



SACRIFICIAL
ANODES

ProMag H-1 Standard Potential Magnesium Anode

In average or low resistivity soil conditions, standard potential magnesium anodes (also known as H-1 or AZ63 anodes), are an excellent choice for use in cathodic protection systems.

Farwest offers the **ProMag** standard potential anode, which typically produces an open circuit potential of 1.53 to 1.60 volts with respect to CuCuSO_4 . Therefore, the driving potential of the **ProMag** anode exceeds that of aluminum or zinc but is still lower than a high potential magnesium anode.

At Farwest Corrosion, we attach a copper lead wire (size, length and insulation type as specified) to the **ProMag** anode and seal the connection interface. As normally required, the anode is packaged in a cloth bag with a prepared backfill mixture that works to maintain moisture around the anode and lowers the anode to earth resistance.

ProMag packaged anodes are shipped on pallets in plastic bags that must be removed prior to installation.



PROMAG ANODE CHEMISTRY*

Aluminum	5.3 - 6.7%
Zinc	2.5 - 3.5%
Manganese	0.15 - 0.7
Silicon	0.10 Max
Copper	0.02 Max
Nickel	0.002 Max
Iron	0.003 Max
Impurities	0.30 Max
Magnesium	Remainder

*Per ASTM B843 Industry Standard for AZ63B (H-1A) standard potential anodes. Other grades (H-1B and H-1C) are available upon request.



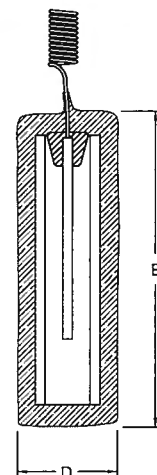
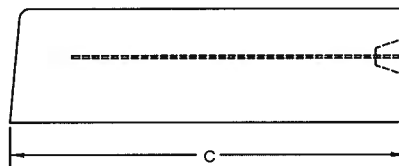
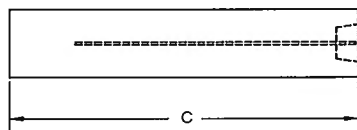
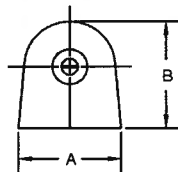
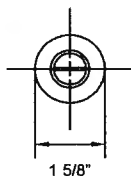
**FARWEST
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CONTROL
COMPANY**

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HOW TO ORDER

Please specify:

- The **ProMag** anode of your choice. Refer to the dimension and weight chart.
- The quantity you require.
- The lead wire gauge, stranding, length and insulation type. Our standard is 10 ft. #12 THHN solid wire, but other wire may be substituted.
- If the anode is to be provided as a bare or packaged anode. If packaged, the anode is shipped in a prepared backfill consisting of 75% gypsum, 20% bentonite and 5% sodium sulfate contained in a cloth bag.
- Any other special requirements.

Should you have any questions concerning applications for the **ProMag** anode, Farwest's team of engineers and sales professionals can assist you in the proper anode selection.

Anode Dimensions & Weights

Anode Type	Bare Weight	Packaged Weight	Bare			Packaged	
			A	B	C	D	E
1R8	1	8	1-5/8" dia		8"	3 1/4"	10"
3D3	3	12	3-1/2"	3-3/4"	5"	5-1/2"	10"
5D3	5	17	3-1/2"	3-3/4"	8"	5-1/2"	14"
9D3	9	27	3-1/2"	3-3/4"	13-7/8"	6"	17"
17D3	17	45	3-1/2"	3-3/4"	25-1/4"	6-1/2"	29"
20D2	20	70	2-3/4"	3"	59-3/4"	5-1/2"	66"
32D5	32	70	5-1/2"	5-3/4"	19-7/8"	8"	28"
40D3	40	100	3-1/2"	3-3/4"	60"	6-1/2"	66"
48D5	48	100	5-1/2"	5-3/4"	30-1/8"	8"	38"
60S4	60	126	4-3/8"	4"	60"	7"	64"

NOTE: Packaged weights and dimensions are approximate and can vary slightly.

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