

HanneSpray-Cr



Cover Type:	Carbide	
Possible applications:	<p>Rollers needing a hard surface (up to 900 HV) and a covering with good corrosion resistance</p> <p>Replacement of chromium plating covers with improved hardness and lifetime</p> <p>Rollers requiring a good corrosion and abrasion resistance</p> <p>Metal industry : furnace rollers (up to 950 °C) - dryer rollers - pick-up rollers for organic and solvent-based coating</p>	
Hardness Range:	900 Vickers	
Recommended Cover Thickness:	min. 50 µm - max. 1000 µm	
Temperature resistance:	Dry:	continuous 900°C
Properties and advantages:	<p>Hard surface coating (hardness up to 900HV) obtained by HVOF thermal spray technology</p> <p>Standard as-sprayed surface roughness, Ra: 6 ± 1 µm</p> <p>Possible to obtain polished surface or even mirror-aspect (lowest Ra = 0,05 µm)</p> <p>Low porosity rate (around 1%)</p> <p>Very good corrosion resistance and good abrasion resistance</p>	
Specific characteristics:	Bonding strength: Surface roughness (Ra):	> 75 MPa min. 0.05 µm - max. 10 µm