

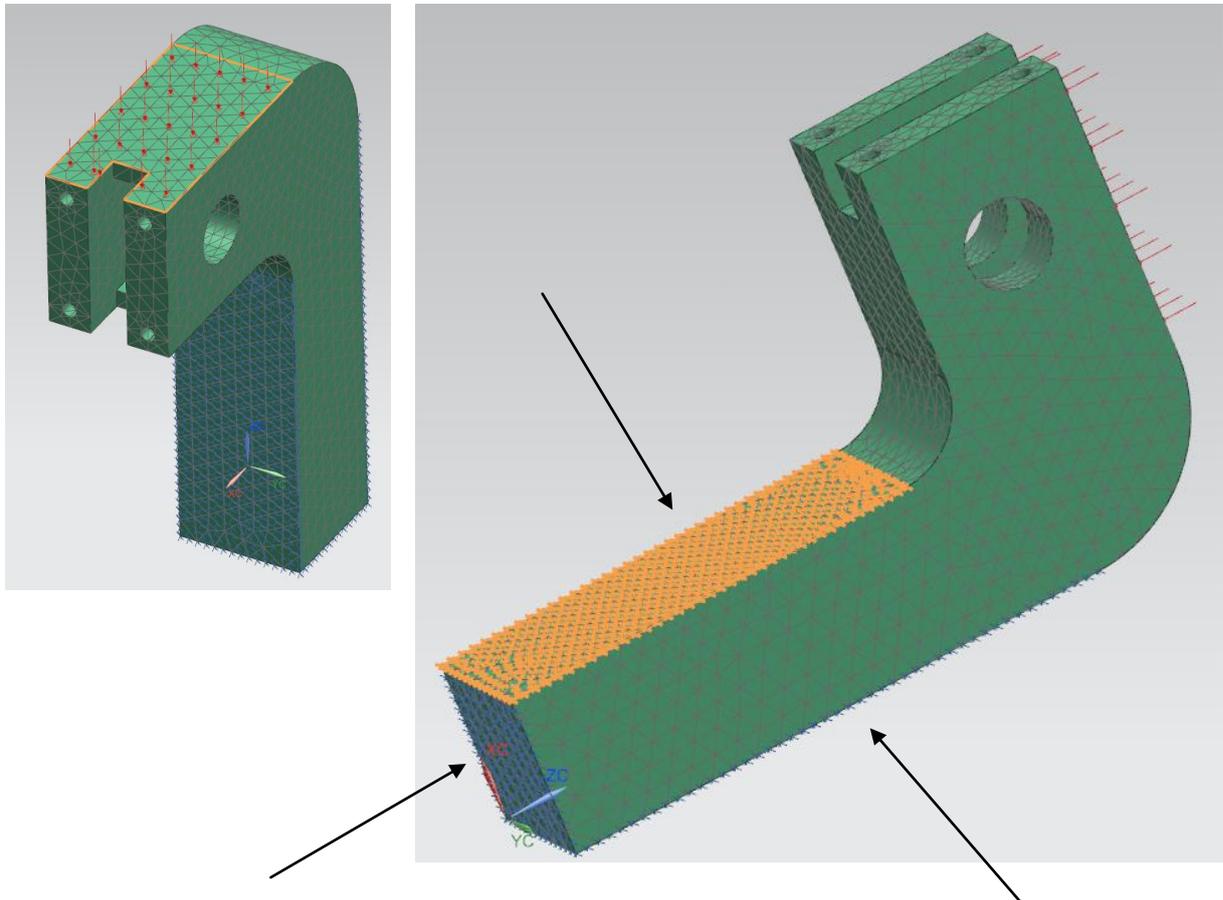
Using Siemens NX 11 Software

Finite Element Analysis – L-bar

Based on the tutorial “NX 10 for Engineering Design”¹.

Copy/paste the file C:\Commun\NX\fem\L-bar.prt into your local folder.
Do a similar FEA analysis as in the previous tutorial.

- For the mesh use the type *Tetra10* and an element size of **10 mm**.
- For the loads, apply a normal pressure with a magnitude of **3.45 MPa** on the top surface as shown in the figure.
- For the boundary conditions, fix the three flat faces (the front highlighted face, the face parallel to it at the backside and the bottom face) as marked in the following figure.



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