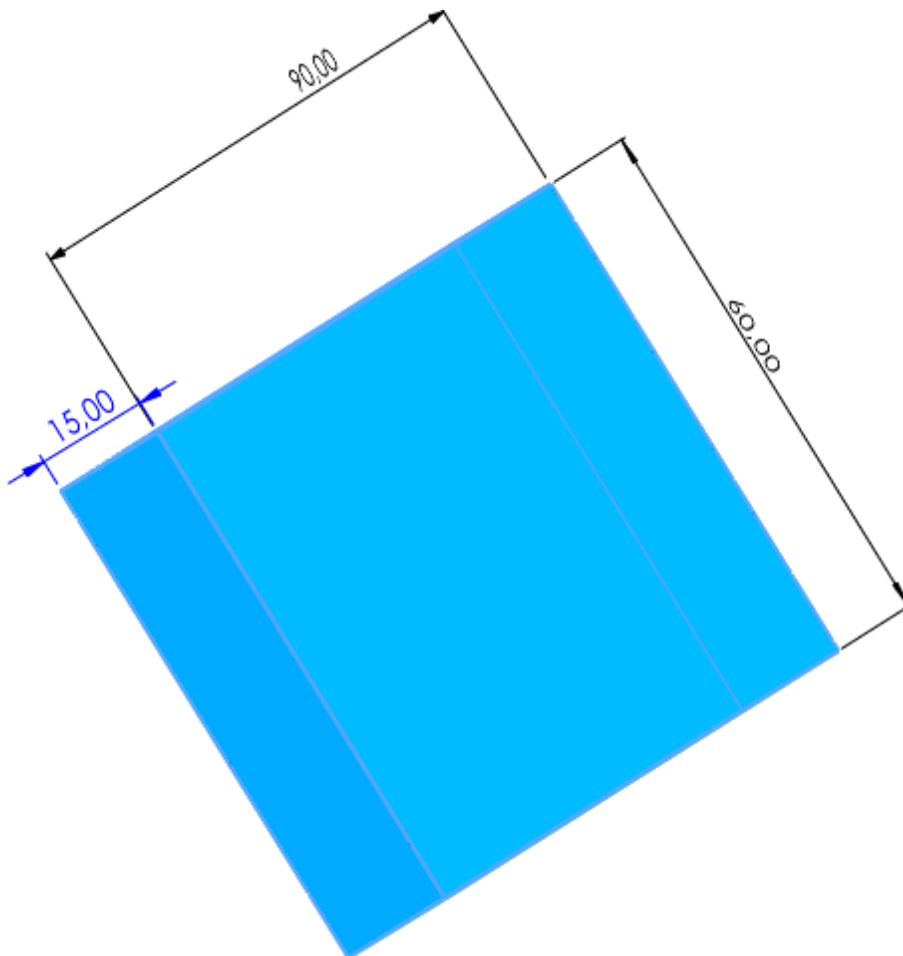


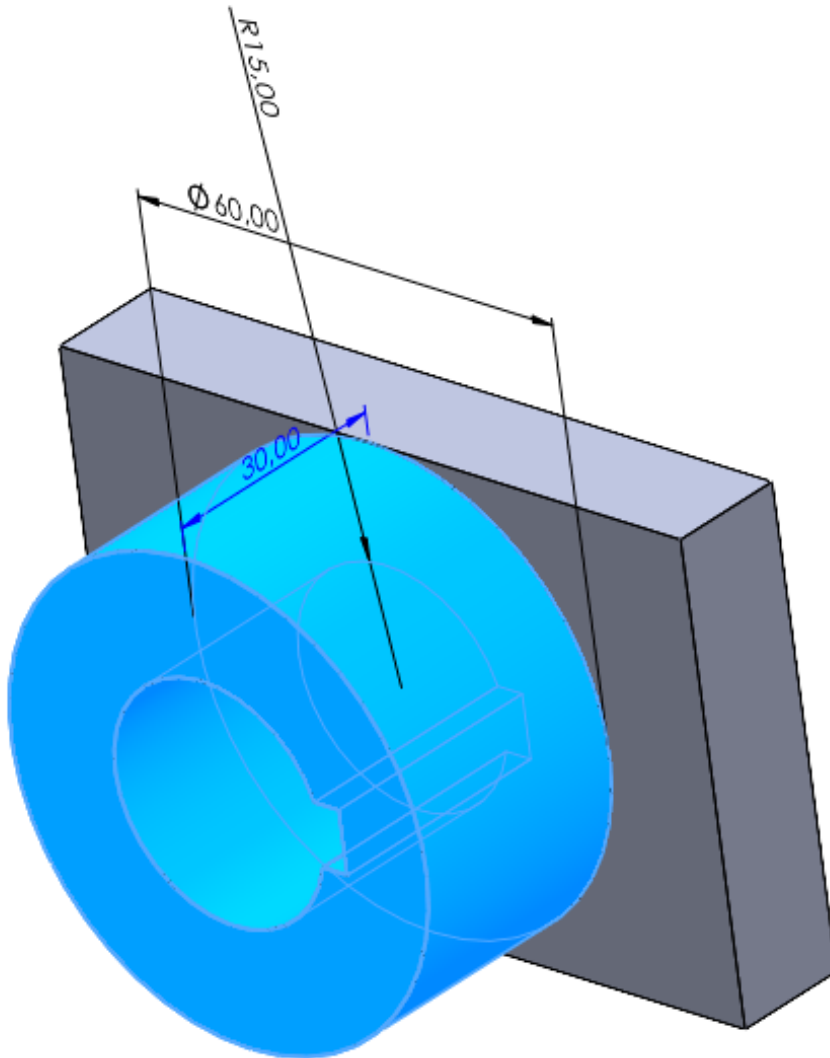
Osnova praktické části:

1. pin body
2. cross coupling
3. pin
4. ring
5. cotter pin
6. assembly

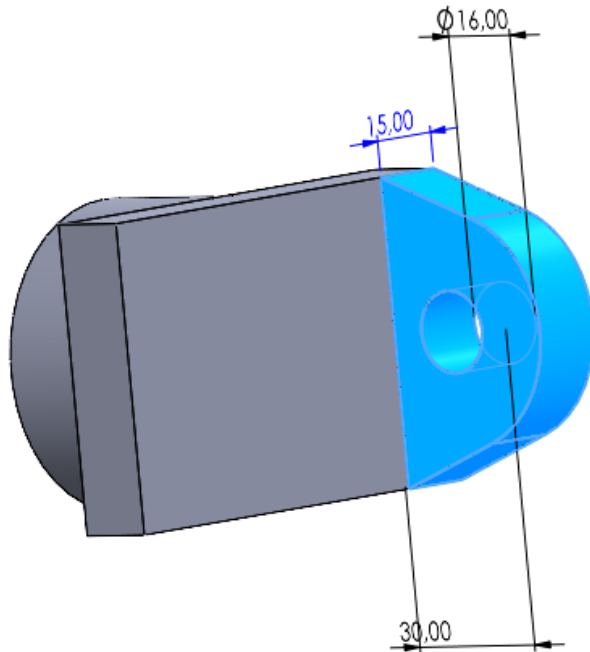
1.1 Back for the pin body. Draw a rectangle sketch and extrude the base.



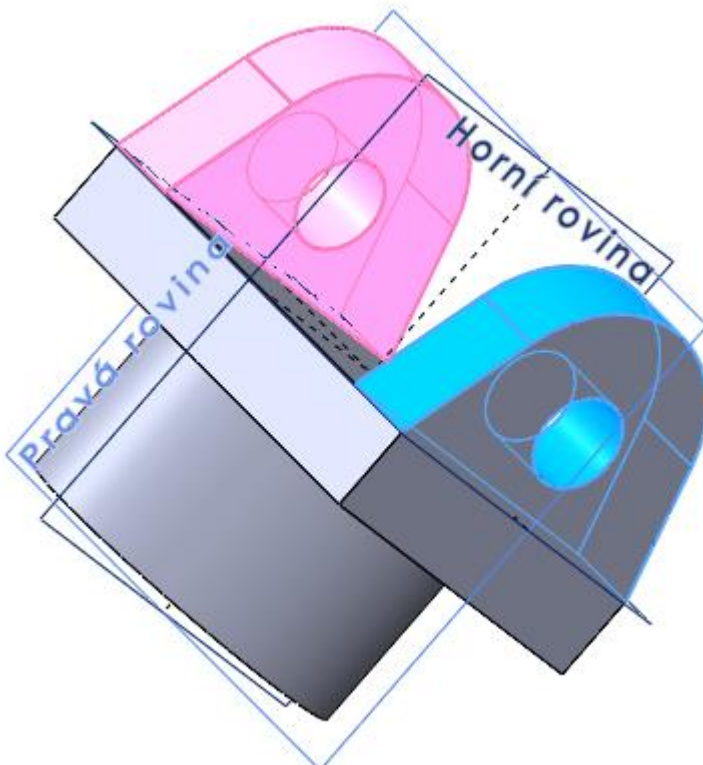
1.2 Draw a sketch for the connection part of the attachment. First, draw concentric circles. Subsequently, an arresting cutout using mirroring. Using the scraps, remove the part of the circle that remains at the locking cutout.



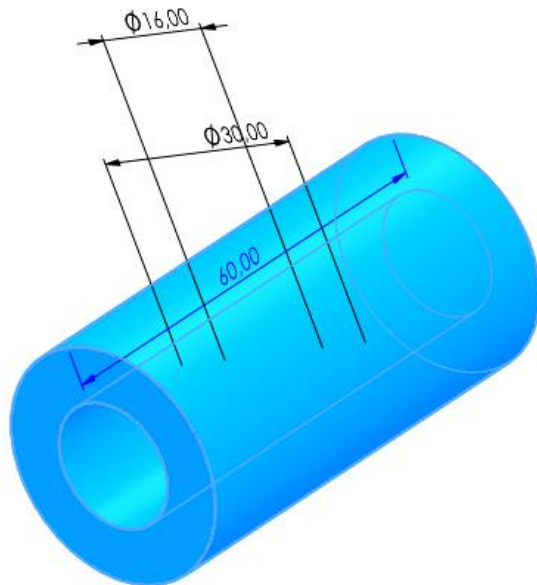
1.3 Draw a sketch for the cross coupling connection element. First draw the concentric circles and then connect the outer circle to the corner of the existing feature. Don't forget to close the sketch.



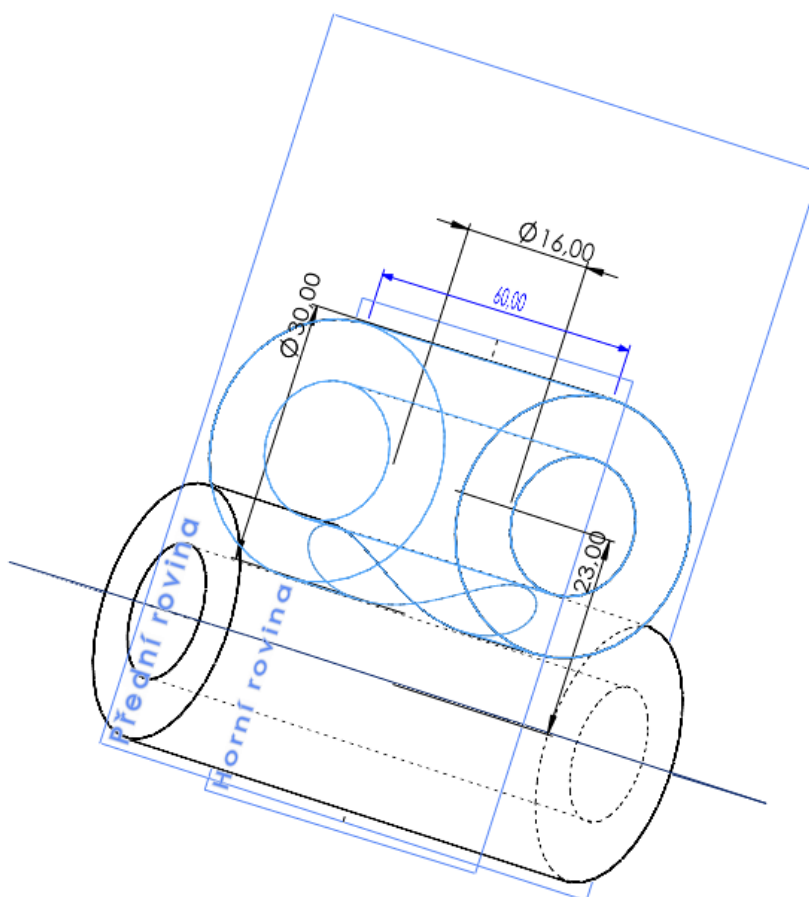
1.4 By mirroring, add the element to the other side of the stud body as well.



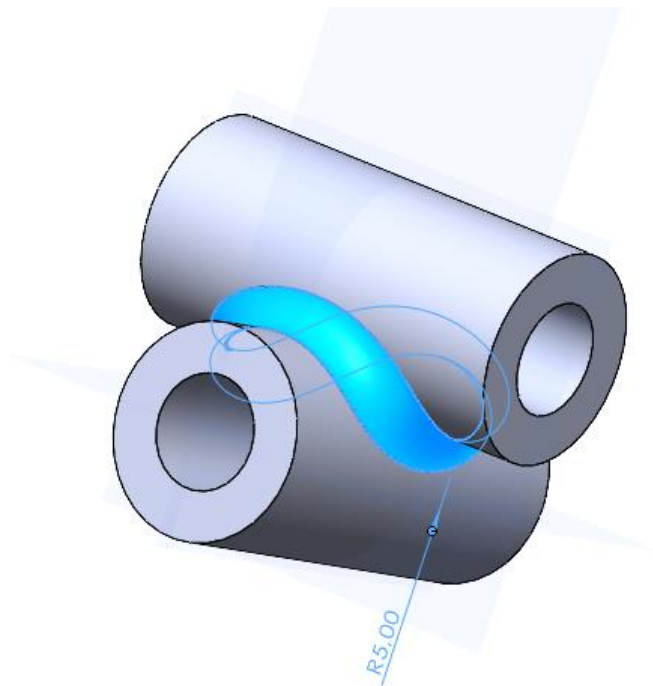
2.1 Draw two concentric circles and add by extruding.



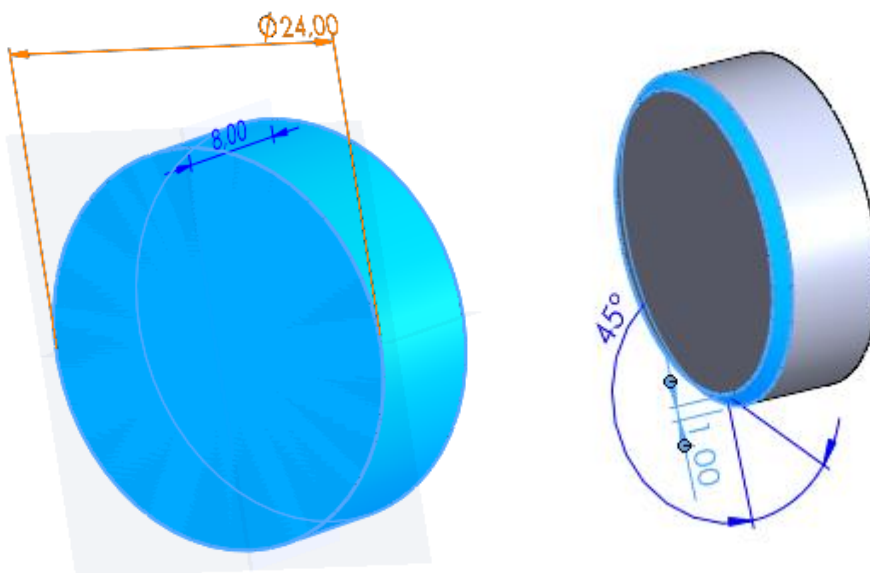
2.2 create a congruent hollow cylinder in a plane perpendicular to the cylinder surface.



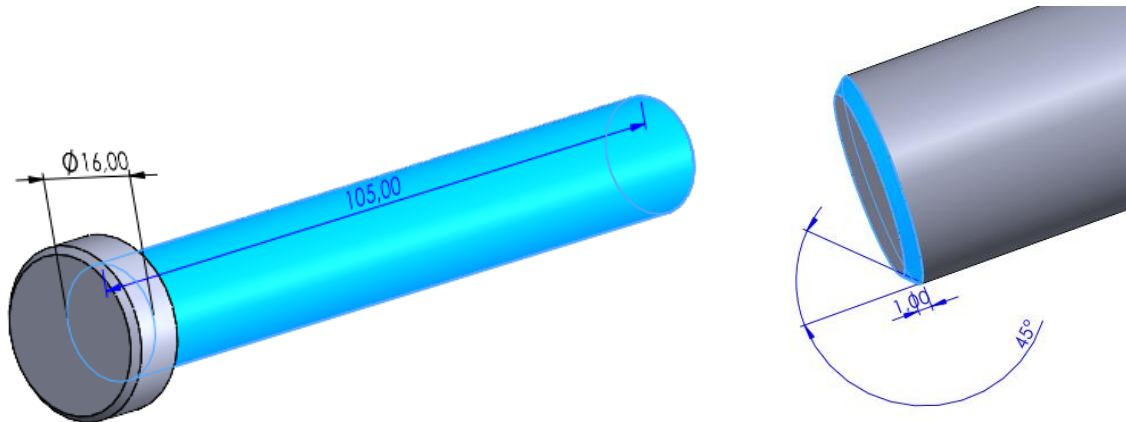
2.3 filet the weld between the cylinders.



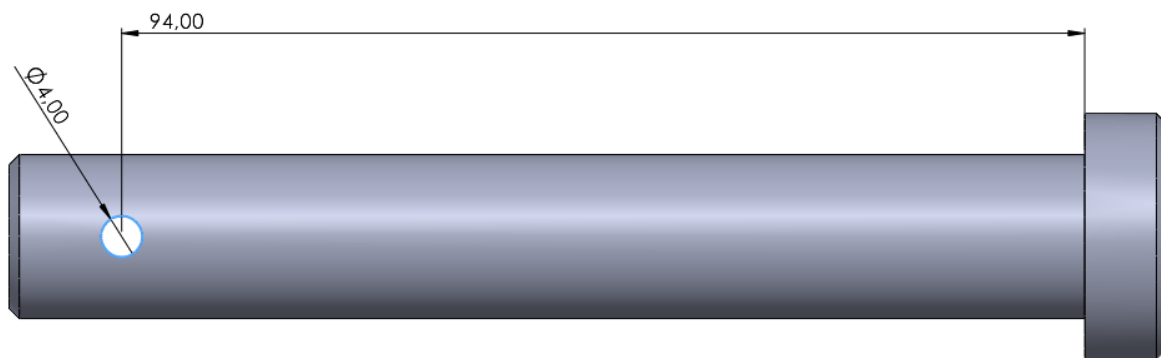
3.1 Create a cylinder and chamfer the edges of one of its bases.



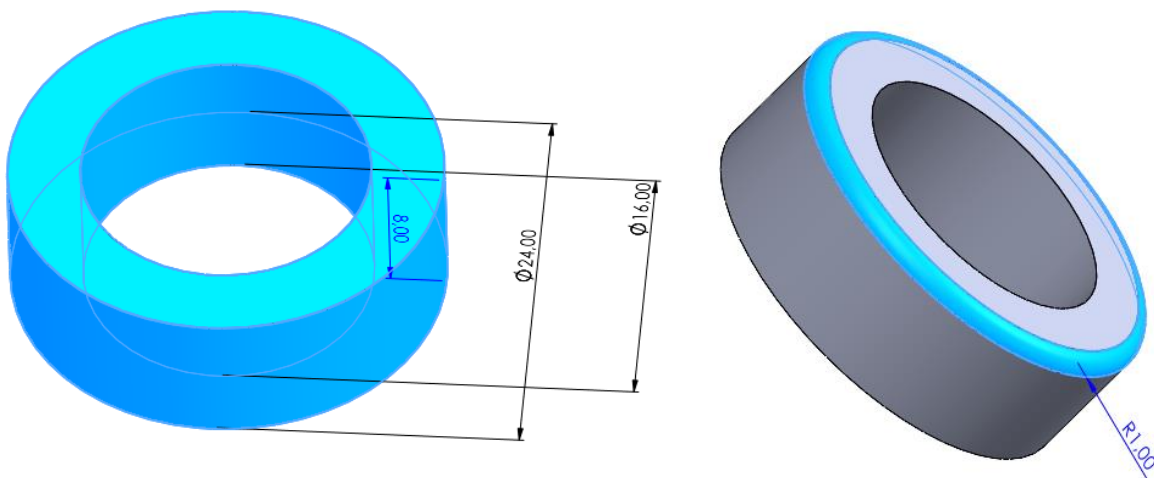
3.2 On the non-bevel side of the cylinder, draw a circle sketch and add by extruding. Bevel the end of the extended cylinder.



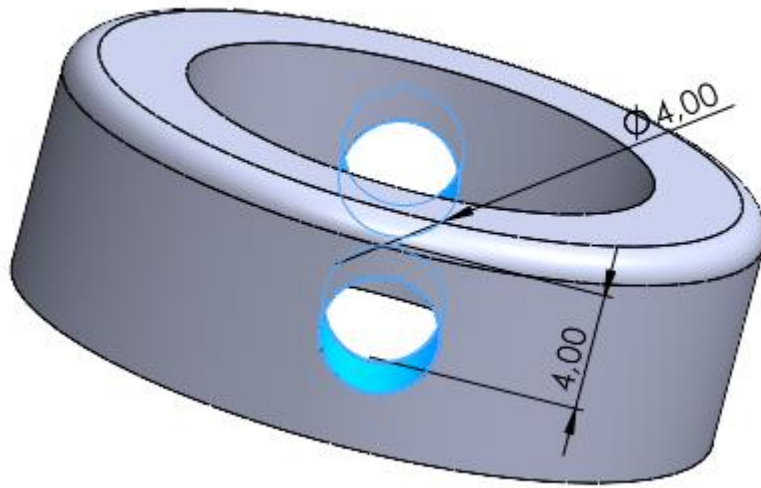
3.3 On the axis of the cylinder, insert a hole for locking with a cotter pin.



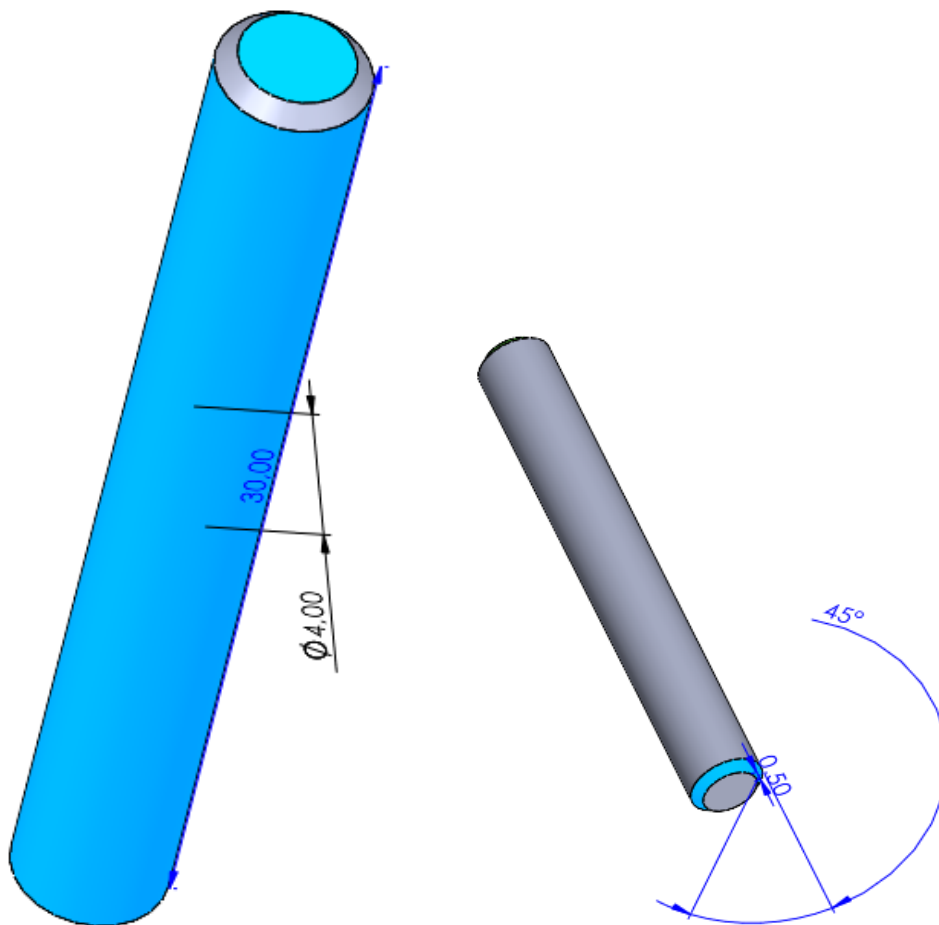
4.1 Draw a sketch of two concentric circles and add by extruding. Filet one edge.



4.2 make a hole for locking with a cotter pin.



5.1 Draw a simple cotter pin - only as a cylindrical rod.



6.1 Separate the individual elements by color and insert the elements into the assembly (insert all elements except the cross twice). TIP: For some joints, change the display style to display only edges.

