

CEWELD Powder HVOF DUR 1 (45/15)

TYPE	HVOF Powder for Stellite 1							
APPLICATIONS	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							
PROPRIÉTÉS	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>							
CLASSIFICATION	EN ISO 14232-1 Co-Cr-W 50/30/12							
CONVIENT POUR	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							
AGRÉMENTS								
POSITIONS DE SOUDAGE								
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)	Co	C	Cr	W	Si	Fe	Ni	Mo
	Rem.	2.2	30	12	1.2	2.5	2	0.5
PROPRIÉTÉS MÉCANIQUES								
ETUVAGE	Not required							
GAS ACC. EN ISO 14175								