



**UNIWELD IND. DE ELETRODOS LTDA**

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COMERCIAL DESIGNATION: **ESSEN DIAMOND 60 Carbide**

PATTERN: SPECIAL PRODUCT

Alloy Elements Included	W					
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Application Field	Special small rod synthetized, based on tungstein carbides, produced for welding by the processes oxi-acetilenic and TIG. Indicated to revet parts which work with extremely abrasion like: drills to work with stones, screw threads not for extrusion, ploughs, loading buckets, robots, etc. It is recommended a pre-heating about 400°C to obtain a welding deposit free of scratches.				
Mechanical Proprieties	Hardness: 57-62 HRc				
Operational Characteristics	For oxi-acetilenic or TIG				
	Welding Position: Plain				
	∅ In mm	2,40x300mm	3,17x300mm	4,00x300mm	
	Package	1 kg	1 kg	1 kg	
Welding Techniques	Cleanness of the area is indispensable and essential to keep the extension of the arch always short, not to overload the electrode with excessive amperage, welding only when the electrode is very dry, prepare the junctions following the rules, thickness superior to 350mm, must be chamfered				

