

Product Name :
Supplementary Set Gear Wheel**Product Code :**
ALABS-A169-029**Description :****Supplementary Set Gear Wheel**

Supplementary set Gear Wheel extends the scope of experiments which can be performed with Fundamentals of static: transmission ratio of the revolutions and moments on a single-stage and multi-speed gear mechanism and the influence of the intermediate wheels on the direction of rotation. A rack is used to demonstrate the conversation of rotation into linear motion and vice versa. The base element is an aluminium rail which can be mounted on the panel of Fundamentals of static . The various elements of the experiment are clearly laid-out and held securely on a tray. Multiple trays can be stacked as a space-saving storage option.

Specification:

1. Supplementary set for experimental unit Fundamentals of static.
2. Experiments with single-speed and multi-speed toothed gearing mechanisms
3. Aluminium spur wheels with ball bearing mounts
4. Quick assembly of the elements

5. Deflection roller, mounting rail and gear wheels made of anodised aluminium

6. Tray for the components

Technical Data:

Aluminium spur gears

- modulus: $m=2\text{mm}$
- number of teeth: $z=20, 25, 30, 40, 50, 60$
- ball bearing gear wheel mounts, secured by thrust pads to grooved pins

Rack

- modulus: $m=2\text{mm}$
- length: $l=300\text{mm}$

Mounting rail anodised aluminium

- LxWxH: 760x30x30mm



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