NOVA TRADING

GLOBAL SUPPLY CHAIN SOLUTIONS
IN STAINLESS STEEL AND ALUMINIUM

STEEL	GRADES	AVAILABLE EX STOCK	EUROPEAN STANDARD - EN 10088	CORRESPONDANCES				CHEMICAL COMPOSITION									
				PN POLAND	AISI USA	GOST ROSSIA	DIN GERMANY	c	Si	Mn	P	S	N	Cr	Mo	Ni	OTHERS
STAINLESS GRADES	FERRITIC		1.4000	Oh13	403/410S	08Ch13	X6Cr13	≤0.080	≤1.0	≤1.0	≤0.040	≤0.015		12.00-14.00			
		●	1.4003				X2CrNi12	≤0.030	≤1.0	≤1.5	≤0.040	≤0.015	≤0.03	10.50-12.50		0.30-1.00	
		●	1.4512		409		X2CrTi12	≤0.030	≤1.0	≤1.0	≤0.040	≤0.015		10.50-12.50			Ti:[6x(C+N)]÷0.65
		●	1.4016	H17	430	12Ch17	X6Cr17	≤0.080	≤1.0	≤1.0	≤0.040	≤0.015		16.00-18.00			
			1.4510	OH17T	430Ti/439	08Ch17T	X3CrTi17/X6CrTi17	≤0.050	≤1.0	≤1.0	≤0.040	≤0.015		16.00-18.00			Ti:[4x(C+N)+0.15]÷0.80
			1.4521		444		X2CrMoTi18-2	≤0.025	≤1.0	≤1.0	≤0.040	≤0.015	≤0.03	17.00-20.00	1.80-2.50		Ti:[4x(C+N)+0.15]÷0.80
		●	1.4509		441		X2CrTiNb18	≤0.030	≤1.0	≤1.0	≤0.040	≤0.015		17.50-18.50			Nb:(3xC+0.30)÷1.00 Ti:0.10-0.60
	MARTENSITIC		1.4006	1H13	410	12Ch13/15Ch13L	X12Cr13/X10Cr13	0.08-0.15	≤1.0	≤1.5	≤0.040	≤0.015		11.50-13.50		≤0.75	
			1.4021	2H13	420	20Ch13	X20Cr13	0.16-0.25	≤1.0	≤1.5	≤0.040	≤0.015		12.00-14.00			
			1.4028	3H13	420	30CH13	X30Cr13	0.26-0.35	≤1.0	≤1.5	≤0.040	≤0.015		12.00-14.00			
			1.4031	4H13		40Ch13	X39Cr13/X38Cr13	0.36-0.42	≤1.0	≤1.0	≤0.040	≤0.015		12.50-14.50			
			1.4034	4H13		40Ch13	X46Cr13	0.43-0.50	≤1.0	≤1.0	≤0.040	≤0.015		12.50-14.50			
			1.4057	4H17N/2 2H17N2	431	20Ch17N2	X17CrNi16-2	0.12-0.22	≤1.0	≤1.5	≤0.040	≤0.015		15.00-17.00		1.50-2.50	
			1.4122	3H17M			X35CrMo17	0.33-0.45	≤1.0	≤1.5	≤0.040	≤0.015		15.50-17.50	0.80-1.30	≤1.0	
	AUSTENITIC		1.4372		201		X12CrMnNiN17-7-5	≤0.15	≤1.0	5.50-7.50	≤0.045	≤0.015	0.05-0.25	16.00-18.00		3.50-5.50	
		●	1.4301	0H18N9	304	08Ch18N10	X5CrNi18-10	≤0.07	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	17.5-19.5		8.0-10.5	
			1.4305		303		X8CrNiS18-9	≤0.1	≤1.0	≤2.0	≤0.045	≤0.15-0.35	≤0.11	17.0-19.0		8.0-10.0	Cu≤1.0
			1.4306	00H18N10	304L	03Ch18N11	X2CrNi19-11	≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	18.0-20.0		10.0-12.0	
		●	1.4307		(304L)			≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	17.5-19.5		8.0-10.5	
			1.4310	1H18N9	301		X10CrNi18-8	0.05-015	≤2.0	≤2.0	≤0.045	≤0.015	≤0.11	16.0-19.0	≤0.80	6.0-9.5	
			1.4401	0H17N12M2	316		X5CrNiMo17-12-2	≤0.07	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	16.5-18.5	2.0-2.5	10.0-13.0	
		●	1.4404	00H17N14M2	316L		X2CrNiMo17-12-2	≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	16.5-18.5	2.0-2.5	10.0-13.0	
			1.4435		316L	03Ch17N14M3	X2CrNiMo18-14-3	≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	17.0-19.0	2.5-3.0	12.5-15.0	
			1.4436		316		X3CrNiMo17-13-3	≤0.05	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	16.5-18.5	2.5-3.0	10.5-13.0	
			1.4438		317L		X2CrNiMo18-15-4	≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	≤0.11	17.5-19.5	3.0-4.0	13.0-16.0	
			1.4439		(317LN)		X2CrNiMoN17-13-5	≤0.03	≤1.0	≤2.0	≤0.045	≤0.015	0.12-0.22	16.5-18.5	4.0-5.0	12.5-14.5	
			1.4529		UNS N08925		X1NiCrMoCuN25-20-7	≤0.02	≤0.5	≤1.0	≤0.030	≤0.010	0.15-0.25	19.0-21.0	6.0-7.0	24.0-26.0	Cu 0.5-1.5
			1.4539	0H22N24M4TCu	UNS N08904		X1NiCrMoCu25-20-5	≤0.02	≤0.7	≤2.0	≤0.030	≤0.010	≤0.15	19.0-21.0	4.0-5.0	24.0-26.0	Cu 1.2-2.0
		●	1.4541	0H18N10T 1H18N9T/1H18N10T	321	06Ch18N10T 08Ch18N10T 09Ch18N10T 12Ch18N10T	X6CrNiTi18-10	≤0.08	≤1.0	≤2.0	≤0.045	≤0.015		17.0-19.0		9.0-12.0	Ti(5xc÷0.7)
			1.4547		UNS S31254			≤0.02	≤0.7	≤1.0	≤0.030	≤0.010	0.18-0.25	19.5-20.5	6.0-7.0	17.5-18.5	Cu 0.5-1.0
			1.4550	0H18N12Nb	347/348	03Ch17N14M3	X6CrNiNb18-10	≤0.08	≤1.0	≤2.0	≤0.045	≤0.015		17.0-.19.0		9.0-12.0	Nb(10xC÷1.0)
		●	1.4571	H17N13M2T H18N10MT	316 Ti	10Ch17N13M2T	X6CrNiMoTi17-12-2	≤0.08	≤1.0	≤2.0	≤0.045	≤0.015		16.5-18.5	2.0-2.5	10.5-13.5	Ti(5XC÷0.7)
	DUPLEX		1.4362		UNS S32304			≤0.03	≤1.0	≤2.0	≤0.035	≤0.015	0.05-0.20	22.0-24.0	0.1-0.6	3.5-5.5	Cu 0.1-0.6
			1.4410					≤0.03	≤1.0	≤2.0	≤0.035	≤0.015	0.24-0.35	24.0-26.0	3.0-4.5	6.0-8.0	
			1.4460		329		X3CrNiMoN27-5-2	≤0.05	≤1.0	≤2.0	≤0.035	≤0.015	0.05-0.20	25.0-28.0	1.3-2.0	4.5-6.5	
			1.4462		UNS S31803		X2CrNiMoN22-5-3	≤0.03	≤1.0	≤2.0	≤0.035	≤0.015	0.10-0.22	21.0-23.0	2.5-3.5	4.5-6.5	
HEAT-RESISTANT	FERRITIC		1.4724	H13JS		10Ch13SJu	X10CrAlSi13	≤0.12	0.7-1.4	≤1.0	≤0.040	≤0.015		12.0-14.0			Al 0.7-1.2
			1.4742	H18JS		15Ch18SJu	X10CrAlSi18	≤0.12	0.7-1.4	≤1.0	≤0.040	≤0.015		17.0-19.0			Al 0.7-1.2
			1.4762	H24JS	(446)		X10CrAlSi25	≤0.12	0.7-1.4	≤1.0	≤0.040	≤0.015		23.0-26.0			Al 1.2-1.7
	AUSTENITIC		1.4828	H20N12S2	309	20Ch20N14S2	X15CrNiSi20-12	≤0.20	1.5-2.5	≤2.0	≤0.045	≤0.015	≤0.11	19.0-21.0		11.0-13.0	
			1.4841	H25N20S2	314/310	20Ch25N20S2	X15CrNiSi25-21	≤0.20	1.5-2.5	≤2.0	≤0.045	≤0.015	≤0.11	24.0-26.0		19.0-22.0	
			1.4845	(H23N18)	310S	20Ch23N18	X8CrNi25-21	≤0.10	≤1.5	≤2.0	≤0.045	≤0.015	≤0.11	24.0-26.0		19.0-22.0	
			1.4876		B 163		X10NiCrAlTi32-21	≤0.12	≤1.0	≤2.0	≤0.030	≤0.015		19.0-23.0		30.0-34.0	Ti 0.15-0.60 Ai 0.15 -0.60
			1.4878		321		X10CrNiTi18-10	≤0.10	≤1.0	≤2.0	≤0.045	≤0.015		17.0-19.0		9.0-12.0	Ti(5xC÷0.18)