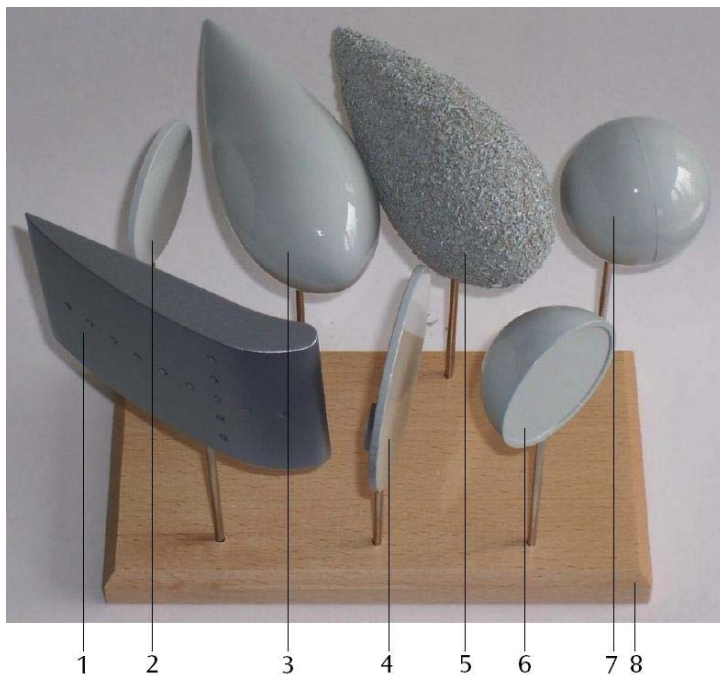


Set of bodies for experiments on lift and drag 8404260

Instruction sheet

08/06/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 8404250 and the component balance 8404261, this set is used for measuring the lift and drag forces of different bodies in an airflow.

2. Scope of delivery

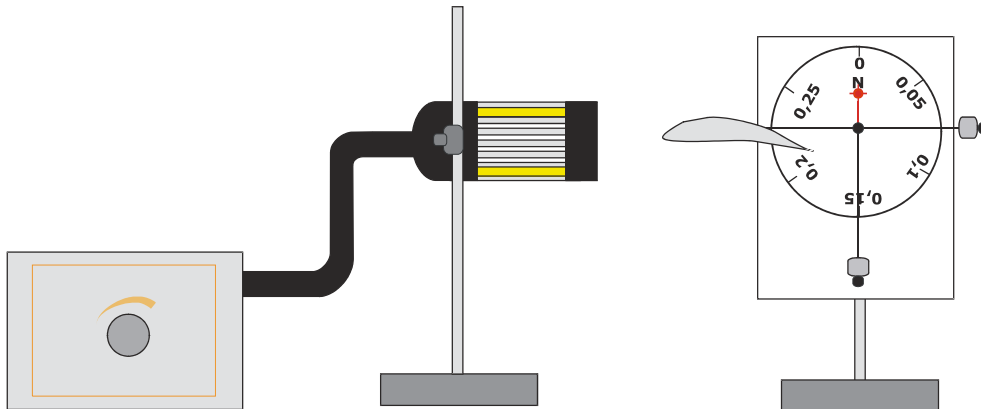
- 1 Streamlined body, smooth
- 1 Streamlined body, rough
- 1 Spherical body
- 1 Hemispherical body
- 1 Disc, small
- 1 Disc, large
- 1 Wing surface
- 1 Storage board

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

