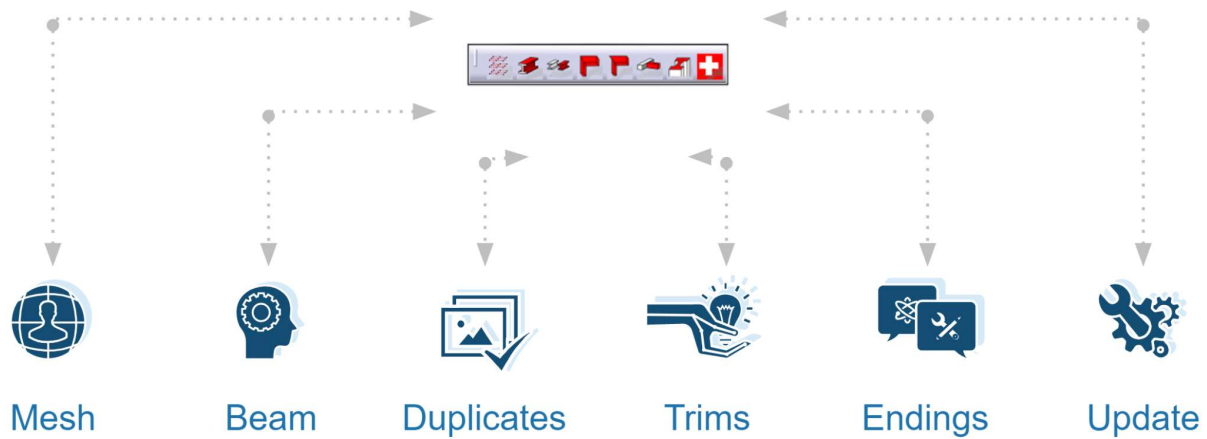


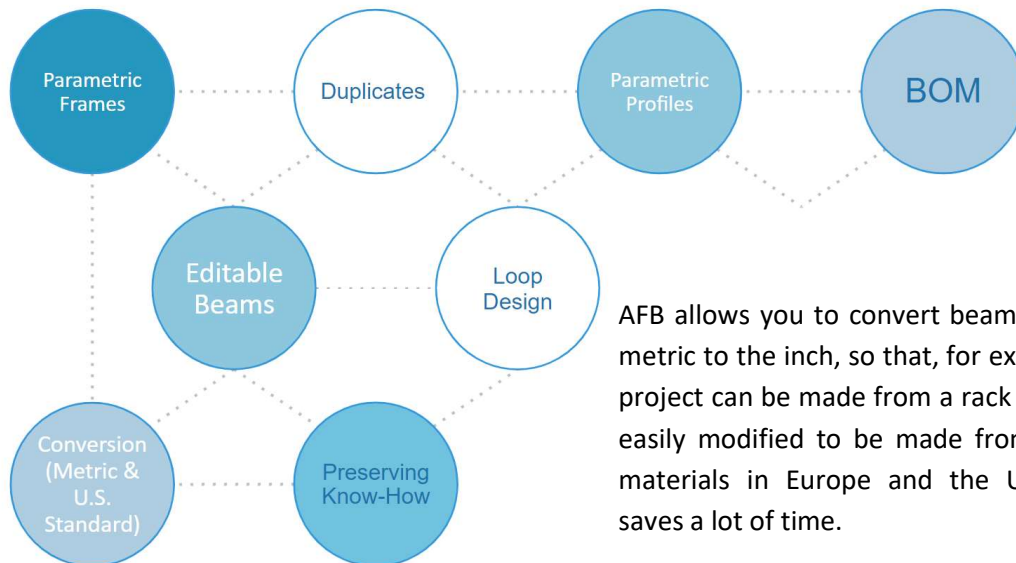
Advanced **KOENIGS** Frame Builder

ADVANCED FRAME BUILDER (AFB) is a plug-in for Catia V5RXX which helps to increase the efficiency and productivity of engineers designing various types of frames.

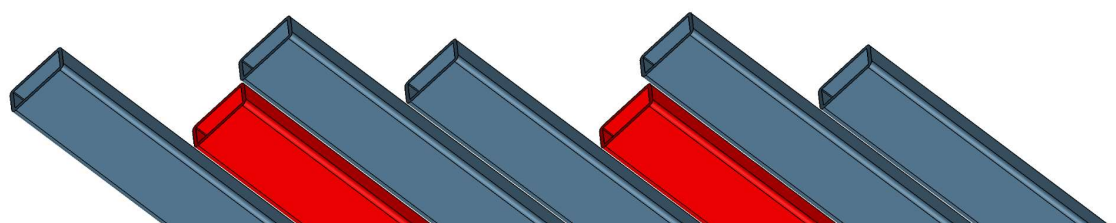
AFB is fast, flexible, and easy to make changes. The significant advantage appreciated by engineers is the ease of converting metric beams to inch beams and the ability to manage know-how. It has enormous potential in companies using Catia V5 because it allows it to be adapted to the existing standards: a database of sections, a connection database, and a process database. What used to take 10 hours before can now be done in one hour.



In addition, AFB is parametric, so engineers who are unfamiliar with parametric design can create very fast parametric frames, and engineers who are advanced can create frames much faster.

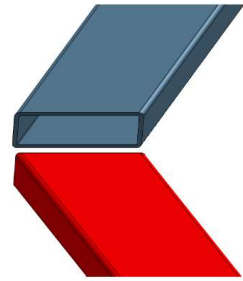


AFB allows you to convert beam sizes from metric to the inch, so that, for example, one project can be made from a rack and can be easily modified to be made from available materials in Europe and the USA, which saves a lot of time.

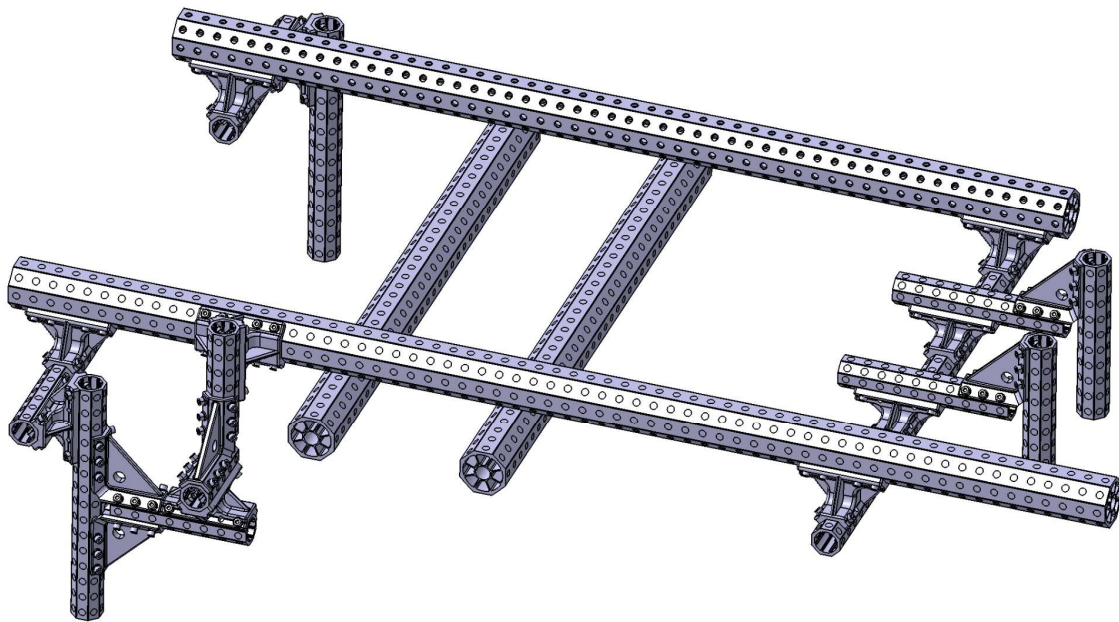


Advanced Frame Builder

KOENIGS



Advanced Frame Builder can be used as a replacement for the Structure Design Workbench SR1, for creating small and medium sized frames. AFB creates beams, mesh, and other parts as "Part" with common icons in the topology tree. In other words, don't create new looking beams as a structure design working environment. For engineers working with Catia V5 it is helpful because they don't have to learn any new features and based on their knowledge when they see the "Part" they know that further modifications are possible.



The biggest advantages of **AFB**:

- Creating a parametric framework.
- Database of parametric profiles and standardized metallurgical profiles of manufacturers such as: Item, Bosch, Maytec, Kanya and Minitec.
- Beams can be driven by two points, lines, spline, or polylines. You can also select a line list to create multiple beams at once.
- Editable beams.
- Adaptive beam duplicates.
- Loop Design - Beam1 can trim Beam2 and at the same time Beam2 can be used to trim Beam1.
- BOM - Information about the length of the beam is collected and saved in the bill of materials and transferred to the module for generating flat documentation (Drafting).
- Conversion (Metric and US Standard).
- Keeping know-how.

