



FerroCon®

for Unalloyed, Alloyed and High-speed Steel (Ferrous Materials)

The premium HiPIMS coating for high-performance applications in unalloyed, alloyed and high-speed steel. Optimum adhesion, smoothest surfaces, high hardness values and toughness for your tool. Pure performance.

Application example

Performance thanks to HiPIMS

Material: **40CrMoV4-6**

Tool: **cutting insert**

$v_c = 250 \text{ m/min}$

$a_p = 3 \text{ mm}$

$z = 2 \text{ mm}$



Technical data

Coating technology:

HiPIMS

Composition of the coating material:

AlTiN-based

Color:

Anthracite

Max. operating temperature:

1,100°C

Available coating thicknesses

Coating Thickness	Drill Bit	Turning Tool	Cutting Insert
≈ 1,5 µm (Thin)	✓	✓	—
≈ 3 µm	✓	✓	✓
≈ 4,5 µm (Plus)	✓	—	—
≈ 6 µm (Plus)	—	—	✓

Talk to an expert

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