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LOW POTENTIAL ALLOY

"A" - Tack Weld 3mm Ø x 25 long wire to the insert, anchor system, as shown, approximately.

Anode and Insert

730 O/L

"A"

Insert 12 Ø Galvanised Steel Round Bar

See Detail "A"

94

90

86

4 Ø

12 Ø

Minimum Bag Diameter

660

565

70

815 Minimum Tied Length

Bag Tied To Be Re-Opened

180 Ø

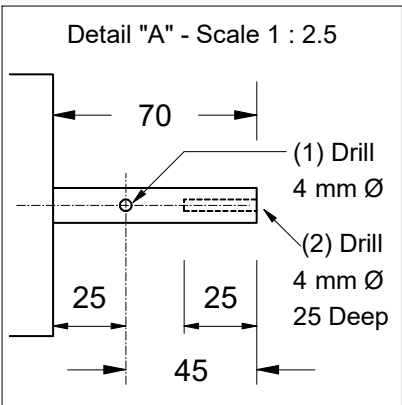
25 Minimum

50 Minimum

Magnesium Anode

"Backfill" \*

Calico (100 % COTTON) Bag



- Notes
- Anodes are cast to comply with CAA's standard casting tolerances
  - All sharp edges removed for safe handling
  - Anode insert material to meet relevant Australian/International specifications

\*\*"Backfill" Composition 45% Gypsum, 50% Calcium Bentonite, 5% Sodium Sulphate

To Suit Cable Type: 16 mm Square "SDI" - Single Core Double Insulated

Normally 10 m Cable - Red Inner & White Outer

Chemical Composition Limits			Alloy: <b>M3</b>
Element	min.	max.	
Aluminium	5.3	6.7	
Zinc	2.5	3.5	
Manganese	0.25	0.40	
Silicon	-	0.05	
Copper	-	0.05	
Iron	-	0.03	
Nickel	-	0.003	
Calcium	-	0.04	
Other Impurities	-	-	
- each	-	-	
- total	-	0.30	
Magnesium	remainder	-	

Density of Cast Magnesium Anode Alloys	
M1C (calculated mean)	1.73 g / cm <sup>3</sup>
M3 (calculated mean)	1.94 g / cm <sup>3</sup>

Anode & Insert					
Nett Weight		Gross Weight			
Kg (nominal)		Kg (nominal)			
<b>10.3</b>		<b>10.8</b>			
Rev	Details of Change(s)	Date	Initials	Verified	Initials
1	For Quotation	09 MAR 15	R.N.	09 MAR 15	J.L.
2	2 x (3 mm x 25) Wire Anchors added to insert.	21 APR 15	R.N.	21 APR 15	J.L.
4					



Cathodic Anodes Australasia

cathodicanodes.com.au

Product		<b>Magnesium Anode</b>	
Part no.	<b>CDM - 10P (M3)</b>	Scale	<b>1 : 5</b>
Drawing No:	<b>CD3941</b>	Rev	<b>2</b>
Drawn by: R Northey Date: 21 APR 2015		Sheet	<b>1 of 1</b>
All dimensions are in mm (nominal)			