PureCr Coating

... provides protection against wear and corrosion attacks



Dense coating for wear and corrosion protection – the coating is an environmentally friendly alternative to traditional hard chrome, but without rounding of the edges and without postprocessing.



CC PureCr BENEFITS

- Multiple prolonged tool life
- Shortened cycle times
- Minimized down times
- Reduced maintenance

COMMON APPLICATIONS

- Mold cavities
- Dies
- Pump parts
- Punches
- Components
- Replacement for galvanic hard chrome



	Tool steel (for comparison)	CC PureCr
Colour	Silver	Silver
Thickness (µm)	–	1-2
Hardness (HV)	500-800	1000
Coating temperature (°C)	–	170*
Max work temperature (°C)	200-400	1000
Friction coefficient (dry) against steel	0.8	0.5

*also available as a high temperature process at 350 °C

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