



## ESSEN DUR 600 ESPECIAL

Classificações: **PRODUTO ESPECIAL**

Special electrode designed for hard coating, offering deposition with excellent abrasion resistance, which prolongs the service life of a variety of equipment. It is especially used in the manufacture of parts that require high wear resistance, such as base and side locking in mill grooves, conveyor rollers, mixer blades, hammer mills, and deep drawing or cold cutting tools. This electrode is intended for restoration and protective coating against wear, providing a high deposition rate and an excellent finish weld bead. With moderate penetration, it is highly resistant to abrasion and impact. It was specially developed for application in base and side locking passes in mill grooves, being widely used in the steel, sugar-alcohol, ceramic, foundry, cement, and mining industries, among others.

### ALLOY TYPE:

C 0,50 a 2,00%	Mn 0,50 a 1,50%	Si 0,50 a 1,50%	Cr 6,00 a 8,50%
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### MECHANICAL PROPERTIES:

#### HARDNESS

53 a 58 HRC

### WELDING CURRENT:

CC+



### PRODUCT CHARACTERISTICS:

DIAMETER (mm):	LENGTH (mm):	AMPERAGE (A):	PACKAGING (kg):
2,50	350	70 a 100	5,00
3,25	350	100 a 130	5,00
4,00	450	140 a 180	5,00
5,00	450	180 a 210	5,00
6,00	450	210 a 255	5,00

### CUSTOMER SERVICE POLICY

The above information is for reference purposes only, it should not be considered as a guarantee or certificate. Many variables can influence the results of a welding operation. Uniweld Industria de Eletrodos LTDA is not responsible for any incorrect application of the product, We recommend that, if you have any questions, you contact our Technical Assistance department to Oget adequate support.