

## 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	<b>CC800®HiPIMS</b>
Expansion Stage	<b>AS3</b> <b>AS3C</b> <b>AS3C2</b>
Coating Technology	<b>PVD HIPIMS</b>
Layer composition	<b>TiAlSiN</b>
Tool type	<b>Indexable inserts</b>
Tool material	<b>Carbide</b>
Material	<b>Hardened steel</b> <b>Stainless steel</b>
machining application	<b>Drill</b> <b>Mill</b> <b>Turn</b> <b>Stitching</b> <b>Thread</b>
Application temperature	<b>1.100°C</b>
Color	<b>Red gold</b>
Available layer thickness	<b>3 µm</b>
Targetkonfiguration	<b>2*item 33788/2*item 35082/2*item 33790</b>

## Contact experts

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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!](#)