SteelCon®

Item no. 36444-1

The HiPIMS coating material SteelCon® is the latest silicon doted HiPIMS coating material from CemeCon. It enables economical machining of hardened as well as stainless steels.
SteelCon® achieves first-class surface quality under the extreme conditions of hard machining. High hardness is combined with excellent adhesion. The homogeneous wear behavior of SteelCon® ensures high process stability. In addition to the dense layer structure, the particularly high silicon doting also ensures good thermal stability.



Specifications

Coating unit	**CC800® HiPIMS**
Expansion Stage	**AS3** **AS3C** **AS3C2** **AS3C3**
Coating Technology	**PVD HIPIMS**
Layer composition	**TiAlSiN**
Tool type	**Indexable inserts**
Tool material	**Carbide**
Material	**Hardened steel** **Stainless steel**
machining application	**Drill** **Mill** **Turn** **Stitching**
Application temperature	**1.100°C**
machining application	**Thread**
Color	**Red gold**
Available layer thickness	**3 µm**
Target configuration	**2*Art. 33788/2*Art. 35082/2*Art. 33790-K**

Contact

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Process know-how made by CemeCon

You not only receive the recipe for our coating, but also the complete know-how of pre- and post-treatment for the peripherals we supply. Another component of our know-how package is the hardware specially adapted to the coating process, our targets, foils and accessories as well as the process updates for our recipes!

Stay on the ball!

Here you can find our coating material flyer!

Revised 2026 - subject to technical modifications