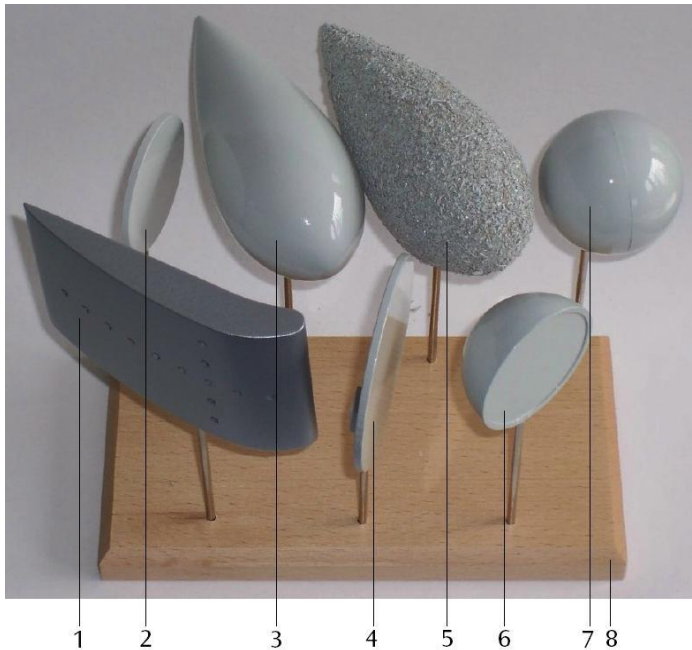


Set of bodies for experiments on lift and drag 1000760

Instruction sheet

09/15 DML



- 1 Wing surface
- 2 Disc, small
- 3 Streamlined body, smooth
- 4 Disc, large
- 5 Streamlined body, rough
- 6 Hemispherical body
- 7 Spherical body
- 8 Storage board

1. Description

The set of bodies for experiments on lift and drag consists of seven bodies of different shapes, mounted for storage on a wooden board. In conjunction with the air jet 1000606 or 1000605 and the component balance 1000761, this set is used for measuring the lift and drag forces of different bodies in an air-flow.

2. Scope of delivery

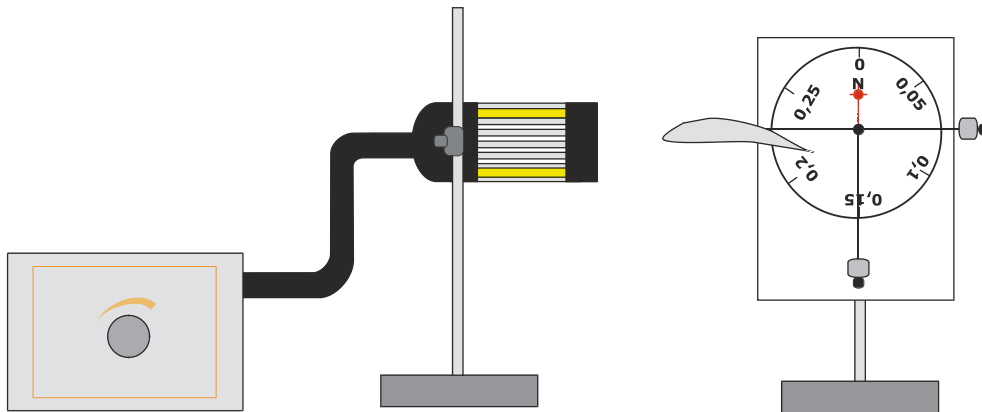
- 1 Streamlined body, smooth
- 1 Streamlined body, rough
- 1 Spherical body
- 1 Hemispherical body
- 1 Disc, small
- 1 Disc, large
- 1 Wing surface
- 1 Storage board

3. Technical data

Streamlined body, smooth:	Plastic, length: 120 mm
Streamlined body, rough:	Plastic, length: 120 mm
Spherical body:	Plastic, 50 mm Ø
Hemispherical body:	Plastic, 48 mm
Disc, small:	Plastic, 47 mm Ø
Disc, large:	Plastic, 70 mm Ø
Wing surface:	Wood, length: 150 mm
Mounting stems:	Metal, 80 mm x 3 mm Ø
Storage board:	180 x 100 x 10 mm ³

4. Sample experiments

4.1 Measure the lift acting on a wing surface



4.2 Measure the drag acting on a disc

