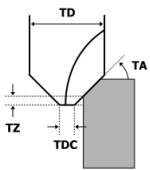


Chamfer Event

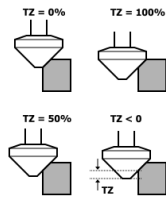
DynaPath WinDelta CNC Mill · Conversational Programming Quick Guide

The **Chamfer** event mills a chamfer along an edge using a shaped chamfer tool, defined by its tip diameter, tip angle and how far down the cone it cuts. [15.6.4]

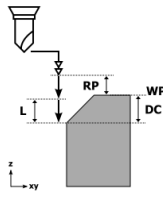
Geometry	Open or closed paths of any shape; several paths in one event
How it runs	Starts with a tool change and tool length compensation, moves to the safe height, starts the spindle and coolant, rapids to the plunge height, then plunges at plunge feed. It then mills along the path for each depth pass until the chamfer depth is reached.



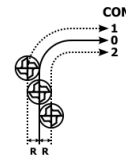
Tool TD, TDC, TA, TZ



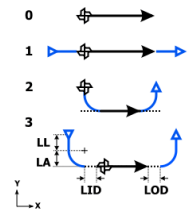
TZ tip offset 0–100 %



Depths RP, WP, DC



COM cutter comp



Lead in / out

Parameters Manual 15.6.4

Code	Meaning	Code	Meaning
T	Tool number	TDC	Tool tip diameter
TA	Tool tip angle (from horizontal)	TZ	Tip Z offset: % of max Ø touching the top edge
COM	Cutter comp off / left / right	RP	Plunge safe height (above WP)
WP	Start depth (absolute)	DC	Chamfer depth (height in Z)
LN	Number of reducing depth passes	LID / LOD	Lead in / out tangent extension
LL / LA	Lead line length / arc radius	S	Spindle RPM (– for CCW)
P / F	Plunge feed / cutting feed	CL	Coolant: off, air, flood, CTS, CTS + flood

NOTE Enter the real tool geometry (TDC, TA): the control uses it to work out where the cone meets the edge. TZ = 0 % cuts at the tip, TZ = 100 % at the full diameter.