

Technical information

Material table

F23



Material main group	Material sub-group	Quality	StNr	DIN	AFNOR	UNI	BS	JIS	SS	GOST	UNS	USA	
4 Stainless steel, heat-resistant alloys	4.1 Stainless steel	4.1.3 austenitic A5 < 40%	1.4438	X 2 CrNiMo 18 16 4	Z 2 CND 19.15	X 2 CrNiMo 18 15	317 S 12	SUS 317 L	2367		S 31703	317 L	
			1.4460	X 8 CrNiMo 27 5	Z 5 CND 27.05 Az			SUS 329 J 1	2324		S 32900	329	
			1.4462	X 2 CrNiMoN 22 5	Z 2 CND 22 5 Az							S 31803	
			1.4539	X 2 NiCrMoCu 25 20 5	Z 1 CNDU 25 20							N 08904	
			1.4541	X 6 CrNiTi 18 10	Z 6 CNT 18.10	X 6 CrNiTi 18 11	321 S 12	SUS 321	2337	12Ch18N10T	S 32100	321	
			1.4542	X 5 CrNiCuNb 17 14	Z 5 CNU 17.4				SCS 24; SUS 630			S 17400	630
			1.4546	X 5 CrNiNb 18 10		X 6 CrNiNb 18 11	347 S 18					S 34800	348
			1.4550	X 6 CrNiNb 18 10	Z 6 CNNb 18.10	X 6 CrNiNb 18 11	347 S 17	SUS 347	2338	08Ch18N12B	S 34700	347	
			1.4571	X 6 CrNiMoTi 17 12 2	Z 6 CNT 17.12	X 6 CrNiMoTi 17 12	320 S 31		2350	10Ch17N13M2T	S 31635	316 Ti	
			1.4580	X 6 CrNiMoNb 17 12 2	Z 6 CNDNb 17.12	X 6 CrNiMoNb 17 12	318 S 17			08Ch16N13M2B	S 31640	316 Cb	
		4.1.4 austenitic A5 > 40%	1.4301	X 5 CrNi 18 9	Z 6 CN 18.09	X 5 CrNi 18 10	304 S 15	SUS 304	2332; 2333	08Ch18N10	S 30400	304; 304 H	
			1.4303	X 5 CrNi 18 12	Z 8 CN 18.12	X 8 CrNi 19 10	305 S 19	SUS 305		06Ch18N11	S 30500	308; 305	
			1.4306	X 2 CrNi 19 11	Z 2 CN 18.10	X 2 CrNi 18 11	304 S 12	SCS 19	2352; 2333	03Ch18N11	S 30403	304 L	
			1.4310	X 12 CrNi 17 7	Z 12 CN 17.07	X 12 CrNi 17 07	301 S 21	SUS 301			S 30100	301	
			1.4573	X 10 CrNiMoTi 18 12		X 6 CrNiMoTi 17 13	320 S 33			10Ch17N13M3T	S 31635	316 Ti	
			1.4583	X 10 CrNiMoNb 18 12		X 6 CrNiMoNb 17 13						318	
			4.1.5 martensitic	1.4005	X 12 CrS 13	Z 12 CF 13	X 12 CrS 13	416 S 21	SUS 416	2380		S 41600	416
				1.4104	X 12 CrMoS 17	Z 10 CF 17	X 10 CrS 17		SUS 430 F	2383		S 43020	430 F
		4.1.6 austenitic A5 > 40%	1.4305	X 10 CrNiS 18 9	Z 10 CNF 18.09	X 10 CrNi 18 09	303 S 21	SUS 303	2346		S 30300	303	
			1.4178	X 45 CrSi 9 3	Z 45 CS 9	X 45 CrSi 8	401 S 45	SUH 1		40Ch9S2	S 65007	HNV 3	
	4.2 Heat-resistant alloys	4.2.1 Fe alloys	1.4724	X 10 CrAl 13	Z 10 C 13	X 10 CrAl 12	403 S 17				10Ch13SJ		
			1.4742	X 10 CrAl 18	Z 10 CAS 18	X 8 Cr 17	430 S 15	SUS 430; SUH21				430	
			1.4747	X 80 CrNiSi 20	Z 80 CSN 20.02	X 80 CrSiNi 20	443 S 65	SUH 4			S 65006	HNV 6	
			1.4762	X 10 CrAl 24	Z 10 CAS 24	X 16 Cr 26					S 44600	446	
			1.4828	X 15 CrNiSi 20 12	Z 15 CNS 20.12		309 S 24	SUH 309		20Ch20N14S2	S 30900	309	
			1.4841	X 15 CrNiSi 25 20	Z 15 CNS 25.20	X 16 CrNiSi 25 20		SUH 310		20Ch25N20S2	S 31000	314; 310	
			1.4845	X 12 CrNi 25 21	Z 12 CN 25.20	X 6 CrNi 26 20	310 S24	SUH 310; SUS 310 S	2361		S 31008	310 S	
			1.4864	X 12 NiCrSi 36 16	Z 12 NCS 37.18		NA 17	SUH 330			N 08330	330	
			1.4871	X 53 CrMnNiN 21 9	Z 52 CMN 21.09	X 53 CrMnNiN 21 9	349 S 54	SUH 35; SUH 36		55Ch20G9AN4	S 63008	EV 8	
			1.4873	X 45 CrNiW 18 9	Z 35 CNWS 20.09	X 45 CrNiW 18 9	331 S 40	SUH 31					
			1.4876	X 10 NiCrAlTi 33 20	Z 8 NC 32.21		NA 15 (H)	NCF 800				B 163	
			1.4878	X 12 CrNiTi 18 9	Z 6 CNT 18.12 (B)	X 6 CrNiTi 18 11	321 S 20	SUS 321	2337	12Ch18N10T		321	
			1.4923	X 22 CrMoV 12 1			762						
			1.4935	X 20 CrMoWV 12 1								S 42200	
			1.4943	X 4 NiCrTi 25 15	Z 6 NCTDV 25.15 B		HR 251; HR 52; HR 51	SUH 660					
			1.4945	X 6 CrNiWNb 16 16									
			1.4962	X 12 CrNiWTi 16 3									
			1.4980	X 5 NiCrTi 26 15								S66286	
			4.2.2 Ni alloys, non hardened	1.4876	X 10 NiCrAlTi 32 20	Incoloy 800							
				2.4360	NiCu30Fe	Monel 400							
	2.4375	NiCu30Al		Monel K 500									
	2.4603	NiCr30FeMo		Hastelloy X									
	2.4617			Hastelloy B-2									
	2.4640	NiCr15Fe		Inconel 600									
	2.4668	NiCr19Fe18Nb5Mg		Inconel 718									
	2.4812			Hastelloy C									
	2.4816	NiCr15Fe		Inconel 600		NA 14	NCF 600				N 06600		
2.4856	NiCr22Mo9Nb	Inconel 625											
2.4858	NiCr21Mo			NA 16	NCF 825				N 08825				
2.4983		Udimet 500											