



# Creo Intelligent Fastener 8.0.5.0

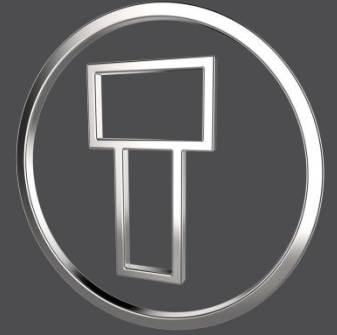
*What's New*



# Changes

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- Set thread depth to 'Through Thread' if a hole with through thread is selected. SPR-13264653
- If a translation file is missing, the name of the file is output in the trail file. SPR-13567673
- Fixed problem with placement of nut or insert in subassembly.
- Fixed an error when reading \*.dat files. If a line contained more than 256 characters, a crash occurred.
- Fixed problem in search of 'Load Screw Fastener' dialog.



# Creo Intelligent Fastener 8.0.4.0

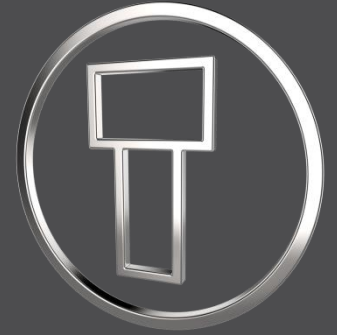
*What's New*



# Fixed Bugs

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- Problem with redefinition of countersunk screws fixed.
- Fixed Creo crash when Redefine a screw fastener. SPR-13483120
- Fixed a problem in the screw dialog file. If the 'STRING' contains a space, the file is corrupted.
- Fix diameter error in 'Unhardened\_Ground.dat'.  
Change wrong diameters to '0.6250'.
- Fix error in 'dowelpin\*.hol' files. SPR-8702705
- For more information see [changelog.html](#).



# Creo Intelligent Fastener 8.0.3.0

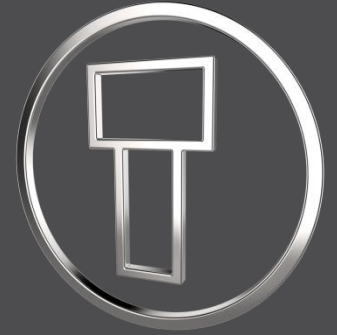
*What's New*



# Fixed Bugs

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- Fixed error "No hole charts found for this hole types" when placing dowel pin Fastener. SPR-8702705
- Fixed problems while regenerating relations.
- A gap was created between the fastener and the placement surface while placing a fastener on very thin models. SPR-13085083
- Reading of \*.hol files in IFX reworked.
- Add corruption check for IFX fastener groups. SPR-10503770
- Option 'GEN\_DIGITS' removed. SPR-12778104
- Rework functionality if 'HOLE\_VISIBILITY' is set to 'NO'. SPR-13074974
- For more information see [changelog.html](#).



# Creo Intelligent Fastener 8.0.2.0

*What's New*



# Enhancements and Fixes

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## Enhancements

- Add Additional Tools information offered by B&W Software GmbH

## Bug Fixes

- UI-Strings are not translated in version 8.0.1.0





# Creo Intelligent Fastener 8.0.1.0

*What's New*



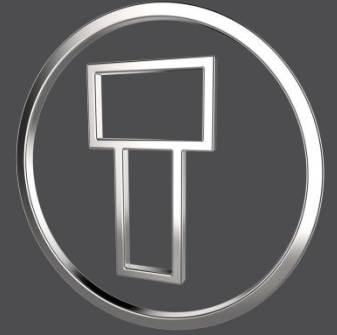
# Enhancements and Fixes

## Enhancements

- SPR 11357093: Support unicode characters in param\_relation.txt.
- SPR 11285257: Disallow thread-surfaces as a position reference.
- Add new INCREMENT\_\* options to control the increment value of the spin box for diameter and depth values.
- Support body colors for 2D-preview.

## Bug Fixes

- SPR 12035414: Fix problem while adding a fastener with option assemble fastener on all instances (from a pattern).
- Fix problems in hole chart layout.
- Fix problem with offset '-0.1' for screw-in connections.
- Fix problem with new designated parameters from 'ifx\_start\_mdl.cfg'. If the parameter is also used in a 'param\_relation.txt' then the designation status gets lost.
- Fix for COLOR\_HOLES option.



# Creo Intelligent Fastener 8.0.0.0

*What's New*



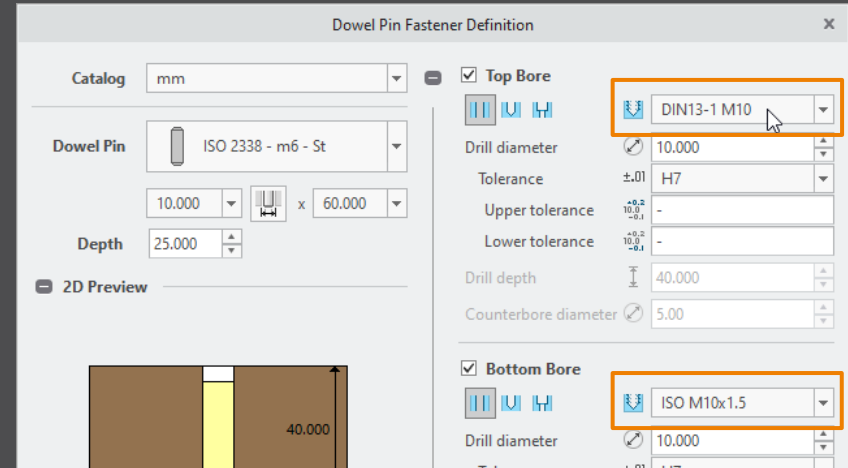
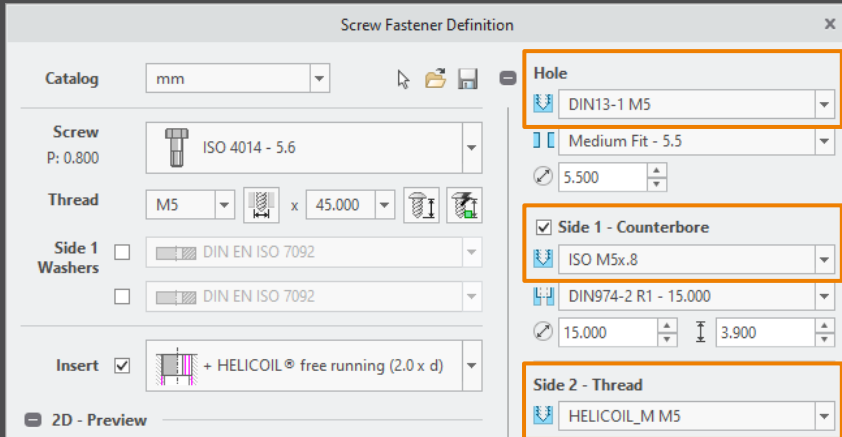
# Select hole chart for IFX holes

## Advantages

- Use different hole charts for different fastener types.
- Show different hole notes.
- Control the counterbore diameter with CBOREDIAM.

## Details/ Usage

- Select hole chart for IFX holes if more then one is found.
- Use the new keyword THREAD\_NAME in your fastener data file to preselect a hole chart.



# Add option to control clearance hole behavior

## Advantages

- Use the same behavior than Creo Parametric.
- Allow to disable limits for the hole diameter.

## Details/ Usage

- Control hole diameter behavior in the Screw Fastener Definition dialog box inside the Hole layout.
- Control the limits for the hole and set the diameter to read only.

The image shows two screenshots of the 'Hole' dialog box. The top screenshot shows 'DIN13-1 M6' selected, 'Close Fit - 6.4' selected, and a clearance value of '5.500' with a warning icon. The bottom screenshot shows 'DIN13-1 M5' selected, 'Medium Fit - 5.5' selected, and a clearance value of '5.500' with a lock icon. Orange arrows point from the text on the right to the '5.500' values in both screenshots.

### *CLEARANCE\_HOLE\_USE\_LIMITS*

- *YES* – Set limits for min. and max. clearance hole diameter.
- *NO* – Do not set any limits for clearance hole diameter.

### *CLEARANCE\_HOLE\_DIAMETER\_OVERRIDE*

- *CREO\_DEFAULT* – Use the value of the *hole\_diameter\_override* configuration option.
- *YES* – Allow specifying the clearance hole value, instead of the standard value.
- *NO* – Use the standard clearance hole diameter value.

# Use option *drilled\_hole\_tip\_angle* in IFX

## Advantages

- Intelligent fastener use same settings as Creo Parametric.
- No need to change the tip angle afterwards.

## Details/ Usage

- If the Creo Parametric option *drilled\_hole\_tip\_angle* is set, IFX uses this value.
- If the option is not set, the default angle 118° is used.

