

Grade	Chemical Composition (%)												
AISI	C	Mn	Si	S	P	Cr	Ni	Mo	N	Cu	Ti	Cb	TYPE
W.Nr													Austenitic Grades
201	0.040/.10	8.4/8.8	.40/.60	0.02	0.075	14.3/14.6	.70/80	0.5	.14/.16	1.60/1.75			Austenitic Grades
301	0.150	2.00	1.00	0.030	0.045	16.0/18.0	6.0/8.0						Austenitic Grades
1.4310	0.120	2.00	1.50	0.015	0.045	16.0/18.0	6.0/9.0	0.8					Austenitic Grades
302	0.150	2.00	1.00	0.030	0.045	17.0/19.0	8.0/10.0		0.10				Austenitic Grades
1.4319	0.050	2.00	1.00	0.015	0.045	16.0/18.0	7.0/8.0						Austenitic Grades
302Cu	0.080	2.00	1.00	0.030	0.045	17.0/19.0	8.0/10.0			3.0/4.0			Austenitic Grades
1.4567	0.040	2.00	1.00	0.030	0.045	17.0/19.0	8.5/10.5			3.0/4.0			Austenitic Grades
303	0.150	2.00	1.00	0.150	0.200	17.0/19.0	8.0/10.0						Austenitic Grades
1.4305	0.120	2.00	1.00	.15/.35	0.045	17.0/19.0	8.0/10.0						Austenitic Grades
304	0.080	2.00	1.00	0.030	0.045	18.0/20.0	8.0/11.0		0.10				Austenitic Grades
1.4301	0.070	2.00	1.00	0.030	0.045	17.0/19.0	8.0/10.5		0.110				Austenitic Grades
304H	0.040/.10	2.00	0.75	0.030	0.045	18.0/20.0	8.0/10.5		0.10				Austenitic Grades
1.4948	.04/.08	2.00	0.75	0.015	0.035	17.0/19.0	10.0/12.0						Austenitic Grades
304M	.030/.050	2.00	1.00	0.030	0.045	18.0/20.0	8.0/12.0		0.10				Austenitic Grades
304L	0.030	2.00	1.00	0.030	0.045	18.0/20.0	8.0/12.0		0.10				Austenitic Grades
1.4307	0.030	2.00	1.00	0.030	0.045	17.5/19.5	8.0/10.0		0.110				Austenitic Grades
304N	0.080	2.00	0.75	0.030	0.045	18.0/20.0	8.0/10.5		.10/.16				Austenitic Grades
304LN	0.030	2.00	0.75	0.030	0.045	18.0/20.0	8.0/12.0		.10/.16				Austenitic Grades
1.4311	0.030	2.00	1.00	0.030	0.045	17.0/19.0	8.5/11.5		.12/.22				Austenitic Grades
304S	0.080	2.00	0.75	0.015	0.045	18.0/20.0	8.0/11.0		0.10				Austenitic Grades
304LS	0.030	2.00	0.75	0.010	0.045	18.0/20.0	8.0/12.0		0.10				Austenitic Grades
304Cu	0.030	2.00	1.00	0.010	0.045	17.0/19.0	8.0/10.0			3.0/4.0			Austenitic Grades
308LER	0.030	1.0/2.5	.30/.65	0.030	0.030	19.5/22.0	9.0/11.0	0.75		0.75			Austenitic Grades
309	0.200	2.00	1.00	0.030	0.045	22.0/24.0	12.0/15.0						Austenitic Grades
1.4828	0.200	2.00	1.5/2.5	0.030	0.045	19.0/21.0	11.0/13.0						Austenitic Grades
309S	0.080	2.00	1.00	0.030	0.045	22.0/24.0	12.0/15.0						Austenitic Grades
1.4833	0.150	2.00	0.750	0.015	0.035	22.0/24.0	12.0/14.0						Austenitic Grades
310	0.250	2.00	1.50	0.030	0.045	24.0/26.0	19.0/22.0						Austenitic Grades
1.4841	0.200	2.00	1.5/2.5	0.030	0.045	24.0/26.0	19.0/22.0						Austenitic Grades
310S	0.080	2.00	1.50	0.030	0.045	24.0/26.0	19.0/22.0						Austenitic Grades
1.4845	0.150	2.00	0.75	0.015	0.045	24.0/26.0	19.0/22.0						Austenitic Grades
316	0.080	2.00	1.00	0.030	0.045	16.0/18.0	10.0/14.0	2.0/3.0					Austenitic Grades
1.4401	0.070	2.00	1.00	0.030	0.045	16.5/18.5	10.0/13.0	2.0/2.5	0.11				Austenitic Grades
316L	0.030	2.00	1.00	0.030	0.045	16.0/18.0	10.0/14.0	2.0/3.0					Austenitic Grades
1.4404	0.030	2.00	1.00	0.030	0.045	16.5/18.5	10.0/13.0	2.0/2.5	0.11				Austenitic Grades
316LER	0.030	1.0/2.5	.30/.65	0.030	0.030	18.0/20.0	11.0/14.0	2.0/3.0		0.75			Austenitic Grades
316LN	0.030	2.00	1.00	0.030	0.045	16.0/18.0	10.0/14.0	2.0/3.0	.10/.16				Austenitic Grades
1.4406	0.030	2.00	1.00	0.030	0.045	16.5/18.5	10.0/12.0	2.0/2.5	.12/.22				Austenitic Grades
316LS	0.030	2.00	1.00	0.010	0.045	16.0/18.0	10.0/14.0	2.0/3.0					Austenitic Grades
316Ti	0.080	2.00	1.00	0.030	0.045	16.0/18.0	10.0/14.0	2.0/3.0	0.10	5(C+N%)/0.70			Austenitic Grades

1.4571	0.080	2.00	1.00	0.030	0.045	16.5/18.5	10.5/13.5	2.0/2.5			5(C%)/0.70	Austenitic Grades
317	0.080	2.00	1.00	0.030	0.045	18.0/20.0	11.0/15.0	3.0/4.0	0.10			Austenitic Grades
317L	0.030	2.00	1.00	0.030	0.045	18.0/20.0	11.0/15.0	3.0/4.0	0.10			Austenitic Grades
1.4438	0.030	2.00	1.00	0.030	0.045	17.5/19.5	13.0/16.0	3.0/4.0	0.110			Austenitic Grades
321	0.080	2.00	1.00	0.030	0.045	17.0/19.0	9.0/12.0		0.100		5(C+N%)/0.70	Austenitic Grades
1.4541	0.080	2.00	1.00	0.030	0.045	17.0/19.0	9.0/12.0				5(C%)/0.70	Austenitic Grades
321H	.040/.10	2.00	1.00	0.030	0.045	17.0/19.0	9.0/12.0		0.100		4(C+N%)/0.70	Austenitic Grades
347	0.080	2.00	1.00	0.030	0.045	17.0/19.0	9.0/13.0				10(C%)/1.0	Austenitic Grades
1.4550	0.080	2.00	1.00	0.015	0.045	17.0/19.0	9.0/12.0				10(C%)/1.0	Austenitic Grades
347H	.040/.10	2.00	1.00	0.030	0.045	17.0/19.0	9.0/13.0				8(C%)/1.0	Austenitic Grades
410	.08/.15	1.00	1.00	0.030	0.040	11.5/13.5						Martensitic Grades
1.4006	.08/.15	1.50	1.00	0.030	0.040	11.5/13.5	0.75					Martensitic Grades
416	0.150	1.25	1.00	>0.15	0.060	12.0/14.0						Martensitic Grades
1.4005	.08/.15	1.50	1.00	.15/.35	0.040	12.0/14.0		0.60				Martensitic Grades
420	>0.15	1.00	1.00	0.030	0.040	12.0/14.0						Martensitic Grades
1.4021	.16/.25	1.50	1.00	0.030	0.040	12.0/14.0						Martensitic Grades
420F	.30/.40	1.25	1.00	>0.15	0.060	12.0/14.0	0.50			0.60		Martensitic Grades
1.4028	.26/.35	1.5	1.00	0.030	0.040	12.0/14.0						Martensitic Grades
430	0.120	1.00	1.00	0.030	0.040	16.0/18.0						Ferritic grades
1.4016	0.08	1.00	1.00	0.030	0.040	16.0/18.0						Ferritic grades
430L	0.030	1.00	1.00	0.030	0.040	16.0/18.0						Ferritic grades
430F	0.120	1.25	1.00	>0.15	0.060	16.0/18.0						Ferritic grades
1.4104	.10/.17	1.50	1.00	.15/.35	0.040	15.5/17.5		.20/.60				Martensitic Grades
431	0.200	1.00	1.00	0.030	0.040	15.0/17.0	1.25/2.50					Martensitic Grades
1.4057	.12/.22	1.50	1.00	0.03	0.040	15.0/17.0	1.5/2.5					Martensitic Grades
F51	0.030	2.00	1.00	0.020	0.030	21.0/23.0	4.5/6.5	2.5/3.5	.08/.20			DUPLEX STEE;
630	0.070	1.00	1.00	0.030	0.040	15.0/17.5	3.0/5.0			3.0/5.0	.15/.45	DUPLEX STEE;
1.4542	0.070	1.50	0.70	0.030	0.040	15.0/17.0	3.0/5.0	0.60		3.0/5.0	5(C%)/.45	DUPLEX STEE;
EN-1A	.07/.15	.80/1.20	0.10	.20/.30	0.070							BS-970
1214												SAE
EN-1AL	.07/.15	.80/1.20	0.10	.20/.30	0.070						PB:.15/.35	BS-970
12L14	0.150	.85/1.20	.04/.09	.25/.35	0.100	-	-	-	-	-	PB:.15/.33	SAE
1045(EN8D)	.43/.50	.60/.90	-	0.050	0.040							SAE
EN8D	.40/.45	.7/.9	.05/.35	0.060	0.060							BS-970
1040(EN8)	.37/.44	.60/.90	-	0.050	0.040							SAE
CK45	.42/.50	.50/.80	0.40	0.050	0.045							-
EN8M	.35/.45	1.0/1.3	0.25	.12/.20	0.060							BS-970
1140	.37/.44	.70/1.0	-	.08/.13	0.040							SAE
EN9	.50/.60	.50/.80	.05/.35	0.060	0.060							BS-970
EN15	.30/.40	1.3/1.7	.10/.35	0.050	0.050							BS-970
EN15AM	.30/.40	1.3/1.7	0.25	.12/.20	0.060							BS-970
EN19	.35/.45	.50/.80	.10/.35	0.050	0.050	.90/1.50		.20/.40				BS-970
4140	.38/.43	.75/1.0	.20/.35	0.035	0.035	.80/1.10		.15/.25				SAE
4340(EN 24)	.38/.43	.60/.80	.15/.35	0.035	0.040	.70/.90	1.65/2.00	.20/.30				SAE
EN 24	.35/.45	.45/.70	.15/.35	0.050	0.050	.90/1.40	1.30/1.80	.20/.35				BS-970

