

### ASTM A320 B8



#### INTERNATIONAL EQUIVALENT CODES

Europe
EN 10269
X5CrNi18-10

Italy
UNI

Germany	
DIN	W.n.
	1.4301

UK
B.S.
304S15

USA	
ASTM	UNS
A320 B8	S30400

#### CHEMICAL REQUIREMENTS (Composition , percent)

Max C	Mn max	Max Phosph	Max Sulfur	Si max	Cr	Nickel	Mo	Copper	Niobium	Titanium	Vanadium	Max Al	Max Cobalt	Max Iron
0.08	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	--	--	--	--	--	--	--	--

#### MECHANICAL REQUIREMENTS

Tens.strength, min, ksi	Yield Strength, min, 0,2%offset ksi	Elongation 4D, min	Reduction of Area,min,%	Hardness max
75	30	30	50	223 HBW or 96 HRB

Tens.strength, min,Mpa	Yield Strength, min, 0,2%offset MpA	Elongation 4D, min	Reduction of Area,min,%	Hardness max
515	205	30	50	223 HBW or 96 HRB

