HM 161.44
Sill

The illustration shows a similar unit.

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 161.44.

Learning objectives/experiments

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

Specification

[1] sill for experimental flume HM 161
[2] sill with sealing lips
[3] removable assembly aids

Technical data

Inclination of inlet/outlet element: approx. 20°

Material: PVC

LxWxH: 1720x600x130mm
Weight: approx. 27kg

Scope of delivery

1 sill
1 set of accessories
1 manual