

Measuring cycles for 5-axes milling machines SINUMERIK 840D sl (NC-MZ-M5A)

Objectives

This course covers the special application options for measuring cycles in process-related and JOG measurement with SINUMERIK 840D sl for 5-axis milling machines.

Target Group

Commissioning engineers
Engineering personnel
CNC-Programmers

Content

Workpiece and tool measurement on 5-axis milling machines

- Special calibration issues for 5-axis milling machines
- Angular measurement (2 angles) - aligning the plane (CYCLE998)
- Measuring spheres (CYCLE997) and aligning the WCS (CYCLE119)
- Measuring cycles in connection with swivel cycle (CYCLE800) or 5-axis transformation
- Measuring in JOG - aligning the plane
- Technology settings

Prerequisites

Basic knowledge according to the course NC-MZ-M

Type

Face-to-face training

Duration

1 day

Language

en