

Material: white Teflon/PTFE without filler or additive

Below are views of two lenses to be made, according to the step files F50\_PTFE and F70\_PTFE.

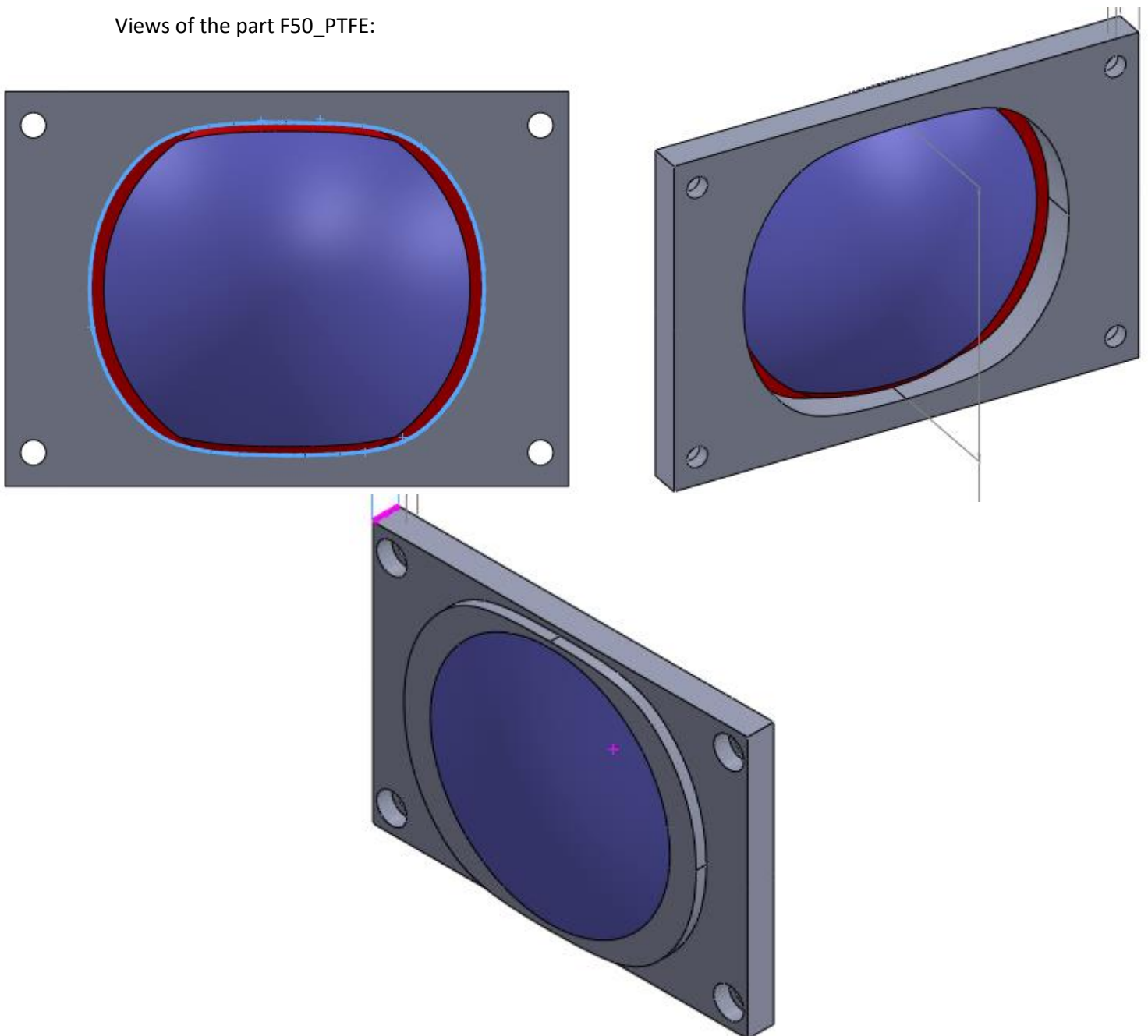
A lens has two curved surfaces whose centers must be well positioned with respect to each other (which require a good repositioning after turning the plastic block, accuracy  $<30\mu\text{m}$ ).

The blue areas designate the two functional surfaces that require a good surface condition in terms of shape deviation, waviness and roughness, Ra of  $1.6\text{--}3.2\mu\text{m}$  according to NF ISO 4287.

The red areas are free fields for the tool to make the curved surface in the blue area, the thickness in these areas should not be less than 2 mm but can be greater.

The other zones will have a wide tolerance, L according to the ISO 2768 standard.

Views of the part F50\_PTFE:



Views of the part F70\_PTFE :

