



ZINC (Zn) BASE				PURE ZINC				SPELTER											DISC/BLOCK				
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
054-5016-89	%	0.0027		0.0013		0.0009	0.0024					0.094	0.012		0.0016						Ø40x35mm	CRM	
054-5017-89	%	0.001		0.0027		0.0017	0.0014					0.028	0.024		0.0029						Ø40x35mm	CRM	
054-5018-89	%	0.0054		0.008		0.0041	0.0045					0.12	0.04		0.0064						Ø40x35mm	CRM	
054-5019-89	%	0.0001				0.0063	0.012					0.0028			0.0009						Ø40x35mm	CRM	
054-5020-89	%			0.097		0.047						1	0.11		0.021						Ø40x35mm	CRM	
054-5021-89	%	0.0013		0.13								0.37									Ø40x35mm	CRM	
054-5022-89	%	0.0003		0.14		0.019	0.023								0.008						Ø40x35mm	CRM	
054-5023-89	%			0.032			0.08					2.1	0.075		0.023						Ø40x35mm	CRM	
331-631	%	<0.0005	0.5	0.0002	0.0001	0.0013	0.005	0.0023	<0.001	0.00015	<0.0005	0.001		0.002	0.0001			R	Ca <0.001 Ga (0.002)	44x44x19mm	CRM	C	
361-SP5	%		0.005	<0.0005		0.0004	0.001		<0.0005			0.0003	<0.0005		0.001			R		Ø 37x12mm	RM	C	
				ZINC ALLOY				GALVANISING															
	As	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
341-GLV1	%	<0.001	0.119	0.0026	0.0096	0.003	0.059				0.0141	0.056	<0.001		0.01						Ø50x20mm	RM	C
341-GLV2	%	<0.001	0.07	0.017	0.0026	0.0053	0.048				0.0071	0.214	0.007		0.003						Ø50x20mm	RM	C
341-GLV3	%	<0.001	0.32	0.0011	0.021	0.019	0.012				0.03	0.003	0.048		0.006						Ø50x20mm	RM	C
341-GLV4	%	<0.001	0.205	0.0053	<0.0005	0.0009	0.017				0.049	0.004	0.024		0.002						Ø50x20mm	RM	C
341-GLV5	%	0.004	0.014	0.0105	0.014	0.0116	0.097				0.0029	0.019	0.163		0.02						Ø50x20mm	RM	C
				ZINC ALLOY				ZnAl															
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
054-M1611	%		2.9	0.014		0.18	0.11		0.069					0.015	0.0097						Ø40x25mm	CRM	
054-M1612	%		3.15	0.009		0.074	0.021		0.055						0.005						Ø40x25mm	CRM	
054-M1613	%		3.78	0.0078		0.062			0.03					0.012	0.003						Ø40x25mm	CRM	
054-M1614	%		4.46	0.0043		0.053	0.031		0.02					0.035	0.0036						Ø40x25mm	CRM	
054-M1615	%		5.63	0.0048		0.086			0.0082					0.047	0.0022						Ø40x25mm	CRM	
191-351	%		4.35	<0.21a		12.13a		<0.2a	131a		(1.9)a	4.5a			<1a		0.74a	R			Ø 80x20mm+	CRM	C
191-352	%		4.15	2.88a		31.26a		3.02a	283a		6.74a	(6.4)a			3a		3.2a	R			Ø 80x20mm+	CRM	C
191-353	%		3.95	10.44a		100a		2.55a	452.5a			24.4a			5.6a		3.95a	R			Ø 80x20mm+	CRM	C
191-354	%		3.72	29.7a		312.3a		9.8a	602a		83.1a	30.8a			14.1a		11.01a	R			Ø 80x20mm+	CRM	C
191-355	%		3.44	58.1a		1035a		24.6a	786a		268a	56.9a			29.1a		23.25a	R			Ø 80x20mm+	CRM	C
331-1736	%		0.3076										0.0029								Ø50x12mm	CRM	
331-1737	%		0.6302										0.0029								Ø50x12mm	CRM	
331-1738	%		0.1014										0.0101								Ø50x12mm	CRM	
331-1739	%		0.2049										0.0302								Ø50x12mm	CRM	
331-1740	%		0.4177										0.069								Ø50x12mm	CRM	
331-1741	%		0.5242										0.1571								Ø50x12mm	CRM	
331-1742	%		0.7917										-0.0024								Ø50x12mm	CRM	
341-Z1/42	%		4.69	<0.001		<0.002	0.006		0.001	<0.001	<0.001	0.004			<0.002			R			Ø 40x15mm	RM	C
341-Z2/42	%		4.4	<0.001		0.017	0.003		0.017	0.005	<0.001	0.005			<0.002			R			Ø 40x15mm	RM	C
341-Z3/42	%		4.04	0.005		0.08	0.007		0.04	0.011	<0.001	0.008			0.004			R			Ø 50x20mm	RM	C
341-Z4/42	%		3.51	0.008		0.063	0.014	0.001a	0.057	0.008	0.017	0.011	0.002		0.006		0.003	R	Ce 0.020 La 0.019		Ø 50x20mm	RM	C
341-Z5/42	%		4.2	0.0021	0.0018	0.101	0.029	0.004	0.074	0.007	0.018	0.004	0.005		-0.002		0.0056	R	Ce 0.008 La 0.006		Ø 50x20mm	RM	C
341-Z6/42	%		3.74	0.003		0.27	0.034		0.21	0.016	<0.001	0.007			0.003						Ø40x15mm	RM	

ZINC (Zn) BASE		ZINC ALLOY																	ZnAlCu	DISC/BLOCK					
		Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Ti	Zn		Others/Set Only	Size	Type	Alloy	
054-1581	%		2.94		0.033		1.42			0.011			0.035		0.014	0.011						Y	Ø40x25mm	CRM	
054-1582	%		2.9		0.0022		0.64			0.11			0.015		0.006	0.0011						Y	Ø40x25mm	CRM	
054-1583	%		3.7		0.01		0.91			0.065			0.019		0.033	0.0052						Y	Ø40x25mm	CRM	
054-1584	%		4.06		0.016		1.23			0.06			0.015		0.021	0.0066						Y	Ø40x25mm	CRM	
054-1585	%		4.63		0.0015		0.4			0.022			0.02		0.0065	0.0018						Y	Ø40x25mm	CRM	
054-1591	%		8.36		0.052		5.58						0.065		0.023	0.11						Y	Ø40x25mm	CRM	
054-1592	%		8.94		0.018		5.05						0.04		0.043	0.098						Y	Ø40x25mm	CRM	
054-1593	%		15.32		0.026		6.41			0.084			0.031		0.091	0.0074						Y	Ø40x25mm	CRM	
054-1594	%		11.4		0.034		4.08			0.024			0.019		0.059	0.016						Y	Ø40x25mm	CRM	
054-1595	%		6.93				3.11			0.022			0.028			0.0052						Y	Ø40x25mm	CRM	
071-NZA1	%		28.7		0.00098		1.51	0.046		0.02			0.003			0.0069							Ø 50x12mm	CRM	C
071-NZA2	%		23.81		0.0047		3	0.021		0.029			0.0076			0.0045							Ø 50x12mm	CRM	C
071-NZA3	%		25.99		0.0064		2	0.066		0.0049			0.0045			0.0034							Ø 50x12mm	CRM	C
071-NZA4	%		26.65		0.0029		2.45	0.027		0.0106			0.0101			0.0087							Ø 50x12mm	CRM	C
071-NZA5	%		10.85		0.0095		1.04	0.016		0.021			0.0012			0.0017							Ø 50x12mm	CRM	C
071-NZA6	%		7.54		0.0147		3.17	0.0105		0.00037			0.0809			0.0051							Ø 50x12mm	CRM	C
071-NZA7	%		13.17		0.0002		0.212	0.016		0.052			0.0136			0.0116							Ø 50x12mm	CRM	C
185-ZG1	%		3.02		0.0005		1.34	0.0083		0.074		0.0067	0.009		-0.036	0.0068						Y	Ø40x25mm	CRM	
185-ZG2	%		3.56		0.0049		0.72			0.048		0.0025	0.0065		-0.024	0.0048						Y	Ø40x25mm	CRM	
185-ZG3	%		4.01		0.0028		0.11	0.011		0.028		0.001	0.0033		-0.01	0.0006						Y	Ø40x25mm	CRM	
185-ZG4	%		4.64		0.011		-0.0089	0.016		0.0005		0.0004	0.0013		-0.0047	0.0021						Y	Ø40x25mm	CRM	
191-356	%		4.43		0.73a		0.394	31.5a	<0.2a	132.3a		3.43a	9.87a			(0.32)a		0.79a	R				Ø 80x20mm+	CRM	C
191-357	%		4.22		2.83a		0.584	25.7a	3.3a	273a		9.82a	13.8a			3.51a		2.76a	R				Ø 80x20mm+	CRM	C
191-358	%		3.94		10.22a		0.793	40.5a	7.04a	403a		26.98a	22.5a			7.87a		6.09a	R				Ø 80x20mm+	CRM	C
191-359	%		3.71		39.8a		0.989	119.7a	15.5a	557a		92.6a	36.2a			16.93a		13.34a	R				Ø 80x20mm+	CRM	C
191-360	%		3.42		59.5a		1.234			29.8a		705a	29.8a			33a		25.9a	R				Ø 80x20mm+	CRM	C
191-361	%		-4.06		(0.8)a		-0.798	10.34a	(<0.2)a				5.31a			46.3a		37.4a	R				Ø 80x20mm+	CRM	C
202-HS55701-1	%		4.72		0.00081		0.165			0.0224			0.0026			0.00058			R		OES Only		30x35x45mm	CRM	
202-HS55701-2	%		3.92		0.0014		0.256			0.159			0.0032			0.00104			R		OES Only		30x35x45mm	CRM	
202-HS55701-3	%		3.91		0.0031		0.412			0.075			0.0057			0.0021			R		OES Only		30x35x45mm	CRM	
202-HS55701-4	%		2.92		0.0072		0.773			0.0368			0.012			0.004			R		OES Only		30x35x45mm	CRM	
202-HS55701-5	%		2.64		0.0138		1.37			0.0085			0.0235			0.0077			R		OES Only		30x35x45mm	CRM	
331-625	%		3.06		0.0007	0.0128	0.034	0.036		0.07	0.031	0.0184	0.0014		0.017	0.0006			R				44x44x19mm	CRM	C
331-626	%		3.56		0.0016	0.0395	0.056	0.103		0.02	0.048	0.047	0.0022		0.042	0.0012			R				44x44x19mm	CRM	C
331-627	%		3.88		0.0051	0.0038	0.132	0.023		0.03	0.014	0.0029	0.0082		0.021	0.0042			R				44x44x19mm	CRM	C
331-628	%		4.59		0.004	0.0087	0.611	0.066		0.0094	0.0091	0.03	0.0045		0.008	0.0017			R				44x44x19mm	CRM	C
331-629	%		5.15		0.0155	0.0008	1.5	0.017		0.094	0.0017	0.0075	0.0135		0.078	0.012			R				44x44x19mm	CRM	C
331-630	%		4.3		0.0048	0.0031	0.976	0.023		0.03	0.0106	0.0027	0.0083		0.022	0.004			R				44x44x19mm	CRM	C
341-Z1/43	%		4.51		<0.001		0.53	0.008		<0.001	<0.001	0.001	0.003			0.001			R				Ø 50x20mm	RM	C
341-Z2/43	%		3.79		0.0068		1.04	0.027		0.073	0.009	0.012	0.0065	0.008	0.009	0.003			R				Ø 50x20mm	RM	C
341-Z3/43	%		3.64		0.013		1.58	0.061		0.014	0.037	0.0061	0.0132		0.005	0.0125			R				Ø 50x20mm	RM	C
341-Z4/43	%		4.32		<0.001		3.1	-0.04		0.042	0.1	0.018	0.003			<0.002			R				Ø 50x20mm	RM	C
341-Z5/43	%		3.04		0.011		6.06	0.023		0.041		0.0021	0.0045		0.003	0.0032			R				Ø 50x20mm	RM	C
341-Z11	%		12.2		0.02		0.46	0.086		0.042	0.016		0.034	0.011		0.02			R				Ø 50x20mm	RM	C
341-Z12	%		10.1		0.01		0.8	0.047		0.027	0.0061	0.004	0.0136			0.0089			R				Ø 50x20mm	RM	C
341-Z13	%		9.61		0.01		0.98	0.055		0.02	0.007	0.011	0.012	0.009		0.011			R				Ø 50x20mm	RM	C
341-Z14	%		8.23	0.011	0.005		1.23	0.015		0.0027	0.0032	0.0052	0.0082	0.012	0.01	0.005			R				Ø 50x20mm	RM	C
341-Z15	%		7.36		0.002		1.54	0.009		0.0022	0.002	0.0019	0.006			0.004			R				Ø 50x20mm	RM	C
341-Z21	%		23.5		0.01		1.8	0.12		0.47	0.0104	0.043	0.012		0.022	0.014			R				Ø 50x20mm	RM	C
341-Z22	%		27.4		0.005		2.2	-0.36		0.02	0.0096	0.027	0.006		0.038	0.0061			R				Ø 50x20mm	RM	C
341-Z23	%		31.4		0.002		2.7	-0.24		0.013	0.012	0.0115	0.0028		0.061	-0.002			R				Ø 50x20mm	RM	C

ZINC (Zn) BASE					ZINC ALLOY					ZnCd					DISC/BLOCK								
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
341-ZNCD30	%	0.046	<0.001	0.052	30.9		0.046	0.002			0.001	0.09	1.03		0.051						Ø40x15mm	RM	C
ZINC ALLOY					ZnAlSb																		
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
341-Z1/44	%	8	0.024	0.027		0.028	0.007		0.001			0.019	10.6		0.024						Ø40x15mm	RM	C
341-Z2/44	%	12.6	0.03	0.005		0.003	0.007		0.035			0.053	9.5		0.018						Ø40x15mm	RM	C
341-Z3/44	%	17.8	0.013	0.013		0.011	0.009		0.005			0.02	8.1		0.019						Ø40x15mm	RM	C
341-Z4/44	%	20.3	0.016	0.011		0.007	0.011		0.008			0.032	6.7		0.018						Ø40x15mm	RM	C
341-Z5/44	%	20.4	0.004	0.001		0.001	0.01		<0.001			0.01	5.2		0.003						Ø40x15mm	RM	C
ZINC ALLOY					ZnCuTi																		
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
185-ZF1	%	0.018		0.0041		0.013	0.02					0.0012			0.013	0.0014		R		Y	Ø44x26mm	CRM	
185-ZF2	%	0.011		0.0055		0.46	0.011					0.01			0.0077	0.11		R		Y	Ø44x26mm	CRM	
185-ZF3	%	0.003				0.098	0.0018								0.0022	0.021		R		Y	Ø44x26mm	CRM	
185-ZF5	%			0.008		0.011	0.0081					0.026			0.013			R		Y	Ø44x26mm	CRM	
185-ZF4	%	0.0058		0.00053		0.86	0.00045					0.0091			0.0017	0.2		R		Y	Ø44x26mm	CRM	
341-2951ZN1	%	0.029		0.0005	0.083	0.79	0.011		0.0029	0.0013	0.0038	0.0042									Ø50x20mm	RM	
341-2951ZN2	%	0.032		0.0037	0.142	1.37	0.019		0.123	0.0011	0.0027	0.004									Ø50x20mm	RM	
341-2951ZN3	%	0.078		0.0062	0.184	1.89	0.029		0.0164	0.018	0.001	0.0065									Ø50x20mm	RM	
ZINC ALLOY					CONTROL CHART SAMPLES																		
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
084-CZN3	%	4.06		0.0058		1.19	0.0106		0.046			0.0046			0.0011			-94			Ø 40x30mm+	RM	
084-CZN4	%			0.0107		0.39	0.67					1.97			0.96			-96			Ø 40x30mm+	RM	
ZINC ALLOY					SETTING-UP SAMPLES (SUS)																		
	Ag	Al	Bi	Cd	Cr	Cu	Fe	In	Mg	Mn	Ni	Pb	Sb	Si	Sn	Ti	Tl	Zn	Others/Set Only	Size	Type	Alloy	
084-RZN11	%	<1a		<1a		3a	5a		<1a	<1a	1a	8a			<1a	<1a		99.99			Ø 40x40mm	SUS	
084-RZN12	%	0.004	0.005	0.008		0.007	0.006	0.007	0.002		0.004	0.007	0.002		0.006	0.004	0.008	-99.9	Mo 0.0007		Ø40x40mm	SUS	
084-RZN13	%	0.05	0.3	0.3		0.3	0.02	0.3	<0.001	<0.001	0.05	0.6	0.2		0.3	<0.001	0.04	97.6			Ø 40x40mm	SUS	
084-RZN14	%	0.007	10	0.02		4	0.05	<0.01	0.08	0.015	0.004	0.03	(<0.1)		0.02	0.1	0.04	85.7			Ø 40x40mm	SUS	
084-RZN15	%	<1a		<1a		3a	5a		<1a	<1a	1a	8a			<1a			80.14			Ø 40x40mm	SUS	
084-RZN16	%	0.2		0.01		0.005						0.1			0.005			-99			Ø40x40mm	SUS	

