



Stainless steel production

Cold-heading, cold-extrusion & forming

Grade		Indicative chemical analysis											
		W.Nr.	C	Mn	Si	S	P	Cr	Ni	Cu	Mo	N	Co
304	X5CrNi18-10	1.4301	-	-	-	-	-	17.50	8.00	-	-	-	-
		1.4307	0.07	2.00	1.00	0.015	0.045	19.50	10.50	-	-	0.09	-
304L	X2CrNi19-11	1.4306	-	-	-	-	-	18.00	10.00	-	-	-	-
			0.03	2.00	1.00	0.015	0.045	20.00	10.00	-	-	0.09	-
304Cu	X3CrNiCu18-9-4	1.4567	-	-	-	-	-	17.00	8.50	3.00	-	-	-
			0.03	2.00	1.00	0.015	0.045	19.00	10.50	4.00	-	0.07	-
316	X5CrNiMo17-12-2	1.4401	-	-	-	-	-	16.5	10.00	-	2.00	-	-
			0.07	2.00	1.00	0.015	0.045	18.50	13.00	-	2.50	0.09	-
316L	X2CrNiMo17-12-2	1.4404	-	-	-	-	-	16.50	10.00	-	2.00	-	-
			0.03	2.00	1.00	0.015	0.040	18.50	13.00	-	2.50	0.09	-
316Cu	X3CrNiCuMo17-11-3-2	1.4578	-	-	-	-	-	16.50	10.00	3.00	2.00	-	-
			0.04	2.00	1.00	0.015	0.045	17.50	11.00	3.50	2.50	0.09	-
430	X6Cr13	1.4016	-	-	-	-	-	16.00	-	-	-	-	-
			0.08	1.00	1.00	0.015	0.040	18.00	-	-	-	-	-

Improved machinability and spring

Grade		Indicative chemical analysis											
		W.Nr.	C	Mn	Si	S	P	Cr	Ni	Cu	Mo	N	Co
303	X8CrNiS18-9	1.4305	-	-	-	0.15	-	17.00	8.00	-	-	-	-
			0.10	2.00	1.00	0.35	0.045	19.00	10.00	1.00	-	0.09	-
316Ti	X6CrNiMoTi17-12-2	1.4571	-	-	-	-	-	16.50	10.50	-	2.00	-	-
			0.08	2.00	1.00	0.015	0.045	18.50	13.50	-	2.50	-	Ti 5 x C-0,70
321	X6CrNiTi18-10	1.4541	-	-	-	-	-	17.00	9.00	-	-	-	-
			0.08	2.00	1.00	0.015	0.045	19.00	12.00	-	-	-	Ti 5 x C-0,70
430F	X14CrMoS17	1.4104	0.10	-	-	0.15	-	15.50	-	-	0.20	-	-
			0.17	1.50	1.00	0.35	0.040	17.50	-	-	0.60	-	-
302	X10CrNi18-8	1.4310	0.05	-	-	-	-	16.00	6.00	-	-	-	-
			0.15	2.00	2.00	0.015	0.045	19.00	9.50	-	0.80	0.09	0.60

Heat resistant

Grade		Indicative chemical analysis											
		W.Nr.	C	Mn	Si	S	P	Cr	Ni	Cu	Mo	N	Co
309	X15CrNiSi20-12	1.4828	-	-	1.50	-	-	19.00	11.00	-	-	-	-
			0.20	2.00	2.50	0.015	0.045	21.00	13.00	-	-	0.09	-
310	X8CrNi25-21	1.4845	-	-	-	-	-	24.00	19.00	-	-	-	-
			0.10	2.00	1.50	0.015	0.045	26.00	22.00	-	-	0.09	-
314	X15CrNiSi25-21	1.4841	-	-	1.50	-	-	24.00	19.00	-	-	-	-
			0.20	2.00	2.50	0.015	0.045	26.00	22.00	-	-	0.09	-

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