

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		Yield Strength, ^A		Elongation in 2 in. (50 mm) ^B or 4D min%	Reduction of Area, min, %	Brinell Hardness, max
			ksi	Mpa	ksi	Mpa			
		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	-