



Internationaler Werkstoffvergleich | International materials comparison

W.-Nr.	DIN/DIN EN	AISI ¹⁾	UNS ²⁾	SS ³⁾	AFNOR ⁴⁾	BS ⁵⁾
Grade						
1.4005	X12 Cr S13	416	S 41600	2380	Z 11 CF13	416 S 21
1.4006	X12 Cr13	410	S 41000	2302	Z 10 C 13	410 S 21
1.4016	X6 Cr17	430	S 43000	2320	Z 8 C17	430 S 15
1.4021	X20 Cr13	420	S 42000	2303	Z 20 C 13	420 S 37
1.4028	X30 Cr13	420 F	S 42020	2304	Z 30 C 13	420 S 45
1.4034	X46 Cr13			(2304)	Z 40 C 14	(420 S 45)
1.4057	X17 CrNi 6-2	431	S 43100	2321	Z 15 CN 16.02	431 S 29
1.4104	X14 CrMoS 17	430 F	S 43020	2383	Z 13 CF17	(441 S 29)
1.4112	X90 CrMoV 18	440 B	S 44003			
1.4122	X39 CrMo17-1					
1.4301	X5 CrNi 18-10	304	S 30400	2332	Z 6 CN 18.09	304 S 15
1.4305	X8 CrNiS 18-9	303	S 30300	2346	Z 8 CNF 18.09	303 S 31
1.4306	X2 CrNi 19-11	304 L	S 30403	2352	Z 2 CN 8.10	304 S 11
1.4307	X2 CrNi 8-9	304 L		2352	Z 3 CN 18.10	304 S 11
1.4310	X10 CrNi 18-8	301	S 30100	2331	Z 12 CN 18.08	301 S22
1.4313	X3 CrNiMo13-4	CA6-NM		2384	Z 4 ND 13.04M	425 C 11
1.4401	X5 CrNiMo 17-12-2	316	S 31600	2347	Z 7 CND 17.12.02	316 S 31
1.4404	X2 CrNiMo 17-12-2	316 L	S 31603	2348	Z 3 CND 18.12.02	316 S11
1.4418	X4 CrNiMo 16-5-1			2387	Z 6 CND 16.05.01	
1.4432	X2 CrNiMo 17-12-3	316 L		2353	Z 3 CND 17.12.03	316 S 13
1.4435	X2 CrNiMo 18-14-3	316 L	S 31603	2353	Z 3 CND 18.14.03	316 S11
1.4436	X3 CrNiMo 17-13-3	316	S 31600	2343	Z 7 CND 18.12.03	316 S31
1.4438	X2 CrNiMo 18-15-4	317 L	S 31703	2367	Z 3 CND 19.15.04	317 S 12
1.4439	X2 CrNiMoN 17-13-5	(317 LMN)				
1.4449	X5 CrNiMo 17-13	317	S 31700			317 S 16
1.4460	X3 CrNiMoN 27-5-2	329	S 32900	2324	Z5 CND 27.05. AZ	
1.4462	X2 CrNiMoN 22-5-3		S 31803	2377	(Z5 NDU 21.08)	
1.4529	X1 NiCrMoCuN 25-20-7		(S 31254)			
1.4539	X1 NiCrMoCu 25-20-5	(904 L)	N 08904	2562	Z 1 NCDU 25.20	
1.4541	X6 CrNiTi 18-10	321	S 32100	2337	Z 6 CNT 18.10	321 S 31
1.4542	X5 CrNiCuNb16-4	630	S 17400		Z 7 CNU 15.05	
1.4550	X6 CrNiNb 18-10	347	S 34700	2338	Z 6 CNNb 8.10	347 S 31
1.4563	X1 NiCrMoCu 31-27-4		N 08028	2584	Z 2 NCDU 31.27	
1.4571	X6 CrNiMoTi 17-12-2	316Ti	S31635	2350	Z 6 CNDT 17.12	320 S 31
1.4713	X10 CrAlSi7				Z 8 CA 7	
1.4724	X10 CrAlSi 13				(Z 10 C 13)	
1.4742	X10 CrAlSi18				Z 10 CAS 18	
1.4749	X18 CrN28	446-1	S 44600	2322		
1.4762	X10 CrAlSi 25	(446)	(S 44600)	(2320)	Z 10 CAS 24	
1.4821	X15 CrNiSi 25-4				Z 20 CNS 25.04	
1.4828	X15 CrNiSi 20-12	309	(S 30900)		Z 15 CNS 20.10	309 S 24
1.4841	X15 CrNiSi 25-21	314	S 31400		Z 12 CNS 25.20	314 S 25
1.4845	X8 CrNi 25-21	310 S	S 31008	2361	Z 12 CN 25.20	310 S 24
1.4864	X12 NiCrSi 35-16	330	N 08303		Z 12 NCS 35.16	(3076 NA 17)
1.4876	X10 NiCrAlTi 32-21	B 163			Z 8 NC 32.21	3076 NA 15 H
1.4878	X8 CrNiTi 18-10	321	S 32100	2337	Z 6 CNT18.12	321 S 51
1.4923	X22 CrMoV 12-1					

Die den deutschen Werkstoffen gegenübergestellten Werkstoffe nach anderen Normen können zum Teil nur näherungsweise verglichen werden. Die Austauschbarkeit der verglichenen Werkstoffe muß im Einzelfall beurteilt werden. *Only an approximate comparison can be made between materials referenced to German materials under different Standards. Whether the materials being compared are interchangeable must be assessed in each individual case.*

- 1) AISI = American Iron and Steel Institute
- 2) UNS = Unified Numbering Systems
- 3) SS = Swedish Standard
- 4) AFNOR = Association Française de Normalisation
- 5) BS = British Standard