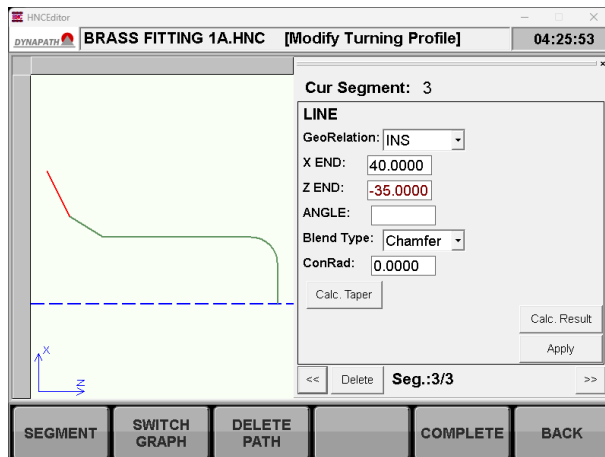


Profile Event (Part Shape)

DynaPath WinDelta CNC Lathe · Conversational Programming Quick Guide

The **profile** event holds the finished part shape. Stock removal and irregular groove events cut to it: program the profile first, then point those events at it with **REF**. [15.5.1, 15.5.6]

Make the profile Manual 15.5.1



Profile path editor [Fig. 15.5-1]

- 1 Insert a **Profile** (Turning Profile) event and give it a reference name.
- 2 **Edit Path**: enter the start point, then add each **SEGMENT** (line or arc) with its X and Z end point.
- 3 Blend corners by choosing chamfer or fillet with the corner size **ConRad**.
- 4 Press **COMPLETE**, then **SAVE**. Or use **Import Path** to pick the shape from a DXF (LC14).

CAUTION Draw the profile in the **X+ / Z+** quadrant, **from right to left**, with X as a **diameter** and +X away from the centreline. [15.5.1]

Which event uses the profile?

Event	Guide
Stock removal – turning G71	LC3
Stock removal – facing G72	LC4
Stock removal – pattern repeat G73	LC5
Irregular groove	LC11



Profile path [15.5.6]