

Equivalence des normes

| Famille | Nuance | | | | |
|--------------------------------------|--|---|--|---|--|
| | Norme française | Norme USA (AISI) | Norme Allemande | Norme japonaise | Norme chinoise |
| Acier au chrome | 100Cr6 100CrMn6 | 52100 - | 1.3505 1.3520 | SUJ2 SUJ3 | GCr15 GCr15SiMn |
| Acier carbone | CC10 XC12 XC90 | 1010 1015 1085 | 1.1121 1.1141 1.0616 | S10C S15C SWRH87B | 10 15 82B |
| Acier inoxydable non trempant | Z7CN18-09 Z3CN18-10 Z6CND17-11 Z3CND17-11-02 Z8C17 Z10CF17 | 304 304L 316 316L 430 430F | 1.4301 1.4307 1.4401 1.4404 1.4016 1.4104 | SUS304 SUS304L SUS316 SUS316L SUS430 SUS430F | 0Cr18Ni9 00Cr19Ni10 0Cr17Ni12Mo2 0Cr19Ni12Mo2 1Cr17 YCr17 |
| Acier inoxydable trempant | Z34C14 Z100CD17 | 420C 440C | 1.4034 1.4125 | - SUS440C | 4Cr13 9Cr18Mo |
| Carbure de Tungstène | K20 K30 Liant Nickel 6% Liant Nickel 9% | C1 C2 - - | - - - - | - - - - | YG6 YG8 YN6 YN9 |
| Hastelloy | NiMo16Cr16Ti (C4) NiCr21Mo14W (C22) NiMo16Cr15W (C276) NiCr22Fe18Mo (X) | N06455 N06022 N10276 N06002 | 2.4610 2.4602 2.4819 2.4665 | NW6455 NW6022 NW0276 NW6002 | NS335 NS336 NS334 - |
| Inconel | NC15Fe (600) NC22DNb (625) NC19FeNb (718) | N06600 N06625 N07718 | 2.4816 2.4856 2.4668 | - - - | - - GH/4169 |
| Monel | NU 30 (400) NU 30 AT (K500) | N04400 N05500 | 2.4360 2.4375 | - - | - - |
| Titane | T40 TA6V | R50400 R56400 | 3.7035 3.7164 | Ti Class 2 TiAl6V4 | TA 2 - |
| Cuivre | CuA1 CuBe1.9 | C11000 C17200 | 2.0065 2.1247 | C1100 C1720 | T2 QBe2 |
| Laiton | CuZn30 CuZn36 CuZn40 | C26000 C27000 C28000 | 2.0265 2.0335 2.0360 | C2600 C2700 C2800 | H70 H65 H62 |