

cast magnesium anodes



Chemical Composition (%)

	Mg	Al	Zn	Mn	Si (max)	Cu (max)	Ni (max)	Fe (max)	Other
M1C (High Potential)	Balance	0.01 max	—	0.50-1.3	0.05	0.02	0.001	0.03	0.3
AZ63-B (H1, Grade A)	Balance	5.3-6.7	2.5-3.5	0.15-0.7	0.10	0.02	0.002	0.003	0.3

Note: Chemistry per ASTM B-843.

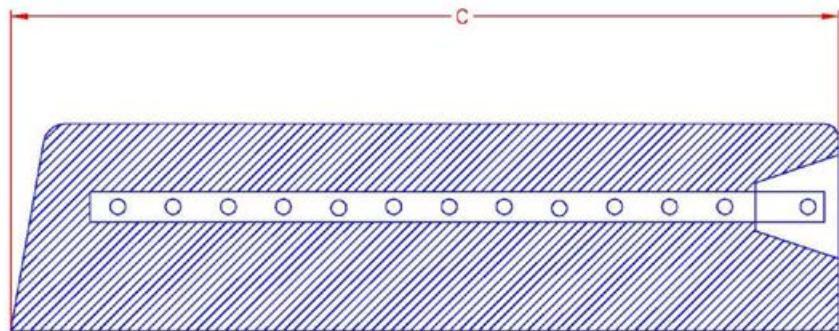
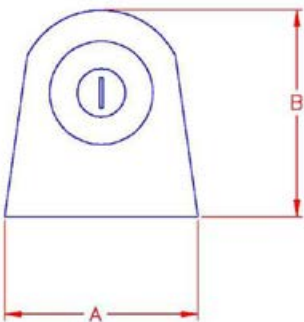
Electrochemical Properties

	Open Circuit Potential (-V to Cu/Cu SO4)	Open Circuit Potential (-V respect to SCE)	Current Efficiency (%)
M1C (High Potential)	1.750 – 1.900	1.675 – 1.825	≥ 50
AZ63-B (H1, Grade A)	1.550 – 1.650	1.475 – 1.575	≥ 50

Note: Electrochemical Properties per ASTM G97.

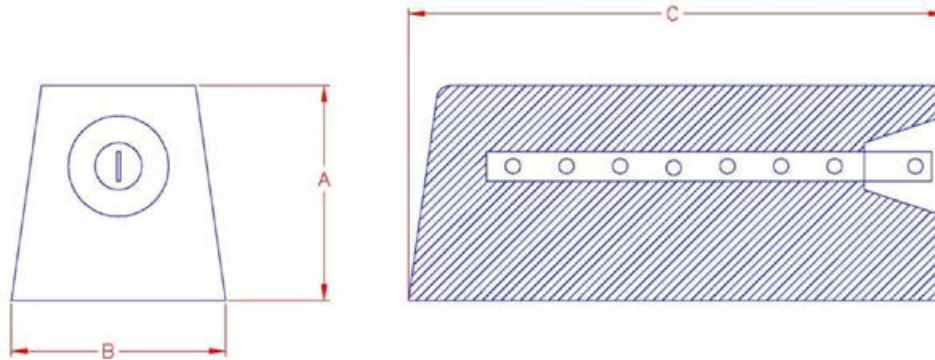
D-Type

	Dimensions			Weight (lb.)
	A (in.)	B (in.)	C (in.)	
3D3	3.5	3.8	4.8	3
5D3	3.5	3.8	7.8	5
9D3	3.5	3.8	13.6	9
17D3	3.5	3.8	25.8	17
20D2	2.6	2.6	56.3	20
32D5	5.5	5.8	19.5	32
48D5	5.5	5.8	29.3	48



S-Type

	Dimensions			Weight (lb.)
	A (in.)	B (in.)	C (in.)	
353	3	3	4.5	3
553	3	3	7.5	5
953	3	3	13.5	9
1754	4	4	17	17
3255	5	5	21	32
6054	4	4	60	60



Aqueous Series

	Configuration	Dimensions			Weight (lb.)
		A (in.)	B (in.)	C (in.)	
2R5	I	5	2	-	3
2R5	II	5	2	-	3
7.5R	III	8	8	2	7.5
15S	III	8	8	4	15
12W	IV	9	9	2	12
24W	IV	9	18	2	24
44S	IV	9	18	4	44

