

MAGNESIUM (Mg) BASE																			PURE MAGNESIUM																			DISC		
		Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	RE	Ce	Mg	Others/Set Only	Size	Type	Alloy																
202-HS48737-1	%							0.0036	0.0019							0.0001						Y	Ø40mm	CRM																
202-HS48737-2	%		0.018				0.00041	0.023	0.044		0.00025		0.0082			0.0001						Y	Ø40mm	CRM																
202-HS48737-3	%		0.046				0.00027	0.028	0.022				0.0039									Y	Ø40mm	CRM																
202-HS48737-4	%		0.011				0.0024	0.036	0.038		0.0069		0.012			0.0036						Y	Ø40mm	CRM																
202-HS48737-5	%		0.073				0.03	0.071	0.064		0.0022		0.031			0.033						Y	Ø40mm	CRM																
202-HS48737-6	%		0.049				0.032	0.089			0.0085		0.03			0.055						Y	Ø40mm	CRM																
341-MGP1	%	<0.001	0.013		<0.001	<0.0005	<0.0006	0.027	0.0037		<0.002	0.005	0.005	<0.001		0.002	<0.0002							Ø45x20mm	CRM	C														
341-MGP2	%	0.003	0.065		0.014	0.006	0.012	0.006	0.012		0.003	0.006	0.031	0.001		0.012	0.001		0.002			La 0.002		Ø45x20mm	CRM	C														
341-MGP3	%	0.013	0.09		0.053	0.015	0.03	0.014	0.015		0.005	0.015	0.05	0.016		0.019	0.002		0.006			La 0.004		Ø45x20mm	CRM	C														
341-MGP4	%	0.021	0.024		0.028	0.008	0.01	0.005	0.011		0.003	0.006	0.04	0.007		0.015	0.03		0.004			La 0.003		Ø45x20mm	CRM	C														
407-R0-90	ppm		20		<0.5	<0.5	6	98	14		13	4	15			37						P <1		Ø64x13mm	RM															
407-R1-88	ppm		59				13	251	542		6		44			3									Ø64x13mm	RM														
407-R2-88	ppm		118				28	294	272		27		91			11									Ø64x13mm	RM														
407-R3-88	ppm		194				67	298	197		13		139			153									Ø64x13mm	RM														
407-R4-88	ppm		259				98	359	111		16		227			271									Ø64x13mm	RM														
407-R5-88	ppm		473				150	274	61		12		362			520									Ø64x13mm	RM														
407-RMGH-88	ppm		535				55	222	12		41		209			112									Ø64x13mm	RM														
407-RMGL-88	ppm		55				8	31	298		3		4			73									Ø64x13mm	RM														
407-RMGL-93	ppm		<5				12	32	5		5		2			13									Ø64x13mm	RM														
407-RNA-89	ppm				3					33		19										K <0.5			Ø64x13mm	RM														
407-RPD-89	ppm		69		14	24	9	318	145	8	3	52	46			3						K <0.5 P 57			Ø64x13mm	RM														
407-RT400-95	ppm		139		2	<1	32	401	159	33	12	15	65			9						K <1 P 17			Ø64x13mm	RM														
407-RT500-96	ppm		132		3	<1	31	274	190	27	11	15	81			9						K <1 P 41			Ø64x13mm	RM														
407-RTC-90	ppm		55		4	<1	11	309	702	1	12	20	13			27						P 27			Ø64x13mm	RM														
MAGNESIUM ALLOY																			MgAgRE																					
		Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	RE	Ce	Mg	Others/Set Only	Size	Type	Alloy																
341-MGL1	%	1.4	0.003				0.002	0.001	<0.01		<0.002	<0.001	<0.005	0.006	0.35	<0.002	0.65	1.5				RE is Nd rich RE.			Ø40x15mm	RM	C													
341-MGL2	%	2.4	0.003				0.01	<0.001	<0.01		<0.002	<0.001	<0.005	<0.005	0.7	<0.002	0.5	1				RE is Nd rich RE.			Ø40x15mm	RM	C													
341-MGL3	%	3	0.003				0.03	0.002	<0.01		<0.002	<0.001	<0.005	<0.005	1.2	<0.002	0.4	1.2				RE is Nd rich RE.			Ø40x15mm	RM	C													
341-MGL4	%	0.005	0.02				0.05	0.02	0.2		0.01	<0.001	0.01	0.009	1.3	0.2	<0.005	1.3				RE is Nd rich RE.			Ø40x15mm	RM	C													
MAGNESIUM ALLOY																			MgAl																					
		Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	RE	Ce	Mg	Others/Set Only	Size	Type	Alloy																
407-A8-H98	%		9.89	0.0021			0.0229	0.0179	0.074		0.0115	0.0101	0.31	0.0101		2.04									Ø64x13mm	RM														
407-A8-L-88	%		4.74	0.0003			0.0009	0.0031	0.44		0.0003		0.0038			0.201									Ø64x13mm	RM														
407-A8-L98	%		2.62	0.0005			0.0009	0.0019	0.51		0.0012	0.0016	0.007	0.0009		0.1									Ø64x13mm	RM														
407-A91-H-91	%		10.01	0.0025			0.0183	0.0189	0.061		0.0061		0.0376			1.349									Ø64x13mm	RM														
407-A91-L-91	%		7.49	0.0003			0.0011	0.0021	0.43		0.0005		0.0051			0.21									Ø64x13mm	RM														
407-A91-X-91	%		9.74				0.0051	0.0121	0.141		0.0011		0.0232			0.936									Ø64x13mm	RM														
407-A91-Y-91	%		7.93	0.0006			0.0052	0.0044	0.26		0.0028		0.0049			0.431									Ø64x13mm	RM														
MAGNESIUM ALLOY																			MgAlSi																					
		Al	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	RE	Ce	Mg	Others/Set Only	Size	Type	Alloy																
407-A41-H-91	%	5.61		0.0012			0.0194	0.0038	0.387		0.0062		1.56			0.319									Ø64x13mm	RM														
407-A41-L-91	%	1.81		0.0005			0.0027	0.0154	0.095		0.0009		0.234			0.011									Ø64x13mm	RM														
407-A41-T-91	%	4.23		0.0012			0.011	0.0047	0.284		0.0011		0.846			0.154									Ø64x13mm	RM														
407-A41-X-91	%	5.16		0.0015			0.0173	0.0061	0.41		0.0029		0.924			0.21									Ø64x13mm	RM														
407-A41-Y-91	%	5.45		0.0011			0.0013	0.0082	0.193		0.0005		0.0167			0.071									Ø64x13mm	RM														

MAGNESIUM (Mg) BASE				MAGNESIUM ALLOY							MgAlZn							DISC							
	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy		
341-MGA1H	%	3.83	0.0005	0.007		0.148	-0.02	0.2		0.008	0.017	0.17	0.091		1.39							Ø 45x20mm	CRM	C	
341-MGA1J	%	5.4		0.032		0.21	0.02	0.06		0.022	0.013	0.21	0.07		1.26	-0.002			R			Ø 45x20mm	CRM	C	
341-MGA2	%	7.19		-0.005		0.12	0.011	0.15		0.003	0.006	0.13	0.05		0.95	<0.001			R			Ø 45x20mm	CRM	C	
341-MGA3	%	8.97		0.0005		0.006	0.004	0.14		0.001	0.004	0.05	0.0026		0.7	<0.001			R			Ø 45x20mm	CRM	C	
341-MGA4	%	0.018	11.5	0.0011	0.03	0.061	0.008	0.008		0.004	0.004	0.03	0.01		0.005				R			Ø 45x20mm	CRM	C	
341-MGA5	%	0.003	8.02		0.011	0.0037	0.02	0.006	0.4	0.021	0.064	0.11	0.012		0.4					Sr 0.0003		Ø 43x20mm	CRM	C	
341-MGB1C	%	0.03	2.34	0.0006	0.001	0.195	0.006	0.61		0.012	0.01	0.14	0.012		1.71	-0.001			R			Ø 45x20mm	CRM	C	
341-MGB1D	%	0.03	2.39	0.0007	0.41	0.07	0.2	0.016	0.68	0.012	0.01	0.17	0.011		1.71	<-0.005		0.015		La 0.013		Ø 45x20mm	CRM	C	
341-MGB2	%		3.38			0.1	0.017	0.34		0.006	0.01	0.07	0.01		0.9	<0.002			R			Ø 45x20mm	CRM	C	
341-MGB3	%	-0.002	3.21	0.003	0.029	0.021	0.007	0.012		0.0019	0.004	0.011	0.005		0.6	<0.001			R			Ø 45x20mm	CRM	C	
341-MGB4	%		4.2			0.05	0.01	0.004		<0.002	<0.002	0.04	<0.002		0.32	<0.01			R			Ø 45x20mm	CRM	C	
407-A31-L-91	%		1.91	0.0003		0.0037	0.0041	0.408		0.007		0.021			0.202							Ø64x13mm	RM		
407-A31-T-91	%		3.06	0.0017		0.0355	0.0103	0.256		0.0052		0.151			1.098							Ø64x13mm	RM		
407-A31-X-91	%		3.51	0.0029		0.0475	0.0138	0.116		0.0071		0.263			1.455							Ø64x13mm	RM		
407-A31-Y-91	%		2.37	0.0007		0.0124	0.0073	0.327		0.0041		0.0258			0.616							Ø64x13MM	RM		
407-APE-89	%		10.24	0.0018	0.0005	0.0061	0.0298	0.0149	0.058	<0.0001	0.0055	0.0057	0.086	0.0062	1.44						K <0.0001 P 0.0063		Ø64x13mm	RM	
407-AZ111-90	%			0.0014		0.0027	0.0112			0.0009		0.0087										Ø64x13mm	RM		
407-AZ61-H-91	%		7.45	0.0048		0.0301	0.014	0.04		0.0413		0.32			1.466							Ø64x13mm	RM		
407-AZ61-L-91	%		4.92	0.0004		0.0021	0.0044	0.502		0.0038		0.027			0.112							Ø64x13mm	RM		
407-AZ61-T-91	%		6.23	0.0013		0.0184	0.0088	0.243		0.0188		0.166			0.82							Ø64x13mm	RM		
407-AZ61-X-91	%		6.65	0.0021		0.0245	0.0154	0.127		0.0339		0.243			1.223							Ø64x13mm	RM		
407-AZ61-Y-91	%		5.56	0.0006		0.0116	0.0053	0.355		0.0107		0.087			0.467							Ø64x13mm	RM		
407-AZ63-89	%		6.05	0.0012	0.0002	0.0054	0.0234	0.0082	0.164	0.0005	0.0032	0.0052	0.0055		3.71						K <0.0001 P 0.0069		Ø64x13mm	RM	
407-AZ63-X-90	%		6.33	0.0014		0.0192	0.0131	0.0103	0.16	0.0002	0.0016	0.0182	0.0616	0.0169	3.21							Ø64x13mm	RM		
407-K0-87	%		1.03	0.0005		0.0022	0.0043	0.489		0.0005		0.0076			0.05							Ø64x13mm	RM		
407-K2-87	%		6.14	0.0012		0.0041	0.0129	0.165		0.0016		0.018			0.32							Ø64x13mm	RM		
407-K3-87	%		7.36	0.0011		0.0084	0.0097	0.28		0.0028		0.03			0.51							Ø64x13mm	RM		
407-K5-87	%		8.11	0.0001		0.0462	0.0009	0.351		0.0116		0.083			1.07							Ø64x13mm	RM		
407-K7-87	%		9.4	0.0008		0.0047	0.0104	0.027		0.0017		0.046			0.62							Ø64x13mm	RM		
407-K8-87	%		10.32	0.0007		0.0041	0.0127	0.19		0.0015		0.018			0.73							Ø64x13mm	RM		
407-LT500-98	%		9.16	0.0013		0.0056	0.0058	0.31		0.0022	0.0024	0.0185	0.0027		0.89							Ø64x13mm	RM		
VARIOUS																									
121-C3681G	%	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy	
121-C3731D	%		6.17				0.19		0.17				0.47			3.32				R		Ø 64x6mm	RM	C AZ63	
121-C7643	%		7.66				0.011		0.12		0.012		0.093			2.62				R		Ø 64x6mm	RM	C AZ63	
121-C8209	%		-3				0.026		0.32		0.0005		0.14			-1				R		Ø 64x6mm	RM	C AZ31	
121-C8211	%		2.55				0.012	-0.02	0.15		0.001		0.058			0.18				R		Ø 64x6mm	RM	C	
121-C821D	%		2.07				0.33	-0.02	0.2		0.007		0.9			0.23				R		Ø 64x6mm	RM	C	
121-C3681D	%		5.99				0.19		0.16				0.47			3.32				R		Ø 64x6mm	RM	C AZ63	
121-D3738	%		10.38				0.031		0.21		0.004		0.085			0.32				R		Ø 64x6mm	RM	C AM100	
121-D3739	%		9.36				0.021		0.27		0.004		0.095			2.22				R		Ø 64x6mm	RM	C AZ92	
MAGNESIUM ALLOY																									
											MgMn														
341-MGE1	%	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy	
341-MGE2	%	0.015	0.4	<0.0005	0.04		0.044	0.01	0.76		-0.002	0.01	0.006	0.013		0.033	-0.0013			R		Ø 45x20mm	CRM	C	
341-MGE3	%	0.005	0.015		0.13	0.001	0.012	0.004	2.36		0.0023	0.005	0.01	0.0057		0.022	<0.001			R		Ø 45x20mm	CRM	C	
407-AM-5002-91	%		4.92	0.0004	<0.0001	<0.5a	0.0121	0.0068	0.189		0.0022		0.0722			0.054						Ø64x13mm	RM		
407-AM2001-91	%		1.99	0.0009			0.0235	0.0036	0.44		0.0011		0.0831			0.088						Ø64x13mm	RM		
407-AM60-T89	%		5.86				0.0013	0.0041	0.294	0.0004	0.0007					0.017						Ø64x13mm	RM		
407-M12-X-91	%		0.094	0.0003			0.0271	0.0015	2.18		0.0051	0.0169	0.0128	0.0457		0.251						Ø64x13mm	RM		

MAGNESIUM (Mg) BASE				MAGNESIUM ALLOY							MgMn							DISC					
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
121-SMD3A	%	0.08				0.032		1.69		0.002		0.034			0.058				R		Ø 64x6mm	RM	C
121-C7510	%					0.019				0.001					3.04	0.11			R		Ø 64x6mm	RM	C
121-C8016	%	0.03				0.07		-1.3		0.011		0.064			0.11				R		Ø 64x6mm	RM	C
121-E1273	%					0.022		0.41		0.002					2.87	0.54	-3.6	1.86	R		Ø 64x6mm	RM	C
MAGNESIUM ALLOY				MgRE																			
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
121-C7489	%	0.001				0.004		0.012		0.015		0.002				0.46	-5	2.57	R		Ø 64x6mm	RM	C EK41
121-C7514	%	0.002				0.12		0.012		0.002		0.002			0.42	-4.7	2.47	R			Ø 64x6mm	RM	C
121-C7546	%	0.003				0.058		0.039		0.004		0.001			0.34	-3	1.63	R			Ø 64x6mm	RM	C
121-C7548	%	0.004				0.022		0.035		0.001		0.002			0.16	-4.8	2.66	R			Ø 64x6mm	RM	C
121-C7594	%	0.003				0.08		0.033		0.001		0.002			0.31	-6	3.22	R			Ø 64x6mm	RM	C
MAGNESIUM ALLOY				MgZn																			
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
341-MGC1	%	0.006	<0.002	<0.0002		0.056	-0.0014	0.01		-0.0008	0.01	<0.005	<0.002		2.54	0.74			R		Ø 40x15mm	CRM	C
341-MGC2	%	0.004	<0.002	<0.0002		0.032	-0.0013	0.01		<0.001	0.006	-0.004	<0.002		4.35	0.66			R		Ø 40x15mm	CRM	C
341-MGC3	%	0.001	0.011	-0.0002		0.009	-0.001	0.02		0.006	0.003	-0.003	<0.002		4.97	0.13			R		Ø 40x15mm	CRM	C
341-MGC4	%	0.0074	0.039	0.0001	<0.001	0.0023	0.006	0.167		0.01	0.003	0.06	0.021		6.8	<0.001			R		Ø 40x15mm	CRM	C
																				Sr 0.0001			
341-MGD1	%		0.063		0.009	0.089	0.019	1.49		0.012	0.008	0.039	<0.005		0.67	<0.0002			R		Ø 40x15mm	CRM	C
341-MGD2	%		0.3		<0.005	0.08	0.014	0.74		0.008	0.012	0.07	0.011		1.13	<0.01			R		Ø 40x15mm	CRM	C
341-MGD3	%	0.004	0.041	0.0003	-0.07	0.058	0.023	0.28		0.002	0.009	0.02	0.007		1.97	0.029		0.004	R	La 0.004	Ø 40x15mm	CRM	C
341-MGD4	%		<0.01			0.004	0.004	0.003		<0.001	<0.003	0.005	<0.005		2.51	0.57			R		Ø 40x15mm	CRM	C
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
121-SM176	%		0.19			0.03		-0.2				-0.1			-3				R		Ø 64x6mm	RM	C
MAGNESIUM ALLOY				MgZnRE																			
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
121-D1072	%														2.02	-0.5	-3.4		R		Ø 64x6mm	RM	C EZ33
121-D1073	%														3.23	-0.6	-3.7		R		Ø 64x6mm	RM	C
121-D1074	%														-2.7	0.42	-3.4		R		Ø 64x6mm	RM	C
121-D1075	%														-2.7	0.64	-3.7		R		Ø 64x6mm	RM	C
121-E1272	%					0.026		0.45		0.003					2.58	0.54	-3.3	1.79	R		Ø 64x6mm	RM	C
341-MGF4	%		0.01		0.003	0.03	0.01	0.01		0.001	0.001	0.001	<0.001		4.06	0.05	1.32	0.7	R	"Misch" metal RE	Ø 40x15mm	RM	C
MAGNESIUM ALLOY				CONTROL CHART SAMPLES																			
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
084-CMG2	%		5.7			0.001	0.006	0.001	0.2	0.001	0.001	0.001	0.01		0.8	0.004			93		Ø50x30mm+	RM	
MAGNESIUM				SETTING-UP SAMPLES (SUS)																			
VARIOUS	Ag	Al	Be	Ca	Cd	Cu	Fe	Mn	Na	Ni	Pb	Si	Sn	Th	Zn	Zr	R E	Ce	Mg	Others/Set Only	Size	Type	Alloy
084-RMG11	%					<0.002	<0.003	<0.01		<0.001		<0.01							-99.9		Ø 50x50mm	SUS	W
084-RMG13	%		5.7		0.001	0.006	0.001	0.2	0.001	0.001	0.001	0.01	0.001		0.8	0.004					Ø40x40mm	SUS	
084-RMG14	%		7.9	0.002		0.3	0.003	0.4		0.04	0.08	0.08	0.08		1	<0.01					Ø40x40mm	SUS	
341-MGSUS1	%	0.007	0.04	0.0001	<0.001	0.002	0.005	0.17		0.001	0.003	0.06	0.02		6.8						Ø45x50mm	SUS	C
341-MGSUS2	%	0.005	8	0.0015	0.015	0.004	0.02	0.005	0.4	0.02	0.04	0.12	0.01		0.4						Ø45x50mm	SUS	C

