


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.

Contact experts

 +49 2405 44 70 122

 coatingtechnology@cemecon.de



Specifications

Coating unit	CC800® HiPIMS
Expansion Stage	AS3 AS3C AS3C2
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 Thread
Application temperature	1.100°C
Color	Red gold
Available layer thickness	3 µm
Targetkonfiguration	2*Art. 33788/2*Art. 35082/2*Art. 33790-K

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!](#)