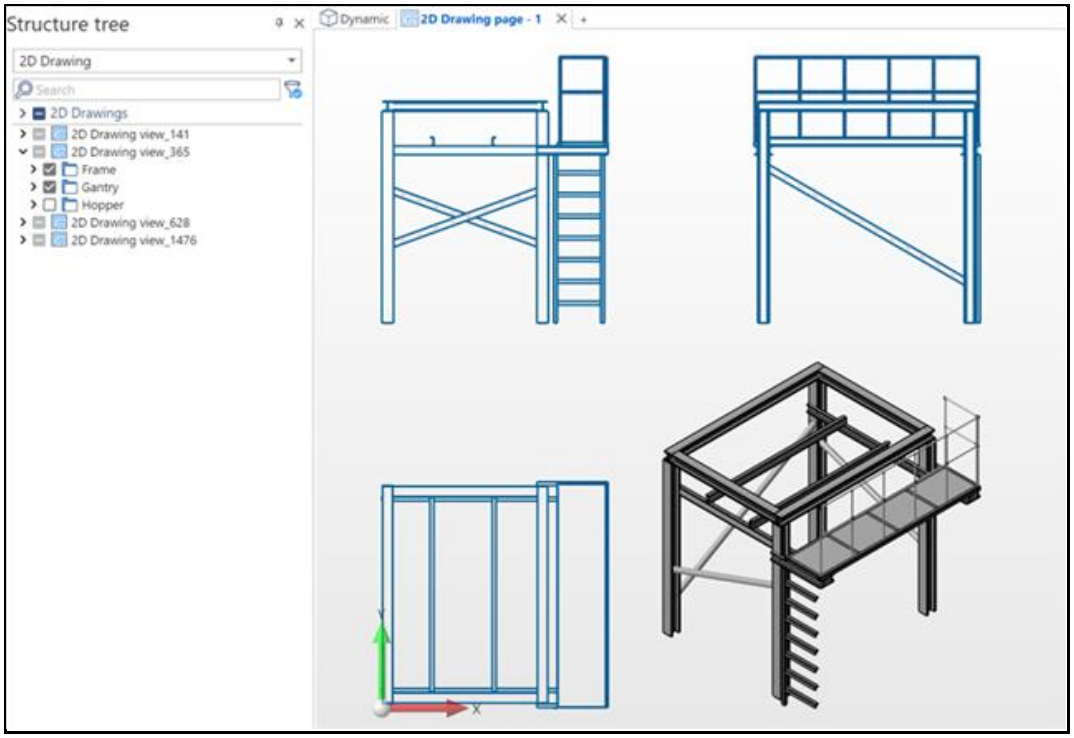
What’s New in DESIGNER 2025.3



This document highlights new product features and enhancements in DESIGNER 2025.3.

21 August 2025

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Highlights

- 2D Drawings work better with the Structure Tree.
- **Constraint sketching** supports the use of Points.
- Additional enhancements to the new **Holes** command.
- Settings for the unfolder.

Note: In 2025.2, the RMS licensing server was updated to 10.2 If you are using a network license and have not already updated, you will need to update now.

Licensing Changes

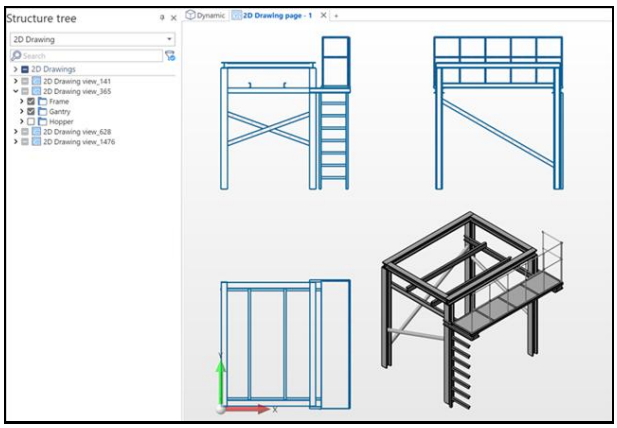
RMS Upgrade for Network Licences

- The previous version had the first RMS upgrade in many years. It used RMS 10.2, which brings CLS up to date for use with the latest compilers and operating systems.
- The update requires 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 2025.3\bin\x64\CLS-Collateral\License Manager Installation\Sentinel RMS License Manager 10.2.0.msi

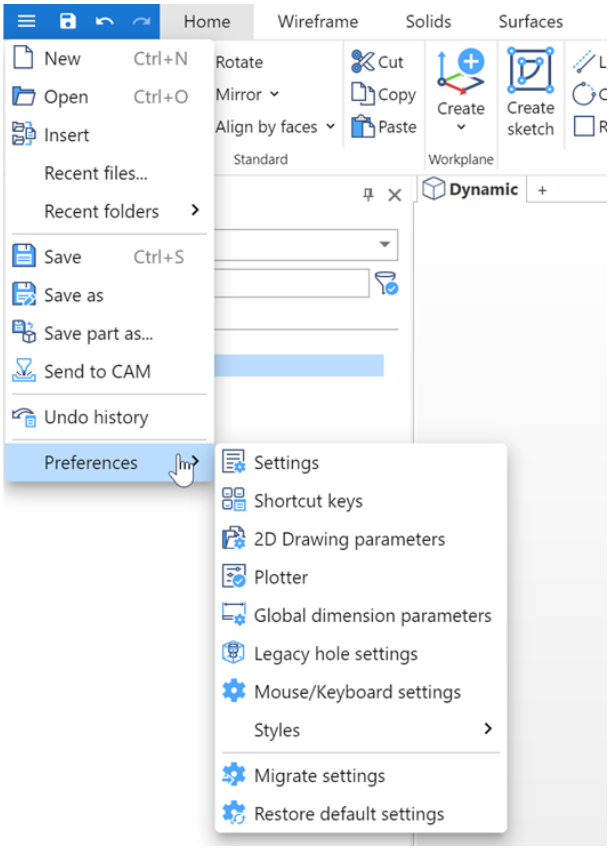
General Enhancements

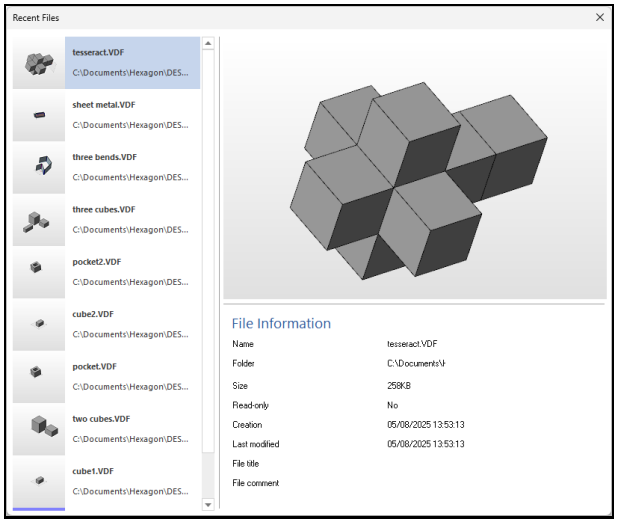
2D Drawings and the Structure Tree



- The **Structure tree** now has a mode for **2D Drawings** allowing management of the drawing data.
- The visibility of parts can also be managed to allow updates to be viewed easily.

Backstage Removal

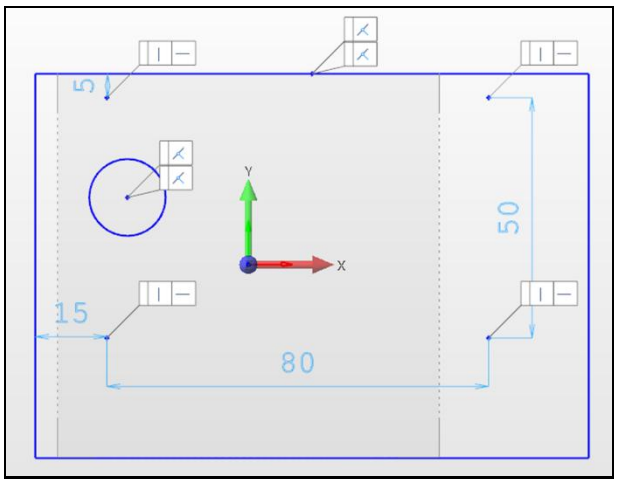




- As part of the move towards a modern and future-proof User Interface, we have retired the Backstage.
- The same content is now available through the main 'Burger' menu.
- The preview of recent files is now in its own window.

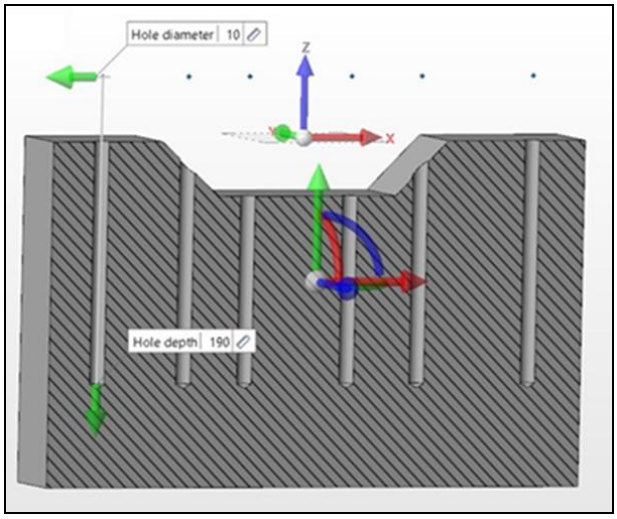
Modelling Enhancements

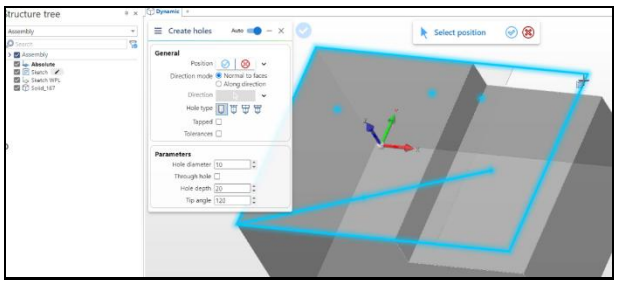
Constraints Sketching - Points

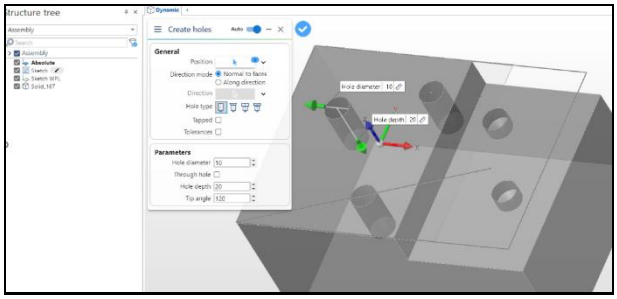


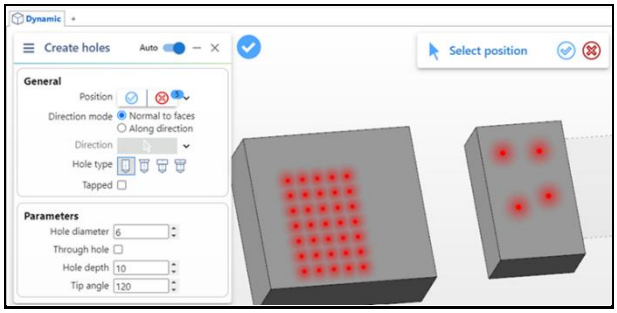
- Constraints can now be attached to individual points in addition to wireframe elements.
- These include Dimensions, Fixed / Coincident point, and Vertical / Horizontal alignment constraints.
- Coincidence constraints are automatically added for start, end, mid, and centre-points, on lines, segments, arcs, and circles.
- To make it easier to view points within constraint sketches, the default style has been changed to use a cross. This can be changed in the **Settings**.

Holes - Enhanced Point Picking



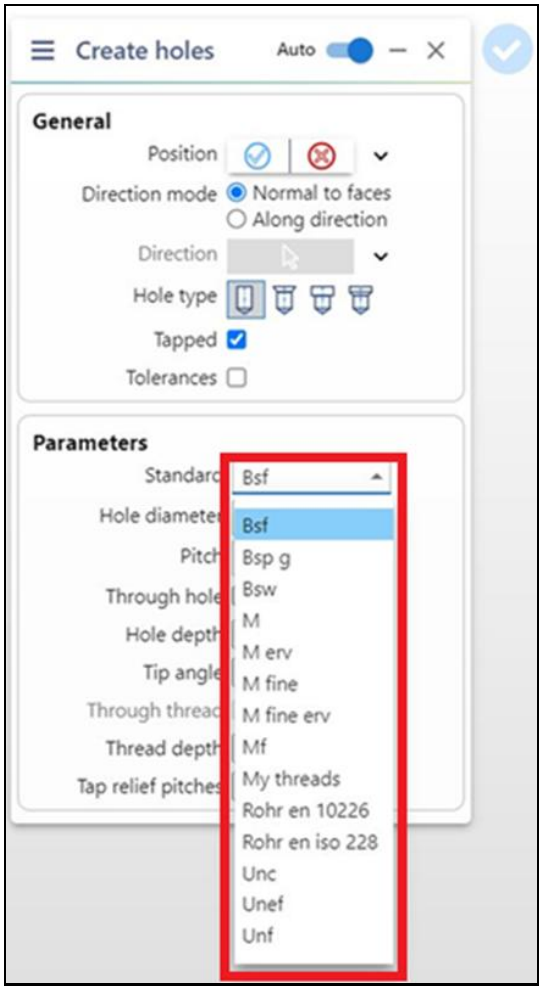






- The selection of points for positioning holes has been enhanced to allow the selection of repeated points above a surface, allowing the same depth to be measured from the same starting height for multiple holes.
- You can also now select a sketch to create holes positioned at its points.
- Window selection has been enabled allowing selection of a collection of points to create multiple identical holes at the same time.

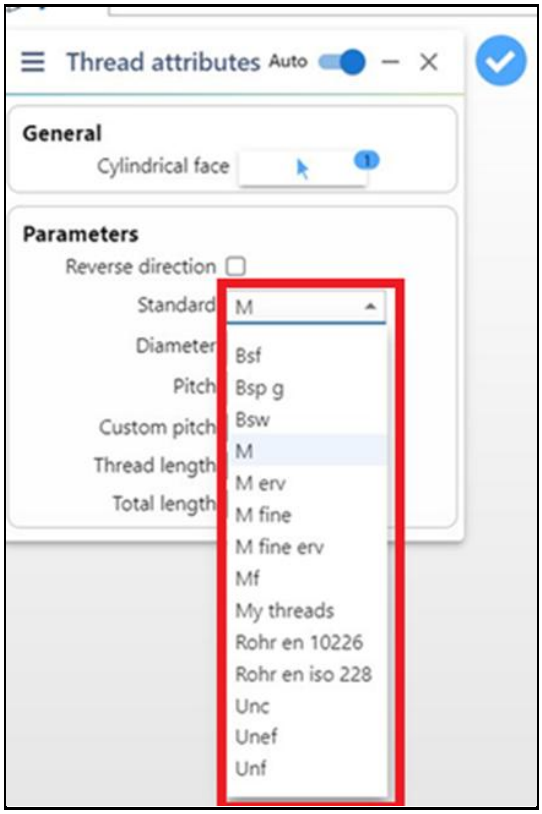
Holes - Thread Standards



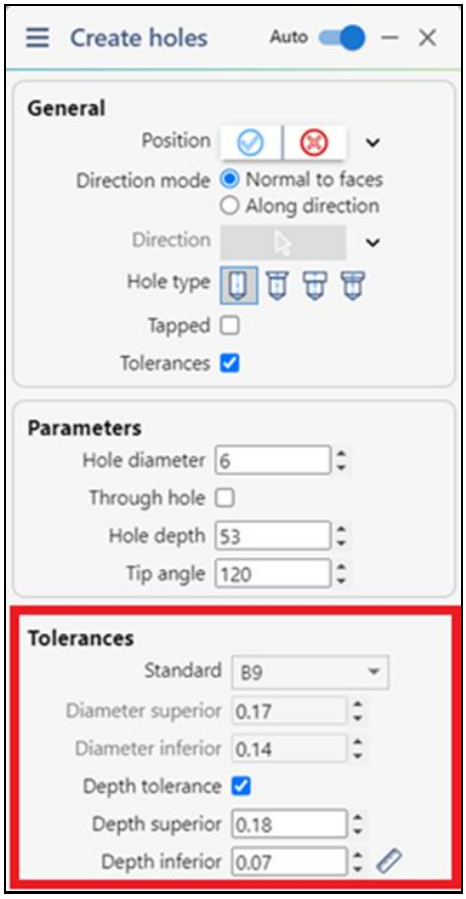
- The standard thread information has been migrated from an Access database into XML.
- This is now used by both the new **Holes** command and the **Thread attributes** command.
- Custom standards can also be created by adding one or more XML files to:

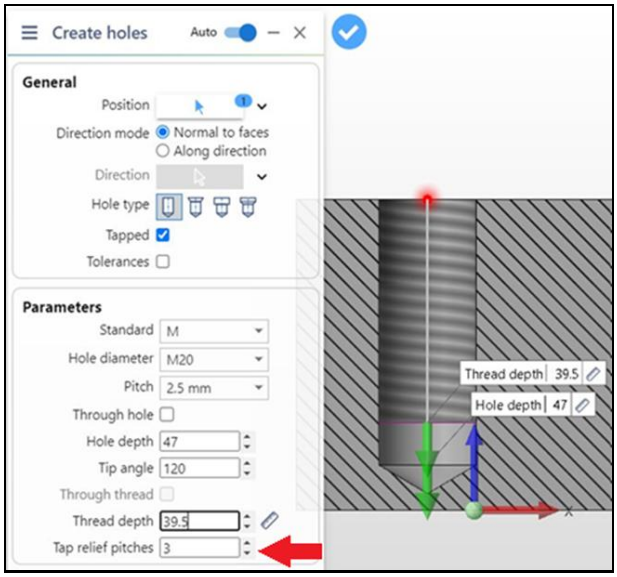
  C:\ProgramData\Hexagon\DESIGNER 2025.3\Library\CustomThreads\.

  A template showing the structure can be found in the Templates subfolder.


Thread attributes
Auto
General
Cylindrical face
Parameters
Reverse direction
Standard
M
Diameter
Pitch
Custom pitch
Thread length
Total length
Bsf
Bsp g
Bsw
M
M erv
M fine
M fine erv
Mf
My threads
Rohr en 10226
Rohr en iso 228
Unc
Unef
Unf

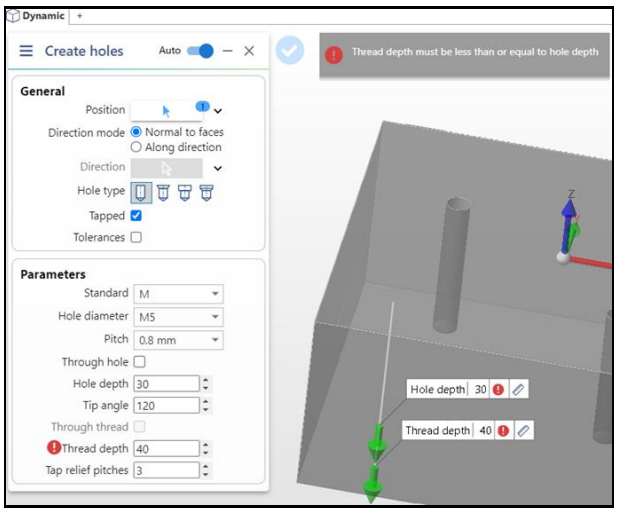
Holes - Tolerances and Tap Relief

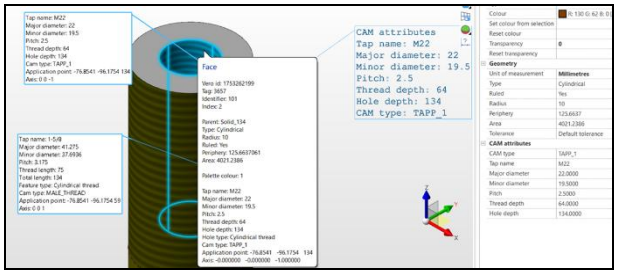




- New tolerance information has been added to the new **Holes** command:
  - For standard holes, this includes Diameter and Depth tolerances.
  - For tapped holes, the tap relief (as a number of pitches) is included.

Holes - Interface Improvements

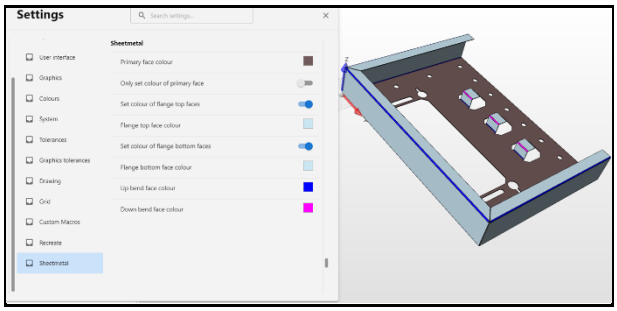




- The interface for the new **Holes** command has been improved to provide more detailed error feedback and to standardise the thread terminology.

Sheet Metal Enhancements

Sheet Metal Settings



- There is now a new area in the **Settings** dialog for colouring options associated with the unfolder.
- The **Settings** dialog can be found under the ‘Burger’ menu at the top-left of the ribbon.

Translator Enhancements

New Supported File Formats

This release continues the DESIGNER tradition of bringing updated format support and continued enhancements and fixes to further improve the robustness and performance of 3D Modelling and InterOperability.

The SolidLink component, which provides the appropriate converters for the different CAD formats, is constantly being improved. This application, which is installed during the DESIGNER installation, is available in the \Program Files\Common Files\Hexagon\SolidLink 2025.3 folder.

SolidLink will be automatically updated when installing a Software Update of DESIGNER. If SolidLink is not installed, it will be impossible to run any import and export translation operation.

Concerning supported formats, to get the most from your data by bringing it all together, the translator's libraries have been consolidated both for import and export.

The new capabilities of this version are as follows:

- Inventor reader support to Inventor 2026 (Alternative library).
- NX/Unigraphics reader support to NX2412 Series (until 2412.7000) (Alternative library).
- Revit reader support to Revit 2026 (Alternative library).
- CATIA V5 Writer support for CATIA V5-6R2025 (Alternative library).