Measurement: measure height and width

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

Main Control					
Show All Units Hide Al	Units				
Disp Unit Name		Туре		Rendering	Color
SurfaceR		Voxel Surf	ace	A	
path W:¥チュートリアル	用_MolcerPlus	¥旧版¥計測	い:高さや	幅を測りたい¥XN	(_BH補ī
unit name SurfaceR			color o	f all units	
	color	Back	Sa	ave Loa	ad
rendening type A V		Dack			
Unit		Maur		Delata	
Preieren	ce	New		Delete	
Measurement		Nonius	\supset	Solid Measur	ement
Veval Bracasa	No	wel Division		Vevel Eilt	~~
Voxel Process	VC	ixer Division		Voxernin	er
Polygon Reduction	Pol	gon Clippin	3		
Section Analysis	Particle	/ Cavity Ana	alysis	Fiber Anal	ysis
Voxel Rotational Trim	1	/oxel Trim		Direction An	alysis
evo	rt file				
expo	Voxel	P	alvaan		
	VOXEI		orygon		
Nonius					×
designate plane	position by	/ click			
		F			
siz	e of plane	cursor m	iddle	~	
			n		
esignate au	ixiliary plan	e	IJ		
Odering					
oesignate au	ixiliary plan	e			
D. J.		Dimension		D- d-	
Dele	te Auxiliary	Planes		Back	
- set noni	us plane				
Section	us piùne				
() pa	rallel to au:	xiliary plar	ne 🛛		
O ve	rtical to au	xiliary plai	ne		
O ve	rtical to bo	th auxiliar	y plane	es	
O designate no	nius plane				
🔵 designate no	nius plane				
measuring	unit: mm				
length					
icigur					

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

Select "size of plane cursor" and "designate auxiliary plane .

"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	×
designate plane position by click	
size of plane cursor \mbox{middle} \mbox{v}	
designate auxiliary plane	
🔿 designate auxiliary plane	
Delete Auxiliary Planes Back	
set nonius plane	
O parallel to auxiliary plane	
vertical to auxiliary plane	
 vertical to both auxiliary planes 	
O designate nonius plane	
🔿 designate nonius plane	
measuring unit: mm	
length 34.6517	

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 ".	
Nonius	×
designate plane position by click	
size of plane cursor middle 🗸	
O designate auxiliary plane	
O designate auxiliary plane	
Delete Auxiliary Planes Back	
set nonius plane	
vertical to auxiliary plane	
 vertical to both auxiliary planes 	
O designate nonius plane	
designate nonius plane	
measuring unit: mm length 5.92517	

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".

