

PASLANMAZ ÇELİK ULUSLARARASI STANDART KARŞILAŞTIRMALARI

W.-Nr	ALMANYA DIN	FRANSA AFNOR	İNGİLTERE B.S.	İTALYA UNI	JAPONYA JIS	İSVEÇ SS	RUSYA GOST	A.B.D. AISI/SAE
1.4000	X6Cr13	Z 8 C 12	403 S 17	X 6 Cr 13	SUS 403	2301	08 Ch 13	430
					SUS 410 S			410 S
1.4001	x7Cr14	Z 8 C 13 FF			SUS 429			429
1.4002	X6CrAl13	Z 8 CA 12	405 S 17	X 6 CrAl 13	SUS 405	-	-	405
1.4005	X12CrS13	Z 11 CF 13	416 S 21	X 12 CrS 13	SUS 416	2380	-	416
1.4006	X12Cr13	Z 10 C 13	410 S 21	X 12 Cr 13	SUS 410	2302	12 Ch 13	410
	X10Cr13		410 C 21	X 10 Cr 13			15 Ch 13L	CA-15
	GX12Cr13		ANC 1A					
1.4008	GX8CrNi 13	Z 12 CN 13 M	410 C 21	GX 12 Cr 13	SCS 1	-	-	-
	GX7 CrNiMo 12-1							
1.4016	X6Cr17	Z 8 C 17	430 S 17	X 8 Cr 17	SUS 430	2320	12 Ch 17	430
			430 S 18					
1.4021	X20Cr13	Z 20 C 13	420 S 37	X 20 Cr 13	SUS 420 J1	2303	20 Ch 13	420
1.4024	X15Cr13	Z 13 C 13	420 S 29	-	SUS 410 J1	-	-	-
1.4027	GX20Cr14	Z 20 C 13 M	ANC 1 B; C	-	SCS 2	-	20 Ch 13L	-
			420 C 24					
			420 C 29					
1.4028	X30Cr13	Z 30 C 13	420 S 45	(G) X 30 Cr 13	SUS 420 J2	2304	30 Ch 13	420 F
		Z 33 C 13						
1.4031	X39Cr13 / X 38 Cr 13	Z 40 C 14	-	X 40 Cr 14	SUS 420 J2	-2304	40 Ch 13	-
1.4034	X46Cr13	Z 44 C 14	(420 S 45)	X 40 Cr 14	-	-	40 Ch 13	-
		Z 38 C 13 M						
1.4057	X17CrNi16-2	Z 15 CN 16-02	431 S 29; 6 S80	X 16 CrNi 16	SUS 431	2321	20 Ch 17 N 2	431
1.4104	X14CrMoS17	Z 13 CF 17	-	X 10 CrS 17	SUS 430 F	2383	-	430 F
1.4113	X6CrMo17-1	-	434 S 17	X 8 CrMo 17	SUS 434	-	-	434
1.4125	X105CrMo17	Z 100 CD 17	-	-	SUS 440 C	-	(95 Ch 18)	440 C
1.4301	X 5 CrNi 18 10	Z 4 CN 19-10 FF	304 S 11;304 S15	X 5 CrNi 18 10	SUS 304	2332	08 Ch 18 N 10	304
	(X4 CrNi 18-10)	Z 5 CN 17-08	304 S 16			2333		304H
		Z 6 CN 18-09	304 S 17; LW 21					
		Z 7 CN 18-09	LWCF 21					
			304 S 31					
1.4303	X4 CrNi 18-12	Z 5 CN 18-11 FF	305 S 17	X 7 CrNi 18 10	SUS 305 J1	-	06 Ch 18 N 11	305
	(X 5 CrNi 18 12)		305 S 19	X 8 CrNi 19 10	SUS 305			308
1.4305	X8 CrNiS 18-9	Z 8 CNF 18-09	303 S 22	X 10 CrNiS 18 09	SUS 303	2346	-	303
	(X 10 CrNiS 18 9)		303 S 31					
1.4306	X2CrNi 19-11	Z 1 CN 18-12	304 S 11; LW 20	X 3 CrNi 18 11	SCS 19	2352	03 Ch 18 N 11	304 L
	GX2CrNiN 18-9	Z 2 CN 18-10	LWCF 20	X 2 CrNi 18 11	SUS 304 L			
		Z 3 CN 19.10 M	S. 536	GX 2 CrNi 19 10				
		Z 3 CN 18-10	T. 74					
		Z 3 CN 19-11	304 C 12 LT 196					
		Z 3 CN 19-11 FF	305 S 11					
1.4308	GX 5 CrNi 19-10	Z 6 CN 18.10 M	304 C 15	-	SCS13	2333	07 Ch 18 N 9 L	CF-8
	G-X 6 CrNi 18 9		(LT 196)					
1.4310	X10 CrNi 18-8	Z 11 CN 17-08	301 S 21	X 12 CrNi 17 07	SUS 301	2331	-	301
	(X 12 CrNi 17 7)	Z 11 CN 18-08	301 S 22					
		Z 12 CN 18-09						
1.4311	X2 CrNiN 18-10	Z 3 CN 18-07 Az	304 S 61	X 2 CrNiN 18 11	SUS 304LN	2371	-	304 LN
		Z 3 CN 18-10 Az						
1.4312	GX 10 CrNi 18-8	Z 10 CN 18.9 M	302 C 25	*	SCS 12	-	10 Ch 18 N 9 L	-
			ANC 3 A		SCS 13 A			
1.4313	X3CrNiMo 13-4	Z 4 CND 13.4 M	425 C 11	GX 6 CrNi 13 04	SCS 5	2384	-	-
	(X 4 CrNi 13 4)	Z 6 CN 13-4	425 C 12		SCS 6			CA 6-NM
	GX5CrNi 13-4	Z 8 CD 17-01						
1.4319	X3CrNiN 17-8	-	301 S 26;302 S26	X 10 CrNi 18 09	SUS 302	-	-	302
1.4401	X 5 CrNiMo 17 12 2	Z 3 CND 17-11-01	316 S 13	X 5 CrNiMo 17 12	SUS 316	2347	-	316
	(X 4 CrNiMo 17-12-2)	Z 6 CND 17-11	316 S 17					
		Z 6 CND 17-11-02FF	316 S 19					
		Z 7 CND 17-11-02	316 S 31					
		Z 7 CND 17-12-02	316 S 33					
1.4404	X 2 CrNiMo 17-12-2	Z 2 CND 17-12	316 S 11	X 2 CrNiMo 17 12	SUS 316 L	2348	-	316 L
	(X 2 CrNiMo 17 13 2)	Z 2 CND 18-13	316 S 13	G-X 2 CrNiMo 19 11				
	GX 2 CrNiMoN 18-10	Z 3 CND 17-11-02	316 S 14					
		Z 3 CND 17-12-02FF	316 S 31;316 S42					
		Z 3 CND 18-12-02	S. 537; 316 C 12					
		Z 3 CND 18-12-03	T. 75					

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		Z 3 CND 19.10 M	S.161					
1.4406	X 2 CrNiMoN 17-11-2 (X 2 CrNiMoN 17 12 2)	Z 3 CND 17-11 Az	316 S 61 316 S 63	X 2 CrNiMoN 17 12	SUS 316LN	-	-	316 LN
1.4408	GX 5 CrNiMo 19-11-2	-	316 C 16 LT 196 ANC 4 B	-	SCS 14	-2343	07 Ch 18N 10 G2S2M2L	CF-8M
1.4429	G-X 6 CrNiMo 18 10	Z 3 CND 17-12 Az	316 S 63	X 2 CrNiMoN 17 13	SUS 316LN	2375	-	316 LN
1.4435	X 2 CrNiMo 18-14-3	Z 3 CND 17-12-03 Z 3 CND 18-14-03	316 S 11;316 S13 316 S 14;316 S31 LW 22 LWCF 22	X 2 CrNiMo 17 13	SUS 316 L	2353	03 Ch 17N14M3	316 L
1.4436	X 3 CrNiMo 17-13-3 (X 5 CrNiMo 17 13 3)	Z 6 CND 18-12-03 Z 7 CND 18-12-03	316 S 19;316 S31 316 S 33 LW 23 LWCF 23	X 5 CrNiMo 17 13 X 8 CrNiMo 17 13	SUS 316	2343	-	316
1.4438	X 2 CrNiMo 18-15-4 (X 2 CrNiMo 18 16 4)	Z 2 CND 19-15-04 Z 3 CND 19-15-04	317 S 12	X 2 CrNiMo 18 16	SUS 317 L	2367	-	317 L
1.4449	X 5 CrNiMo 17 13	-	317 S 16	X 5 CrNiMo 18 15	SUS 317	-	-	317
1.4460	X 3 CrNiMoN 27-5-2 (X 4 CrNiMoN 27 5 2)	(Z 3 CND 25-07 Az) Z 5 CND 27-05 Az	-	-	SUS 329 J1	2324	-	329
1.4462	X 2 CrNiMoN 22-5-3	Z 3 CND 22-05 Az (Z 2 CND 24-08 Az) Z 3 CND 25-06-03Az	318 S 13	-	SUS 329 J3L	2377	-	-
1.4510	X 3 CrTi 17 (X 6 CrTi 17)	Z 4 CT 17	-	X 6 CrTi 17	SUS 430LX	-	08 Ch 17T	XM 8 430 Ti 439
1.4511	X 3 CrNb 17	Z 4 CNb 17	-	X 6 CrNb 17	SUS 430LX	-	-	-
1.4512	X 6 CrTi 12 (X 2 CrTi 12)	Z 3 CT 12	LW 19 409 S 19	X 6 CrTi 12	SUH 409	-	-	409
1.4521	X 2 CrMoTi 18-2	-	-	-	SUS 444	2326	-	443 444
1.4539	X1 NiCrMoCuN 25-20-5	Z 2 NCDU 25-20	-	-	-	2562	-	UNS N 08904
1.4541	X 6 CrNiTi 18-10	Z 6 CNT 18-10	321 S 31 321 S 51 LW 24 LWCF 24	X 6 CrNiTi 18 11	SUS 321	2337	06 Ch 18N 10T 08 Ch 18N 10T 09 Ch 18N 10T 12 Ch 18N 10T	321
1.4542	X 5 CrNiCuNb 16-4 (X 5 CrNiCuNb 17 4)	Z 7 CNU 15-05 Z 7 CNU 17-04	-	-	SCS 24 SUS 630	-	-	630
1.4544	-	-	S. 524 S.526	X 6 CrNiTi 18 11	-	-	08 Ch 18N 12T	-
1.4546	X 5 CrNiNb 18-10	-	347 S.31 2 S. 130 2 S. 143/144/145 S.525/527	X 6 CrNiNb 18 11	-	-	-	348
1.4550	X 6 CrNiNb 18-10	Z 6 CNNb 18-10	347 S 20 347 S 31 347 S 51 ANC 3 B	X 6 CrNiNb 18 11 X 8 CrNiNb 18 11	SUS 347	2338	08 Ch 18 N 12 B	347 348
1.4552	GX 5 CrNiNb 19-11	Z 6 CNNb 18.10 M	347 C 17	-	SCS 21	-	-	-
1.4568	X 7 CrNiAl 17-7	Z 9 CNA 17-07	301 S 81	-	-	2388	09 Ch 17 N 7 Ju 1	-
1.4571	X 6 CrNiMoTi 17-12-2	Z 6 CNDT 17-12	320 S 18 320 S 31	X 6 CrNiMoTi 17 12	SUS 316Ti	2350	10 Ch 17 N 13 M2T	316 Ti
1.4573	X 10 CrNiMoTi 18 12	-	320 S 33	X 6 CrNiMoTi 17 13	SUS 316Ti	-	10 Ch 17 N 13 M3T 08 Ch 17 N 13 M2T	316 Ti
1.4580	X 6 CrNiMoNb 17-12-2	Z 6 CNDNb 17-12	318 S 17	X 6 CrNiMoNb 17 12	-	-	08 Ch 16 N 13 M2B	(316 Cb)
1.4581	GX5 CrNiMoNb 19-11-2 G-X 5 CrNiMoNb 18 10	Z 4 CNDNb 18.12 M	318 C 17 ANC 4 C	GX6 CrNiMoNb 2011	SCS 22	-	-	-
1.4583	X 10 CrNiMoNb 18-12	-	-	X 6 CrNiMoNb 17 13	-	-	-	318
1.4718	X 45 CrSi9-3	Z 45 CS 9	401 S 45	X 45 CrSi 8	SUH 1	-	40 Ch 9 S 2	HNV 3
1.4724	X 10 CrAl 13 X 10 CrAlSi 13	Z 13 C 13	-	X 10 CrAl 12	-	-	10 Ch 13 S Ju	-
1.4731	X 40 CrSiMo 10-2	Z 40 CSD 10	-	-	SUH 3	-	40 Ch 10 S 2 M	-
1.4742	X 10 CrAl 18 X 10 CrAlSi 18	Z 12 CAS 18	-	(X 8 Cr 17)	SUH 21	-	15 Ch 18 S Ju	-
1.4747	X 80 CrNiSi 20	Z 80 CNS 20-02	443 S 65	X 80 CrSiNi 20	SUH 409	-	-	HNV 6
1.4762	X 10 CrAl 24	Z 12 CAS 25	-	(X 16 Cr 26)	(SUH 446)	(2322)	-	(446)
1.4828	X 15 CrNiSi 20-12	Z 9 CN 24-13	309 S 24	X 16 CrNi 23 14	SUH 309	-	20 Ch 20 N 14 S 2	309

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1.4833	X 12 CrNi 24-12	Z 15 CN 23-13	-	X 6 CrNi 23 14	SUS 309 S	-	-	309 S
	X 12 CrNi 23-13	Z 15 CN 24-13						
	X 7 CrNi 23-14	Z 20 CN 24-13						
1.4837	GX 40 CrNiSi 25-12	-	309 C 30	GX 35 CrNi 25 12	SCH 13 A	-	40 Ch 24 N 12 SL	-
					SCH 17			
1.4841	X 15 CrNiSi 25-20	Z 15 CNS 25-20	314 S 25	X 16 CrNiSi 25 20	SUH 310	-	20 Ch 25 N 20 S 2	314
	X 15 CrNiSi 25-21	Z 15 CNS 25-20						310
1.4842	X 12 CrNi 25-20	Z 12 CN 26-21	-	(X 6 CrNi 25 20)	SUS 310 S	2361	-	310 S
1.4845	X 12 CrNi 25-21	Z 8 CN 25-20	310 S 16	X 6 CrNi 25 21	SUH 310	2361	20 Ch 23 N 18	310 S
	X 8 CrNi 25-21	Z 12 CN 25-20	310 S 24	(X 6 CrNi 25 20)	SUS 310 S			
		Z 12 CN 26-21	310 S 25					
			301 S 31					
1.4848	GX 40 CrNiSi 25-20	-	310 C 40	GX 40 CrNi 26 20	SCH 21	-	-	HK
			310 C 45		SCH 22			
1.4864	X 12 NiCrSi 36-16	Z 20 NCS 33-16	NA 17	-	SUH 330	-	-	330
	X 12 NiCrSi 35-16							
1.4865	GX 40 NiCrSi 38-18	-	330 C 11	GX 50 NiCr 39 19	SCH 15	-	-	-
			330 C 40		SCH 16			
			331 C 40					
1.4871	X 53 CrMnNiN 21-9	Z 53 CMNS 21-09 Az	349 S 54	X 53 CrMnNiN 21 9	SUH 35	-	55 Ch 20 G 9 AN 4	EV 8
		Z 53 CMN 21-09 Az			SUH 36			
1.4873	X 45 CrNiW 18-9	Z 35 CNWS 14-14	-	X 45 CrNiW 18 9	SUH 31	-	-	-
		Z 45 CNW 18-09						
1.4876	X 10 NiCrAlTi 32-20	Z 8 NC 33-21	NA 15 (H)	-	NCF 800	-	-	B 163
	X 10 NiCrAlTi 32-21	Z 10 NC 32-21						
1.4878	X 12 CrNiTi 18-9	Z 6 CNT 18-10	321 S 51	(X 6 CrNiTi 18.11)	SUS 321	(2337)	-	321
	X 10 CrNiTi 18-10							
1.4922	X 20 CrMoV 12-1	-	-	X 20 CrMoNi 12 01	-	2317	-	-
1.4944	-	Z 6 NCTDV 25-15 B	HR 51	-	-	-	-	660