

Pattern Events

DynaPath WinDelta CNC Mill · Conversational Programming Quick Guide

Pattern events repeat a run of contour or pocket events at other positions, without programming them again. Insert the pattern **after** the events it repeats. [15.10]

Settings every pattern uses

Code	Meaning	Code	Meaning
FR	First event to repeat (event label)	LR	Last event to repeat (event label)
PR	Also machine the original in place: yes / no	SK	Skip this many positions from the start

Linear array Manual 15.10.1

Rows and columns of copies.

Code	Meaning	Code	Meaning
SP	Start at the referenced event, or a custom point	BX, BY	Array start point (absolute)
BA	Array angle (-360 to 360)	R / C	Number of rows / columns
DX	Column spacing	DY	Row spacing

Circular array Manual 15.10.2

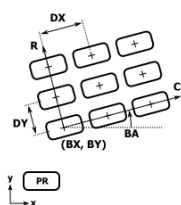
Copies around a circle.

Code	Meaning	Code	Meaning
CX, CY	Circle centre (absolute)	R	Radius
SA	Start angle from +X	TN	Positions per full revolution
N	Number of copies to machine		

Location array and Rotate Manual 15.10.3, 15.10.4

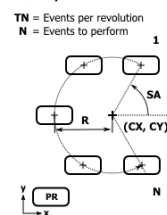
Pattern	Settings
Location array	PL list of XY points · RE keep the relative positions between the referenced events
Rotate	Copies around a centre and also rotates the geometry: N repeats · P plane XY / YZ / ZX · BU, BV centre · DA angle step

Line Array



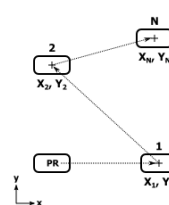
Linear array

Arc Array



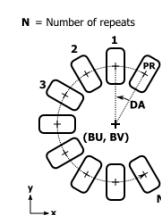
Circular array

Location Array



Location array

Rotate



Rotate