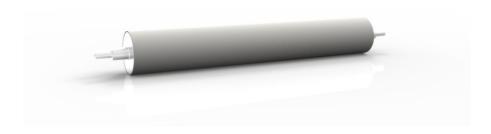
HanneSpray-W



Cover Type:	Carbide	
Possible applications:	Rollers needing a very hard surface (up to 1100 HV)	
	Replacement of chromium plating covers with improved hardness and lifetime	
	Metal industry - steel strip production a rollers on different process lines, rollers support rollers in slab casting and hot in	
	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	
Hardness Range:	1100 Vickers	
Recommended Cover Thickness:	min. 50 μm - max. 1000 μm	
Temperature resistance:	Dry:	continuous 500°C
Properties and advantages:	Very hard surface coating (hardness up to 1100 HV) 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 = $0.05 \mu m$)	
	Porosity rate around 3 % - not recommended in corrosive environment	
Specific characteristics:	Bonding strength: Surface roughness (Ra):	> 75 MPa min. 0.05 μm - max. 10 μm



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