


Quality	430								
According to Standard	ASTM A 276 - 06								
Number	-								
									
Comparable Standards	EN	W.N.	BS						
	X6Cr17	1.4016	430S15						
Chemical Analysis	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.	—
Hot Work and Heat Treatment									
	Type ^A	Heat Treatment Temperature ^B °F (°C), min	Quench ant	Hardnes s HRC, min					
	—	—	—	—					
Mechanical Properties at Room Temperature									
Finish	Condition	Diameter or Thickness in. (mm)	Tensile Strength, min ksi Mpa		Yield Strength, ^A ksi Mpa		Elongation in 2 in. (50 mm) ^B 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	-