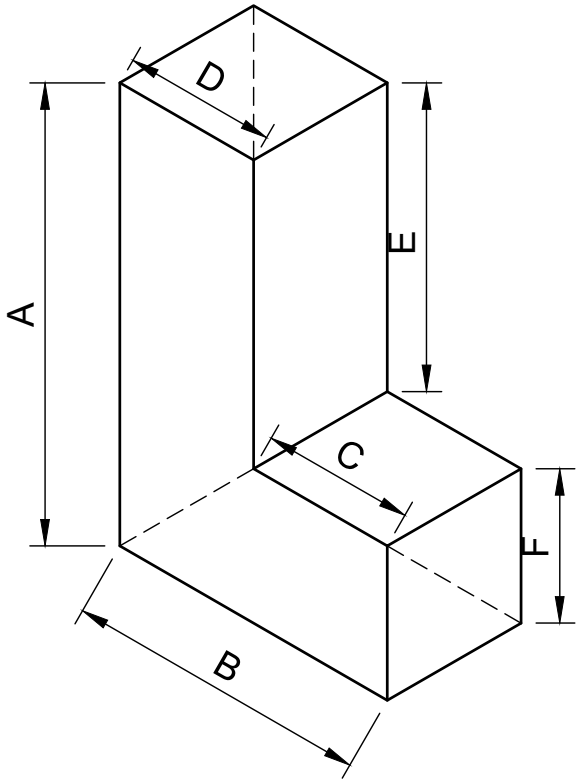
Dimensions

1. A = variable (currently 75)
2. B = variable (currently 50)
3. C = D = ½B
4. F = ⅓A
5. E = ⅔A



Specifications

6. All geometric relations that are satisfied in the example remain satisfied as dimension A changes*
8. Dimension A can change between 50 and 100**
9. All geometric relations that are satisfied in the example remain satisfied as dimension B changes*
10. Dimension B can change between 25 and 100**

* all edges that are parallel, perpendicular, colinear, ... in the example should remain this way

** you do not have to set limits on this parameter, but the model needs to behave to specification within these bounds