

# Hyperlox Coating

... makes your tools resistant to impact wear

SURFACE TREATMENT FOR  
WEAR PROTECTION

An extremely hard and wear resistant coating for protection of steel tools subjected to severe abrasive wear, erosion, and galling







## COMMON APPLICATIONS

- Cutting tools
- Punching tools
- Mold cavities
- Medical devices and dental instruments
- Dies
- Inserts and ejecting rings
- Durable consumer goods

## CC Hyperlox BENEFITS

- Improved quality of moulded parts
- Less sticking of plastics
- Multiple prolonged tool life
- Better demoulding
- Shortened cycle times
- Minimized down times
- Reduced maintenance



		Tool steel (for comparison)	CC Hyperlox
	<b>Colour</b>	Silver	Bluish black
	<b>Thickness (µm)</b>	–	2
	<b>Hardness (HV)</b>	500-800	3600
	<b>Coating temperature (°C)</b>	–	220
	<b>Max work temperature (°C)</b>	200-400	900
	<b>Friction coefficient (dry) against steel</b>	0.8	0.3