

Austenitic Stainless Steels Chemical Analysis % (Max. unless noted otherwise)									
Type	C	Mn	P	S	Si	Cr	Ni	Mo	Other
201	0.15	5.50 / 7.50	0.060	0.030	1.00	16.00 / 18.00	3.50 / 5.50		0.25N
202	0.15	7.50 / 10.00	0.060	0.030	1.00	17.00 / 19.00	4.00 / 6.00		0.25N
205	0.12 / 0.25	14.00 / 15.00	0.030	0.030	0.50	16.50 / 18.00	1.00 / 1.75		0.32 / 0.40N
301	0.15	2.00	0.045	0.030	1.00	16.00 / 18.00	6.00 / 8.00		
302	0.15	2.00	0.045	0.030	1.00	17.00 / 19.00	8.00 / 10.00		
302B	0.15	2.00	0.045	0.030	2.00 / 3.00	17.00 / 19.00	8.00 / 10.00		
303	0.15	2.00	0.20	0.15(min)	1.00	17.00 / 19.00	8.00 / 10.00	0.60*	
303Se	0.15	2.00	0.20	0.060	1.00	17.00 / 19.00	8.00 / 10.00		0.15Se(min)
304	0.08	2.00	0.045	0.030	1.00	18.00 / 20.00	8.00 / 10.50		
304L	0.030	2.00	0.045	0.030	1.00	18.00 / 20.00	8.00 / 12.00		
S30430	0.08	2.00	0.045	0.030	1.00	17.00 / 19.00	8.00 / 10.00		3.00 / 4.00Cu
304N	0.08	2.00	0.045	0.030	1.00	18.00 / 20.00	8.00 / 10.50		0.10 / 0.16N
305	0.12	2.00	0.045	0.030	1.00	17.00 / 19.00	10.50 / 13.00		
308	0.08	2.00	0.045	0.030	1.00	19.00 / 21.00	10.00 / 12.00		
309	0.20	2.00	0.045	0.030	1.00	22.00 / 24.00	12.00 / 15.00		
309S	0.08	2.00	0.045	0.030	1.00	22.00 / 24.00	12.00 / 15.00		
310	0.25	2.00	0.045	0.030	1.50	24.00 / 26.00	19.00 / 22.00		
310S	0.08	2.00	0.045	0.030	1.50	24.00 / 26.00	19.00 / 22.00		
314	0.25	2.00	0.045	0.030	1.50 / 3.00	23.00 / 26.00	19.00 / 22.00		
316	0.08	2.00	0.045	0.030	1.00	16.00 / 18.00	10.00 / 14.00	2.00 / 3.00	
316F	0.08	2.00	0.20	0.10(min)	1.00	16.00 / 18.00	10.00 / 14.00	1.75 / 2.50	
316L	0.030	2.00	0.045	0.030	1.00	16.00 / 18.00	10.00 / 14.00	2.00 / 3.00	
316N	0.08	2.00	0.045	0.030	1.00	16.00 / 18.00	10.00 / 14.00	2.00 / 3.00	0.10 / 0.16N
317	0.08	2.00	0.045	0.030	1.00	18.00 / 20.00	11.00 / 15.00	3.00 / 4.00	
317L	0.030	2.00	0.045	0.030	1.00	18.00 / 20.00	11.00 / 15.00	3.00 / 4.00	
317LMN	0.030	2.00	0.045	0.030	0.75	17.00 / 20.00	13.50 / 17.50	4.00 / 5.00	0.10 / 0.20N
321	0.08	2.00	0.045	0.030	1.00	17.00 / 19.00	9.00 / 12.00		5xC Ti(min)
330	0.08	2.00	0.040	0.030	0.75 / 1.50	17.00 / 20.00	34.00 / 37.00		0.10Ta, 0.20Cb
347	0.08	2.00	0.045	0.030	1.00	17.00 / 19.00	9.00 / 13.00		10xC, Cb(min)
348	0.08	2.00	0.045	0.030	1.00	17.00 / 19.00	9.00 / 13.00		Cb + Ta 10xC(min) ta 0.10 (max) Co 0.20 (max)
384	0.08	2.00	0.045	0.030	1.00	15.00 / 17.00	17.00 / 19.00		

*May be added at manufacturer's option

Nominal Mechanical Properties (Annealed Sheet unless noted otherwise)							
Type	Tensile Strength		Yield Strength (0.2% offset)		Elongation in 2" (50.80 mm)%	Hardness (Rockwell)	Product Form
	ksi	MPa	ksi	MPa			
201	95	655	45	310	40	B90	
202	90	612	45	310	40	B90	
205	120.5	831	69	476	58	B98	(Plate)
301	110	758	40	276	60	B85	
302	90	612	40	276	50	B85	
302B	90	612	40	276	50	B85	
303	90	621	35	241	50		(Bar)
303Se	90	621	35	241	50		(Bar)
304	84	579	42	290	55	B80	
304L	81	558	39	269	55	B79	
S30430	73	503	31	214	70	B70	(Wire)
304N	90	621	48	331	50	B85	
305	85	586	38	262	50	B80	
308	115	793	80	552	40		(Wire)
309	90	621	45	310	45	B85	
309S	90	621	45	310	45	B85	
310	95	655	45	310	45	B85	
310S	95	655	45	310	45	B85	
314	100	689	50	345	40	B85	
316	84	579	42	290	50	B79	
316F	85	586	38	262	60	B85	
316L	81	558	42	290	50	B79	
316N	90	621	48	331	48	B85	
317	90	621	40	276	45	B85	
317L	86	593	38	262	55	B85	
317LMN	96	662	54	373	49	B88	
321	90	621	35	241	45	B80	
330	80	552	38	262	40	B80	
347	95	655	40	276	45	B85	
348	95	655	40	276	45	B85	
384	75	517	35	241	55	B70	(Wire)