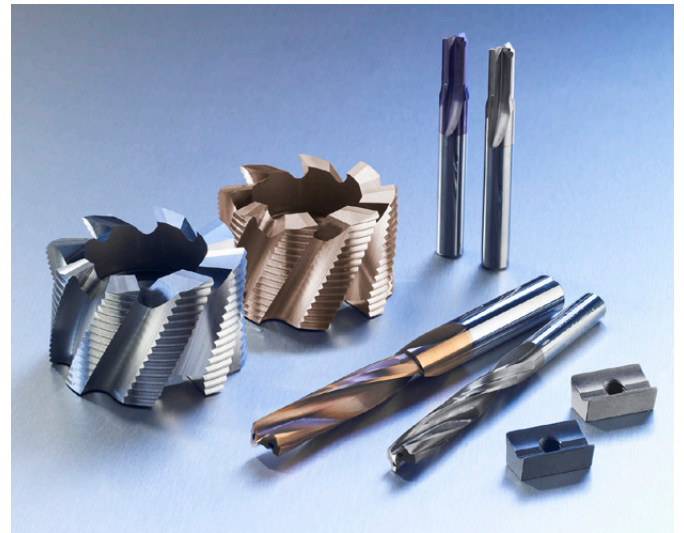


deconex[®] de-coat 110

For the removal of AlTiN, TiAlN and ZrN coatings from carbides

Suitable for use in heatable soaking baths



Application

deconex de-coat 110 is a liquid product that is used for the removal of the following coatings:

- AlTiN
- TiAlN
- ZrN
- TiSiN/AlTiN
- AlCrN
- AlTiSiN

from the following substrates:

- carbides
- high-alloy steel (ZrN)

For successful decoating, certain technical requirements have to be met. We recommend that you contact us about this.

Ingredients

Alkalis, corrosion inhibitors, solubilizer

Dosage

Coating	Dosage in (ml/l)	* De-coating time
AlTiN	concentrate	1-8 h
TiAlN	concentrate	1-8 h
ZrN	concentrate	a few minutes
TiSiN/AlTiN	concentrate	1-8 h
AlCrN	concentrate	4-12 h
AlTiSiN	concentrate	1-8 h

* Actual decoating times depend mainly on:

- the process temperature
- the quality of the coating, i.e. the coating process originally used and the composition of the coating layers
- the coating thickness. The decoating times specified refer to the removal of a 2µm thick coating.

deconex® de-coat 110

Information on use

There are no limitations to the use of deconex de-coat 110 for carbides (P, K). High-alloy steel tools with a ZrN coating can also be decoated thanks to the comparatively much shorter treatment times. (For more details, see the decoating instructions).

To ensure effective decoating you must use the special tool holders provided for this purpose.

When working with Cr⁶⁺ solutions you must implement the necessary health and safety precautions.

You must wear the following PPE:

- Protective gauntlets with long sleeves
- Eye protection with closed sides
- Acid- and alkali-proof apron

Material compatibility

Suitable for:
Carbides

For materials not mentioned please make your own specific compatibility tests or consult Borer Chemie AG.

Chemical/physical data

pH	1% solution in fully demineralized water	approx. 12.6
Density	concentrate	1.52 g/cm ³
Appearance	concentrate	clear, green liquid

Availability

Please ask your local representative about current container sizes.

Containers, screw caps and labels are made of recyclable polyethylene.

Additional information

For information concerning safety at work, storage, waste disposal and effluent, please consult the safety data sheet and the decoating and disposal instructions for this product.

Take advantage of our expertise! Please, contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland

Tel +41 32 686 56 00 Fax +41 32 686 56 90

office@borer.ch, www.borer.ch

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.