

# HanneSpray-Cr



<b>Cover Type:</b>	Carbide	
<b>Possible applications:</b>	<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>	
<b>Hardness Range:</b>	900 Vickers	
<b>Recommended Cover Thickness:</b>	min. 50 µm - max. 1000 µm	
<b>Temperature resistance:</b>	Dry:	continuous 900°C
<b>Properties and advantages:</b>	<p>Hard surface coating (hardness up to 900HV) obtained by HVOF thermal spray technology</p> <p>Standard as-sprayed surface roughness, Ra: <math>6 \pm 1</math> 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>	
<b>Specific characteristics:</b>	Bonding strength: Surface roughness (Ra):	> 75 MPa min. 0.05 µm - max. 10 µm