



CEWELD SA 420C

TYPE	Solid stainless steel welding wire for submerged arc welding. (Typ 420C)		
APPLICATIONS	he best all-purpose steel type for machine element work. Suitable for fairly corrosion resistant overlay welding with a hardness of approx. 54 HRC.		
PROPERTIES	CEWELD® SA 420C offers fair general corrosion resistance combined with high hardness and excellent wear properties especially to face metal to metal wear problems . Fused flux CEWELD® FL 880 or agglomerated flux CEWELD® FL 838 can be used.		
CLASSIFICATION	AWS	A 5.9: ER420	
	EN ISO	14343-B: S 420	
	W.Nr.	~1.4031	
	F-nr	6	
	FM	5	
SUITABLE FOR	Shafts, Valves, seats, pistons, Dredging pump casings, continuous casting rollers etc.		

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.43	0.5	0.6	0.02	0.02	13	0.4	0.6

MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	250	450	15	54 HRc

REDRYING Not required

GAS ACC. EN ISO 14175