



Levil Control Options

FANUC CNC Series 0i-TF

for CNC Turning



Features

- **Threading Retract:** Enhance threading operations with the retract feature for improved efficiency and precision.
- **Arbitrary Speed Threading & Thread Repair:** Perform threading at arbitrary speeds and easily repair damaged threads with this advanced feature.
- **Balanced Cut:** Achieve smoother and more stable machining with the balanced cut feature.
- **Dual-Path Synchronization:** Improve productivity and accuracy with the dual-path synchronization capability.
- **Tool-Nose Radius Compensation:** Automatically compensate for tool-nose radius variations, ensuring accurate and consistent machining results.
- **Multiple Repetitive Cycles:** Streamline your workflow with the support for multiple repetitive cycles.
- **High-Speed Rigid Tapping:** Perform high-speed rigid tapping for precise and accurate threading.
- **Standard, Multi-Lead & Variable Lead Threading Cycles:** Choose from a variety of threading cycles to suit your specific requirements.
- **Polar Coordinate Interpolation** for C-axis / Y-axis / Live Tools with Cutter Radius
- **Compensation:** Simplify programming and improve accuracy with polar coordinate interpolation and cutter radius compensation.
- **Lathe G-code systems A/B/C:** Easily switch between different G-code systems for maximum compatibility and ease of use.
- **Chamfering / Corner R:** Create smooth chamfers and corner radii with the integrated chamfering and corner R features.
- **Programmable Data Input:** Streamline your programming process with the programmable data input feature.
- **Direct Drawing Dimension Programming:** Simplify programming with the direct drawing dimension feature.
- **Threading Cycle:** Enhance your threading operations with the built-in threading cycle feature.
- **Polar Coordinate Command:** Easily perform polar coordinate commands for enhanced precision and control.
- **Tool Life Management:** Optimize tool usage and extend tool life with the integrated tool life management system.
- **Tool Length Measurement:** Automatically measure and adjust for tool length, ensuring precise machining results.
- **Helical Interpolation:** Perform complex helical interpolation operations with ease and precision.
- **Polygon Turning:** Achieve precise and accurate polygon turning operations with this advanced feature.
- **High-Speed Skip for Probing:** Save time and increase efficiency with the high-speed skip feature for probing operations.