

رؤية  
VISION 2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

أرامكو السعودية  
saudi aramco



Vendor No.  
S10151074



RIMAH



[www.rimah.com.sa](http://www.rimah.com.sa)



Vendor No.  
2584208



Certified Company

**RIMAH AL-SHARQIA TRADING**  
For Steel Fabrication & Fastners



**RIMAH AL-SHARQIA TRADING** FOR STEEL FABRICATION & FASTENERS

## Who We Are ?

Rimah Al Sharqia Trading For Steel Fabrication and Fasteners is located in Jubail. We are one of the leading manufacturer and suppliers of fasteners and steel fabricated Storage Tanks . Our products are made to confirm to the international standards to quality and durability.

Beside a standard range of product, we can manufacture to customers special design and specification

### Rimah's Aim

Our aim is to achieve customer's satisfaction through continuous improvement of production quality procedures and admirable benefits to each other.



MISSION  
& VISION

### Vision

We Patronize Quantitative as well as qualitative services & aim at the best international industrial standards. We take pride in introducing ourselves as an efficient provider of Fasteners & Steel Fabrication.

### Mission

To become the benchmark Trading of Middle east providing world-class services to satisfied clients through continuous improvement driven by the integrity teamwork and creativity in Steel Fabrication and Fasteners.



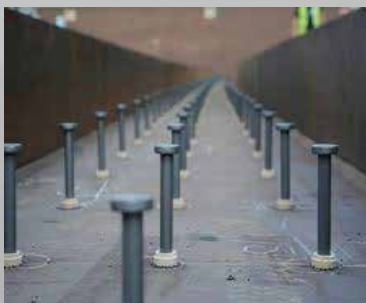
## OUR SERVICES

### FABRICATION OF :

- Steel Fabrication
- Storage Tanks
- Anchor Bolts
- Stud Bolts
- Embedded Plates
- Customized Steel Fabrication as per Client Requirement
- Pipe Supports

### SUPPLY OF :

- Shear Stud
- Nelson Stud
- Hex Bolts
- All Kind of Nuts and Washers





**RIMAH AL-SHARQIA TRADING** FOR STEEL FABRICATION & FASTENERS



**CAGE LADDER**  
Standard ASTM A 36

**DIESEL TANK**  
Standard ASTM A 36





**STORAGE TANK**  
Standard ASTM A 36

**STEEL TANK**  
Standard ASTM A 36





**RIMAH AL-SHARQIA TRADING** FOR STEEL FABRICATION & FASTENERS



## **FABRICATION**

Standard ASTM A 36

## **STEEL STRUCTURAL WORKS**

Standard ASTM A 36



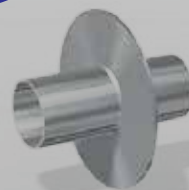


# Steel Design & Fabric



## PRODUCT LIST

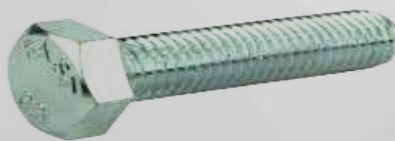
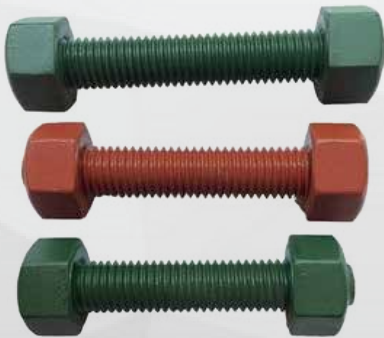
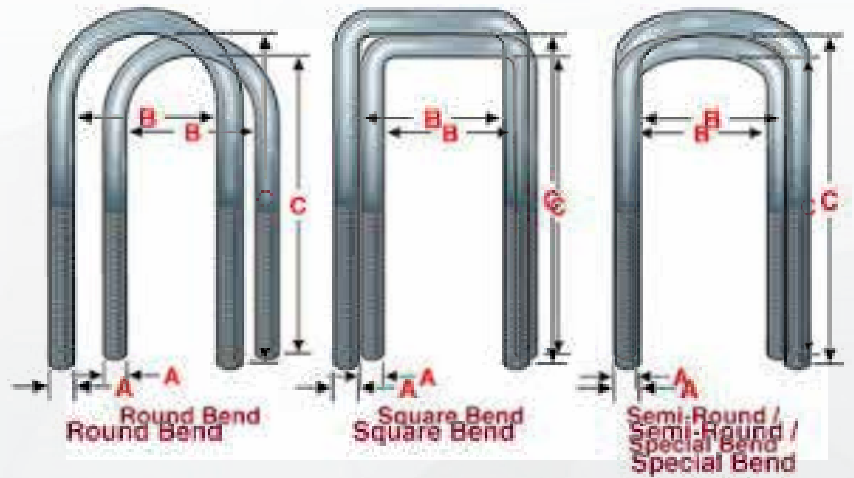
- ▶ Design and Fabrication of Diesel Tank (Primary & Secondary type)
- ▶ Storage Tanks
- ▶ Water Tanks
- ▶ Oil & diesel Tanks etc..
- ▶ Clamps
- ▶ Saddle
- ▶ Sleeves
- ▶ Supports
- ▶ Steel Molds & Form works





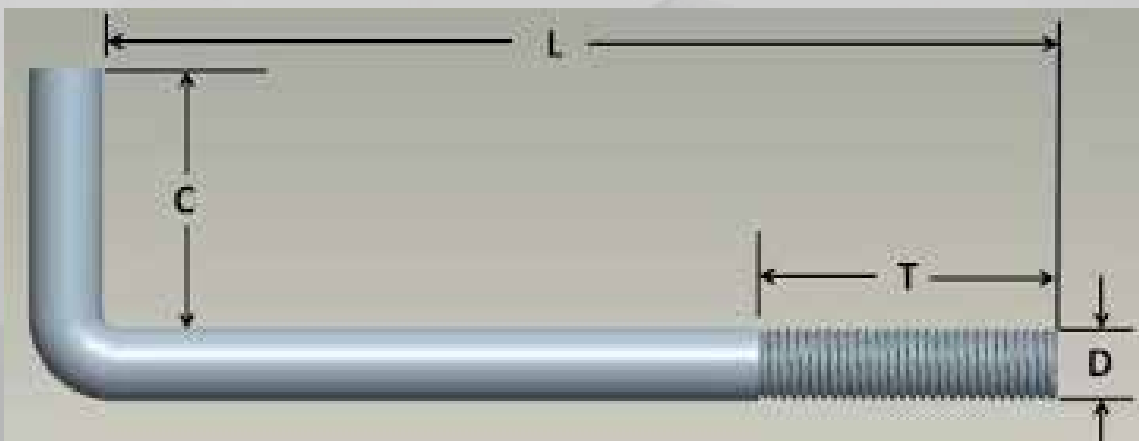
**RIMAH AL-SHARQIA TRADING** FOR STEEL FABRICATION & FASTENERS

## OUR PRODUCTS



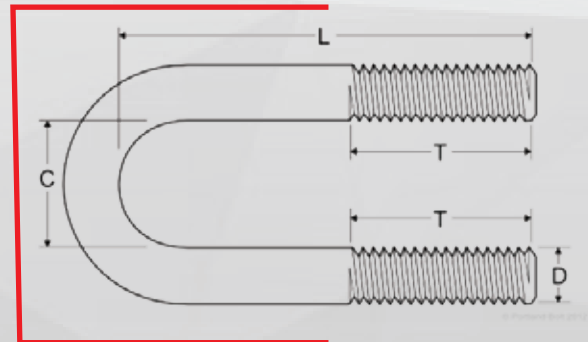
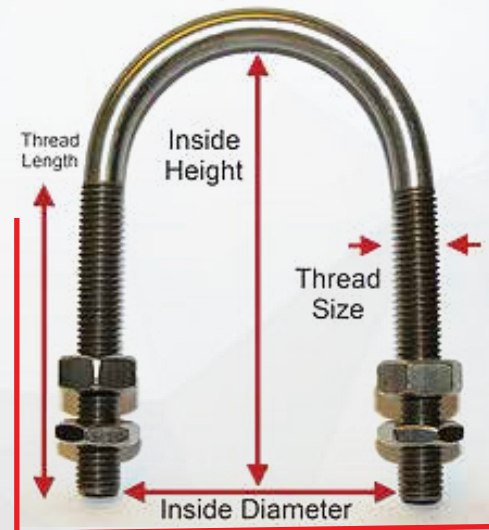
## FABRICATION OF ANCHOR BOLTS

Rimah Al Shrqia Factory has the ability to manufacture anchor bolts from 12 mm- 100 mm diameter. Anchor bolt assemblies are available in a number of ASTM specification including :F1554 Grade36, Grade 55, Grade 105, A449 and A 354 .Anchor plate, pipe sleeves, light fabrication and welding are all performed at out facility to provide fast delivery and highest quality. Rods are provided either plain steel or hot dip galvanized.





## FABRICATION of U BOLTS

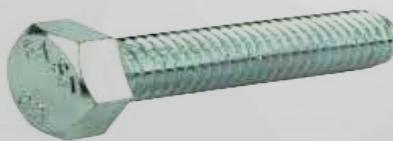
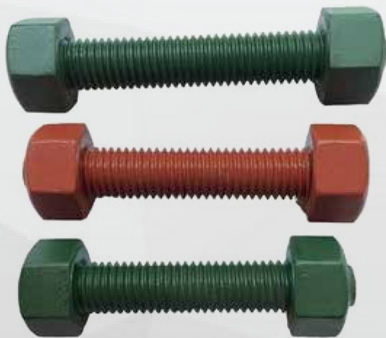
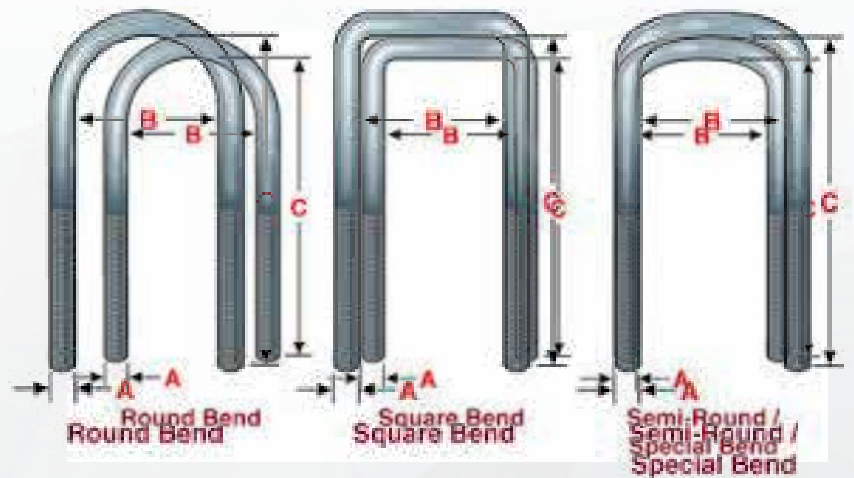


| Nominal<br>Pipe Dia.<br>(in) | Actual<br>O.D. (in.) | A (in) | D (in) | BOP to<br>TOS (in) | H (in)  | Load<br>Capacity<br>(lbs.) | Unit Wt.<br>(lbs.)* | BOP to<br>TOS (in) | H (in)  | Load<br>Capacity<br>(lbs.) | Unit<br>Wt.<br>(lbs.)* |
|------------------------------|----------------------|--------|--------|--------------------|---------|----------------------------|---------------------|--------------------|---------|----------------------------|------------------------|
| 2                            | 2.375                | 4      | 5      | 4                  | 5 3/16  | 6500                       | 11.13               | 6                  | 7 3/16  | 6500                       | 12.66                  |
| 2 1/2                        | 2.875                | 4      | 5 1/2  | 4                  | 5 7/16  | 6500                       | 11.63               | 6                  | 7 3/16  | 6500                       | 13.02                  |
| 3                            | 3.5                  | 4      | 6      | 4                  | 5 3/4   | 6500                       | 12.33               | 6                  | 7 3/4   | 6500                       | 13.38                  |
| 3 1/2                        | 4                    | 4      | 6 1/2  | 4                  | 6       | 6500                       | 13.53               | 6                  | 8       | 6500                       | 14.10                  |
| 4                            | 4.5                  | 4      | 7      | 4                  | 6 1/4   | 6500                       | 14.73               | 6                  | 8 1/4   | 6500                       | 14.82                  |
| 5                            | 5.5625               | 4      | 8 1/2  | 4                  | 6 25/32 | 7800                       | 15.33               | 6                  | 8 25/32 | 7800                       | 15.18                  |
| 6                            | 6.625                | 4      | 9 3/4  | 4                  | 7 5/16  | 7800                       | 22.53               | 6                  | 9 5/16  | 7800                       | 19.50                  |
| 8                            | 8.625                | 4      | 12     | 4                  | 8 5/16  | 7800                       | 24.73               | 6                  | 10 5/16 | 7800                       | 20.82                  |
| 10                           | 10.75                | 4      | 14 1/2 | 4                  | 9 3/8   | 10400                      | 40.73               | 6                  | 11 3/8  | 10400                      | 30.42                  |
| 12                           | 12.75                | 6.5    | 16 1/2 | 4                  | 10 3/8  | 10400                      | 52.28               | 6                  | 12 3/8  | 10400                      | 41.20                  |
| 14                           | 14                   | 6.5    | 18     | 4                  | 11      | 10400                      | 63.28               | 6                  | 13      | 10400                      | 47.80                  |
| 16                           | 16                   | 6.5    | 20     | 4                  | 12      | 10400                      | 67.78               | 6                  | 14      | 10400                      | 50.50                  |
| 18                           | 18                   | 6.5    | 22 1/4 | 4                  | 13      | 10400                      | 88.78               | 6                  | 15      | 10400                      | 63.10                  |
| 20                           | 20                   | 8      | 24 1/4 | 4                  | 14      | 10400                      | 103.23              | 6                  | 16      | 10400                      | 77.48                  |
| 24                           | 24                   | 8      | 28 1/4 | 4                  | 16      | 10400                      | 137.23              | 6                  | 18      | 10400                      | 97.88                  |



**RIMAH AL-SHARQIA TRADING** FOR STEEL FABRICATION & FASTENERS

## OUR PRODUCTS





## MANUFACTURING OF STUD BOLTS

### STAINLESS STEEL 316L BOLTS CHEMICAL PROPERTIES:

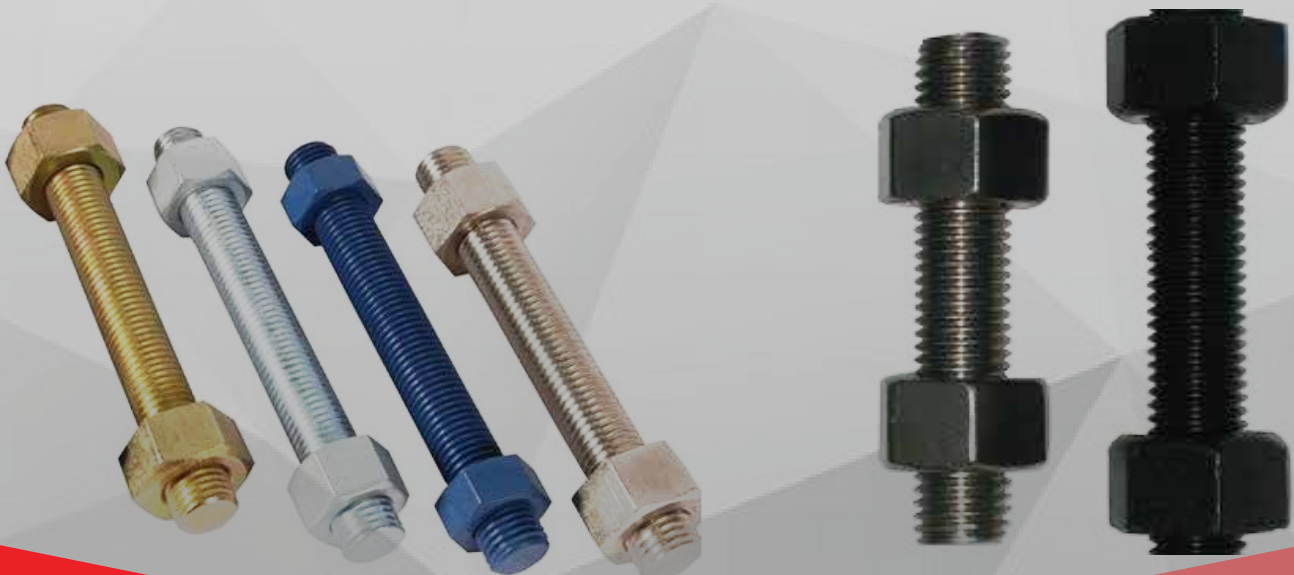
|                  | C           | Mn         | Si          | P            | S           | Cr                     | Mo                   | Ni                     | N           |
|------------------|-------------|------------|-------------|--------------|-------------|------------------------|----------------------|------------------------|-------------|
| 316<br>(S31600)  | 0.08<br>max | 2.0<br>max | 0.75<br>max | 0.045<br>max | 0.03<br>max | min: 16.0<br>max: 18.0 | min: 2.0<br>max: 3.0 | min: 10.0<br>max: 14.0 | 0.10<br>max |
| 316L<br>(S31603) | 0.03<br>max | 2.0<br>max | 0.75<br>max | 0.045<br>max | 0.03<br>max | min: 16.0<br>max: 18.0 | min: 2.0<br>max: 3.0 | min: 10.0<br>max: 14.0 | 0.10<br>max |

### STAINLESS STEEL 316L BOLTS MECHANICAL PROPERTIES:

| Grade            | Tensile Strength<br>ksi (min) | Yield Strength<br>0.2% ksi (min) | Elongation % | Hardness (Brinell) MAX | Hardness<br>(Rockwell B) MAX |
|------------------|-------------------------------|----------------------------------|--------------|------------------------|------------------------------|
| 316<br>(S31600)  | 75                            | 30                               | 40           | 217                    | 95                           |
| 316L<br>(S31603) | 70                            | 25                               | 40           | 217                    | 95                           |

### STAINLESS STEEL 316L BOLTS PHYSICAL PROPERTIES:

| Density<br>lb <sub>m</sub> /in <sup>3</sup> | Thermal Conductivity<br>(BTU/h ft. °F) | Electrical<br>Resistivity<br>(in x 10 <sup>-6</sup> ) | Modulus of<br>Elasticity<br>(psi x 10 <sup>6</sup> ) | Coefficient of<br>Thermal Expansion<br>(in/in)/°F x 10 <sup>-6</sup> | Specific Heat<br>(BTU/lb/°F) | Melting<br>Range (°F) |
|---------------------------------------------|----------------------------------------|-------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------|------------------------------|-----------------------|
| 0.29 at 68°F                                | 100.8 at 68 212°F                      | 29.1 at 68°F                                          | 29                                                   | 8.9 at 32 – 212°F                                                    | 0.108 at 68°F                | 2500 to 2550          |
|                                             |                                        |                                                       |                                                      | 9.7 at 32 – 1000°F                                                   | 0.116 at 200°F               |                       |
|                                             |                                        |                                                       |                                                      | 11.1 at 32 – 1500°F                                                  |                              |                       |





**RIMAH**

## **RIMAH AL-SHARQIA TRADING**

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