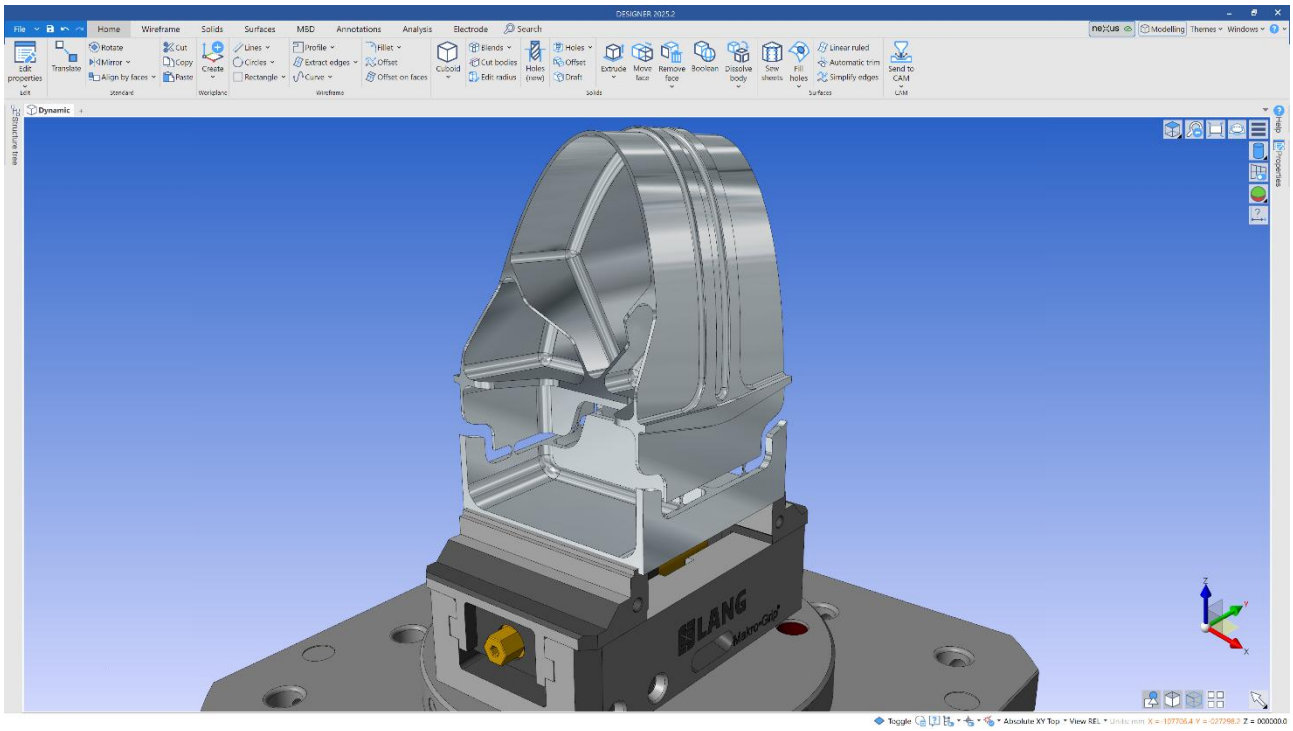
What's New in DESIGNER 2025.2



This document highlights new product features and enhancements in DESIGNER 2025.2.

22 May 2025

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Highlights

- Improved performance.
- Modernised and migratable **User settings**.
- **Constraint sketching**:
  - Improved user experience and better sketch behaviour.
- New **Holes** command:
  - A dedicated command for hole generation.

Licensing Changes

RMS Upgrade for Network Licences

- This version has the first RMS upgrade in many years. It uses RMS 10.2, which brings CLS up to date for use with the latest compilers and operating systems.
- The update will require all Network License Servers to be upgraded to Sentinel RMS License Manager 10.2.
- This update is available from the install location:

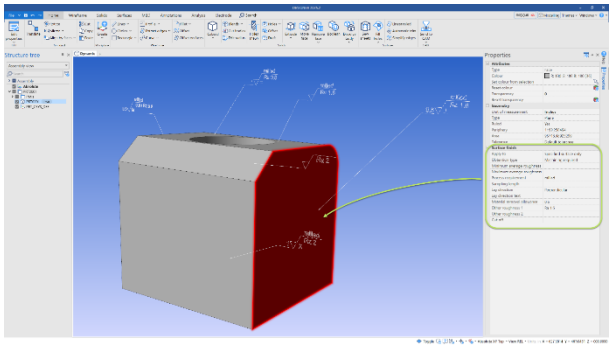
  C:\Program Files\Hexagon\DESIGNER 2025.2\bin\x64\CLS-Collateral\License Manager Installation\Sentinel RMS License Manager 10.2.0.msi

Automation only on SMA

- Macros and Scripting capabilities are now only available on licences that are in maintenance.

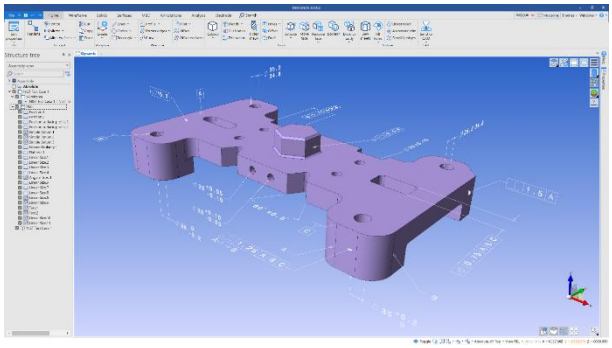
Libraries

Alternative Library: Creo - Surface Finish



- Surface Finish is now correctly loaded, both semantically and graphically, using the Datakit libraries (Alternative).
- Benefits:
  - Surface finish information is automatically embedded to faces with all the necessary information.
  - Graphical annotations are readable.

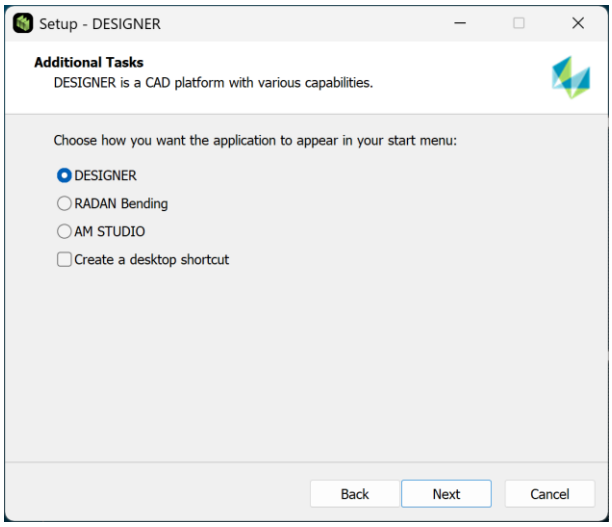
Alternative Library: STEP AP242 – PMI Import

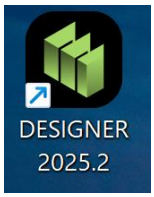


- Diameter tolerance graphical annotations are now correctly loaded into DESIGNER 2025.2 using the Datakit libraries.
- Correct scaling is now applied to parts and their graphical annotations.
- Benefits:
  - Better quality data of imported files with graphical annotations.

General Enhancements

Installer: Choose your application





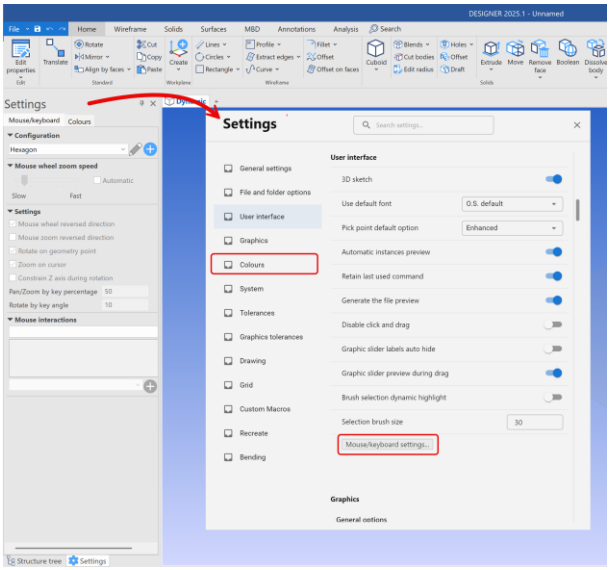
- In the latest version of DESIGNER, you can choose which application name should appear in your start menu:
  - DESIGNER.
  - RADAN Bending.
  - AM Studio.
- This is in preparation for the RADAN Bending and AM STUDIO launches which are built on the DESIGNER CAD Platform.
- Benefits:
  - Easier for everyone to use their favourite application.

Quicker Workspace switching



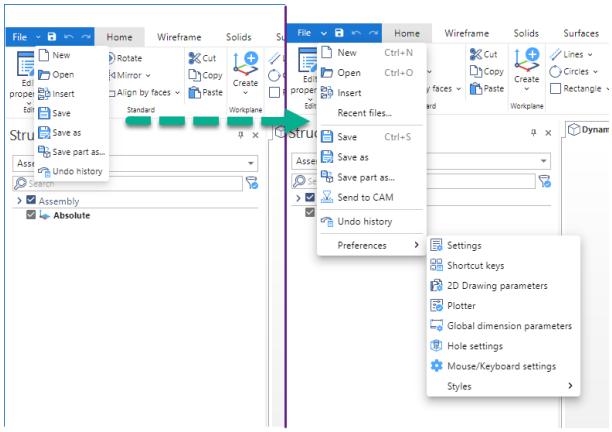
- It is now possible to quickly and easily change between workspaces by double-clicking on the desired one.
- Benefits:
  - Quickly change between Workspaces without having to click **Apply workspace**.

Consolidated Settings



- In a continued effort to make DESIGNER easy to update from version to version, and future-proof, we have migrated more settings to the new **Settings** dialog.
- Latest enhancements:
  - Migratable **Mouse/keyboard** settings.
  - Migratable **Colours** and custom background colours.
  - New position of the **Settings** dialog to view the graphics area.
- Benefits:
  - Smooth upgrade path to new versions.
  - Settings are easier to find, located in a single dialog and searchable.
  - Easier to make changes with feedback from the graphics area.

Move common backstage functions to the main window

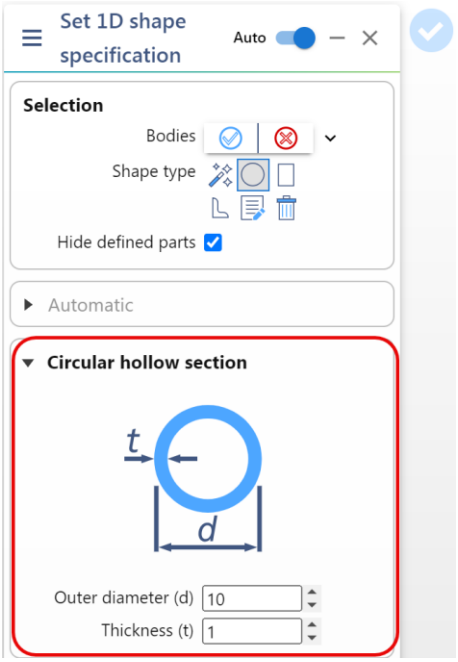


- We are currently moving more functions from the backstage to the main window.
- Moving towards an interface that focuses users on their work by:
  - Having the most frequently used tools accessible quickly.
- Benefits:
  - The main interface is becoming more simplified.
  - Quick access to the most frequently used tools.

Start-up time 60% faster

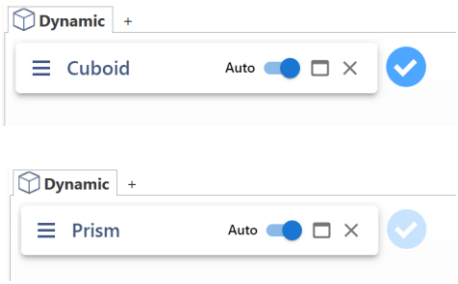
Overall, the start-up time of the application has greatly improved. The first run has significant time reductions of up to 60% compared to previous versions, with subsequent opening times improved by up to 35%.

Diagrams in commands



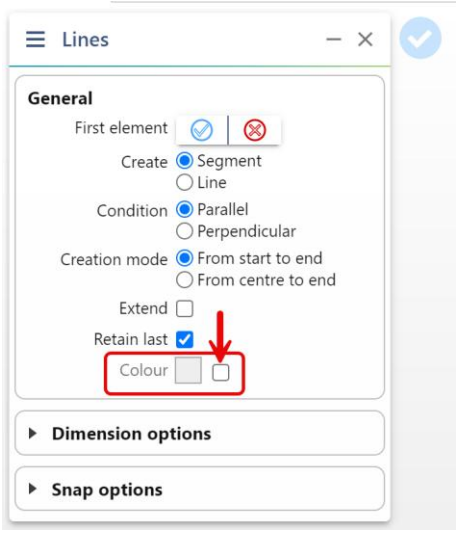
- Instructional diagrams have been included in the **Set 1D shape** command.
- Benefits:
  - Easier for users to input the required information.

Commands retain minimised state



- If a command is closed in minimised state, the next command that is opened is also minimized. This only happens during the active application session.

Colour modifiers in Wireframe commands

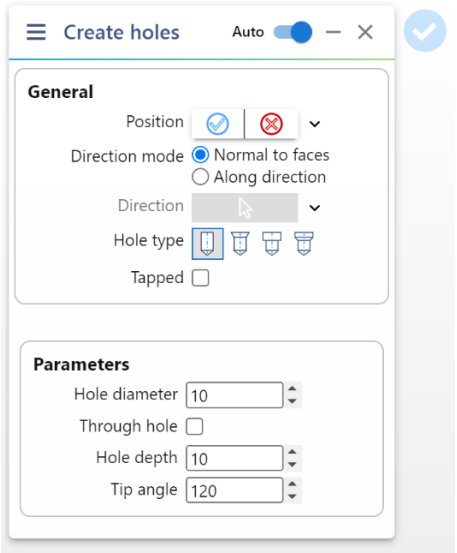


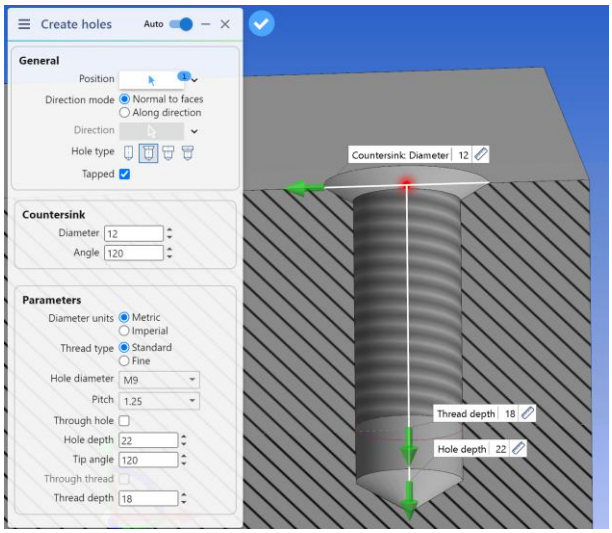
- Colour modifiers have been added to the **Wireframe** commands, enabling users to pick the colour, as required, during the creation of the wireframe.

Modelling Enhancements

New Holes command

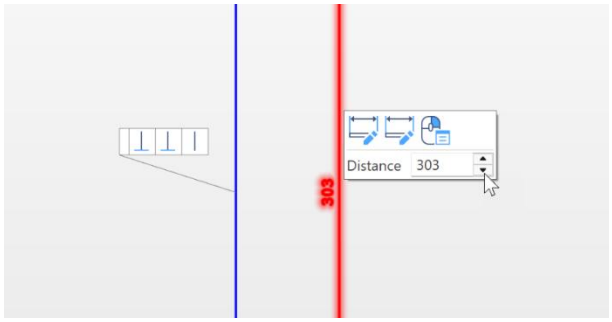


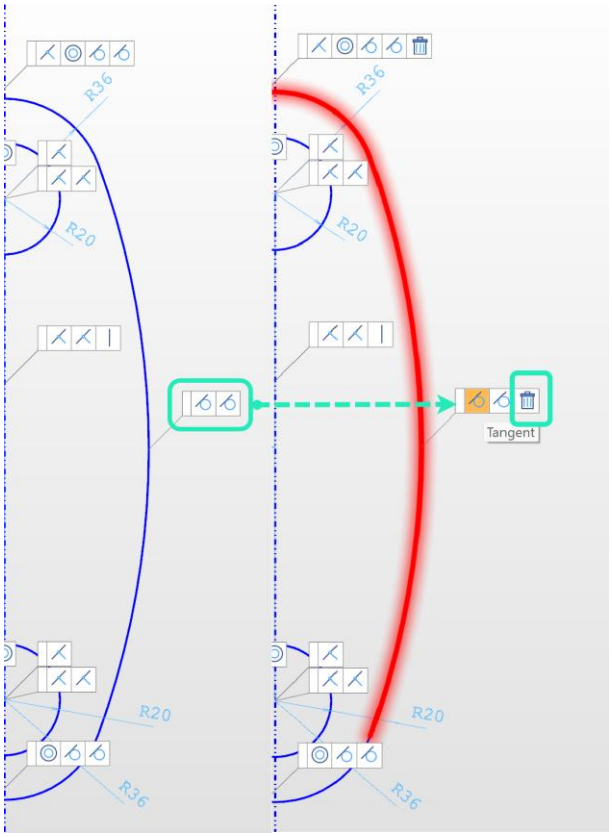




- We have developed a new dedicated **Holes (new)** command for creating holes.
- This command aims to fully replace the 25 individual hole commands.
- It currently supports:
  - Hole types: Drill, Countersink, Counterbore and Counterdrill.
  - Ability to add thread data and create tapped holes.
- Benefits:
  - Easier to navigate and faster creation of holes.
  - A single command comprising of all the necessary settings for hole creation.
  - Improving the user experience.

Constraint Sketching enhancements





- Quickly activate a sketch by double-clicking.
- Quickly change a dimension.
- Improved positioning of angle constraints. The user has full control over where to place and define angle constraints.
- Decluttered the constraints view:
  - The delete icon is only shown on constraint selection.
- Benefits:
  - More intuitive solution.
  - Improved user experience.
  - Improved interrogation and fixing of sketches.

Sheet Metal Enhancements

Exporting Bend counts from unfolder

- Bend count details are now included in Sheet metal unfolding components to be used by the new 'Radan quoting'.
- Bending operation costs included in quotations are:
    - Total bend count.
    - Upfold and downfold count.
    - Bend radii, angle and length.
- Benefits:
    - Autotomatically including bend costs reduces the risk of under-quoting.