

Creo Intelligent Fastener 8.0.1.0

What's New



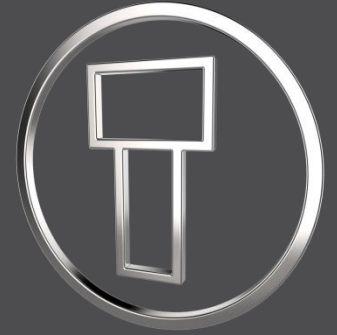
Enhancements and Fixes

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.



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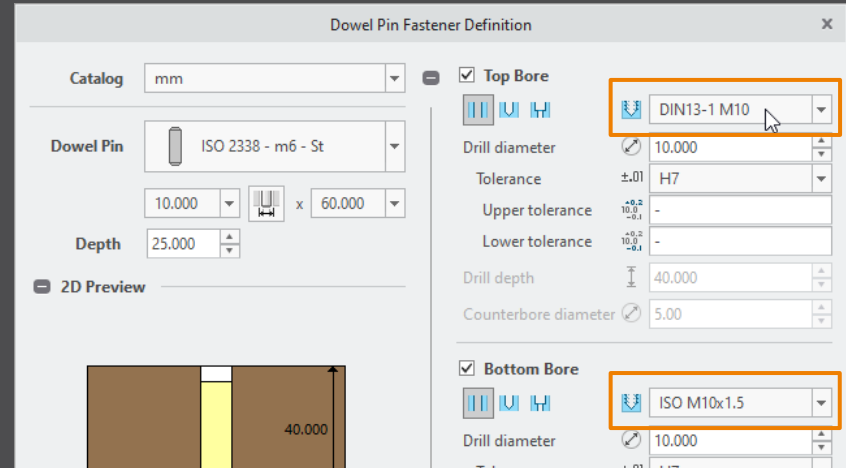
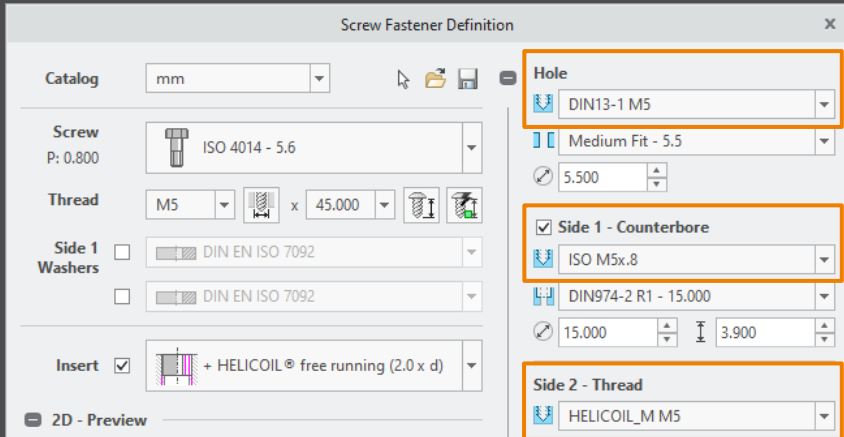
Select hole chart for IFX holes

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.



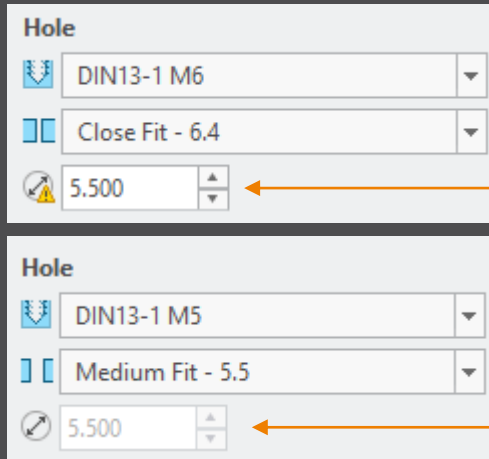
Add option to control clearance hole behavior

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.



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.

