

# HM 162.44

## Sill



### Learning objectives/experiments

- behaviour of open channel flow at a reduction of flow cross-section

### Specification

- [1] sill for experimental flume HM 162
- [2] sill with sealing lips
- [3] removable assembly aids

### Technical data

Inclination of inlet/ outlet element:  
approx. 15°

Material: PVC

LxWxH: 1020x304x70mm

Weight: approx. 10kg

### Scope of delivery

- 1 sill
- 1 set of accessories
- 1 manual

### Description

#### ■ reduction of the flow cross-section in a flume

Sills are used to reduce the flume slope to decrease erosion processes at the flume bottom. Usually, they are designed as a step downstream. Fish ladders are often made of small sills. Bridge pier foundations may have the same effects as a sill.

Sills cause a reduction of the flow cross-section.

The behaviour of open channel flow at a reduction of the flow cross-section can be observed using the sill HM 162.44.

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## Sill

Required accessories

HM 162                    Experimental flume 309x450mm