

Seminars

Strategies for optimizing work processes

Content





Content

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More competence leads to higher productivity





Our goal is to ensure efficient machining processes for our customers. Qualified employees are a decisive success factor in global competition - and this is exactly where our seminars come in.

If process disturbances are detected at an early stage, tool solutions can be used and the production process can be sustainably optimized. Benefit from the exchange of experience with our globally networked cutting tool experts.

Target group

In times of a shortage of skilled workers, continuing education and further training are becoming increasingly important, because it is only with appropriate specialist knowledge that potentials can be recognised and exploited. Benefit from the knowledge transfer provided by our tool specialists.

Our seminars are aimed at all employees of the machining production, e.g. trainees, work planners, programmers, purchasers, process developers, machine operators, machine setters, application engineers and production managers. The optimum number of participants is between 10 and a maximum of 20.

Our seminars - practical and user-oriented



Seminar structure

Our training program is primarily divided into basic seminars and indepth advanced seminars. These are supplemented by individually compiled seminars as well as professional workshops and production analyses. The seminars take place in our European Design and Engineering Center (E-DEC) in Lauchheim, in our European headquarters in Willich or on your premises.

Turning | Drilling | Milling | Hard machining

E-DEC | European Headquarters | Inhouse (Customer)

Basic seminars

Advanced seminars

Individual seminars

Professional workshops | Line diagnosis

Our aspiration

In agreement with our company spirit we offer high quality products and services. Our seminars also conform to these guidelines and we constantly develop and enhance our training department by the introduction of latest technologies.

Our seminars- practice- and user-oriented

Our systematically structured seminars contain practice-oriented application examples with direct reference to the lectures shown. Demovideos, plenum discussions and machining examples on the machine complement our training courses. Each participant receives the seminar documents to transfer what they have learned to their daily production process. We would also be happy to integrate your individual task as a training topic in our seminars.

Contents

- Fundamentals of **turning, drilling, milling** and **hard machining** for newcomers and career changers not familiar with the job

Advanced seminars

- Strategies and tool solutions to increase productivity
- Performance optimization through newly developed cutting materials

Professional workshops

- Development of problem solving strategies
- Identifying and exploiting optimization potential

Individual seminars

- Exactly tailored to your needs
- Optimization of your machining process

Feedback
on our
seminars

We are pleased about the extremely positive feedback of our previous seminars and want to continue the same way. We are proud of the average rating of 1.3 (in school grades from 1-6) and we are grateful for constructive criticism, because this is the only way to develop further.

*„Finally no advertising event,
but the transfer of knowledge!“*

*„I particularly liked the combination of
theory and practice“*

*„The practical machining examples
were great!“*

TURNING

Turning in a new dimension



Turning

Turning - efficient machining of workpiece materials

- Fundamentals of machining
- Current cutting materials and coatings
- Machining environment and machine requirements
- Selection of inserts according to application
- Select chip breaker geometry and determine cutting parameters
- Recognize tooling solutions and optimize processes
- Identify and eliminate process malfunctions during turning
- Special turning processes such as grooving and threading
- Wear detection and countermeasures to improve tool life



Date: according to arrangement

Duration:

1 Day

Start: 9:00 h

Finish: 15:00 h

2 Days

Start: Day 1 13:00 h

Finish: Day 2 12:30 h

Fee incl. one overnight stay:

1 Day

200,-€ per seminar plus VAT

2 Days

1 Participant:

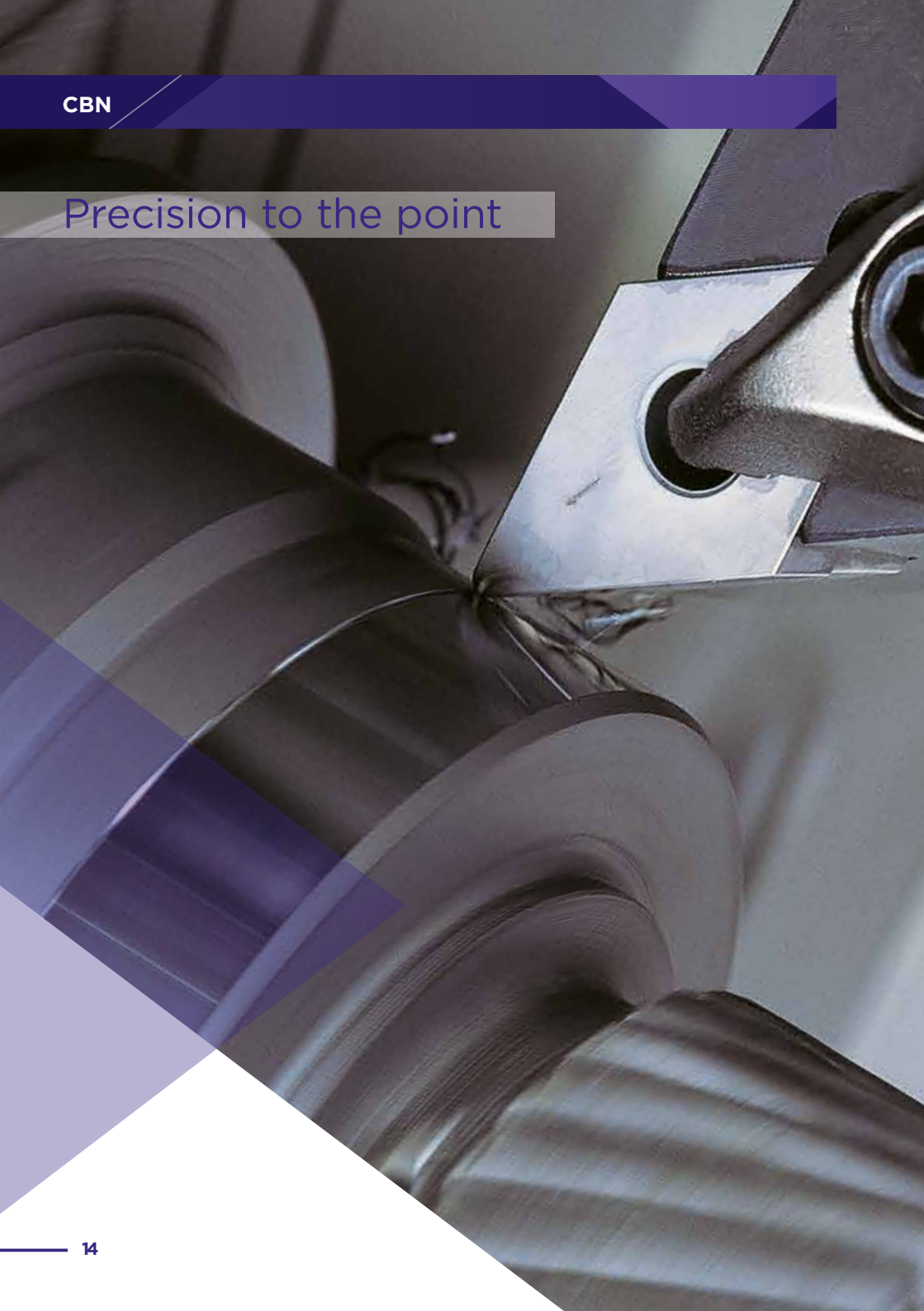
350,- € per seminar plus VAT.

from 2 Participants:

300,- € per seminar plus VAT.

We will make the reservation for you in a nearby partner hotel.

Precision to the point



Hard machining

CBN - Learning from the global benchmark

- What is hard turning?
- Basics and advantages of hard machining
- Applications of CBN cutting materials
- Requirements for a stable hard turning process
- Selection of CBN grades and cutting edge designs
- Hard machining process
- Composition of CBN cutting materials
- Machining accuracy during hard machining
- Special application methods for CBN such as grooving, slab,
- HFT and hard thread turning
- Further CBN applications in cast iron, powder metal, superalloys and hardened steel
- CBN Optimization Guide



Dates: according to arrangement

Duration:

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from 2 Participants:

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A round thing



Holemaking

Optimization of drilling processes

- Fundamentals of machining
- Basics and problems in holemaking
- Machining environment and machine requirements
- Drill selection according to application
- Cutting parameters, tool life and wear detection
- Strategies to increase productivity
- Identifying and solving process faults during holemaking
- Drilling by milling
- Deep hole drilling process
- Creation of fitting bores with high-feed reamer
- Customer-specific solutions with special, step and combination tools



Dates: according to arrangement

Duration:

1 Day

Start: 9:00 h

Finish: 15:00 h

2 Days

Start: Day 1 13:00 h

Finish: Day 2 12:30 h

Fee incl. one overnight stay:

1 Day

200,-€ per seminar plus VAT

2 Days

1 Participant:

350,- € per seminar plus VAT.

from 2 Participants:

300,- € per seminar plus VAT.

We will make the reservation for you in a nearby partner hotel.

The combination is what counts

Milling

Milling 1 - The optimum milling process

- Fundamentals of machining
- Basics of milling
- Selection criteria for milling tools, cutting materials and coatings
- Use of coolant lubricants

Milling 2 - Milling strategies for productivity efficiency

- Central chip thickness as a success factor
- Develop and optimize milling strategies
- Identify types of wear and initiate countermeasures
- Optimization of production times and process stability (high feed milling)



Dates: according to arrangement

Duration:

1 Day

Start: 9:00 h

Finish: 15:00 h

2 Days

Start: Day 1 13:00 h

Finish: Day 2 12:30 h

Fee incl. one overnight stay:

1 Day

200,-€ per seminar plus VAT

2 Days

1 Participant:

350,- € per seminar plus VAT.

from 2 Participants:

300,- € per seminar plus VAT.

We will make the reservation for you in a nearby partner hotel.

TAILOR-MADE

Individual Seminars



Designed exactly for your production

Within our individual training courses, the seminar contents and the schedule are tailored to your cutting tasks and operational requirements. Technical and special topics can be compiled individually and adapted to your needs. On request, we carry out production analyses and develop tool solutions to optimize your cutting process.

Simply compose your seminar from the listed seminar topics and add your company's specific needs. We recommend a maximum of 10 to 20 participants for our individual seminars to create an optimal training atmosphere. Let us find a solution for your task together.

Dates:

Upon Agreement

Duration: Upon Agreement

Fee:

Upon Agreement

Training location:

Upon Agreement

We will make the reservation for you in a nearby partner hotel.



Seminar schedule

We arrange individual seminar dates for our English-speaking participants.

Don't hesitate to get in touch with us for further information.

We provide two options to choose from, including 1 Day as well as 2 Day seminars.

1-Day Seminar

Start: 9:00 h

Finish: 15:00 h

2-Day Seminar

Start Day 1: 13:00 h

Finish Day 2: 12:30 h

Seminars

- CBN - Learn from the global leader
- Milling 1 - The way to an ideal Milling process
- Milling 2 - Milling strategies for productive efficiency
- Drilling - Ideal shaping of Drilling processes
- Turning - efficient processing of workpiece materials

Organisation

Fee:

1-Day Seminar:

200,-€ per Seminar plus VAT

2-Day Seminar (incl. one overnight stay):

1 Participant:

350,-€ per Seminar plus VAT

2 Participants or more:

300,-€ per Seminar plus VAT

We will gladly make the reservation for you in a nearby partner hotel.

Services

In addition to the hotel costs, the participation fee includes the seminar documents, snacks, drinks and the participation certificate.

Cancellation

Cancellation must always be made in writing and is free of charge up to 14 days before the start of the seminar. After that we charge an administrative fee of 50% and from 3 days before the start of the seminar 75%. After consultation with us, a substitute person can attend the booked seminar in your place. This will not incur any further costs for you.

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Registration



QR-Code to
Seminarregistration form

T +49 2154 4992 715
seminar@sumitomotool.com

Venues

Sumitomo Electric
Hartmetall GmbH
European Design &
Engineering Center

Industriestraße 2
73466 Lauchheim
Sumitomo Electric
Hartmetall GmbH
Konrad-Zuse-Str. 9
47877 Willlich

...Or on your premises



SUMITOMO ELECTRIC Hartmetall GmbH
Konrad-Zuse-Straße 9, 47877 Willich / Germany



T +49 2154 4992-0 F +49 2154 4992-161 info@sumitomotool.com www.sumitomotool.com