Tangential control incl. cycles

Productivity | NC Technology



Series

H | F | C | MCH | MCi

Control

SIEMENS Solutionline | SIEMENS Powerline

The tangential control allows tracking of the rotary axis in the direction of the tangent of two path axes. It is applied for example if a tool, oriented towards the tangent (tangential), is to be guided to the traversed workpiece contour.

Characteristics

_ The cycles permit any ZX contours with straight and circular elements

_ Contours can be executed with or without path correction (cutting radius correction) G40 / G41 / G42

_ Boring bars with suitable cutting edge shapes (similar to turning tools) are used as machining tools

Benefits

_ HELLER cycles are easy to parameterise

_ Boring of recesses on 4-axis machines possible

Requirements

_ SIEMENS Solutionline

_ SIEMENS Powerline