

304 vs 316 Stainless Steel: Chemical Composition

Grade	C	Mn	Si	P	S	Ni	Cr	Mo	N
304 Stainless Steel	0.08% Max	2% Max	1% Max	0.045% Max	0.03% Max	8% – 10.5%	18% – 20%	–	0.1% Max
316 Stainless Steel	0.08% Max	2% Max	1% Max	0.045% Max	0.03% Max	10% – 14%	16% – 18%	2% – 3%	0.1% Max

