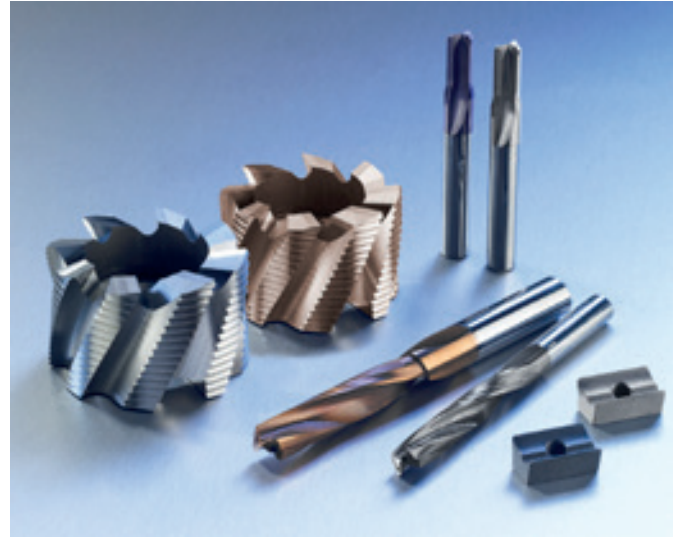


# deconex® de-coat 200

**For the removal of TiN, TiCN, TiAlN and AlTiN coatings on HSS and PM steels**

Suitable for use in heatable immersion baths



## Usage

deconex® de-coat 200 is a powdery product that is used to remove the following coatings:

- TiN
- TiCN
- TiAlN
- AlTiN
- SiO<sub>2</sub>/Me
- TiSiN/AlTiN

on the following substrates:

- HSS
- PM steels and other tool-grade steels

Before decoating can take place, certain technical requirements must first be met. We recommend that you contact us in this regard.

## Ingredients

Alkali, corrosion inhibitors, sequestering agent

## Application

The following application conditions have been found to be effective in practice:

Coating	Dosage (in g/L)	Temperature	Decoating time* (for 2 µm layer thickness)
TiN	50-100 g/L	60°C - max.80°C	0.5 h
TiCN	50-100 g/L		0.5-1 h
TiAlN	50-100 g/L		1-2 h
AlTiN	50-100 g/L		1.5-3 h
SiO <sub>2</sub> /Me	50-100 g/L		3-5 h
TiSiN/AlTiN	50-100 g/L		1-2 h

\* The decoating time depends on the coating quality, coating structure, coating thickness and process temperature.

Important additional informations on the application can be found in the decoating instruction.

# deconex® de-coat 200

## Instructions for use

For coating thicknesses greater than 5 µm, such as in CVD processes, the application concentration of the deconex® de-coat 200 can be doubled.

If the bath temperature is limited to 50-60°C within the system, doubling the deconex® de-coat 200 concentration makes it possible to decoat within the specified decoating time.

The substrates must be cleaned oil-free and grease-free before decoating; Borer Chemie AG offers suitable cleaning solutions for this.

For the implementation of the decoating please use our decoating instructions.

## Neutralisation/disposal

Please refer to our disposal instructions for information on disposal.

It should be noted: The used decoating solution must be disposed of professionally by a disposal company. The safety data sheet can be referred to for this purpose. Locally applicable waste water and disposal regulations must be complied with.

## Material compatibility

Suitable for:  
HSS, PM and tool steels

Independent compatibility tests should be carried out on materials other than those specified or requested from Borer Chemie AG.

## Chemical-physical data

pH value	1% solution in demineralised water	approx 7.5
Appearance	Concentrate	white powder

## Delivery

Please ask your representative regarding current container sizes.

Containers, screw caps, seals and labels are made from recyclable polyethylene.

## Additional information

Information regarding safety in the workplace, storage, disposal and waste water treatment can be found on the safety data sheet for this product and in the decoating and disposal instructions.

For professional use only.

For more information about the product and its use, please contact your supplier or Borer Chemie AG.

Benefit from our expertise! Ask us for practical information about your specific application.

### Manufacturer:

#### Borer Chemie AG

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