

	Grade	EN-Norm	ASTM / AISI	AFNOR
austenitic stainless steel	X5CrNi18-10	1.4301	304	Z6 CN18-09
	X8CrNiS18-9	1.4305	303	Z8 CNF18-09
	X2CrNi19-11	1.4306	304L	Z3 CN18-10
	X10CrNi18-8	1.4310	302	Z12 CN18-09
	X5CrNiMo17-12-2	1.4401	316	Z6 CND17-11-02
	X2CrNiMo17-10-2+S+Cu	1.4598	316L+S+Cu	Z3 CND17-11-02
	X2CrNiMo18-14-3	1.4435	316L	Z6 CND17-12-03
	X2CrNiMo18-15-3	1.4441	316LVM	---
	X2CrNi18-9	1.4307	304L	---
	X10CrNi18-8	1.4310MO	301Mo	---
	X11CrNiMnN19-8-6	1.4369	---	---
	X2CrNiMo17-12-2	1.4404	316L	Z2CND17-12
	X2CrNiMo17-12-2	1.4404+S+CU	316L	Z2CND17-12
	X 12 CrNiMoS 18-11-2	1.4427SO	316L(+S)	Z3 CNDF 17 13
	X13CrMnMoN18-14-3	1.4452		
	X2CrNiMoN22-5-3	1.4462	318 LN	Duplex
	X1NiCrMoCu25-20-5	1.4539	904L	---
	X6CrNiTi18-10	1.4541	321	---
	X5CrNiCuNb16-4	1.4542	630	hardenable Z7CNU15-05
	X3CrNiCu18-9-4	1.4567	304CU	Z3CNU18-10
	X7CrNiAl17-7	1.4568	F899	hardenable
	X6CrNiCuS18-9-2	1.4570	303 Cu	---
	X6CrNiMoTi17-12-2	1.4571	316Ti	---
X15CrNiSi25-21	1.4841	314	---	
X15CrNi25-21	1.4845	310S	---	
X2CrNiMo18-15-3	1.441 MED	316LVM	---	

austenitic steels, divers	304V
	Nitronic 60
	P558JA
	P570

ferritic stainless steels	X6Cr17	1.4016	430	Z8C17
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ferritic steels, divers	RFe80	1.1014		
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	Grade	EN-Norm	ASTM / AISI	AFNOR
hardenable martensitic stainless steels	X12CrS13	1.4005	AISI 416, AISI 416 MOD	X12CrS13
	X46CrS13	1.4035	420F	Z 44 C 14
	X46Cr13	1.4034	420	Z 44 C 14
	X14CrMoS17	1.4104	430F	Z 13 CF 17
	X90CrMoV18	1.4112	440B	X90 CrMoV 18
	X105CrMo17	1.4125	440C	Z100 CD17
	Sandvik 4C27A	1.4197	(420F)	---
	X12Cr13	1.4006	410	Z10C13
	X20Cr13	1.4021	420	Z20C13
	X46Cr13	1.4034+S	420	Z44C14
	X17CrNi16-2	1.4057	431	Z15CN16-02
	X40CrMoVN16-2	1.4123	F899	X40CrMoVN16.02

carbon steel / free cutting steel	100 Cr 6	1.3505	---	100C6
	C72D	1.0617	1070	G10700
	4C27A	---	F899	X 22 CrMoNiS 13 1
	Labor Pb	1.0759	---	70 SPb 20
	Sandvik 20AP	1.1268+Pb	---	---
	LAW100PB	1.1268+Pb	1095	---
	11SMnPb37	1.0737	---	S 300 Pb
	piano wire	1.1211	---	„Corde à piano“

hardenable free cutting steel without Pb	Finemac	---	---	---
	LAW 100X	1.1268 X	1095	---

cobalt alloys	Nivaflex 45/5	---	---	---
	Nivaflex 45/18	2.4782	---	---
	Phynox	---	---	K13C20N16Fe15D07

	Grade	EN-Norm	ASTM / AISI	AFNOR
ferro-nickel	NiFe47	2.4478	---	FN52

nickel base alloys	Inconel 600	2.4816		
	Ni36	1.3912	F1684	NF A54-301
	Alloy 902	---	---	---
	Inconel X 718	2.4668	B637	NC 19 Fe Nb
	Inconel X-750	2.4669	B637	---
	Ni36	1.3912	F1684	NF A54-301

nickel	Nickel200	2.4066	---	---
	Nickel205	2.4066		
	Nickel270	2.4050		

titanium	Grade 1	3.7024 / 25	F467	---
	Grade 5	3.7165	---	---
	6Al 4V ELI	3.7165	---	---
	Ti6AL4VELI	3.7165	F136	---

brass	CuZn39Pb 3	CW614N	C38500	CuZn40Pb3
	CuZn30	CW505L	C26000	CuZn30
	CuZn36	CW507L	C27000	CuZn36
	CuZn37	CW508L	C27200	CuZn36
	CuSn4Pb4Zn4	CW456K	C54400	---
	CuZn21Si3	---	---	---
	CuZn21Si3P	CW724R	---	---
	CuZn38Pb2/60A	CW608N	C37700	CuZn38Pb1,5
	CuZn40_PNA311	CW509L	C28000	CuZn40
	CuZn42	CW510L	C28500	CuZn42
	CuZn42_PNA378	CW510L	C28500	---
	CuZn42_PNA379	---	---	---
	CuZn42_PNA380	---	---	---

bronze	CuSn6	CW452K	C51900	CuSn6P
	CuSn4Pb4Zn4	CW456K	C54400	CuSn4Pb4Zn4
	CuSn8	CW453K	C52100	CuSn9P

	Grade	EN-Norm	ASTM / AISI	AFNOR
nickel silver	CuNi7Zn39Pb3Mn2	CW400J	---	---
	CuNi25Zn12	Arcap AP 1D	---	---
	CuNi12Zn38Mn5	---	---	---
	CuNi18Zn20	CW409	---	---
	CuNi18Zn20_N29	CW409	---	---

beryllium copper	CuBe2Pb	CW102C	C17300	---
	CuBe2	CW101C	C17200	---
	CuBeM25	CW102C	C17300	---







copper	Cu-OF	CW008A		
	Cu-ETP	CW004A		
	CUOFE	CW009A		

aluminum and alloys	Divers			
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tungsten and alloys	Divers			
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Other materials on request.

Dimensions and diameters

execution	description	dimensions	tolerances
	micro flat wire	thickness: 0.01 - 2.00 mm width: 0.05 - 3.00 mm	acc. to specification
	square / rectangle	thickness: 0.20 - 2.00 mm width: 0.20 - 3.00 mm	acc. to specification
	precision wire	diameter: 0.005 - 4.00 mm	acc. to DIN or from ± 0.0005 mm
	special profiles	A _{min} : 0.50 mm ² A _{max} : 6.00 mm ²	∅ ± 0.0020 mm ∅ ± 0.1000 mm
	pivots & pins	diameter: 0.050 - 4.00 mm length: 5 - 1'000 mm	0.01- 0.02 mm ± 0.005- 1.00 mm
	bars, levelled	diameter.: 0.150 - 4.00 mm length: 1'000 - 4'500 mm	0.001 - 0.02 mm 0.200 - 1.00 mm

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