



## UNIWEELD IND. DE ELETRODOS LTDA

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### COMERCIAL DESIGNATION: **ESSEN NUT**

**PATTERN:** Special electrode for chamfer

ALLOY ELEMENTS INCLUDED

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APPLICATION FIELD	The ESSEN NUT is an electrode with a high exothermic covering, specially developed to cut, chamfer or perforate all the metals, without help of other additional equipments like oxygen, or compressed air. Presents great arch ignition and reignition characteristics, which allow chamfer and clean in a perfect way in a simple operation..															
TECHNICAL CHARACTERISTICS	<p>The ESSEN NUT is not only an electrode with excellent efficiency but also applied in maintenance and production weldings preparing junctions, where the chamfer is as important as the welding, also applied to remove undesired parts, chamfer conts in many maintenance or production tasks, remove rivets, cut the screw's head, chamfer and prepare scratched and broken areas, and also remove corroded, porosed and fatigated areas. The performance of ESSEN NUT is fast and efficient, its blowing do not let residues on the chamfered surface, providing a perfect chamfer, replacing in most cases with advantages the jobs done with emery and chopping knife.</p> <p>Indicated to Basis Metals:          iron, steel, fused iron, manganes steel, inox steel, brass, bronze, nikel, monel, inconel.</p>															
MECHANICAL PROPRIETIES	---															
OPERATIONAL CHARACTERISTICS	<p>For C.C- or C.A.</p> <p>Welding Position: P.V.S.D.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Ø In mm</td> <td style="width: 15%;">3,25x350mm</td> <td style="width: 15%;">4,00x450mm</td> <td style="width: 15%;">5,00x450mm</td> <td style="width: 15%;">6,00x450mm</td> </tr> <tr> <td>Amperage</td> <td>150-250 A</td> <td>200-400 A</td> <td>350-500 A</td> <td>450-600 A</td> </tr> <tr> <td>Package</td> <td>5 kg</td> <td>5 kg</td> <td>5 kg</td> <td>5 kg</td> </tr> </table>	Ø In mm	3,25x350mm	4,00x450mm	5,00x450mm	6,00x450mm	Amperage	150-250 A	200-400 A	350-500 A	450-600 A	Package	5 kg	5 kg	5 kg	5 kg
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WELDING TECHNIQUES	When utilizing the ESSEN NUT regulate the machine amperage compatible with the electrode's diameter to be used. It is recommended to mark with a chalk the area to be chamfered.															