



# 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						
	F-nr	6						
	FM	5						
	W.Nr.	~1.4031						
SUITABLE FOR	Shafts, Valves, seats, pistons, Dredging pump casings, continuous casting rollers etc.							
APPROVALS	No Approvals Found							
WELDING POSITIONS	<div></div>							
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
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)		Hardness Rockwell C		
	As Welded /	250	450	15		Avg. 54		
REDRYING TEMPERATURE	Not required							
GAS ACCORDING EN 14175								