



CEWELD NiCrBSi 62 G

TYPE	Gas atomized self fluxing nickel powder alloy against heavy wear								
TOEPASSINGEN	Protective coatings on wear parts that need to outlast new parts where high temperatures and high abrasive wear is involved.								
EIGENSCHAPPEN	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.								
CLASSIFICATIE	AWS 636-A: ~NiCrBSi 74 15								
GESCHIKT VOOR	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.								
GOEDKEURINGEN									
LASPOSITIONS									
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C 0.75	Si 4.6	Cr 17	Ni Rem.	Fe 5	B 3	Co 0.1		
MECHANISCHE WAARDEN	Heat Treatment As Welded		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness 58 HRc			
HERDROGEN	Not required								
GAS ACC. EN ISO 14175									