



Technical data sheet

Drainage heavy-duty double slot channel Gemini Magna



Manufacturer

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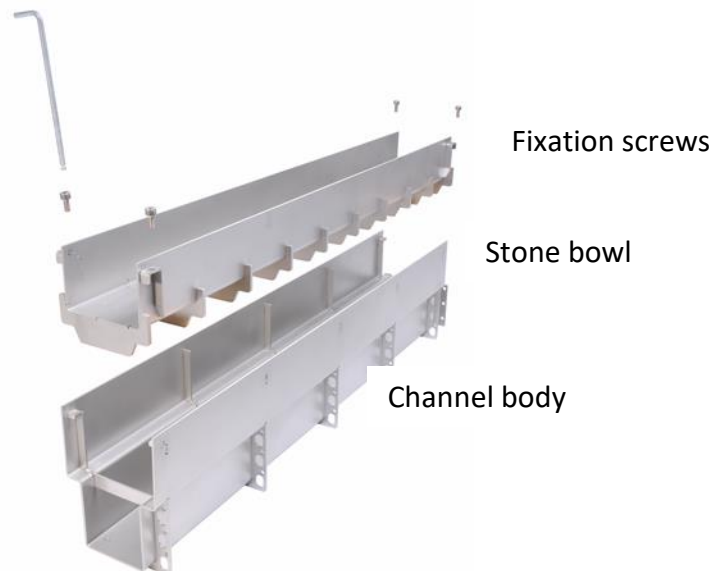


Product description

The drainage heavy-duty double slot channel Gemini Magna is a box channel for line drainage for heavy-duty applications (*class D400*). The load is transferred via the channel body, which is embedded in a concrete foundation. Concrete anchors are provided at the factory.

The channel is available in stainless steel (V2A) and hot-dip galvanised steel. The material thickness for both materials is 3.0 mm.

The channel consists of a channel body and the insertable stone tray. The stone shell is screwed to the channel body.



External dimensions

Nominal dimension	Total width	Slots	Total height	Stone width
DN 100	153 mm	2 x 12 mm	205 mm	113 mm
DN 150	203 mm	2 x 12 mm	255 mm	163 mm

Other dimensions are possible on request.

Materials used:

We use only European material from Germany, Sweden, France and Italy for our drainage channels.

Material specification channel body and stone tray

Stainless steel V2A (1.4301) or hot-dip galvanised sheet steel



Material thickness: 3.0 mm based on load class D400

Important notes

The channel body with the concrete anchors must be set in a concrete foundation.

The installation must be permanently 2-3 mm below the adjacent surface.

The drainage channel must be completely enclosed in concrete.

Our installation and usage instructions apply, as well as the regulations mentioned there and our installation instructions.

Accessories

The following accessories can be supplied (*both in stainless steel V2A and in hot-dip galvanised steel*):

- ends
- connector
- removal hook for removing the stone bowl

Processing and care instructions:

The drainage channels must also be laid in accordance with the waterproofing manufacturer's specifications (*e.g. bitumen manufacturer, sheeting manufacturer, etc.*) if necessary, and precautionary measures e.g. construction protection mats must be laid.

The gutters can be cut to size. However, it must be ensured that the cutting medium (*e.g. saw blade, cutting disc, etc.*) is absolutely clean or does not contain any components of other metals, as otherwise corrosion may occur.

Dust particles of other metals or general cutting of components with flying sparks on the product are generally to be avoided. If dust particles or soiling of other metals are present, these must be removed immediately with appropriate cleaning agents.

Cleaning the slots must not be done with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner. The gutters can be flushed from the cisterns using a hose with a flushing head.



If the gutter is used under canopies or roofing, it should be checked regularly for contamination and flushed as necessary, as only a little water is drained away and more deposits occur.

Further installation & usage instructions as well as information on the material can be found under:

<https://www.richard-brink.de/downloads/gesamtuebersicht.html>