

UNE PALETTE COMPLÈTE D'ALLIAGES

LMSA	Description	N° DIN	EN	AISI	UNS	
Cuivre-Beryllium et Nickel-Beryllium						
A100	CuBe2 – Alliage 25	Alliage 25 Materion Brush	2.1247	CW101C	-	C17200
A150	CuBe2 – Alliage 190 traité	Alliage 190 Materion Brush traité	2.1247	CW101C	-	C17200
A170	CuBe2 – Alliage 290 traité	Alliage 290 Materion Brush traité	2.1247	CW101C	-	C17200
A280	CuNiBe0.5 - Alliage 60 [®] traité	Alliage 60 [®] Materion Brush traité	-	-	-	C17460
A300	CuNi2Be – Alliage 3	Alliage 3 Materion Brush	2.0850	CW110C	-	C17510
A350	CuNi2Be – Alliage 3 traité	Alliage 3 Materion Brush traité	2.0850	CW110C	-	C17510
A500	CuCo0.5Be – Alliage 174 traité	Alliage 174 Materion Brush traité	-	-	-	C17410
A800	NiBe2	Alliage 360 Materion Brush	-	-	-	N03360
Laitons - Bronzes – Maillechorts						
B200	CuZn28	Laiton PAM Laiton 28%	2.0261	CW504L	-	-
B210	CuZn37	(Lt 63) Laiton 37%	2.0321	~CW508L	-	~C27200
B220	CuZn37Pb2	(Lt 612) Laiton au Pb	-	~CW606N	-	~C35300
B221	CuZn38Pb2	(Lt602) Laiton au Pb	-	CW606N	-	~C35300
B230	CuZn23Al3Co	Laiton spéc. (Lt 74)	-	CW703R	-	~C68800
B310	CuSn6	(Bz 946) Bronze au Phospore	2.1020	CW453K	-	C51900
B300	CuSn8	(Bz 928) Bronze au Phospore	2.1030	CW452K	-	C52100
B320	CuNi9Sn2	(Bz 920)	2.0875	CW351H	-	C72500
B330	CuSn3Zn9	(Bz 902)	-	CW454K	-	~C42500
B400	CuNi12Zn24	Maillechort (M12)	2.0730	CW403J	-	~C75700
B410	CuNi18Zn20	Maillechort (M18)	2.0740	CW409J	-	~C76400
B420	CuNi12Zn25Pb1	Maillechort au Pb (M132)	-	CW404J	-	~C79200
Cuivre et autres alliages de cuivre						
B100	Cu-ETP	E-Cu58 / Cu a1 (Cu99)	2.0060	CW004A	-	C11000
B110	Cu-OF	OF-Cu / Cu c1	2.0040	CW008A	-	C10200
B109	Cu-OFE	OFE-Cu Cuivre pur	-	-	-	C10100
B130	STOL [®] 76	CuNi1.3Si0.25	-	-	-	C19010
B135	STOL [®] 76M	CuNi1.3Si0.25	-	-	-	C19002
B145	STOL [®] 78	CuMg0.6	-	-	-	C18665
B150	STOL [®] 79	CuFe2.5P	-	-	-	~C19400
B170	STOL [®] 94	CuNi2.6Si0.6Zn0.8Sn0.4	-	-	-	C70310
B500	CuNi30Mn1Fe	Cuivre-nickel 30%	2.0882	CW354H	-	~C71500
B520	CuNi44Mn1- constantan	Constantan, Vernicon [®]	2.0842	-	-	~C72150
B860	CuNi15Sn8 - BF [®] 158	Materion BF [®] 158	-	-	-	C72900
B865	CuNi15Sn8 - BF [®] 158 traité	Materion BF [®] 158 traité	-	-	-	C72900
Nickel et alliages de nickel						
B540	Nickel pur	Ni 201 / Ni 200	2.4066 2.4060	-	-	N02201 N02200
B541	Nickel pur	Ni 200	2.4068	-	-	N02200
B542	Nickel ultra pur 99.8%	Ni 99.8%	2.4061	-	-	N02201
B560	NiCu30Fe	(Monel) alliage 400	2.4360	-	-	N04400
B580	NiCr15Fe	(Inconel) alliage 600	2.4816	-	-	N06600
B585	NiMo22Mo9Fe5	(Inconel), alliage 625	2.4856	-	-	N06625
B600	NiCr20	Brightray [®] , Tophet [®]	2.4869	-	-	N06003
B610	NiCr20Al2.5Cu2mn1Si1	Evanohm [®]	2.4872	-	-	-
B620	NiMo16Cr15W	Inconel (Hastelloy) alliage C-276	2.4819	-	-	N10276
B635	NiCr19Fe17Nb5Mo3Co	Inconel (Hastelloy) all. 718	2.4668	-	-	N07718
Alliages d'aluminium						
B700	AlMg3	(Peraluman 300)	3.3535	AW-5754	-	AA5754
B705	AlMg4.5Mn	(Peraluman 460)	3.3535	AW-5083	-	AA5083
B710	AlCuMg2	(Avional 150)	3.1355	AW-2024	-	AA2024
B720	AlCuMg2	(Avional 150) traité	3.1355	AW-2024	-	AA2024
B730	AlMgSi1	(Anticorodal) traité	-	AW-6082	-	AA6082
B760	Aluminium pur	Al 99.5%	3.0275	AW-1050	-	-

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Fer & Aciers de construction non-alliés						
C100	RFe80	(Fer 04)	1.1014	-	-	-
C200	Ck60	Nuance spéciale LMSA (H4)	1.1221	C60E	-	~G10640
C230	Ck101	Ck101, (H1)	1.1274	2CS100	-	G10950
C240	Ck75	Ck75, (BCM)	1.1248	2CS75	-	G10780
C320	C100 + Pb	Acier au Plomb C100, (HT10)	-	-	-	-
C330	140Cr3	(140Cr3, Cr3)	1.2008	-	-	-
Aciers inoxydables						
D100	X10CrNi18-8	X12CrNi18-8	1.4310	-	~301	S30100
D101	X10CrNi18-8	X12CrNi18-8, faible teneur en Ni	1.4310.4	-	~301	S30100
D110	X5CrNi18-10	X5CrNi18-9, (18/8)	1.4301	-	~304	S30400
D150	X11CrNiMnN19-8-6	Durnomag®	1.4369	-	-	-
D200	X46Cr13	X46Cr13	1.4034	-	~420	S42000
D300	X6CrNiMoTi17-12-2	X6CrNiMoTi17-12-2	1.4571	-	~316Ti	-
D310	X2CrNiMo18-14-3	X2CrNiMo18-14-3	1.4435	-	~316L	S31603
D320	X2CrNiMo17-12-2	X2CrNiMo17-13-2	1.4404	-	~316L	S31603
D330	X5CrNiMo17-12-2	X5CrNiMo17-13-2	1.4401	-	~316	-
D340	X4CrNi18-12	X4CrNi18-12	1.4303	-	~305	S30500
D345	X2CrNiMo18-15-3	Pour ap. médicales, exempt de ferrite. ASTM F138-139 et ISO 5832-1. 316LVM.	1.4441	-	~316LVM	-
D347	AM 350	Acier inoxydable durcissable	-	-	633	S35000
Aciers maraging						
E100	X2NiCoMo18-9-5	Durnico® - Acier Maraging / Durimphy®	1.6358	-	-	K93160
E150	X2NiCoMo18-16-5	Phytime® - Acier Maraging	-	-	-	-
E200	X2NiCrMoTi10-10-5	Durinox® - Acier Maraging / Ultrafort® 6908	1.6908	-	-	-
Superalliage (à hautes résistances à la corrosion et mécanique)						
E300	Co40Cr20Ni16Mo7	Phynox®, Elgiloy - Medical	-	-	-	R30003
E400	CoNi35Cr20Mo10	MP35N®, ASTM F562 / ISO 5832-6	-	-	-	R30035
Alliages magnétiques						
C100	RFe80	(Fer 04)	1.1014	-	-	-
F105-7	Mu-métal	Mu-métal - Mumetall®	-	-	-	-
F115	FeNi36	Supra 36®				
F112	FeNi48	Supra 50®				
F110	Permenorm®	Permenorm® 5000 V5	-	-	-	-
Autres alliages						
F135	Duratherm® 600		2.4781	-	-	-
F240	FeNi36	Ni36 (Invar)	1.3912	-	-	K93600
F260	NiCo29-18	Kovar, Nilo K	1.3981	-	-	K94610
F300	FeCr20Al5	Aluchrom	1.4767	-	-	-
F160	Titane grade 1	Titane pur (grade 1)	3.7025	-	-	R50250
F161	Titane grade 1 M	Titane pur (grade 1) ASTM-F67 Medical	3.7025	-	-	R50250
F162	Titane grade 2	Titane pur (grade 2)	3.7035	-	-	R50400
F163	Titane grade 2 M	Titane pur (grade 2) ASTM-F67 Medical	3.7035	-	-	R50400
F200	Niobium	Niobium pur	-	-	-	-
F220	Tantale	Tantale pur ASTM B708 Grade R05200	-	-	-	R05200