



Stainless Steel 440B Round bars supplier:

SS 440B is a high carbon martensitic stainless steel with good strength, excellent hardness, superior wear resistance, along with moderate corrosion resistance. Recognized as a leading AISI 440B Round bars supplier, manufacturer and exporter in India, our products get high accreditation for their consistent performance. As a leading SS 440B round bars exporter, we can supply a wide range of bars with no minimum order quantity. This grade is preferred over SS 440C when corrosion resistance requirement is higher. Main applications are Ball bearings, Surgical implants, Gage blocks, Moulds, Dies, Cutlery, valve components, knives and measuring instruments.

European Specification Grade 1.4112 stainless steel round bars can be manufactured on special order.

Size range: 5 mm to 100 mm

Chemical composition of AISI 440B / UNS 4003 / SUS 440B

| | Min | Max |
|----|-------|-------|
| C | 0.750 | 0.950 |
| Si | | 1.00 |
| Mn | | 1.00 |
| Cr | 16.00 | 18.00 |
| Mo | | 0.75 |
| P | | 0.04 |
| S | | 0.03 |

Chemical composition of 1.4112 - X90CrMoV18 - X 90 CrMoV 18

| | Min | Max |
|----|-------|-------|
| C | 0.850 | 0.950 |
| Si | | 1.00 |
| Mn | | 1.00 |
| Cr | 17.00 | 19.00 |
| Mo | 0.90 | 1.30 |
| P | | 0.04 |
| S | | 0.03 |
| V | 0.07 | 0.12 |

