

# Lincolnweld® LC-72

Mild Steel Cored Electrode • AWS EC1

## Key Features

- ▶ A cored wire designed to increase deposition rates 10-30% when used with 980 flux
- ▶ Designed to provide optimal bead shape, penetration, and slag removal in semiautomatic submerged arc welding

## Conformances

AWS A5.17/A5.17M: 1997 EC1

## Recommended Fluxes

Lincolnweld® 980™

## DIAMETERS / PACKAGING

Diameter in (mm)	50 lb (23 kg) Coil	300 lb (136 kg) Speed Feed® Reel	600 lb (272 kg) Speed Feed® Reel	600 lb (272 kg) Speed Feed® Drum
5/64 (2.0)	ED011099	EDS01186	EDS27184	EDS01187
3/32 (2.4)	ED011098			

## DEPOSIT COMPOSITION - As Required per AWS A5.23/A5.23M:2007

	%C	%Mn	%Si	%S	%P	%Cu
Lincolnweld® LC-72 <sup>(1)</sup>	0.15	1.8	0.9	0.035	0.035	0.35

# Lincolnweld® LAC-B2

Low Alloy Cored Electrode • AWS ECB2

## Key Features

- ▶ Designed to weld with either single or tandem arcs using a neutral flux
- ▶ A cost-effective choice when welding 1 1/4% chromium, 1/2% molybdenum steels where a low Bruscatto factor (X-factor) is not required

## Conformances

AWS A5.23/A5.23M: 2007 ECB2

## Recommended Fluxes

Lincolnweld® 880™, 880M®, 888™

## DIAMETERS / PACKAGING

Diameter in (mm)	50 lb (23 kg) Coil	600 lb (272 kg) Speed Feed® Drum
3/32 (2.4)	ED010954	ED019581
5/32 (4.0)	ED010955	ED019582

<sup>(1)</sup>Limits are for weld metal deposited with a particular flux (Lincolnweld® 980™ flux).

Material Safety Data Sheets (MSDS) and Certificates of Conformance are available on our website at [www.lincolnelectric.com](http://www.lincolnelectric.com)

### TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

### CUSTOMER ASSISTANCE POLICY

The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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