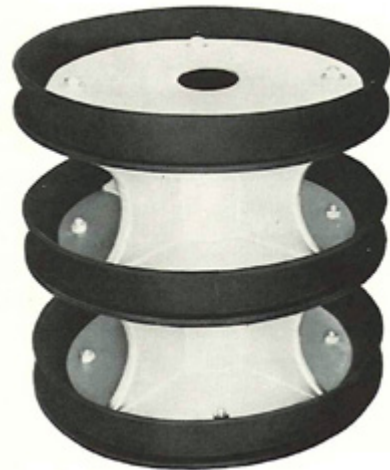
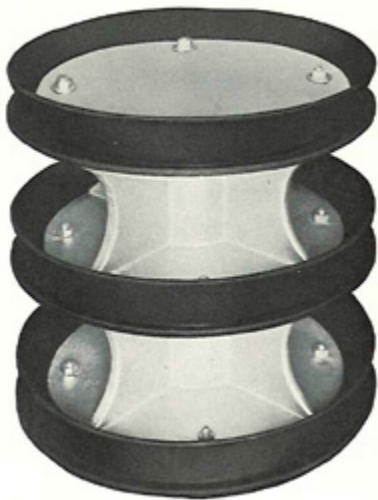




Industrial Rubber Inc.

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Industrial Rubber, Inc. Aluminum Cementing Plugs



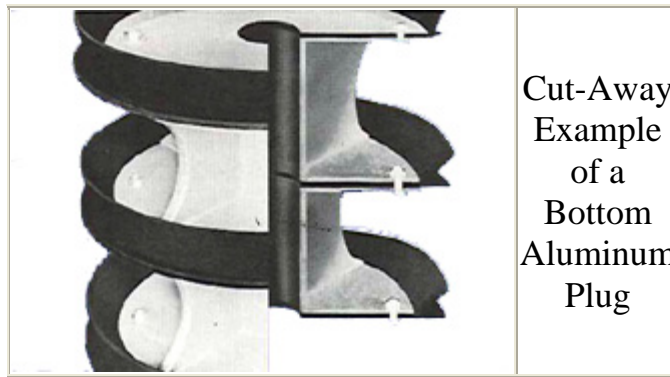
Industrial Rubber's Aluminum Cementing Plugs are engineered for strength and dependability down a Big Hole.

These Plugs permit the use of conventional cementing methods with 16, 18 5/8, and 20-Inch Casings Plugs feature three self-centering cups and wiping elements bolted to an all-aluminum core. The one-piece cup and wiper elements are of resilient 70 durometer natural rubber.

Differential pressure across the plug forces both wipers and cups firmly against the casing wall to assure a good wiping job all the way to the bottom of the hole.

The all-aluminum core eliminates distortion from pressure in a deep hole and gives solid support to a long column of cement slurry or drilling fluid. The bottom cup design provides a positive shut-off when it seats on the float. Plugs are PDC drillable.

The strength of these plugs eliminates the damage often caused to large wooden plugs by rough handling.



Cut-Away
Example
of a
Bottom
Aluminum
Plug

In the bottom plug, all rubber cups and the top plate have a center hole 3 1/2 inches in diameter, and a solid rubber diaphragm across the top-most cup will rupture when sufficient pressure is applied. In the top plug all rubber cups and the top plate are solid.

Specifications for Aluminum Cementing Plugs		
	16 Inch Plug	20 Inch Plug
Length	19 1/2"	19 1/2"
Width across cups	15 3/4"	19 7/8"
Cups	1" Thick	1" Thick
Cup Height	2 1/2"	2 1/2"
Weight	95 lbs.	117 lbs

Aluminum Cementing Plugs					
<i>Top Aluminum Plugs</i>		<i>Bottom Aluminum Plugs</i>			
		BLACK		RED	
<u>Size</u>	<u>Part Number</u>	<u>Size</u>	<u>Part Number</u>	<u>Size</u>	<u>Part Number</u>
16"	140-0160	16"	141-0160	16"	141-0160R
18 5/8"	140-0185	18 5/8"	141-0185	18 5/8"	141-0185R
20"	140-0200	20"	141-0200	20"	141-0200R
The Aluminum Alloy used in these Cementing plugs is PDC Drillable!					