

## Chemical Compositions

GRADE	UNS No.	EN No.	C	Cr	NI	Mo	Others
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### Austenitic & Super Austenitic Stainless Steel

304	S30400	1.4301	0.08	18.00 - 20.00	8.00 - 12.00	-	-
304 L	S30403	1.4307	0.035	18.00 - 20.00	8.00 - 12.00	-	-
310 S	S31008	1.4845	0.08	24.00 - 26.00	19.00 - 22.00	-	-
316	S31600	1.4401	0.08	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 L	S31603	1.4404	0.035	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 H	S31609	-	0.04 - 0.10	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	-
316 Ti	S31635	1.4571	0.08	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00	Ti:5x(C+N) - 0.7
317 L	S31703	1.4438	0.035	18.00 - 20.00	11.00 - 15.00	3.00 - 4.00	-
321	S32100	1.4541	0.08	17.00 - 19.00	9.00 - 12.00	-	Ti:5x(C+N) - 0.7
347	S34700	1.4550	0.08	16.00 - 18.00	10.00 - 14.00	-	-
347 H	S34709	1.4551	0.04 - 0.10	17.00 - 20.00	9.00 - 13.00	-	-
904 L	S8904	1.4539	0.02	19.00 - 23.00	23.00 - 28.00	4.00 - 5.00	N:0.30 max Cu: 1.0 - 2.0

### Ferritic Stainless Steel

405	S40500	-	0.08	11.50 - 14.50	0.5	-	-
409	S40900	-	0.08	10.50 - 11.70	0.5	-	-
410	S41000	-	0.15	11.50 - 13.50	-	-	-

### Duplex & Super Duplex Stainless Steel

Alloy 2205	31803	1.4462	0.03	21.00 - 23.00	4.50 - 6.50	2.50 - 3.50	N : 0.08 - 0.20
Alloy 2507	32750	1.4410	0.03	24.00 - 26.00	6.00 - 8.00	3.00 - 4.50	N: 0.24 - 0.32
Alloy 32760	32760	1.4501	0.05	24.00 - 26.00	6.00 - 8.00	3.00 - 4.00	N:0.20 - 0.30

### Nickel Alloys

Alloy 20	8020	2.4460	0.07	19.00 - 21.00	32.00 - 38.00	2.00 - 3.00	Cu : 3.00 - 4.00
Alloy 28	8028	1.4563	0.03	26.00 - 28.00	30.00 - 34.00	3.00 - 4.00	Cu : 0.60 - 1.40
Monel 400	4400	2.4360	0.30	-	63.00 Min	-	Cu: 28.00 - 34.00
Inconel 600	6600	2.4816	0.15	14.00 - 17.00	72.00 Min	-	Fe: 6.00 - 10.00
Inconel 625	6625	2.4865	0.10	20.00 - 23.00	58.00 Min	8.00 10.00	Fe: 5.00 Max Nb: 1.15 - 4.15
Inconel 800	8800	-	0.10	19.00 - 23.00	30.00 - 35.00	-	Fe: 39.50 Max
Inconel 825	8825	2.4858	0.05	19.50 - 23.50	38.00 - 46.00	2.50 - 3.50	Fe: 22.00 Min
Hastalloy C-276	N 10276	-	0.01	14.50 - 16.50	-	15.00 - 17.00	Fe: 5.00 Max Nb: 1.15 - 4.15

<b>ASTM</b>	American Society for Testing of Materials	<b>ASME</b>	American Society for Mechanical Engineers	<b>SAE</b>	Society of Automotive Engineers
<b>DIN</b>	Deutsches Institute for Normung	<b>JIS</b>	Japan Industrial Standards	<b>UNS</b>	Unified Numbering System
<b>GOST</b>	Gasudarstvenil Standart	<b>TEMA</b>	Tubular Exchanger Manufacturers Association	<b>PED</b>	Pressure Equipment Directive

