



Overview of the manual Milling course

The contents of the course covered over a 4 day cycle, including one day classroom based plus three workshop days. Depending on the outcome of a Training Needs Analysis (TNA); attendees do not need to have completed the previous course prior to attending the course being considered.

Basic

- Machine operation and safety
- Basic cutting tool application
- Milling speed calculations
- Basic work holding devices
- Milling operations
 - External faces
 - Open slots
 - Drilling
 - Tapping
 - Angular faces
- Coolants and cutting fluids

Intermediate

- Machine operation and safety
- Indexable tip tool design and use.
- Speed and feed calculations
- Milling operations
 - Enclosed slotting
 - Boring
- Advanced work holding devices
 - Rotary tables
 - Direct to work table

Advanced

- Machine operation and safety
- BS ISO EN 286-2 limits and fits
- Advanced work holding devices
 - Dividing head calculations
 - Dividing head use
- Dovetail production