



Stainless Steel 420C Round bars supplier :

As a superior quality 420C Round bars supplier and exporter, our products are in great demand due to its excellent performances at customers' factories. Working under strict quality control parameters, we deliver only precisely engineered product that is defect-free and manufactured as per the latest industry norms.

420C (EN 1.4034) round bars have sufficient chromium and carbon to obtain excellent corrosion resistivity and ductility. It is capable of achieving high hardness. 420C material has an increasing amount of carbon compared to 420A and 420B.

420B (EN 1.4028) round bars is a general-purpose, free-machining variant of heat treatable 420 chromium stainless steel. 420B obtains the best corrosion resistance in hardened and slightly tempered condition. Polished and non-corrosive surface is necessary to reach the highest resistance of this chromium steel grade. 420B is known as SUS 420J2 as per Japanese specification.

420 (EN 1.4021) round bars are mainly used as pump shafts and motor shafts. 420 is grade SUS 420J1 as per Japanese specification.

Size range : 2 mm to 300 mm

Heat treatment : Annealed, QT 800, QT 900

Supply condition: Hot rolled, Hot rolled + Heat treated, Cold Drawn, Machined

420 Chemical composition :

Grade	Range	C	Mn	Si	P	S	Cr	Ni	Other
1.4021	Min	0.16					12.00		
X20Cr13	Max	0.25	1.50	1.00	0.040	0.030	14.00		
1.4028	Min	0.26					12.00		
X30Cr13	Max	0.35	1.50	1.00	0.040	0.030	14.00		
1.4031	Min	0.36					12.50		
X39Cr13	Max	0.42	1.00	1.00	0.040	0.030	14.50		
1.4034	Min	0.43					12.50		
X46Cr13	Max	0.53	1.00	1.00	0.040	0.030	14.50		
AISI 420	Min	0.150					12.00		
UNS4200	Max		1.00	1.00	0.040	0.030	14.00		
SUS420J1	Min	0.16					12.00		
	Max	0.25	1.00	1.00	0.040	0.030	14.00		
SUS420J2	Min	0.26					12.00		
	Max	0.40	1.00	1.00	0.040	0.030	14.00		