

Новые возможности CAM350

Версия 12.2

New Functionality

The following functional enhancements are contained in Release 12.2

Slot Checking in DFM Streams

Mill Path Compensation Option for Straight Corners

Slot Checking in DFM Streams

Support for slots added to Drill Spacing and Annular Ring Checks

Existing checks were updated to support checks against slotted holes. (57955)

Support for slot verification was added to Drill spacing checks, including:

UDTHC – Unplated Through Hole Drill to Copper

UDTHP – Unplated Through Hole Drill to Pad

UDTHT – Unplated Through Hole Drill to Track

DTHC – Through Hole Drill to Copper

DTHP – Through Hole Drill to Pad

DTHT – Through Hole Drill to Track

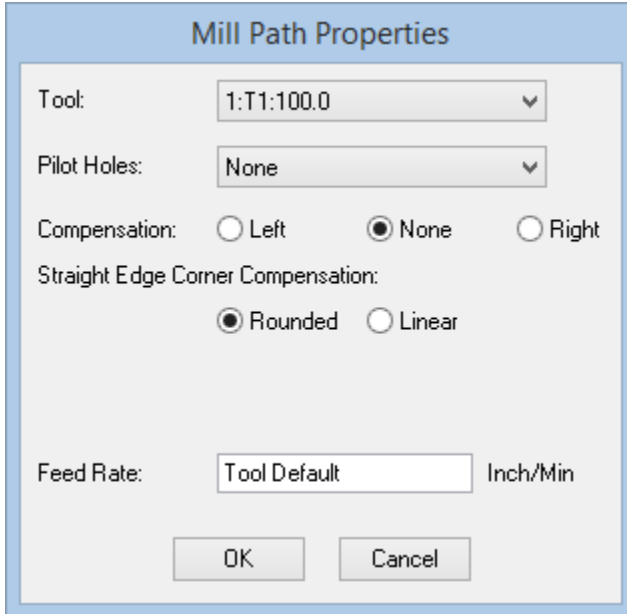
Support for slot verification was added to the existing Annular Ring check:

CPD - Pin Pad to Drill

Mill Path Compensation Option for Straight Corners

New Compensation Option for Mill Paths

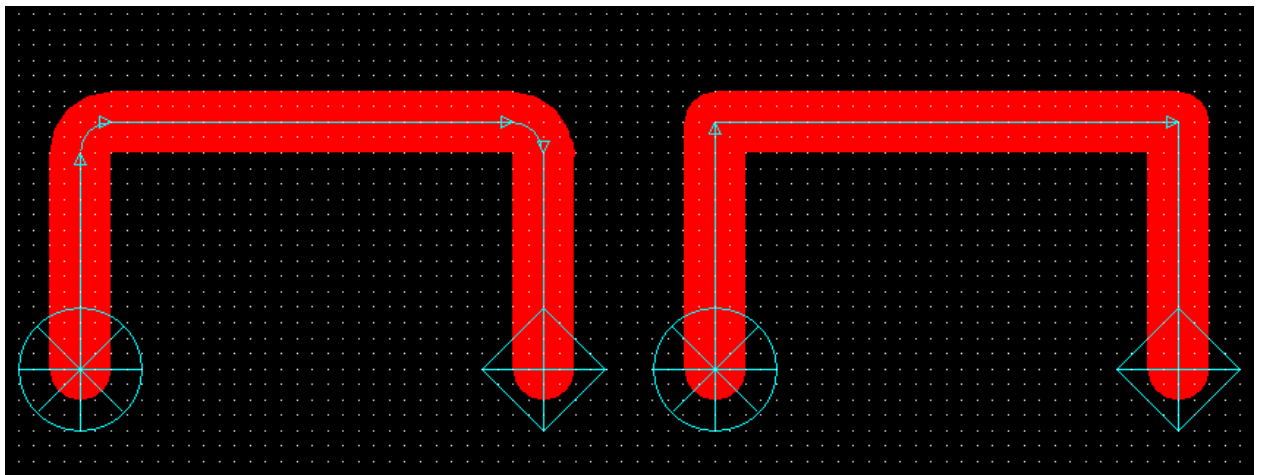
Mill Path Properties can be used to set Rounded or Linear compensation for Straight Edge corners. (57918)



The screenshot shows the 'Mill Path Properties' dialog box with the following settings:

- Tool: 1:T1:100.0
- Pilot Holes: None
- Compensation: Left None Right
- Straight Edge Corner Compensation: Rounded Linear
- Feed Rate: Tool Default Inch/Min
- Buttons: OK, Cancel

The left image is Rounded compensation. The right image is linear compensation.



Defect fixes for CAM350 V12.2

Software corrections and enhancements have been made to previously existing functionality, further improving upon CAM350's quality and reliability:

Build 1127

Project ID Description

ODB++ Import 58498 ODB++ import Expedition 8.1 false warnings on CAD Netlist

User Interface 58469 Layer Bar Classic displays context menu incorrectly

Build 1124

Project ID Description

ODB++ Import 58276 ODB++ import false warnings on missing SMD pads

ODB++ Import 58291 ODB++ netlist incorrect for small test point shapes

Auto Import 58293 Wrong drill data precision for PADS Layout data

Mill Import 58258 Mill import does not retain self-intersections

Mill Export 58271 Mill export failure on small arcs

Mill Export 58283 Circle Mill path lost on export

Gerber Import 58292 Gerber import error – incorrect layer polarity handling

Gerber Import 58303 Gerber import error – incorrect CAP rotation

DXF Import 58366,

58309

DXF import error – incorrect arcs for polygons with variable widths

Graphics 58329 User defined graphics lost for buttons

Panel Wizard 58262 Bad rotation on second run of Panel wizard

Undo 58308 UNDO closes CAM350

Undo 58255 Hang on UNDO

BPD Import 58248 Incorrect Panel Data on BPD load into CAM350

Mill Export 58259 NC Origin ignored on panel data export

File Merge 58058 Parts with null fields created on File Merge

Milling 58062 Compensated routes get arcs on corners

Mill Export 57918 Mill export small arcs added

Import 57955 Slots not coming across and being checked

Import 57965 Outline polygon results in invalid data

Netlist Reports 58074 Netlist report missing pins

Draw To Raster 58370 Polygon Conversion Draw to Raster incomplete for sample vector polygons

Minimum Gap 58285 Minimum Gap check does not retain errors for invisible layers

Design

Compare

54863 Run one up border work with Design Compare

Import/Export 56799 Plating not retained on ODB++ IPC-2581 export/import

Netlist Extract 56894 Milled slots in Netlist Extract

DXF Import 58366 DXF import creates bad arcs in Polygons

DXF Import 58309 DXF import problem

Highlight 58241 Highlight and Redraw problems with large objects

Selection 57951,

58306

Select all does not highlight all data

Query 58342 Query dialog does not displace for Chinese CAM350

