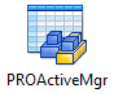


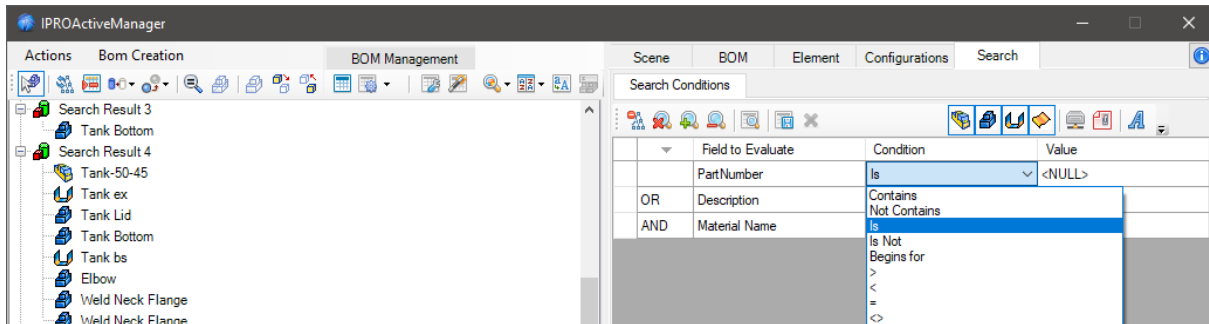
IC-Mechanical 2020

IPROActiveManager

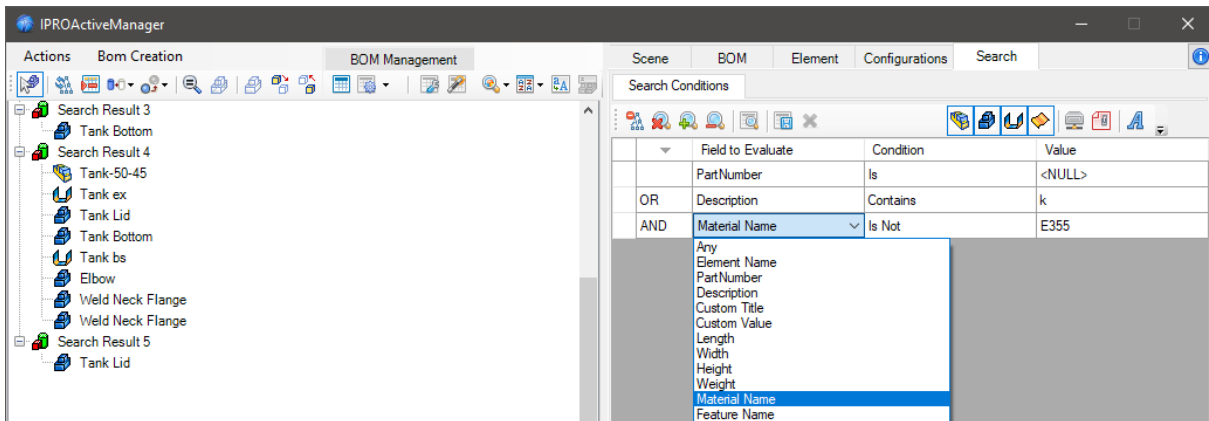
Added the possibility to stop the BOM elaboration pressing the Esc key



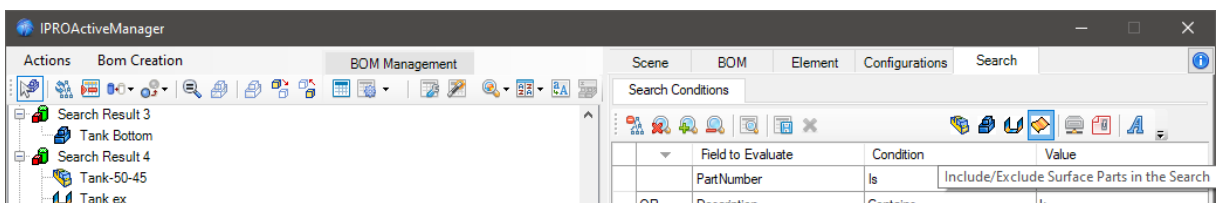
Added the option to search empty fields using the condition Is/IsNot and inserting <NULL> as value of field



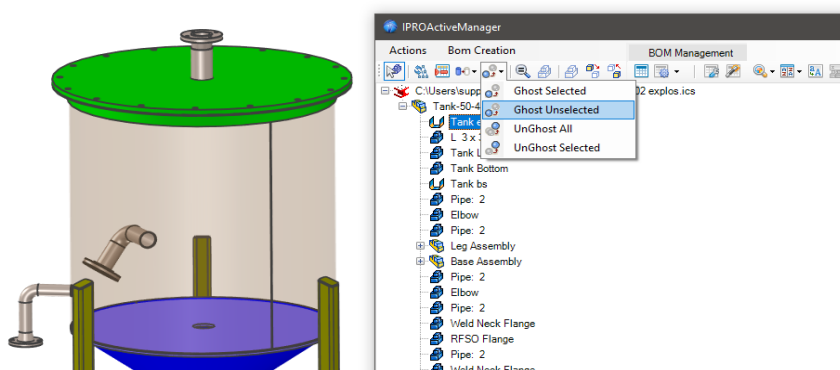
Added the option to search Materials and Categories



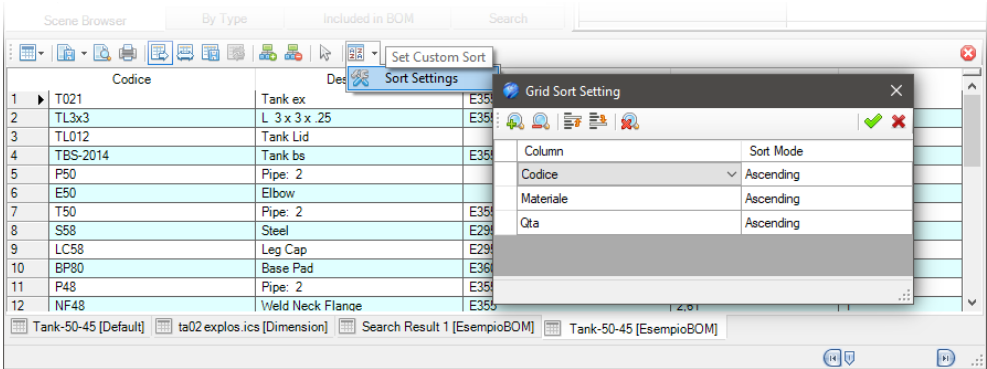
Added option to search/filter Parts/Surfaces



Added tool useful to manage the Ghost state of the selected elements



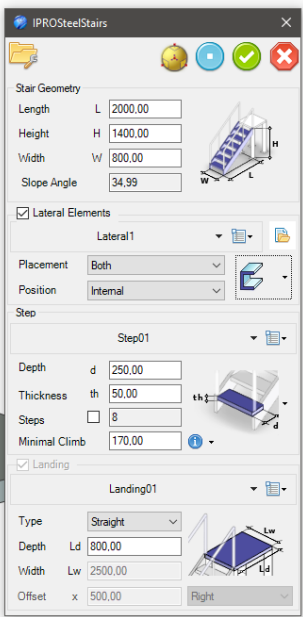
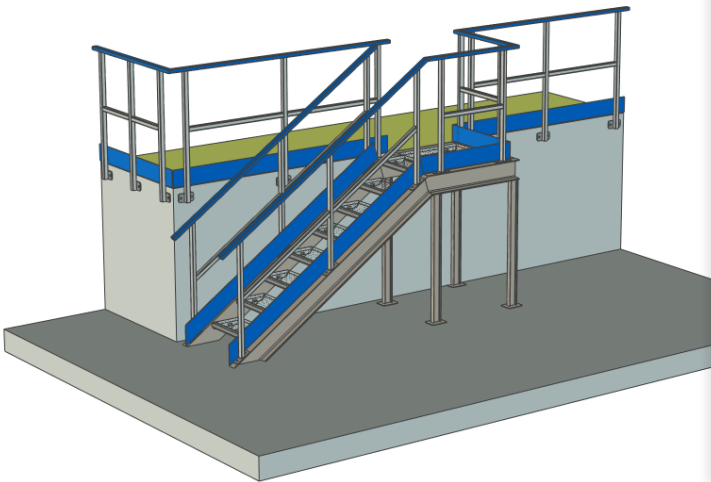
Added the option to sort the BOM grid using several columns



IProSteels



Steel Stairs

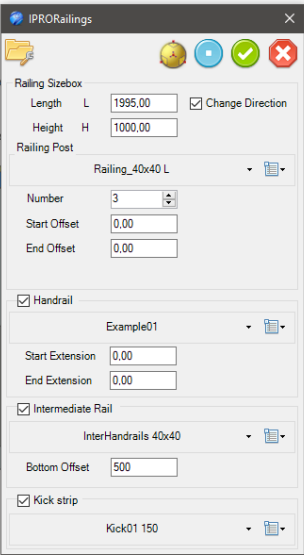
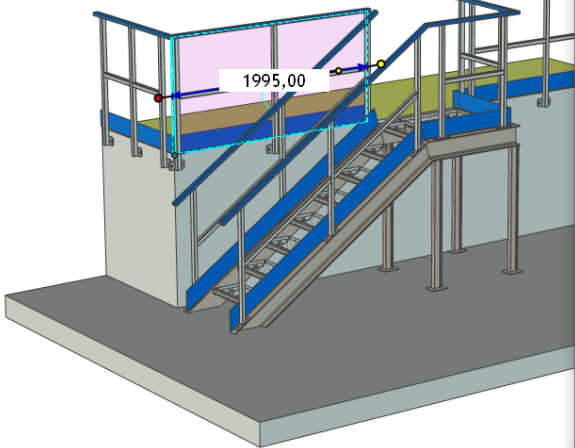


Added a tool for creation of structural Stairs

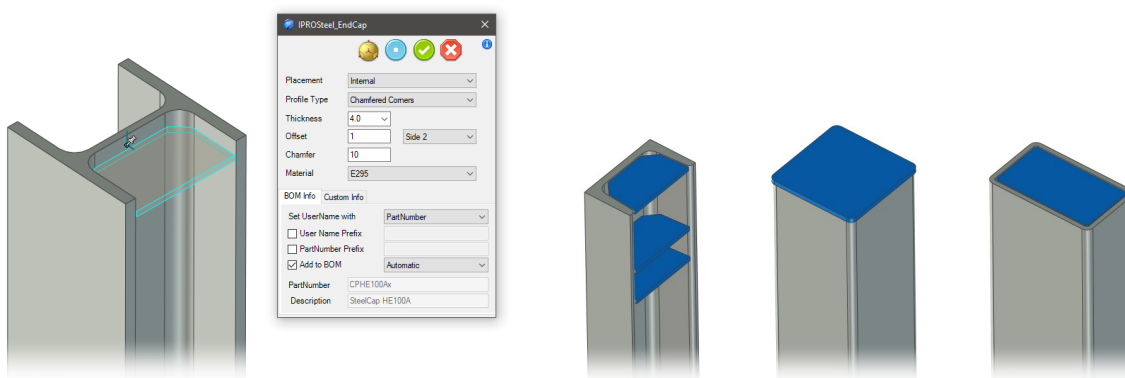
Added a tool for placement of Railings



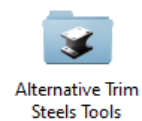
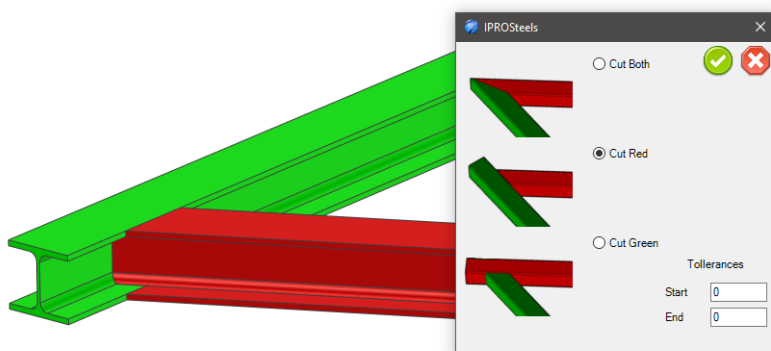
Railings



Added a tool for the creation of caps and ribs

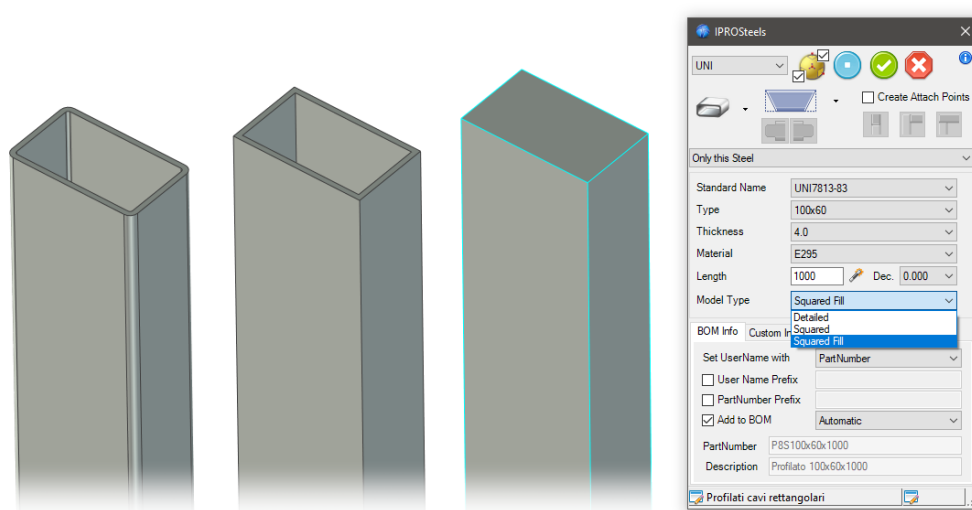


Improved the trim and extend commands



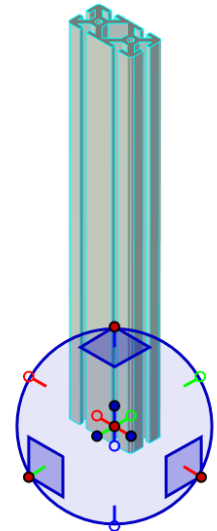
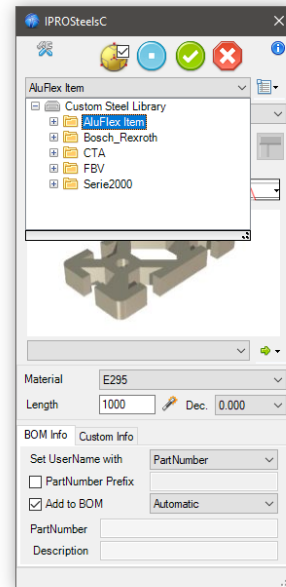
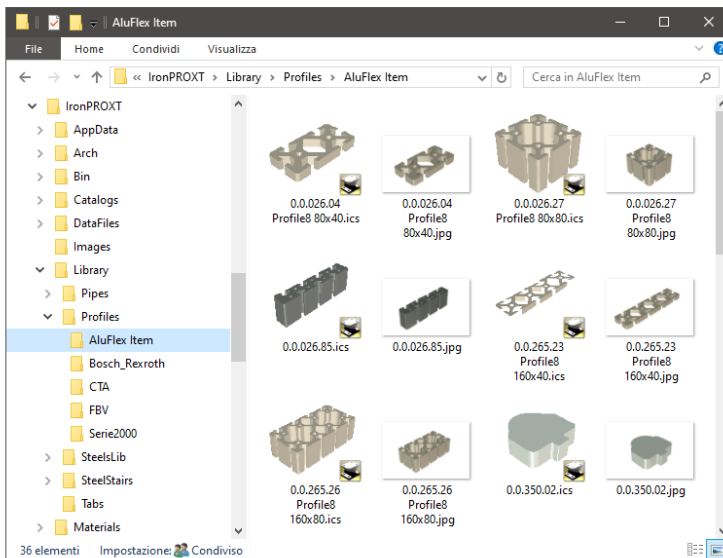
Added an option to Squared Steel useful to select the way to represent the Steel:

Precise, Squared, Squared Fill



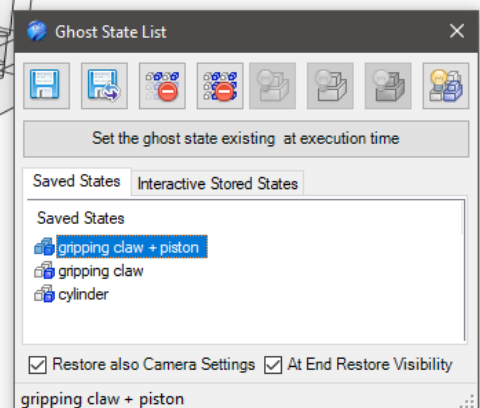
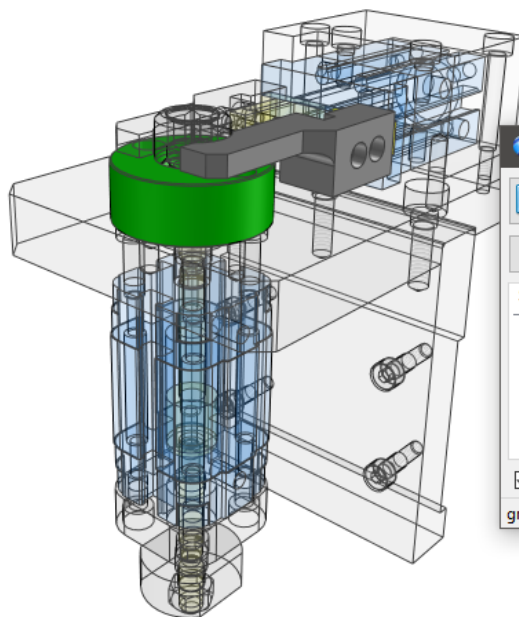
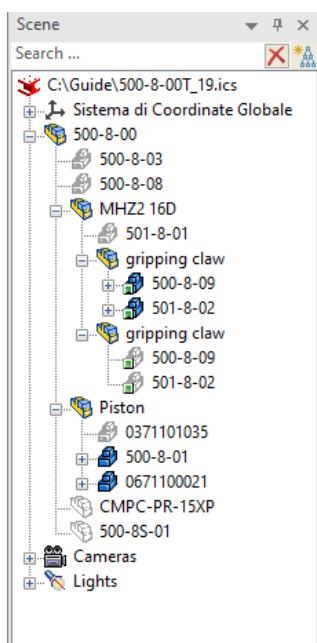
IProSteelsCustom

The UI has been improved. It's now possible to organize the steel libraries in sub folders. Furthermore, if the preview file is not present in the folder, the preview image is get from the .ics file.



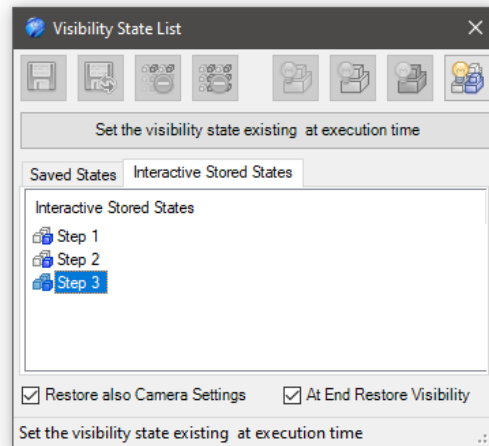
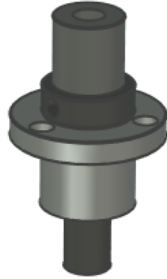
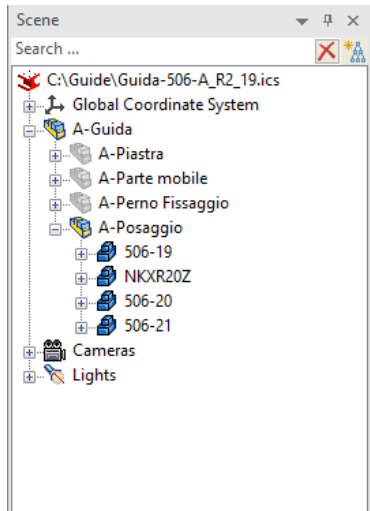
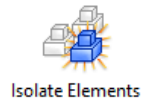
IProGhostManager

Added a tool useful to manage ghost elements



IPROIsolate

This tool has been revised and improved



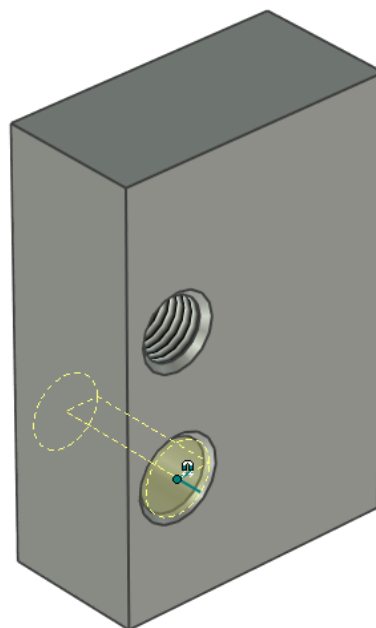
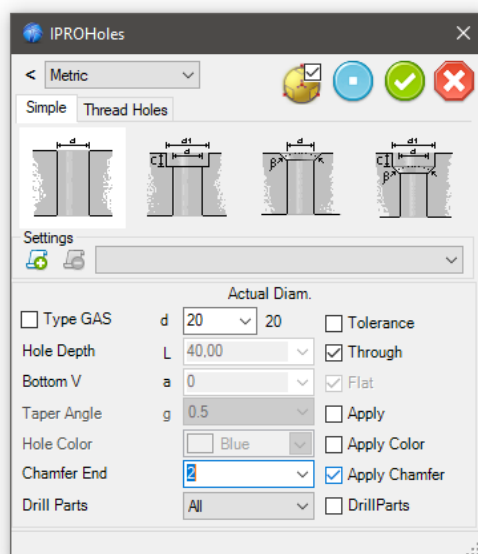
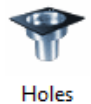
IPRODrill

This tool has been revised and improved. In this version it's about 35-45% faster respect the past.



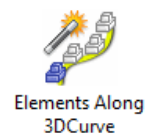
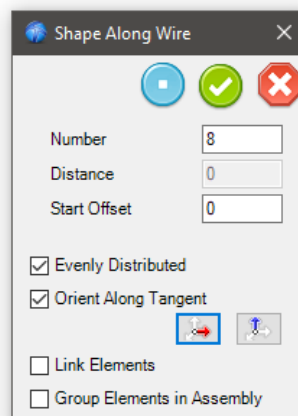
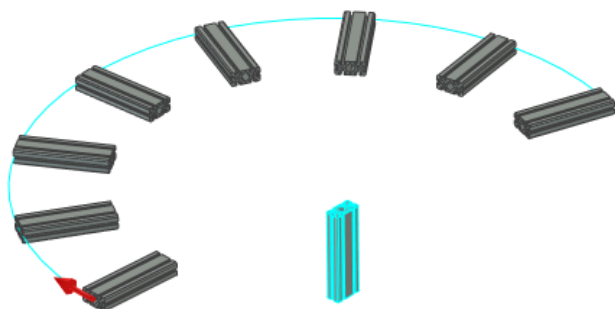
IPROHoles

Added an option useful to create a chamfer at the top of the hole



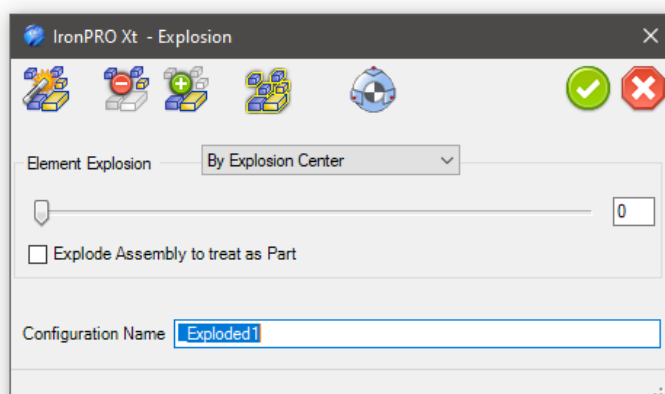
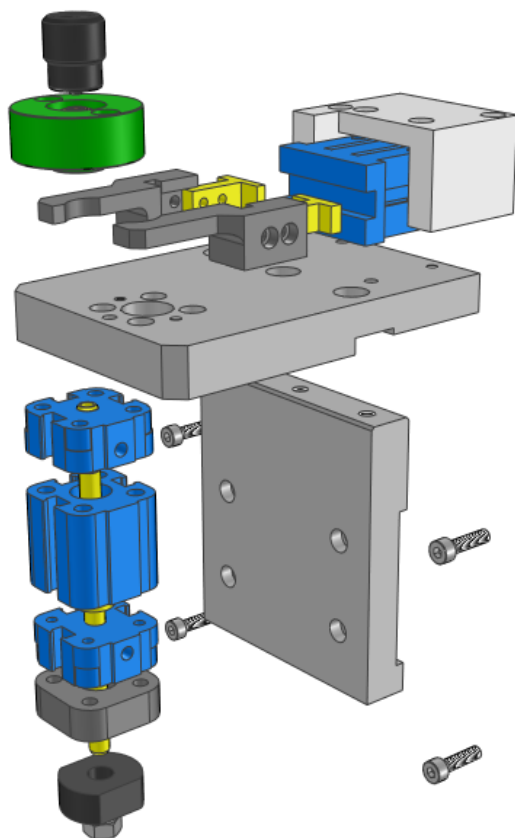
IProShapeUtils

Improved the tool to Place Elements along a 3D wire.



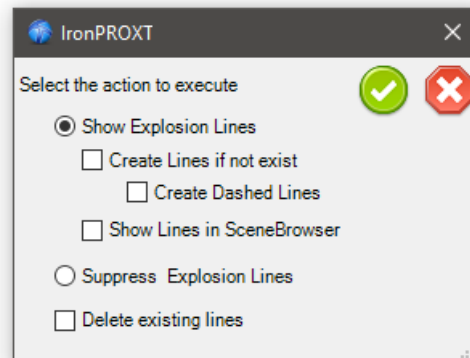
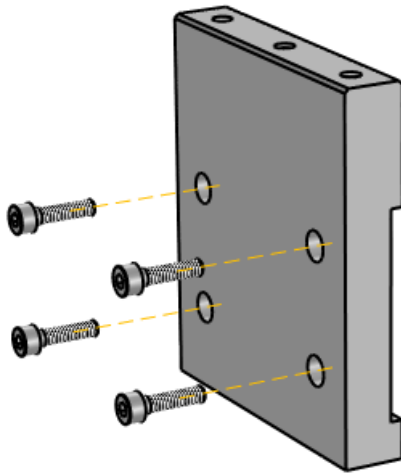
IProExplode

This tool has been completely revised and improved.

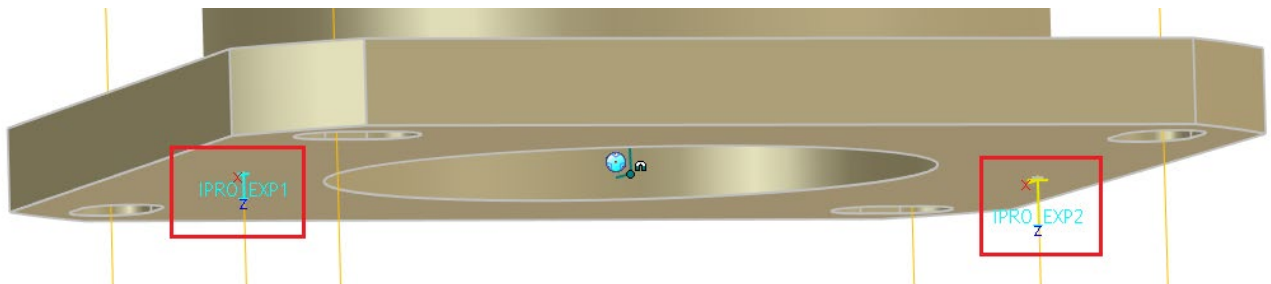


Create Explosion Lines

New tool for create explosion lines in exploded assembly

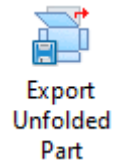


The explosion lines are created using as reference the anchor point, or any points on the part having a name starting with IPRO_EXP



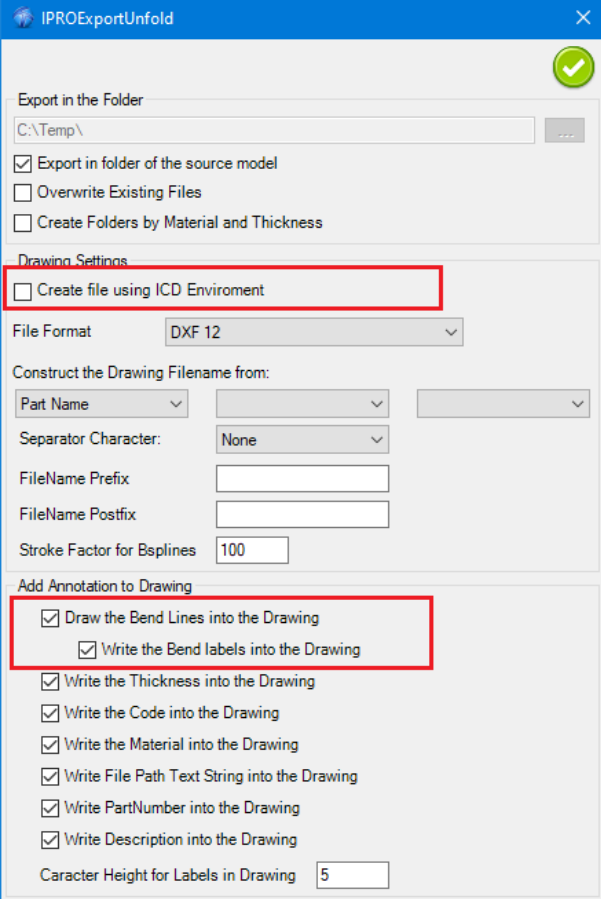
Export Unfolded Part

This tool, included in the ICMech Utils catalog, has been revisited and improved.



Now it's possible to directly export BenLines and BendAnnotation without to use a template icd file.

Anyway, the option to export the Unfolded part using a template icd file is still present, and can be used as in the previous versions.



IPROExportUnfold

Export in the Folder
C:\Temp\

☒ Export in folder of the source model
☐ Overwrite Existing Files
☐ Create Folders by Material and Thickness

Drawing Settings

☐ Create file using ICD Environment

File Format: DXF 12

Construct the Drawing Filename from:
Part Name: [dropdown]
Separator Character: None
FileName Prefix: [text box]
FileName Postfix: [text box]
Stroke Factor for Bsplines: 100

Add Annotation to Drawing

☒ Draw the Bend Lines into the Drawing
☒ Write the Bend labels into the Drawing
☒ Write the Thickness into the Drawing
☒ Write the Code into the Drawing
☒ Write the Material into the Drawing
☒ Write File Path Text String into the Drawing
☒ Write PartNumber into the Drawing
☒ Write Description into the Drawing
Character Height for Labels in Drawing: 5

PROActive Parts

The SetData dialog of the PROActiveParts contains now a button that open an help dialog containing the Tags available to fill the data of the table.

