


CEWELD 320

TYPE	Solid stainless steel wire for high corrosive environments						
APPLICATIONS	CEWELD 320 (Alloy 20) is used in a variety of industries, including chemical processing, petrochemical and refining, marine, pharmaceutical and food processing. End use applications include storage tanks, mixing tanks, agitators, pump and valve parts, food processing equipment, fasteners and fittings.						
PROPERTIES	CEWELD 320 was designed specifically to withstand sulfuric acid. Its nickel, chromium, molybdenum and copper levels all provide excellent general corrosion resistance. Restricted carbon plus columbium stabilization permits welded fabrications to be used in corrosive environments, normally without post-weld heat treatment. At 33% nickel, CEWELD 320 has practical immunity to chloride stress corrosion cracking. This alloy is often chosen to solve SCC problems, which may occur with 316L stainless						
CLASSIFICATION	AWS	A 5.9: ER320					
	EN ISO	14343-B: G 320					
	F-nr	6					
	FM	5					
	W.Nr.	2.4660					
SUITABLE FOR	2.4660, AISI 320 UNS N08020 Alloy 20, Carpenter 20, 320, Nicrofer 3620 nb, Carpenter 20, Incoloy 20, NiCr20CuMo						
APPROVALS	CE						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Cu
	0.06	0.5	1.6	20	34	2.5	3.5
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)			
	As Welded /	400	590	35			
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175	M13						



CEWELD 320

320 1,6 X 914MM

Type	KG/unit	EANCode
	5	8720663415479