# Gears Task 2 – Cone gear wheel and crown wheel gear

## Construction task



Fig. 2 Cone gear wheel

Build the gearing mechanism shown in the image. Toothed gears that meet at a right angle (90°) and interlock with one another are called cone gear wheels.

## Topic question

Observe the output axle and turn the crank. Which of the axles (input/output) turns faster? Why?

## Experimental task

1. Try to build another “90°gearing mechanism” using the gear components from the set without cone gears wheels.

2. Describe your construction. Observe the output axle and turn the crank. Which of the axles (input/output) turns faster? Why?