

# microjet®

A SOLUTION TO EVERY APPLICATION

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## THE SYSTEM

*microjet*® minimum-quantity lubricating systems are optional changeable or expandable. Our standard: a solution to your application.



Tank



Hose bundles



Drilling

Profile milling

Surface milling

Turning

Tank with control and regulation unit, installed within a case.

- clean
- safe
- compact

Hose bundles with different nozzles on request.

Our nozzle technology finds application in the whole machining practice.

## YOUR BENEFITS

### Tools

Longer tool service life, reduced tool friction.

### Workplace and working environment

Cleaner workplace, dry workpieces.

### Machines

Shorter downtimes thanks to less maintenance and shorter set-up times.

### Production

Production rise through increased cutting parameters and tool service life. Improved manufacturing quality.

### Cleaning

Costs for cleaning workpieces, machines and their immediate environment can be considerably reduced.

### Safety

Reduced risk of accident thanks to clean, oil-free floors, no skin diseases caused by bacteria or fungus infections, none of the resulting staff failures.

### Economy of operation

Shortest pay-off time, often less than a year. Lubricant savings of up to 80%. Profitable recycling of raw materials.

## OUR ADDRESS



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INTRODUCTION OF SPANNING

Metal cutting



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## ACCURATE APPLICATION OF LUBRICANTS INCREASES PRODUCTIVITY

TURNING

MILLING

DRILLING

SAWING

THREAD CUTTING



### microjet® minimum-consumption lubricating technology in metal cutting

Increased productivity in metal cutting means machining well into the high-speed range. The heat generated on tools and workpieces must be avoided to obtain longer tool life. Here, the *microjet*® minimum-consumption lubricating system provides the decisive yardstick.

Accurate finest metered lubrication dramatically reduces friction in the working areas. The absolutely unique nozzle technology allows the lubricant to penetrate the high centrifugal forces acting during high-speed machining. The result: The lubricating effect can develop to the full.

Our partners include machine tool manufacturers of renown, for instance:

- DMG
- Datron AG
- KASTO Maschinenbau GmbH
- Holzma Plattenaufteiltechnik
- OPS-Ingersoll GmbH
- IMT Hochfrequenzspindeln
- Cytec Zylindertechnik GmbH

... [www.microjet.de](http://www.microjet.de)

microjet®  
Nozzle technology

- precise
- finest metering
- efficient

