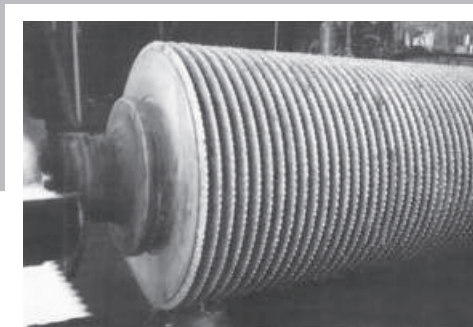


# ESSEN® 800

AC/DC+

## Arcing electrodes For Sugar Mills

### New and Improved Sugar Electrodes



#### PROPERTIES

All new and improved electrode from the manufactures of ESSEN 80 / AZUCAR 80 welding electrodes for the application of roughening of sugar mill rollers. The application of ESSEN 800 can increase the crushing rate by 20%, eliminates the need for chevrons, achieve a drop in POL%, cause reduction in bagasse humidity and reduce the wear on roller considerably. The electrode metallurgy is having complex alloying combination which generates carbides for ultimate wear resistance. Excellent globule formation..

#### MECHANICAL PROPERTIES

Hardness 61 to 65 Hrc

#### APPLICATIONS

The electrode can be used on sugar mill crushing rollers in dry or wet condition. For optimum results the globular density should be 18 to 20 globules per square inch area. While depositing, the surface speed of the roller should be between 32 to 35 f/min. The electrode is to be kept at 90° with surface of tooth with a very short arc gap-

#### WELDING PROCEDURE.

RECOMMENDED AMPERAGE	
Size	Current
3.25mm x 350 mm	110 - 180 Amps
4.00 mm x450 mm	130 - 180Amps
4.00 mm x450 mm	160 - 210Amps

PACKING	
3.25 mm x 350 mm 16/20 kg	17 pcs/kg (Approx.)
4.00 mm x 450 mm 20kg	8 pcs/kg (Approx.)
5.00 mm x 450 mm 20kg	5 pcs/kg (Approx.)



**ESSEN**  
WELDING ALLOYS PVT. LTD.



**ESSEN & AZUCAR**  
PREMIUM WELDING ALLOYS

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TM REGISTERED IN INDIA BY: M/S. ASUGAR ENGINEERS PVT. LTD.  
PUNE, VIDE REGD. T.M. NO. 543993 B.

'Sai maa', Post : Kadam Wak Wasti via Loni Kalbhor, Post P. B. No.1, Tal.: Haveli,  
Dist.: Pune 412201, INDIA TEL: +91 -20 -65781493, 26911175 26911029 FAX: +91-20-26911030  
Email: asugar@pn3.vsnl.net.in / essenelectrode@vsnl.net.in  
Website: essenelectrode.com