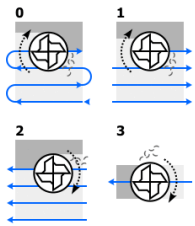


Face Mill Event

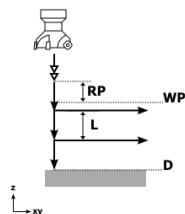
DynaPath WinDelta CNC Mill · Conversational Programming Quick Guide

The **Face mill** event machines a flat top surface over an area, layer by layer down to the target depth. [15.8]

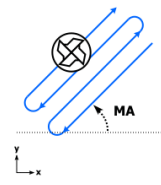
Geometry	Open or closed paths (the area to face); several in one event
How it runs	Starts with a tool change and tool length compensation, moves to the safe height, starts the spindle and coolant, rapids to the plunge height, then plunges at plunge feed. It then faces the area at feed, one step-down at a time.



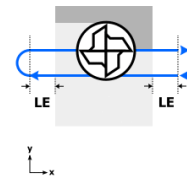
MD milling direction



Depths RP, WP, D, L



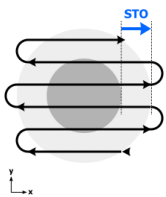
MA milling angle



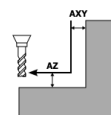
LE lead distance

Parameters Manual 15.8

Code	Meaning	Code	Meaning
T	Tool	RP	Plunge safe height (above WP)
WP	Start depth (absolute)	D	End depth (absolute)
L	Step-down per pass	MD	Direction: both ways, conventional, climb, one line
MA	Milling angle	LE	Lead distance (% tool Ø)
STEP	Step-over (% tool Ø)	STO	Stock offset: how far past the edge to run
AZ	Stock left on the surface	S	Spindle RPM (– for CCW)
P / F	Plunge feed / cutting feed	CL	Coolant: off, air, flood



STO stock offset



Allowance AZ

NOTE Set the path to the stock size, not the finished size, and use STO so the cutter clears the edges fully.