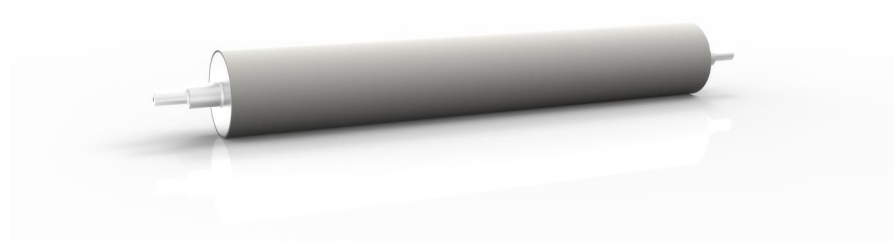


HanneSpray-Cr



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 °C) - dryer rollers
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 HVOF 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 µm) Low porosity rate (around 1%) Very good corrosion resistance and good abrasion resistance
Specific characteristics:	Bonding strength: > 75 MPa Surface roughness (Ra): min. 0.05 µm - max. 10 µm