



CEWELD NiCrBSi 62 G

TYPE	Gas atomized self fluxing nickel powder alloy against heavy wear						
APPLICATIONS	Protective coatings on wear parts that need to outlast new parts where high temperatures and high abrasive wear is involved.						
PROPRIÉTÉS	Self fluxing alloy with excellent corrosion and wear resistance suitable for working temperatures Up to 820°C. CEWELD® NiCrBSi 62 offers coatings that are dense and practically oxide free. The low friction properties makes the alloy excellently suitable for metal to metal wear. Machinable by grinding.						
CLASSIFICATION	AWS	636-A: ~NiCrBSi 74 15					
CONVIENT POUR	Applications include shafts, sleeves, and valve, trims. Some specific examples are ball joints, bearings, brick augers, bushings, cams, chuck jaws, conveyor parts, deep hole drills, feeder shoes, glass plungers, mill guides, mixing blades, pistons, plug, gauges, pump shafts, rocker arms, screw conveyors, sprockets center, trip dogs, valves, disks, and seats.						
AGRÉMENTS							
POSITIONS DE SOUDAGE							
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	C	Si	Cr	Ni	Fe	B	Co
	0.75	4.6	17	Rem.	5	3	0.1
PROPRIÉTÉS MÉCANIQUES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded					58 HRc	
ETUVAGE	Not required						
GAS ACC. EN ISO 14175							