AluCon®

Item no. 36024-1

AluCon® is the premium HiPIMS coating for optimum cutting results in non-ferrous metals, even at high operating temperatures. The nanocrystalline, extremely dense coating material effectively prevents built-up edges. The HiPIMS technology ensures the smoothest coating surfaces, maximum coating adhesion and extremely high hardness.



Specifications

Coating unit	**CC800® HiPIMS**
Expansion Stage	**AS3** **AS3C** **AS3C2** **AS3C3**
Coating Technology	**PVD HIPIMS**
Layer composition	**TiB2**
Tool type	**Shank tools**
Material	**Aluminum** **Nonferrous metals**
machining application	**Mill** **Drill** **Turn** **Thread**
Application temperature	**1.100°C**
Color	**Silver**
Available layer thickness	**1 µm (Thin)** **2 µm**
Target configuration	**2*item 33788/4*item 34464**

Contact

+49 2405 44 70 122

coatingtechnology@cemecon.de

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, and the process updates for our recipes!

Stay on the ball!

Here you can find our coating material flyer!

Revised 2026 - subject to technical modifications