

DRAFTSIGHT MECHANICAL

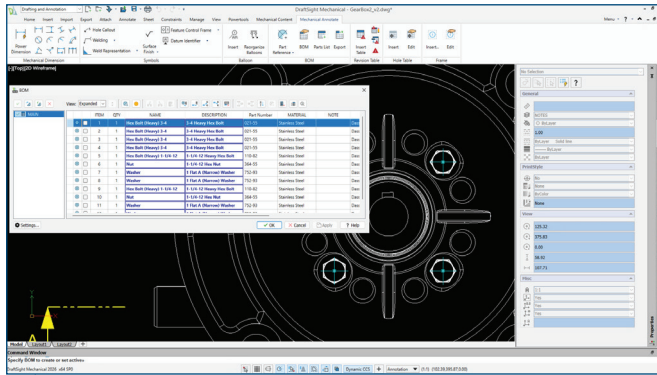
SAVE TIME AND OPERATING COSTS WITH THE ABILITY TO INTELLIGENTLY CREATE AND WORK WITH LEGACY MECHANICAL DWG FILES

Increase productivity by updating mechanical entities in DWG format and meet your drafting needs using robust solutions from the makers of **SOLIDWORKS®**.

OVERVIEW

DraftSight Mechanical includes the capabilities of DraftSight Premium, offering comprehensive support for both 2D and 3D DWG files for rapid prototyping, manufacturing, laser cutting, 3D printing, and more. DraftSight Mechanical adds advanced features that enable you to create, share, and update mechanical drawings that contain or require traditional mechanical components in DWG format. You have the flexibility to work with your DWG data on premises with DraftSight Mechanical, or in the cloud with DraftSight Mechanical connected to the **3DEXPERIENCE®** platform.

KEY CAPABILITIES



Easily manage part references that are associated with their respective components using your bill of materials.

Efficient: Work faster with native support for legacy mechanical drawings and automated BOM management.

- Save time with the ability to view, create, and edit legacy 2D assembly drawings directly from within DraftSight Mechanical.
- Ensure bill of materials (BOM) accuracy with support for part references and related item callouts created with legacy 2D mechanical CAD applications or DraftSight Mechanical.
- Add intelligence to your 2D entities with part references for accurate BOM management. Modify existing part references and automatically create new ones leveraging the hardware library or user-defined custom blocks.

Accurate: Reduce errors and improve drawing precision with intelligent parts lists and balloon management.

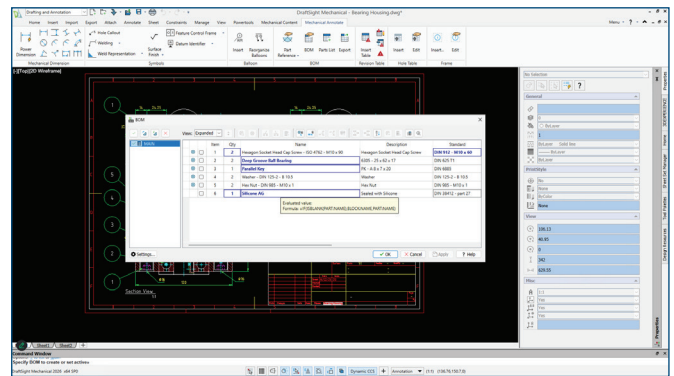
- Reduce operating costs by documenting accurate parts lists and assembly instructions, removing the need to locate absent components or correct the assembly process.
- Improve the overall accuracy of your assembly drawings with the ability to annotate and label drawings by creating or reorganizing balloons associated with a parts list.

Compliant: Maintain international drafting standards and keep layers organized automatically.

- Maintain compliance with the ability to create 2D drawings that meet international drafting standards such as ANSI, ISO, DIN, JIS, and BSI.
- Save time by ensuring your layers remain organized and aligned with your standards using the Mechanical Layers Manager and layer groups.

Connected*: Streamline teamwork with centralized data storage and real-time collaboration across any device.

- Store 2D design data in a centralized, secure location in the cloud.
- Streamline data management with built-in revision control of any DWG files so you always work with the right version.
- Collaborate seamlessly with the ability to view, share, annotate, discuss, visualize, and edit DWG files from any device.



Create overwrites for specific parts in your bill of materials.

*These capabilities are available only in DraftSight Mechanical connected to the 3DEXPERIENCE platform.

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for Real Life**

