

Products & Sizes

Bar

0.270" - 0.900"

MP35N® Chemical Composition

	Element	Min	Max
C	Carbon	-	0.02
Mn	Manganese	-	0.15
P	Phosphorus	-	0.015
S	Sulfur	-	0.010
Si	Silicon	-	0.015
Cr	Chromium	19.00	21.00
Ni	Nickel	33.00	37.00
Mo	Molybdenum	9.00	10.50
Co	Cobalt	-	Balance
Ti	Titanium	-	1.00
B	Boron	-	0.010
Fe	Iron	-	1.00

Industry Standards

- SPS-M-663
- GE Aircraft Engine (GT193)
- GE Aviation S-SPEC-35 AeDMS S-400
- RR SABRe Edition 2
- DFARS Compliant

Industry Applications

- Aerospace fasteners
- Tie rods
- Chemical processing
- Medical devices
- Dental equipment
- Cryogenic equipment
- Marine equipment
- Oil Gas
- Food processing

Physical Properties

Property	Value
Density	0.304 lb/in ³

Mechanical Properties