

Line-Arc, Position and Auxiliary

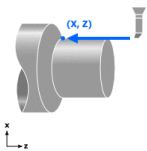
DynaPath WinDelta CNC Lathe · Conversational Programming Quick Guide

Line-arc and position events make single moves; auxiliary events switch machine functions or insert stops, comments and raw G-code. [15.10–15.12]

Line-arc and position Manual 15.10, 15.11

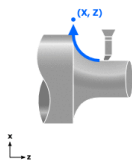
Event	Does
Linear G01	Feed in a straight line to X, Z
CW arc G02 / CCW arc G03	Feed an arc to X, Z
Rapid XZ G00	Rapid to X, Z

G01 Linear Interpolation



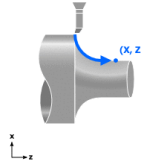
G01

G02 CW Arc Interpolation



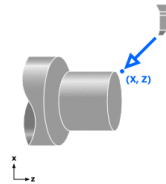
G02

G03 CCW Arc Interpolation



G03

G00 Rapid Traverse

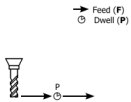


G00

Auxiliary events Manual 15.12

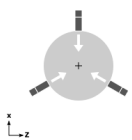
Event	Does
Program stop	M00 stop · M01 optional stop (M01 button on) · M30 end · M99 restart and loop
Coolant	M8 flood · M9 off
Dwell	Pause for X seconds
Tool change / Tool radius compensation	Change tool, or switch nose radius compensation, at this point
Chuck clamp / unclamp	Operate the chuck (auto chuck option)
Reference point return	Send the axes to the reference position
Bar feed / Chip auger	Run the bar feeder or chip auger (if fitted)
Comment	A note in the event list
G-code	Raw G-code in SNC, blocks separated by ';'. Must not end with an empty line

Dwell



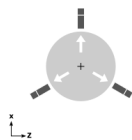
Dwell

Clamp



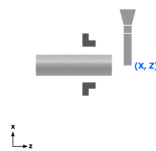
Chuck clamp

Unclamp



Chuck unclamp

Bar Feeder



Bar feeder