



# CEWELD OA 59

**TYPE** High-alloyed tubular wire on a C-Cr-Nb carbide basis for extreme hard deposits on parts subject to strong mineral abrasion, weldable without protective gas.

**ANWENDUNGEN** Cladding and rebuilding parts that are subject to severe abrasion.

**EIGENSCHAFTEN** Extreme abrasion resistant with reasonable impact properties and temperature resistance up to 300°C. Due to the combination Cr and Nb carbides the deposit structure contains very fine particles that results in excellent wear resistance against heavy abrasion. Usually the maximum number of layers is 2 till 3 but when using a special stringer build up technick with release cracks, upto 15 layers is also possible.

**KLASSIFIKATION** EN ISO 14700: T Fe15  
DIN 8555: MF 10-GF-60-G

**GEEIGNET FÜR** Sand and earth moving equipment such as buckets and teeth, dredge buckets, coke hammers, crushing equipment, rockwool rolls and brick industry, cement rollers, tables, Nihard and Mohard parts without buffer layer, slurry pumps, loaders, wear plates etc.  
Equivalent in SMAW: CEWELD® [Dur 62S](#), [Dur 63Nb](#)

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

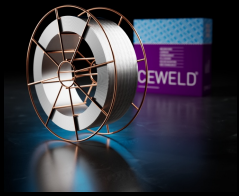
C	Si	Mn	Cr	Nb	Fe
5	1	0.4	22	7	Rem.

**MECHANISCHE GÜTEWERTE**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				62 HRc

**RÜCKTROCKNUNG** 140°C / 24 hr

**GAS ACC. EN ISO 14175**



# CEWELD OA 59

OA 59 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403339

OA 59 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403506

OA 59 2,4MM

Packaging	KG/unit	EanCode
Drum	250	8720663403537
K-415	17	8720663403513

OA 59 2,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403544