



Lamineries
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PAGE 1/2 VERSION 3.6 /19.01.2017

A COMPREHENSIVE RANGE OF ALLOYS

LMSA	Designation		N° DIN	EN	AISI	UNS
Beryllium Copper - Beryllium Nickel						
A100	CuBe2 – Alloy 25	Materion Brush Alloy 25	2.1247	CW101C	-	C17200
A150	CuBe2 – Alloy 190 Mill hard.	Materion Brush Alloy 190 Mill hard.	2.1247	CW101C	-	C17200
A170	CuBe2 – Alloy 290 Mill hard.	Materion Brush Alloy 290 Mill hard.	2.1247	CW101C	-	C17200
A280	CuNi2Be – Alloy 60 [®] Mill hard.	Materion Brush Alloy 60 [®] Mill hard.	-	-	-	C17460
A300	CuNi2Be – Alloy 3	Materion Brush Alloy 3	2.0850	CW110C	-	C17510
A350	CuNi2Be – Alloy 3 Mill hard.	Materion Brush Alloy 3 Mill hard.	2.0850	CW110C	-	C17510
A500	CuCo0.5Be – Alloy 174 Mill hard.	Materion Brush Alloy 174 Mill hard.	-	-	-	C17410
A800	NiBe2	Materion Brush Alloy 360	-	-	-	N03360
Brasses - Bronzes - Nickel Silver						
B200	CuZn28	Cartridge Brass (PAM) Brass 28%	2.0261	CW504L	-	-
B210	CuZn37	Yellow Brass(Lt 63) Brass 37%	2.0321	~CW508L	-	~C27200
B220	CuZn37Pb2	High leaded Brass (Lt 612)	-	~CW606N	-	~C35300
B221	CuZn38Pb2	High leaded Brass (Lt 602)	-	CW606N	-	~C35300
B230	CuZn23Al3Co	HP Brass (Lt 74)	-	CW703R	-	~C68800
B300	CuSn8	Phosphor Bronze (Bz 928)	2.1030	CW452K	-	C52100
B310	CuSn6	Phosphor Bronze (Bz 946)	2.1020	CW453K	-	C51900
B320	CuNi9Sn2	Copper Nickel Tin 725	2.0875	CW351H	-	C72500
B330	CuSn3Zn9	Tin Brass (Bz 902)	-	CW454K	-	~C42500
B400	CuNi12Zn24	Nickel Silver (M 12)	2.0730	CW403J	-	~C75700
B410	CuNi18Zn20	Nickel Silver (M 18)	2.0740	CW409J	-	~C76400
B420	CuNi12Zn25Pb1	Leaded Nickel Silver (M 132)	-	CW404J	-	~C79200
Copper and other Copper Alloys						
B100	Cu-ETP	E-Cu58 / Cu a1 (Cu 99)	2.0060	CW004A	-	C11000
B110	Cu-OF	OF-Cu / Cu c1	2.0040	CW008A	-	C10200
B109	Cu-OFE	Pure Copper	-	-	-	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	Copper Nickel 30%	2.0882	CW354H	-	~C71500
B520	CuNi44Mn1- Konstantan	Konstantan, Vernicon [®]	2.0842	-	-	~C72150
B860	CuNi15Sn8	Materion BF [®] 158	-	-	-	C72900
B865	CuNi15Sn8 Mill hard.	Materion BF [®] 158 Mill hard.	-	-	-	C72900
Nickel and Nickel alloys						
B540	Nickel	Ni 200 / Ni 201	2.4066 2.4060	-	-	N02201 N02200
B541	Nickel	Ni 200	2.4068	-	-	N02200
B542	Pure Nickel	Ni 99.8%	2.4061	-	-	N02201
B560	NiCu30Fe	(Monel [®]) Alloy400	2.4360	-	-	N04400
B580	NiCr15Fe	(Inconel [®]) Alloy 600	2.4816	-	-	N06600
B585	NiMo22Mo9Fe5	(Inconel [®]) Alloy 625	2.4856	-	-	N06625
B600	NiCr20	Brightray [®] , Tophet [®]	2.4869	-	-	N06003
B610	NiCr20Al2.5Cu2mn1Si1	Evanohm [®]	2.4872	-	-	-
B620	NiMo16Cr15W	Inconel [®] (Hastelloy [®]) Alloy C-276	2.4819	-	-	N10276
B635	NiCr19Fe17Nb5Mo3Co	Inconel [®] (Hastelloy [®]) Alloy 718	2.4668	-	-	N07718
Aluminium alloys						
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) Mill hard.	3.1355	AW-2024	-	AA2024
B730	AlMgSi1	(Anticorodal) Mill hard.	-	AW-6082	-	AA6082
B760	Pure Aluminium	Al 99.5%	3.0275	AW-1050	-	-



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LMSA	Description		N° DIN	EN	AISI	UNS
Iron & Unalloyed Structural Steels						
C100	RFe80	Soft magnetic Iron, (Iron 04)	1.1014	-	-	-
C200	Ck60 - proprietary	LMSA Proprietary chemical composition (H4)	1.1221	C60E	-	~G10640
C230	Ck101	Ck101, (H1)	1.1274	2CS100	-	G10950
C240	Ck75	Ck75, (BCM)	1.1248	2CS75	-	G10780
C320	C100 + Pb	Leaded steel C100, (HT10)	-	-	-	-
C330	140Cr3	(140Cr3, Cr3)	1.2008	-	-	-
Stainless Steels						
D100	X10CrNi18-8	X12CrNi18-8	1.4310	-	~301	S30100
D101	X10CrNi18-8	X12CrNi18-8 DIN, low nickel	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	For surgical applications, ferrite-free ASTM F138-139 and ISO 5832-1. 316LVM	1.4441	-	~316LV M	-
D347	AM 350	Hardenable with good weldability	-	-	633	S35000
Maraging Steels						
E100	X2NiCoMo18-9-5	Durnico® - Maraging Stahl / Durimphy®	1.6358	-	-	K93160
E150	X2NiCoMo18-16-5	Phytime® - Maraging Stahl	-	-	-	-
E200	X2NiCrMoTi10-10-5	Durinox® - Maraging Stahl / Ultrafort® 6908	1.6908	-	-	-
Superalloy (high strength and corrosion resistant Cobalt Alloy)						
E300	Co40Cr20Ni16Mo7	Phynox®, Elgiloy® - Medical Grade	-	-	-	R30003
E400	CoNi35Cr20Mo10	MP35N®, ASTM F562 / ISO 5832-6	-	-	-	R30035
Magnetic alloys						
C100	RFe80	(Iron04)	1.1014	-	-	-
F105-7	Mu-métal	Mu-métal - Mumetall®	-	-	-	-
F115	FeNi36	Supra 36®				
F112	FeNi48	Supra 50®				
F110	Permenorm®	Permenorm® 5000 V5	-	-	-	-
Other alloys						
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	Titanium Grade 1	Pure Titanium (Grade 1)	3.7025	-	-	R50250
F161	Titanium Grade 1 M	Pure Titanium (Grade 1) ASTM-F67 - Medical	3.7025	-	-	R50250
F162	Titanium Grade 2	Pure Titanium (Grade 2)	3.7035	-	-	R50400
F163	Titanium Grade 2 M	Pure Titanium (Grade 2) ASTM-F67 - Medical	3.7035	-	-	R50400
F200	Niobium	Pure Niobium	-	-	-	-
F220	Tantale	Pure Tantale ASTM B708 Grad R05200	-	-	-	R05200