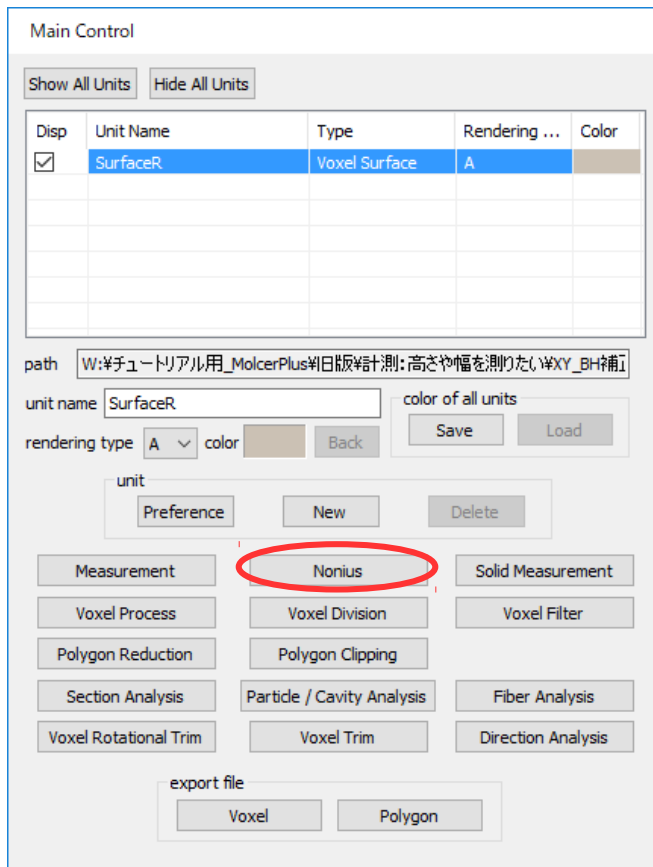
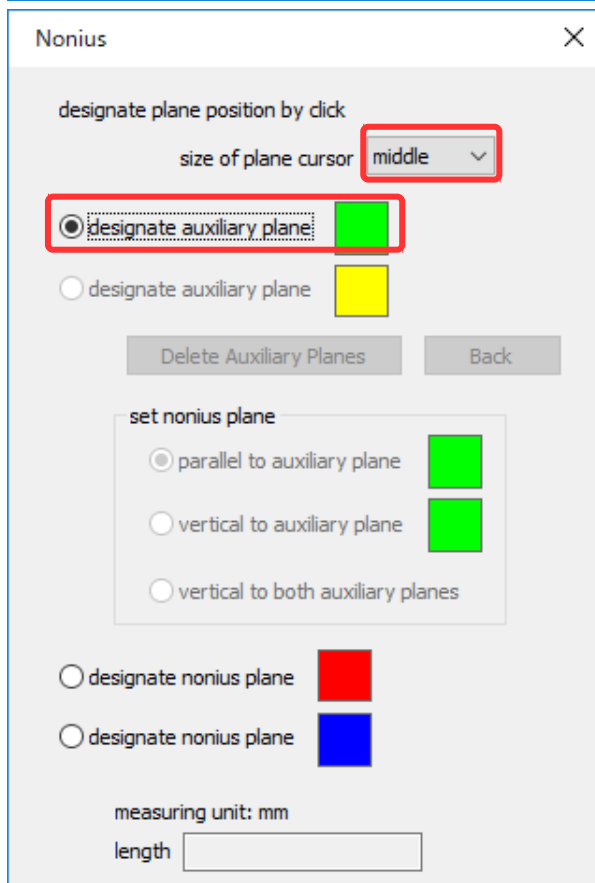


Measurement: measure height and width

Set two arbitrary parallel planes and measure distance between them.
Auxiliary planes help fitting planes to curved surface.



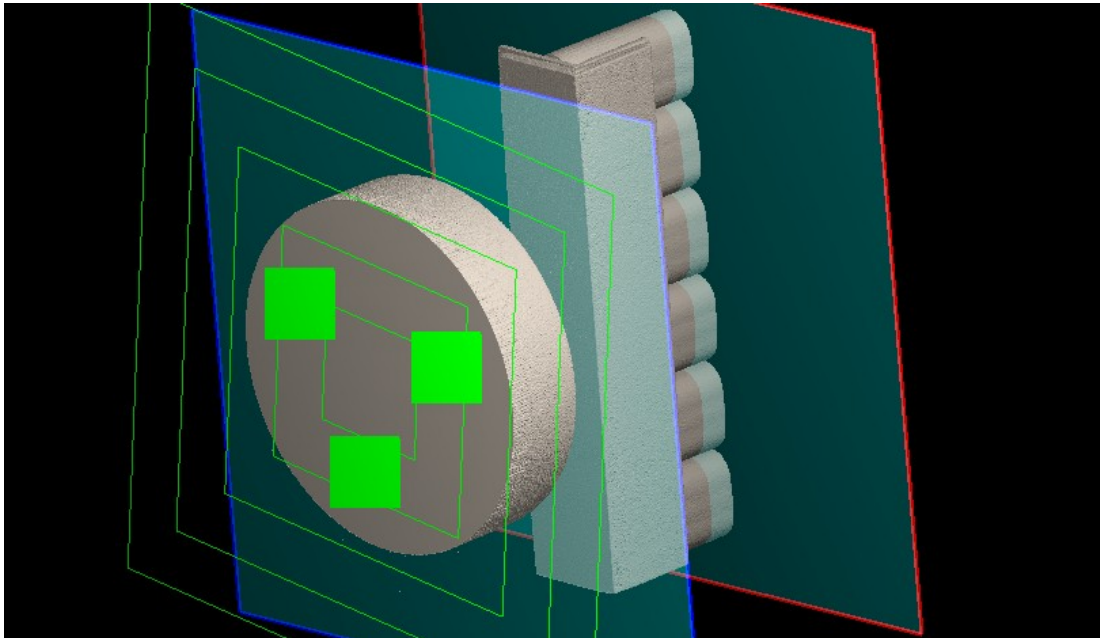
Change to "Surface Rendering" and open "Nonius" dialog from "Main Control".




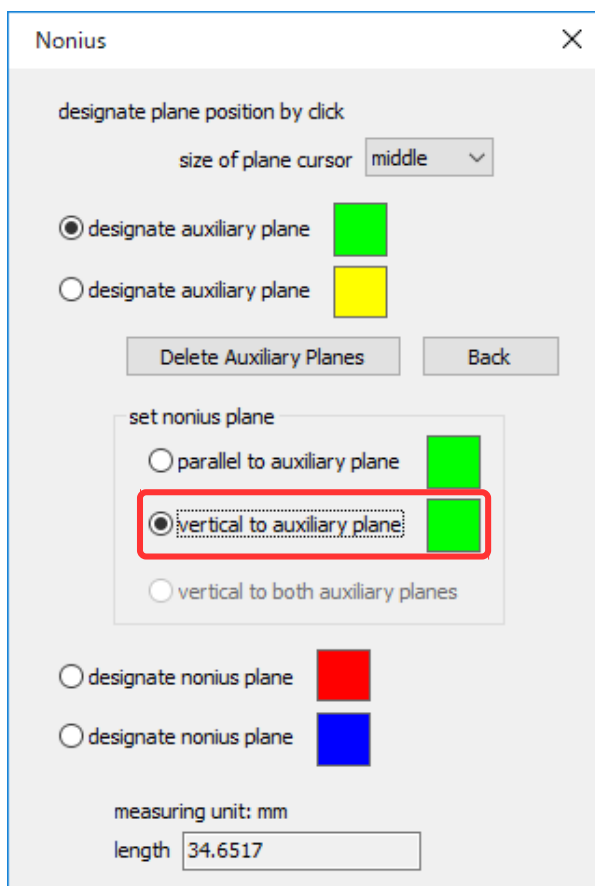
Select "size of plane cursor" and "designate auxiliary plane" (green swatch).

"Size of plane cursor" is ascertained by moving mouse pointer over the object.

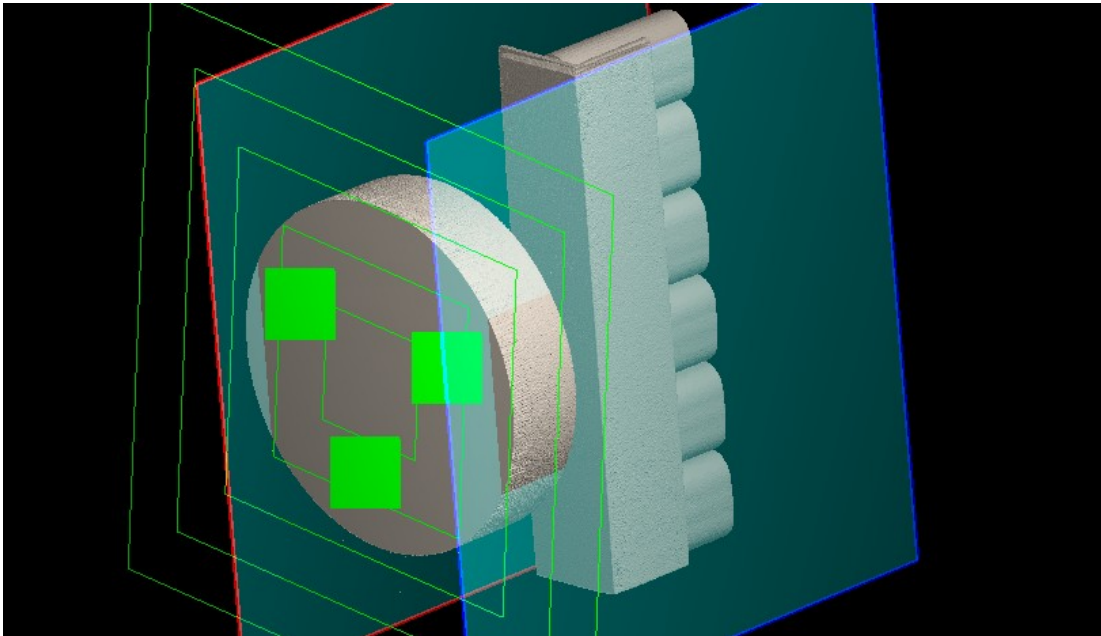
Click on the target face over one point and set auxiliary plane (green squares).




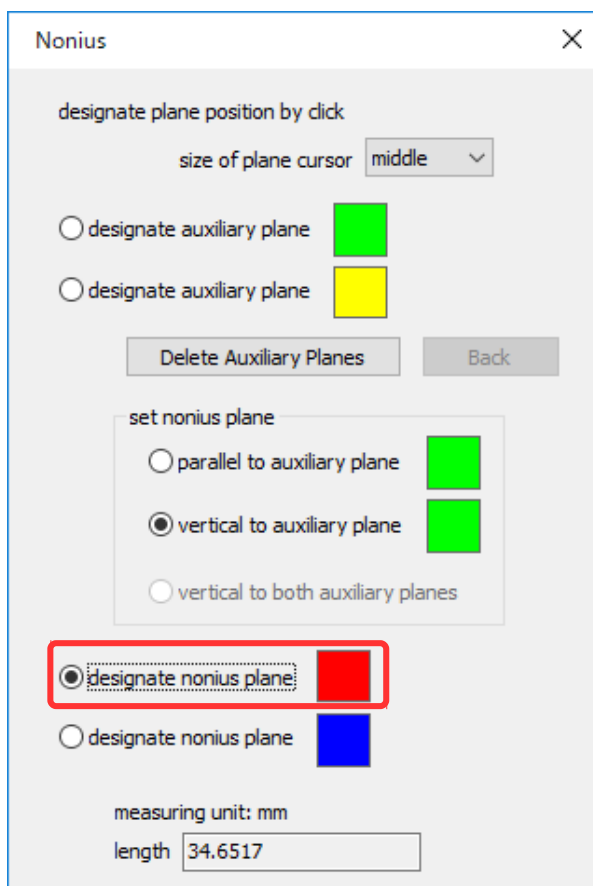
Select "vertical to auxiliary plane ".



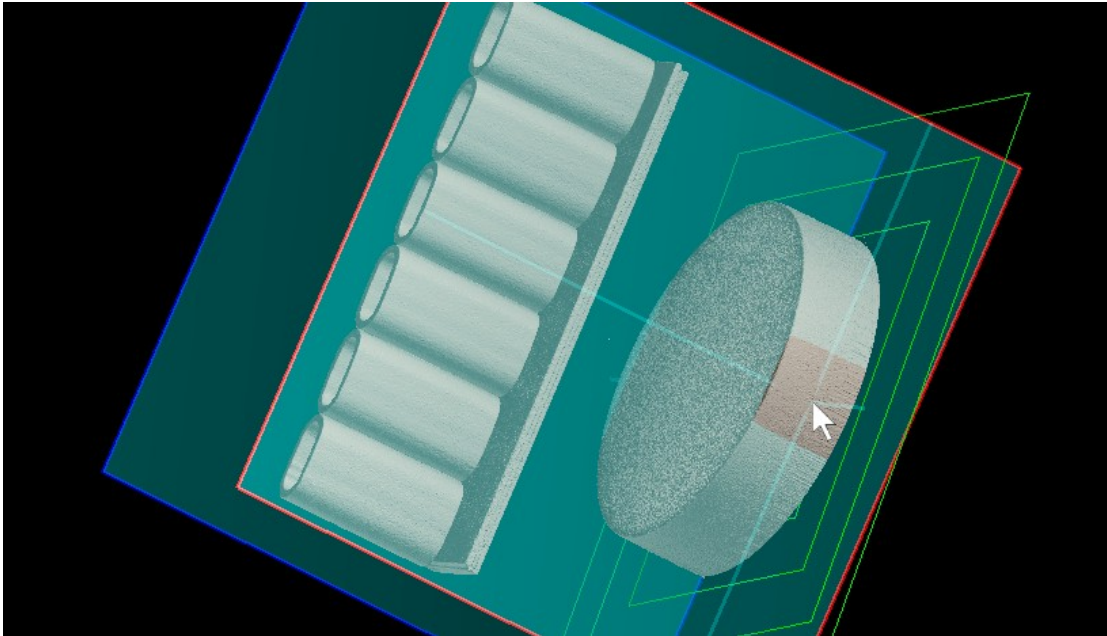
Nonius planes (red frame and blue frame) are parallel to auxiliary plane (green).



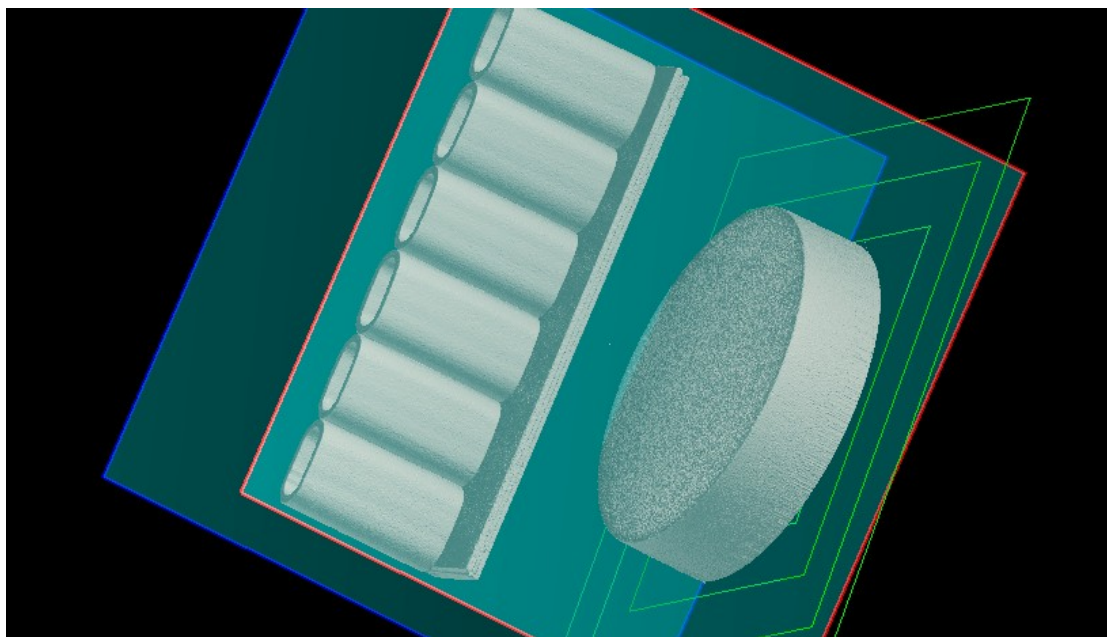
Select "designate nonius plane ".




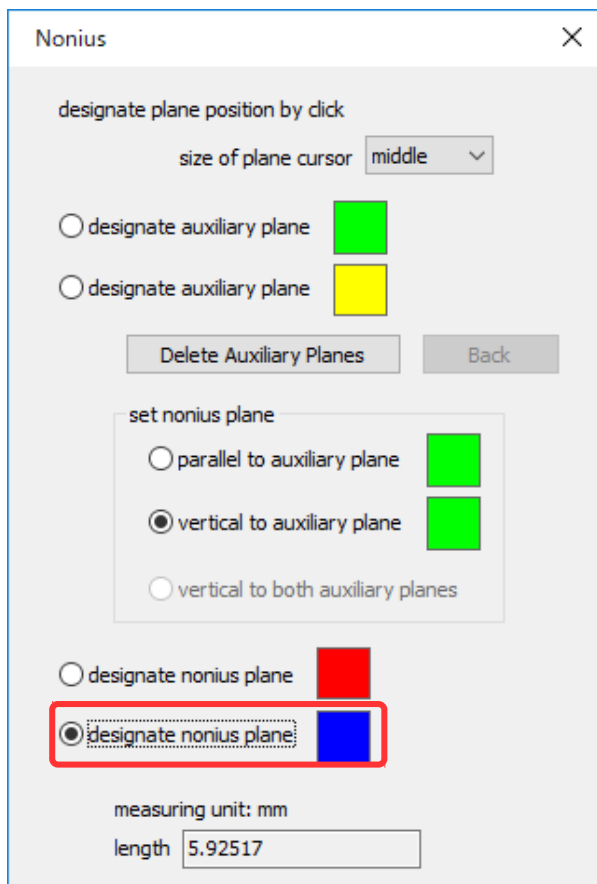
Magnify the object and click curved surface not to protrude nonius plane (red).



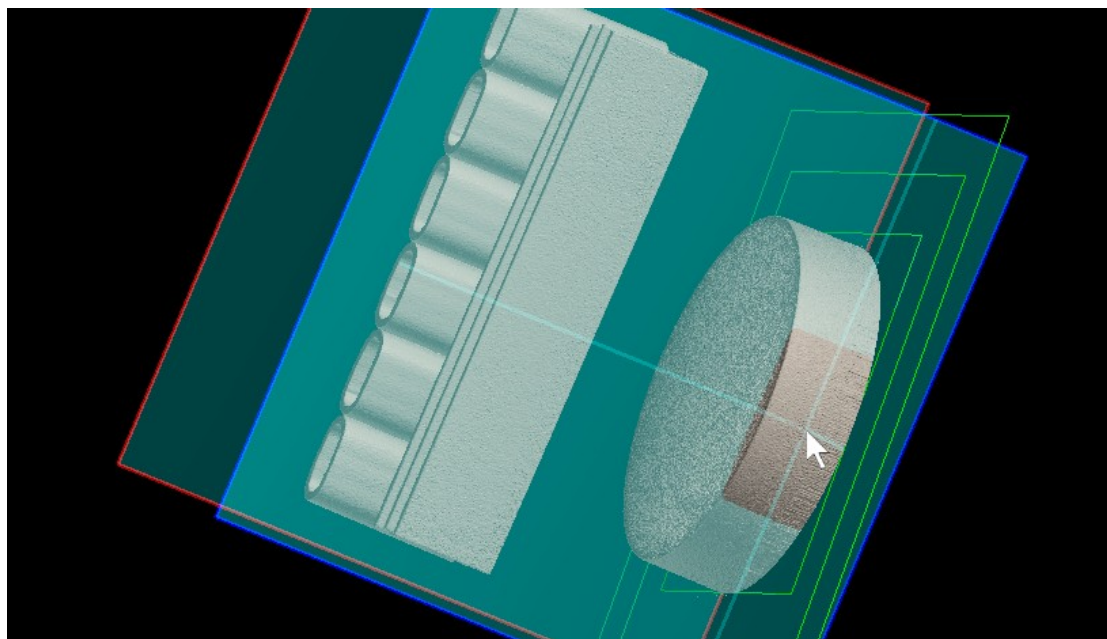
Now nonius plane (red) and curved surface touch together.



Select "designate nonius plane"  ".



Set nonius plane (blue) in contact with curved surface like nonius plane (red).



Distance between two parallel nonius planes, equal to diameter of the cylinder, is displayed in “length”.

Nonius ✕

designate plane position by click

size of plane cursor middle ▾

designate auxiliary plane

designate auxiliary plane

set nonius plane

parallel to auxiliary plane

vertical to auxiliary plane

vertical to both auxiliary planes

designate nonius plane

designate nonius plane

measuring unit: mm

length 5.92517