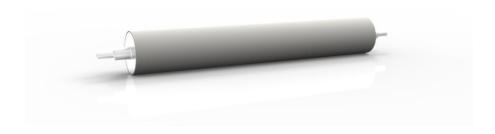
## HanneSpray-Cr



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



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