



## TURN-MILLING

The solution for long-chipping materials

- Turn-milling - what are the strengths of this process
- Correct positioning of tool and workpiece
- Determining the cutting data
- Successful implementation of targeted programming

**09:15 a.m.**

Room D | Plant 2  
Todd Schneider (USA)

### Moderated live demonstration

Plant 2  
10:00 a.m and 13:00 p.m.

## INTERNAL MACHINING

Internal machining of small bores with high process reliability

- Small hole machining challenges
- Development of chip shape geometries using simulation
- Standard solutions from HORN
- Realisation of customer specific tasks

**12:45 p.m.**

Room D | Plant 2  
Brian Lieving (USA)

### Moderated live demonstration

Plant 1  
10:00 a.m. and 13:45 p.m.

## ALUMINIUM PROCESSING

Machining aluminium with rotating PCD tools

- The market and its trends
- Efficient machining with HORN standard tools
- Special tools as standard - practical examples
- A comparison between HSC milling and drilling

**10:15 a.m.**

Room D | Plant 2  
Chris Smith (UK)

### Moderated live demonstration

Plant 2 | GROB-Werke GmbH & Co.KG  
11:00 a.m. and 14:45 p.m.

## PRODUCT CONFIGURATION

From idea to tool - taking Greenline further

- Successfully reducing delivery times with the „HORN Tool Configurator“ (HTC)
- End-to-end control and linking of processes - tool manufacture in record time
- Automated generation of grinding programs for the production of carbide inserts

**13:45 p.m.**

Room D | Plant 2  
Damon Wherry (USA)

Meet our experts in the area „Digital solutions“

## GROOVING - PARTING OFF - PROFILING

Use cutting tools economically and effectively

- Features of HORN's efficient grooving tools
- Targeted cooling at the cutting edge
- Parting off via the Y-axis
- Profiling of complex contours

**11:15 a.m.**

Room D | Plant 2  
Alex Brown (UK)

Live machining in our demonstration centre

## HORN x AI

From researching our own production to predicting the life of our customers' products

- Artificial intelligence in industrial applications
- Optimisation of tool life at HORN
- Tool life prediction for cutting tools

**14:45 p.m.**

Room D | Plant 2  
Steve Kilpin (UK)

Meet our experts in the area „Digital solutions“