

Quality	X6Cr17
According to Standard	EN 10088-3:2005 (E)
Number	1.4016



Comparable Standards

EN	W.N.	AISI
X6Cr17	1.4016	430

Chemical Analysis

C % max	Si % max	Mn % max	P% max	S%
0,08	1,00	1,00	0,040	≤ 0,030 ^b
Cr %	N max	Mo %	Ti	Ni %
16,0 to 18,0	—	—	—	—

Hot Work and Heat Treatment Temperatures

Heat Treatment Symbol	Hot Forming		Annealing	
	Temperature °C	Type of cooling	Temperature °C	Type of cooling
+A	1100 to 800	air	750 to 850	air

Mechanical Properties at Room Temperature

Heat Treatment Condition	Ø mm. 100	Hardness HB ^c max 200	Rp0,2 ^d min. N/mm2 240	Rm ^d N/mm2 400 to 630	A % min. (long.) 20
	Resistance to				
	in the delivery condition yes	in the welded condition no			