

CEWELD Powder HVOF DUR 1 (45/15)

TYPE	HVOF Powder for Stellite 1							
TOEPASSINGEN	CEWELD® Powder HVOF DUR 1 contains a high proportion of hard, wear-resistant primary carbides. As a result, the alloy is well suited for applications involving extreme flat-angle erosion and severe abrasion, although this comes at the cost of some loss of toughness. Applications Valve seats, gaskets, sliders, Pump sleeves, bushings, bearings, Saw blades, screw blades, cutting tools Crushers, mixer rotors, Extrusion screws, extrusion screw, dies, Wear liners, seam rollers							
EIGENSCHAPPEN	CEWELD® Powder HVOF DUR 1 is a hardfacing HVOF Powder with excellent abrasion and corrosion resistance for applications such as pump liners, rotating seal rings, wear plates, screw conveyors, and bearing sleeves. It retains its hardness at temperatures above 760 °C (1400 °F). Standard particle size: 45/15 µm <i>also possible: 106/20 µm, 106/38 µm, 106/45 µm, 125/38 µm, 125/45 µm, 150/45 µm, 150/53 µm, 150/63 µm, 180/53 µm, 180/63 µm, 210/63 µm, 250/45 µm, 63/20 µm, 75/20 µm</i>							
CLASSIFICATIE	EN ISO	14232-1 Co-Cr-W 50/30/12						
GESCHIKT VOOR	Valve seats, gaskets, sliders, Pump sleeves, bushings, bearings, Saw blades, screw blades, cutting tools Crushers, mixer rotors, Extrusion screws, extrusion screw, dies, Wear liners, seam rollers • Ventilsitze, Dichtungen, Schieber • Pumpenhülsen, Buchsen, Lager • Sägeblätter, Schraubenblätter, Schneidwerkzeuge • Brecher, Mischerrotoren • Extrusionsschnecken, Extrusionsschnecke, Düsen • Verschleißpolster, Nahtrollen							
GOEDKEURINGEN								
LASPOSITIES								
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	Co	C	Cr	W	Si	Fe	Ni	Mo
	Rem.	2.2	30	12	1.2	2.5	2	0.5
MECHANISCHE WAARDEN								
HERDROGEN	Not required							
GAS ACC. EN ISO 14175								