



## Technical data sheet

# Heavy duty gully grating Hydra Linearis 7 x 7 mm



## Manufacturer

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### **Product description**

The Hydra Linearis 7 x 7 mm gully bar grating is a cover grating for a heavy-duty drainage gully.

A concealed grate lock is already fitted at the factory.

The grate is supplied in stainless steel (V2A).

### **Load class**

The gully bar grating 7 x 7 mm Hydra Linearis is designed in accordance with load class D400 (*trafficable*).

### **Dimensions**

<u>Inlet dimension</u>	<u>Grate dimensions</u>	<u>Height</u>	<u>Bar thickness</u>
257 x 257 mm	249 x 249 mm	20 mm	7 x 7 mm

Special sizes are possible on customer request.

### **Slip resistance**

The slip resistance of the grates corresponds to slip rating class R10.

### **Material specification**

Stainless steel V2A (1.4301).



## **Clear mesh size**

The requirements of the German Social Accident Insurance (*DGVU-Information 208-007 Gratings - Selection and Operation*) are met. The clear mesh width must not exceed 10 mm to ensure safe walking and driving on.

## **Materials used**

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

## **Processing and care instructions**

The grates 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, otherwise corrosion may occur. All interfaces (hot-dip galvanised steel) must be cold re-galvanised. In general, we recommend custom-made products ex works, as these are properly galvanised afterwards.

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.

The grates must not be cleaned with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner.

Further installation & usage instructions as well as information on the material can be found at:  
<https://www.richard-brink.de/downloads/gesamtuebersicht.html>