



CEWELD OA 56 Nb

TYPE	High-alloyed tubular wire on a C-Cr-Nb-W-V carbide basis against shock and abrasion.																							
APPLICATIONS	Rebuilding and hardfacing wornout parts that faces heavy shock and abrasion at the same time.																							
PROPRIÉTÉS	Very good wear resistance against abrasion combined with impact. The deposit gives already a very good hardness in the first layer thank to the Nb carbides. The choice for the buffer layer is depending on the base metal and not always necessary. If applied correctly the hardfacing layer wil not show any cracks.																							
CLASSIFICATION	EN ISO 14700: T Fe8 DIN 8555: MF 6-55-GP																							
CONVIENT POUR	55-60 HRc hardfacing alloy against shocks and mineral wear, Cement rollers and crushers, Drilling shafts, Mineral and brick crushing industry, Screw conveyers, waste recycling etc.																							
AGRÉMENTS																								
POSITIONS DE SOUDAGE	 PA  PB																							
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	<table><thead><tr><th>C</th><th>Si</th><th>Mn</th><th>Cr</th><th>Mo</th><th>Nb</th><th>V</th><th>Fe</th></tr></thead><tbody><tr><td>1.4</td><td>1.5</td><td>1.5</td><td>7</td><td>1.3</td><td>8</td><td>0.5</td><td>Rem.</td></tr></tbody></table>								C	Si	Mn	Cr	Mo	Nb	V	Fe	1.4	1.5	1.5	7	1.3	8	0.5	Rem.
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PROPRIÉTÉS MÉCANIQUES	<table><thead><tr><th>Heat Treatment</th><th>$R_{P0.2}$ (MPa)</th><th>Rm (MPa)</th><th>A5 (%)</th><th>Hardness</th></tr></thead><tbody><tr><td>As Welded</td><td></td><td></td><td></td><td>55 HRc</td></tr></tbody></table>								Heat Treatment	$R_{P0.2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness	As Welded				55 HRc						
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As Welded				55 HRc																				
ETUVAGE	140°C / 24 hr																							
GAS ACC. EN ISO 14175																								



CEWELD OA 56 Nb

OA 56 NB 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403476

OA 56 NB 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403469

OA 56 NB 2,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403483