



# Introduction to Mechanical Engineering, CAD ASM 1

Bottom-Up approach

Basics



# Introductory words

## If you need standard nut/bolt/bearing

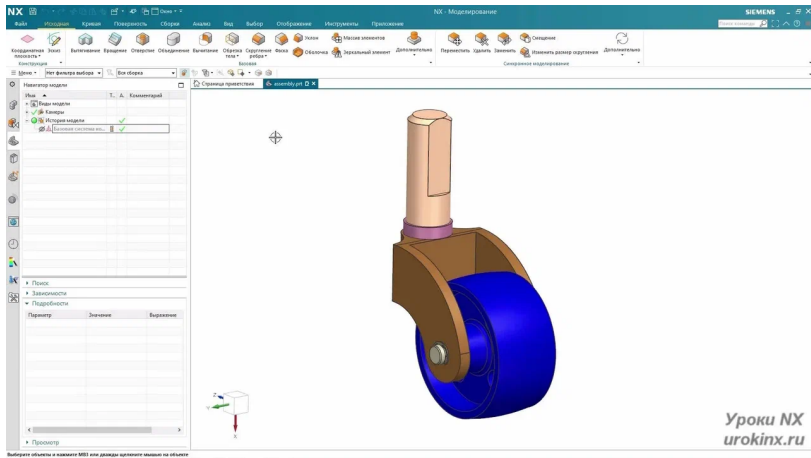


You can find it in **Standard Component Library. (SCL)**. Due to some reasons, our NX version doesn't contain it.

If you need SCL, use either [mcmaster](#) or Kompas 3D, or Solid Edge. Insert needed stuff in NX.

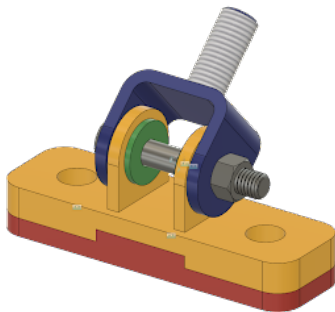
# Basics (1)

Video + labs/CAD\_ASM1/task\_data/video1.zip



Уроки NX  
urokinx.ru

## Task 1



Make an assembly as in figure. *labs/CAD\_ASM1/task\_data/task1.zip*

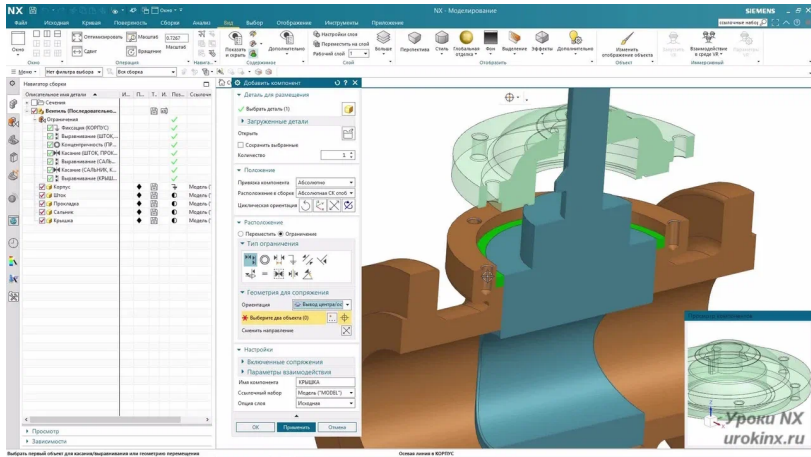
## Task 2



Import step file and make a moveable assembly. *labs/CAD\_ASM1/task\_data/task2.zip*

# Basics (2)

Video + labs/CAD\_ASM1/task\_data/video2.zip



# Deserve "A" grade!

– Oleg Bulichev

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📍 @Lupasic

🏢 Room 105 (Underground robotics lab)