



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 TIPIQUE 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										