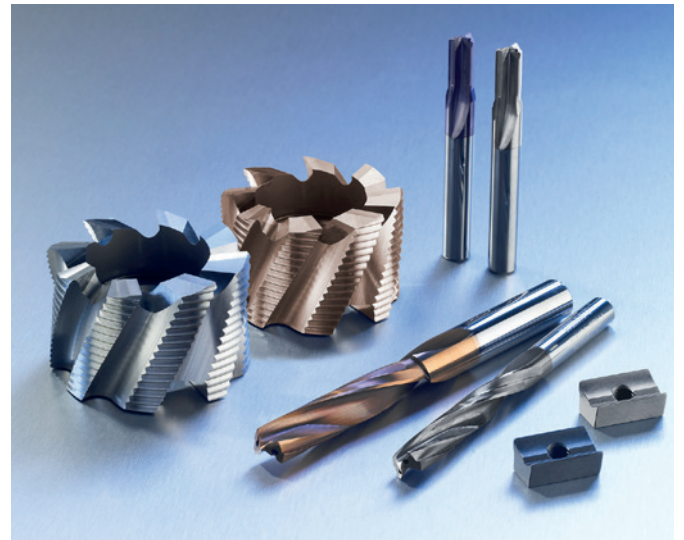


deconex® HT 1217

Mildly alkaline cleaner for hard metal and HSS-steel parts

Suitable for use in soaking baths and ultrasonic cleaning systems. Free of complexing agents, micro filterable.



Application

deconex® HT 1217 is a liquid, mildly alkaline cleaning concentrate for removing cutting and protecting oils as well as storage residues from hard metals and HSS-steel parts prior to PVD/CVD coating.

Properties

Due to its special alkaline ingredients and surfactants, deconex® HT 1217 provides an excellent removal of various cutting and protecting oils. The product is free of hard complexing agents and therefore, prevents a possible cobalt leaching.

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
2-5%	50-70 °C	2-10 min

The product must be used with reverse osmosis (RO) or fully demineralized water.

Information on use

Neutralization

The spent cleaning solution must be neutralized before it is discharged into drains or sewage works. To attain a pH of about 7-8 requires 494 g of 25% hydrochloric acid or 262 g of 60% sulphuric acid per kg of deconex® HT 1217 (concentrate).

Disposal of the detergent solution including removed contamination must be carried out in accordance with the local regulations for wastewater!

deconex® HT 1217 has a demulsifying effect on most of the cutting and protecting oils removed; moreover, the product can be micro filtered. Due to its mildly alkaline formula, the product has an excellent rinsability. This guarantees optimum conditions for subsequent coating processes.

Ingredients

Alkalis, surfactants, corrosion inhibitor

Material compatibility

Suitable for:

Hard metal, HSS-steel, stainless steel, titanium

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

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Chemical/physical data

pH	1% solution in demineralized water	approx. 10.6
Density	concentrate	1.03 g/mL
Appearance	concentrate	transparent, yellow to brown 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 and waste disposal/effluent, please consult the corresponding safety data sheet.

Take advantage of our vast know-how! Please, contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

Gewerbstrasse 13, 4528 Zuchwil / Switzerland

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

office@borer.ch, www.borer.swiss

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