

300 austenitic Series

EN 10088-2 2005		Former BS Standard	American		European Designations chemical composition (% weight)									
Number	Name	BS 1554 1990 nearest fit	AISI nearest fit	ASTM UNS nearest fit	C (max)	Si (max)	Mn (max)	P (max)	S (max)	N	Cr	Ni	Mo	Others
1.4310	X10 Cr Ni 18-8	302S26	302	S 30100	0.05 – 0.15	2	2	0.045	0.015	0.11	16.00 – 19.00	6.00 – 9.50		
1.4310	X10 Cr Ni 18-8	301	310		0.15	2	2	0.045	0.045		16.00 – 18.00	6.00 – 8.00		
1.4307	X2 Cr Ni 18-9	304S11	304L	S 30403	0.03	1	2	0.045	0.015	0.11	17.50 – 19.50	8.00 – 10.50		
1.4301	X5 Cr Ni 18-10	304S31	304	S 30400	0.07	1	2	0.045	0.015	0.11	17.50 – 19.50	8.00 – 10.50		
1.4404	X2 Cr Ni Mo 17-12-2	316S14	316L	S 31603	0.03	1	2	0.045	0.015	0.11	16.50 – 18.50	10.00 – 13.00	2.00 – 2.50	
1.4401	X5 Cr Ni Mo 17-12-2	316S42	316	S 31600	0.07	1	2	0.045	0.015	0.11	16.50 – 18.50	10.00 – 13.00	2.00 – 2.50	
1.4541	X6 Cr Ni Ti 18-10	321S31	321	S 32100	0.08	1	2	0.045	0.015	n/a	17.00 – 19.00	9.00 – 12.00		Ti = 5 x C to 0.70