



CEWELD NiCrBSi 62 G

TYPE	Gas atomized self fluxing nickel powder alloy against heavy wear												
ANWENDUNGEN	Protective coatings on wear parts that need to outlast new parts where high temperatures and high abrasive wear is involved.												
EIGENSCHAFTEN	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.												
KLASSIFIKATION	AWS	636-A: ~NiCrBSi 74 15											
GEEIGNET FÜR	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.												
ZULASSUNGEN													
SCHWEISSPOSITIONEN													
TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)	C	Si	Cr	Ni	Fe	B	Co						
	0.75	4.6	17	Rem.	5	3	0.1						
MECHANISCHE GÜTEWERTE	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness								
	As Welded				58 HRc								
RÜCKTROCKNUNG	Not required												
GAS ACC. EN ISO 14175													