


<b>Quality</b>	430								
<b>According to Standard</b>	ASTM A 276 - 06								
<b>Number</b>	-								
									
<b>Comparable Standards</b>	EN	W.N.	BS						
	X6Cr17	1.4016	430S15						
<b>Chemical Analysis</b>	C %	Mn %	Si %	P%	Cr %	Ni %	Mo %	S%	Other Elements
	0.12	1.00	1.00	0.040 max.	16.0 to 18.0	—	—	0.030 max.	—
<b>Hot Work and Heat Treatment</b>									
	Type <sup>A</sup>	Heat Treatment Temperature <sup>B</sup> °F (°C), min	Quench ant	Hardnes s HRC, min					
	—	—	—	—					
<b>Mechanical Properties at Room Temperature</b>									
Finish	Condition	Diameter or Thickness in. (mm)	Tensile Strength, min ksi      Mpa		Yield Strength, <sup>A</sup> ksi      Mpa		Elongation in 2 in. (50 mm) <sup>B</sup> or 4D      min%	Reduction of Area, min, %	Brinell Hardness, max
		over 1 1/2 (38.10) to 1 3/4 (44.45)	125	860	100	690	18	45	-
Hot Finished or Cold Finished	A	all	60	415	30	207	20	45	-