

Equivalence of material

Famille	Nuance				
	French standard	USA standard	German standard	Japanese standard	Chinese standard
Chrome steel	100Cr6 100CrMn6	52100 -	1.3505 1.3520	SUJ2 SUJ3	GCr15 GCr15SiMn
Carbon steel	CC10 XC12 XC90	1010 1015 1085	1.1121 1.1141 1.0616	S10C S15C SWRH87B	10 15 82B
Stainless steel (Unhardened)	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
Stainless steel (Hardened)	Z34C14 Z100CD17	420C 440C	1.4034 1.4125	- SUS440C	4Cr13 9Cr18Mo
Tungsten Carbide	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	- -	- -
Titanium	T40 TA6V	R50400 R56400	3.7035 3.7164	Ti Class 2 TiAl6V4	TA 2 -
Copper	CuA1 CuBe1.9	C11000 C17200	2.0065 2.1247	C1100 C1720	T2 QBe2
Brass	CuZn30 CuZn36 CuZn40	C26000 C27000 C28000	2.0265 2.0335 2.0360	C2600 C2700 C2800	H70 H65 H62