Vergleichbare Qualitäten

rost-, säure- und hitzebeständiger Stähle (Auszug)

Comparable qualities

of stainless steels (excerpt)

Körting
HANNOVER AG

THE
EJECTOR
COMPANY

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Comparable qualities of stainless steels (excerpt)

Europe		Typical Chemical Composition, %							USA	Japan	Russia	China		
EN	Code No.	C max.	Cr	Ni	Mo	Si max.	Mn max.	Miscellaneous	AISI/ASTM/UNS	JIS	GOST	GB	ICS	UNS
1.4021	X20Cr13	0,25	12,0-14,0	—	—	1,0	1,5	—	420	SUS420J1	20X13	20Cr13	S42020	S42000
1.4301	X5CrNi18-10	0,07	17,5-19,5	8,0-10,5	—	1,0	2,0	N: ≤0,11	304	SUS304	08X18H10	06Cr19Ni10	S30408	S30400
1.4305	X8CrNiS18-9	0,10	17,0-19,0	8,0-10,0	—	1,0	2,0	—	303	SUS303	—	Y12Cr18Ni9	S30317	S30300
1.4306	X2CrNi19-11	0,03	18,0-20,0	10,0-12,0	—	1,0	2,0	N: ≤0,11	304L	SUS304L	03X18H11	022Cr19Ni10	S30403	S30403
1.4307	X2CrNi18-9	0,03	17,5-19,5	8,0-10,5	—	1,0	2,0	N: ≤0,11	304L	SUS304L	—	—	—	—
1.4311	X2CrNiN18-10	0,03	17,5-19,5	8,5-11,5	—	1,0	2,0	N:0,12-0,22	304LN	SUS304LN	03X18AH11	022Cr19Ni10N	S30453	S30453
1.4401	X5CrNiMo17-12-2	0,07	16,5-18,5	10,0-13,0	2,0-2,5	1,0	2,0	—	316	SUS316	—	06Cr17Ni12Mo2	S31608	S31600 S31609
1.4404	X2CrNiMo17-12-2	0,03	16,5-18,5	10,0-13,0	2,0-2,5	1,0	2,0	N: ≤0,11	316L	SUS316L	03X17H13M2	022Cr17Ni12Mo2	S31603	—
1.4408	GX5CrNiMo19-11-2	0,07	18,0-20,0	9,0-12,0	2,0-2,5	1,5	1,5	—	CF8M	SCS14	—	ZG07Cr19Ni11Mo	—	J92900
1.4429	X2CrNiMoN17-13-3	0,03	16,5-18,5	11,0-14,0	2,5-3,0	1,0	2,0	N: 0,12-0,22	316LN	SUS316LN	03X17H13AM3	022Cr17Ni12Mo2N	S31653	S31653
1.4435	X2CrNiMo18-14-3	0,03	17,0-19,0	12,5-15,0	2,5-3,0	1,0	2,0	N: ≤0,11	316L	SUS316L	03X17H14M2	022Cr17Ni12Mo2	S31603	—
1.4436	X3CrNiMo17-13-3	0,05	16,5-18,5	10,5-13,0	2,5-3,0	1,0	2,0	N: ≤0,11	316	SUS316	08X17H13M2	07Cr17Ni12Mo2	S31609	S31600
1.4439	X2CrNiMoN17-13-5	0,03	16,5-18,5	12,5-14,5	4,0-5,0	1,0	2,0	N: 0,11-0,22	317LMN	—	—	022Cr19Ni16Mo5N	S31723	S31726
1.4462	X2CrNiMoN22-5-3	0,03	21,0-23,0	4,5-6,5	2,5-3,5	1,0	2,0	N: 0,12-0,22	S31803	SUS329J3L	—	022Cr22Ni5Mo3N	S22253	S31803
1.4465	X1CrNiMoN25-25-2	0,02	24,0-26,0	22,0-25,0	2,0-2,5	0,7	2,0	N: 0,08-0,16	310MoLN	—	—	—	—	S31050
1.4529	X1NiCrMoCuN25-20-7	0,02	19,0-21,0	24,0-26,0	6,0-7,0	0,5	1,0	N: 0,15-0,25	926	—	—	—	—	N08926
1.4539	X1NiCrMoCu25-20-5	0,02	19,0-21,0	24,0-26,0	4,0-5,0	0,7	2,0	N: <0,15 Cu:1,2-2,0	904L	—	—	015Cr21Ni26Mo5Cu2	S31782	N08904
1.4541	X6CrNiTi18-10	0,08	17,0-19,0	9,0-12,0	—	1,0	2,0	Ti: 5xC max. 0,7	321	SUS321	08X18H12T	06Cr18Ni11Ti	S32168	S32100
1.4550	X6CrNiNb18-10	0,08	17,0-19,0	9,0-12,0	—	1,0	2,0	Nb: 10xC max. 1,0	347	SUS347	08X18H12Б	06Cr18Ni11Nb	S34778	S34700
1.4571	X6CrNiMoTi17-12-2	0,08	16,5-18,5	10,5-13,5	2,0-2,5	1,0	2,0	Ti: 5xC max. 0,7	316Ti	SUS316Ti	08X17H13M2T	06Cr17Ni12Mo3Ti	S31668	S31635
1.4581	GX5CrNiMoNb19-11-2	0,07	18,0-20,0	9,0-12,0	2,0-2,5	1,5	1,5	Nb: 8xC max. 1,0	—	SCS22	—	—	S35167	—
1.4828	X15CrNiSi20-12	0,2	19,0-21,0	11,0-13,0	—	2,5	2,0	N: ≤0,11	309	SUH309	20X20H14C2	16Cr20Ni14Si2	S38240	S30900
1.4841	X15CrNiSi25-20	0,2	24,0-26,0	19,0-22,0	—	2,5	2,0	N: ≤0,11	310 / 314	SUH310	20X25H20C2	(16Cr25Ni20Si2)	(S38340)	—

Bitte beachten Sie, dass sich die Normalanalysen nicht in allen Fällen decken. Ggf. müssen die entsprechenden nationalen Normen herangezogen werden.
Please pay attention to the fact that the standard analyses do not always coincide exactly. Possibly the corresponding national standards must be referred to.

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