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

ALOK INGOTS
steel re engineered
AN ISO 9001:2008 CERTIFIED COMPANY

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

Mechanical Properties at Room Temperature

Heat Treatment Condition	Ø mm.	Hardness HB[c] max	Rp0,2[d] min. N/mm2	Rm[d] N/mm2	A % min. (long.)
	100	200	240	400 to 630	20

Resistance to	
in the delivery condition	in the welded condition
yes	no