

# Chemical Composition of Stainless Steel Wire

Grade	CHEMICAL COMPOSITION											
	C%	Cr%	Ni%	Mo%	Mn%	Si%	P%	S%	N%	Cu%	Other	Amount
AISI 347	0.08	17.0-19.0	9.0-13.0	----	2.00	1.00	0.045	0.03	----	----	Cb+Ta	10*C
AISI 410	0.15	11.5-13.5	----	----	1.00	1.00	0.04	0.03	----	----	----	----
AISI 420	0.15 min	12.0-14.0	----	----	1.00	1.00	0.04	0.03	----	----	----	----
AISI 420	0.15-0.30	13.5-15.0	0.3-0.85	0.4-0.85	1.00	1.00	0.04	0.03	----	----	----	----
AISI 430	0.12	16.0-18.0	---	----	1.00	1.00	0.04	0.03	----	----	----	----
430L	0.03	16.0-18.0	---	----	1.00	1.00	0.04	0.03	----	----	----	----
201	0.15	17.50	4.00	----	9.00	1.00	0.10	0.03	0.25	2.00	----	----
AISI 201	0.15	16.0-18.0	3.50-5.50	----	5.50-7.50	1.00	0.06	0.03	0.25	0.50	----	----
AISI 202	0.15	17.0-19.0	4.0-6.0	----	7.5-10.5	1.0	0.06	0.03	0.25	0.50	---	---
204Cu	0.15	15.5-17.5	1.5-3.5	--	6.5-9.0	1.0	0.06	0.03	0.25	2.0		
AISI 301	0.15	16.0-18.0	6.0-8.0	---	2.0	1.0	0.045	0.03	0.10	---	---	---
AISI 302	0.15	17.0-19.0	8.0-10.0	---	2.0	1.0	0.045	0.03	0.10	---	---	---
AISI-304	0.08	18.0-20.0	8.0-10.0	----	2.00	1.00	0.045	0.03	----	----	----	----
AISI-304L	0.03	18.0-20.0	8.0-10.0	----	2.00	1.00	0.045	0.03	----	----	----	----
AISI 434	0.12	16.0-18.0	----	0.75-1.25	1.00	1.00	0.04	0.03	----	----	----	----
AISI 304L	0.030	18.0-20.0	8.0-12.0	----	2.00	1.00	0.045	0.03	----	----	----	----
AISI 304HC	0.08	18.0-20.0	8.0-12.0	--	2.0	1.0	0.045	0.03	--	2.0-3.0	---	---
AISI 305	0.12	7.0-9.0	10.5-13.5	---	2.0	1.0	0.045	0.03	---	---	--	--
AISI 302HQ	0.03	17.0-19.0	8.0-10.0	--	2.0	1.0	0.045	0.03	--	---	---	---
AISI 316L	0.030	16.0-18.0	10.0-14.0	2.0-3.0	2.00	1.00	0.045	0.03	----	----	----	----