

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: **1.2315**

Tool with **WSP SNMX12**

Machining operation: **milling**

$v_c = 180 \text{ m/min}$

$f_z = 0.2 \text{ mm}$

$a_p = 2 \text{ mm}$



Technical data

Coating technology:

HiPIMS

Composition of the coating material:

AlTiN-based

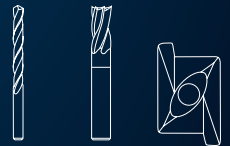
Color:

Anthracite

Max. operating temperature:

1,100°C

Available coating thicknesses



Coating Thickness	Drill Bit	Turning Tool	Milling Cutter
≈ 1,5 µm (Thin)	✓	✓	—
≈ 3 µm	✓	✓	✓*
≈ 4,5 µm (Plus)	✓	—	—
≈ 6 µm (Plus)	—	—	✓*
≈ 12 µm	—	—	✓

** Also available with a golden top coating*

Talk to our expert

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