

EXEMPLES DE MATIERES A USINER
SELON DIFFERENTES NORMES

AMG	EN	W.Nr.	DIN	BS	SS	USA	UNS	ISO
1.1		1.1015, 1.1013	Rfe50, Rfe100	230Mo7, 050A12	1160	Leaded Steels	G12120	P 1
1.2	EN 10 025 - S235JRG2	1.1012, 1.1053, 1.7131	Sf37-2, 16MnCr5, S160-2	060A35, 080M40, 4360-50B	1312, 1412, 1914	135, 30	G10100	P 1
1.3	EN 10 025 - E295	1.1191, 1.0601	CK45, C60	080M46, 080A62	1550, 2142, 2172	1024, 1060, 1061	G10600	P 2
1.4	EN 10 083-1 - 42 CrMo 4 - EN 10 270-2	1.7225, 1.3505, 1.6582, 1.3247	42CrMo4, 100Cr6, 34CrNiMo6, S2-10-1-8	708M40/42, 817M40, 534A99, BM2, BT42	1672-04, 2090, 2244-02, 2541-02	4140, A2, 4340, IM42, M2	G41270, G41470, T30102, T11342	P 3
1.5	EN ISO 4957 - HS6-5-2 - EN ISO 4957 - HS6-5-2-5	1.2510, 1.2713, 1.3247, 1.2080	100MnCrW12, 25NiCrMoV6, X210Cr12, S2-10-1-8	B01, BM2, BT42, 826 M46, 830M31	2244-04, 2541-03, 2550, 2722, 2723	01, L6, M42, D3, A2, M2, 4140, 6830	G86300, T30102, T11302, T30403, T11342	P 4
1.6	EN ISO 4957 - HS2-9-1-8	1.2510	100MnCrW12, X210Cr12, S2-10-1-8	801, 826 M40, 830M31	2244-05, 2541-05, , HARDOX 400	01, L6, M42, D3, 4140, 8130	T30403, G41400, J14047	H 1
1.7	EN ISO 4957 - HS2-9-1-8	1.3343, 1.2344	100MnCrW4	B01, BD3, BH13	HARDOX 500			H 3
1.8	EN ISO 4957 - X40CrMoV5-1	1.3343, 1.2344	S6-5-2, GX40CrMoV5-1	BM2, BH13	2242 HARDOX 600			H 4
2.1	EN 10 088-3 - X14CrMoS17	1.4305, 1.4104	X10CrNiS189, X12CrMoS17	303 S21, -416 S37	2301, 2312, 2314, 2346, 2380	303, 416, 430F	S30300, S41600, S43020	M 1
2.2	EN 10 088-2-0-3 - 1.4301+AT	1.4301, 1.4541, 1.4571	X5CrNi189 X10CrNiMoTi1810	304 S15, 321 S17, 316 S, 320 S12	2310, 2333, 2337, 2343, 2353, 2377	304, 321, 316	S30400, S32100, S31600	M 3
2.3	EN 10 088-3 - 1.4460	1.4460, 1.4512, 1.4582	X8CrNiMo275, X4CrNiMoN6257	317 S16, 316 S16	2324, 2387, 2570	409, 430, 436	S40900, S4300, S43600	M 2
2.4	EN 1.4547	1.4547	X2CrNiMo20-18-6	HR41	2378	17-4PH	S31254	S 2
3.1	EN 1561 - EN J11030	0.6010, 0.6040	GG10, GG40	Grade150, Grade 400	0120, 0212, 0814	ASTM A48 class 20	F11401, F12801	K 1
3.2	EN 1561 - EN J11050	0.6025, 0.6040	GG25, GG40	Grade200, Grade 400	0125, 0130, 0140, 0217	ASTM A48 class 40, S17M A48 class 60	F12801, F14101	K 2
3.3	EN 1561 - EN J12040	0.7040, 0.7070, 0.8145, 0.8045	GG40, GGG70, GTS45-06, GTW45-07	42012, P44077, 7002, 309/72	0219, 0717, 0721, 0732, 0852	ASTM A220 grade 40010, ASTM A602 grade M4504	F2830, F20001	K 3
3.4	EN 1561 - EN J12050	0.7040, 0.7070, 0.8145, 0.8045	GG40, GGG70, GTS45-06, GTW45-07	42012, P44077, 7002, 309/72	0221, 0223, 0737, 0854	ASTM A220 grade 90001, ASTM A602 grade M8501	F26230, 20005	K 4
4.1		3.7024LN	T89.8	TA1 to 9	T89.8	ASTM B265 grade 1	R50250	S 1
4.2		3.7164LN, 3.7119LN	TA16V4, TA16S2	TA10 to 14, TA17	TA16V4, TA16S2	AMS4928	R54790	S 2
4.3		3.7164LN, 3.7174LN, 3.7184LN	TA16V4, TA16V5S2, TA16MoS2	TA10 to 13, TA28	TA16V4S2	AMS4928, AMS4971	R56400, R54790	S 3
5.1		2.4060, 2.4066	Nickel 200, 270, Ni99.6	NA 11, NA12	NI200, NI270	Nickel 200, Nickel 230	N02200, N02230	S 1
5.2		2.4630LN, 2.4602, 2.4650LN	Nimonic 75, Monel 400, Hastelloy C, Inconel 600	HR203, 3027-76		Nimonic 75, Monel 400, Hastelloy, Inconel 600	N06075, N10002, N04400, N06600	S 2
5.3		2.4688LN, 2.4631LN, 2.6554LN	Inconel 718, Nimonic 80A, Waspaloy	HR8, HR401, 601		Inconel 718, 625, Nimonic 80	N07718, N07080, N06625	S 3
6.1	EN 1652 - CW004A	2.0060, 2.0070	E-Cu57, SE-Cu	C101	5010	101	C10100, C1020	N 3
6.2	EN 1652 - CW612N	2.0390, 2.0360, 2.1030, 2.1080	CuZn39Pb2, CuZn40, CuSn8, CuSn6Zn	CZ120, CZ109, PB104	5168	C28000, C37710	C28000, C37710	N 4
6.3	EN 1652 - CW508L	2.0321, 2.0260	CuZn37, CuZn28	CZ108, CZ106	5158	C2600, C27200	C2600, C27200	N 3
6.4			Ampco 18, Ampco 25	AB1 type	5238, JM1-20			N 4
7.1	EN 485-2 - EN AW-1070A	3.0255	Al99.5	LM0, 1 B (1050A)	4005	EC, 1060, 1100	A91060, A91100	N 1
7.2	EN 755-2 - EN AW-5005	3.1355, 3.3525	AlCuMg2, AlMg2Mn0.8	LM5, 10, 12, N4 (9251)	4106, 4212	380, 520.0, 520.2, 2024, 6061	A03800, A05200, A92024	N 1
7.3	EN 1706 - EN AC-42000	3.2162.05, 3.2341.01	GD-ALSi8Cu, G-ALSi5Mg	LM2, 4, 16, 18, 21, 22, 24, 25, 26, 27, L109	4244	319.0, 333.0, 319.1, 356.0	A03190, A03330, C35600	N 1
7.4	SS-EN 1706 - EN AC-47000	3.2581.01	G-ALSi18, G-ALSi12	LM6, 12, 13, 20, 28, 29, 30	4260, 4261, 4262	4032, 222-1, A332.0	A94032, A02220, A13520	N 2
8.1				Polystyrene, Nylon, PVC Cellulose, Acetate & Nitrate		Polystyrene, Nylon, PVC		O
8.2				Ebonite, Ulmold, Bakelite		Bakelite		O
8.3				Kevlar, Printed Circuit boards		Kevlar		O
9.1				Ferrocit, Ferroflant				H
10.1				Graphite				O