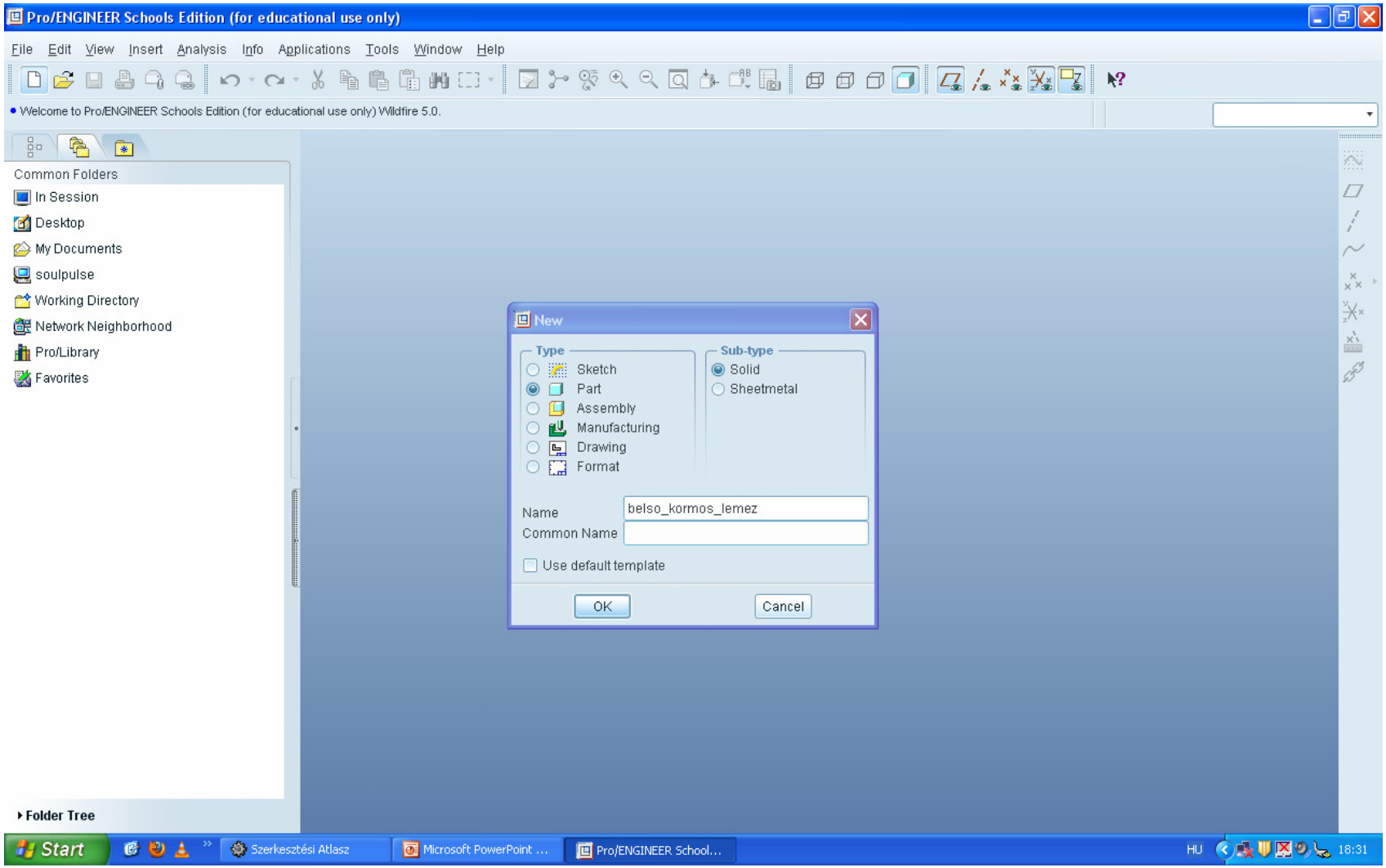
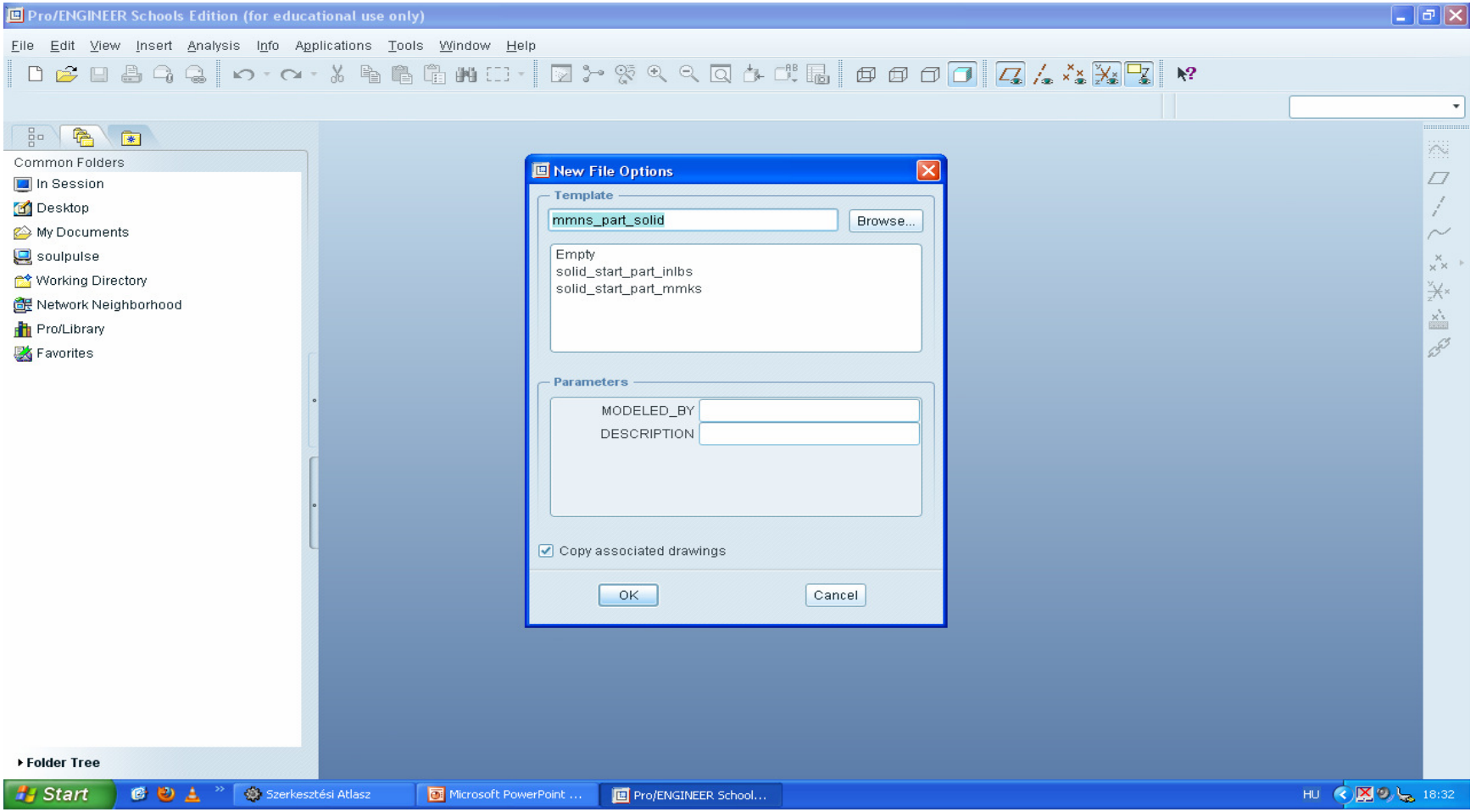
Belso_kormos_lemez



mmns_part_solid !



Herczeg István : Szerkesztési atlasz

Atlasz Nagyítás Követés

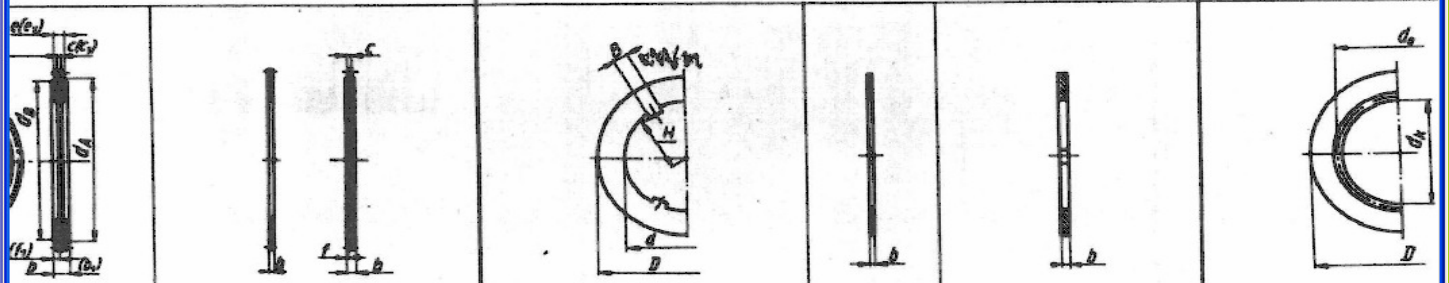
Tartalomjegyzék

- Tengelykapcsolók
  - 206. oldal
  - 207. oldal
  - 208. oldal
  - 209. oldal
  - 210. oldal
  - 211. oldal
  - 212. oldal
  - 213. oldal
  - 214. oldal
  - 215. oldal
  - 216. oldal
  - 217. oldal
  - 218. oldal
  - 219. oldal
  - 220. oldal
  - 221. oldal
  - 222. oldal
  - 223. oldal
  - 224. oldal
  - 225. oldal
  - 226. oldal
  - 227. oldal
  - 228. oldal
  - 229. oldal
  - 230. oldal
  - 231. oldal

Nyomkövető

Kép

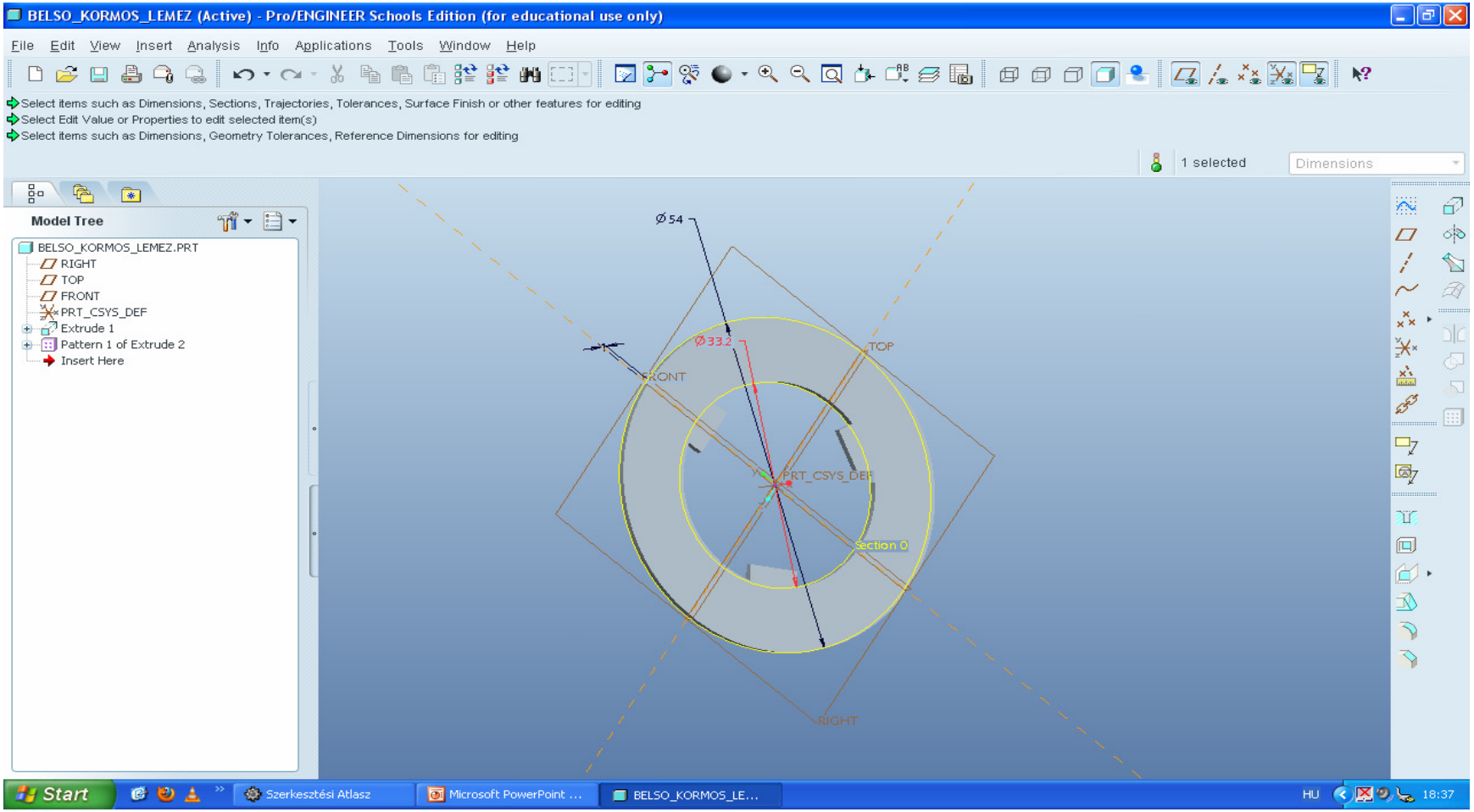
ő fogazatú lemezek | Belső körmös | lemez | nyomótárcsa | Belső fogazatú

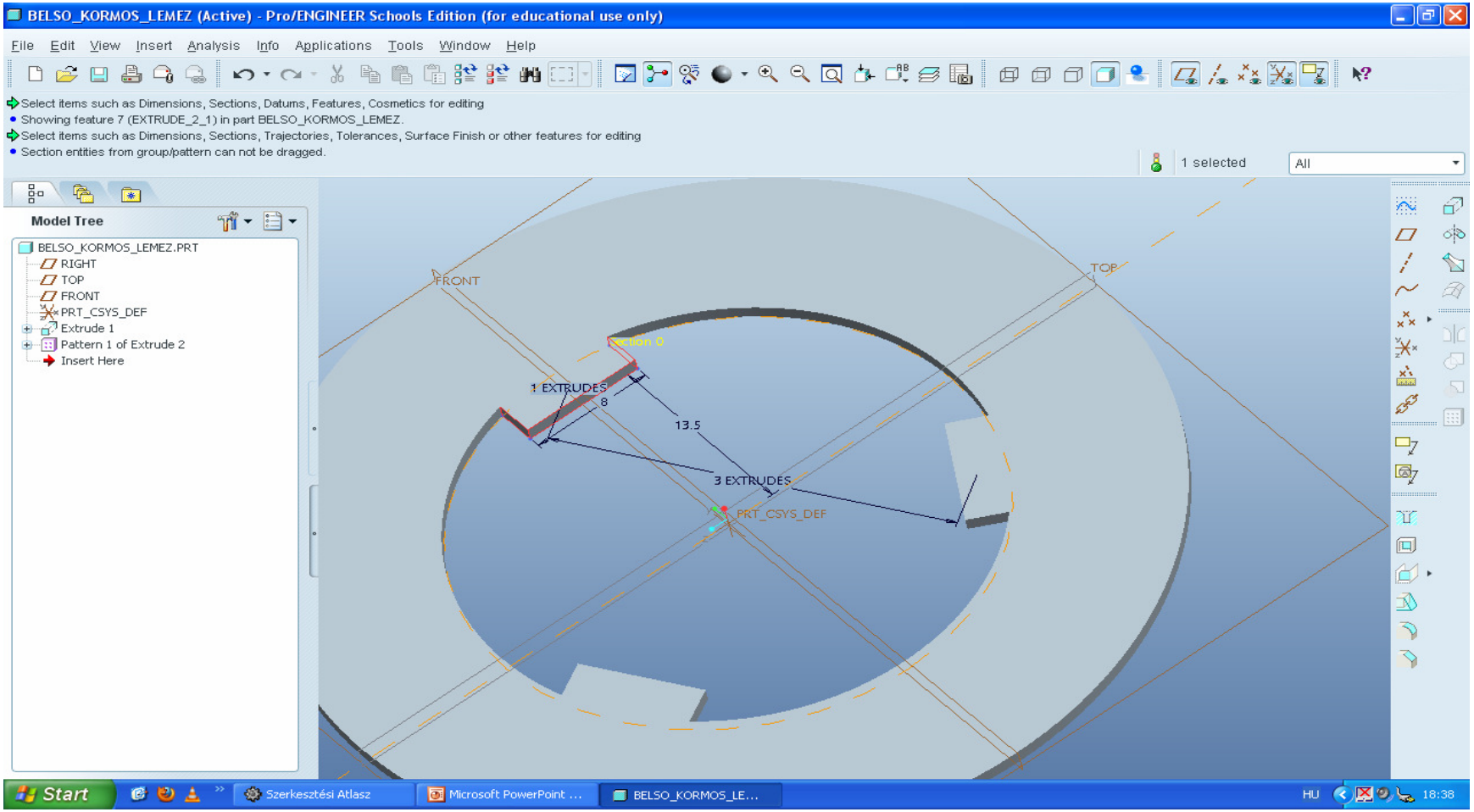


Konstant							Közös adatok					Acél		Acél				Közös adatok			
$f_2 \approx$	k	b	d_b	b	f	c	D	d	H	B	i	b	Ivelt-ság	d_a	d_l	B_a	b	z	m	d_o	d_l
							54	33,2	13,5	8	3	1	0,25	39	27	8	2,5				
							67	48,2	19,6	9,75	3	1,45	0,16	–	39	–	4				
							78	58,2	24,4	9,75	3	1,45	0,18	–	48,6	–	4				
							88	65,2	27,9	9,75	3	1,45	0,25								
							98	70,2	30,1	9,75	3	1,45	0,2	78	60	12	3				
							110	70,2	30,1	9,75	3	1,45	0,25	78	60	12	3				

Start | Szerkesztési Atlasz | Microsoft PowerPoint ... | BELSO_KORMOS_LE... | HU | 18:38

54x33.2x1


BELSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
Select Edit Value or Properties to edit selected item(s)
Select items such as Dimensions, Geometry Tolerances, Reference Dimensions for editing
1 selected
Dimensions
Model Tree
BELSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Pattern 1 of Extrude 2
Insert Here
Ø54
Ø33.2
TOP
FRONT
PRT_CSYS_DEF
Section 0
RIGHT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
HU
18:37


BELSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select items such as Dimensions, Sections, Datums, Features, Cosmetics for editing
Showing feature 7 (EXTRUDE_2_1) in part BELSO_KORMOS_LEMEZ.
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
Section entities from group/pattern can not be dragged.
1 selected
All
Model Tree
BELSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Pattern 1 of Extrude 2
Insert Here
FRONT
TOP
1 EXTRUDES
8
13.5
3 EXTRUDES
PRT_CSYS_DEF
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
HU
18:38

Herczeg István : Szerkesztési atlasz

Atlasz Nagyítás Követés

Tartalomjegyzék

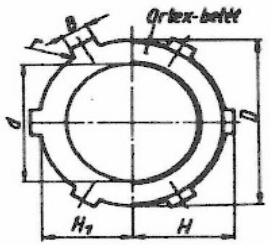
- Tengelykapcsolók
  - 206. oldal
  - 207. oldal
  - 208. oldal
  - 209. oldal
  - 210. oldal
  - 211. oldal
  - 212. oldal
  - 213. oldal
  - 214. oldal
  - 215. oldal
  - 216. oldal
  - 217. oldal
  - 218. oldal
  - 219. oldal
  - 220. oldal
  - 221. oldal
  - 222. oldal
  - 223. oldal
  - 224. oldal
  - 225. oldal
  - 226. oldal
  - 227. oldal
  - 228. oldal
  - 229. oldal
  - 230. oldal
  - 231. oldal

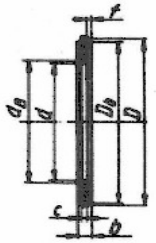
Nyomkövető

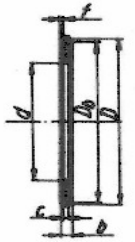
44
49,5
55

Kép

Külső körmös lemezek



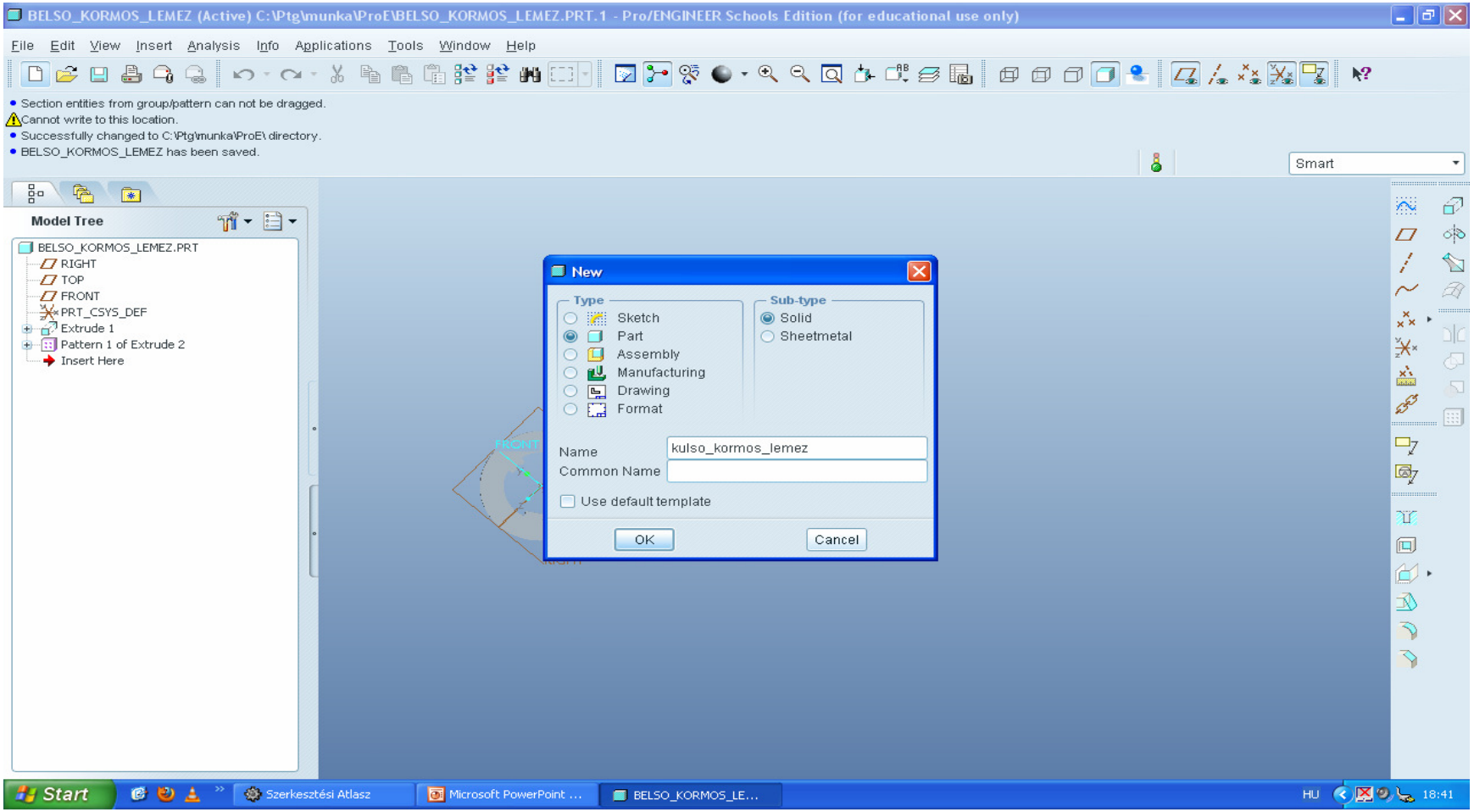




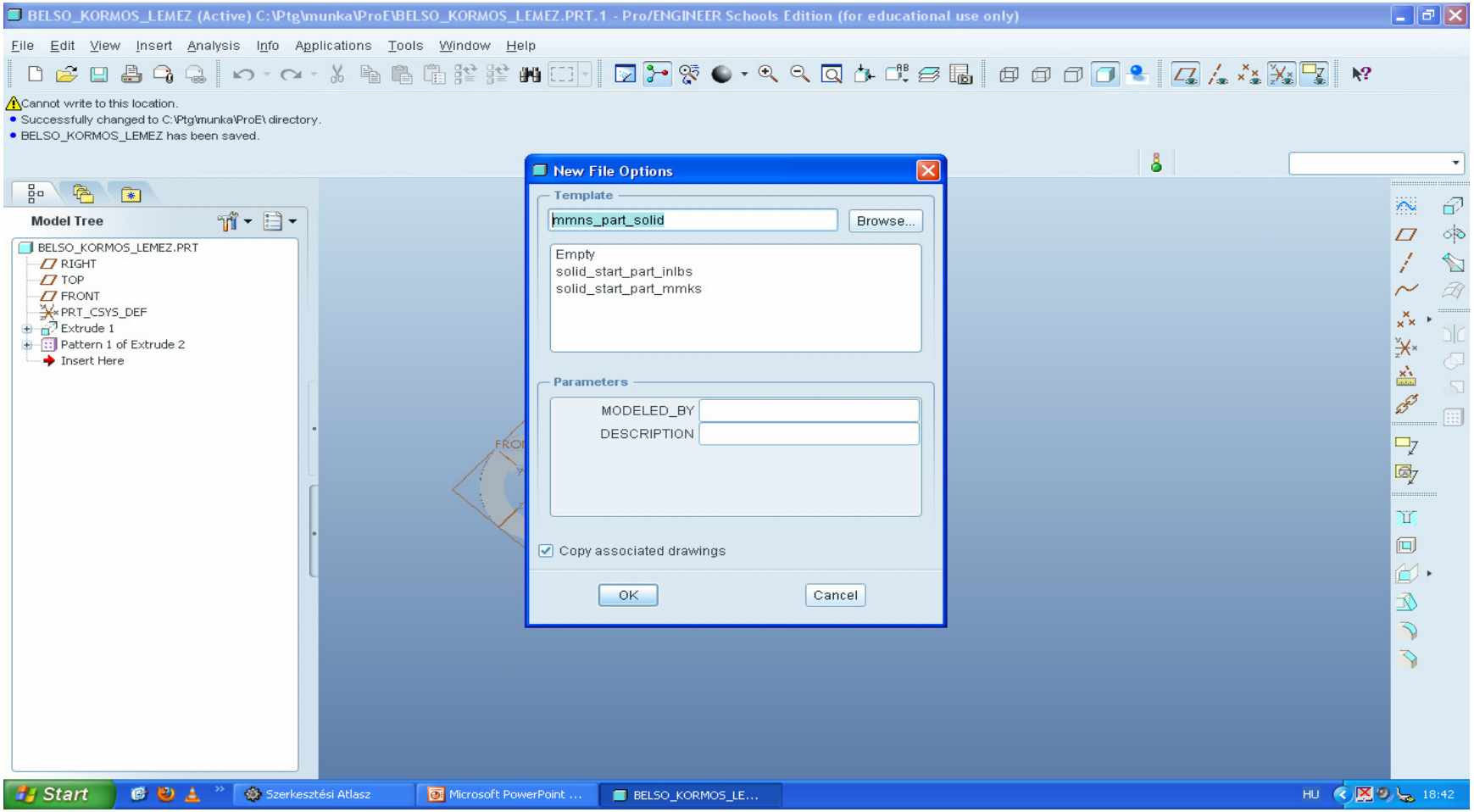
	Közös adatok							Acél	Ortex					Konstant			
Jelölés	D	d	B	H	H_1	r	i	b	D_b	d_B	b	c	f ≈	b	D_B	b	c
07	54,5	34	10	31	25,8	1,2	3	1						1,5			
11	69,8	50	12	38,5	33,3	1,2	3	1,45	67	52	3,2	1,2	1	1,5	65	2,2	1,2
15	79,8	60	12	44	38,3	1,2	3	1,45	77	62	3,2	1,2	1	1,5	76	2,2	1,2
19	89,8	68	12	49,5	43,3	1,2	3	1,45						1,5			
23	100	72	12	55	48,5	1,2	8	1,45	97	74	3,4	1,45	1	1,5	96	2,4	1,45
25	111,5	72	19	61	53,8	1,2	6	1,45	108	74	3,4	1,45	1	1,5	108	2,4	1,45
27	109,8	78	12	61	53,2	1,2	6	1,45						1,5			

Start | Szerkesztési Atlasz | Microsoft PowerPoint ... | BELSO_KORMOS_LE... | HU | 18:40

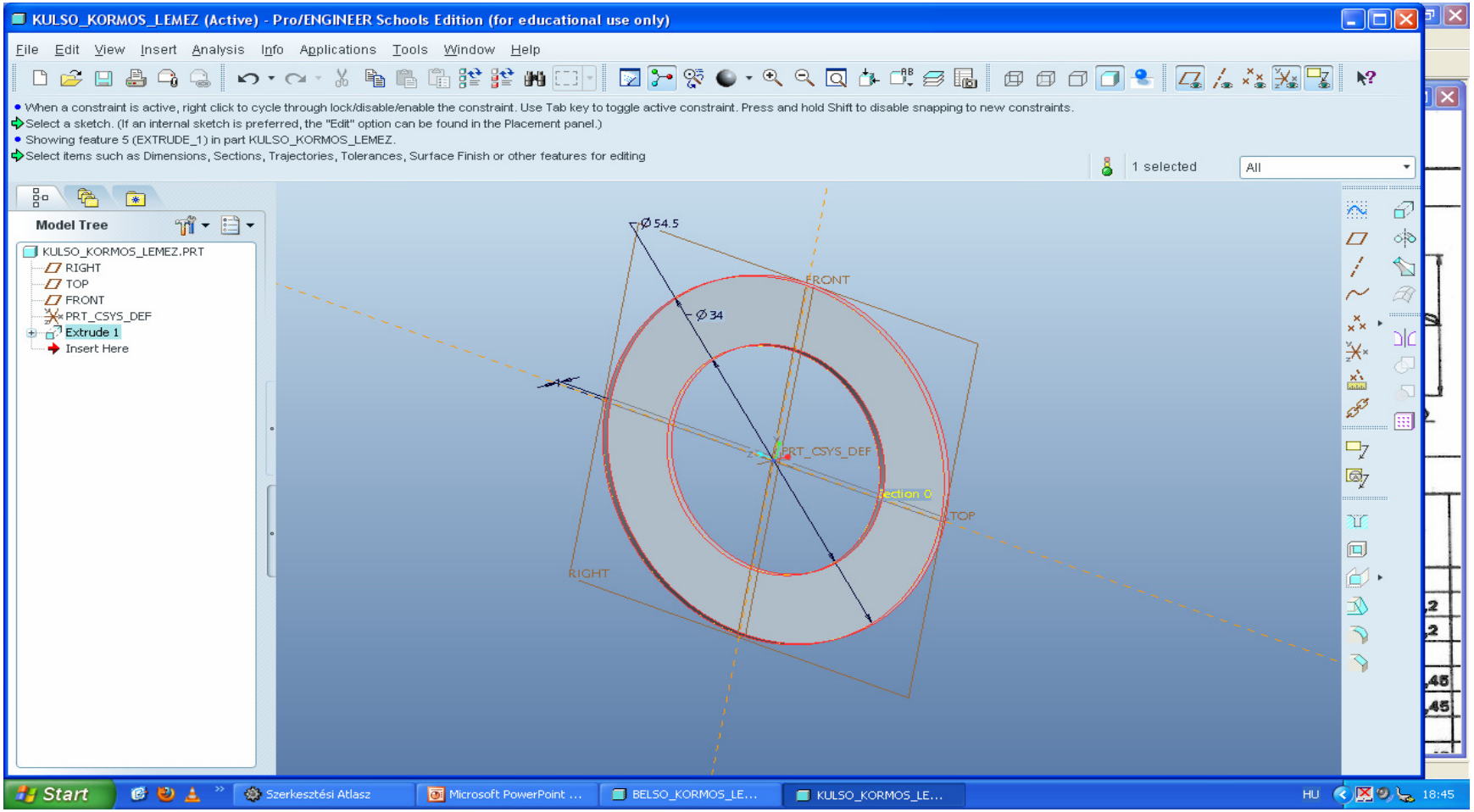
Kulso_kormos_lemez



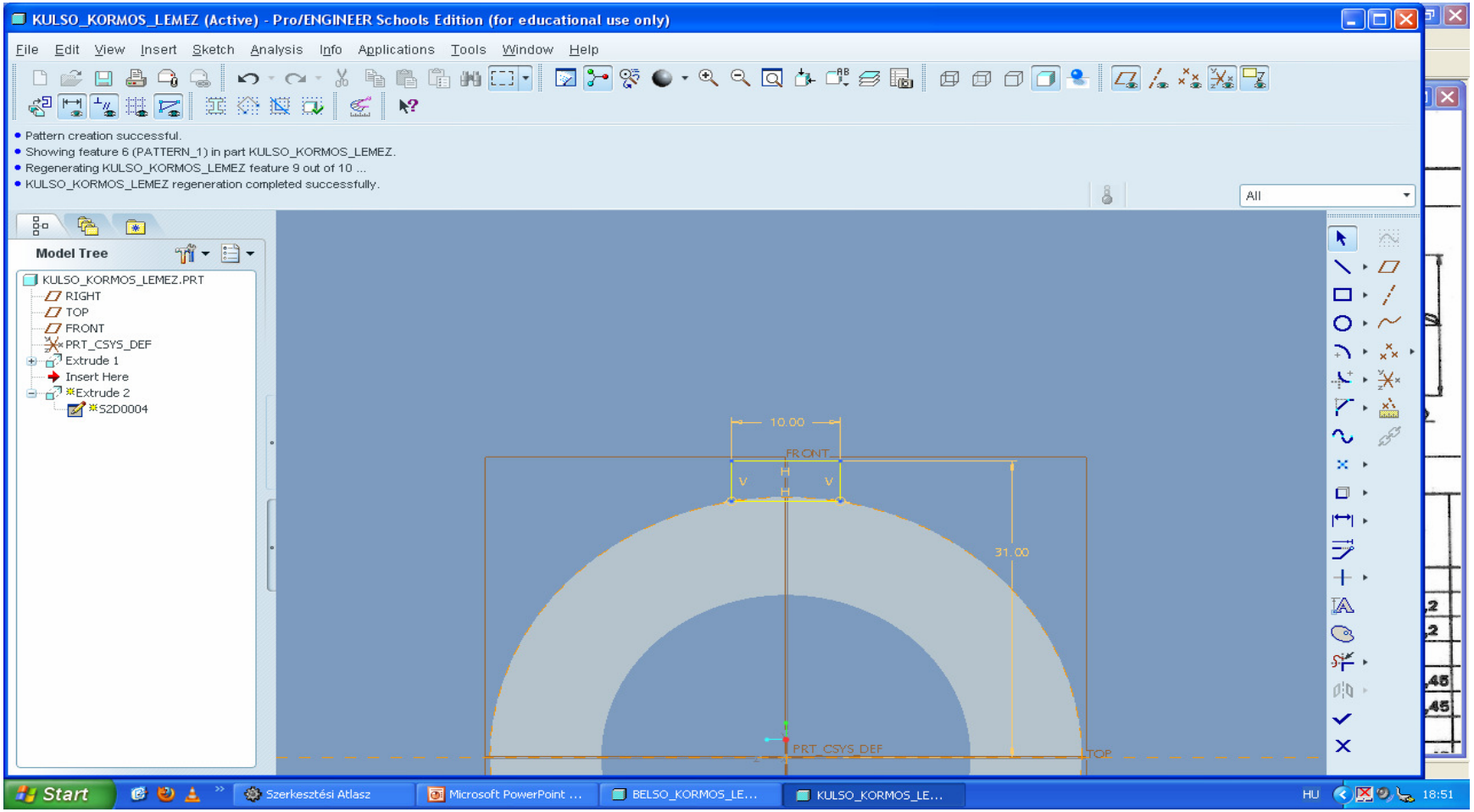
Mmns_part_solid



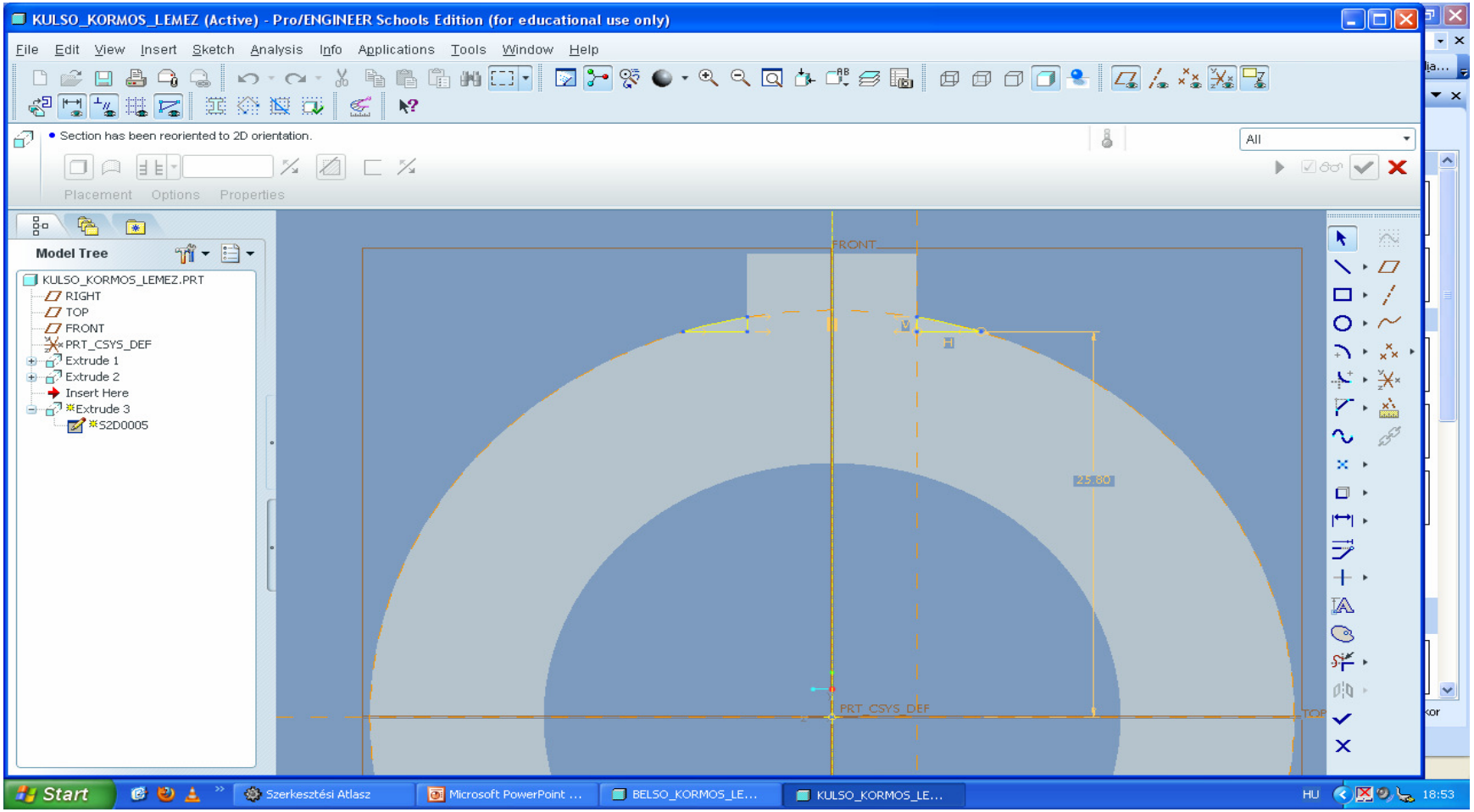
54.5x34x1

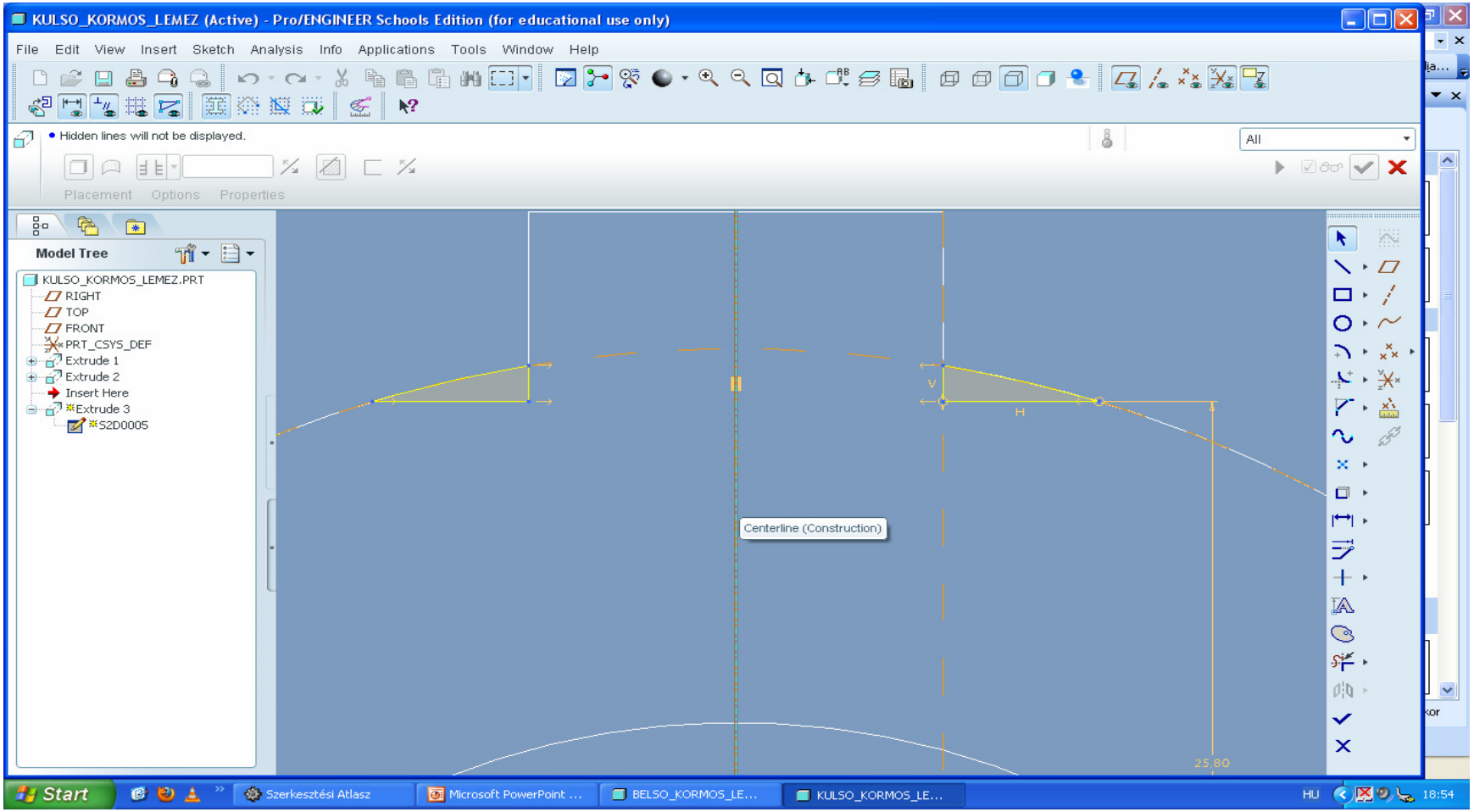

KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
When a constraint is active, right click to cycle through lock/disable/enable the constraint. Use Tab key to toggle active constraint. Press and hold Shift to disable snapping to new constraints.
Select a sketch. (If an internal sketch is preferred, the "Edit" option can be found in the Placement panel.)
Showing feature 5 (EXTRUDE_1) in part KULSO_KORMOS_LEMEZ.
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
1 selected
All
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Insert Here
Ø 54.5
Ø 34
FRONT
PRT_CSYS_DEF
RIGHT
TOP
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:45

Korom 10, 31 extrude to selected

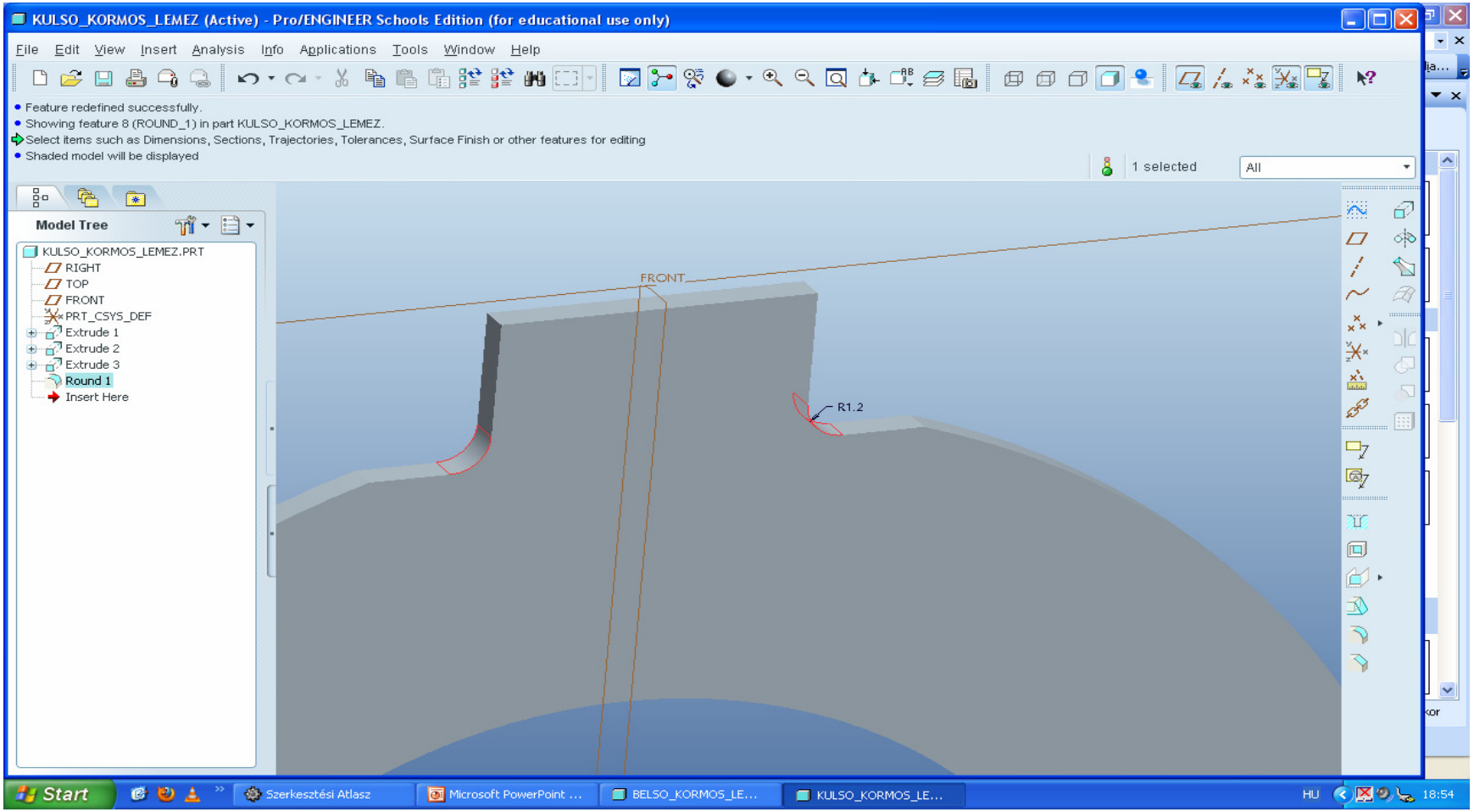


25.8

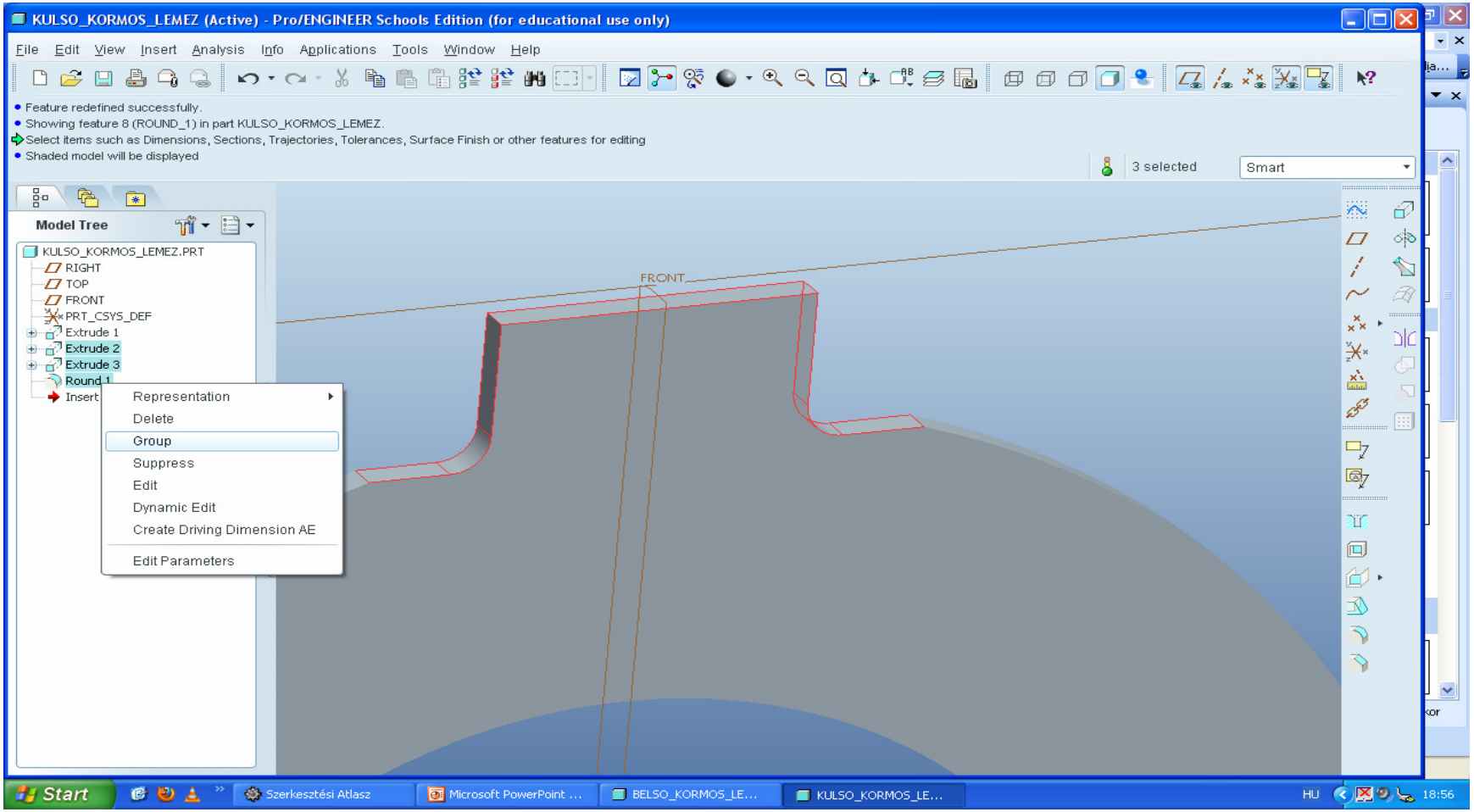

KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Sketch Analysis Info Applications Tools Window Help
Section has been reoriented to 2D orientation.
All
Placement Options Properties
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Extrude 2
Insert Here
Extrude 3
S2D0005
FRONT
25.80
PRT_CSYS_DEF
TOP
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:53

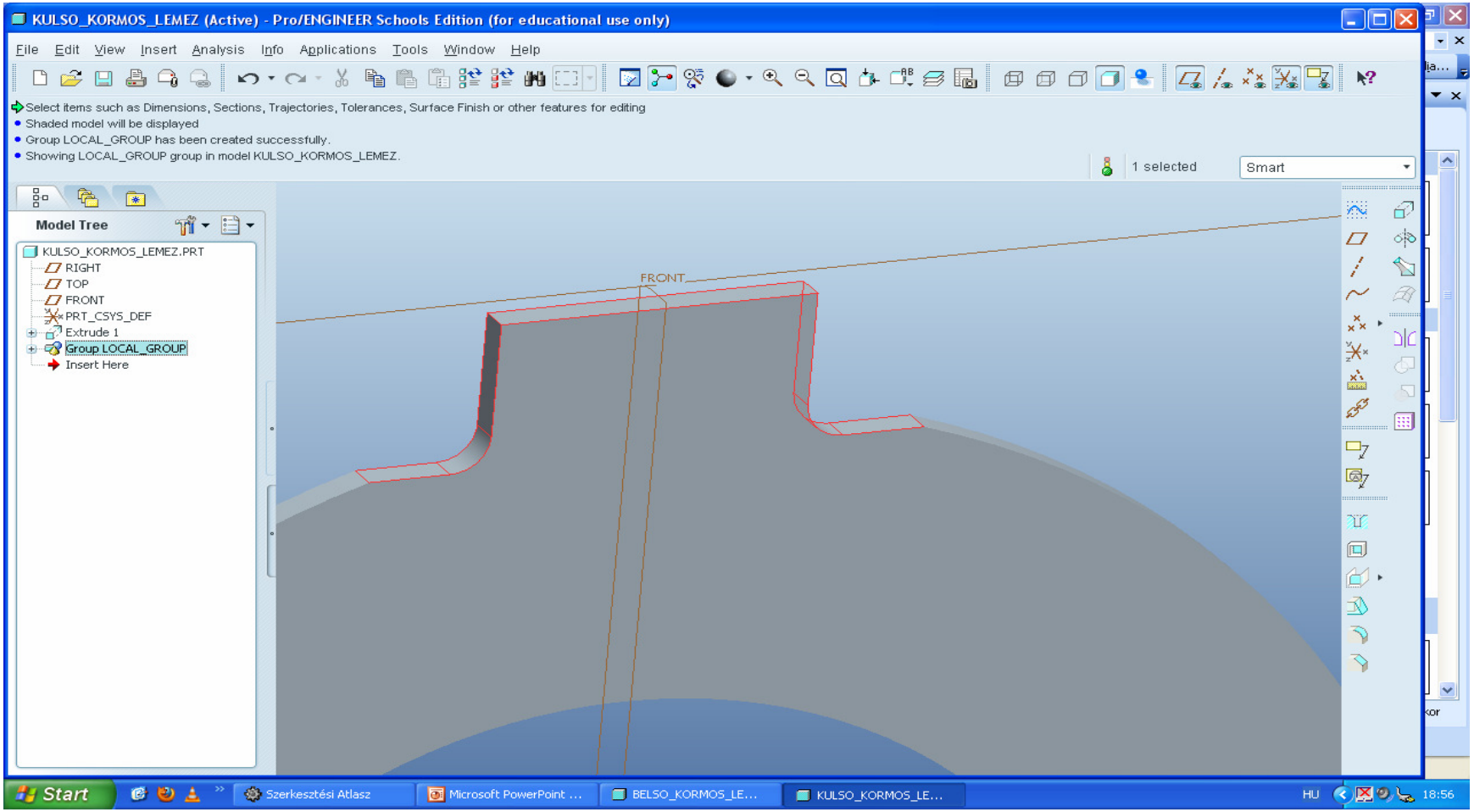

KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Sketch Analysis Info Applications Tools Window Help
Hidden lines will not be displayed.
All
Placement Options Properties
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Extrude 2
Insert Here
Extrude 3
S2D0005
Centerline (Construction)
V
H
25.80
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:54

R=1.2

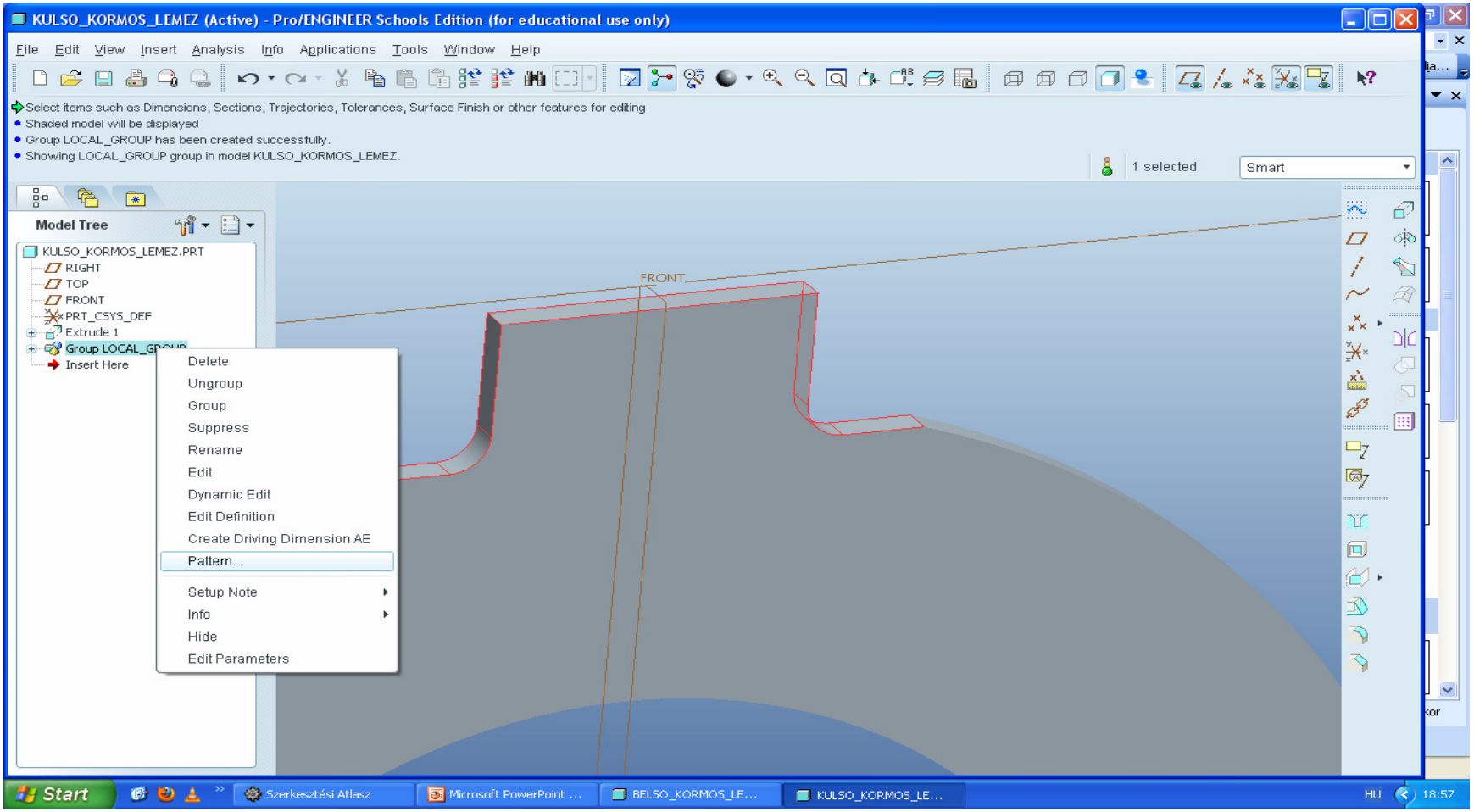

KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Feature redefined successfully.
Showing feature 8 (ROUND_1) in part KULSO_KORMOS_LEMEZ.
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
Shaded model will be displayed
1 selected
All
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Extrude 2
Extrude 3
Round 1
Insert Here
FRONT
R1.2
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:54

Csoportba rendezés (kijeloles majd JobbEgér->Group)

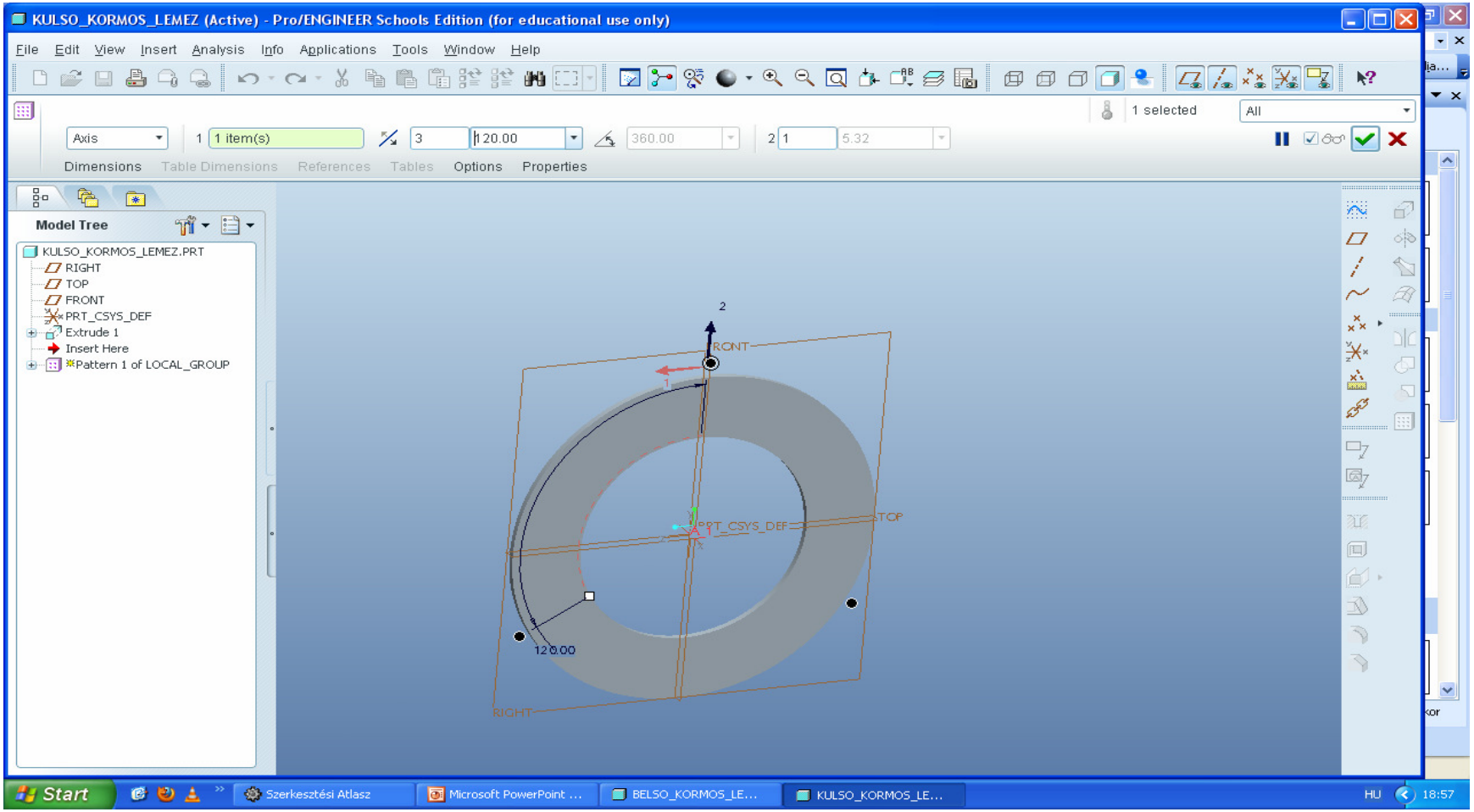



KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
Shaded model will be displayed
Group LOCAL_GROUP has been created successfully.
Showing LOCAL_GROUP group in model KULSO_KORMOS_LEMEZ.
1 selected
Smart
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Group LOCAL_GROUP
Insert Here
FRONT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:56

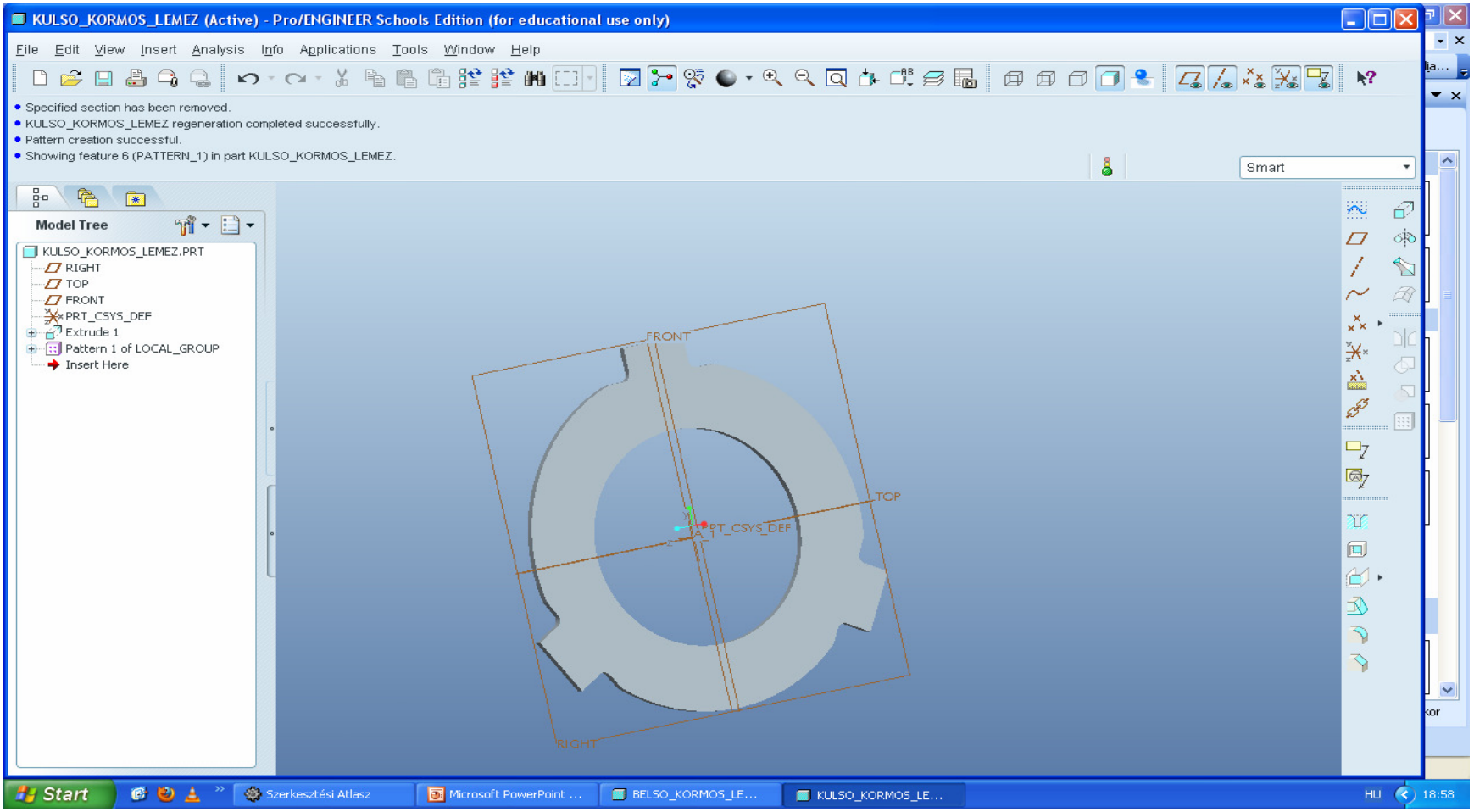
JE pattern


KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select items such as Dimensions, Sections, Trajectories, Tolerances, Surface Finish or other features for editing
Shaded model will be displayed
Group LOCAL_GROUP has been created successfully.
Showing LOCAL_GROUP group in model KULSO_KORMOS_LEMEZ.
1 selected
Smart
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Group LOCAL_GROUP
Insert Here
Delete
Ungroup
Group
Suppress
Rename
Edit
Dynamic Edit
Edit Definition
Create Driving Dimension AE
Pattern...
Setup Note
Info
Hide
Edit Parameters
FRONT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:57

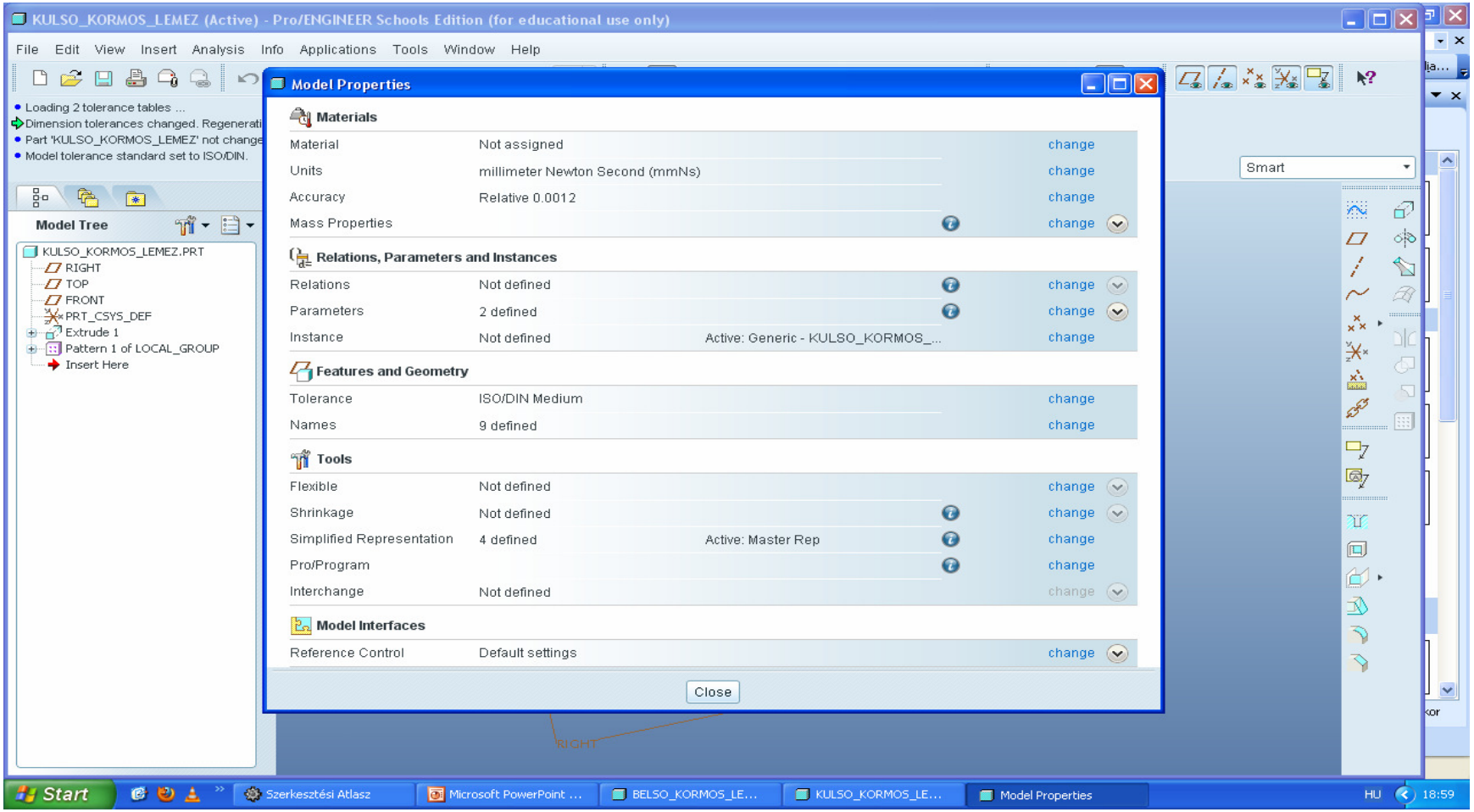
Axis 3 120°


KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Axis
1 item(s)
120.00
Dimensions Table Dimensions References Tables Options Properties
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Insert Here
Pattern 1 of LOCAL_GROUP
FRONT
PRT_CSYS_DEF
TOP
120.00
RIGHT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:57

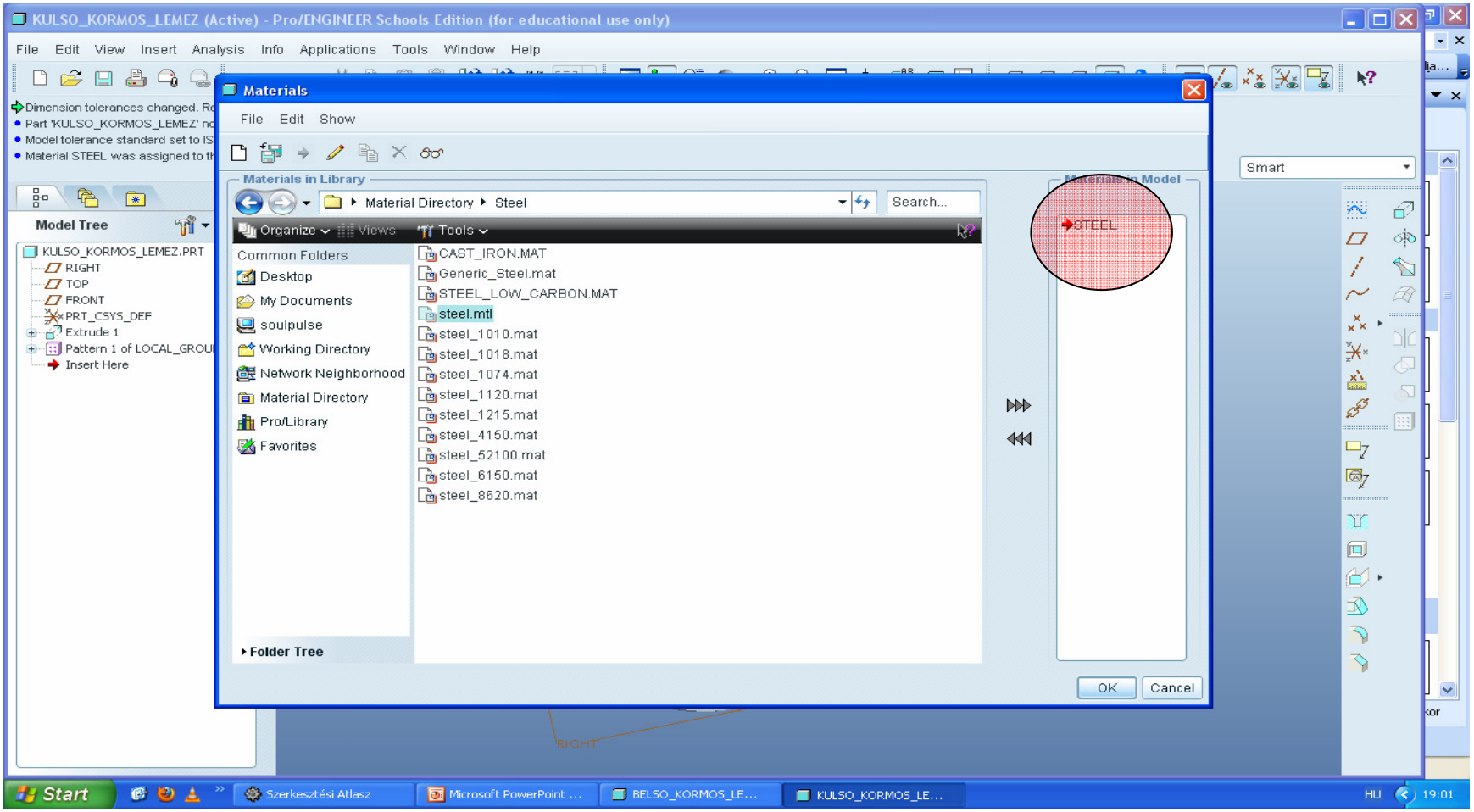
kesz


KULSO_KORMOS_LEMEZ (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Specified section has been removed.
KULSO_KORMOS_LEMEZ regeneration completed successfully.
Pattern creation successful.
Showing feature 6 (PATTERN_1) in part KULSO_KORMOS_LEMEZ.
Smart
Model Tree
KULSO_KORMOS_LEMEZ.PRT
RIGHT
TOP
FRONT
PRT_CSYS_DEF
Extrude 1
Pattern 1 of LOCAL_GROUP
Insert Here
FRONT
TOP
PRT_CSYS_DEF
RIGHT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
BELSO_KORMOS_LE...
KULSO_KORMOS_LE...
HU
18:58

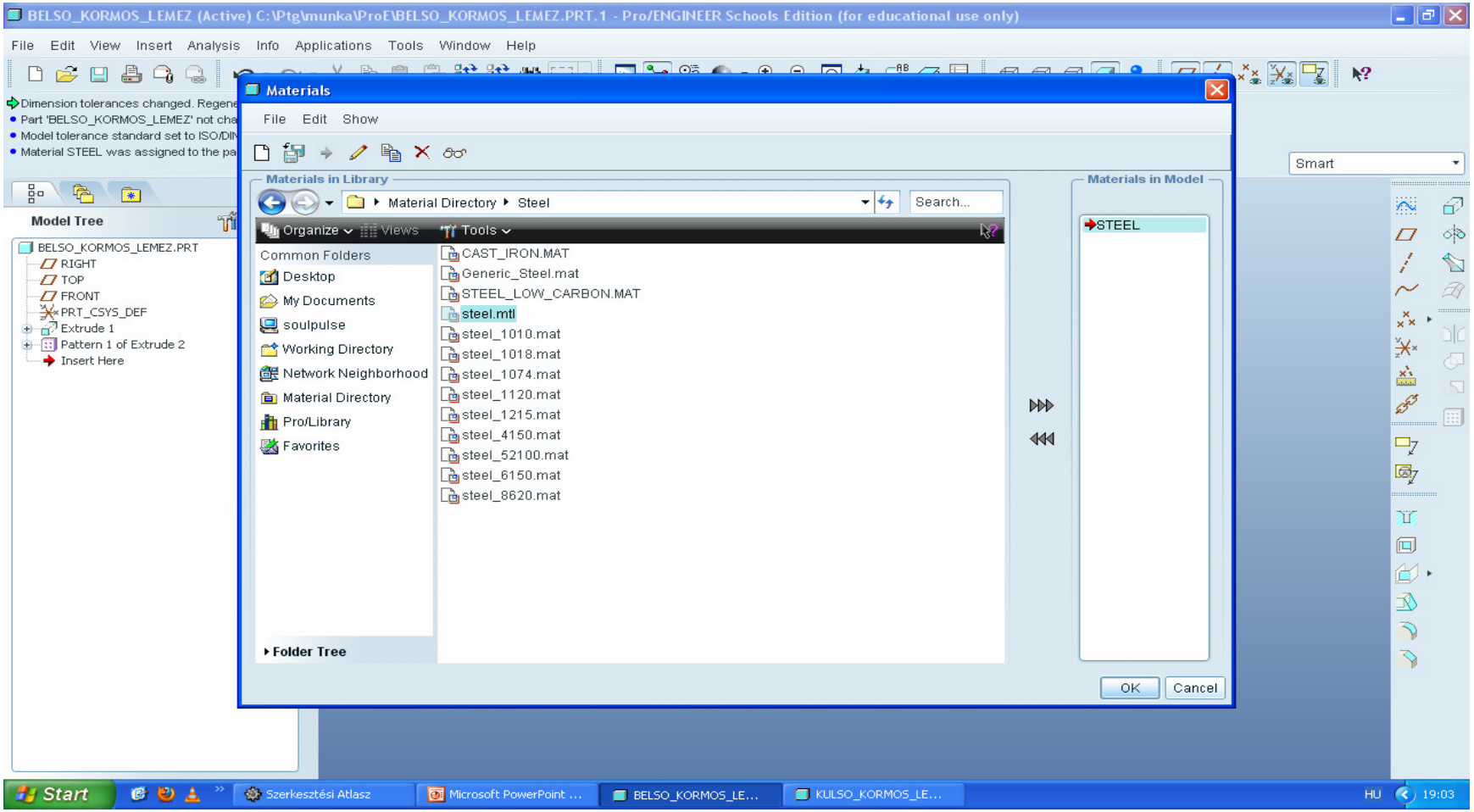
Anyagok! File/Properties



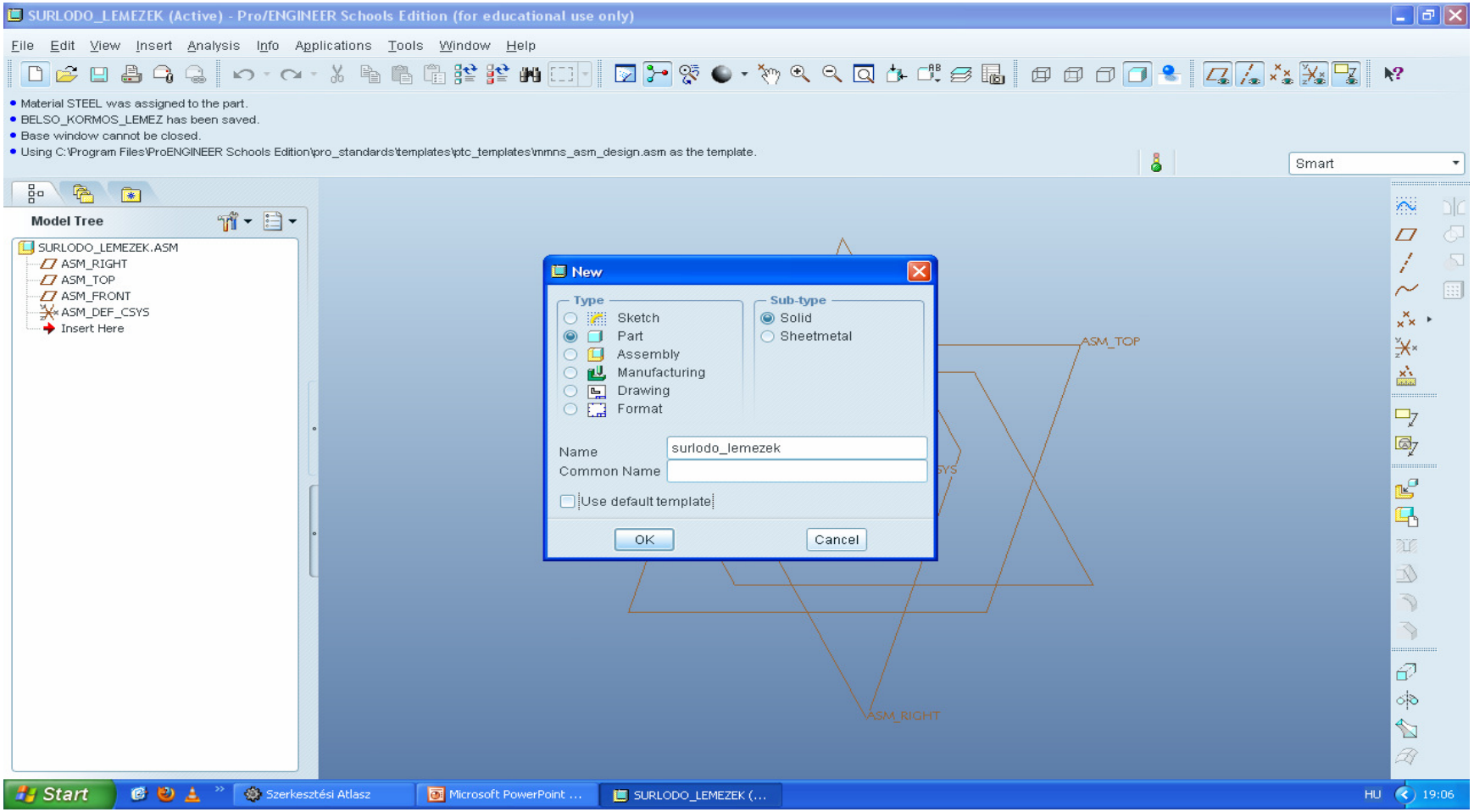
Material -→CHANGE majd Steel-re dupla katt, és jobbra bekerül



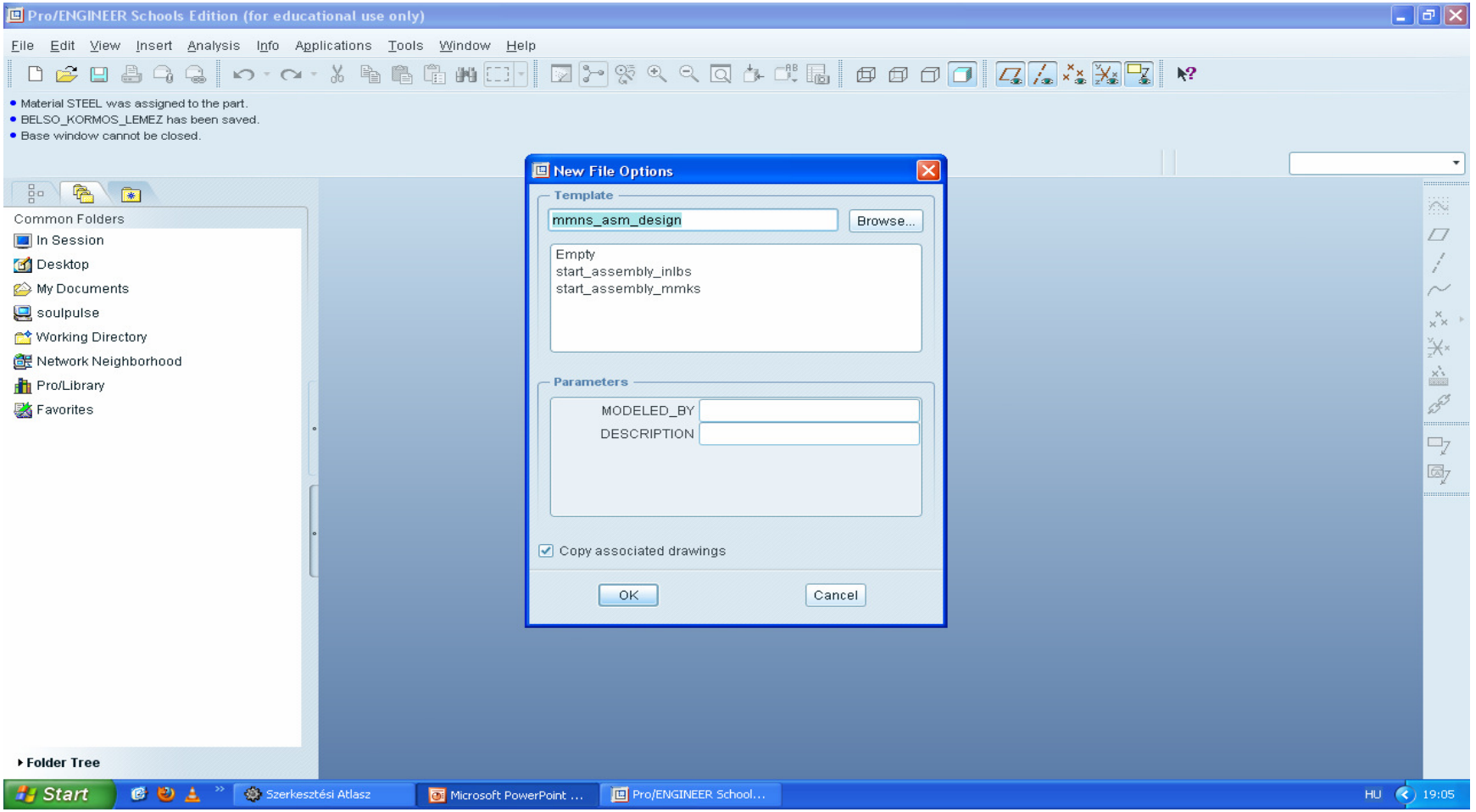
Másik alkatrészen is !!



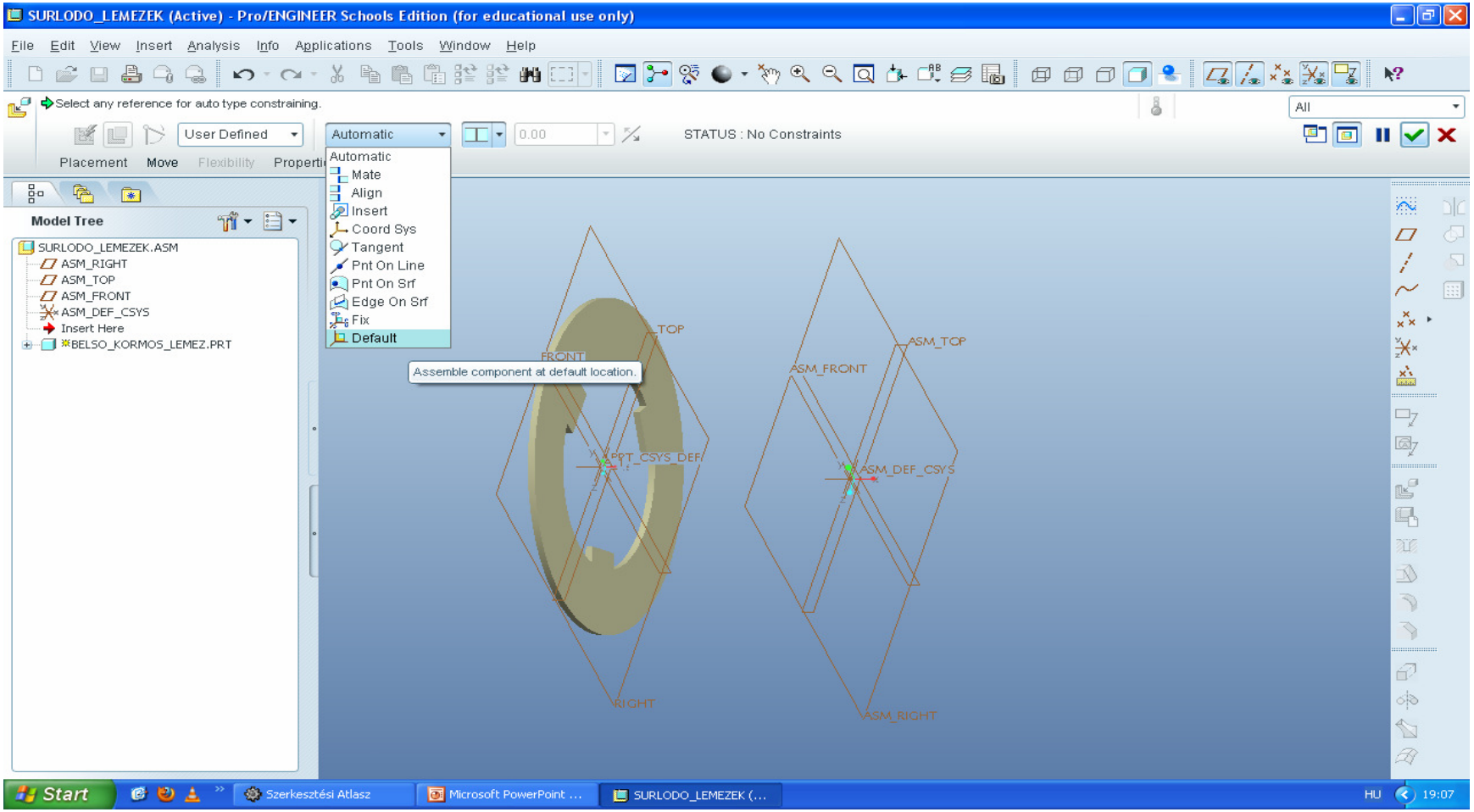
Összesszerelés, surlodo_lemezek.asm

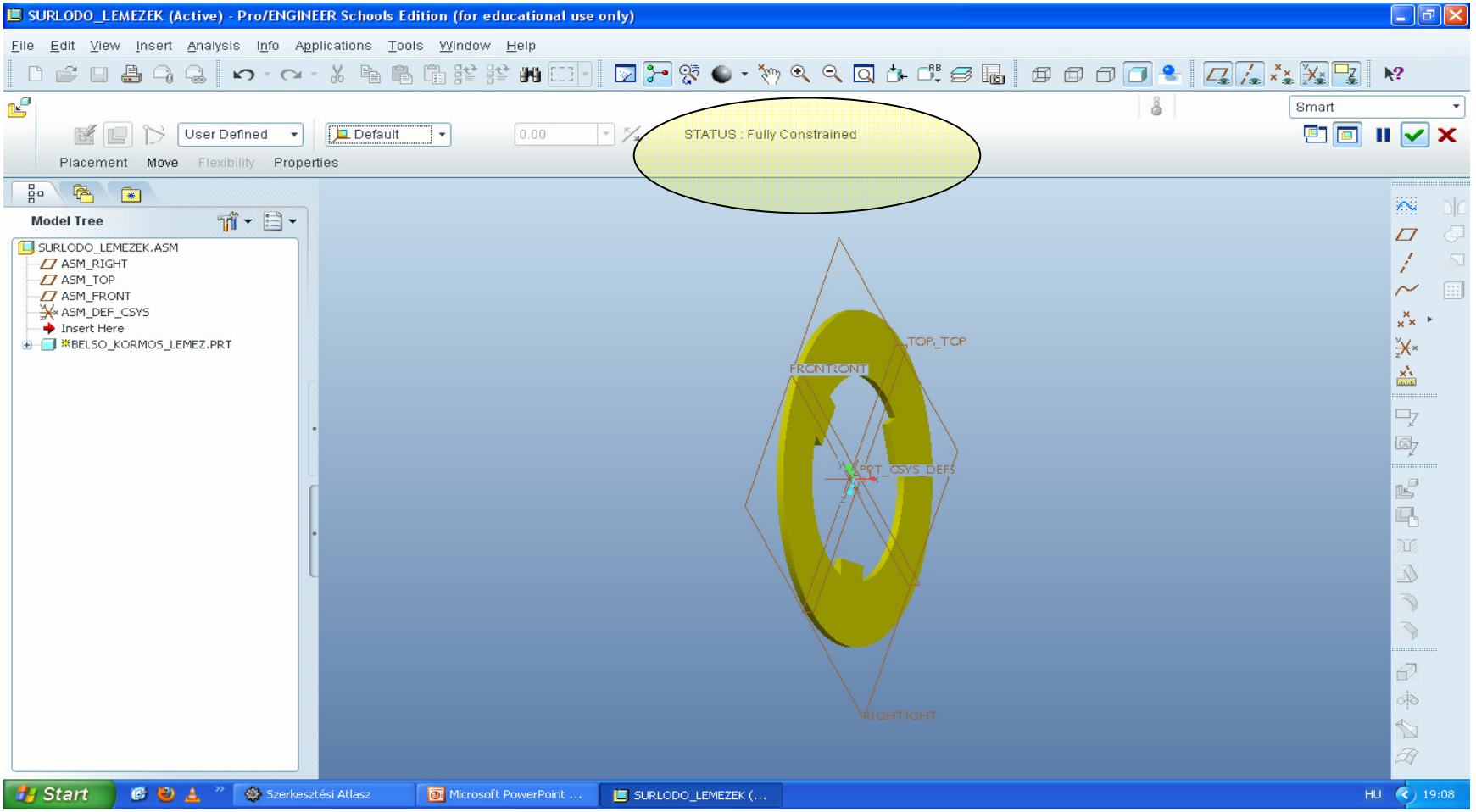


Mmns_asm_design

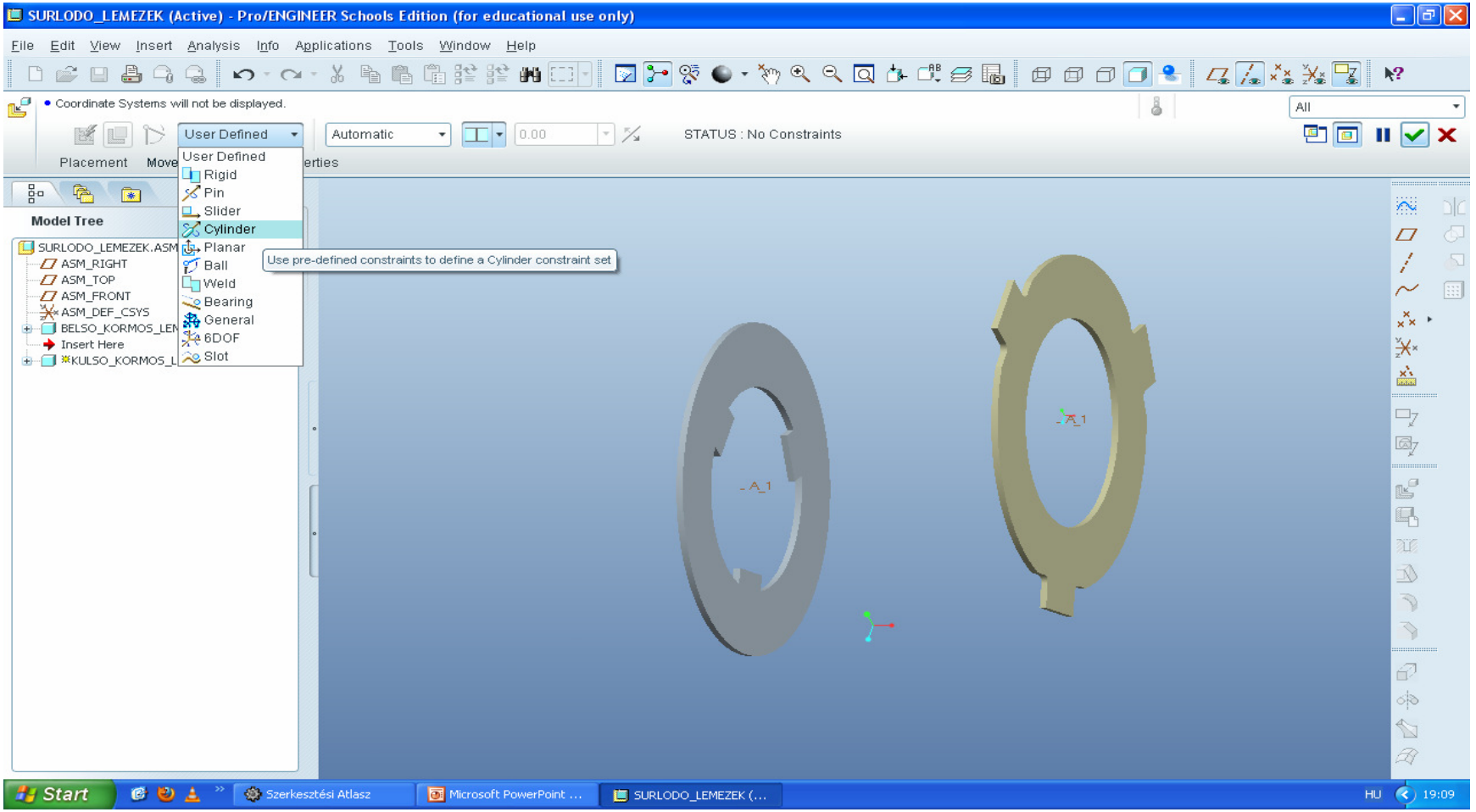


Belso kormos_ DEFAULT



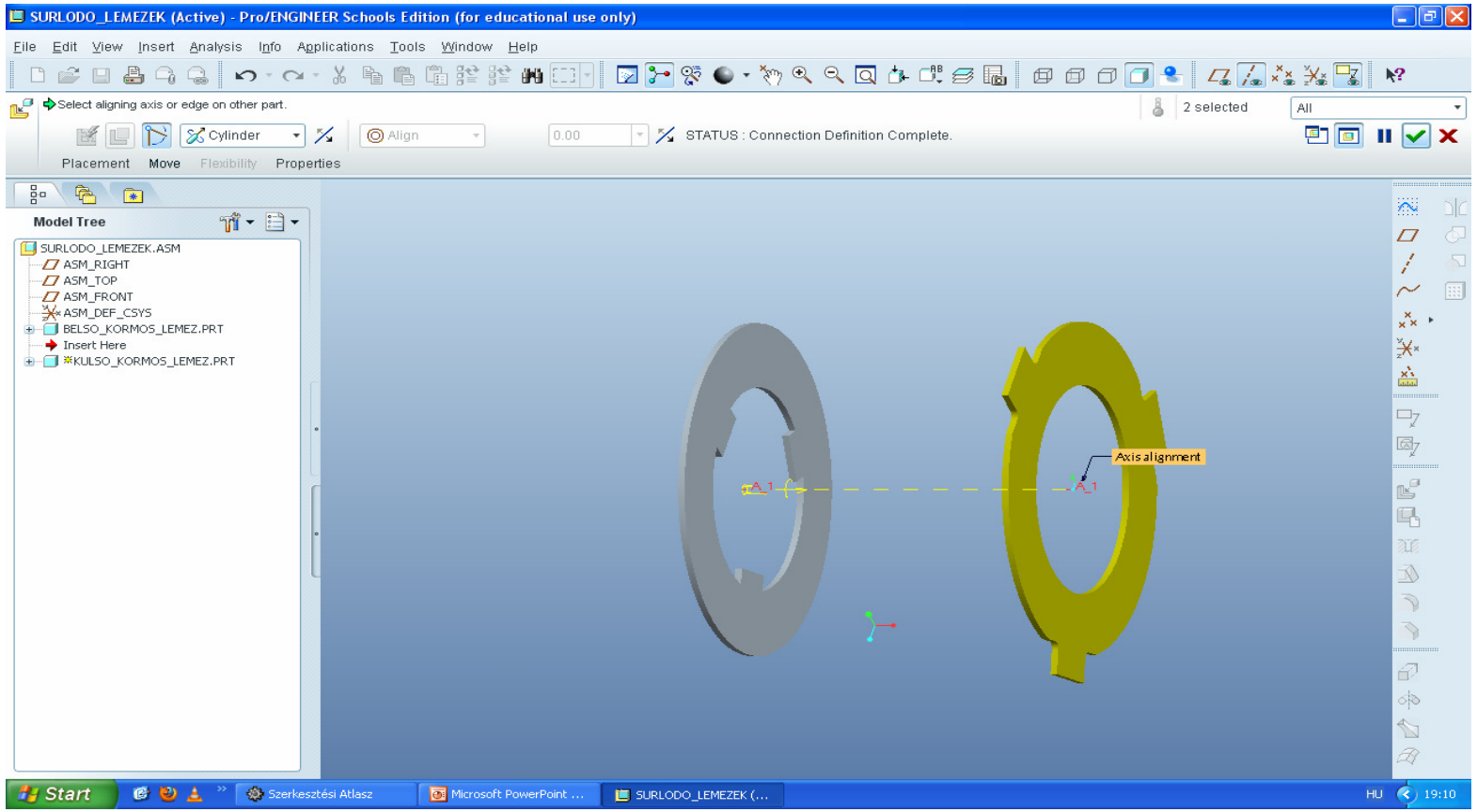

SURLODO_LEMEZEK (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
User Defined
Default
0.00
STATUS : Fully Constrained
Smart
Placement Move Flexibility Properties
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
Insert Here
BELSO_KORMOS_LEMEZ.PRT
TOP:TOP
FRONT:FRONT
PRT_CSYS_DEF5
RIGHT:RIGHT
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
HU
19:08

Kulso kormos→ cylinder

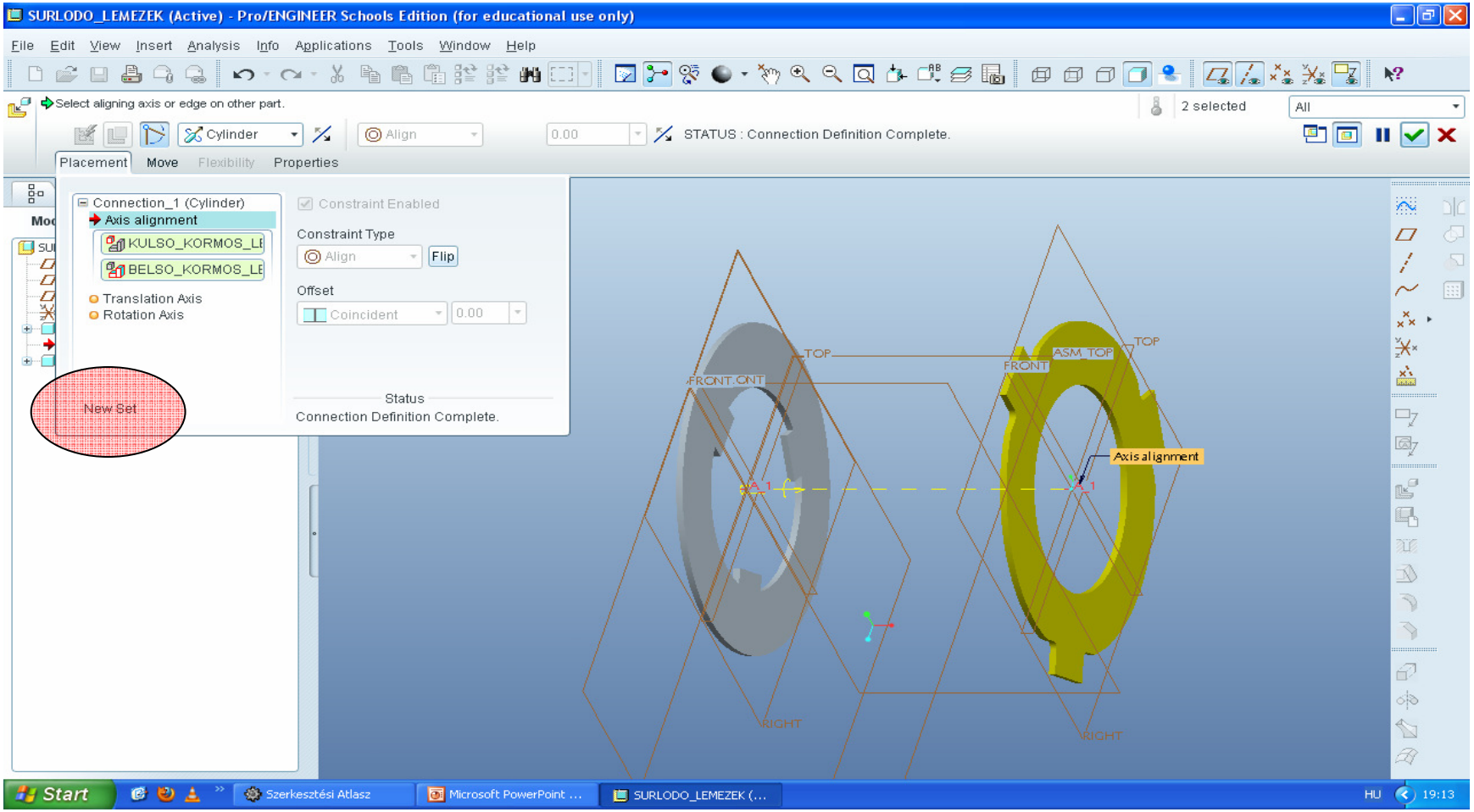


A_1→a_1

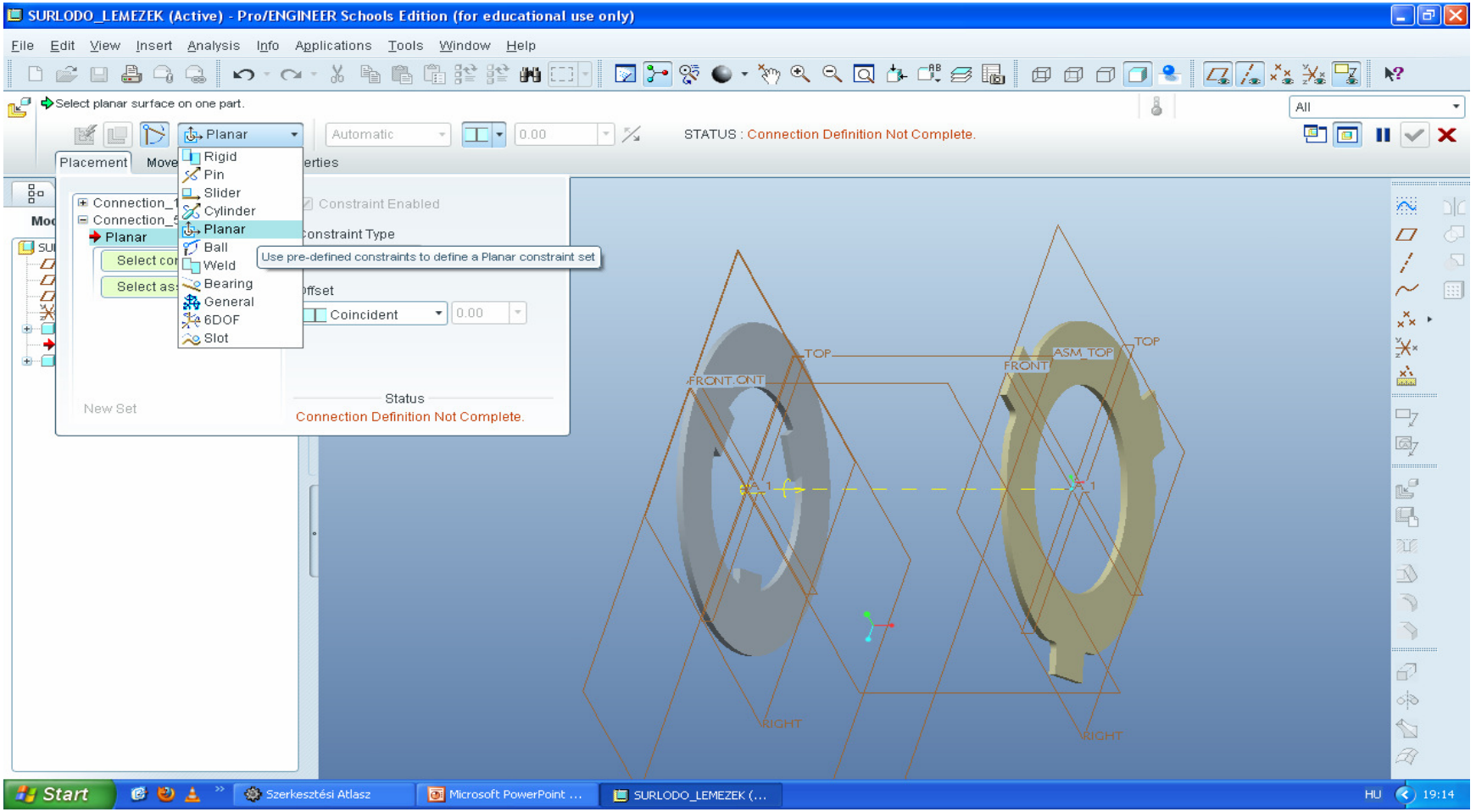
Ctrl+alt+JEgér+egérmozg eltolja, Ctrl+alt+KEgér+egérmozg forgatja, Ctrl+alt+BEgér+egérmozg mind2



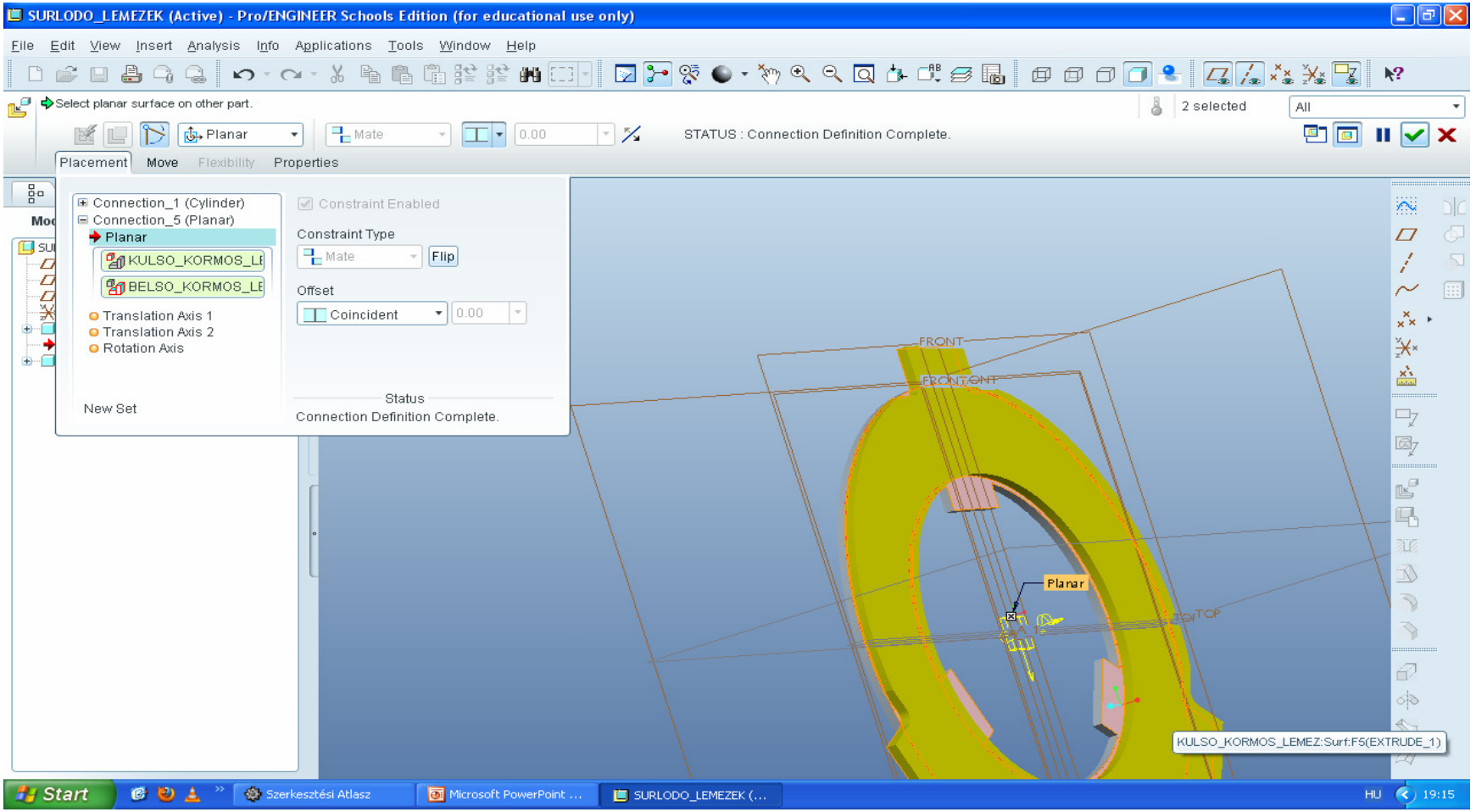
Placement NEW SET!



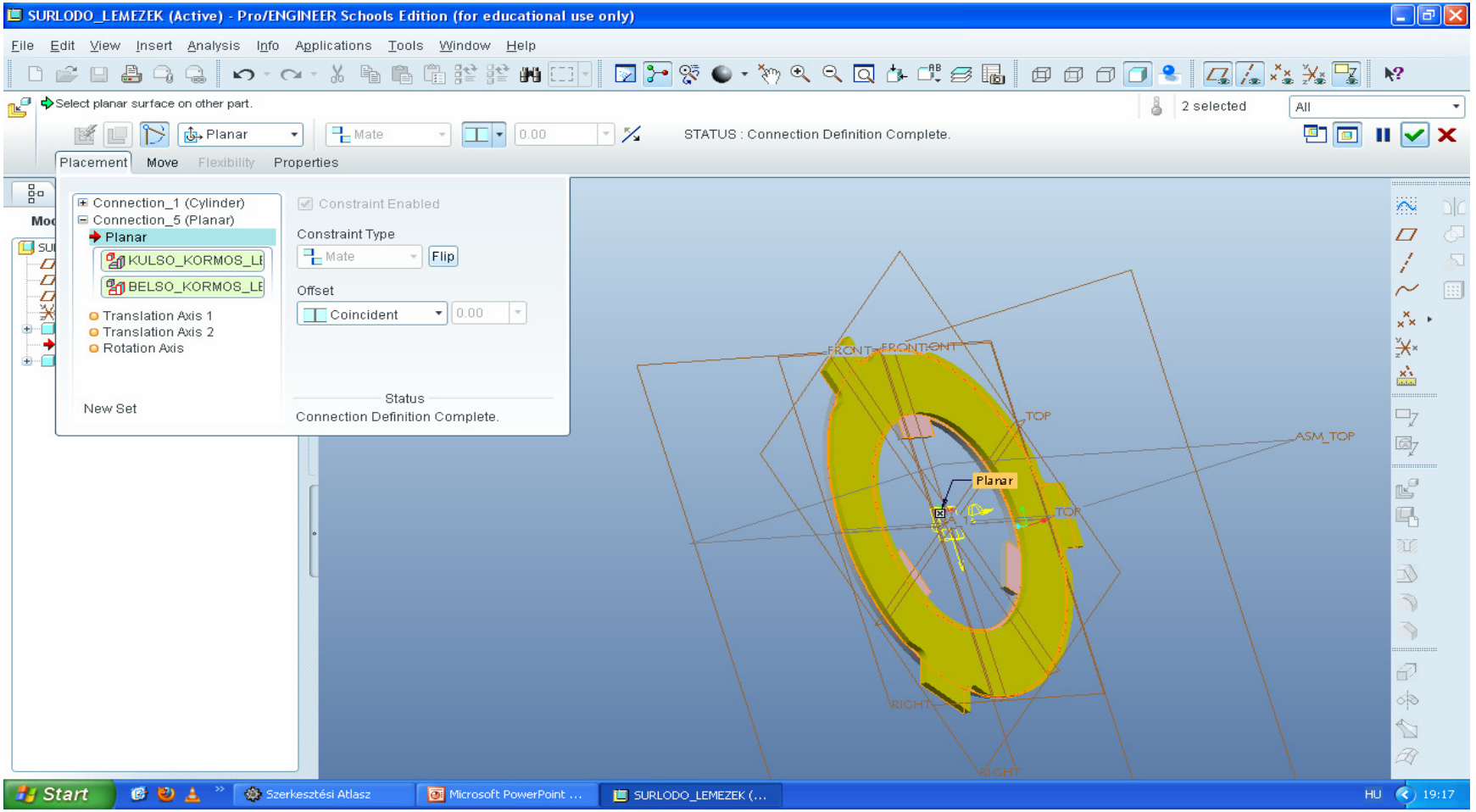
planar


SURLODO_LEMEZEK (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select planar surface on one part.
Planar
Automatic
0.00
STATUS : Connection Definition Not Complete.
All
Placement
Rigid
Pin
Slider
Cylinder
Planar
Ball
Weld
Bearing
General
6DOF
Slot
Use pre-defined constraints to define a Planar constraint set
Connection_1
Connection_5
Planar
Constraint Enabled
Constraint Type
Coincident
0.00
New Set
Status
Connection Definition Not Complete.
TOP
FRONT
RIGHT
ASM_TOP
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
HU
19:14

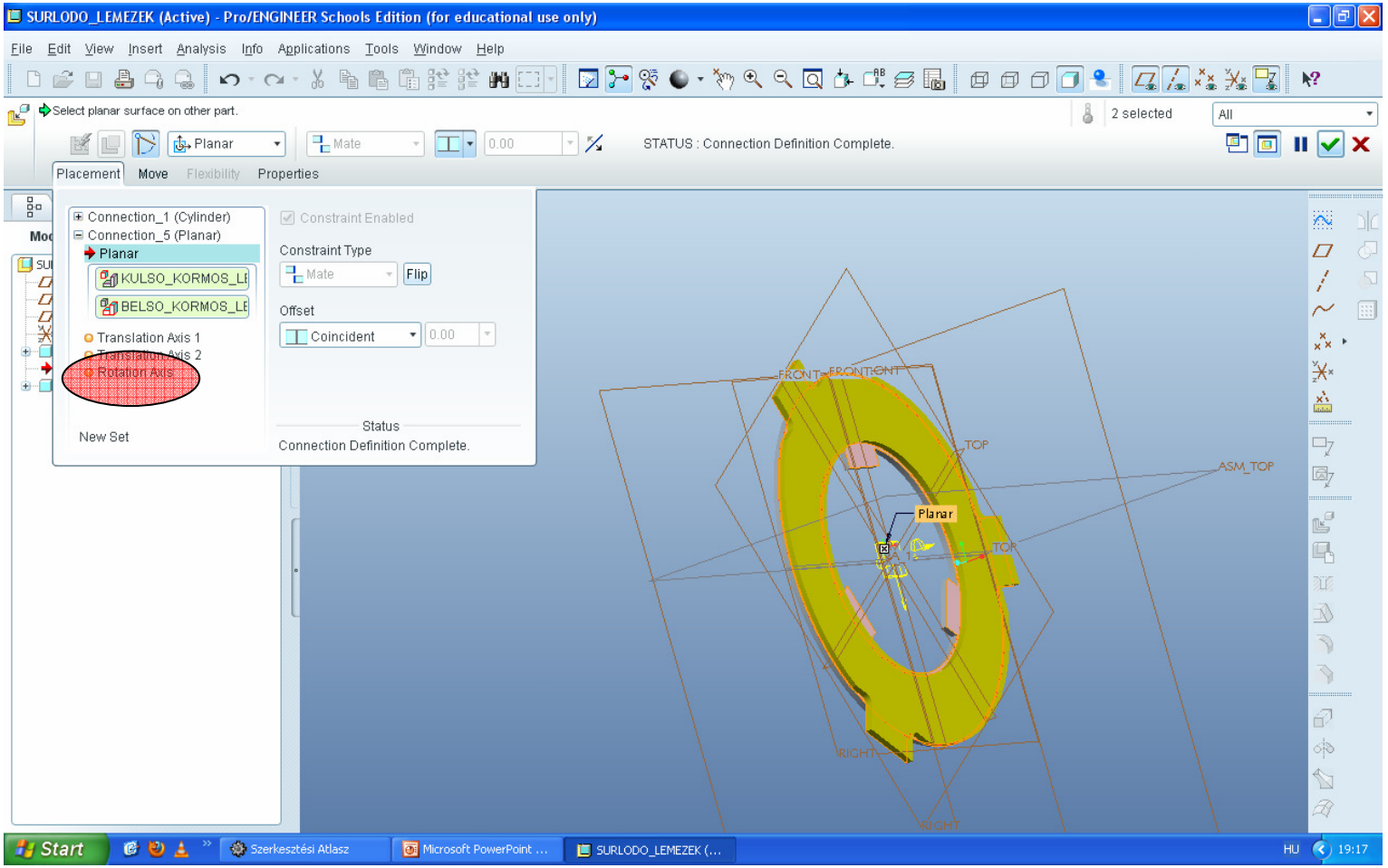
Érintkező oldalakat jelölje ki



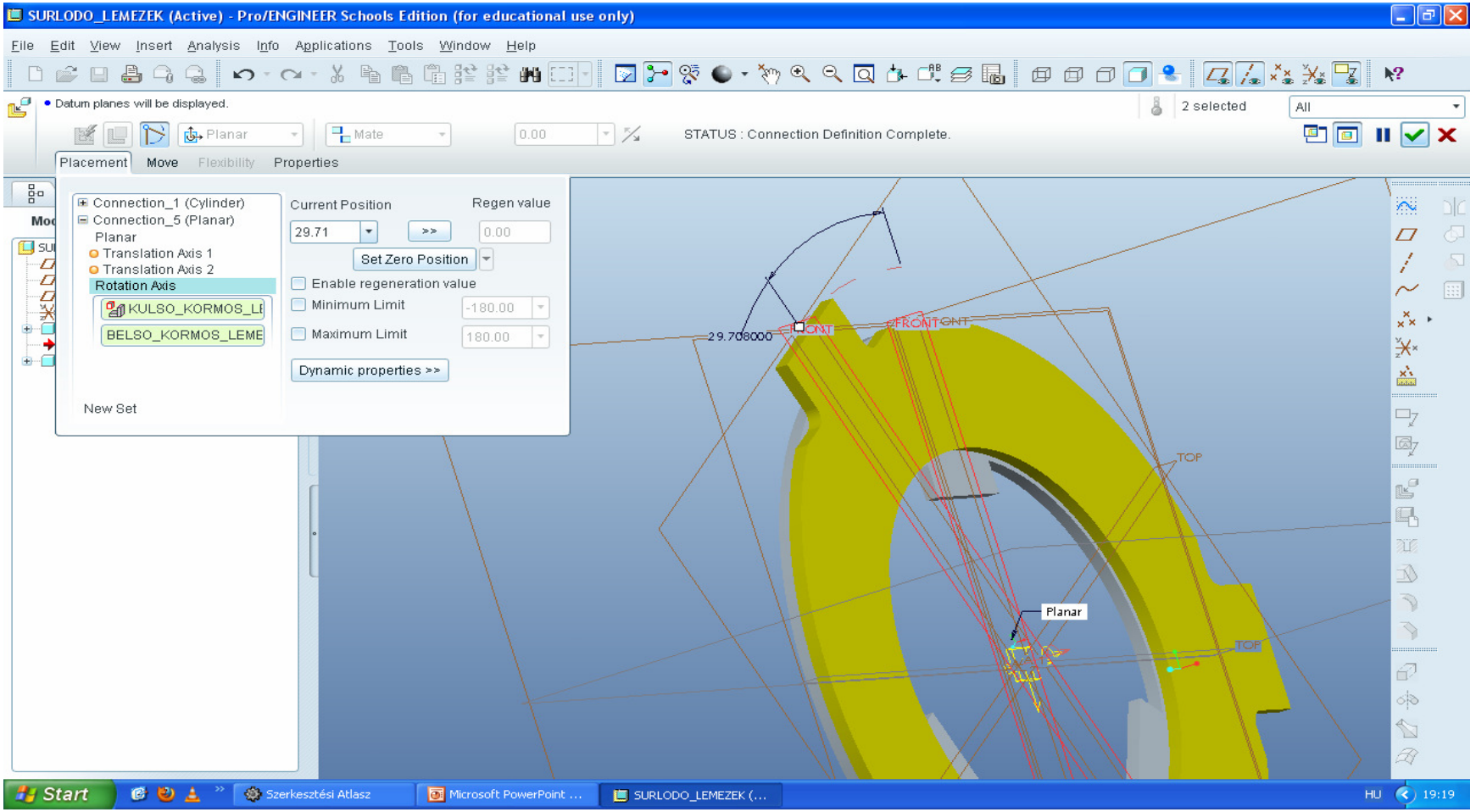
Ctrl+alt+BEgér+egérmozg csak forgatja

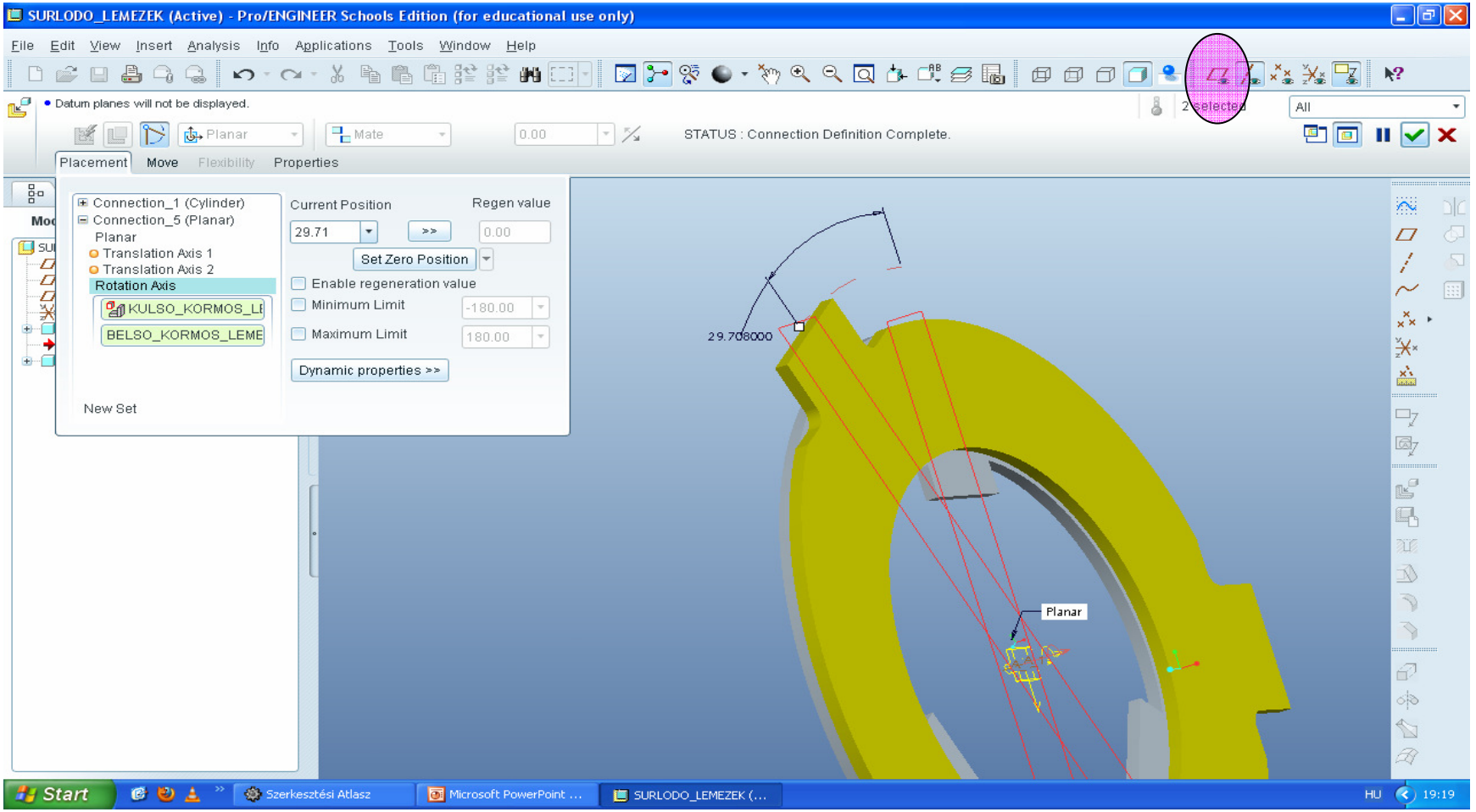


Rotation axis, katt

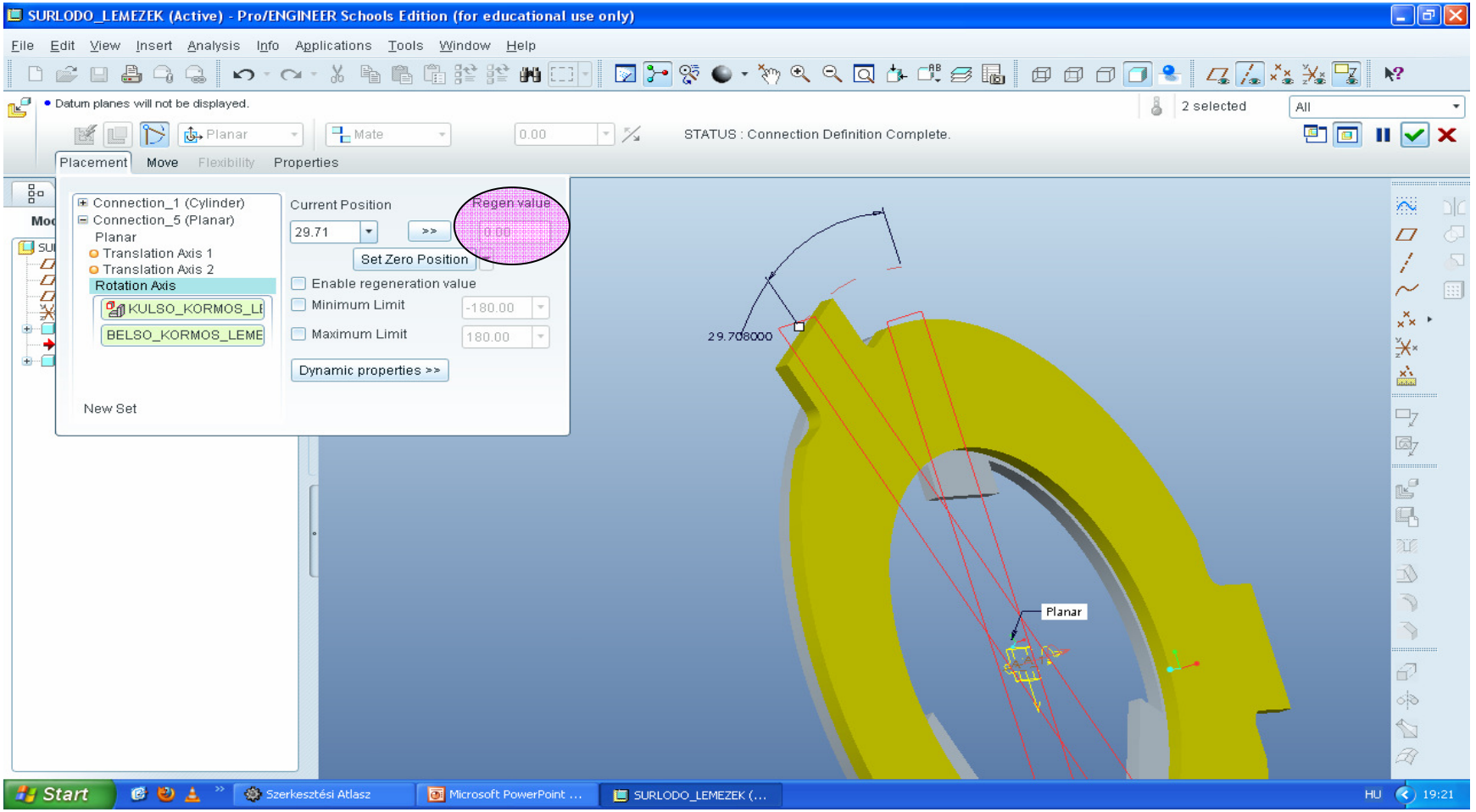


Front→Front síkok

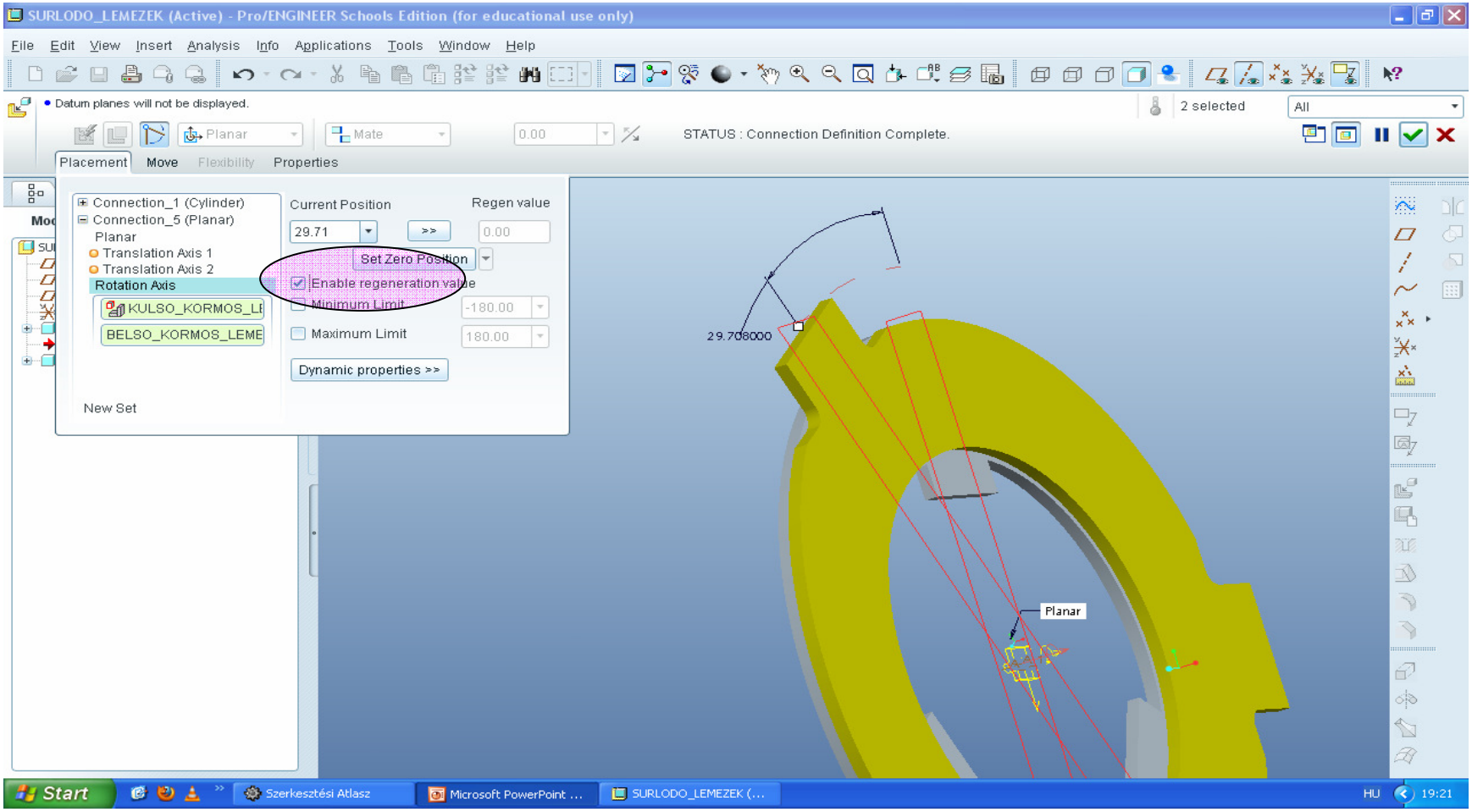



SURLODO_LEMEZEK (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Datum planes will not be displayed.
Planar
Mate
0.00
STATUS : Connection Definition Complete.
2 selected
All
Placement Move Flexibility Properties
Connection_1 (Cylinder)
Connection_5 (Planar)
Planar
Translation Axis 1
Translation Axis 2
Rotation Axis
KULSO_KORMOS_LE
BELSO_KORMOS_LEME
New Set
Current Position
29.71
>>
Regen value
0.00
Set Zero Position
Enable regeneration value
Minimum Limit
-180.00
Maximum Limit
180.00
Dynamic properties >>
29.708000
Planar
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
HU
19:19

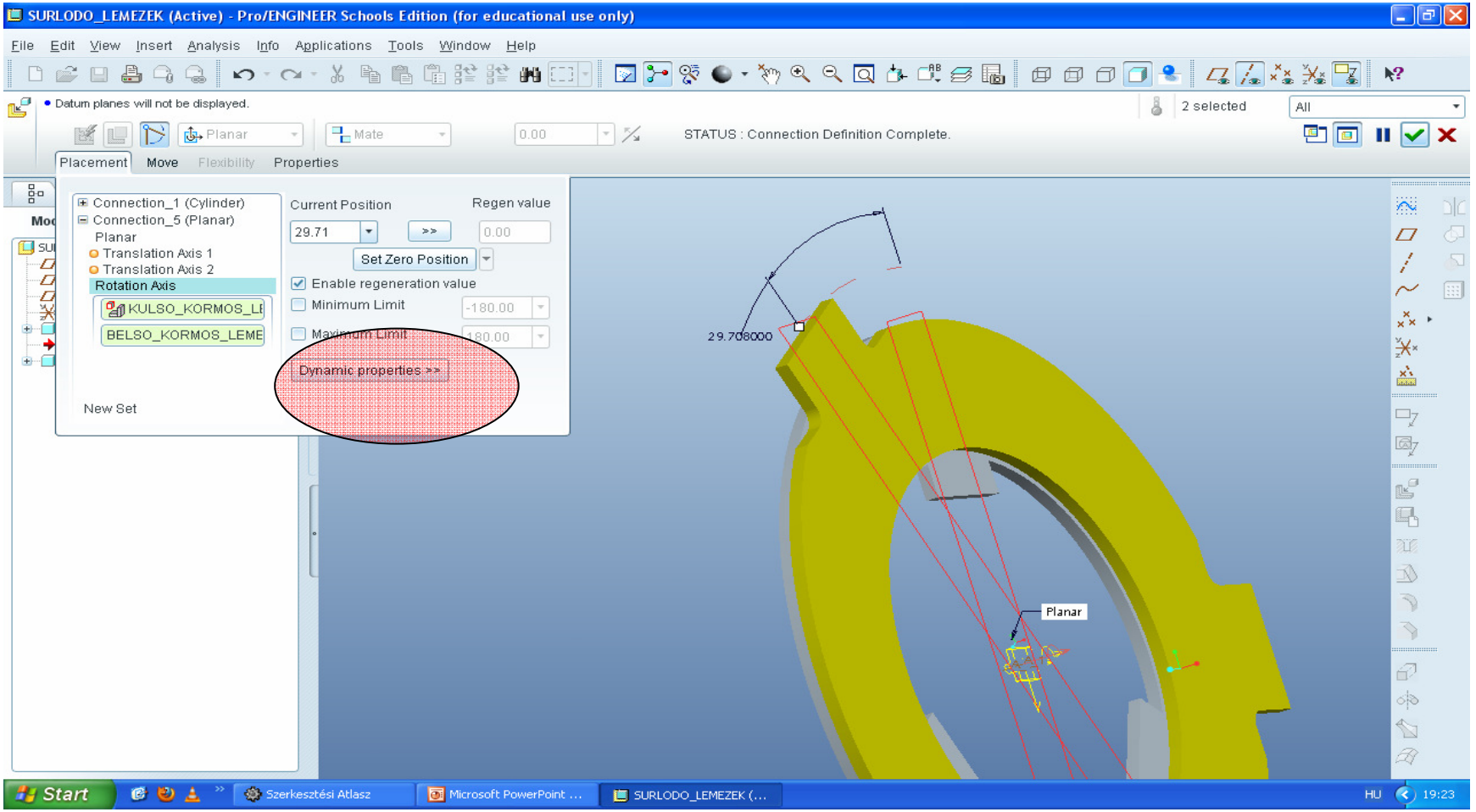
Újragenerálási érték maradjon 0-án (regen value 0.0)



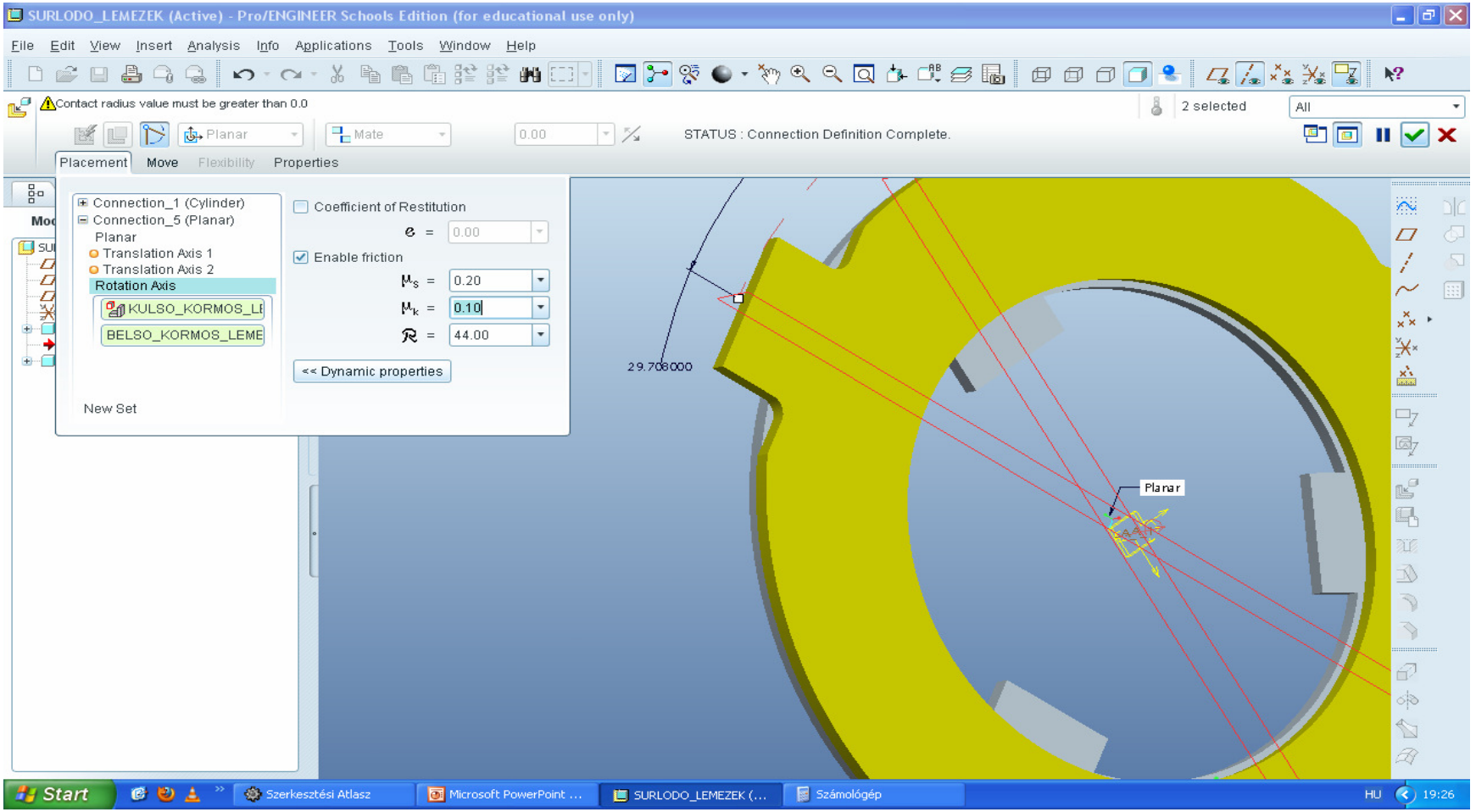
Pipa! Az újragenerálási érték engedélyezéséhez! Enable regen value



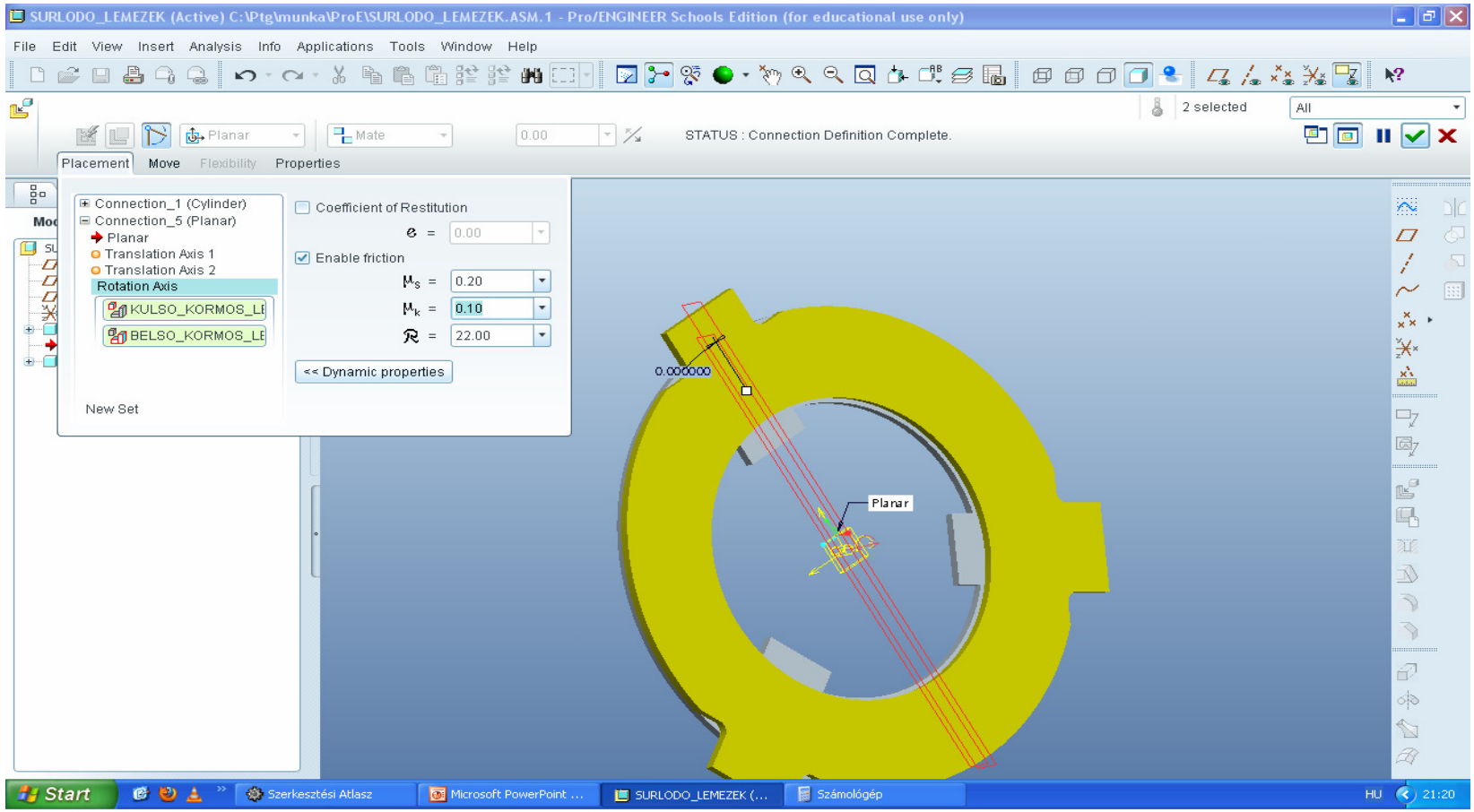
Dinamikus tulajdonságok dynamic properties



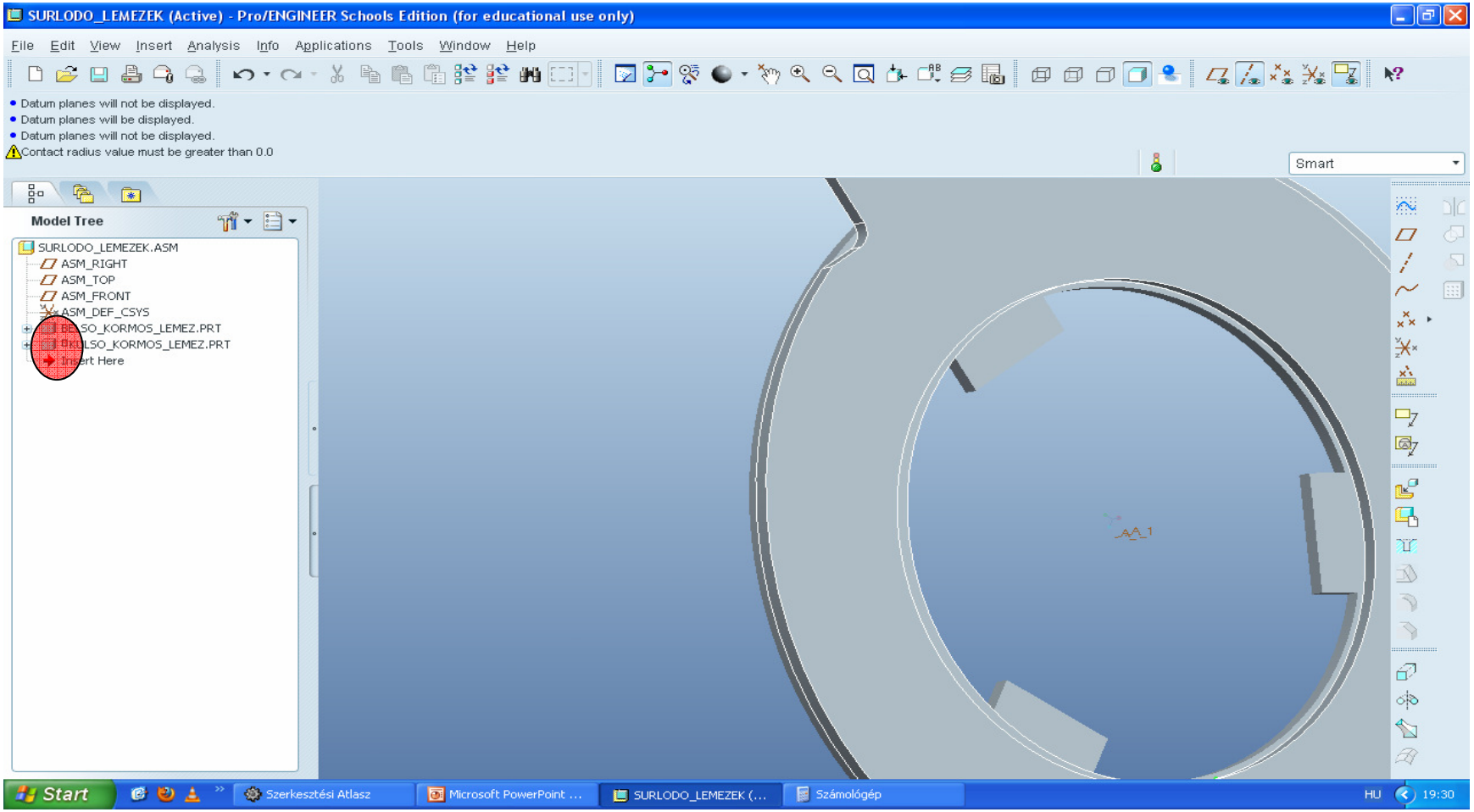
Pipa! Súrlódás engedélyezése, enable friction,



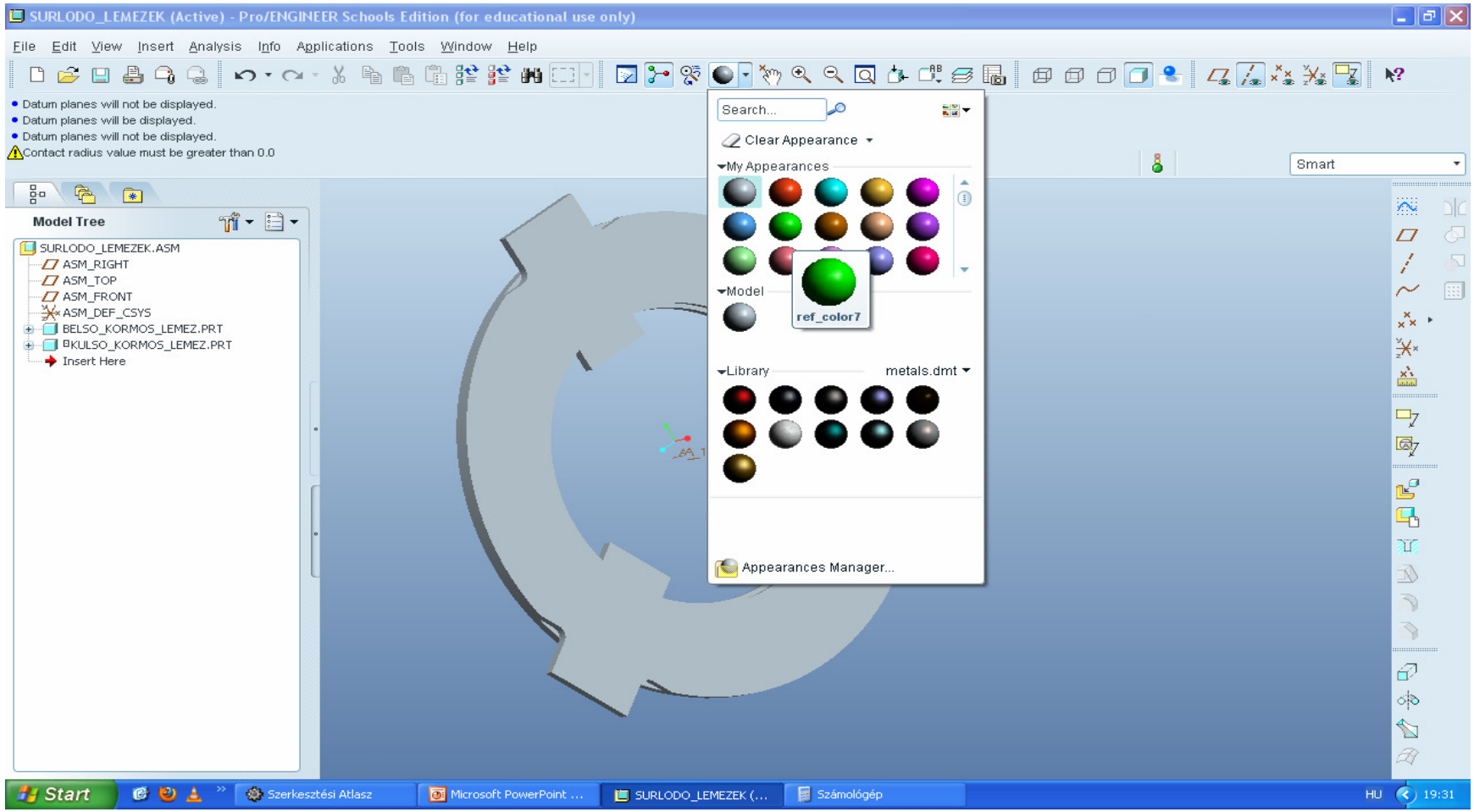
Tapadási súrl tény mus=0.2, csúszási súrl tény muk=0.1 az elvi súrlódó felület közepes sugara- R~(34+54)/4=22 [mm]



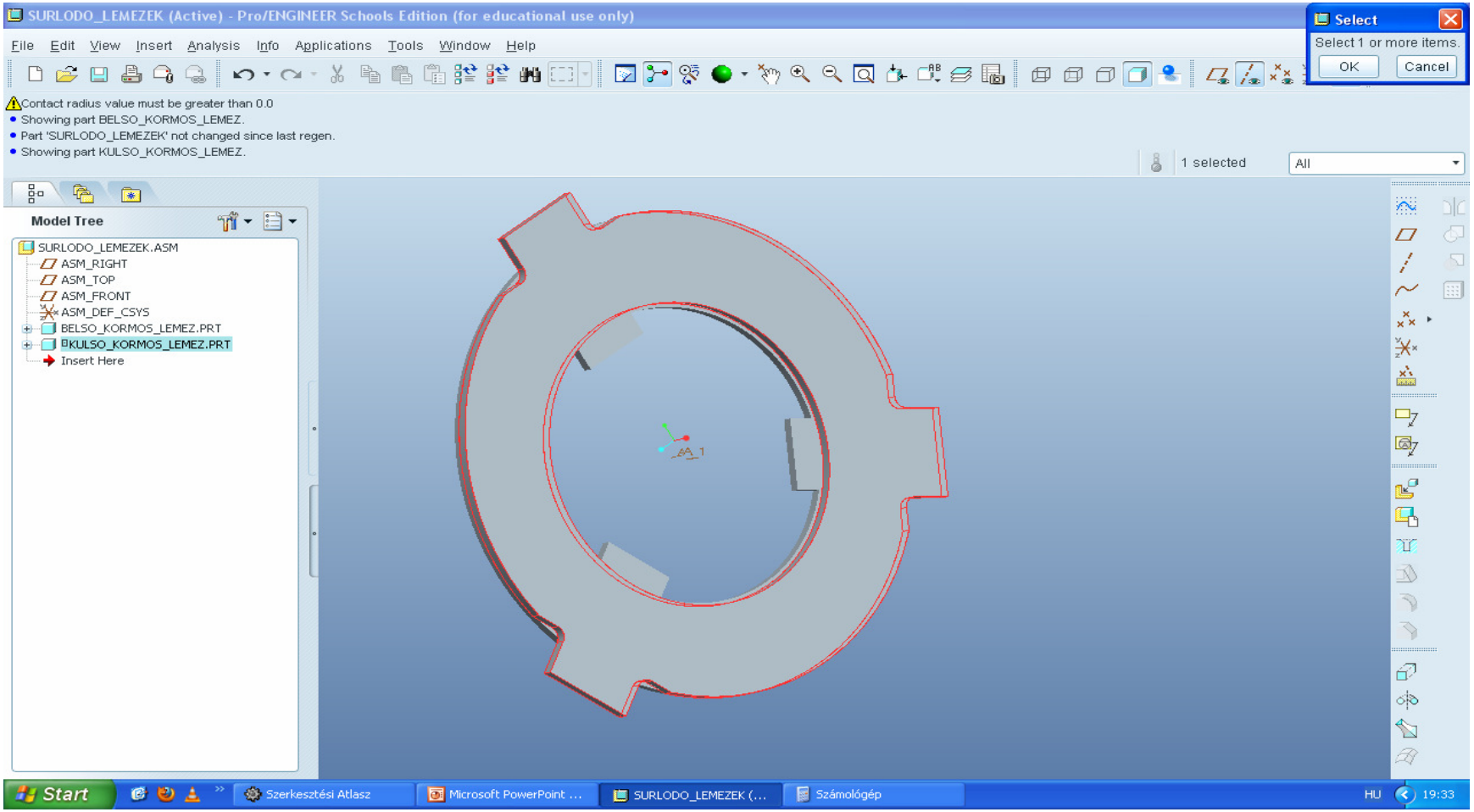
A mechanizmus kényszert a modellfa pontozott négyzettel jelzi



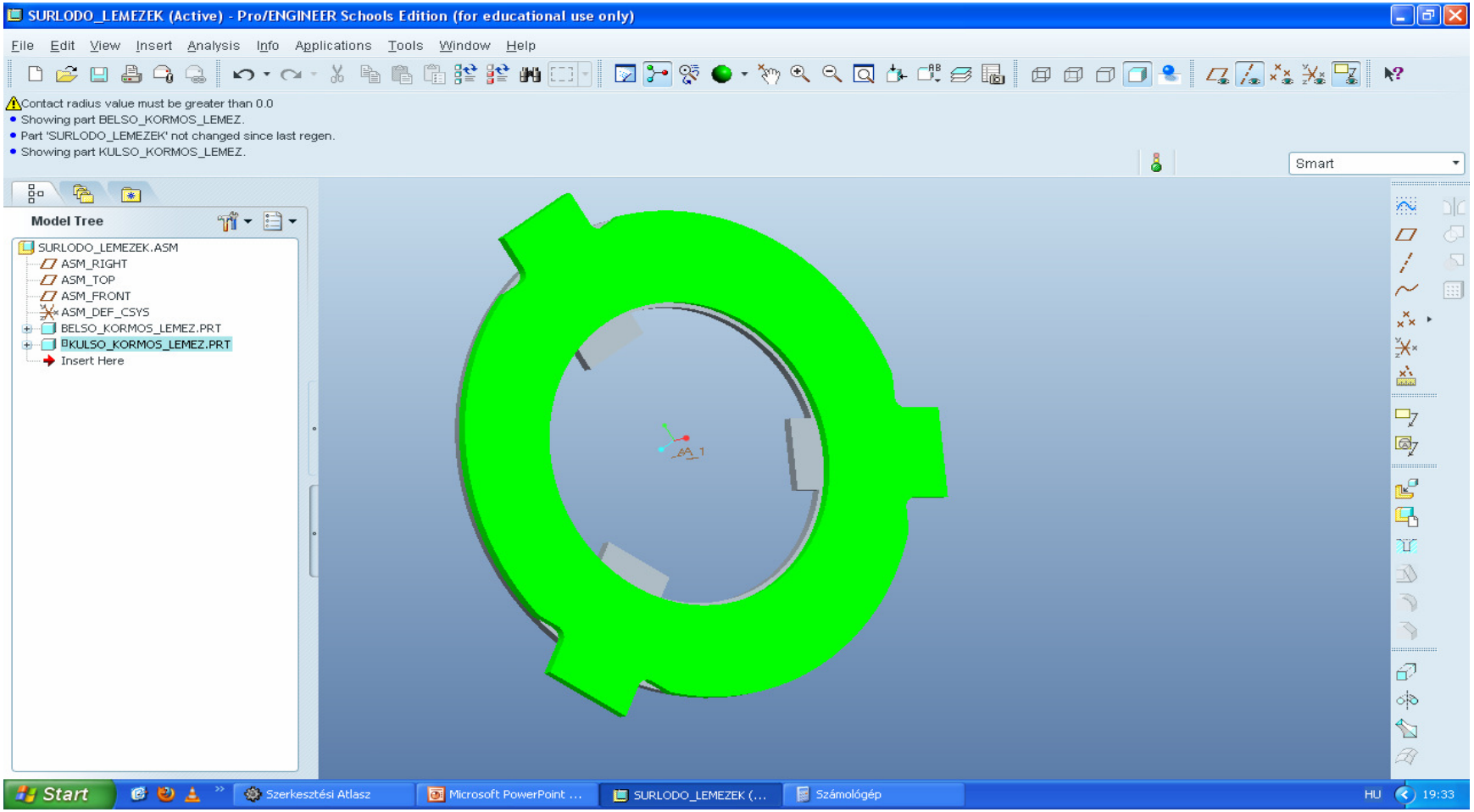
Színezés: első a szín kiválasztás, a második a modellfában az alkatrészé



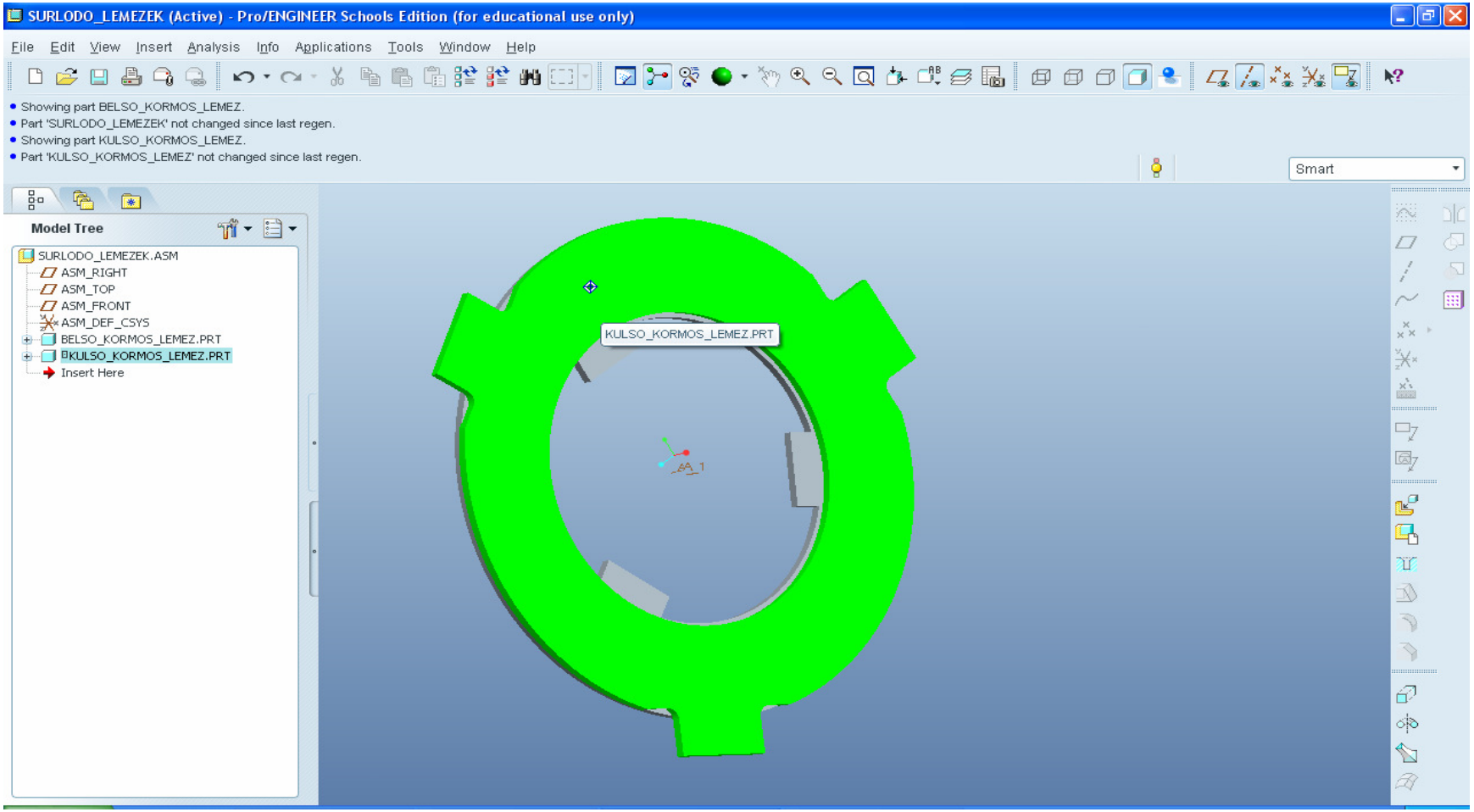
Azután OK


SURLODO_LEMEZEK (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select
Select 1 or more items.
OK
Cancel
Contact radius value must be greater than 0.0
Showing part BELSO_KORMOS_LEMEZ.
Part 'SURLODO_LEMEZEK' not changed since last regen.
Showing part KULSO_KORMOS_LEMEZ.
1 selected
All
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Számológép
HU
19:33

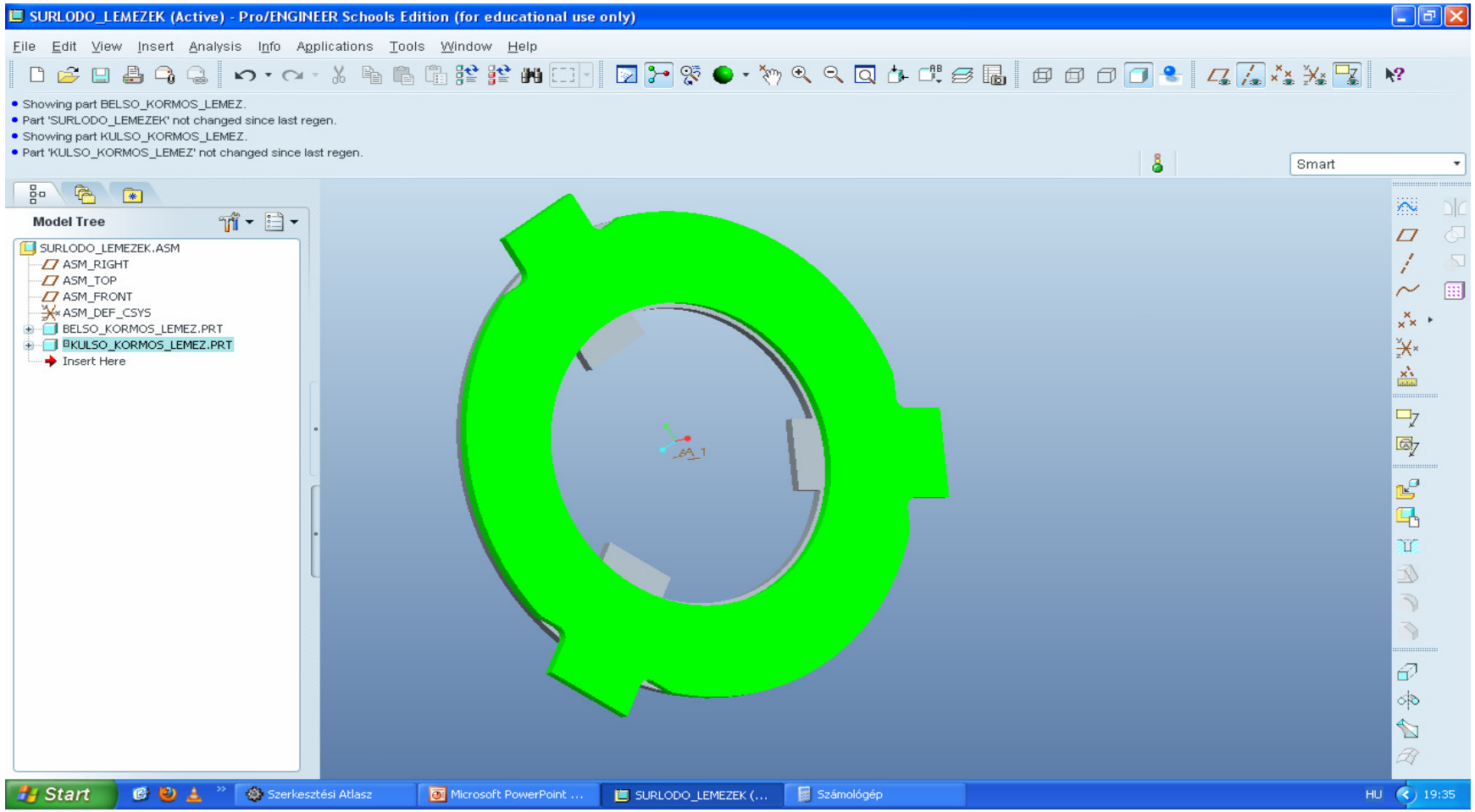
kész


SURLODO_LEMEZEK (Active) - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Contact radius value must be greater than 0.0
Showing part BELSO_KORMOS_LEMEZ.
Part 'SURLODO_LEMEZEK' not changed since last regen.
Showing part KULSO_KORMOS_LEMEZ.
Smart
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Számológép
HU
19:33

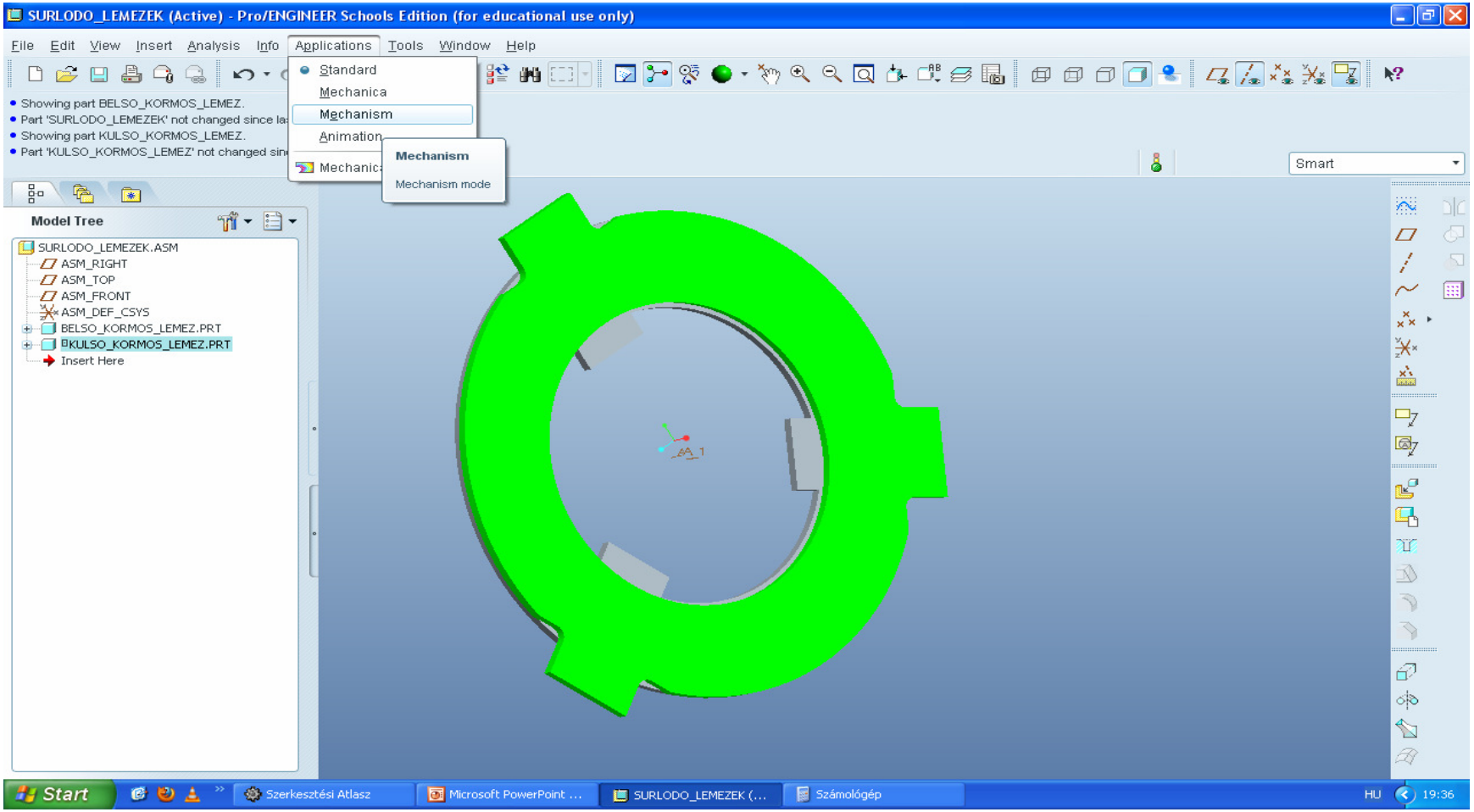
Ctrl+alt+BEgér+egérmozg elforgat



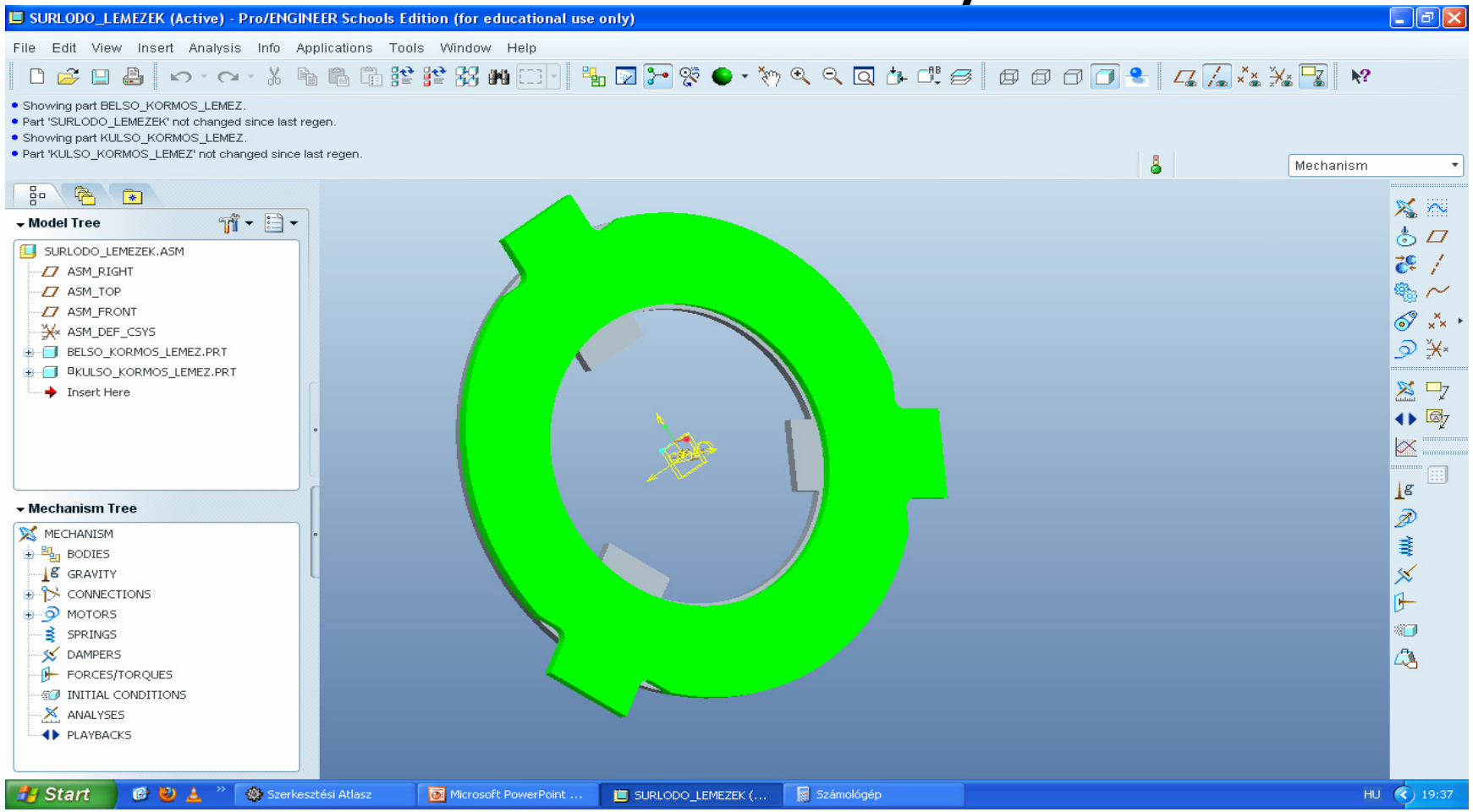
Regenerate (ctrl+g)-vel visszaáll a 0-ba(→működik az enable regen value)



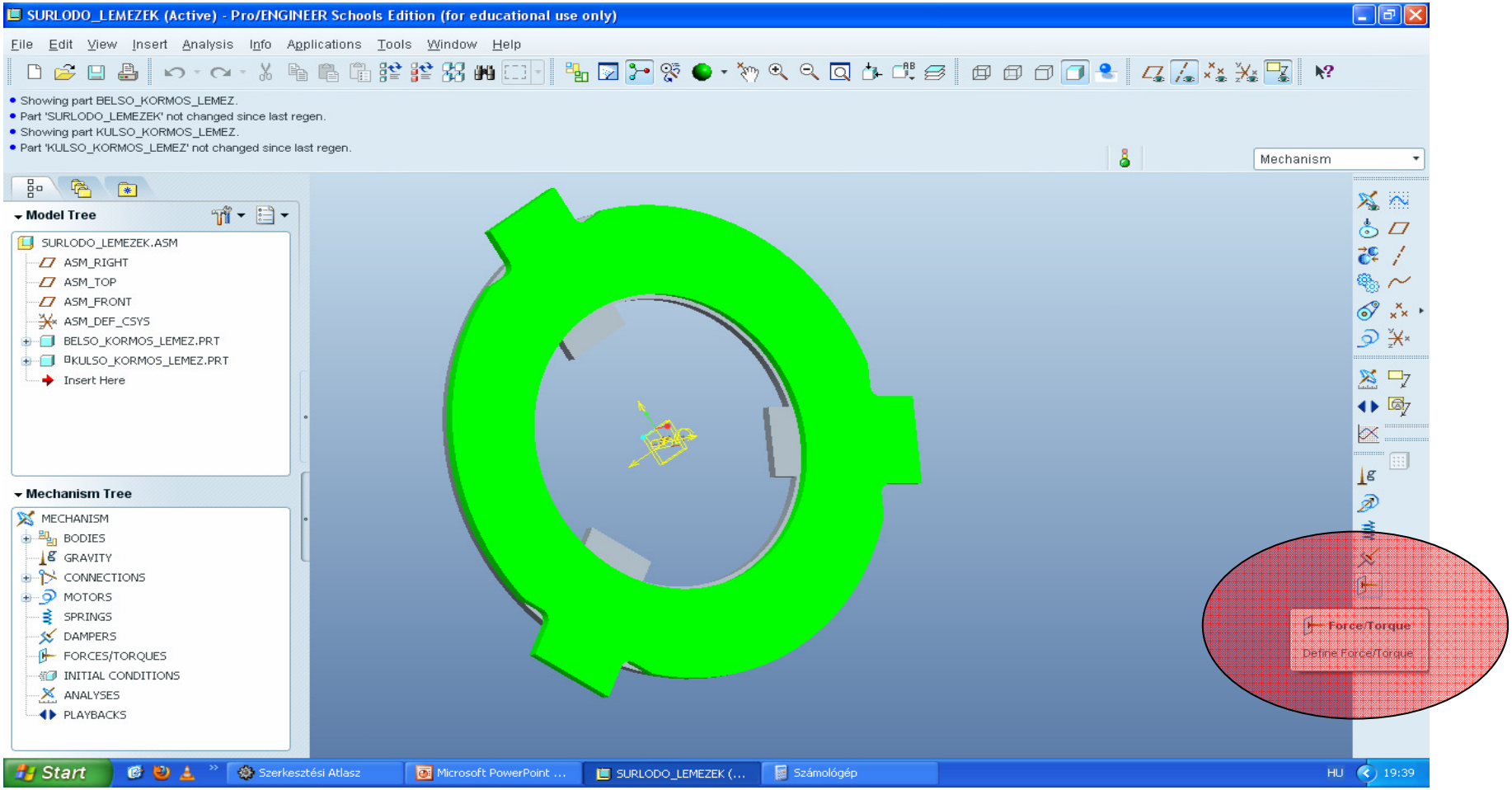
Mechanizmus alkalmazás indítása Applications/Mechanism



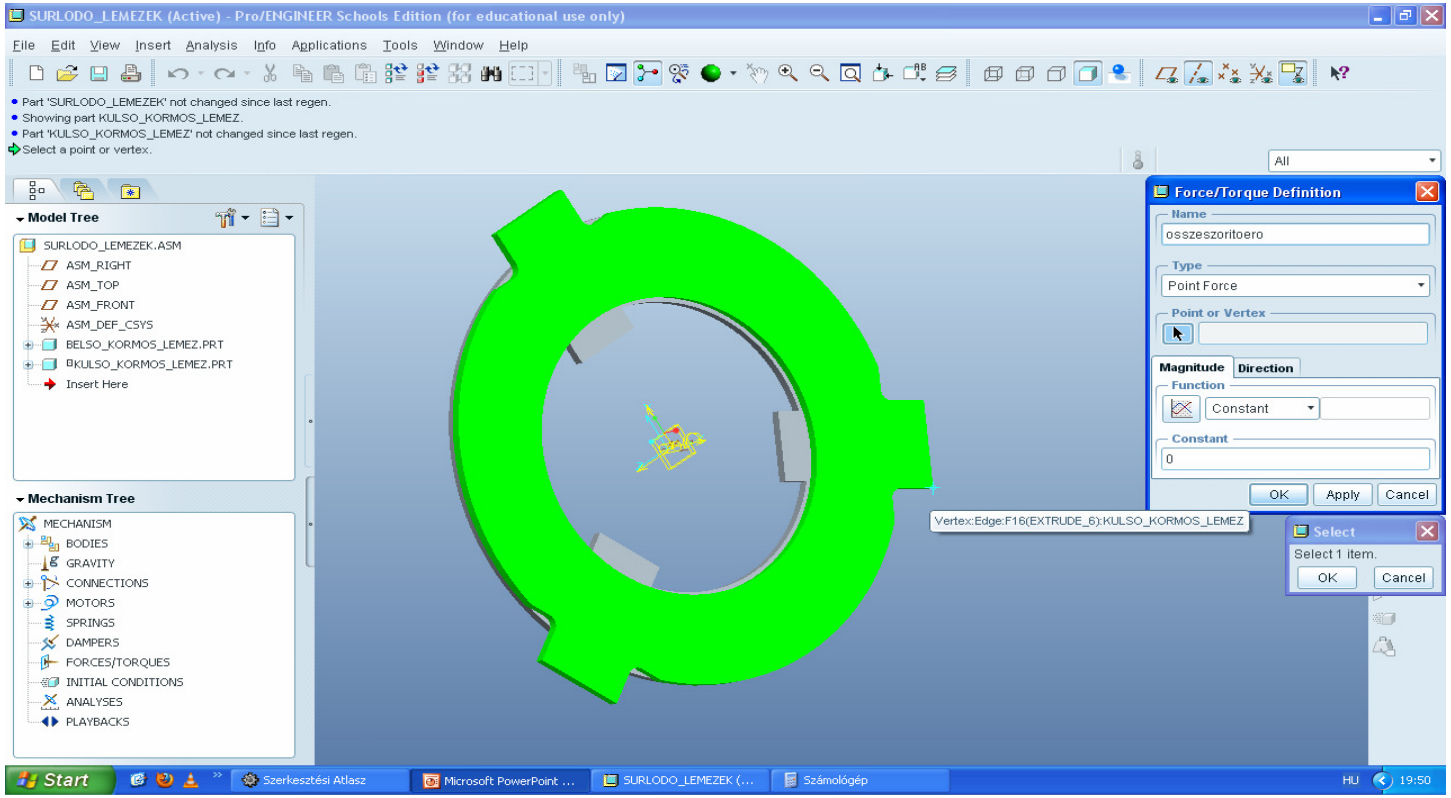
Bal oldalt mechanizmus fa, jobb oldalt mechanizmus eszközök, a modellen látszódnak sárgán a mechanizmus kényszerek



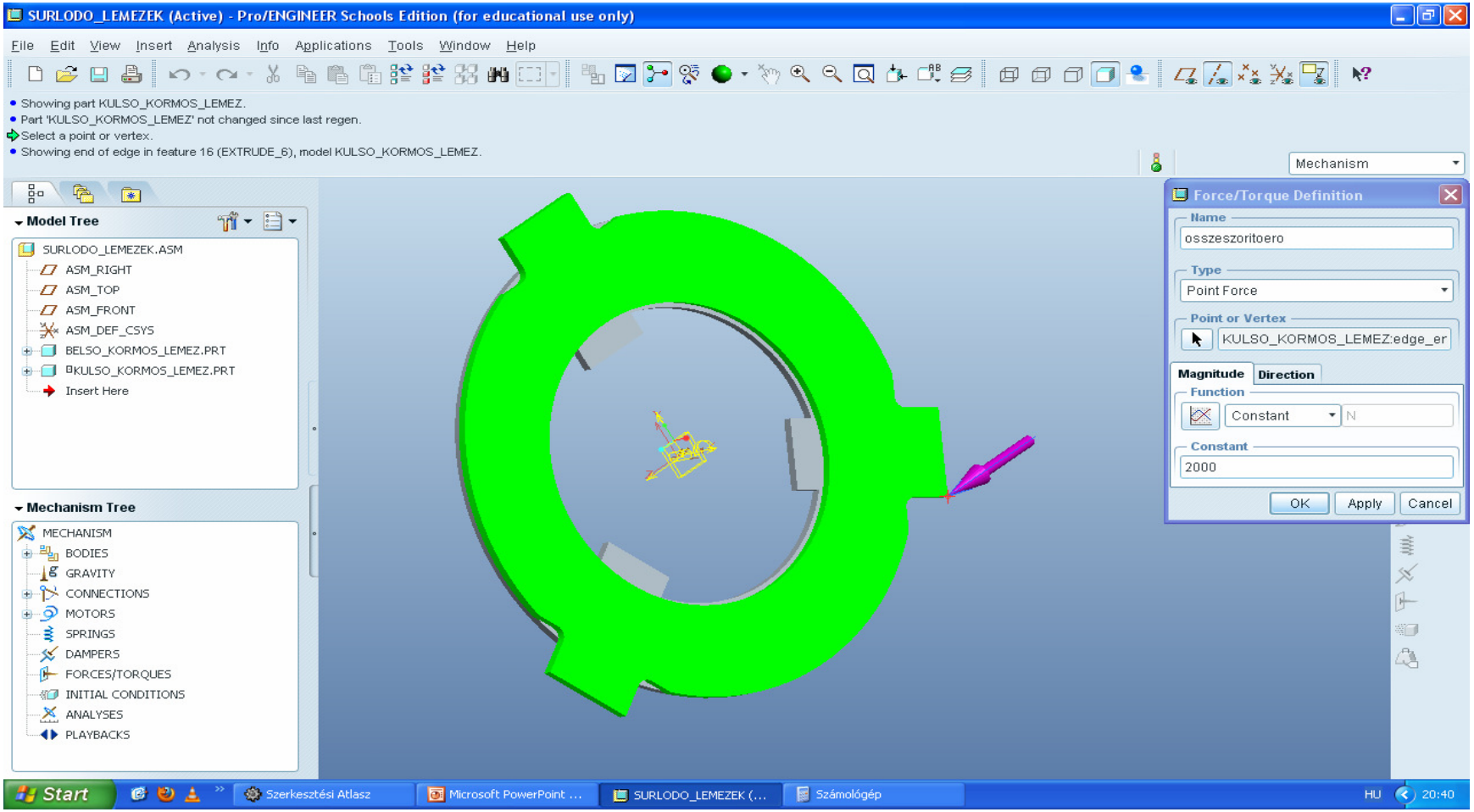
Összeszorító erő definiálása



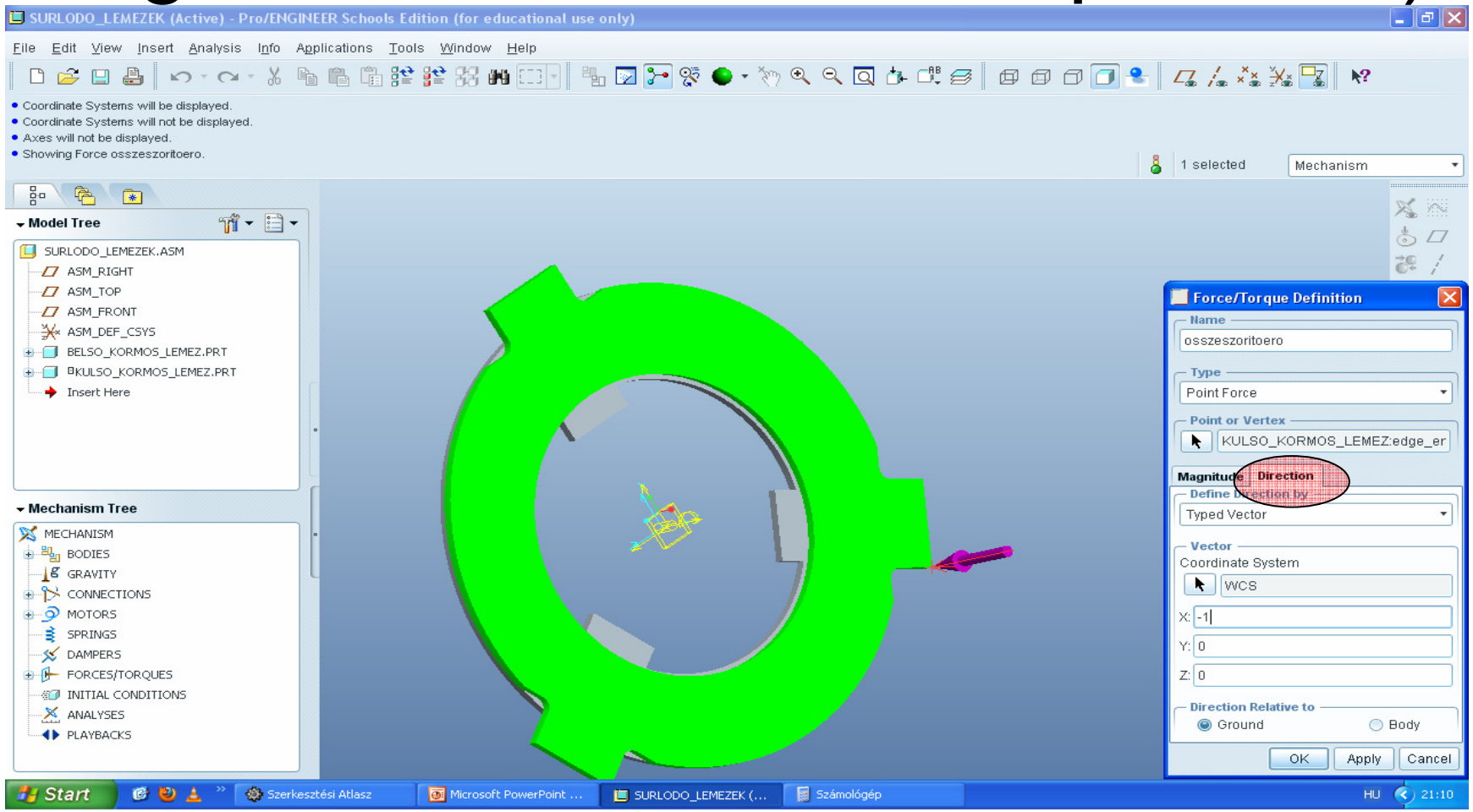
Név+ point force, majd az egyik csúcsát jelölni. Merev testként kezeli az alkatrészeket, ill.a kényszerek miatt nem ad nyomatékot bárhova definiáljuk



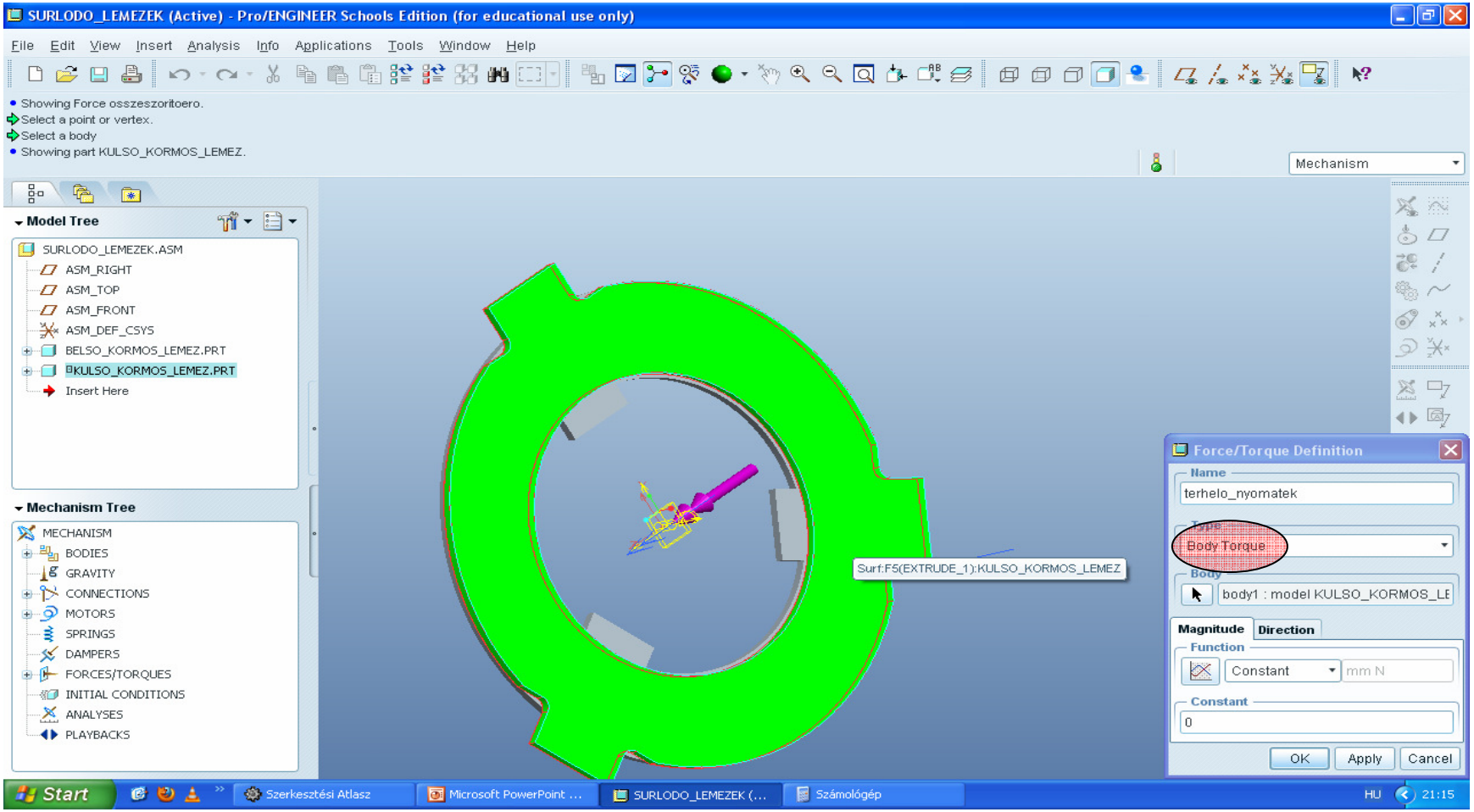
Erő nagysága 2000N , magnitude fül constant 2000 (jobbra feljebb N)



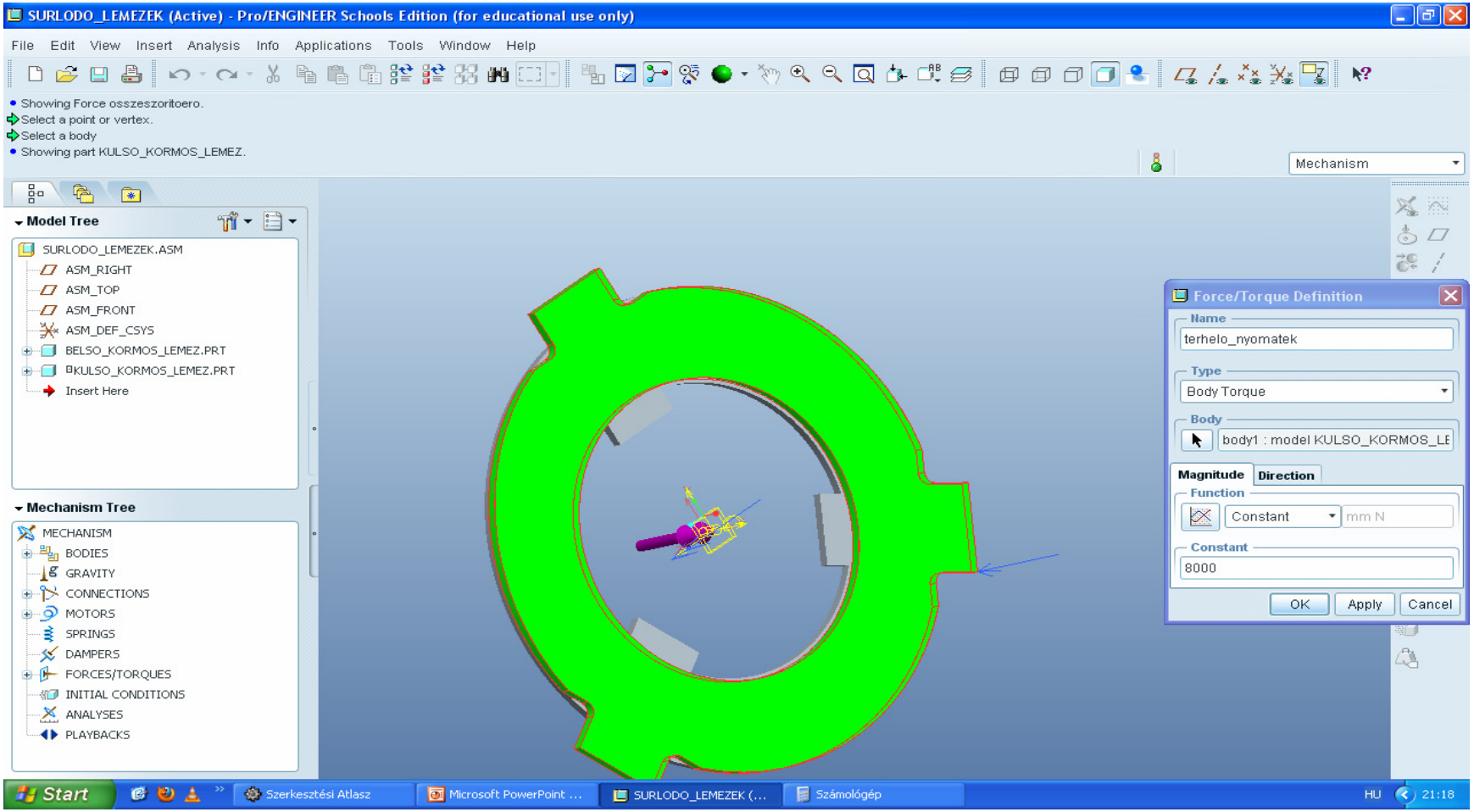
Iránya x=-1+enter, y=z=0, viszonyítás az alap koordr.-hez (wcs, ami középen látszik, ha a segéd koordr. ki is van kapcsolva!)



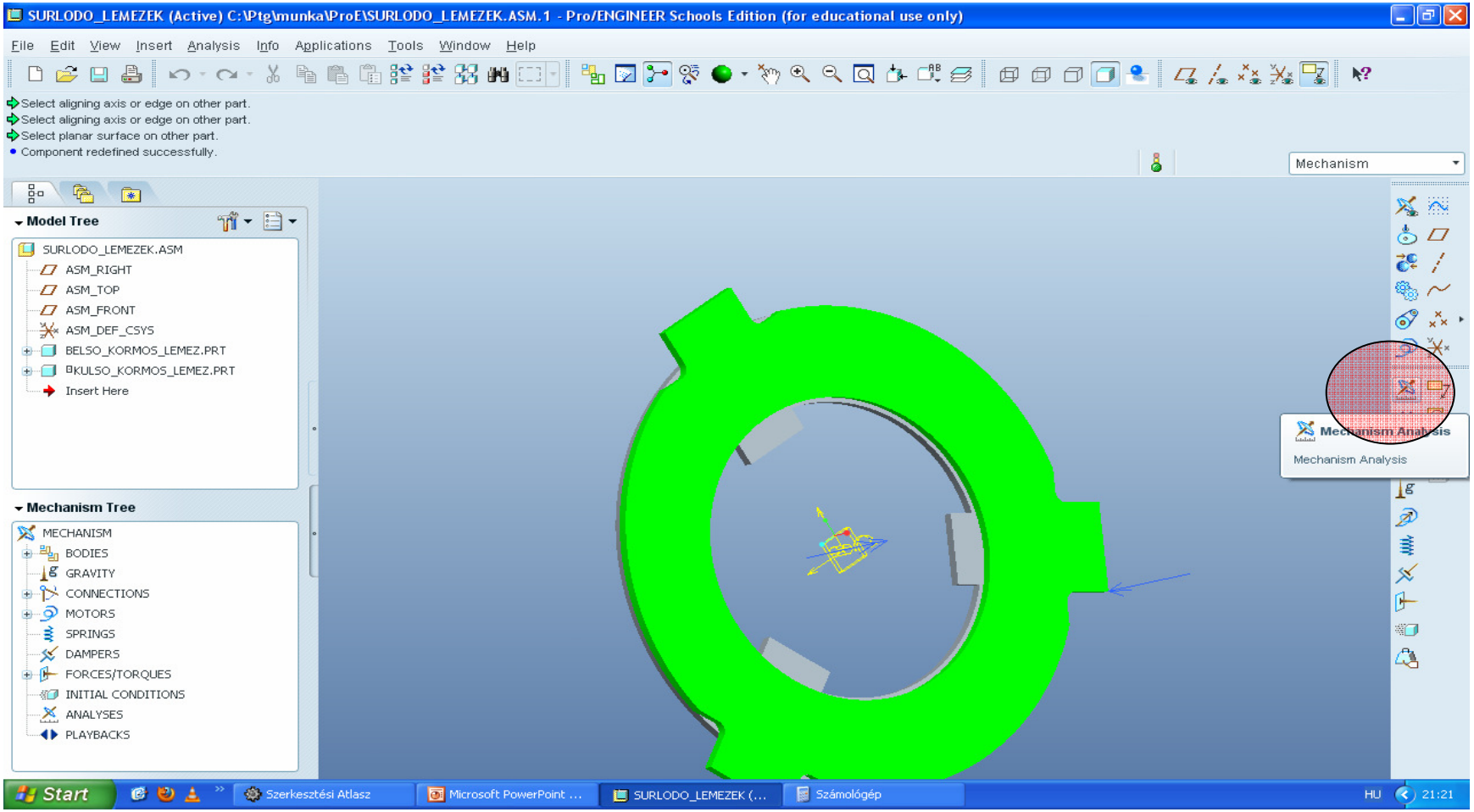
Terhelő nyomaték, test nyomaték: type: body torque, katt a tárcsára



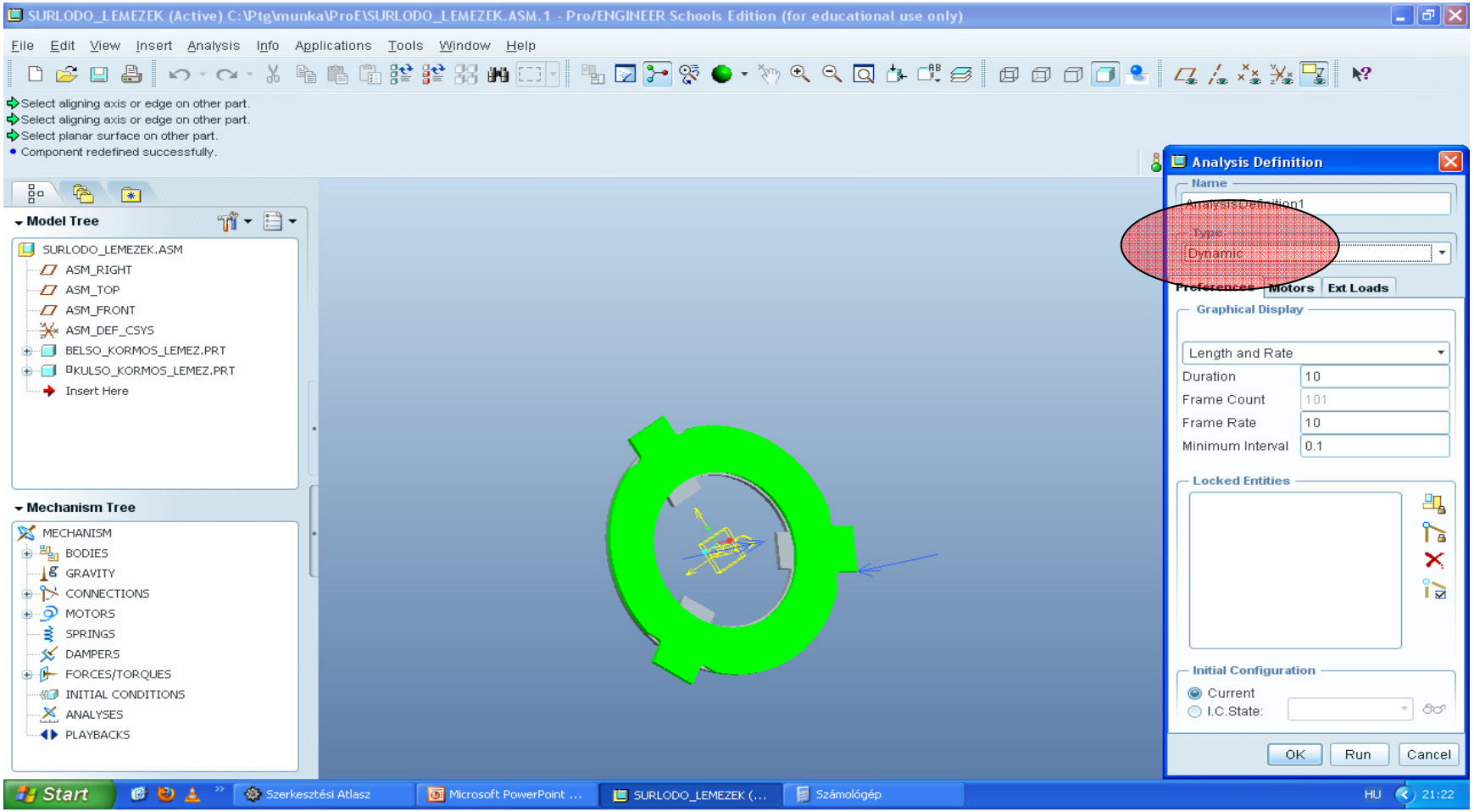
Nagyság 8000 Nmm, irány x=1, y=z=0



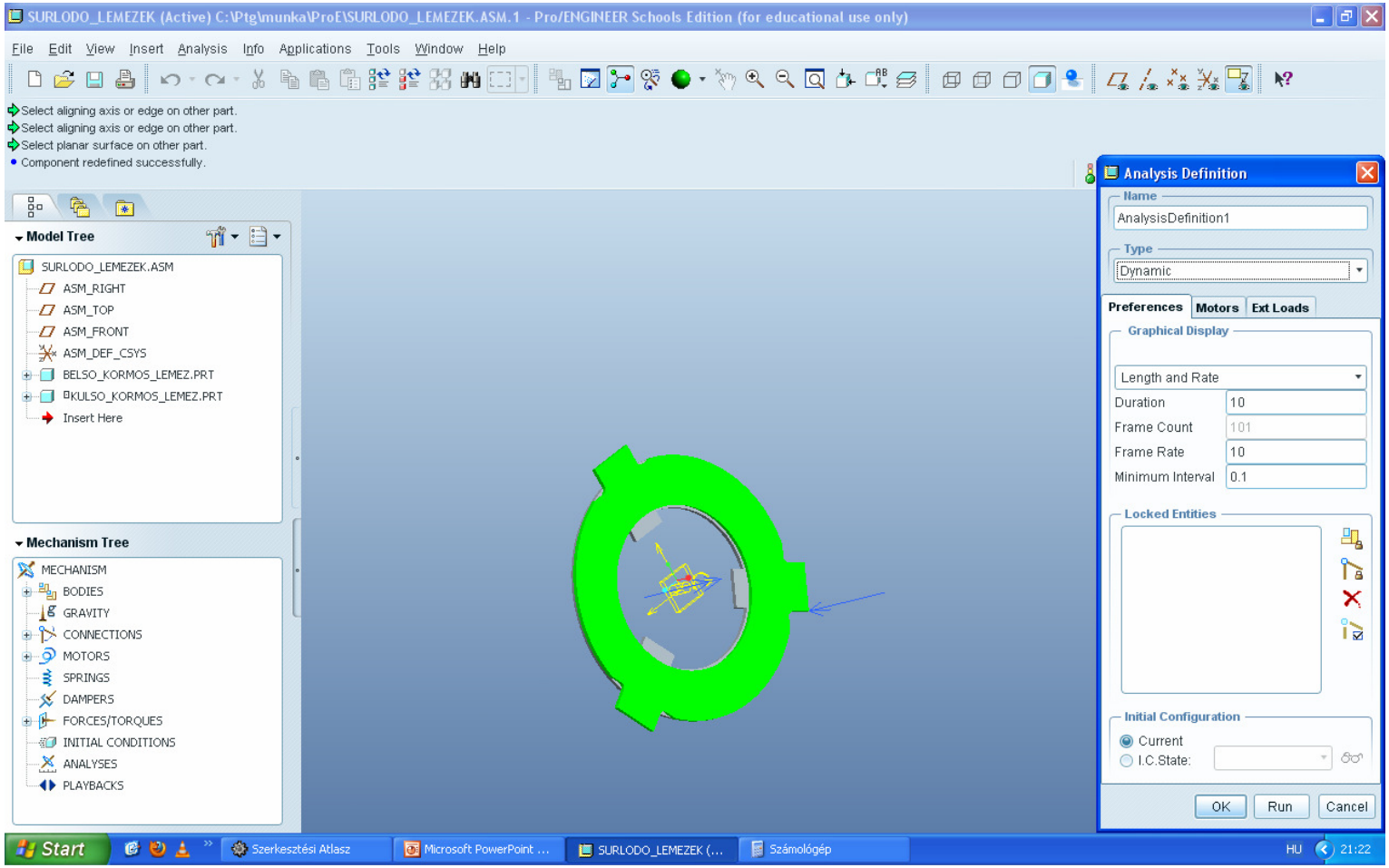
Vizsgálat, anlaysis



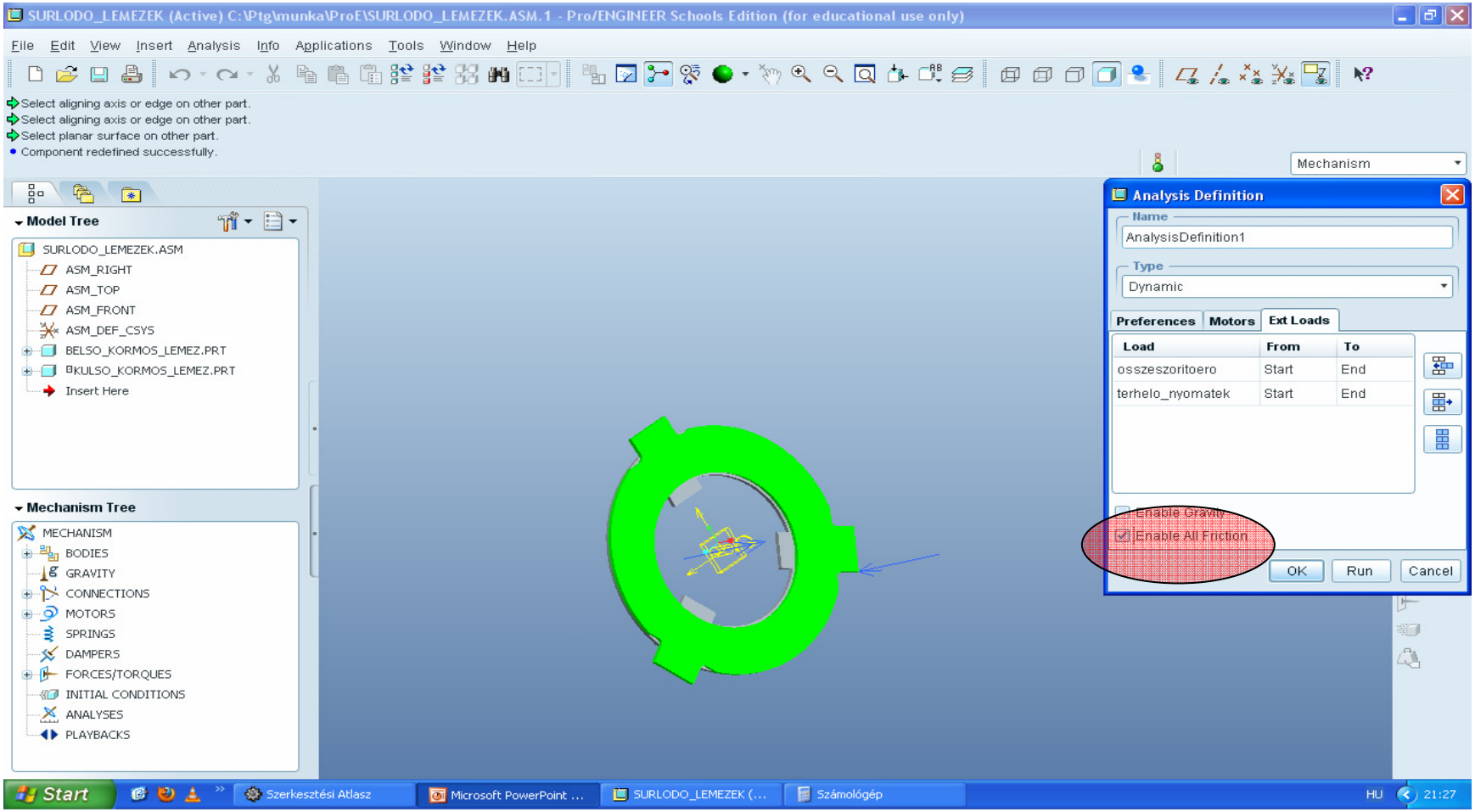
Dinamikus, itt lehet erőkkel, tömegekkel, gyorsulásokat… mérni



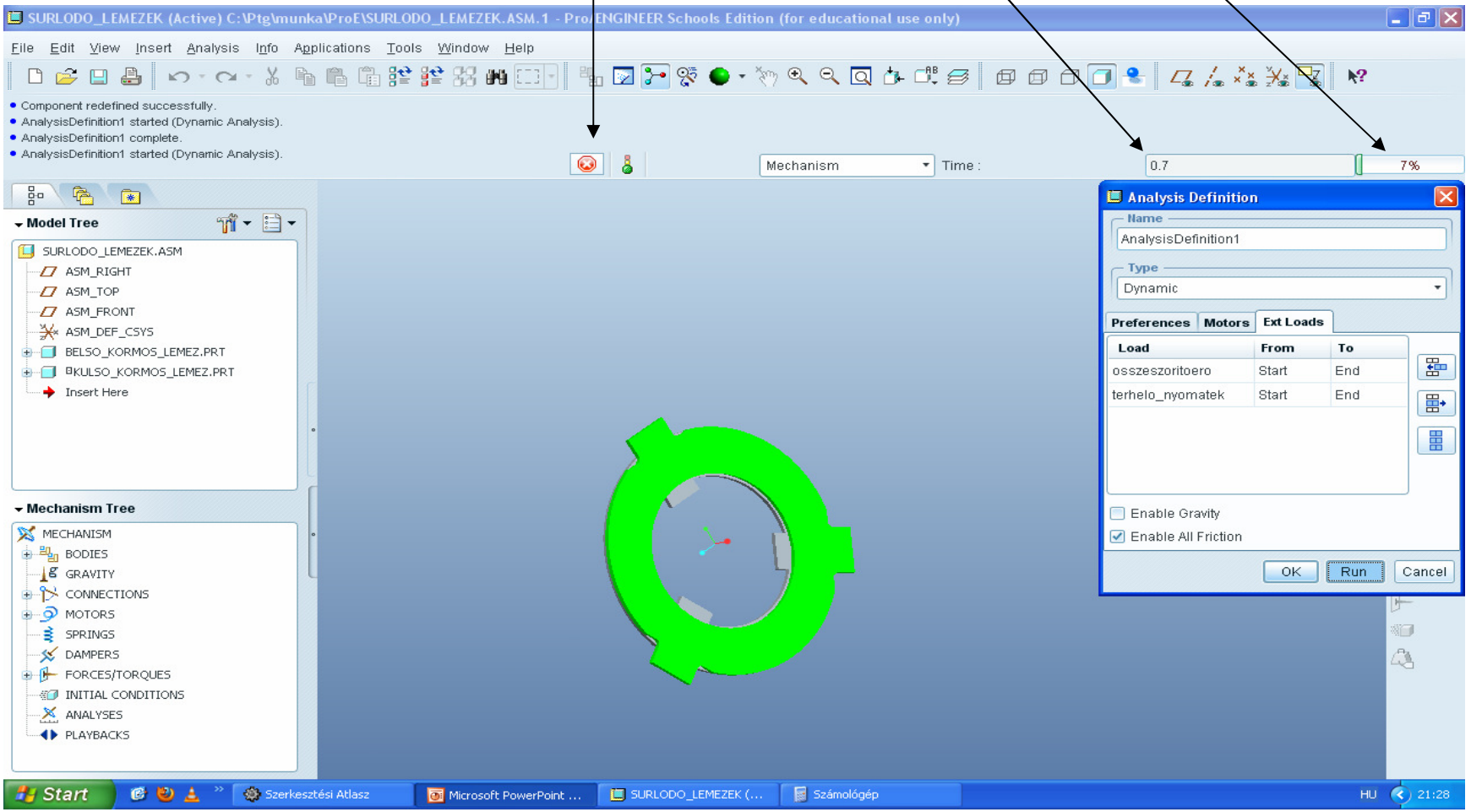
Hossz 10 sec (duration), frame cout képkocka szám, kép arány 10 [db/sec], minimum képkockák közti idő



Motors fül üres, az külső erők ext loads-ban van az erő ill. nyomaték, és pipa, súrlódás engedélyezése, aztán RUN

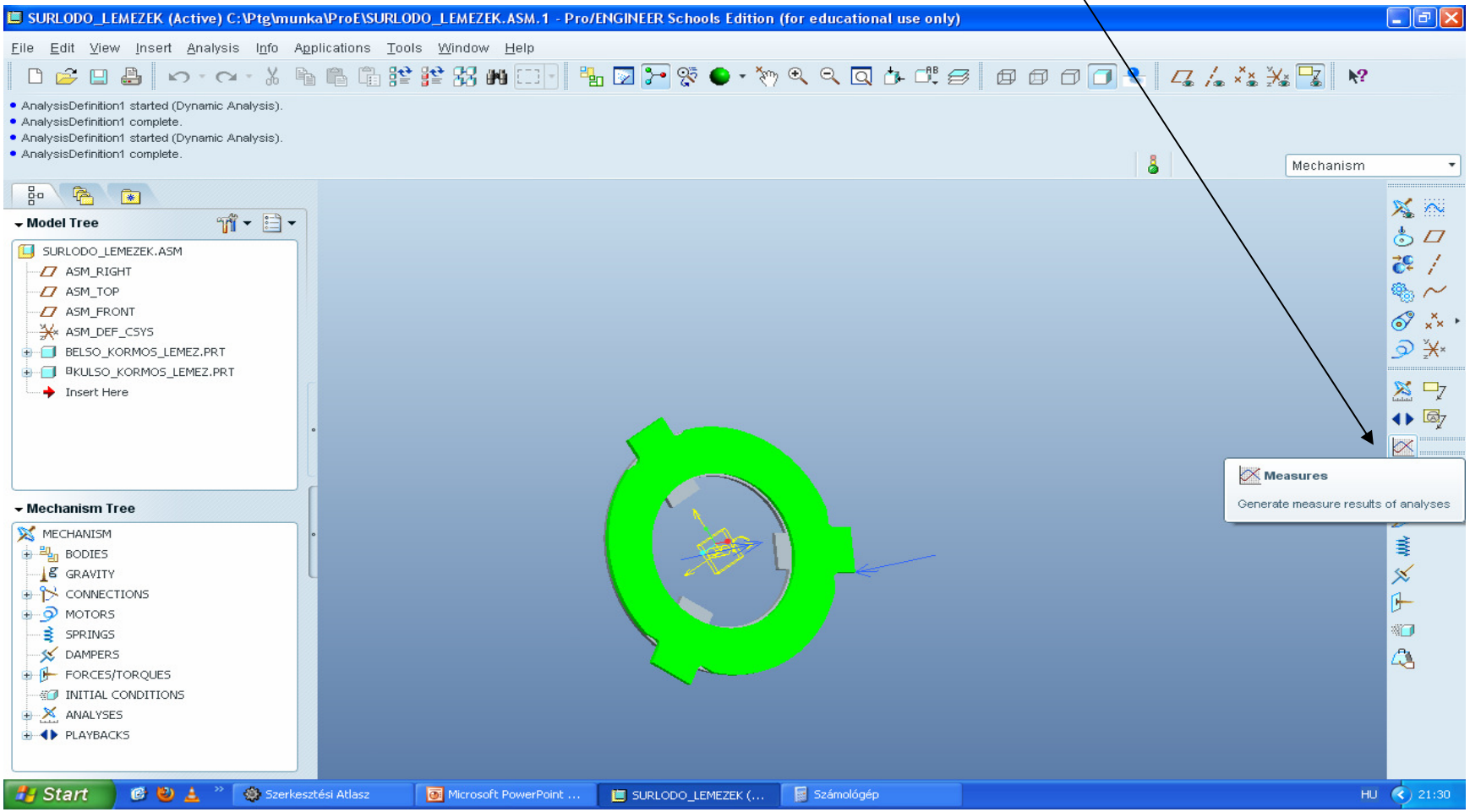


Megszakítás, idő, %

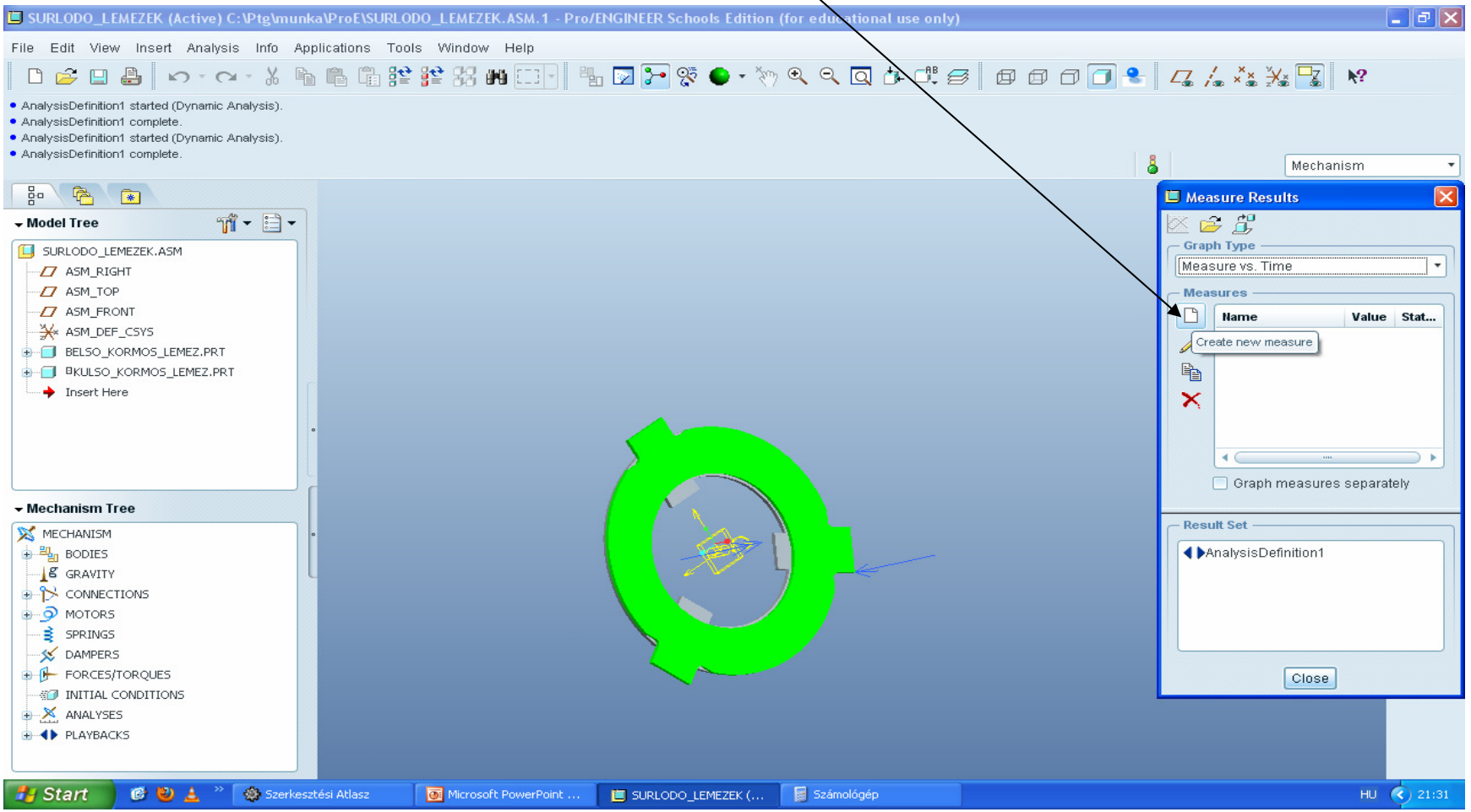


Utána OK

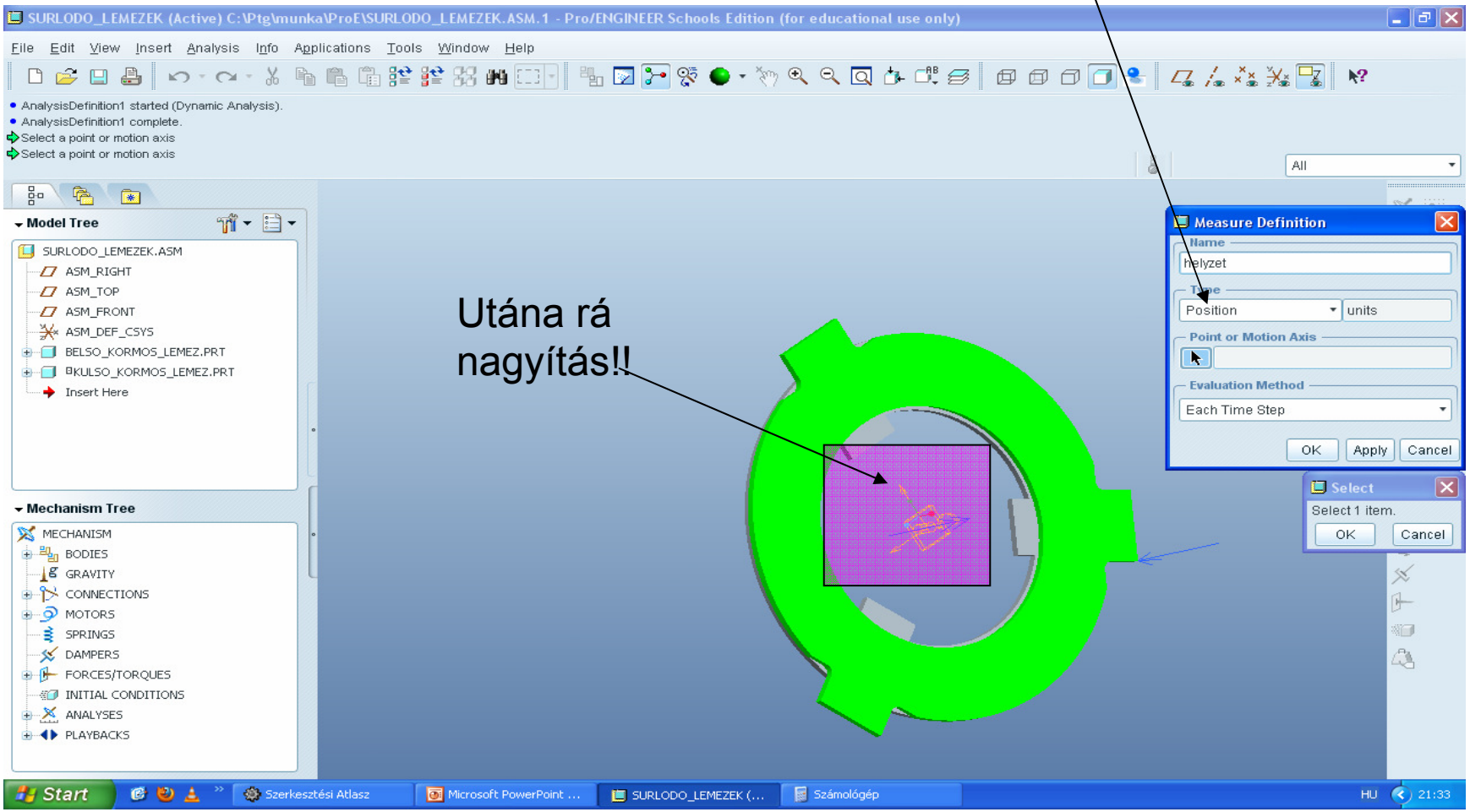
Mérések (measures)



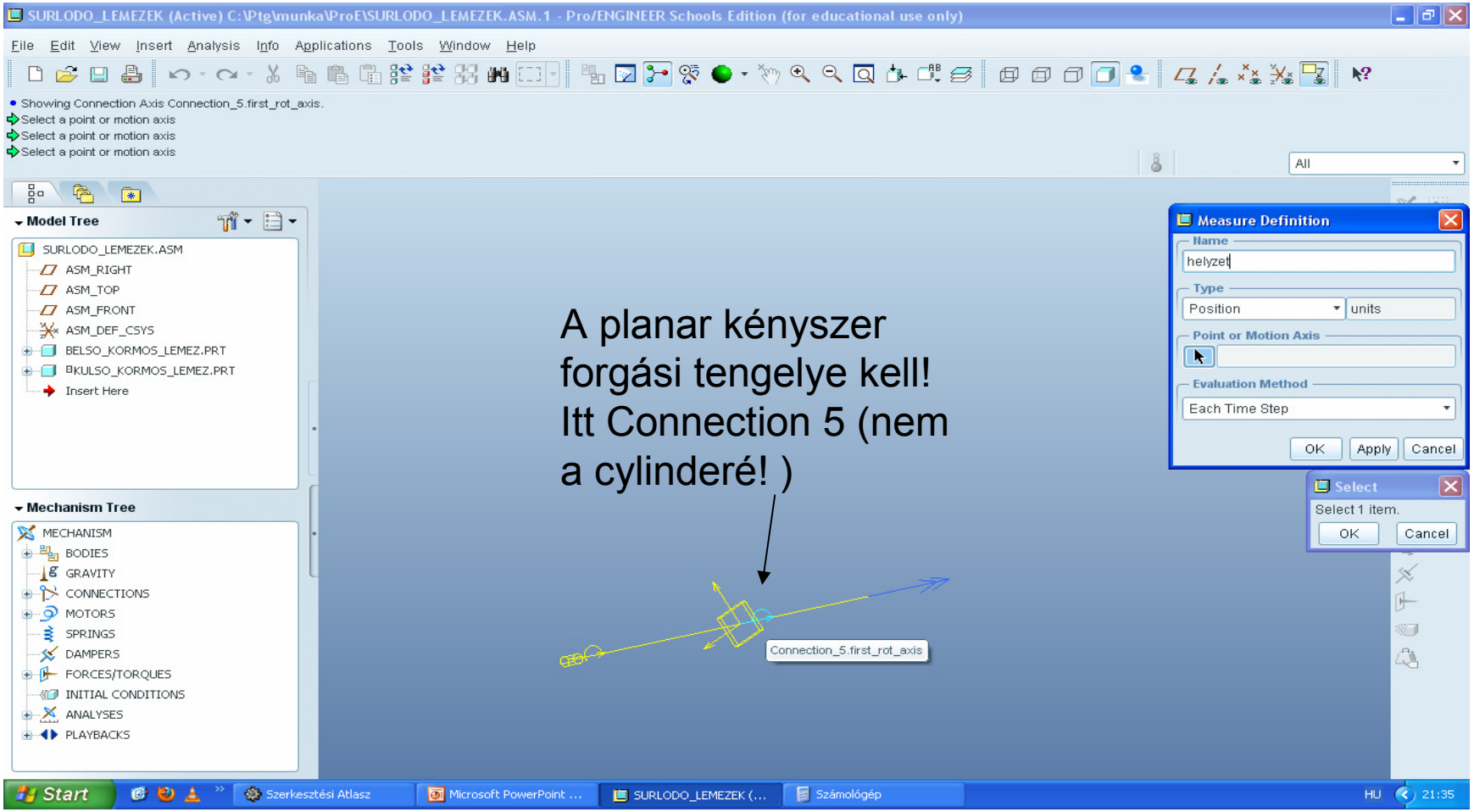
new


SURLODO_LEMEZEK (Active) C:\Ptg\munka\ProE\SURLODO_LEMEZEK.ASM.1 - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
AnalysisDefinition1 started (Dynamic Analysis).
AnalysisDefinition1 complete.
AnalysisDefinition1 started (Dynamic Analysis).
AnalysisDefinition1 complete.
Mechanism
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Mechanism Tree
MECHANISM
BODIES
GRAVITY
CONNECTIONS
MOTORS
SPRINGS
DAMPERS
FORCES/TORQUES
INITIAL CONDITIONS
ANALYSES
PLAYBACKS
Measure Results
Graph Type
Measure vs. Time
Measures
Name
Value
Stat...
Create new measure
Graph measures separately
Result Set
AnalysisDefinition1
Close
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Számológép
HU
21:31

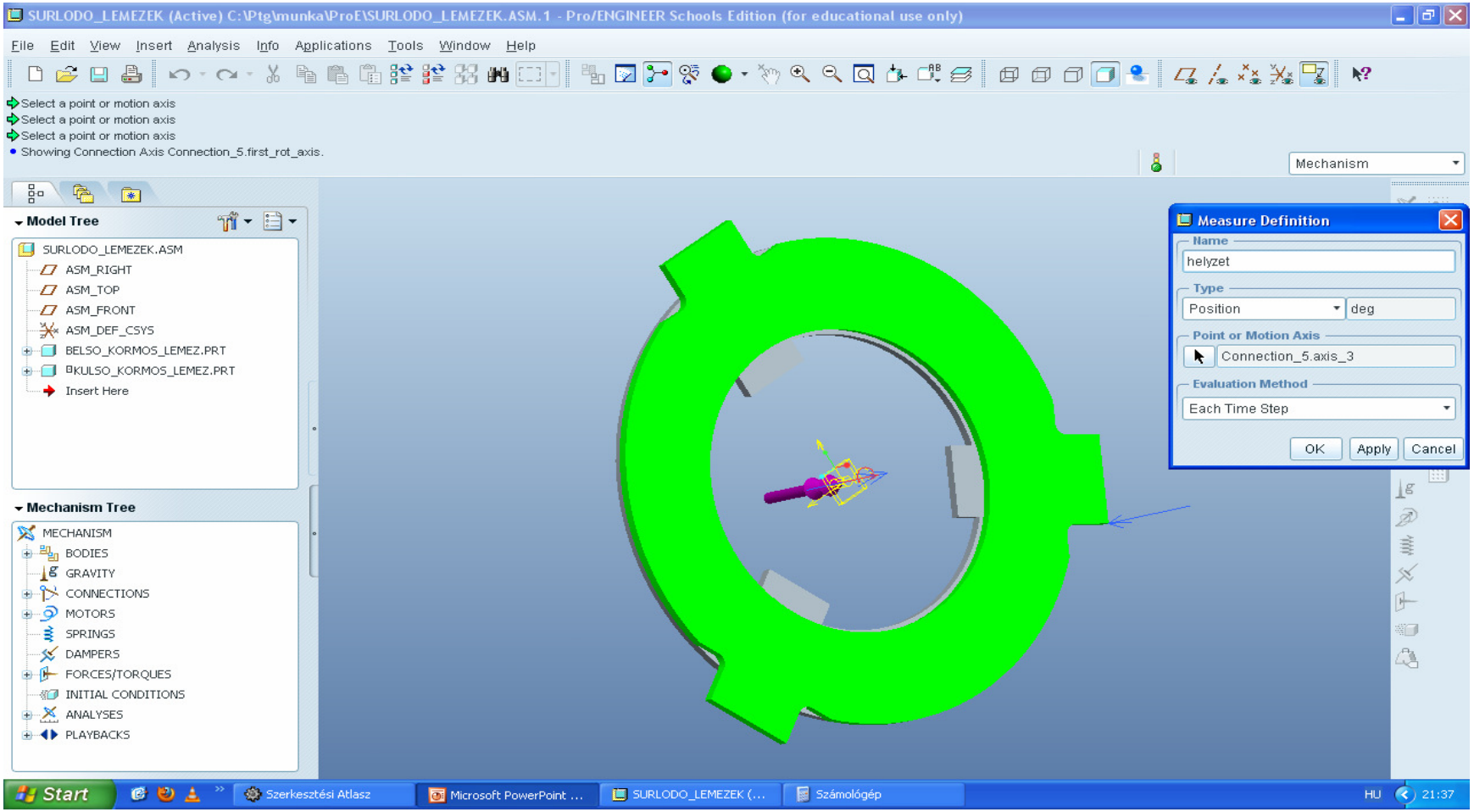
Helyzet mérés position



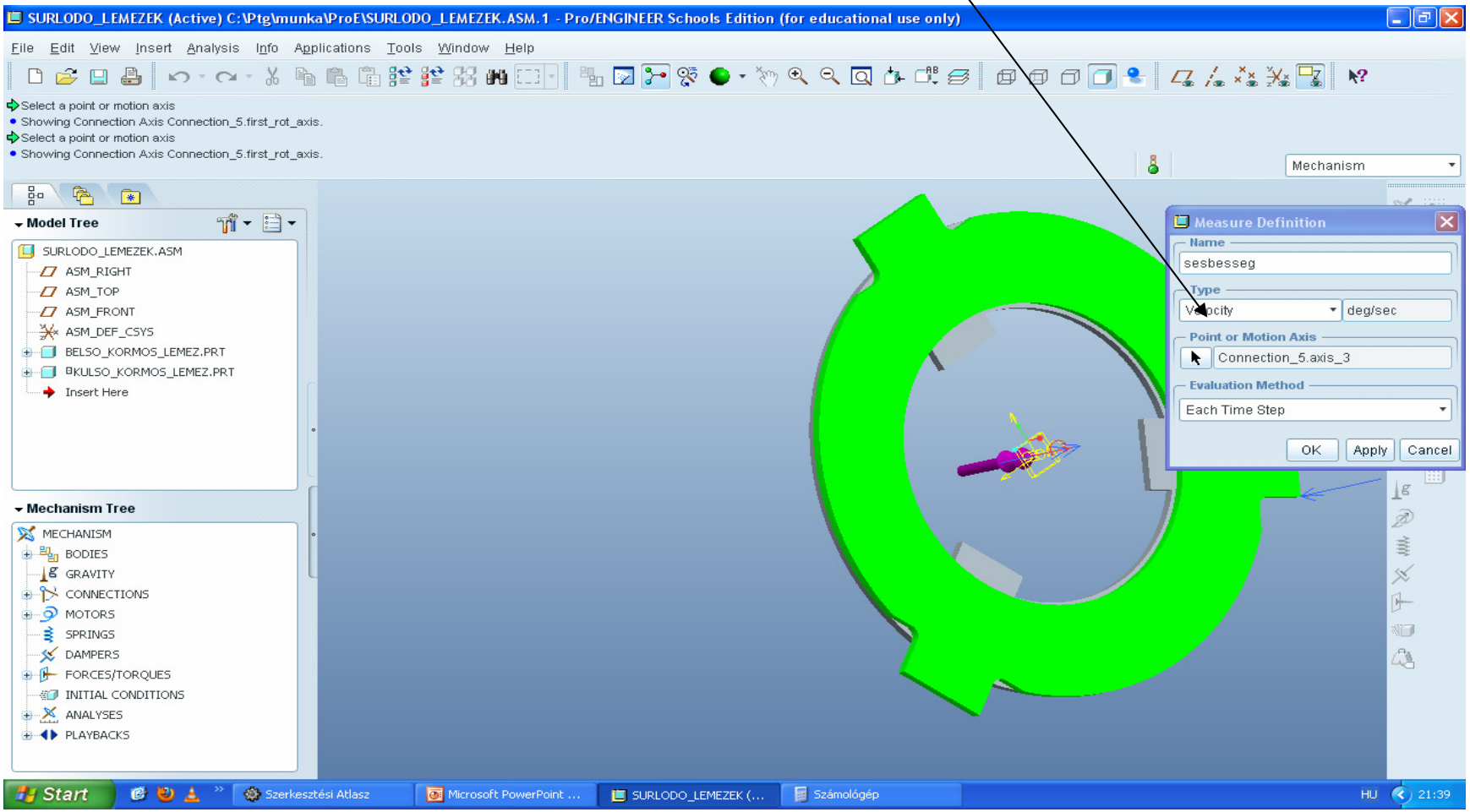
Pont vagy mozgás tengelye, Point or motion axis



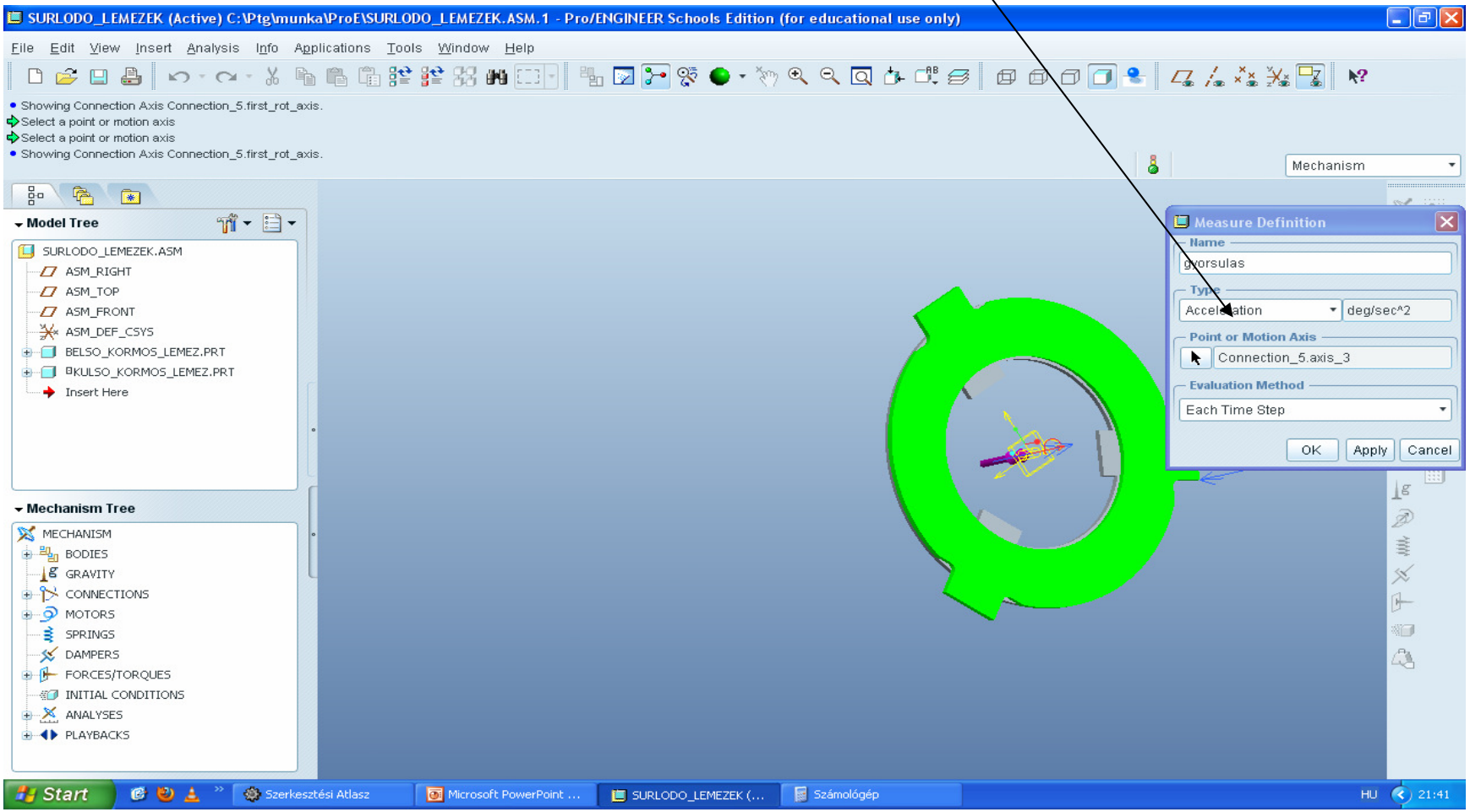
(mértékegység fok, azaz ‘deg’)+OK



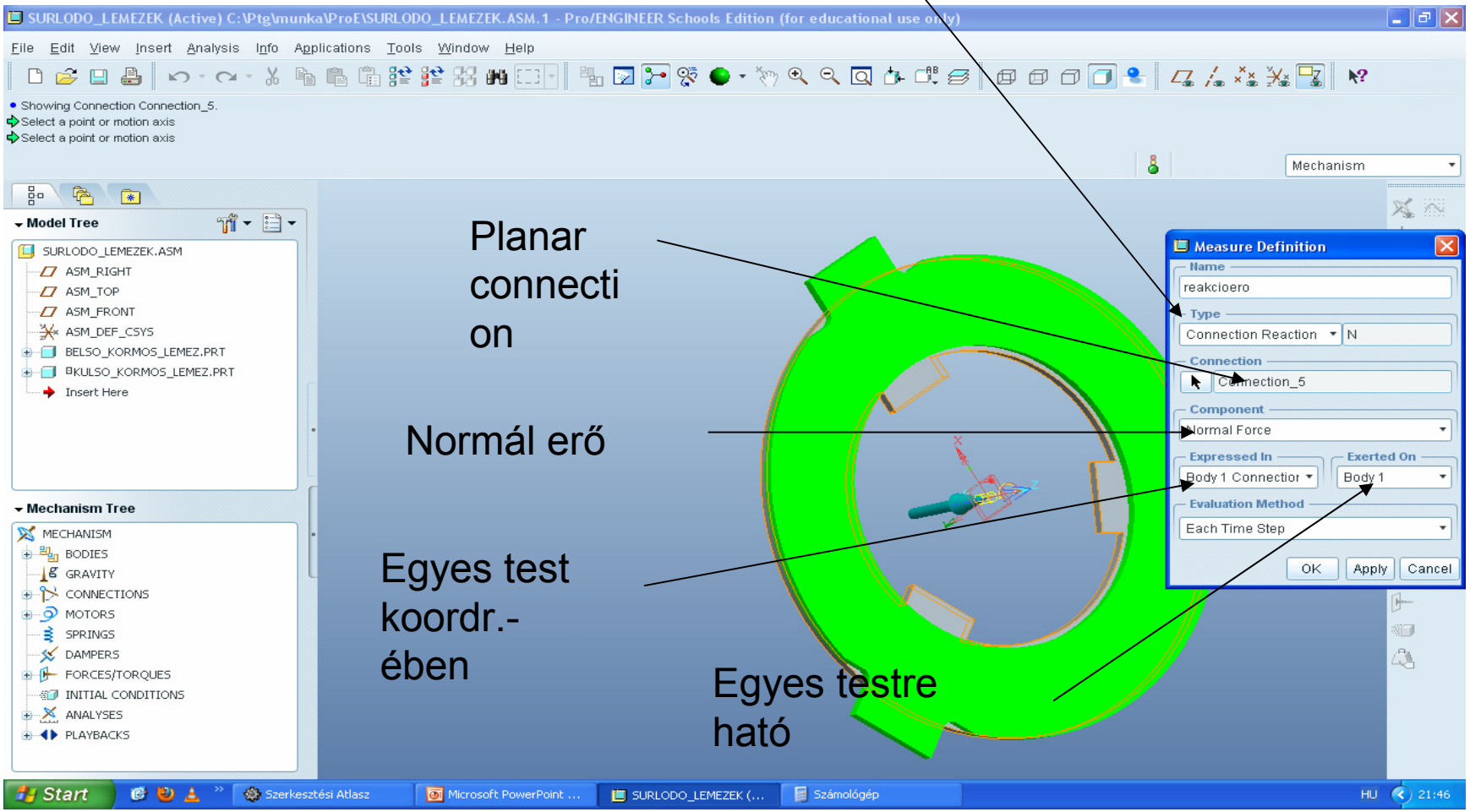
Új mérés, sebesség (deg/sec), a motion axis ugyan az



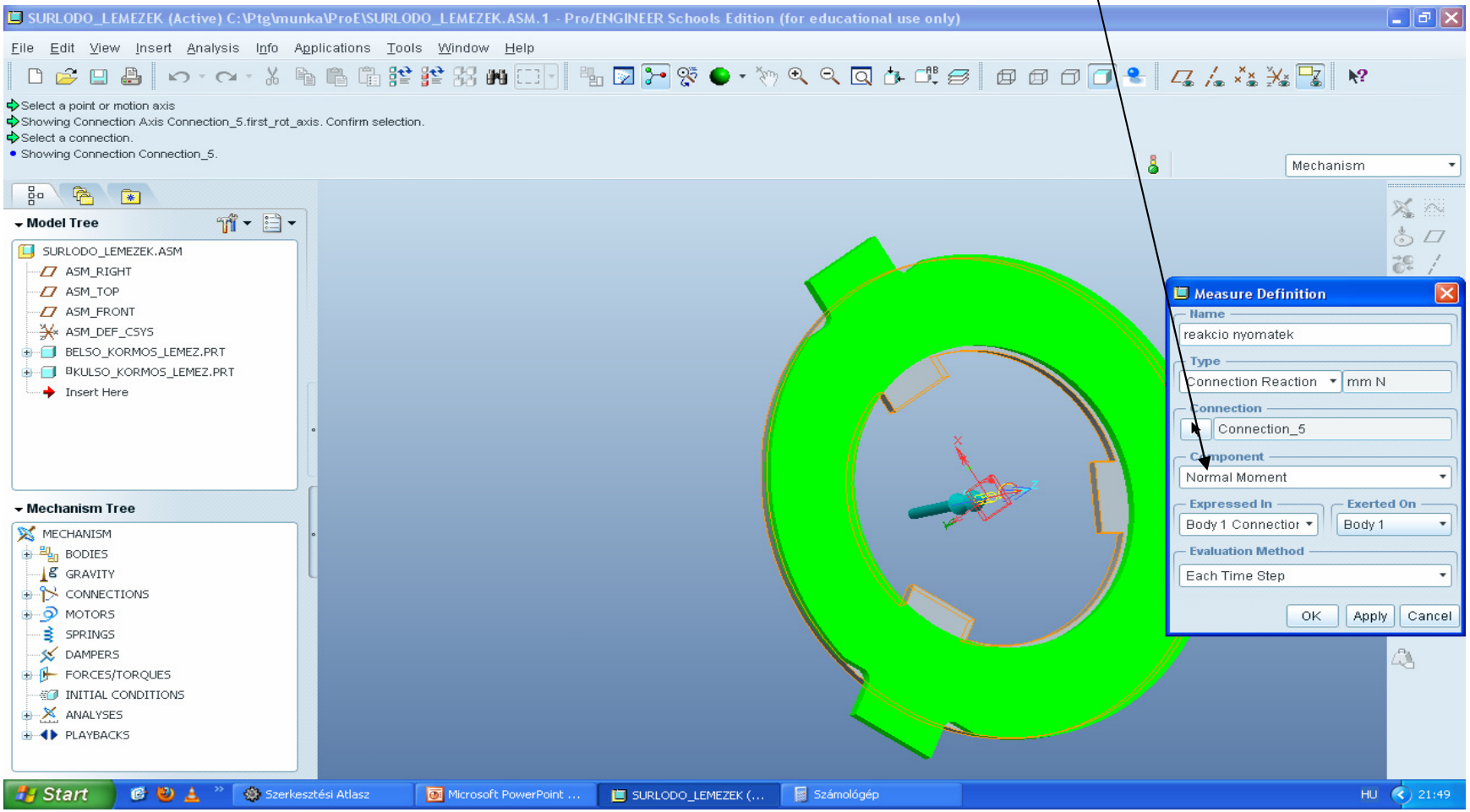
Új mérés, gyorsulás (deg/sec^2), a motion axis ugyan az



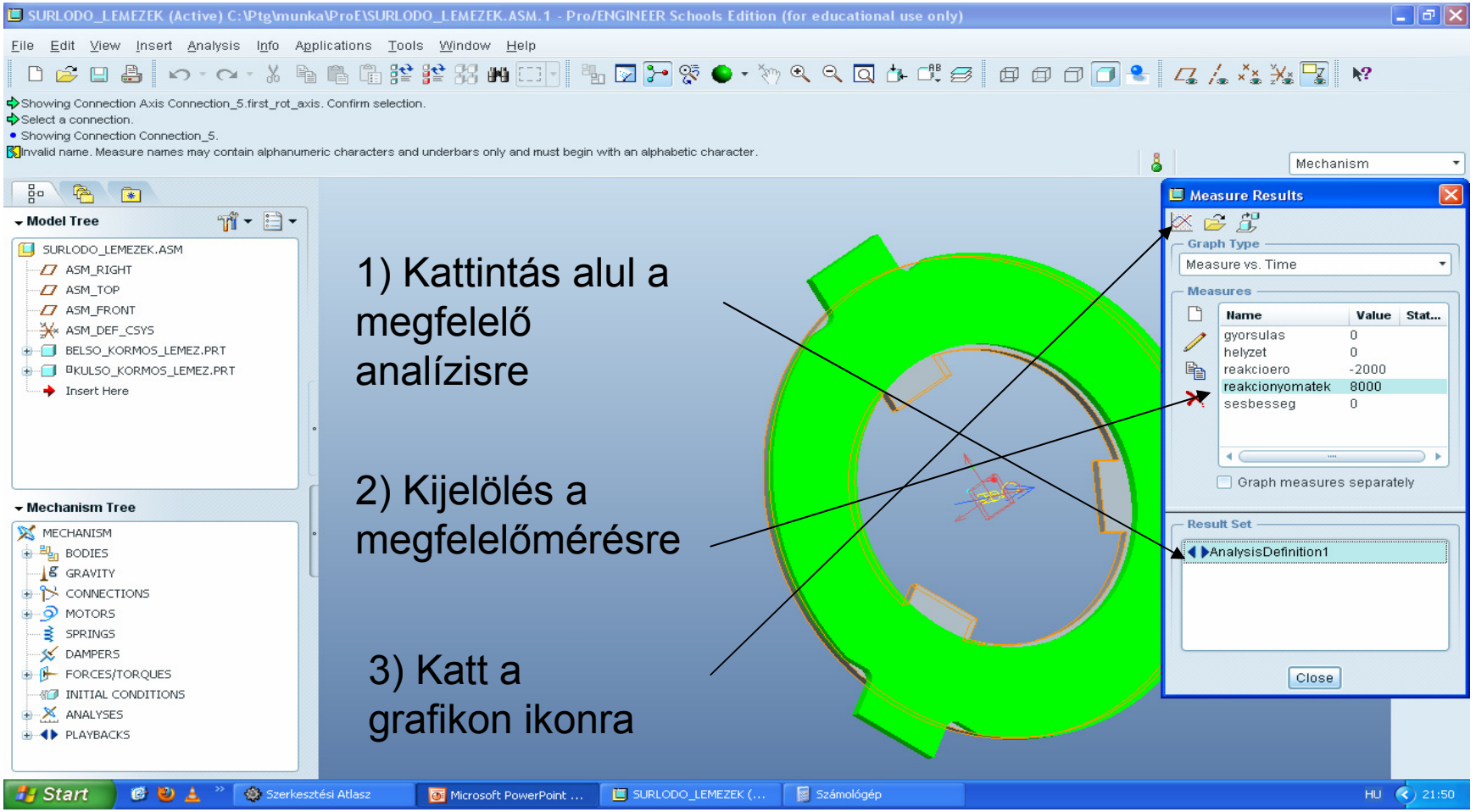
Új mérés, reakcióerő



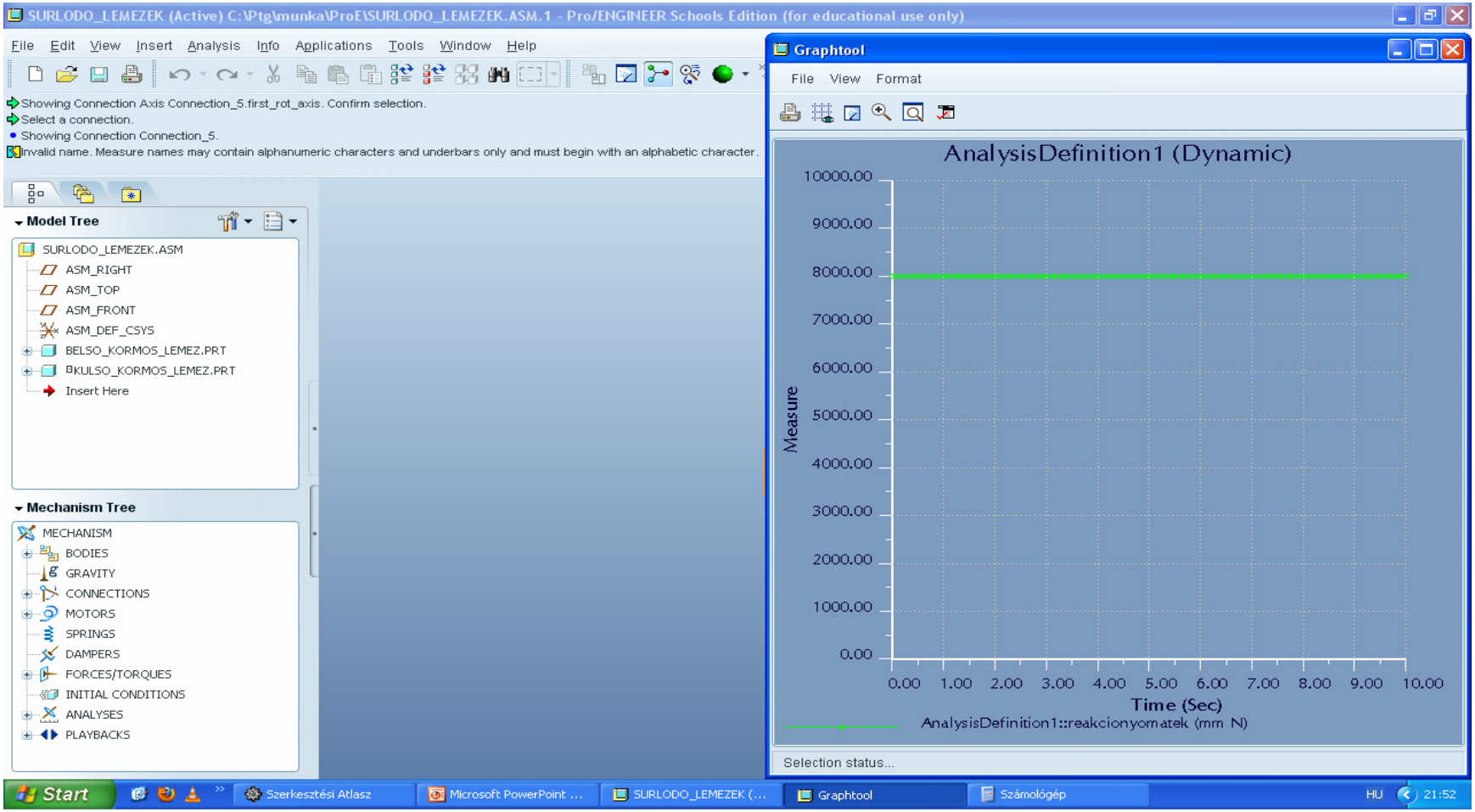
Új mérés, reakciónyomaték



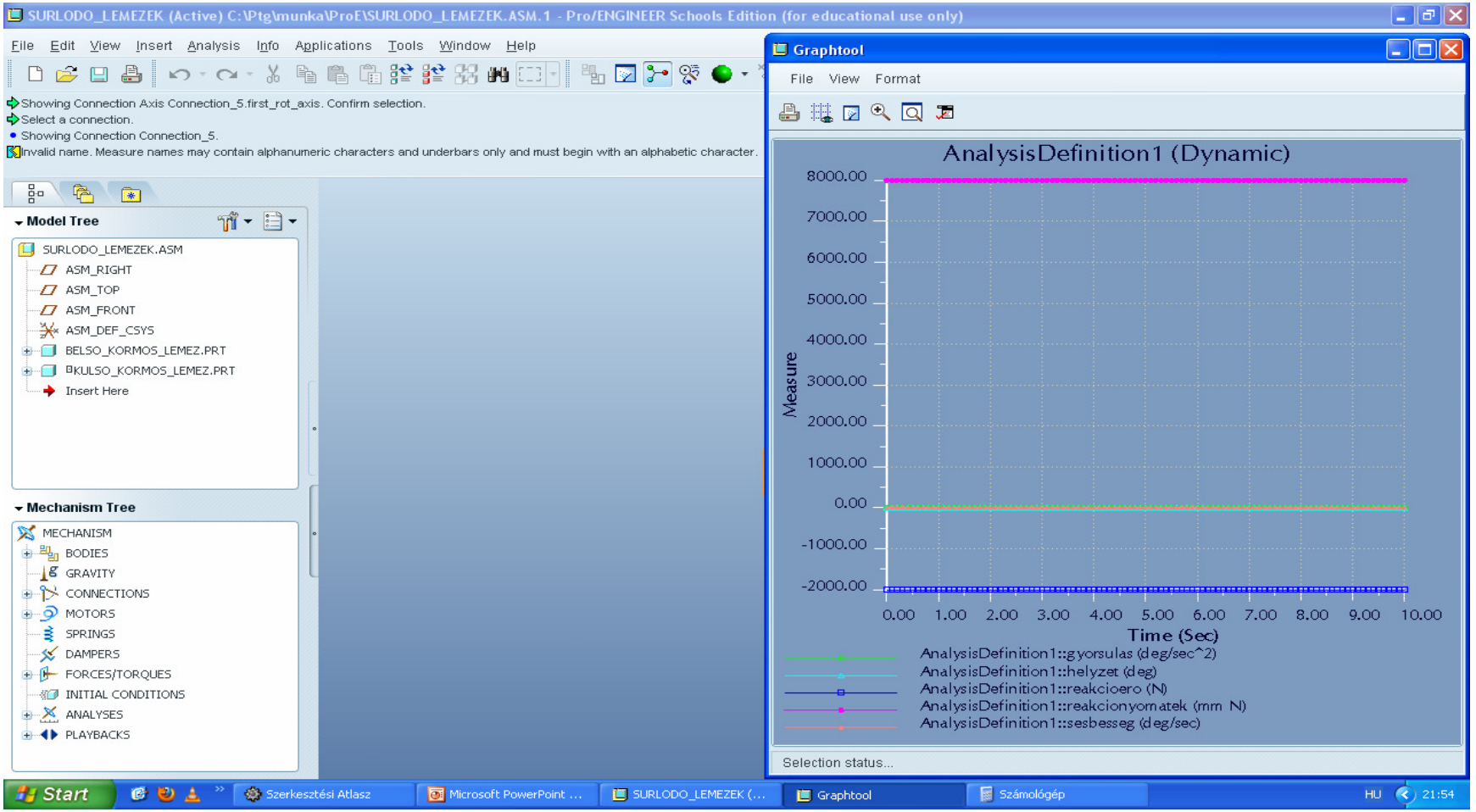
Eredmények megjelenítése



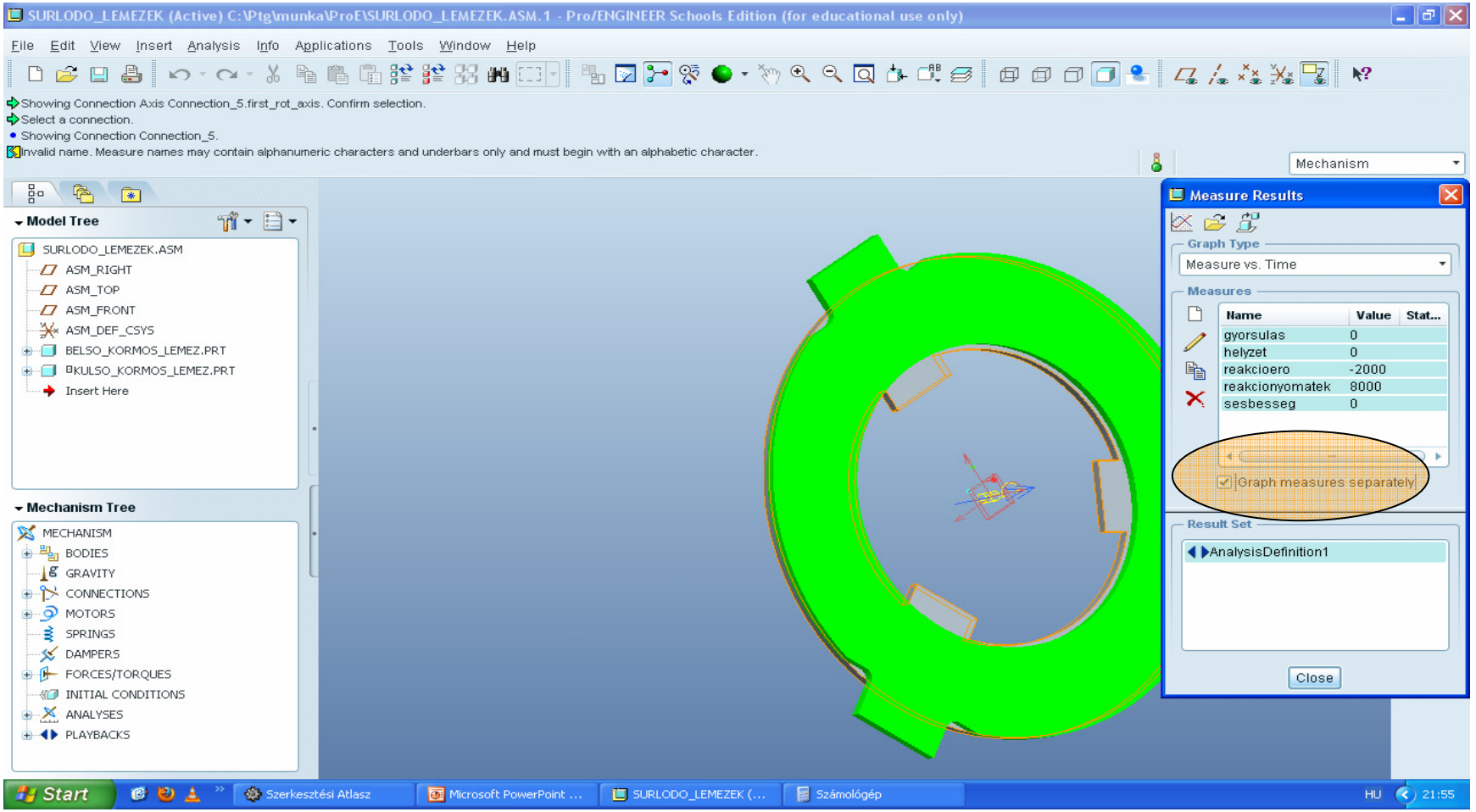
Eredmények értékelése 8000Nmm-nél még nem csúszik meg (csak 8800-nál)

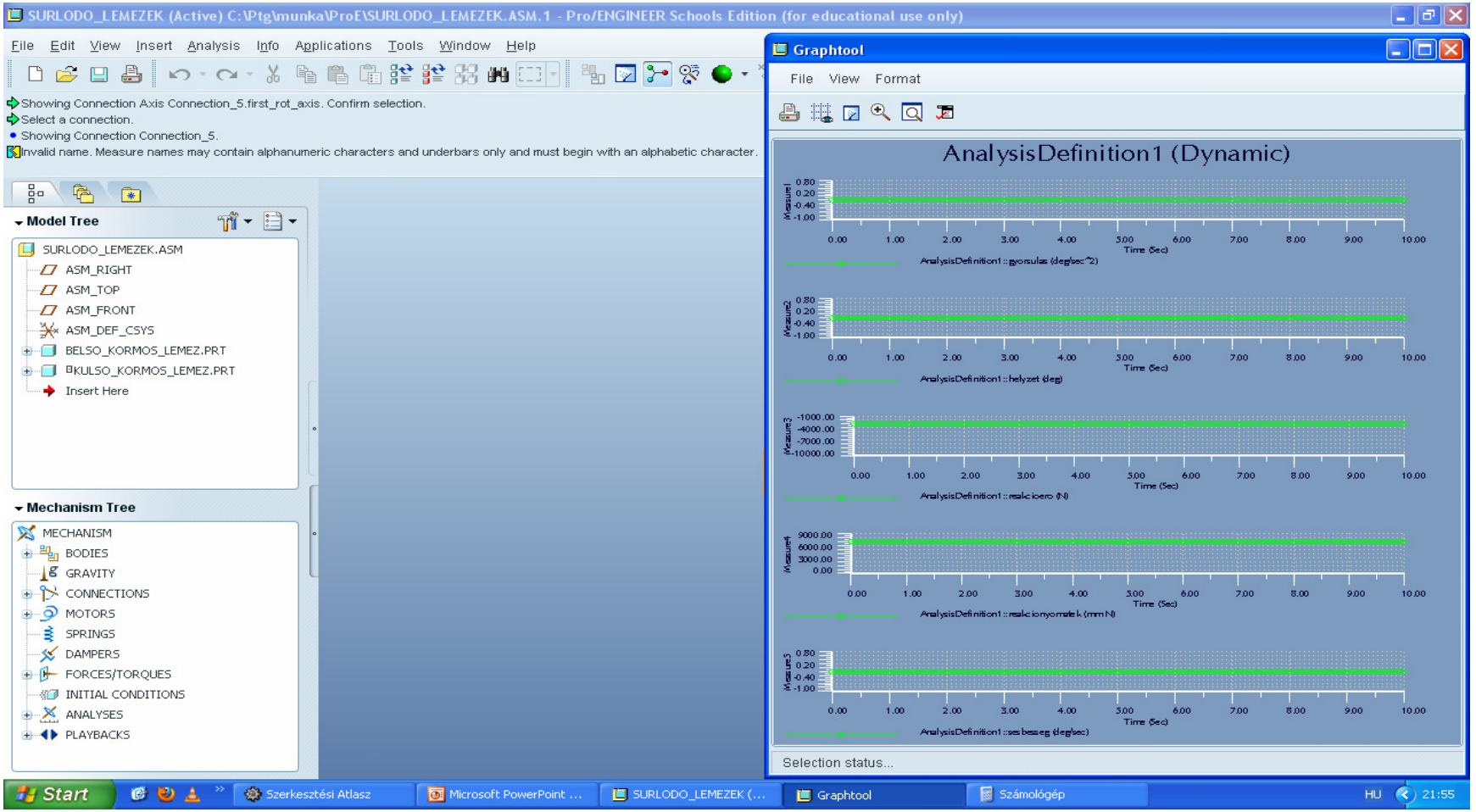


Több görbe egyszerre: CTRL-lal több mérés kijelölése

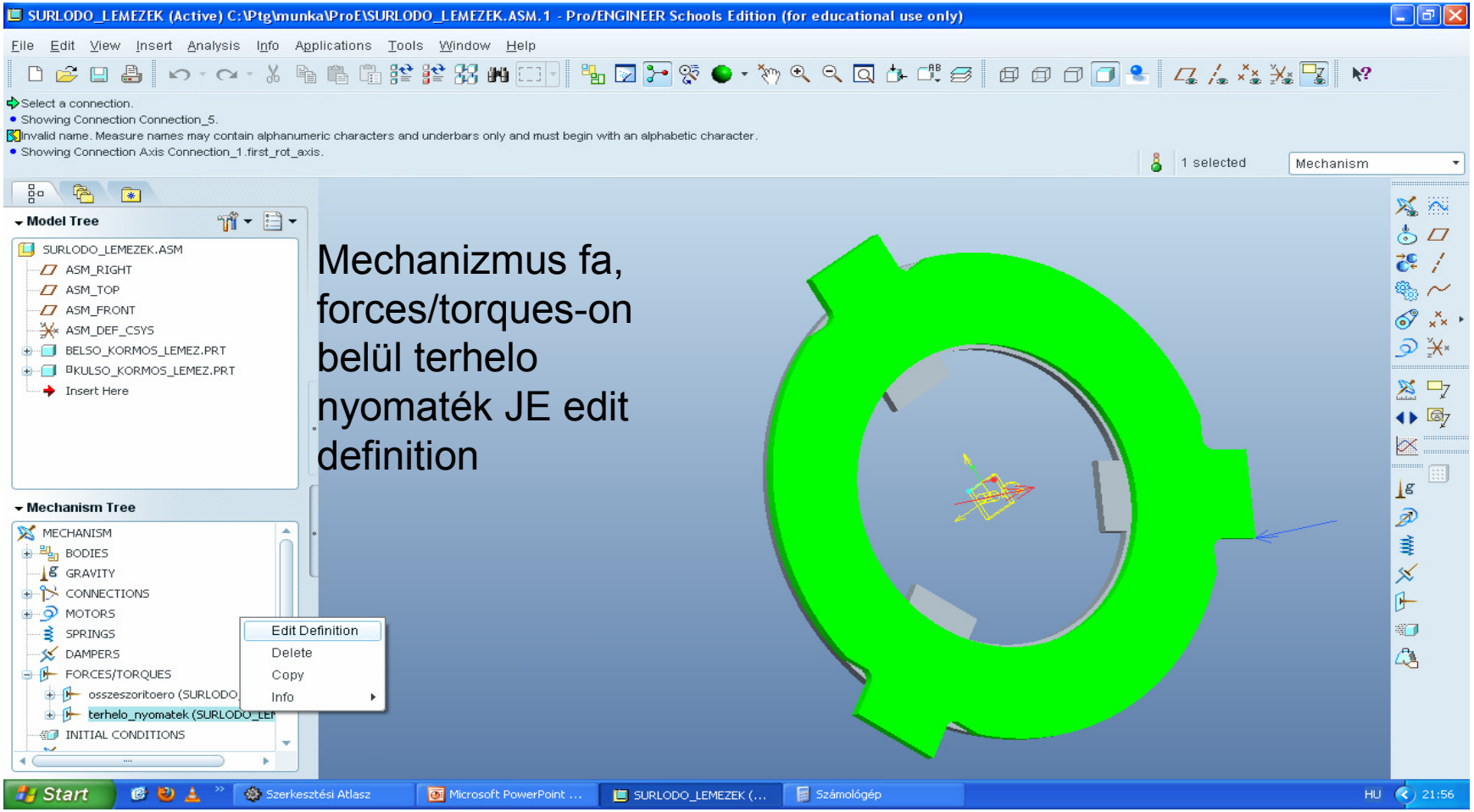


Több grafikon külön tengelyekkel

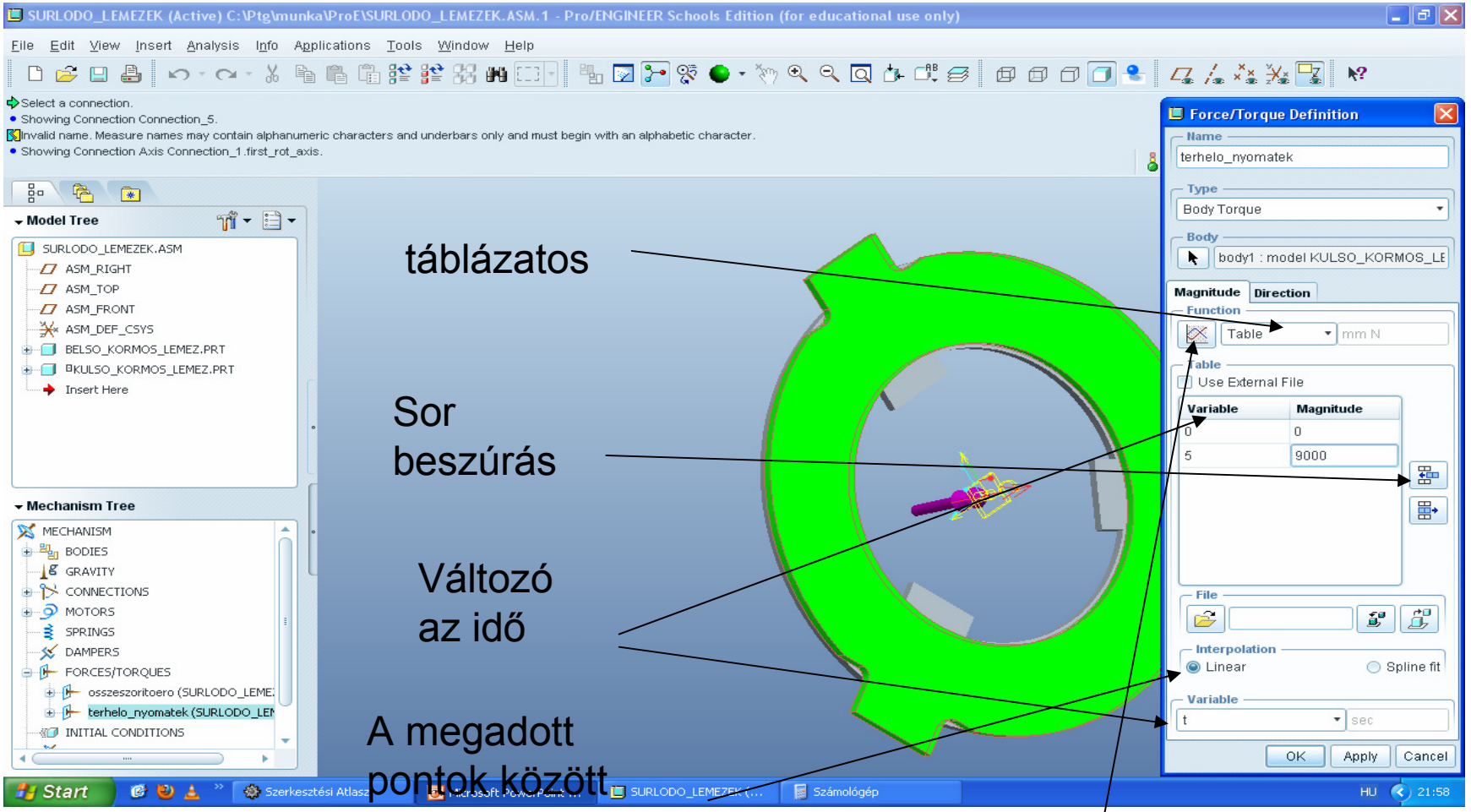


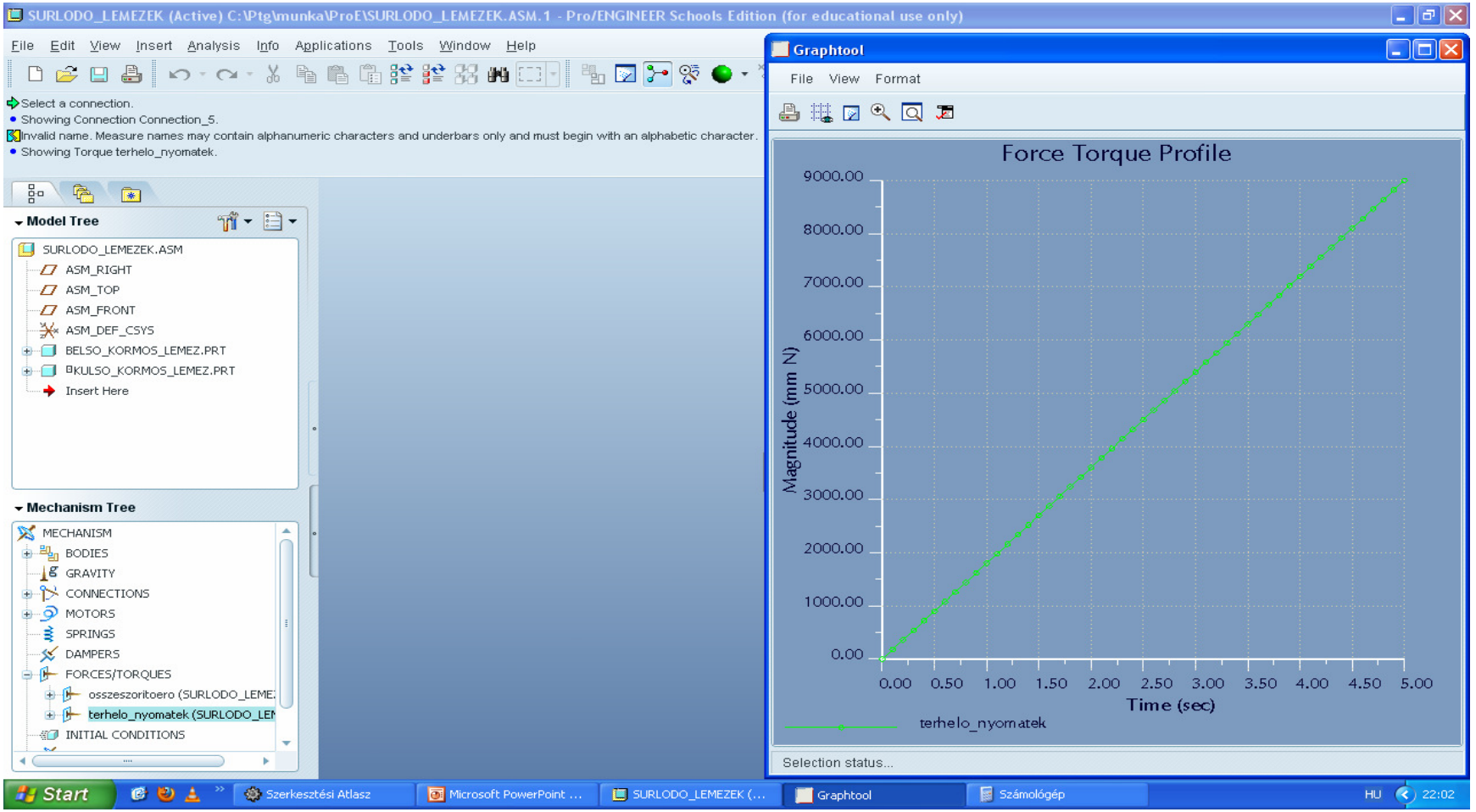

SURLODO_LEMEZEK (Active) C:\Ptg\munka\ProE\SURLODO_LEMEZEK.ASM.1 - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Showing Connection Axis Connection_5.first_rot_axis. Confirm selection.
Select a connection.
Showing Connection Connection_5.
Invalid name. Measure names may contain alphanumeric characters and underbars only and must begin with an alphabetic character.
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Mechanism Tree
MECHANISM
BODIES
GRAVITY
CONNECTIONS
MOTORS
SPRINGS
DAMPERS
FORCES/TORQUES
INITIAL CONDITIONS
ANALYSES
PLAYBACKS
Graphtool
File View Format
AnalysisDefinition1 (Dynamic)
Time (Sec)
AnalysisDefinition1 :: gyorsulas (deg/sec^2)
AnalysisDefinition1 :: helyzet (deg)
AnalysisDefinition1 :: reakcioero (N)
AnalysisDefinition1 :: reakcionyomatek (mmN)
AnalysisDefinition1 :: sebesseg (deg/sec)
Selection status...
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Graphtool
Számológép
HU
21:55

A megcsúszási határ vizsgálata, változó nyomatékkal

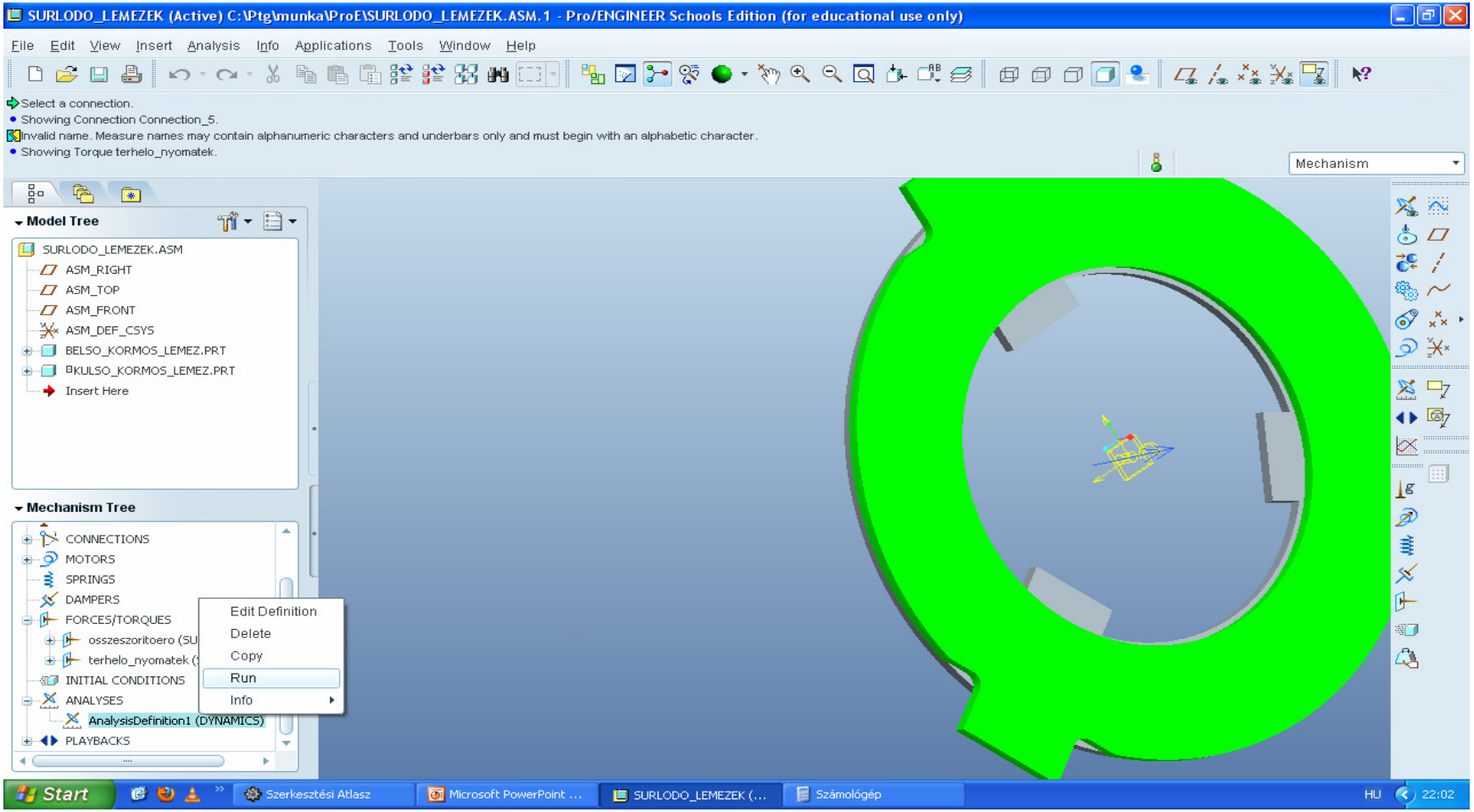


Táblázatos megadás, 0 sec 0 Nmm, 5 sec 9000 Nmm

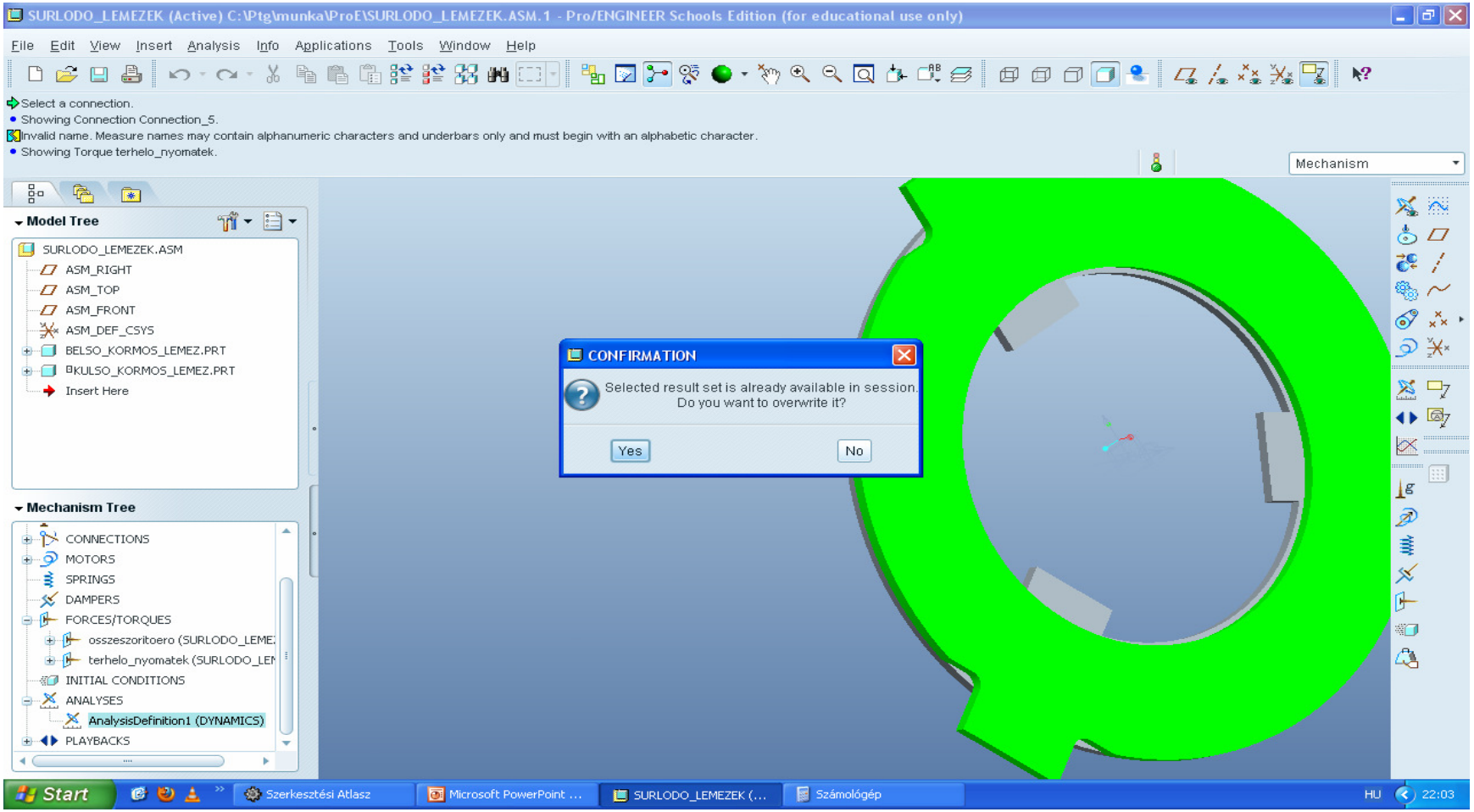



SURLODO_LEMEZEK (Active) C:\Ptg\munka\ProE\SURLODO_LEMEZEK.ASM.1 - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select a connection.
Showing Connection Connection_5.
Invalid name. Measure names may contain alphanumeric characters and underbars only and must begin with an alphabetic character.
Showing Torque terhelo_nyomatek.
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Mechanism Tree
MECHANISM
BODIES
GRAVITY
CONNECTIONS
MOTORS
SPRINGS
DAMPERS
FORCES/TORQUES
osszeszoritoero (SURLODO_LEME
terhelo_nyomatek (SURLODO_LE
INITIAL CONDITIONS
Graphtool
File View Format
Force Torque Profile
Magnitude (mm N)
9000.00
8000.00
7000.00
6000.00
5000.00
4000.00
3000.00
2000.00
1000.00
0.00
0.00 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00
Time (sec)
terhelo_nyomatek
Selection status...
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Graphtool
Számológép
HU
22:02

Analízis újra futtasása!
Mechanizmus fa JE run

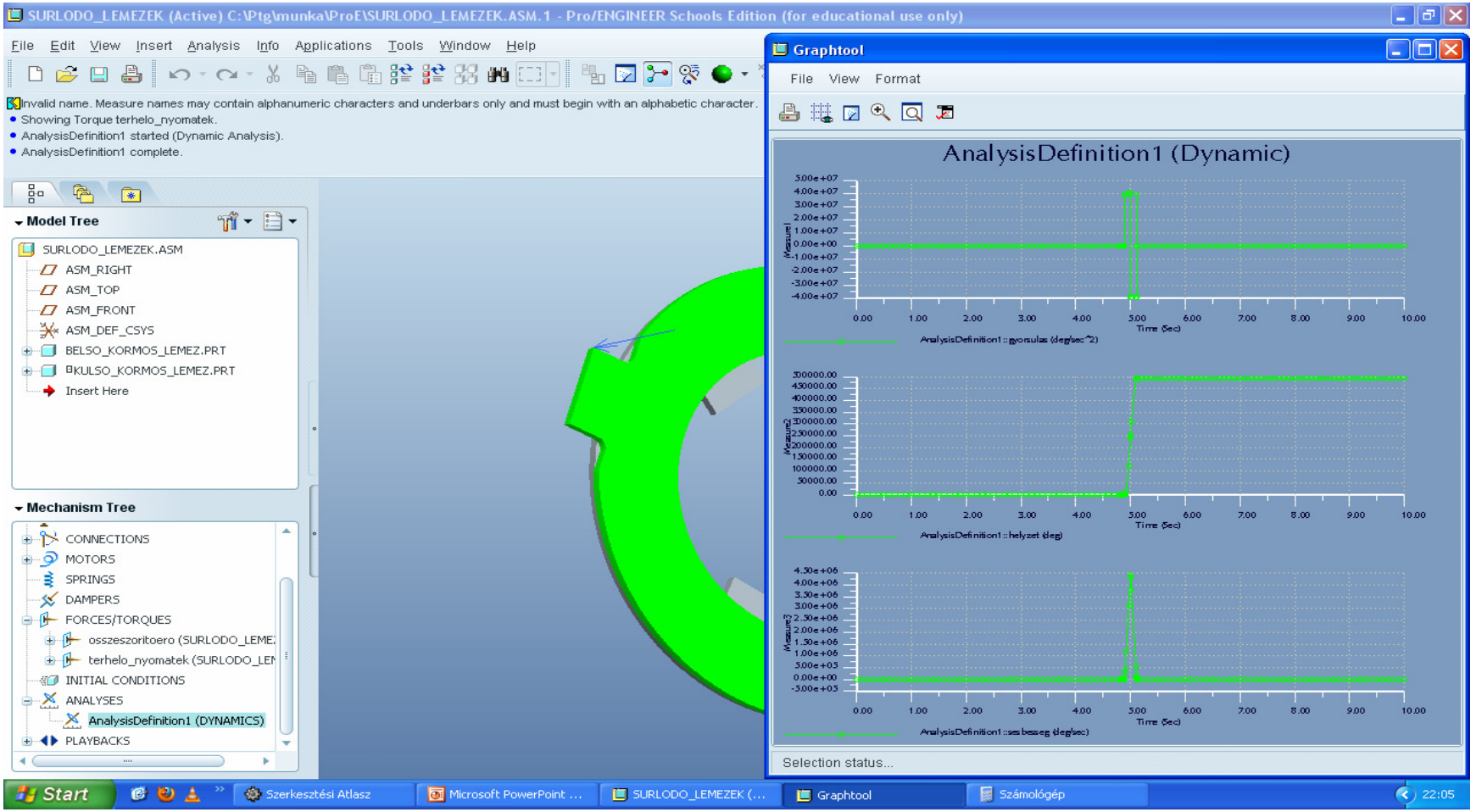


yes

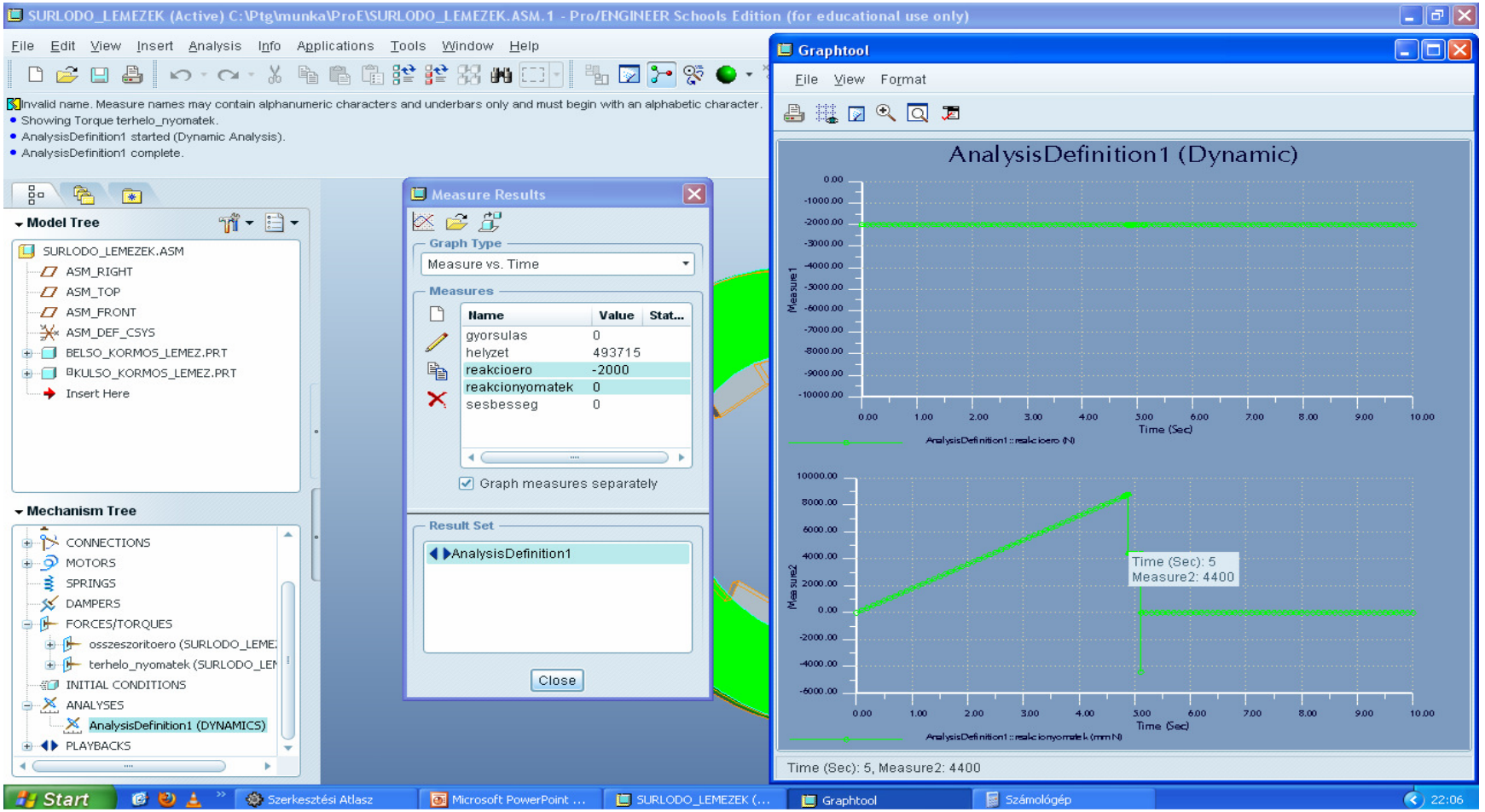

SURLODO_LEMEZEK (Active) C:\Ptg\munka\ProE\SURLODO_LEMEZEK.ASM.1 - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Select a connection.
Showing Connection Connection_5.
Invalid name. Measure names may contain alphanumeric characters and underbars only and must begin with an alphabetic character.
Showing Torque terhelo_nyomatek.
Mechanism
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Mechanism Tree
CONNECTIONS
MOTORS
SPRINGS
DAMPERS
FORCES/TORQUES
osszeszoritoero (SURLODO_LEME
terhelo_nyomatek (SURLODO_LE
INITIAL CONDITIONS
ANALYSES
AnalysisDefinition1 (DYNAMICS)
PLAYBACKS
CONFIRMATION
Selected result set is already available in session.
Do you want to overwrite it?
Yes
No
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Számológép
HU
22:03

elpördült

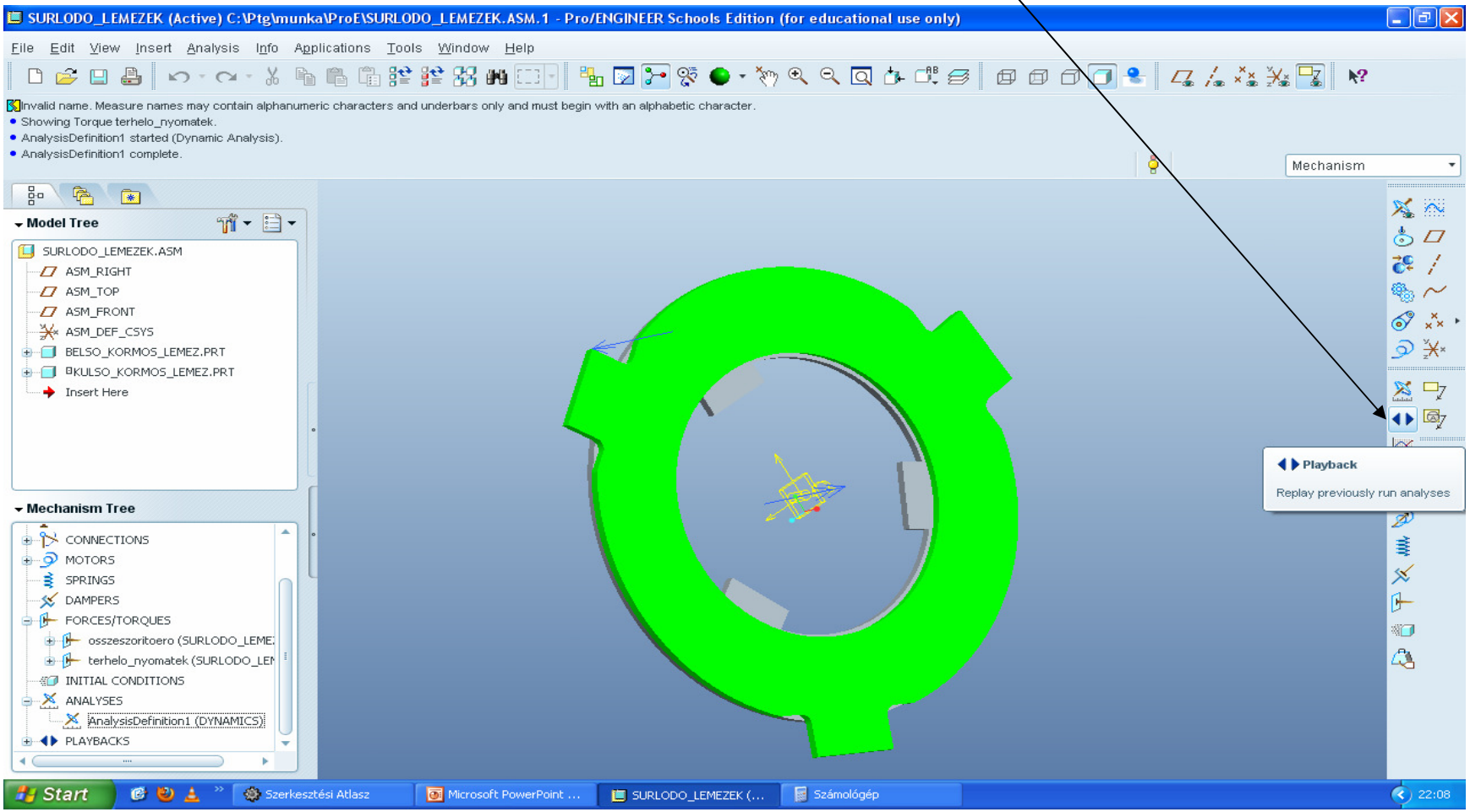
Mérési eredmények megtekintése gyorsulas, helyzet, sebesseg



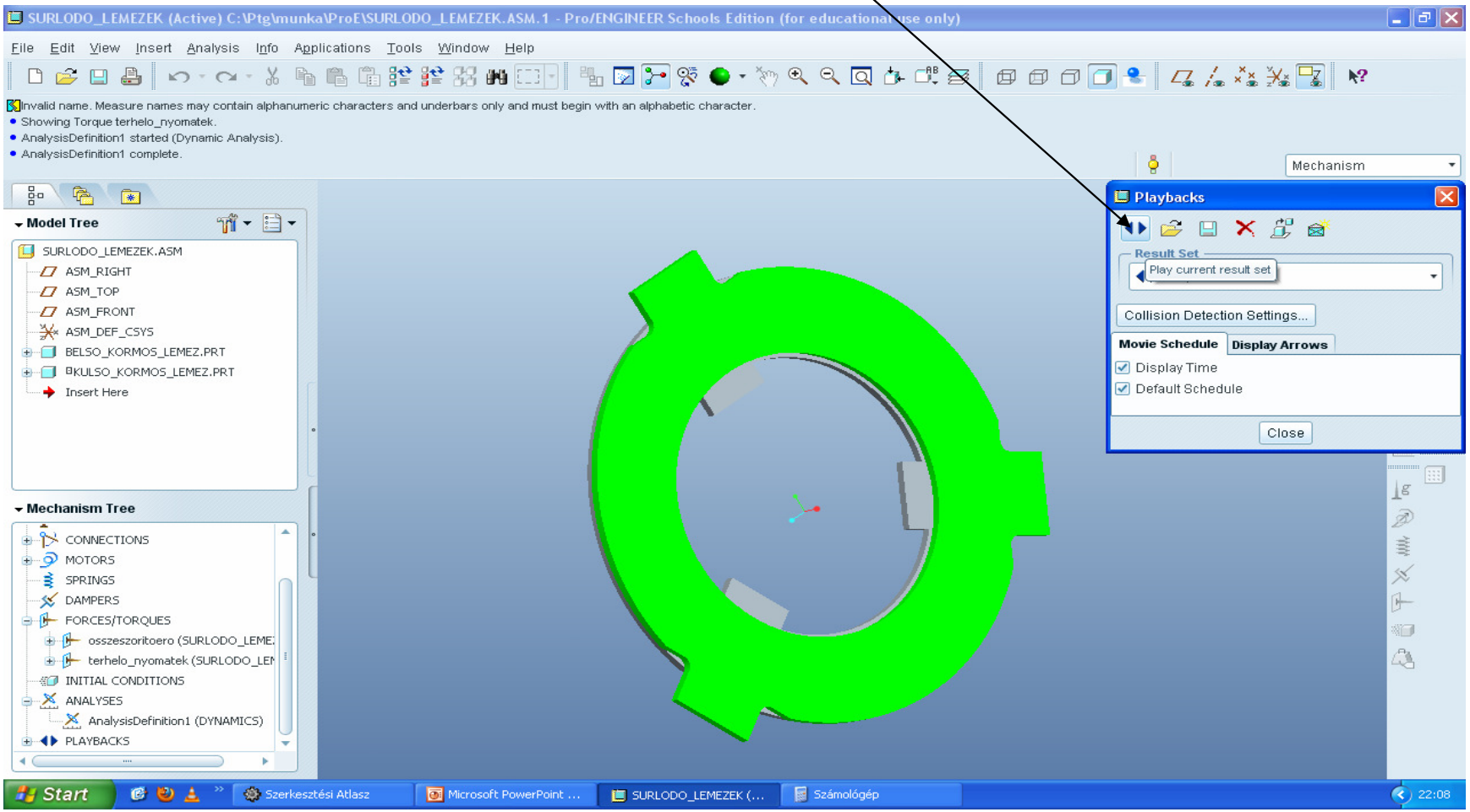
Reakcióerő, reakciónyomaték. Ha rákattintunk a grafikonra, kiírja az értéket, a másodikon látszik a megcsúszás



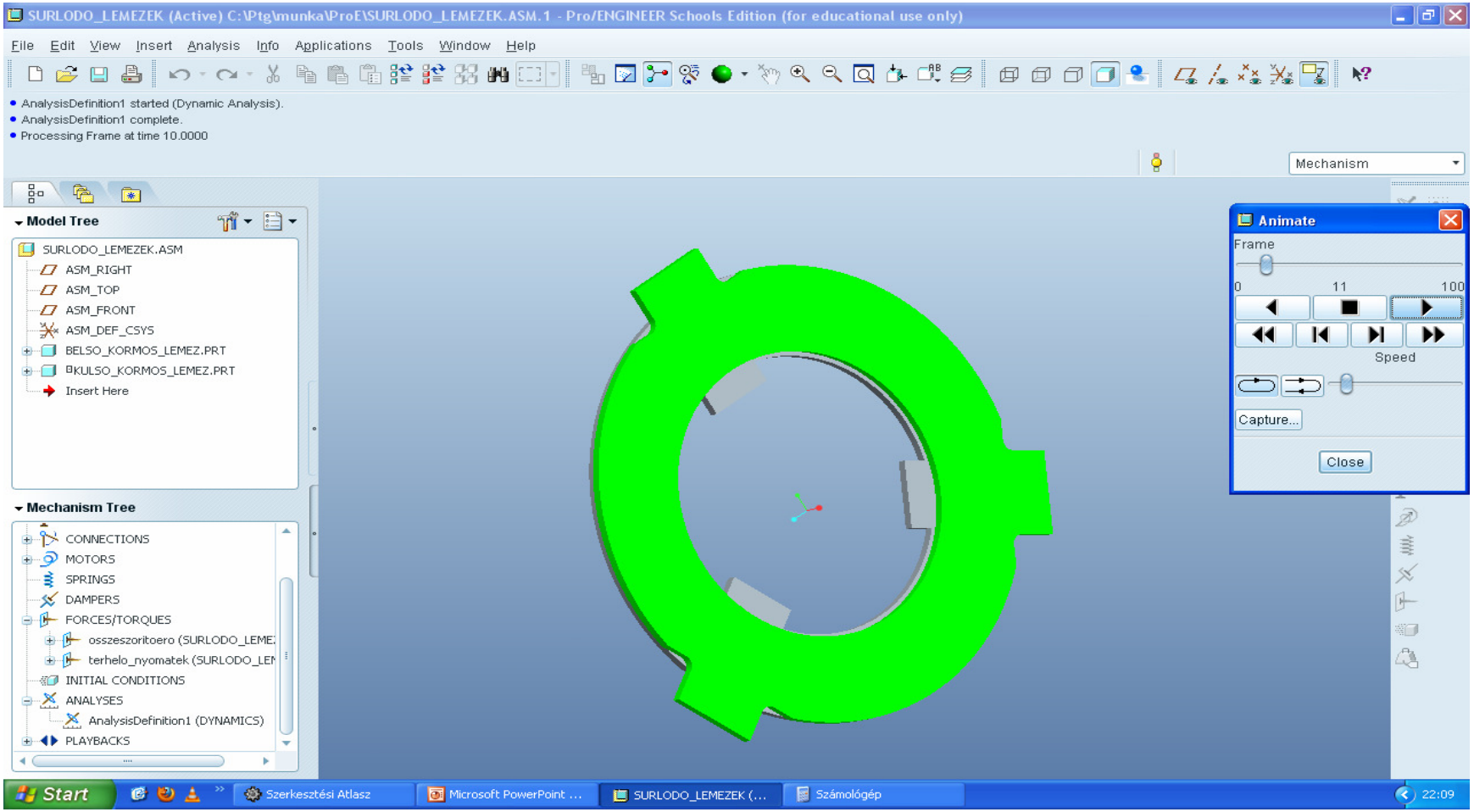
visszajátszás



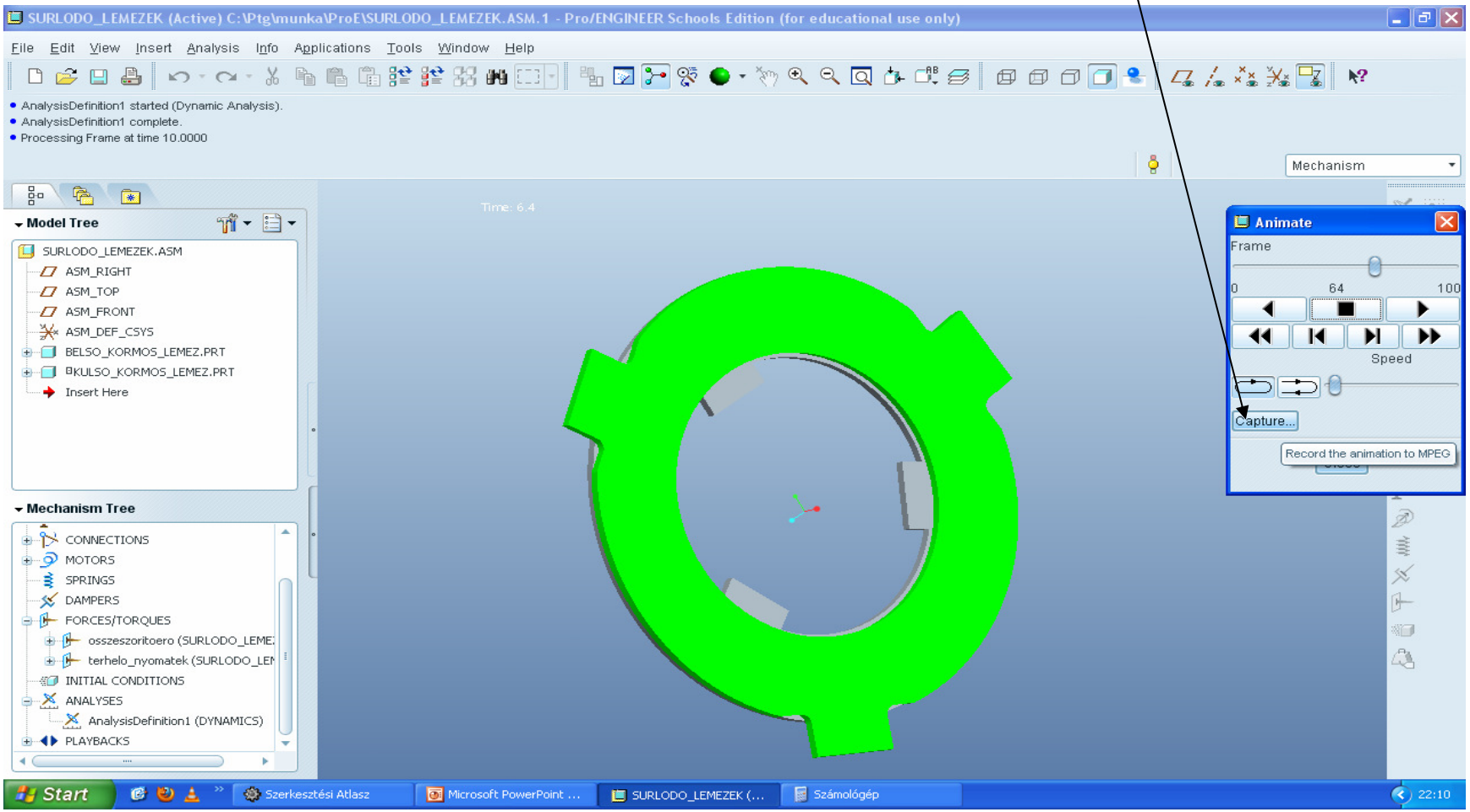
Katt ide


SURLODO_LEMEZEK (Active) C:\Ptg\munka\ProE\SURLODO_LEMEZEK.ASM.1 - Pro/ENGINEER Schools Edition (for educational use only)
File Edit View Insert Analysis Info Applications Tools Window Help
Invalid name. Measure names may contain alphanumeric characters and underbars only and must begin with an alphabetic character.
Showing Torque terhelo_nyomatek.
AnalysisDefinition1 started (Dynamic Analysis).
AnalysisDefinition1 complete.
Mechanism
Model Tree
SURLODO_LEMEZEK.ASM
ASM_RIGHT
ASM_TOP
ASM_FRONT
ASM_DEF_CSYS
BELSO_KORMOS_LEMEZ.PRT
KULSO_KORMOS_LEMEZ.PRT
Insert Here
Mechanism Tree
CONNECTIONS
MOTORS
SPRINGS
DAMPERS
FORCES/TORQUES
osszeszoritoero (SURLODO_LEME
terhelo_nyomatek (SURLODO_LE
INITIAL CONDITIONS
ANALYSES
AnalysisDefinition1 (DYNAMICS)
PLAYBACKS
Playbacks
Result Set
Play current result set
Collision Detection Settings...
Movie Schedule
Display Arrows
Display Time
Default Schedule
Close
Start
Szerkesztési Atlasz
Microsoft PowerPoint ...
SURLODO_LEMEZEK (...
Számológép
22:08

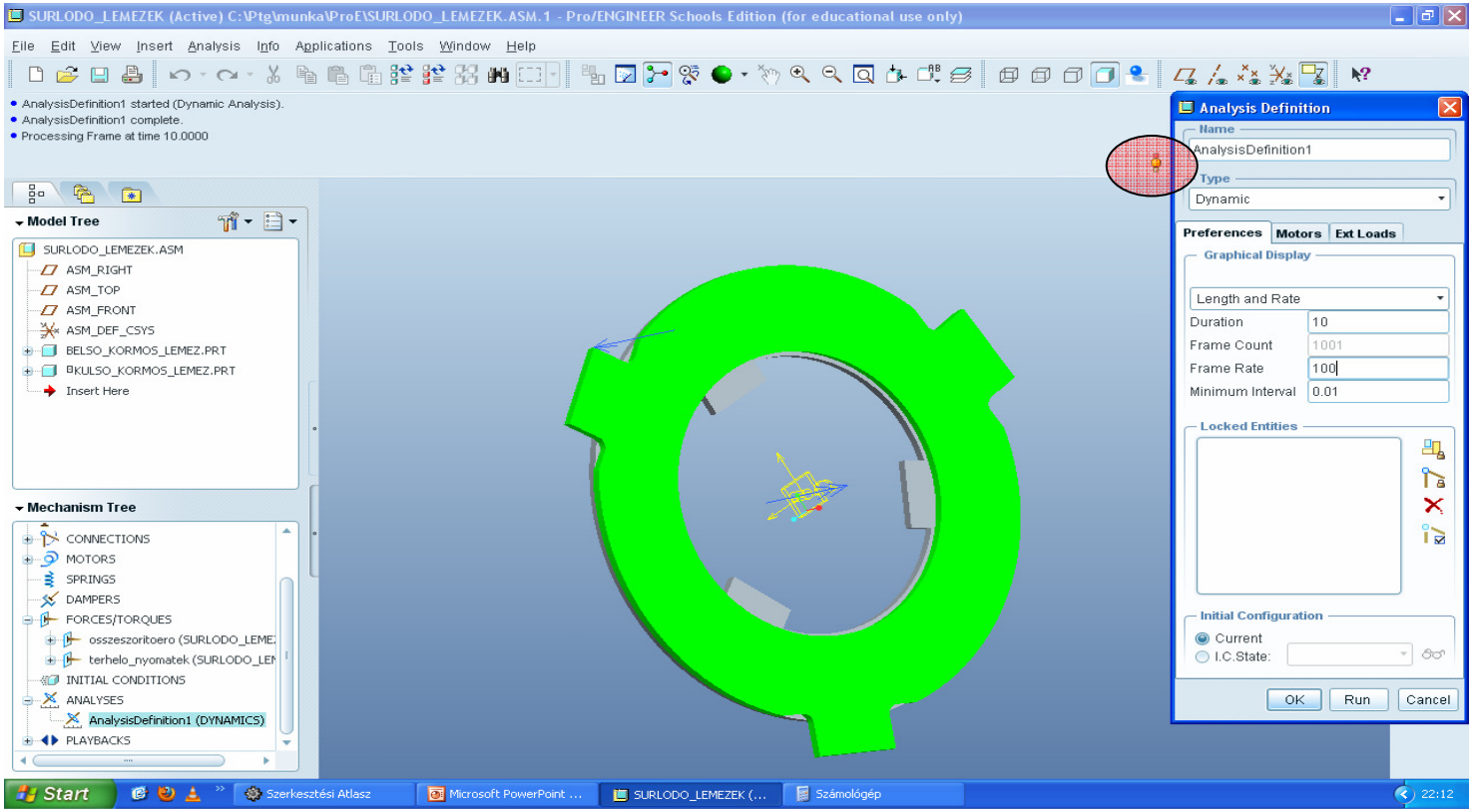
Lejátszó felület



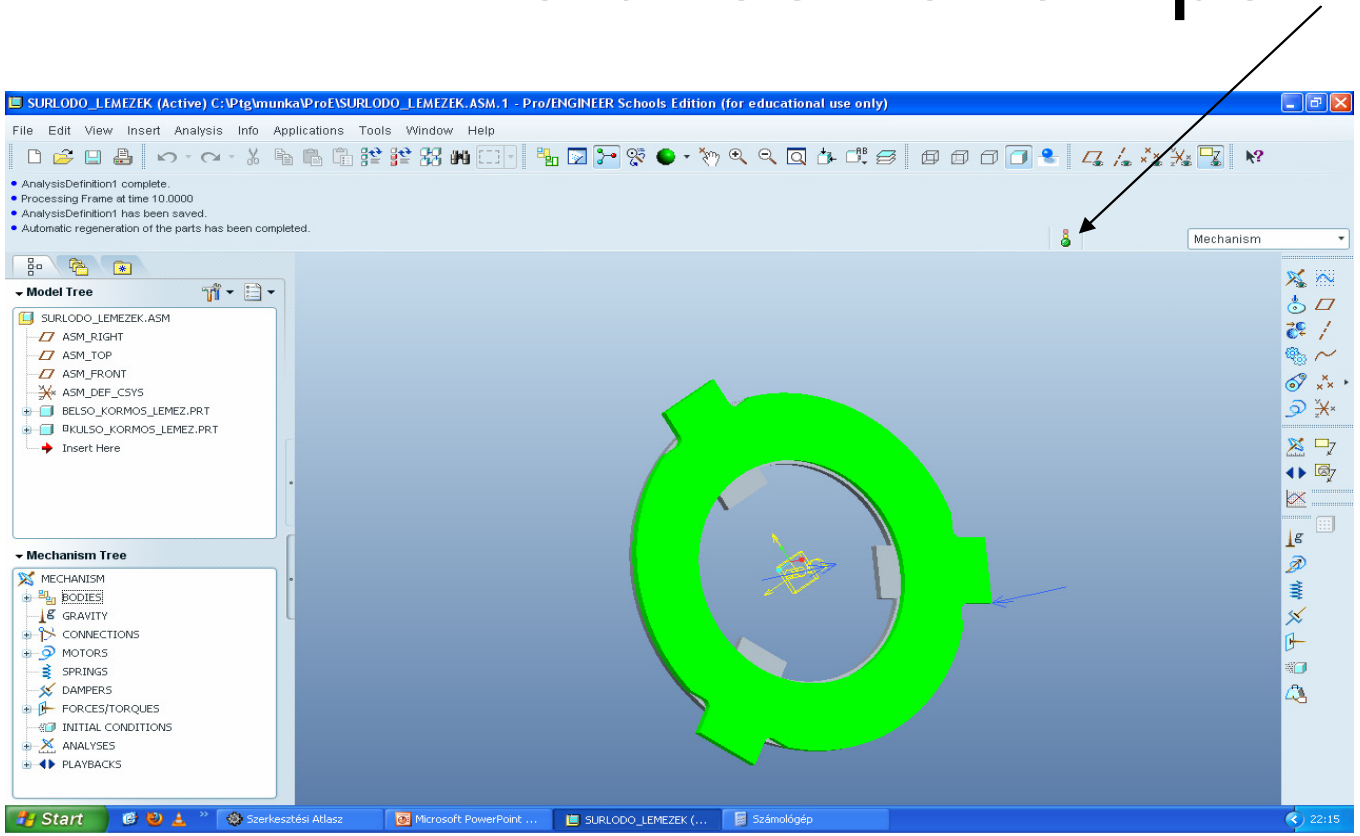
Itt lehet filmfájlba kimenteni (sok időt tud elvenni)



Ha részletesebb videót, mérési görbéket akarunk, növelni kell a képkocka számot. Analysis, edit definition/ frame rate = 100, utána OK!!!!!



Azért nem RUN, mert nincs teljesen frissítve, újragenerálva a modell, ezt jelzi a sárga lámpa. Tehát ctrl+g!, attól vissza áll 0-ba, ill zöld lesz a lámpa



Mechanizmus fában JE run, aztán visszajátszás

- A görbék elemzését!

Több lemez

- Össze kell rendezni egy cyllinder kényszerrel a tengelyeket, egy planarral a súrlódó felületeket, itt kell a rotation axist definiálni, ill. a súrlódó felületek közt lévő tényezőket, és egy harmdik kényszerrel a körmök oldalait összerendezni, ami planar legyen.

Jó munkát!