

# Talk Track | DraftSight Mechanical

## What is it?

DraftSight Mechanical is a DWG-based 2D and 3D design solution. It builds on the features of DraftSight Premium, adding functionalities specifically useful for mechanical engineers and designers. You can manage Part References, BOM, Parts Lists, Balloons and Frames.

## Benefits of DraftSight Mechanical

DraftSight Mechanical is a software package designed for creating and modifying mechanical drawings in DWG format. Key benefits include:

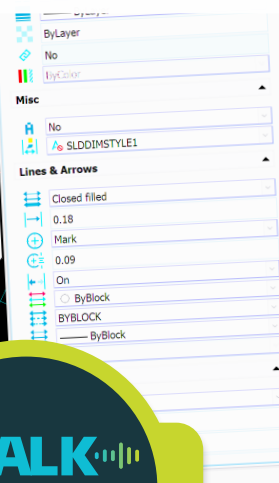
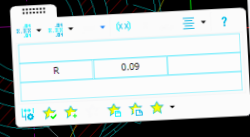
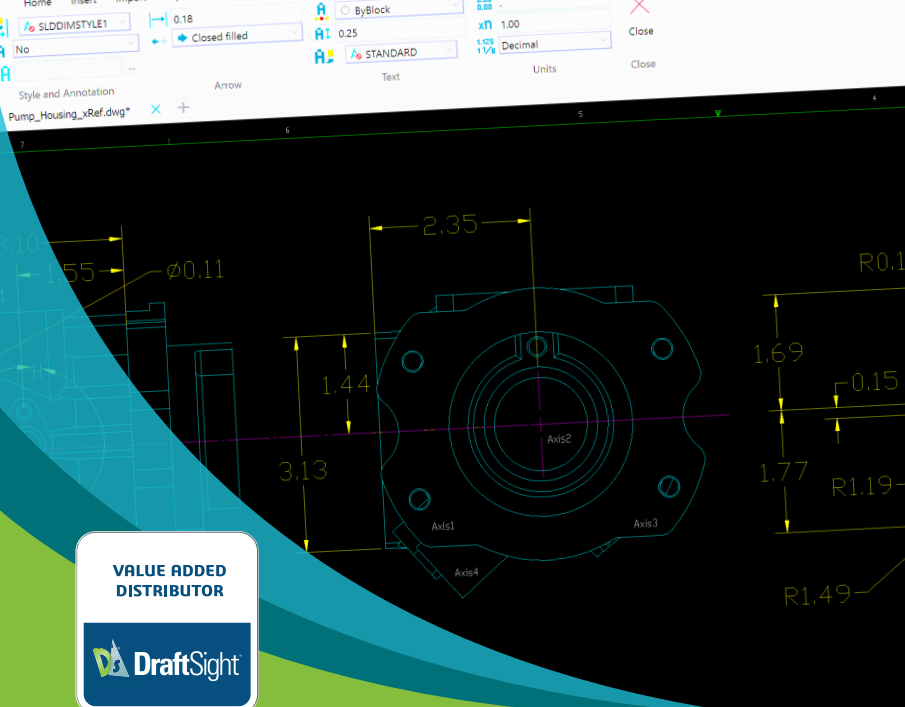
- **Mechanical Entity Support:** Work effectively with mechanical entities and objects within DWG files. This includes creation, editing and manipulation.
- **Modify Existing BOMs:** Created with other tools and generate new ones directly within DraftSight Mechanical with customisation to match your company standards.
- **Standards Compliance:** The software adheres to national and international drafting standards, including ANSI, ISO, DIN, JIS and BSI.

## Key Features of DraftSight Mechanical

DraftSight Mechanical advanced functionality is designed to work with mechanical entities and objects in the DWG file format with full support for ANSI, ISO, DIN, JIS and BSI standards. Users can work in empirical, metric or both at once with a dual unit display.

### Part References

Part references add intelligence to 2D entities so they will be treated as a separate part for bill of material tracking. Make or update existing part properties such as number, description, vendor, etc. Save time and work from a robust hardware library. Existing part references can be modified, and new ones are automatically created when using the hardware library or can be created for user defined blocks.



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### Key Features of DraftSight Mechanical

#### BOM & Parts Lists

The BOM aggregates all part references for the drawing. Create new and update existing BOMs that detail properties of the components such as part number and quantity. The parts list is a visual table on the drawing that allows you to organise the BOM to your liking to complete your drawing.

#### Balloons & Frames

Annotate and add notes to your drawings by creating or reorganising balloons associated to a parts list. The balloons feature is supporting part references so you can use it both for content previously created with your legacy mechanical system and with DraftSight Mechanical.

Frames gives you an easy ability to fit your designs into title blocks with a simplified scaling process.

### Who's it for?

Advanced users that require 2D drafting and 3D design capabilities, plus features that allow users to update drawings containing mechanical entities.