

Stainless Steel Grade Designation	Equivalent Specification		% Chemical Composition									
	IS-6911	AISI	C Max	Si Max	Mn Max	Cr	Ni	Mo	Cu	P Max	S Max	Other Elements
JS-201	-	-	0.08	0.75	7.0-8	15.5-16.5	4.25-4.75	-	-	-	-	Mn
201 J1	-	-	0.09	0.5	10.0-11	13.5-14.5	1-1.5	-	0.80-1.0	0.05	0.01	-
201 J3	-	-	0.15	0.5	9.0-10	14-15	1-1.5	-	0.6	0.05	0.01	-
JT	-	-	0.12	0.1	10.0-11	14-15	0.15-0.50	-	0.5	0.1	0.1	-
JSLU-SD	-	-	0.15	0.01	10.0-11	14-15	0.5	0.06	1.125	0.1	0.1	-
JSLU-DD	-	-	0.1-0.2	1	10.0-11	16-17	0.50-1	-	2.1-2.3	0.1	0.1	-
J4/LN1	-	-	0.12	0.5	9.0-10	15-16	1-1.25	-	1.5-2	0.1	0.1	-
204Cu	-	-	0.1	0.5	8.0-9	16-17	1.5-2	-	2-2.5	0.1	0.1	-
SS301	10 Cr 17 Ni 7	301	0.15	1.00	2.00	16.00/18.00	6.00/8.00	-	-	0.045	0.030	-
SS303	-	-	0.1	-	-	17	8	-	-	-	-	S
SS304	04 Cr 18 Ni 10	304	0.08	0.75	2.00	18.00/20.00	8.00/10.50	-	-	0.045	0.030	-
SS304L	02 Cr 18 Ni 11	304L	0.03	0.75	2.00	18.00/20.00	8.00/12.00	-	-	0.045	0.030	-
SS309	-	309	0.20	0.75	2.00	22.00/24.00	12.00/15.00	-	-	0.045	0.030	-
SS309S	-	309S	0.08	0.75	2.00	22.00/24.00	12.00/15.00	-	-	0.045	0.030	-
SS310	-	310	0.25	1.50	2.00	24.00/26.00	19.00/22.00	-	-	0.045	0.030	-
SS310S	-	310S	0.08	1.50	2.00	24.00/26.00	19.00/22.00	-	-	0.045	0.030	-
SS316	04 Cr 17 Ni 12 Mo 2	316	0.08	0.75	2.00	16.00/18.00	10.00/14.00	2.0-3	-	0.045	0.030	Mo 2.00/3.00
SS316L	02 Cr 17 Ni 12 Mo 2	316L	0.03	0.75	2.00	16.00/18.00	10.00/14.00	2.0-3	-	0.045	0.030	Mo 2.00/3.00
SS316Ti	-	-	0.08	-	2	16.5	10.5	-	-	-	-	Ti
SS317	-	317	0.08	0.75	2.00	18.00/20.00	11.00/15.00	3.0-4	-	0.045	0.030	Mo 3.00/4.00
SS317L	-	317L	0.03	0.75	2.00	18.00/20.00	11.00/15.00	3.0-4	-	0.045	0.030	Mo 3.00/4.00
SS904L	-	-	0.02	0.04	2	19-23	23-28	4.0-5	-	-	-	1.2Cu
SS321	04 Cr 18 Ni 10 Ti 2	321	0.08	0.75	2.00	17.00/19.00	9.00/12.00	-	-	0.045	0.030	Ti= 5X(C+N) Max Min = 0.70
SS347	-	347	0.08	0.75	2.00	17.00/19.00	9.00/12.00	-	-	0.045	0.030	(Cb+Ta)= 10 X %C Min 1.00 Max
SS409	-	409	0.08	1.00	1.00	10.50/11.75	0.50 Max	-	-	0.045	0.030	Ti 6 X %C Min 0.75 Max
409M	-	-	0.03	1	2	11.0-12	0.3-0.5	-	-	0.1	0.1	Ti0.001-0.003
409L	-	-	0.03	1	1	11.0-12	0.1-0.2	-	-	0.1	0.1	NO.005-0.01
SS410	12 Cr 13	410	0.15	1.00	1.00	11.50/13.50	0.75 Max	-	-	0.040	0.030	-
SS410S	-	410S	0.08	1.00	1.00	11.50/13.50	-	-	-	0.040	0.030	-
SS420	20 Cr 13 30 Cr 13 40 Cr 13	420	**	1.00	1.00	12.00/14.00	-	-	-	0.040	0.030	-
SS430	05 Cr 17	430	0.12	1.00	1.00	16.00/18.00	0.75 Max	-	-	0.040	0.030	-
SS434	-	434	0.12	1.00	1.00	16.00/18.00	-	-	-	0.040	0.030	Mo 0.75/1.25
SS439	-	-	0.05	-	-	16	-	-	-	-	-	Ti
SS441	-	-	0.03	-	-	17.5	-	-	-	-	-	TiNb

**C - over 0.15%