

Round Bars

We also stock Bar, Hexagon, Square, Round products in various dimensions and grades. We stock Stainless Steel, Carbon and Alloy specialty steels supplied in the as rolled, annealed and normalized conditions. We offer cut to size and heat treatment through our service center.

User Industries :

Chemicals, Fats, & Fertilizers, Sugar Mills & Distilleries, Cement Industries, Ship Builders, Paper Industries, Pumps, Petrochemicals, Oil & Natural Gas Organization in terms of the specific materials, Technology, Finance & Personal.

Stainless & Duplex Steel



Range: 3.17 MM TO 350 MM DIA

Stainless Steel :

ASTM / ASME SA 276 TP 304 , 304L , 309S , 309H, 310S , 316 , 316L , 316 TI , 317 , 321 , 347 , 410 , 420 , 430 ,431 , 440A ,B & C. , 446 ASTM / ASME SA 479 TP 304 , 304L , 304H, 309S , 309H, 310S , 310H , 316 , 316H , 316L , 316 TI , 317 , 321 , 321H , 347 , 347 H , 410, 430 ,431 & 444.

Duplex Steel :ASTM / ASME SA 276 UNS NO. S 31803 , S 32205 , S 32550 , S 32750 , S 32760.

Carbon & Alloy Steel



Range: 1 MM TO 350 MM DIA

Carbon Steel : ASTM / ASME A 105

Alloy Steel : ASTM / ASME A 182 GR F 5, F 9 , F 11 , F 12 , F 22 , F 91. ASTM / ASME A 729 GR B 11 & B 22.

Nickel & Copper Alloy



Range: 3.17 MM TO 350 MM DIA

Nickel Alloy

ASTM / ASME SB 160 UNS 2200 (NICKEL 200) / UNS 2201 (NICKEL 201)

ASTM / ASME SB 164 UNS 4400 (MONEL 400)

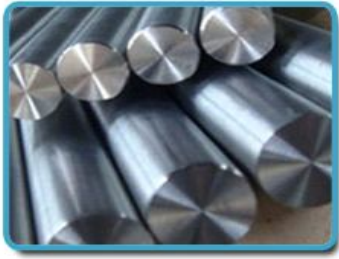
ASTM / ASME SB 425 UNS 8825 (INCONEL 825) ASTM / ASME SB 166 UNS 6600 (INCONEL 600) / UNS 6601 (INCONEL 601)

ASTM / ASME SB 446 UNS 6625 (INCONEL 625)

ASTM / ASME SB 574 UNS 10276 (HASTELLOY C 276)

ASTM / ASME SB 472 UNS 8020 (ALLOY 20 / 20 CB 3)

Hastelloy



Grades : Hastelloy C-22, Hastelloy C-276, Hastelloy C-2000

Type :

Hastelloy Round Bar

Hastelloy Bright Bar

Hastelloy Polish Bar

Hastelloy Black Round Bar

Hastelloy Forged Bar

Hastelloy Forged Round Bar

Hastelloy Hex Bar

Hastelloy Forged Hex Bar

Hastelloy Flat Bar

Hastelloy Rod

Monel

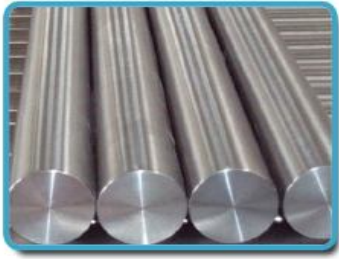


Grades : Monel 400, Monel k500

Range : 5 mm dia To 500 mm dia in 100 mm TO 6000 mm Length

Standard: ASTM / ASME SB 164

Inconel



Grades : Inconel 600, Inconel 601, Inconel 625, Inconel 625LCF, Inconel 686, Inconel 718, Inconel 800, Inconel 825, Inconel X-750

Sizes : 1mm to 200mm diameter

Type : Bars, Rods, wire

Standard : ASTM, ASME, API, AISI, BS, ANSI, DIN, JIS, MSSP, NACE

Incoloy



Grades : Incoloy 800, incoloy 825, Incoloy 925, Incoloy a-286, Incoloy DS

Standard : ASTM B408, AMS 5766, ISO 9723, ISO 9724, BS 3076NA15, BS 3075NA15, EN 10095, VdTÄ¼V 412 & 434

Type :

Round Bar

Bright Bar

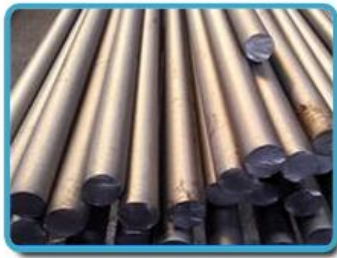
Polish Bar

Black Round Bar

Forged Bar

Forged Round Bar

Nitronic 60



Nitronic 60 Stainless Steel is an austenitic alloy, considered to have the best galling resistance of the entire range of Stainless Steels.

Characteristics of Nitronic 60 include

- High pitting resistance
- Outstanding corrosion resistance Good high temperature properties for temperatures around 982 degrees Centigrade
- Oxidation resistance
- Crevice corrosion and chloride pitting resistance is greater than Stainless Steel 316.

Nitronic 60 can be formed using common forming techniques, and pre-heating is not required to weld Nitronic 60. Common welding methods such as gas metal arc, gas tungsten arc and submerged arc can be used to weld Nitronic 60. Hardening Nitronic 60 Stainless Steel calls for the alloy to be cold worked.

Primary Elements:

- Between 16 and 18 percent Chromium
- 8 to 9 percent Nickel
- 7 to 9 percent Manganese
- 3.5 to 4.5 percent Silicon

Nironics 50

Features

Nitronic 50 Stainless Steel is an austenitic stainless steel with a blend of strength and corrosion resistance that is better than Stainless Steel 316, 316L, 317 and 317L. In fact, Nitronic 50 has about double the yield strength at room temperature compared to Stainless Steel 316/316L and 317/317L. Additionally, Nitronic 50 Stainless Steel has good mechanical properties at elevated and sub-zero s. temperatures. Another characteristic of Nitronic 50 is that it does not become magnetic even when severely cold worked - unlike many other austenitic stainless steels. Another advantage of using Nitronic 50 Stainless Steel is its outstanding corrosion resistance in harsh environments, especially in marine application As noted previously, Nitronic 50 is much stronger than Stainless Steel 316/316L and 317/317L; however, the same fabrication equipment and procedures used for the Stainless Steel 300 grades can be utilized for Nitronic 50. In addition, the same cooling techniques used for Stainless Steel 316/316L and 317/317L can be utilized for Nitronic 50.

Grades Available :

XM-19 (UNS S20910)

Nitronic 50 Annealed

XM-19HS

Industries Served :

- Oil and gas production
- Hydroelectric power
- Petrochemical
- Food processing
- Automotive
- Zarine
- Nharmaceutical
- Construction and chemical sector.

Titanium



Specifications : Titanium round bar

Grade: Gr1, Gr2, Gr3, Gr5, Gr7

Standard: ASTM B348, ASTM F136, ASTM F67, AMS 4928

Specification:

1. **Grade :** Gr1, Gr2, Gr4 ,Gr5,Ti-6AL4V ELI,Gr.7, Gr.9, Gr.12
2. **Standard :** ASTM B348, ASTM F136, ASTM F67, AMS 4928
3. **Size:** Diameter : 4mm to 350mm, Length: 50mm to 6000mm
4. **Payment :** T/T or L/C at sight
5. **MOQ :** 10 kg
6. **Package :** Ply wooden case or as request
7. **Delivery time :** 7- 30 days after confirmed
8. **Applications:** industry, glasses so on.

Tantalum



Specifications :

Material: Tantalum bar

Grade: RO5200, RO5400, RO5252(Ta-2.5W), RO5255(Ta-10W)

size: Dia3~120mm

Standard:ASTM B 365

Tantalum products/Tantalum bars

Material: Ta-1

Grade: RO5200, RO5400, RO5252(Ta-2.5W), RO5255(Ta-10W)

size: Dia3~120mm

Standard:ASTM B 365

Tantalum bar Tantalum- tungsten alloy bar

Material: RO5200, RO5400, RO5252(Ta-2.5W), RO5255(Ta-10W)

Available size: 3~120mm

Standard: As per ASTM B 365-98

Purity:

>=99.95% or 99.99% Tantalum rod Tantalum alloy rod

Tolerance :

Diameter	Diameter Tolerance				Length	Tolerance
	Forging rod	Extruded Rods	Rolling rod	Ground rod		
3.0-4.5	±0.05		±0.05		500-1500	+ 5
4.5-6.5	±0.10		±0.10		500-1500	+ 5
6.5-10.0	±0.15		±0.15		400-1500	+ 5
10-16	±0.20		±0.20		300-1200	+ 5
16-18	±1.0			±0.30	200-2000	+ 20
18-25	±1.5	±1.0		±0.40	200-2000	+ 20
25-40	±2.0	±1.5		±0.50	150-4000	+ 20
40-50	±2.5	±2.0		±0.60	100-3000	+ 20
50-65	±3.0	±2.0		±0.80	100-1500	+ 20