

Quality	416
According to Standard	ASTM A 582/A 582M - 06
Number	-



Comparable Standards	EN	W.N.	BS
	X12CrS13	1.4005	416S21

Chemical Analysis	C %	Mn %	Si %	P%	Cr %	Ni %
	0.15	1.25	1.00	0.06	12.0 to 14.0	-
	Mo %	S%				
	-	0.15 min				

Hot Work and Heat Treatment

Type	Condition A (Annealed)	Condition T (Intermediate Temper)	Condition H (Hard Temper)
416	A	T	H

Mechanical Properties at Room Temperature

Types	Condition	Hardness^A (HB)
303	A	262 max
	T	248 to 302
	H	293 to 352