

# HanneSpray-W Plus



<b>Cover Type:</b>	Carbide	
<b>Possible applications:</b>	<p>Rollers needing a surface with extreme hardness (up to 1400 HV)</p> <p>Replacement of chromium plating covers with substantial improvement of abrasion resistance and lifetime.</p> <p>Every roller which requires optimal abrasion resistance</p> <p>Metal industry : bridle, detour and steering rollers, pinch and conveyor rollers, top rolls on galvanizing lines</p>	
<b>Hardness Range:</b>	1400 Vickers	
<b>Recommended Cover Thickness:</b>	min. 50 µm - max. 1000 µm	
<b>Temperature resistance:</b>	Dry:	continuous 500°C
<b>Properties and advantages:</b>	<p>Surface coating with extreme hardness (up to 1400 HV) obtained by HVAF thermal spray technology</p> <p>Optimal abrasion resistance due to high hardness</p> <p>Standard as-sprayed surface roughness <math>Ra\ 3 \pm 1\ \mu m</math></p> <p>Possible to obtain polished surface or even mirror-aspect (lowest <math>Ra = 0,05\ \mu m</math>)</p> <p>Low porosity rate around 0,5% - care should be taken in corrosive environment</p>	
<b>Specific characteristics:</b>	Bonding strength:	> 75 MPa
	Surface roughness (Ra):	min. 0.05 µm - max. 6 µm