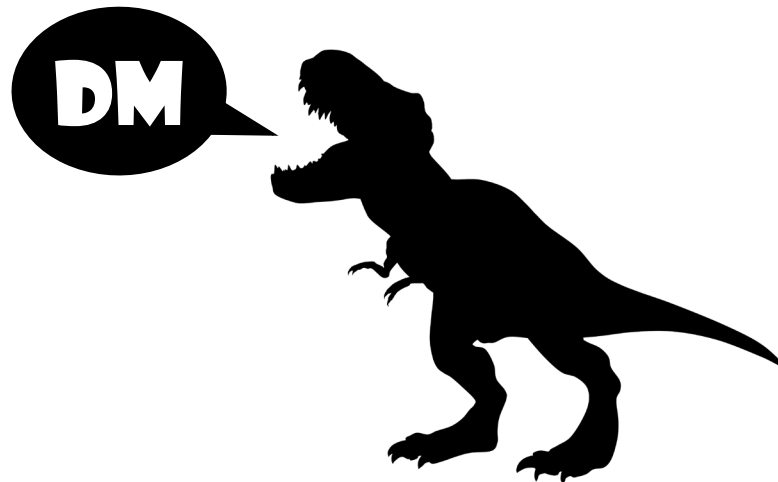


GEM assembly

Álvaro Ezquerro

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GEM generator module

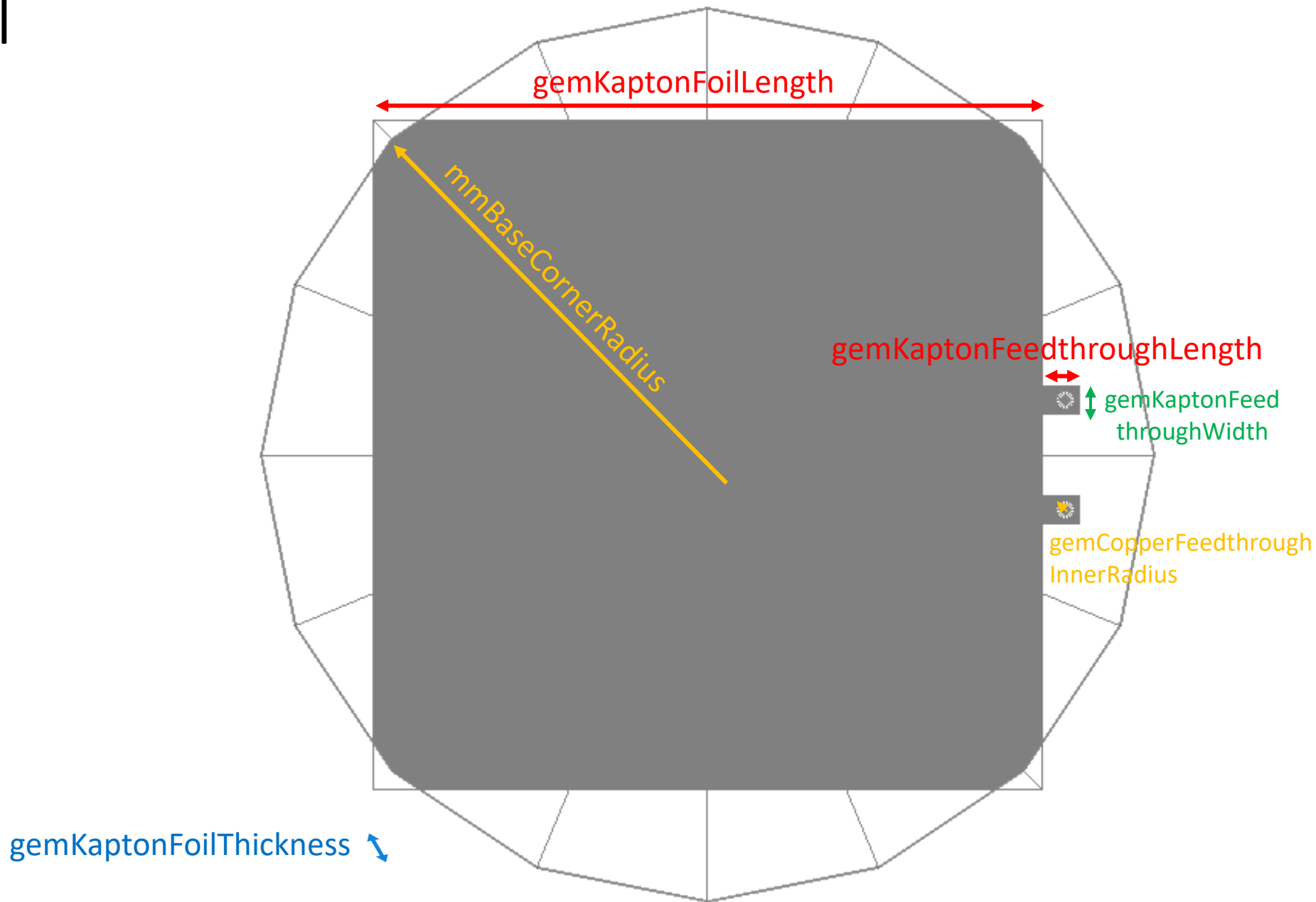
- The assembly is generated by the function:

```
generate_gem_assembly(name="gem_assembly", registry=None, is_right_side=True):
```

- It can generate the assembly for the right or left side. These are mirror assemblies of each other. By 180° rotation over the X axis it could also be achieved (thanks to its symmetry) except for the gem top & bottom feedthrough, which would be switched.
- In this document, the right side assembly is shown.

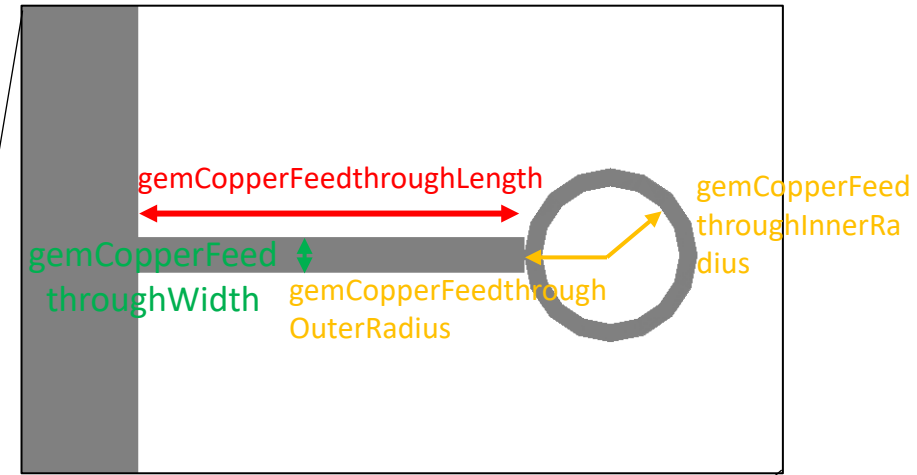
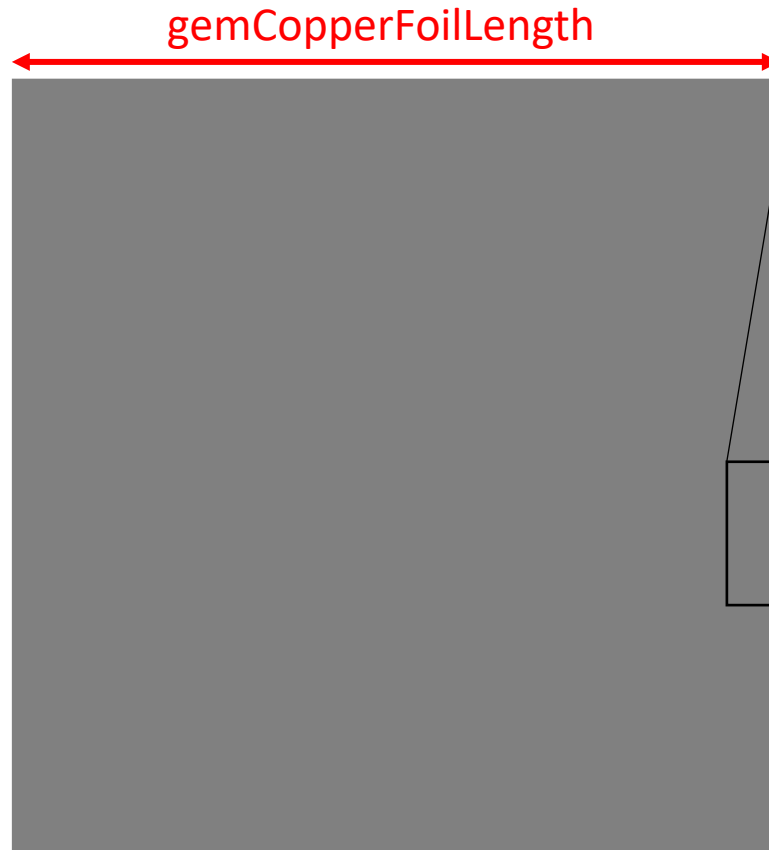
gemKaptonFoil

- This solid is placed in the center of the assembly.

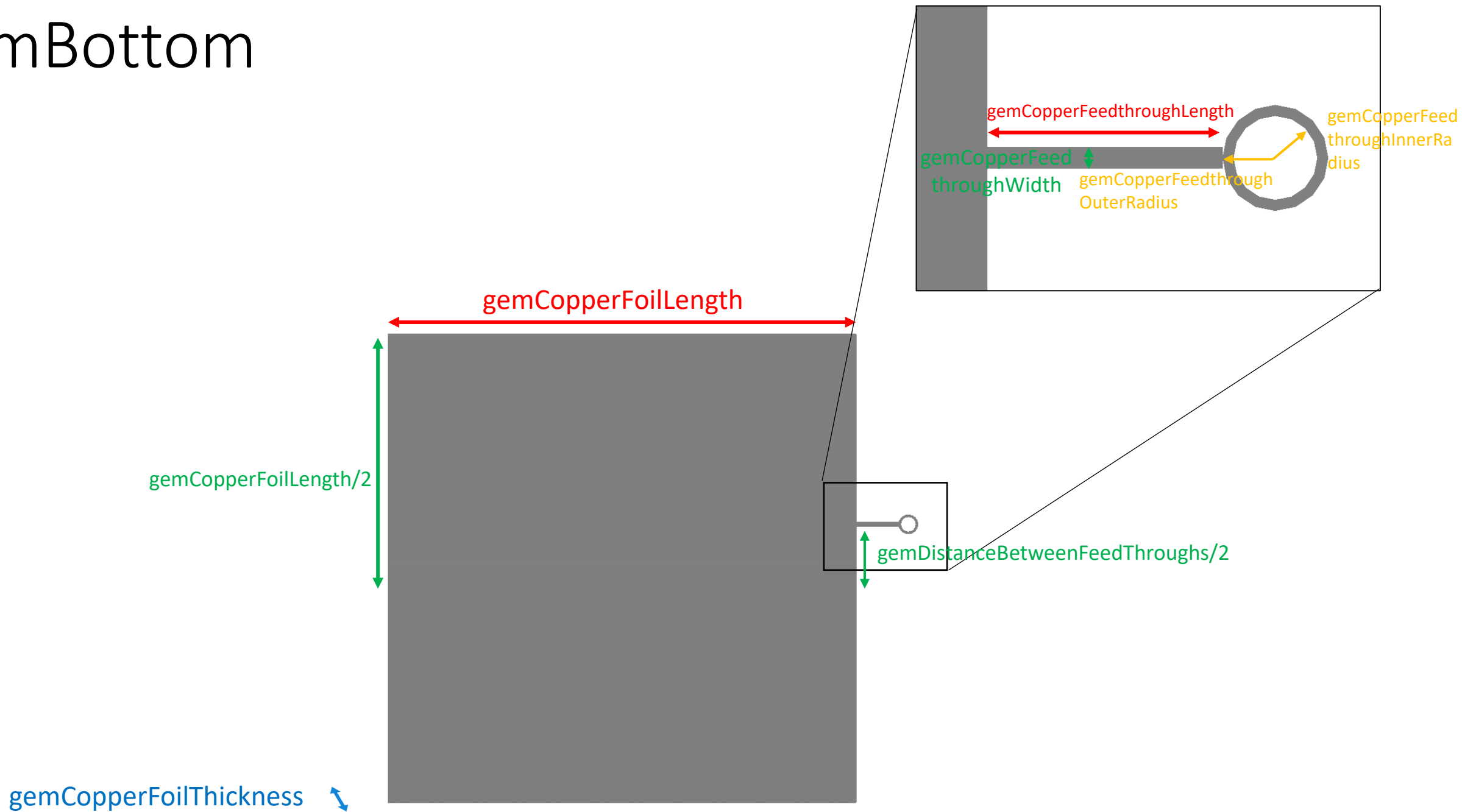


gemTop

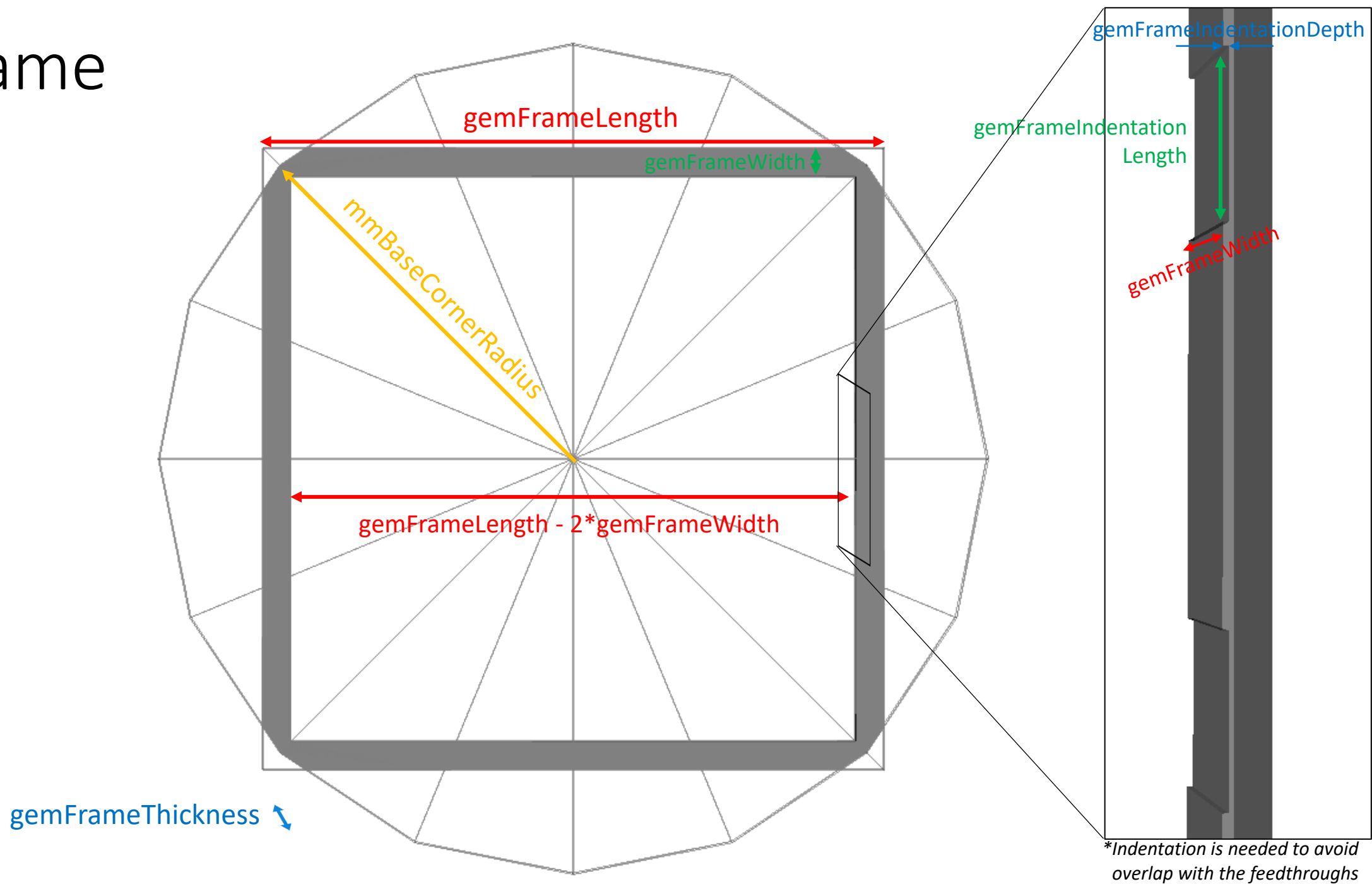
gemCopperFoilThickness ↕



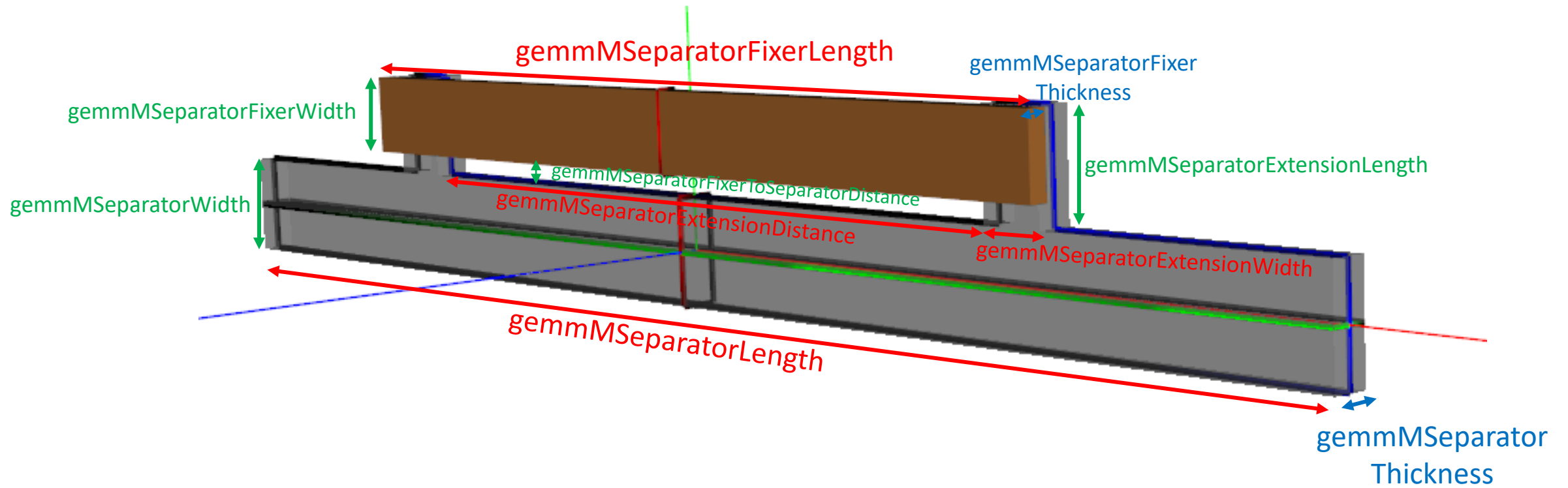
gemBottom



gemFrame



gemmMSeparator & gemmMSeparatorFixer



Final assembly

