



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