

CHEMICAL PROPERTIES OF BOLTS

A2-70 (SS304) & A4-80 (SS316)

Steel Grade	Chemical Composition (Mass Fraction, %)								
	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
A1	0.12	1	6.5	0.2	0.15-0.35	16-19	0.7	5-10	1.75-2.25
A2	0.10	1	2	0.05	0.03	15-20	-	8-19	4
A3	0.08	1	2	0.045	0.03	17-19	-	9-12	1
A4	0.08	1	2	0.045	0.03	16-18.5	2-3	10-15	4
A5	0.08	1	2	0.045	0.03	16-18.5	2-3	10.5-14	1