

CARBON-X[®]

Low friction even under tough conditions

CARBON-X is a low friction α -CH based DLC coating from voestalpine eifeler. Thanks to its high hardness, this coating is great for racing applications where high abrasive wear occurs and softer low-friction coatings reach their limits. Its lubricity reduces heat build up allowing for better performance.

APPLICATIONS

Racing	Piston Pins, Camshafts, Bearings, drive train, intake valves,
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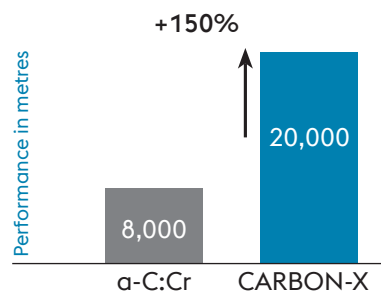
COATING PROPERTIES

Hardness	2,400 \pm 400 HV
Max. application temperature	325 °C / 617 °F
Coefficient of friction against steel	0.05 - 0.15
Coating thicknesses	1.5 - 2.5 μ m
Colour	dark grey

PRODUCT FEATURES

- » Maximum wear resistance due to high coating hardness
- » Low friction coefficients and reduced adhesions
- » High performance and long service life

FORMING CORES: INCREASED PERFORMANCE +150%



Source: Tool manufacturer in Germany

