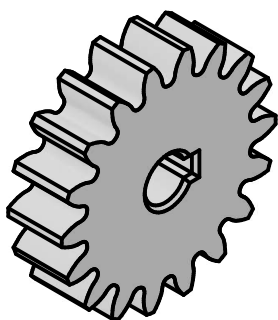
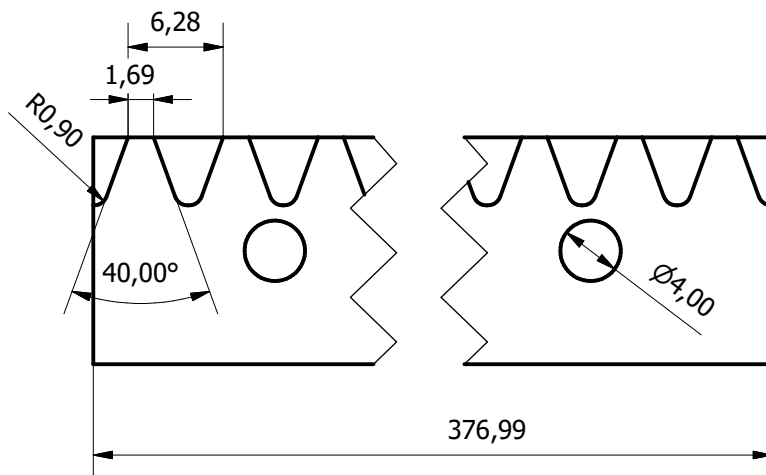
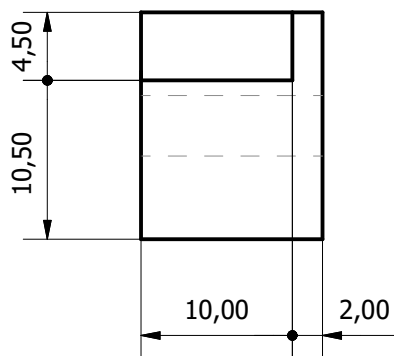
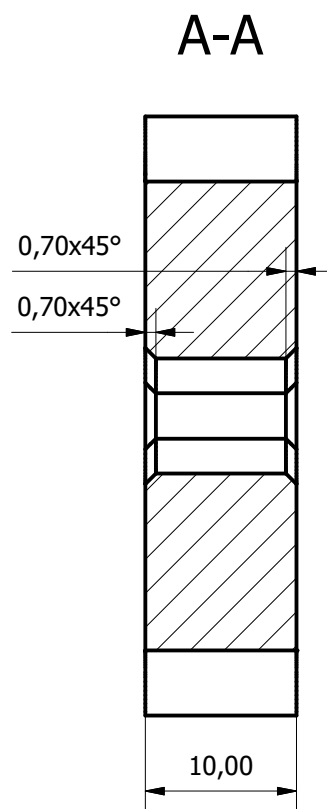
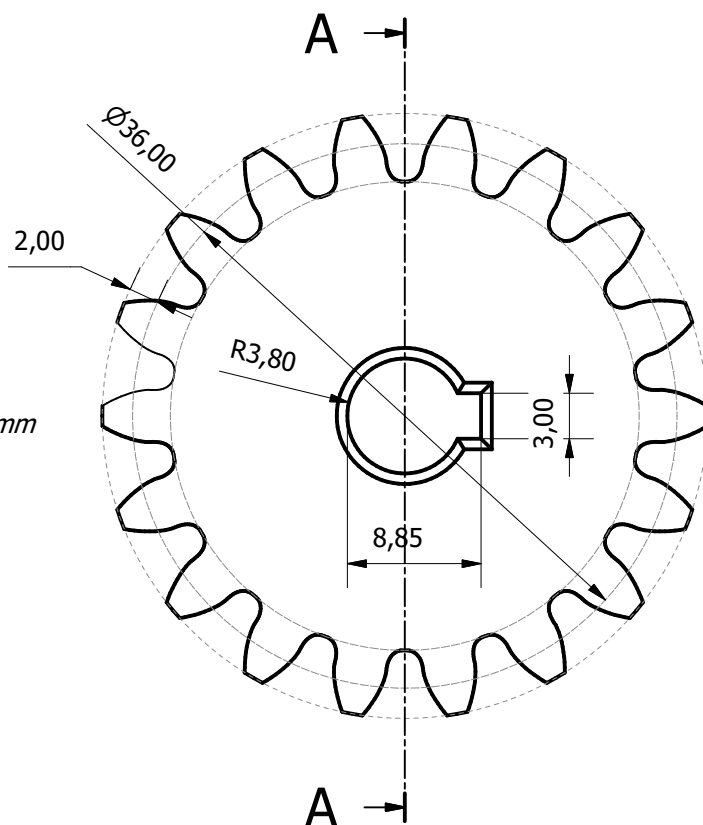


Rack, profile has been developed with modulus  $m = 2\text{mm}$ . The length of the rack is variable and depends on the number of teeth that the 3D printer can fit in it's plate.  
Drawing in scale 2:1



Gear with modulus  $m = 2\text{mm}$  and  $z = 18$  teeth.  
Drawing in scale 2:1



Designed by  
Bontempelli Elia, Dalle Vedove Matteo, Rizzardi Alessandro, Zambotti Beatrice

Date  
20/08/2022

Università degli Studi di Trento  
Department of Industrial Engineering

Rack and Gear Final Drawing

Mechanical Design for Mechatronics - Project

Sheet  
1 / 1