



## Basic Seminar I

### Basic Seminar I for production and tool-making

**Target group:** Technicians, foremen, machine operators, qualified personnel from machine tool construction and production

**Objective:**

- Introduction to tool and forming techniques
- Innovative working methods
- Applicability of BIHLER machines in modern manufacturing
- Analysis of participants' working techniques
- The basic seminar I is also suitable for users with many years of experience and as a base course for advanced seminar II.

**Contents of seminar:**

1. Fields of application in punching and bending technology: machine, forming units, tooling.
2. Machine construction, machine typology, commissioning, maintenance and operation.
3. Feed units and feed time reductions.
4. Construction and application of forming units and presses.
5. Calculation and production of cams.
6. Interpretation and realisation of a cam timing chart.
7. Tool assembly, reduced set-up and adjustment times

**Duration:** 4 days

**Seminar begins:** Tuesday, 08:00 a.m.

**Seminar ends:** Friday, 11:30 a.m.

**Participants:** 3 to max. 6

**Prerequisite:** - none -