

HanneSpray-W



Cover Type:	Carbide	
Possible applications:	<p>Rollers needing a very hard surface (up to 1100 HV)</p> <p>Replacement of chromium plating covers with improved hardness and lifetime</p> <p>Metal industry - steel strip production and coating : detour, bridle and tensioning rollers on different process lines, rollers in annealing furnaces up to 500 °C - support rollers in slab casting and hot rolling processes</p> <p>Plastic film, packaging and conversion industry : lamination and embossing rollers, calender rolls, chill rolls, heated rolls, conveyor rollers, stretching and deflector rollers - smooth and rough finish - replacement of chromium plating</p>	
Hardness Range:	1100 Vickers	
Recommended Cover Thickness:	min. 50 µm - max. 1000 µm	
Temperature resistance:	Dry:	continuous 500°C
Properties and advantages:	<p>Very hard surface coating (hardness up to 1100 HV) 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>Porosity rate around 3 % - not recommended in corrosive environment</p>	
Specific characteristics:	Bonding strength:	> 75 MPa
	Surface roughness (Ra):	min. 0.05 µm - max. 10 µm