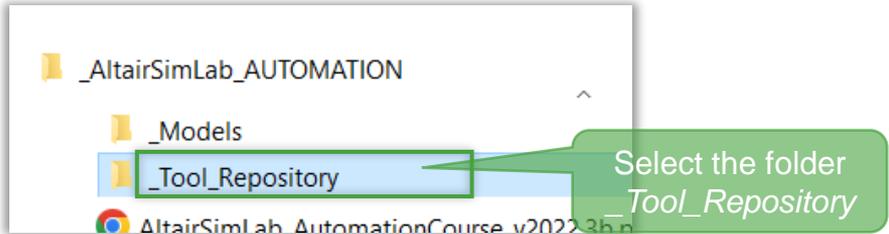
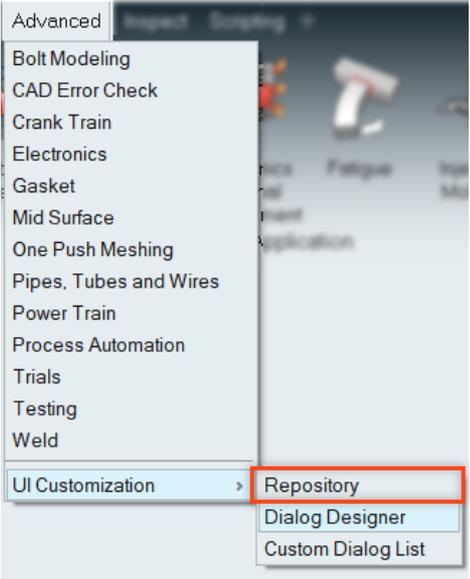
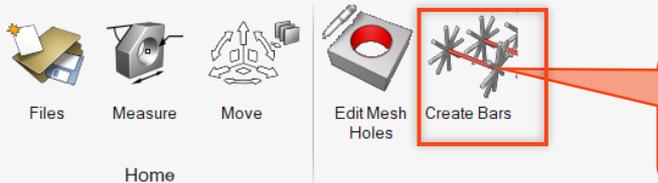


CREATE MULTIPLE BAR / BEAMS BETWEEN RBE BODIES

Tool Repository folder

Select the *Repository* folder.



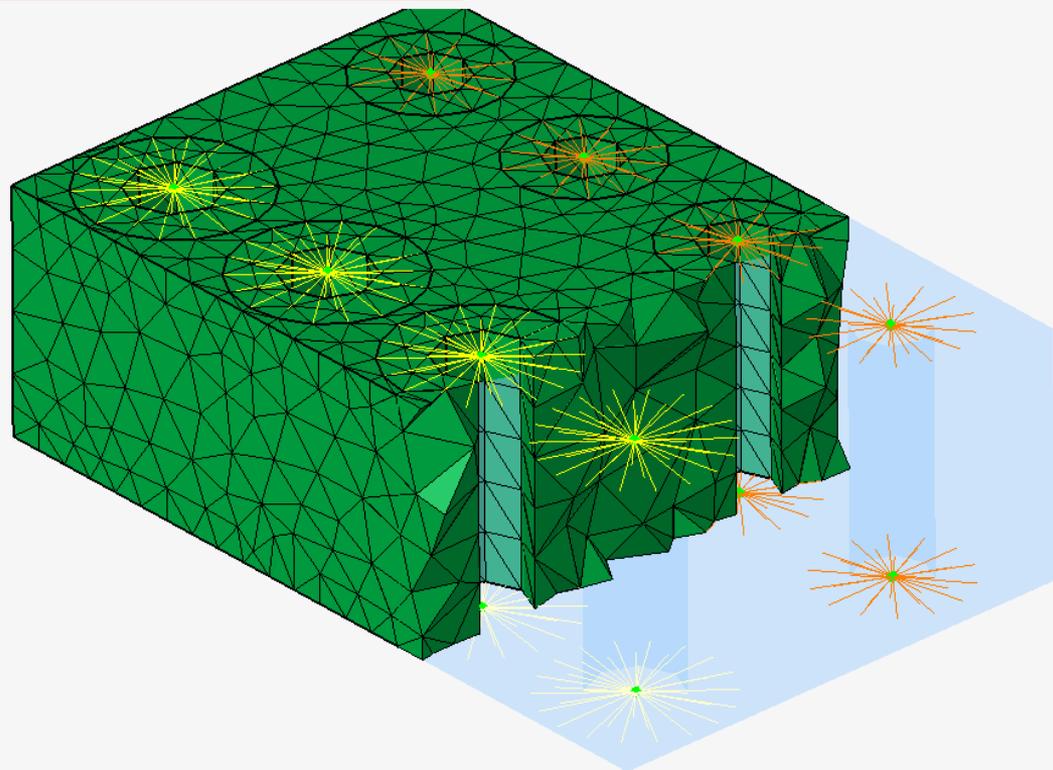


Start the script to connect Lower and Upper RBE Bodies through BAR or BEAM elements

Assembly Browser

Name	Original Name	Mesh Con
Assembly		
mesh_gda_MMKS.gda		
* RBE2_2B		Orange
* RBE2_2A		Orange
* RBE2_1B		Yellow
* RBE2_1A		Green
beam_example_02.prt.1		Green

The script will search for the nearest center nodes across the two RBE groups and join them.





Home

Assembly Browser

Name	Original Name	Color	M
Assembly			
mesh_gda_MMKS.gda			
RBE2_2B		Orange	
RBE2_2A		Orange	
RBE2_1B		Blue	
RBE2_1A		Orange	
beam_example_02.prt.1		Green	

Pick RBE bodies,
1 on each side

Create Bars

RBE Body - 1	RBE2_1A
RBE Body - 2	RBE2_1B
Bar Body Name	RBEBars
Radius	4 mm
Number Of Bars	2

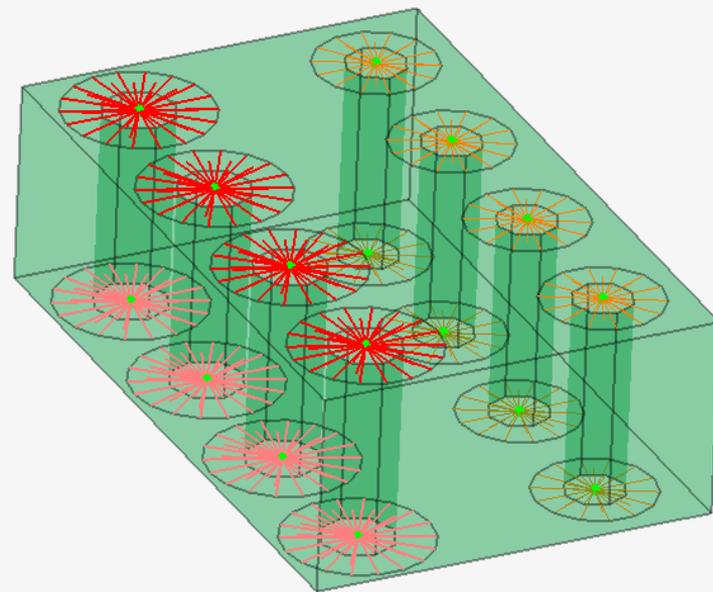
Material / Property

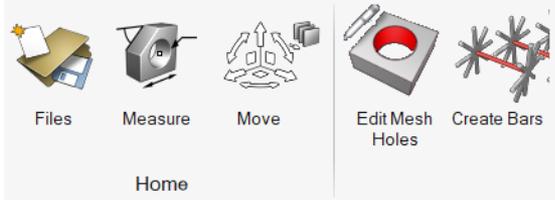
Create Property	<input checked="" type="checkbox"/>
ID	1005
Density	7.8e-09 kg/mm3
Young's Modulus	210000 MPa
Poisson's Ratio	0.3
Damping Coefficient	0.04
Element Type	BAR

Apply OK Cancel

Material and
Element Type
(BAR / BEAM)

Use different IDs if you
don't want to overwrite
existing materials

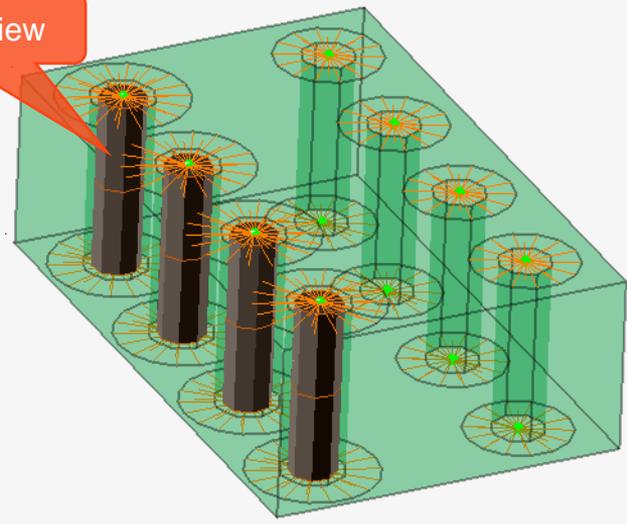




Assembly Browser

Name	Original Name	
Assembly		
mesh_gda_MMKS.gda		
RBEBars0		
* RBE2_2B		
* RBE2_2A		
* RBE2_1B		
* RBE2_1A		
beam_example_02.prt.1		

Radius preview



Property Browser

Name	ID
Materials	
Solid	
1005	1005
Fluid	
Multiphase	
Polymer	
Properties	
1005	1005
Tables	

Material and Property