





CEWELD E DUR 64

TYPE	Basic coated, high Chromium-Niobium based Hardfacing high recovery hardfacing electrode								
APPLICATIONS	CEWELD® E DUR 64 with a recovery 190% can be used for coverings with extreme abrasion and sliding wear resistance, but with medium impact resistance.								
PROPERTIES	Due to the high Mo-content, abrasion resistance can be kept up to working temperatures of 600 °C ; the hardness is still 40-45 HRc at these temperatures. For Hardfacing of more than 3 layers it is necessary to buffer with an electrode like CEWELD® E DUR 350 Kb that delivers a welding deposit of less hardness. Overlays on steel with high tensile strength have to be buffered with CEWELD® 29/9 S or CEWELD® 4370 Ti Equivalent in FCAW: CEWELD® OA 64								
CLASSIFICATION	AWS	A 5.13: E FeCr-E4							
	EN ISO	14700: E Fe16							
	DIN	8555: E 10-UM-65- GTZ							
	F-nr	71							
SUITABLE FOR	Sugar mill knives and Hammers, Clinker crushers, Sintering lines, Fire gratings, Mixer blades, Gravel washing equipment, Ceramic mixer blades, Mill rollers, Stone crushers, Cxtruders etc....								
APPROVALS									
WELDING POSITIONS	<div></div>								
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Mn	Cr	Mo	Nb	V	Fe	W	Si
	5.5	0.6	24	6	6	1	Rem.	2	0.9
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded							61 HRc	
REDRYING	300°C / 2 hr								
GAS ACC. EN ISO 14175									



CEWELD E DUR 64

E DUR 64 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,4	8720663402677

E DUR 64 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,0	8720663402684

E DUR 64 5,0 X 450MM

Packaging	KG/unit	EanCode
Can	2,9	8720663402691