

## Alloys in Strip form

LMSA	Description	N° DIN	EN	AISI	UNS	
<b>Beryllium Copper - Beryllium Nickel</b>						
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
A520	CuNi2Be - Alloy 60 <sup>®</sup> Mill hard.	Materion Brush Alloy 60 <sup>®</sup> 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
<b>Brasses - Bronzes - Nickel Silver</b>						
B200	CuZn28	Cartridge Brass (PAM) Brass 28%	2.0261	CW504L	-	-
B206	CuZn30	Cartridge Brass 30%	2.0265	CW505L	-	C26000
B210	CuZn37	Yellow Brass (Lt 63) Brass 37%	2.0321	~CW508L	-	~C27200
B215	CuZn42	Blue Brass <sup>®</sup> PNA 378	-	CW510L	-	C28500
B217	CuZn42	Blue Brass <sup>®</sup> PNA 380	-	CW510L	-	C28500
B221	CuZn38Pb2	High leaded Brass (Lt 602)	-	CW606N	-	~C35300
B230	CuZn23Al3Co	HP Brass (Lt 74)	-	CW703R	-	~C68800
B310	CuSn6	Phosphor Bronze (Bz 946)	2.1020	CW452K	-	C51900
B300	CuSn8	Phosphor Bronze (Bz 928)	2.1030	CW453K	-	C52100
B320	CuNi9Sn2	Copper Nickel Tin 725 (Bz 920)	2.0875	CW351H	-	C72500
B330	CuSn3Zn9	Tin Brass (Bz 902)	-	CW454K	-	~C42500
B400	CuNi12Zn24	Nickel Silver (M12)	2.0730	CW403J	-	~C75700
B410	CuNi18Zn20	Nickel Silver (M18)	2.0740	CW409J	-	~C76400
B440	Cu56Ni25Zn19 -	ARCAP <sup>®</sup> AP1C	-	-	-	C79360
B450	Cu64Ni25Zn11	ARCAP <sup>®</sup> AP1	-	-	-	-
<b>Copper and other Copper Alloys</b>						
B100	Cu-ETP	E-Cu58 / Cu a1 (Cu 99)	2.0060	CW004A	-	C11000
B109	Cu-OFE	Pure Copper	-	-	-	C10100
B110	Cu-OF	OF-Cu / Cu c1	2.0040	CW008A	-	C10200
B130	STOL <sup>®</sup> 76	CuNi1.3Si0.25	-	-	-	C19010
B135	STOL <sup>®</sup> 76M	CuNi1.3Si0.25	-	-	-	C19002
B145	STOL <sup>®</sup> 78	CuMg0.6	-	-	-	C18665
B500	CuNi30Mn1Fe	Copper Nickel 30%	2.0882	CW354H	-	~C71500
B520	CuNi44Mn1 - Konstantan	Konstantan, Vernicon	2.0842	-	-	~C72150
B860	CuNi15Sn8 - BF.158	Materion BrushForm 158	-	-	-	C72900
B865	CuNi15Sn8 - BF.158 Mill hard	Materion BrushForm 158 Mill hard	-	-	-	C72900
<b>Nickel and nickel alloys</b>						
B540	Nickel	Ni 201 / Ni 200	2.4066 2.4060	-	-	N02201 N02200
B541	Nickel	Ni 200	2.4068	-	-	N02200
B542	Pure Nickel 99.8%	Ni 99.8%	2.4061	-	-	N02201
B560	NiCu30Fe	(Monel) Alloy 400	2.4360	-	-	N04400
B580	NiCr15Fe	(Inconel) Alloy 600	2.4816	-	-	N06600
B585	NiCr22Mo9Nb	(Inconel), Alloy 625	2.4856	-	-	N06625
B600	NiCr20	Brightray <sup>®</sup> , Tophet <sup>®</sup>	2.4869	-	-	N06003
B610	NiCr20Al2.5Cu2Mn1Si1	Evanohm <sup>®</sup>	2.4872	-	-	-
B620	NiMo16Cr15W	Inconel (Hastelloy) Alloy C-276	2.4819	-	-	N10276
B635	NiCr19Fe17Nb5Mo3Co	Inconel (Hastelloy) Alloy 718	2.4668	-	-	N07718
B650	NiCr21Mo14W	Inconel (Hastelloy) Alloy C-22	2.4602	-	-	N06022

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<b>Aluminium alloys</b>						
B760	Pure Aluminium	Al 99.5%	3.0275	AW-1050	-	-
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
<b>Iron &amp; Unalloyed Structural Steels</b>						
C100	RFe80	Soft magnetic Iron, (Iron 04)	1.1014	-	-	-
C200	Ck60	LMSA Proprietary chem. 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	-	-	-
<b>Stainless Steels</b>						
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 (St40)	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.	1.4441	-	~316LVM	-
D347	AM 350	Hardenable with good weldability	-	-	633	S35000
<b>Maraging Steels</b>						
E100	X2NiCoMo18-9-5	Durnico® - Maraging Steel / Durimphy®	1.6358	-	-	K93160
E150	X2NiCoMo18-16-5	Phytime® - Maraging Steel	-	-	-	-
E200	X2NiCrMoTi10-10-5	Durinox® - Maraging Steel / Ultrafort® 6908	1.6908	-	-	-
<b>Superalloy (high strength and corrosion resistant Cobalt Alloy)</b>						
E300	Co40Cr20Ni16Mo7	Phynox®, Elgiloy - Medical Grade	-	-	-	R30003
E400	CoNi35Cr20Mo10	MP35N®, ASTM F562 / ISO 5832-6	-	-	-	R30035
F135	Duratherm® 600	-	2.4781	-	-	-
<b>Magnetic alloys</b>						
C100	RFe80	(Iron 04)	1.1014	-	-	-
F105	Mumetall®	Mumetall®	-	-	-	-
F107	Mumetal-Permimphy	Permimphy®	-	-	-	N14080
F112	FeNi48	Supra 50®	-	-	-	-
F110	Permenorm®	Permenorm® 5000 V5	-	-	-	-
<b>Other alloys</b>						
F102	Alloy 902 (Thermelast®)	Alloy 902 (Thermelast®)	-	-	-	N09902
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
F240	FeNi36	Ni36 (Invar)	1.3912	-	-	K93600
F260	NiCo29-18	Kovar, Nilo K	1.3981	-	-	K94610
F300	FeCr20Al5	Aluchrom	1.4767	-	-	-

### Alloys Bars & Wire

<b>LMSA</b>	<b>Description</b>		<b>N° DIN</b>	<b>EN</b>	<b>AISI</b>	<b>UNS</b>
G100	CuBePb2 - Alloy M25	Alloy M25 Materion	2.1248	CW102C	-	C17300
G150	CuBePb2 - Alloy M25 treated	Alloy M25 Materion - treated	2.1248	CW102C	-	C17300
G200	CuBe2 - Alloy 25	Alloy 25 Materion	2.1247	CW101C	-	C17200
G250	CuBe2 - Alloy 25 treated	Alloy 25 Materion - treated	2.1247	CW101C	-	C17200
G505	CuNi15Sn8 - Toughmet® 3	Alloy Toughmet® 3 Materion	-	-	-	C72900
G506	CuNi15Sn8-Toughmet® 3 treated	Alloy Toughmet® 3 Materion - treated	-	-	-	C72900