AluCon®

Item no. 36027-1

The HiPIMS coating material AluCon® guarantees optimum cutting results in non-ferrous metals, even at high operating temperatures.
AluCon® offers a unique combination of nanocrystalline, extremely dense coating material, which effectively prevents built-up edges, and HiPIMS technology for the smoothest coatings, maximum coating adhesion and a hardness of up to 5,000 $HV_{0,05}$.



Specifications

Coating unit	**CC800® HiPIMS**
Expansion Stage	**AS3** **AS3C** **AS3C2** **AS3C3**
Coating Technology	**PVD HIPIMS**
Layer composition	**TiB2**
Tool type	**Indexable inserts**
Tool material	**Carbide**
Material	**Aluminum** **Titanium**
machining application	**Mill** **Drill** **Turn** **Stitching** **rub**
Application temperature	**1.100°C**
machining application	**Thread**
Color	**Silver**
Available layer thickness	**2 µm**
Target configuration	**2*item 33788/4*item 34464**

Contact

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Process Know-how made by CemeCon

You will not only receive the recipe for our coating, but also the complete know-how of the pre- and post-treatment, for the periphery supplied by us. A further component of our know-how package we supply you with the hardware specially adapted to the coating process, with our targets, foils and accessories as well as with the process updates to our recipes!

Stay on the ball!

Here you can find our coating material flyer!

Revised 2026 - subject to technical modifications