

## ACTUAL POSITION

X 22.3998  
Z -2.3870

## DIST TO GO

LAST X -1.6816  
Z -4.3619

## SPINDLE

S: 62

## NEXT BLOCK

LAST X -0.3164  
Z -0.0737

## FEEDRATE

F:0.0145  
INCH/REV



## CYCLE CUTTING

AREA 1000.000 ST 2  
TOOL 1000 2FIN X  
FEED/REV 0.0100/IN 2 0.0000  
S-SPD/REV 3500/REV IN 0.1000  
S-DIRECT 100000  
CUR ST X 19.7000  
# X26.375 Z0.2  
# X26.375 Z-0.125 F1000  
# R0.06 F1000  
# R1.375 F1000  
# R11.075 I44.410 X-0.75 F1000  
# R0.125 I20.410 X-0.710 F1000  
# X20.2 Z-0.042 R270 F1000



# FANUC MANUAL GUIDE

# Lathe Fanuc 180t Programming Manual

**Peter D. Senkiw**



## **Lathe Fanuc 180t Programming Manual:**

*Instruction Manual CNC Lathe* Mori Seiki Co,1985      **CNC Programming Handbook** Peter Smid,2003 Comes with a CD ROM packed with a variety of problem solving projects      **Guide to Lathe by Examples** Thanh Tran,2019-07-26

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Example 55 CNC Lathe Programming Example      Numerical Control Lathe Language Study Peter D. Senkiw, 1979 An examination of fifteen numerically controlled lathe programming systems was conducted to characterize them qualitatively and quantitatively. The report presents a description of each of the fifteen voluntary participants' systems. The report describes the non-technical characteristics of each system: the business and operational characteristics such as hardware and software sources and costs, documentation, training, vendor support, and maintenance; tabulates the capabilities of the languages for description of the geometrical configurations of the part being programmed and the variety of the geometrical formats accepted by each system; as manuscript statements discuss the use of macros to simplify the writing of programs to perform the common operations of all lathe work: automatic roughing, finishing along a profile, threading, grooving, and necking; drilling, boring, reaming, and tapping; presents a brief discussion of the distinguishing characteristics of each system; describes the preparation of ten test parts for use in demonstrating the capabilities of the fifteen systems; describes the capabilities demonstrated by the fifteen systems to program the ten test parts; the amount of time required to write the program and to debug it; it shows the success in processing and postprocessing the program and the verification of the output tape.

Cnc Programming Skills S. K. Sinha, 2016-06-01 The present book is the print version of the author's six eBooks in the series CNC Programming Skills: Vol 1 CNC Programming Skills Program Entry and Editing on Fanuc Machines; Vol 2 CNC Programming Skills Understanding G73 on a Fanuc Lathe; Vol 3 CNC Programming skills Live Tool Drilling Cycles on a Fanuc Lathe; Vol 4 CNC Programming Skills Understanding Offsets on Fanuc Machines; Vol 5 CNC Programming Skills Understanding G32, G34, G76, and G92 on a Fanuc Lathe; Vol 6 CNC Programming Skills Understanding G71 and G72 on a Fanuc Lathe.

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