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CROSSREFERENCE TABLE OF METAL MATERIALS

STAINLESS STEEL

Designation name	Designation number	Standard	Product form	Cross reference
X6Cr17	1.4016	EN 10088-2 EN 10088-3 EN 10151 EN 10250-4	Rod, cold rolled strip, section, strip, bar, hot rolled strip, plate, forging, semi finished product	AISI Type 430 (US) Grade 1CM7 (CN) SUS 430 (JP) SS2320(SE)
X20CM3	1.4021	EN 10088-2 EN 10088-3 EN 10151 EN 10250-4	Rod, cold rolled strip, section, strip, bar, hot rolled strip, plate, forging, semi finished product	AISI Type 420 (US) Grade 2Cr13(CN) SUS420J1 (JP) SS2303(SE)
X30CM3	1.4028	EN 10088-2 EN 10088-3 EN 10151 EN 10250-4	Rod, cold rolled strip, section, strip, bar, hot rolled strip, plate, forging, semi finished product	AISI Type 420 F (US) Grade 3CM3 (CN) SUS 420J2 (JP) SS2304(SE)
X46CM3	1.4034	EN 10088-2 EN 10088-3	Sheet, plate, rod, bar, wire	AISI Type 420 (US) SUS420J2 (JP) SS2304(SE)
X14CrMoS17	1.4104	EN 10088-3	Rod, bar, wire	AISI 430 F (US) SUS 430 F (JP) SS2383(SE)
X5CrNi18-10	1.4301	EN 10088-2 EN 10088-3 EN 10151 EN 10250-4	Rod, cold rolled strip, section, strip, bar, hot rolled strip, plate, forging, semi finished product	AISI Type 304 / CF8 (US) Grade 06Cr19Ni10 (CN) SUS 304 (JP) SS2333(SE)
X8CrNiS18-9	1.4305	EN 10088-2 EN 10088-3 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI Type 303 (US) YCr18Ni9 (CN) SUS 303 (JP) SS2346(SE)
GX5CrNi19-10	1.4308	EN 10213 EN 10283	Castings, pressure purposes	AISI 304/CF8 (US) 06Cr19Ni10 (CN) SCS13/SUS304 (JP) SS2333(SE)

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Designation name	Designation number	Standard	Product form	Cross reference
X10CrNi18-8	1.431	EN 10088-2 EN 10088-3 EN 10151 EN 10263-5 EN 10270-3	Springs, rod, semi finished product, section, cold rolled strip, drawn wire, bar	AISI Type 301 (US) Grade 1Cr17Ni7,12Cr18Ni9 (CN) SUS 301 (JP) SS2331(SE)
X5CrNiMo17-12-2	1.4401	EN 10088-2 EN 10088-3 EN 10250-4	Semi finished product, rod, section, wire, bar, forging	AISI Type 316 (US) 0Cr17Ni14Mo2 (CN) SUS 316 (JP) SS2347(SE)
X2CrNiMo17-12-2	1.4404	EN 10088-2 EN 10088-3 EN 10222-5 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI Type 316L (US) 00Cr17Ni14Mo2 (CN) SUS 316L (JP) SS2348(SE)
GX5CrNiMo19-11-2	1.4408	EN 10213 EN 10283	Castings, pressure purposes	AISI 316/CF8M (US) ZG07Cr19Ni11Mo3 (CN) SCS 14 (JP) SS2343(SE)
X2CrNiMo17-12-3	1.4432	EN 10088-2 EN 10088-3 EN 10222-5	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI Type 316L (US) 00Cr17Ni14Mo2 (CN) SUS 316L (JP) SS2353(SE)
X2CrNiMo18-14-3	1.4435	EN 10088-2 EN 10088-3 EN 10222-5 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI Type 316L (US) 00Cr17Ni14Mo2 (CN) SUS 316L (JP) SS2353 (SE)
X3CrNiMo17-13-3	1.4436	EN 10088-2 EN 10088-3 EN 10222-5 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI 316/CF8M (US) 0Cr17Ni12Mo2 (CN) SUS 316 (JP) SS2343 (SE)
X3CrNiMoN27-5-2	1.446	EN 10088-3 EN 10250-4	Semi finished product, rod, section, wire, bar, forging	UNS S31200 / Grade F50 (US) 03Cr25Ni6Mo2N (CN) SS2324 (SE)
X5CrNiCuNb16-4	1.4542	EN 10088-2 EN 10088-3 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI 630 (US) SUS 630 (JP)
X6CrNiMoTi 17-12-2	1.4571	EN 10088-2 EN 10088-3 EN 10222-5 EN 10250-4	Semi finished product, rod, section, wire, bar, hot rolled plate, forging	AISI Type 316Ti (US) 0Cr18Ni12Mo2Ti (CN) SUS 316Ti (JP) SS2350(SE)

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IRON, NODULAR IRON AND STEEL

Designation name	Designation number	Standard	Product form	Cross reference
EN-GJL-250	EN-JL1040	EN1561	Grey cast iron	No35 / No40 ASTM A480 (US) GG-25 (DE), FC25 (JP) Grade 250 (GB), SS0125 (SE)
EN-GJS-400-15	EN-JS1030	EN1563	Nodular cast irons	60-40-18 (US) GGG-40 (DE) FCD400-15 (JP) Grade 400/12 (GB) SS0717-00 (SE)
EN-GJS-400-18	EN-JS1020	EN1563	Nodular cast irons	60-40-18 (US) GGG-40.3 (DE) FCD400-18 (JP) Grade 400/18 (GB) SS0717-02 (SE)
EN-GJS-400-18-LT	EN-JS1025	EN1563	Nodular cast irons	60-40-18 (US) GGG-40.3 (DE) FCD400-18L (JP) Grade 400/18 (GB) SS0717-02 (SE)
GP240GH	1.0619	EN 10213	Steel castings	ASTM 216-WCB (US) GS-C25 (DE), Grade B (GB)
G20Mn5	1.6220	EN 10213 EN 10293	Steel castings	Grade 70-40 (US) GS-C25 (DE) Class SC480 (JP) ZGD270-480 (CN) SS2172(SE)
S235J0	1.0114	EN 10025	Structural steels	St37-3U (DE), 40C (GB) Q235-C (CN)
S235JR	1.0038	EN 10025	Structural steels	Grade D (US) RSt37-2 (DE) SS41 (JP) SS1312(SE)

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COPPER ALLOYS

Designation name	Designation number	Standard	Product form	Cross reference
CuAl10Fe2-C	CC331G	EN 1982	Copper cast alloy	UNSC95200 (US) AB1 (GB) SS5710 (SE)
CuAl10Fe5Ni5-C	CC333G	EN 1982	Copper cast alloy	UNSC95500 (US) AB2 (GB) SS5716 (SE)
CuSn5	CW451K	EN 1652 EN 12163	Copper alloys - strip, sheet, rounds, bar	UNS C51000 (US) PB102 (GB) C5102 (JP)
CuSn6	CW452K	EN 1652 EN 12163	Copper alloys - strip, sheet, rounds, bar	C51900(US) PB103 (GB) C5191 (JP) SS5428(SE)
CuSn8	CW453K	EN 1652 EN 12163	Copper alloys - strip, sheet, rounds, bar	UNS C52100 (US) PB104 (GB) C5212.C5210 (JP)
CuSn10	CC480K	EN 1982	Copper cast alloy	UNSC90700 (US) CT1 / PB4 (GB) Gbz10 (DE) SS5443(SE)
CuSn10Zn2	CC482K	EN 1982	Copper cast alloy	UNSC90500 (US) G1 (GB) RG10 (DE) SS5458(SE)
CuSn5Zn5Pb5-C	CC491K	EN 1982	Copper cast alloy	UNSC83600 (US) LG2 (GB) RG5 (DE) SS5204 (SE)
CuSn7ZnPb	CC493K	EN 1982	Copper cast alloy	UNSC93100 (US) LG4 (GB) RG7 (DE) SS5444(SE)
CuSn10Pb10	CC495K	EN 1982	Copper cast alloy	UNSC93700 (US) LB2 (GB) SS5640(SE)
CuZn38Pb1	CW607N	EN 12164/A1 EN 12167	Copper alloys - bar, section	C37000(US) CZ119 (GB) SS5165 (SE)
CuZn39Pb3	CW614N	EN 12164/A1 EN 12167	Copper alloys - bar, section	C36000 (US) CZ121 (GB) Ms58 (DE) SS5170 (SE)
CuZn40Pb2	CW617N	EN 12164/A1	Copper alloys - bar	C37800/38000 (US) CZ120/122 (GB) MS58 (DE) SS5168 (SE)
CuZn35Ni3Mn2AlPb	CW710R	EN 12163	Copper alloys - rod	CZ114 (GB) SoMs59 (DE)