industrial applications. These are in high demands in the competitive market owing to their dimensional accuracy, high tensile strength, abrasion resistance, flawless finish, and durability. Our range of Plain Washer is quality tested on well defined parameters by our team of quality controllers. We also manufacture different types of washers as well i.e **Tab Washers, Heavy Duty Washers, Tooth Washers**, etc. To satisfy our clients fully, we also provide them with testing certificate. Our plain washers are also available in customized forms and at market competitive price.



\* All measurement in millimeters (mm)\*

DIN 125 / DIN 7089

**Stainless Steels Material Grade** : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter** : M6 to M72

**Duplex & Super Duplex** : UNS31803,S32750.

**Diameter** : M6 to M72

**Hastelloy** : Hastelloy C-276, Hastelloy C-22.

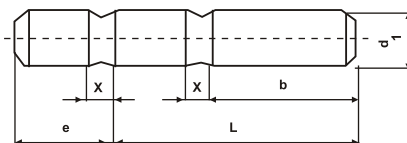
**Diameter** : M6 to M72

**Exotics** : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter** : M6 to M72

**Nickel Alloys** : Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter** : M6 to M72



\* All measurement in millimeters (mm)\*

DIN 835

## Double End Stud Bolts

**Stainless Steels Material Grade** : 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter** : M16 to M30 up to 1000 MM in Length

**Duplex & Super Duplex** : UNS31803,S32750.

**Diameter** : M16 to M30 up to 1000 MM in Length

**Hastelloy** : Hastelloy C-276, Hastelloy C-22.

**Diameter**: M16 to M30 up to 1000 MM in Length

**Exotics** : 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter** : M16 to M30 up to 1000 MM in Length

**Nickel Alloys** : Inconel600,601,625,718,750,800/800H,825,925,Monel 400,405,K-500 & Nickel 200.

**Diameter** : M16 to M30 up to 1000 MM in Length



## Socket Head Allen Cap Screws

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M24 to M36 up to 300 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M8 to M36 up to 300 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

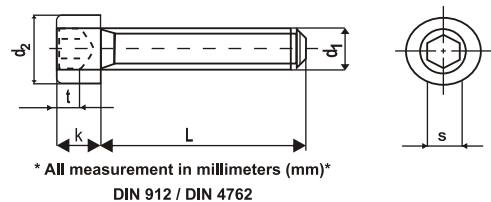
**Diameter :** M8 to M36 up to 300 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

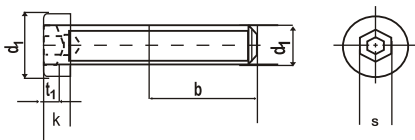
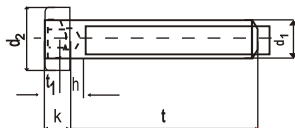
**Diameter :** M8 to M36 up to 300 MM in Length

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M8 to M36 up to 300 MM in Length



## Socket Head Cap Screws Low Head



\* All measurement in millimeters (mm)\*  
DIN 6912

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter:** M16 to M27 up to 200 MM in Length

## Hexagon Socket Set Screws With Flat Point

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M6 to M27 up to 200 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M6 to M27 up to 100 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

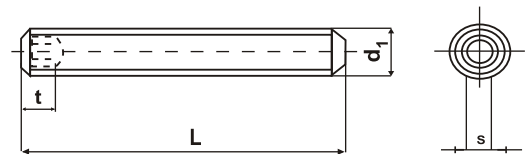
**Diameter :** M6 to M27 up to 100 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M6 to M27 up to 100 MM in Length

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M6 to M27 up to 100 MM in Length



\* All measurement in millimeters (mm)\*

DIN 913 / DIN 4026

## Hexagon Socket Set Screws With Cone Point

**Stainless Steels Material Grade :** 304, 304B, 309, 310, 316, 316B, 317, 317L, 321, 347, 401, 416, 430 & 501.

**Diameter :** M6 to M27 up to 200 MM in Length

**Duplex & Super Duplex :** UNS31803, S32750.

**Diameter :** M6 to M27 up to 100 MM in Length

**Hastelloy :** Hastelloy C-276, Hastelloy C-22.

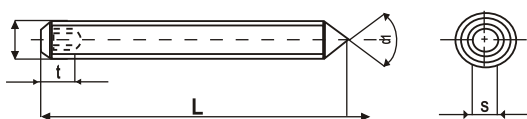
**Diameter :** M6 to M27 up to 100 MM in Length

**Exotics :** 904L, A-286, Alloy20, Alloy50, NitronicAlloys50, Titanium.

**Diameter :** M6 to M27 up to 100 MM in Length

**Nickel Alloys :** Inconel600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200.

**Diameter :** M6 to M27 up to 100 MM in Length



\* All measurement in millimeters (mm)\*

DIN 914 / DIN 4027



## Industries We Serve



**omaa**  
metal sources

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