






CEWELD OA WC2 NC

TYPE	Tungsten based Fluxcored hardfacing welding wire with a Niobium, Chromium based matrix.											
APPLICATIONS	<p>CEWELD® OA WC2 NC is developed for hardfacing parts that are subject to extreme wear to obtain highest possible wear resistance. The matrix of this alloy is crack free although its extreme hardness of >52 HRc.</p> <p>Due to the nature of the matrix the weld deposit allows multiple layers and remains his extreme shock resistance.</p>											
PROPERTIES	<p>CEWELD® OA WC2 NC offers excellent rebuilding capabilities with lowest possible dilution with the base metal. The high amount of Tungsten carbides in its extreme tough matrix offers maximum life against highest abrasive wear combined with high pressure and impact.</p>											
CLASSIFICATION	EN ISO	14700: T Fe20										
SUITABLE FOR	Rebuilding of stabilisers and other oilfield tools where maximum protection is required. Also for augers, impellers, mixer plates in the brick and clay industry and on decanter screws or hardfacing deep drilling equipment.											
APPROVALS	No Approvals Found											
WELDING POSITIONS	<div><div> PA</div><div> PB</div><div> PC</div></div>											
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)												
ALL WELD MECHANICAL PROPERTIES	<table><tr><th>Heat Treatment</th><th>R_{P0,2} MPa</th><th>R_m MPa</th><th>A₅ (%)</th></tr><tr><td>As Welded /</td><td></td><td></td><td></td></tr></table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	As Welded /						
Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)									
As Welded /												
REDRYING TEMPERATURE	140°C / 2 hr											
GAS ACCORDING EN 14175	None											