



## Street gullies and gratings

The biggest provider of sewage casting for construction of new Czech highways  
**The biggest Czech producer of sewage casting**

**KASI**

## Dear customers,

We offer you comprehensive range of street gully products including gully gratings made of natural materials (concrete, grey casting, ductile casting and stainless steel). Complete product range allows you to build street gully exactly according to your request meeting standards for concrete parts ČSN EN 1917 and gully grating ČSN EN124-2.

We call your attention especially to EUROPA gully gratings, which are designed and produced so that basic versions reach all properties necessary for long-term and trouble-free use even in extreme conditions.

Thanks to Structural funds of European union we built modern and environmentally friendly production of grey and ductile casting in Frýdlant nad Ostravicí. In conjunction with fully automatic machining shop and street gullies concrete parts production in Přelouč it provides constant high-quality of supplied products.

We thank to all our customers for their confidence. We hope that you will enjoy our products and that they will bring a long-term use to end users.

**Ing. Stanislav Ulm**  
KASI CEO

## Summary of gratings for street gullies

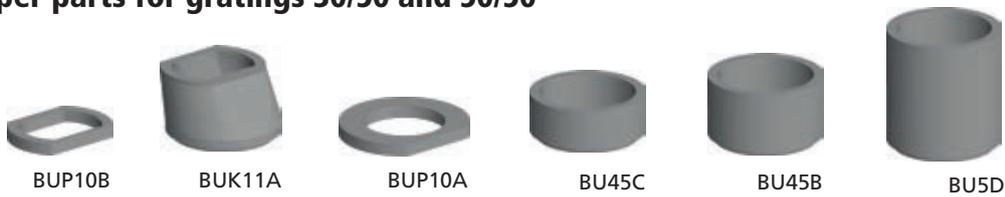
Gully gratings for street gullies are in accordance with construction regulations ČSN EN 124. Class „D” gratings are used in traffic lanes, parking, store and other areas, where trucks can drive over gratings. Class „C” gratings are installed in the immediate vicinity of the curb with max 0,5m interference in the lane. Gully gratings EUROPA – The best European standard for excellent prices!

D400				C250		E600
EUROPA				EUROPA		EUROPA
						
KM12	KM12P	KM14	KM14P	KM13	KM17	
EUROPA				EUROPA		EUROPA
						
KM15	KM15P	KM62P	KM65P	KM13P	KM17P	
						
KM11RD	KM01	KM05	KM29	KM02	KM67P	
EUROPA						
						
KM39	KM18P	KM23	KM33	KM04		
						
KM38		KM21	KM22	KM03		

# Summary of concrete gully component parts

Gully parts are in accordance with DIN 4052 standard. There are other products extending our production programme (e.g. 1E – through flow bottom or 3D – connecting part with DN 200 outlet) or there are products modified for assembly simplification and quality improvement of gullies to PVC pipes connection. Gullies are made of C35/45 concrete.

## ► Upper parts for gratings 30/50 and 50/50



## ► Center parts



## ► Connecting parts for gullies with sediment trap



## ► Bottom parts for gullies



## ► Sewage buckets



## ► Gratings and sewage buckets for yard inlets



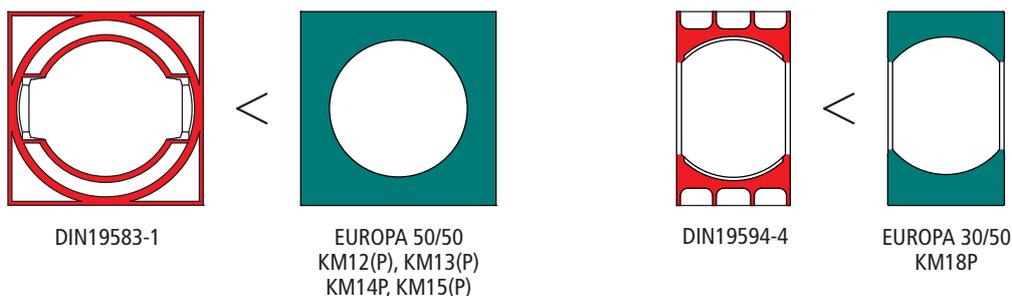
# Principles kept during projection and producing of gully gratings

## 1. Continuing of current product line

KASI company still produces well-established gully gratings product line in accordance with German DIN standards (e.g. KM01 in accordance with DIN 19583 9/13). Basic gully components are conformable to products in accordance with DIN 4052.

New types of gratings projected by KASI company and named EUROPA have always clear opening higher than standard gratings from DIN, so that gratings always have higher absorption capacity than old types. That means there is no need to change current software for calculation of areas and roads drainage.

## 2. Maximalization of contact surface between grating frame and its underlay



Gratings EUROPA 50/50 KM12(P), KM13(P), KM14P, KM15(P)	1 484 cm <sup>2</sup>	
Gratings EUROPA 30/50 KM18P	674 cm <sup>2</sup>	
Standard frame DIN 19583-9 50/50	1 480 cm <sup>2</sup>	
Standard frame DIN 19583-1 50/50	610 cm <sup>2</sup>	(41 % of Europa gratings)
Standard frame DIN 19594-4 30/50	281 cm <sup>2</sup>	(42 % of Europa gratings)

Other producers of grey iron gratings have contact surface between frame and underlay even lesser (in some cases this surface is only 25% compared with EUROPA products). That means using exactly the same installation method results in up to four times higher pressure on levelling mortar compared to using of EUROPA gratings.

Thanks to small contact surface and continual drive-overs the levelling mortar becomes crushed and the frame falls in under the road level. Afterwards the frame becomes deformed and this results in grating knocking and increasing of grating jumping-out hazard. We know by experience that construction works during grating installation are problematic, therefore it is better to avoid this problem by improving the grating structural design and decreasing the frame pressure on the underlay.

## 3. Integrated sealing between frame and grating



All EUROPA gratings in basic version include sealing made of PUR resistant to salts, common de-icing materials and accidental oil materials pollution. Large sealing surface (e.g. grating KM12 – 298 cm<sup>2</sup>) guarantees long operating life with no need of exchange! This design provides noiseless functioning during whole operating life.

## 4. Anti-theft grating design



Due to increasing metal waste redemption price there is also an increase of gully grating theft. KASI company recommends gratings with hinges, which create an undismountable connection between the frame and the grating after installation into the road. This design provides opening possibility, but it prevents from removing the grating out of the frame.

## 5. Standard products



Standard products are produced continuously and are shipped from our warehouse stock. For you this means simplified availability. Other products are produced after ordering.

## 6. Quality ensuring

All products from this catalogue are produced in Central Europe. 100% of produced quantity is manufactured in our plants. Thanks to this we undertake full quality guarantee for products shipped from our workplace in Přelouč.

Concrete items are produced with fully automatic lines using C35/45 concrete according to EN206 resistant to salts and de-icing materials in XF4 class. Casting elements are produced only in foundry in Frýdlant nad Ostravicí.

Both workshops have their own test rooms and are both under supervision of testing institutes TZÚS Prague, BVFS Salzburg, LGA Nuremberg and TSÚS Bratislava.

# NEW gully gratings **Europa**

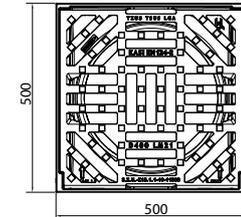
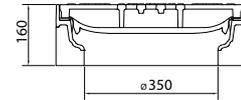
Suitable for multi-directional locations.

## Gully grating KM21P EUROPA D400 flat50/50



- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM21 EN124-2 D400**
- ▶ Weight: **71 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inlet surface: **940 cm<sup>2</sup>**

Order code: **KM21P**

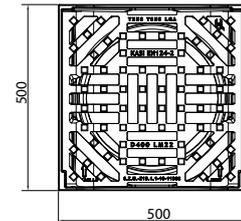
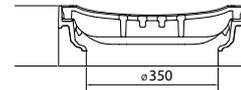


## Gully grating KM22P EUROPA D400 concave 50/50

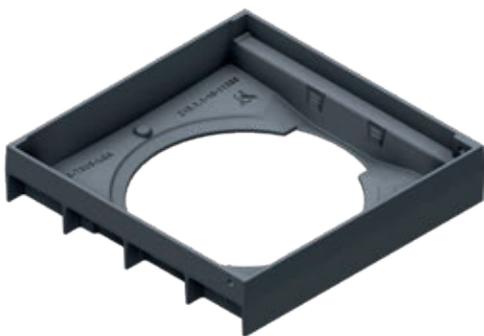


- ▶ Frame: **LMR15 EN124-2 D400**
- ▶ Grating: **LM22 EN124-2 D400**
- ▶ Weight: **70 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inlet surface: **940 cm<sup>2</sup>**

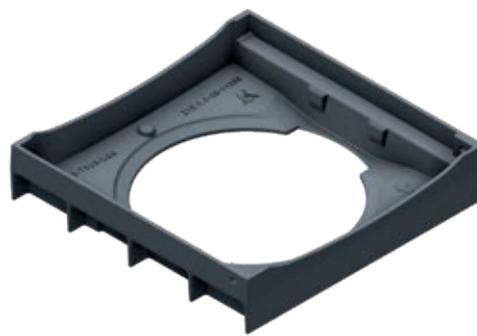
Order code: **KM22P**



## NEW casting frames for **Europa** gratings



**LMR12 flat frame**

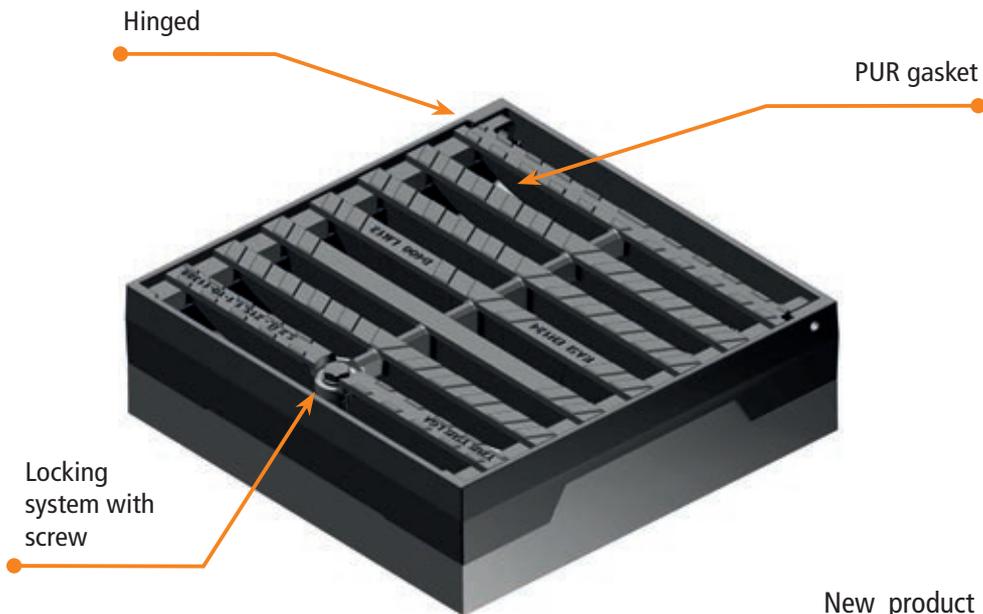


**LMR15 concave frame**

- ▶ Suitable for all Europa gratings
- ▶ Construction height 10cm, EN124-2, PUR gasket
- ▶ Frame weight 18 kg
- ▶ Order code: **KM\*\*L** and **KM\*\*LP**



# New gulley gratings with screw lock **Europa**



New product line of gulley gratings with screw lock system is suitable for heavy traffic locations. Also it increases anti-theft protection.

## Gulley grating KM62P EUROPA D400 flat 50/50 with locking



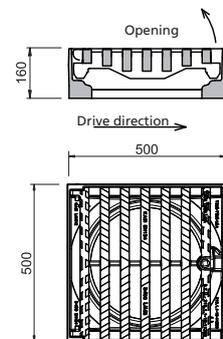
**Europa**

- ▶ Frame:
- ▶ Grating:
- ▶ Weight:
- ▶ Packing:
- ▶ Inflow opening:
- ▶ Ribs distance:

**LMR12 EN124-2 D400**  
**LM62 EN124-2 D400**  
**68 kg**  
**16 pcs/pal**  
**1 300 cm<sup>2</sup>**  
**35 mm**

Order code:

**KM62P**



## Gulley grating KM65P EUROPA D400 curved 50/50 with locking



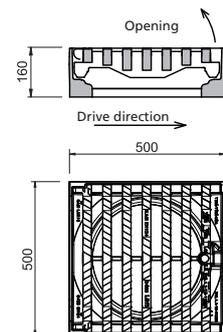
**Europa**

- ▶ Frame:
- ▶ Grating:
- ▶ Weight:
- ▶ Packing:
- ▶ Inflow opening:
- ▶ Ribs distance:

**LMR15 EN124-2 D400**  
**LM65 EN124-2 D400**  
**68 kg**  
**16 pcs/pal**  
**1 300 cm<sup>2</sup>**  
**35 mm**

Order code:

**KM65P**



# Gratings for street gullies D400

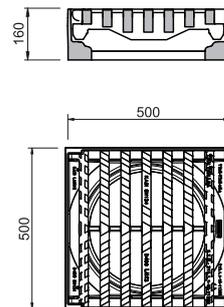
## Gulley grating KM12-EUROPA D400 flat 50/50



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM12 EN124-2 D400**
- ▶ Weight: **68 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 300 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM12**



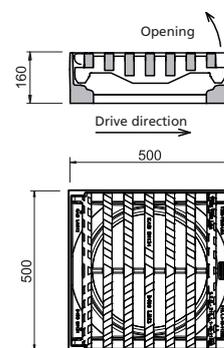
## Gulley grating KM12P-EUROPA D400 flat 50/50 with hinges



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM12 EN124-2 D400**
- ▶ Weight: **68 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 300 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM12P**



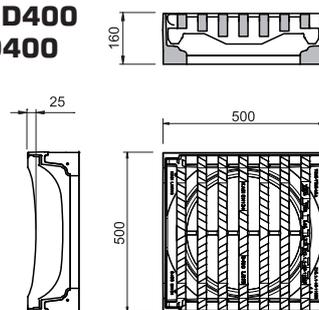
## Gulley grating KM15-EUROPA D400 curved 50/50



**Europa**

- ▶ Frame: **LMR15 EN124-2 D400**
- ▶ Grating: **LM15 EN124-2 D400**
- ▶ Weight: **68 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 305 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM15**



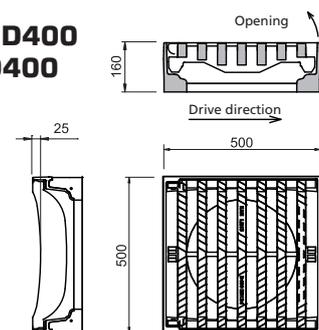
## Gulley grating KM15P-EUROPA D400 curved 50/50 with hinges



**Europa**

- ▶ Frame: **LMR15 EN124-2 D400**
- ▶ Grating: **LM15 EN124-2 D400**
- ▶ Weight: **68 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 305 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM15P**



# Gratings for street gullies D400

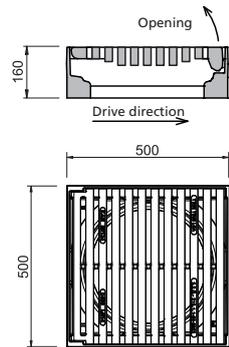
## Gulley grating KM14-EUROPA D400 flat 50/50



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM14 EN124-2 D400**
- ▶ Weight: **70 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **870 cm<sup>2</sup>**
- ▶ Ribs distance: **16 mm**

Order code: **KM14**



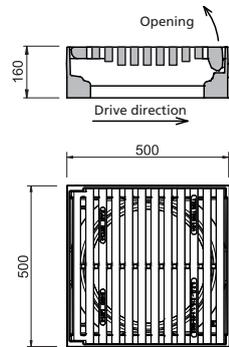
## Gulley grating KM14P-EUROPA D400 flat 50/50 with hinges



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM14 EN124-2 D400**
- ▶ Weight: **70 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **870 cm<sup>2</sup>**
- ▶ Ribs distance: **16 mm**

Order code: **KM14P**



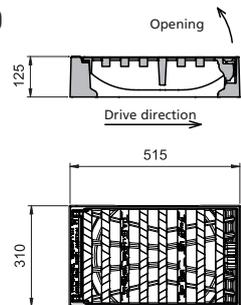
## Gulley grating KM18P-EUROPA D400 flat 30/50 with hinges



**Europa**

- ▶ Frame: **LMR18 EN124-2 D400**
- ▶ Grating: **LM18 EN124-2 D400**
- ▶ Weight: **37 kg**
- ▶ Packing: **24 pcs/pal**
- ▶ Inflow opening: **610 cm<sup>2</sup>**
- ▶ Ribs distance: **34 mm**

Order code: **KM18P**

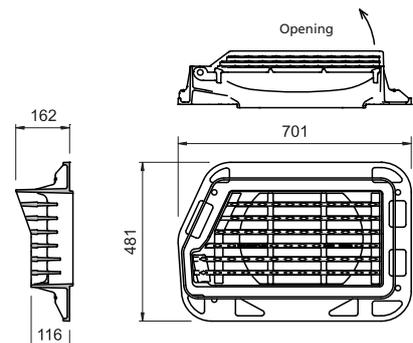


## Gulley grating KM11RD D400 for direct installation into the Curb King



- ▶ Frame: **LMR11RD**
- ▶ Grating: **LM11RD**
- ▶ Weight: **50 kg**
- ▶ Packing: **20 pcs/pal**
- ▶ Inflow opening: **833 cm<sup>2</sup>**

Order code: **KM11RD**



KM14

KM14P

KM18P

KM11RD

# Gratings for street gullies D400

KM01

KML01

KM29

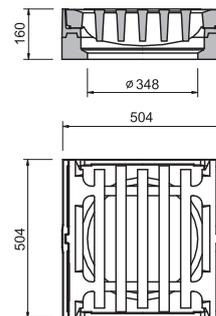
KM39

## Gulley grating KM01 D400 flat 50/50



- ▶ Frame: **DIN 19583-9**
- ▶ Grating: **DIN 19583-13**
- ▶ Weight: **105 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **910 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KM01**

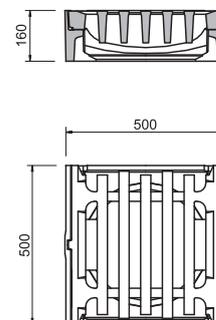


## Gulley grating KML01 D400 flat 50/50



- ▶ Frame: **DIN 19583-1**
- ▶ Grating: **DIN 19583-13**
- ▶ Weight: **109 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **910 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KML01**

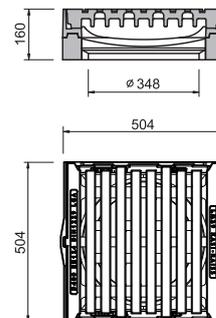


## Gulley grating KM29 D400 flat 50/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **105 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **610 cm<sup>2</sup>**
- ▶ Ribs distance: **16 mm**

Order code: **KM29**

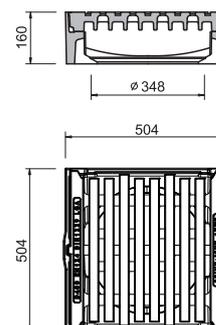


## Gulley grating KM39 D400 flat 50/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **107 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **610 cm<sup>2</sup>**
- ▶ Ribs distance: **16 mm**

Order code: **KM39**



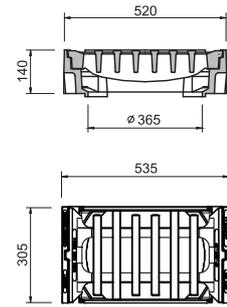
# Gratings for street gullies D400

## Gulley grating KM23 D400 flat 30/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **60 kg**
- ▶ Packing: **24 pcs/pal**
- ▶ Inflow opening: **558 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KM23**

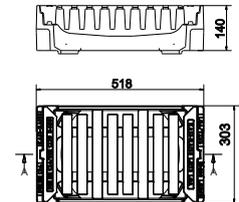


## Gulley grating KM33 D400 flat 30/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **60 kg**
- ▶ Packing: **24 pcs/pal**
- ▶ Inflow opening: **375 cm<sup>2</sup>**
- ▶ Ribs distance: **16 mm**

Order code: **KM33**

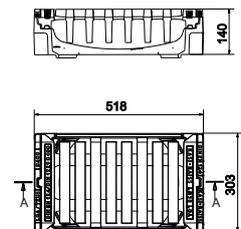


## Gulley grating KM38 D400 curved 30/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **62 kg**
- ▶ Packing: **24 pcs/pal**
- ▶ Inflow opening: **470 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KM38**



# Gratings for street gullies C250

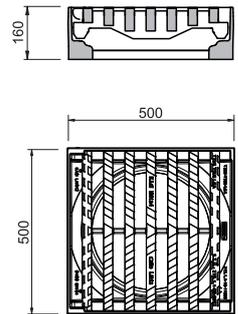
## Gulley grating KM13-EUROPA C250 flat 50/50



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM13 EN124-2 D400**
- ▶ Weight: **65 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 310 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM13**



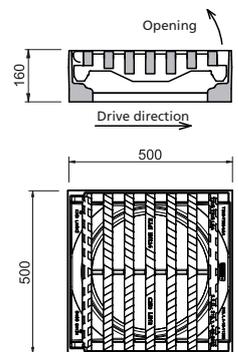
## Gulley grating KM13P-EUROPA C250 flat 50/50 with hinges



**Europa**

- ▶ Frame: **LMR12 EN124-2 D400**
- ▶ Grating: **LM13 EN124-2 C250**
- ▶ Weight: **65 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **1 310 cm<sup>2</sup>**
- ▶ Ribs distance: **35 mm**

Order code: **KM13P**

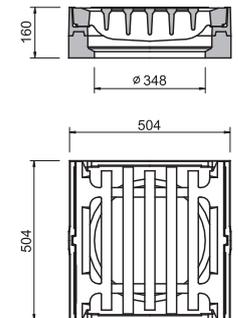


## Gulley grating KM02 C250 flat 50/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 1229**
- ▶ Weight: **93 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **910 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KM02**

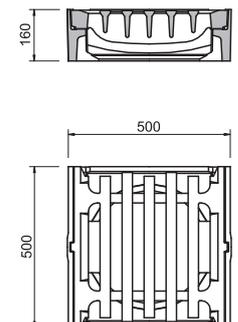


## Gulley grating KML02 C250 flat 50/50



- ▶ Frame: **DIN EN124-2**
- ▶ Grating: **DIN 12291**
- ▶ Weight: **98 kg**
- ▶ Packing: **16 pcs/pal**
- ▶ Inflow opening: **910 cm<sup>2</sup>**
- ▶ Ribs distance: **36 mm**

Order code: **KML02**

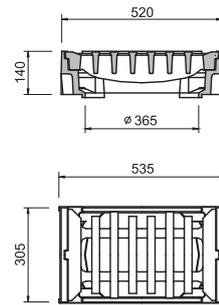


# Gratings for street gullies C250, E600

## Gulley grating KM03 C250 flat 30/50



- ▶ Frame: **DIN EN124-2**
  - ▶ Grating: **DIN 1229**
  - ▶ Weight: **62 kg**
  - ▶ Packing: **24 pcs/pal**
  - ▶ Inflow opening: **470 cm<sup>2</sup>**
  - ▶ Ribs distance: **36 mm**
- Order code: **KM03**

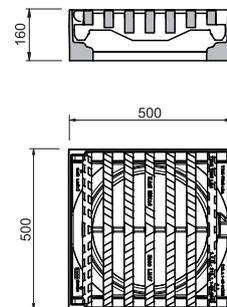


## Gulley grating KM17-EUROPA E600 flat 50/50



**Europa**

- ▶ Frame: **LMR12 EN124-2 E600**
  - ▶ Grating: **LM17 EN124-2 E600**
  - ▶ Weight: **75 kg**
  - ▶ Packing: **16 pcs/pal**
  - ▶ Inflow opening: **1 300 cm<sup>2</sup>**
  - ▶ Ribs distance: **35 mm**
- Order code: **KM17**

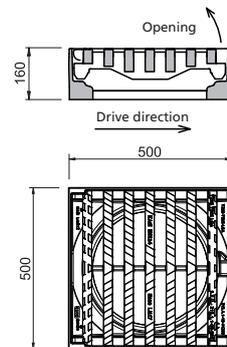


## Gulley grating KM17P-EUROPA E600 flat 50/50 with hinges



**Europa**

- ▶ Frame: **LMR12 EN124-2 E600**
  - ▶ Grating: **LM17 EN124-2 E600**
  - ▶ Weight: **75 kg**
  - ▶ Packing: **16 ks/pal**
  - ▶ Inflow opening: **1 300 cm<sup>2</sup>**
  - ▶ Ribs distance: **35 mm**
- Order code: **KM17P**

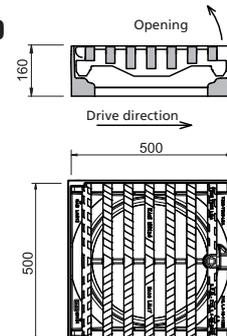


## Gulley grating KM67P-EUROPA E600 flat 50/50 with locking



**Europa**

- ▶ Frame: **LMR12 EN124-2 E600**
  - ▶ Grating: **LM67 EN124-2 E600**
  - ▶ Weight: **75 kg**
  - ▶ Packing: **16 ks/pal**
  - ▶ Inflow opening: **1 300 cm<sup>2</sup>**
  - ▶ Ribs distance: **35 mm**
- Order code: **KM67P**



# Sewage buckets

UB1

UA4V

UD1

UC3

## Sewage bucket low B1 according to DIN 4052 for gratings 50/50



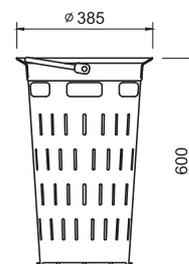
- ▶ Order code: **UB1**
- ▶ Weight: **2,5 kg**
- ▶ Packing: **60 pcs/pal**



## Sewage bucket high A4 according to DIN 4052 for gratings 50/50



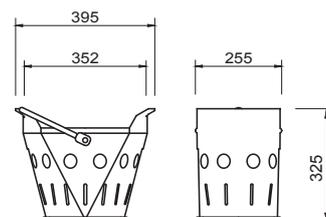
- ▶ Order code: **UA4V**
- ▶ Weight: **4 kg**
- ▶ Packing: **36 pcs/pal**



## Sewage bucket low D1 according to DIN 4052 for gratings 30/50 and KM11RD



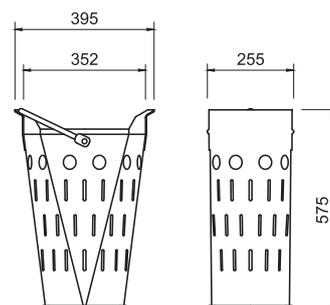
- ▶ Order code: **UD1**
- ▶ Weight: **3 kg**
- ▶ Packing: **52 pcs/pal**



## Sewage bucket high C3 according to DIN 4052 for gratings 30/50 and KM11RD



- ▶ Order code: **UC3**
- ▶ Weight: **4 kg**
- ▶ Packing: **40 pcs/pal**

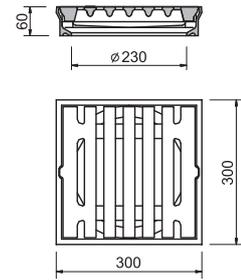


# Frames and sewage buckets for yard gullies

## Gulley grating KMA DIN 19590 1/4 A15 30/30/6



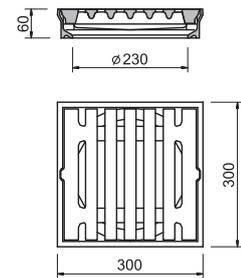
- ▶ Order code: **KMA**
- ▶ Weight: **12,5 kg**
- ▶ Packing: **72 pcs/pal**
- ▶ Inflow opening: **265 cm<sup>2</sup>**



## Gulley grating KMBN EN124-2 B125 30/30/6



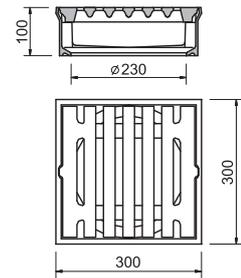
- ▶ Order code: **KMBN**
- ▶ Weight: **12,5 kg**
- ▶ Packing: **72 pcs/pal**
- ▶ Inflow opening: **265 cm<sup>2</sup>**



## Gulley grating KMB EN124-2 B125 30/30/10



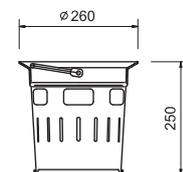
- ▶ Order code: **KMB**
- ▶ Weight: **14 kg**
- ▶ Packing: **72 pcs/pal**
- ▶ Inflow opening: **265 cm<sup>2</sup>**



## Sewage bucket low K according to DIN 1236 for gratings 30/30



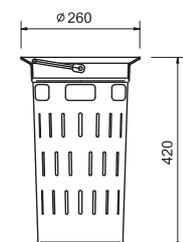
- ▶ Order code: **UK**
- ▶ Weight: **2 kg**
- ▶ Packing: **100 pcs/pal**



## Sewage bucket high L according to DIN 1236 for gratings 30/30



- ▶ Order code: **UL**
- ▶ Weight: **2,5 kg**
- ▶ Packing: **60 pcs/pal**



# Modifications of concrete gulley parts and their special use

After consultation and ordering we are able to modificate standard concrete products, e.g.:

- insertion of liners for different types of pipeline
- insertion of plastic stink traps of different types than mentioned in catalogue
- drilling of other inlet holes, e.g. for drainage or side inflow

Street gulley concrete parts can be used also for other purposes:

- control manholes for rain water sewers
- small reservoirs for water pumping
- permanent shuttering e.g. for installation of public lighting columns

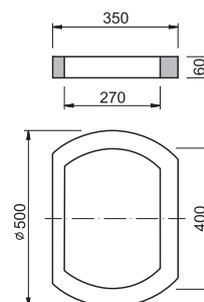
Contact us, our team is ready to help you and cooperate in other nonstandard solutions.

## Upper components for gulley gratings 30/50

### Compensatory ring BUP10B under gratings 30/50



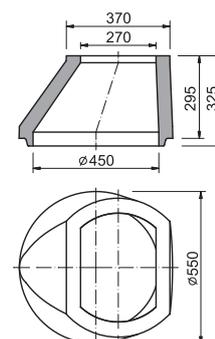
- ▶ Order code: **BUP10B**
- ▶ Weight: **8,5 kg**
- ▶ Packing: **50 pcs/pal**



### Reducing component BUK11A under gratings 30/50



- ▶ Order code: **BUK11A**
- ▶ Weight: **60 kg**
- ▶ Packing: **12 pcs/pal**

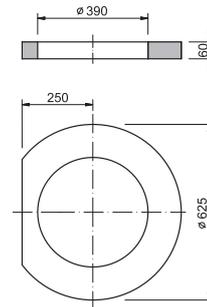


# Upper components for gully gratings 50/50

## Compensatory ring BUP10A under gratings 50/50 and KM11RD



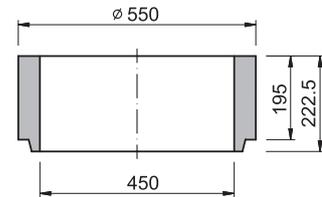
- ▶ Order code: **BUP10A**
- ▶ Weight: **23 kg**
- ▶ Packing: **15 pcs/pal**



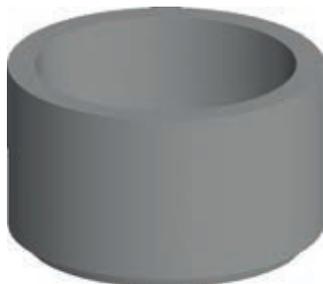
## Upper shaft ring BU45C 20cm under gratings 50/50



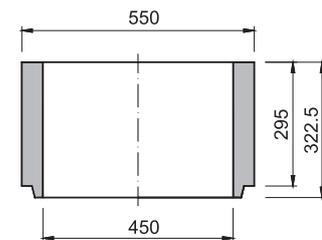
- ▶ Order code: **BU45C**
- ▶ Weight: **38 kg**
- ▶ Packing: **20 pcs/pal**



## Upper shaft ring BU45C 20cm under gratings 50/50



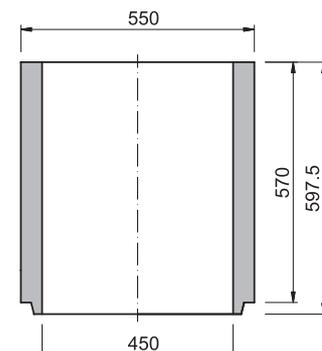
- ▶ Order code: **BU45B**
- ▶ Weight: **57 kg**
- ▶ Packing: **16 pcs/pal**



## Upper shaft ring BU5D 57cm under gratings 50/50



- ▶ Order code: **BU5D**
- ▶ Weight: **105 kg**
- ▶ Packing: **8 pcs/pal**

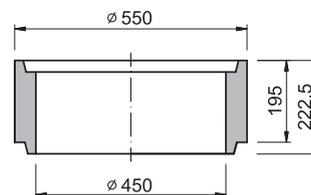


## Center parts

### Middle shaft ring BU46B building height 20 cm



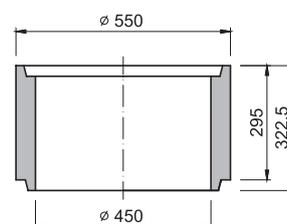
- ▶ Order code: **BU46B**
- ▶ Weight: **38 kg**
- ▶ Packing: **24 pcs/pal**



### Middle shaft ring BU46A building height 30 cm



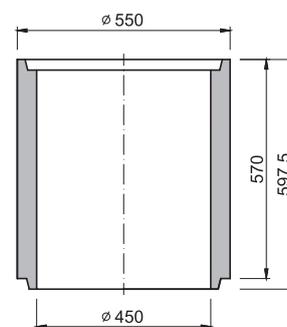
- ▶ Order code: **BU46A**
- ▶ Weight: **58 kg**
- ▶ Packing: **16 pcs/pal**



### Middle shaft ring BU6D building height 57 cm



- ▶ Order code: **BU6D**
- ▶ Weight: **105 kg**
- ▶ Packing: **8 pcs/pal**

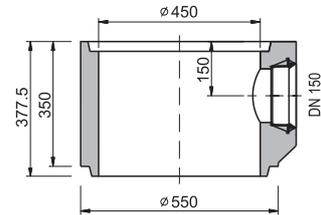


# Gullies with the sediment trap – connecting components

## Connecting component BU3AP with the liner KG160



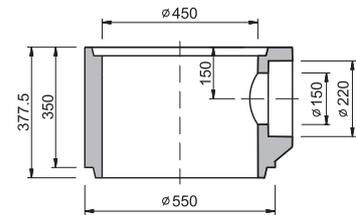
- ▶ Order code: **BU3AP**
- ▶ Weight: **75 kg**
- ▶ Packing: **16 pcs/pal**



## Connecting component BU3A universal DN 150 without the liner



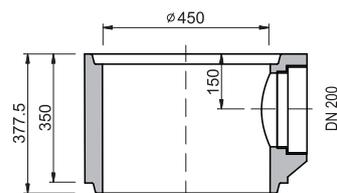
- ▶ Order code: **BU3A**
- ▶ Weight: **73 kg**
- ▶ Packing: **16 pcs/pal**



## Connecting component BU3A20P with the liner for KG200



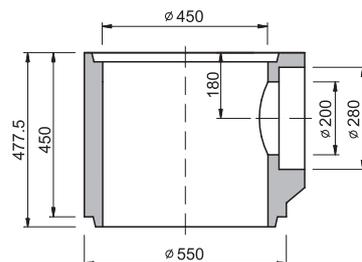
- ▶ Order code: **BU3A20P**
- ▶ Weight: **68 kg**
- ▶ Packing: **16 pcs/pal**



## Connecting component BU43D universal DN 200 without the liner



- ▶ Order code: **BU43D**
- ▶ Weight: **103 kg**
- ▶ Packing: **8 pcs/pal**

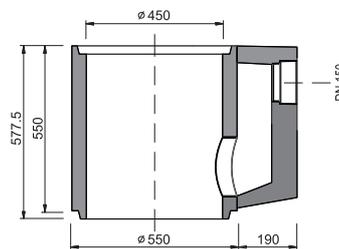


# Gullies with the sediment trap – gulley traps and the bottom

## Connecting component BU3S15P with the stink trap KG160



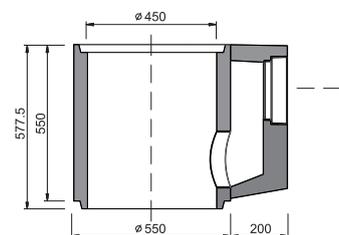
- ▶ Order code: **BU3S15P**
- ▶ Weight: **175 kg**
- ▶ Packing: **2 pcs/pal**



## Connecting component BU3S20P with the stink trap KG200



- ▶ Order code: **BU3S20P**
- ▶ Weight: **195 kg**
- ▶ Packing: **2 pcs/pal**

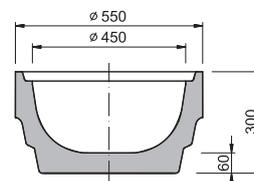


# Gullies with the sediment trap – bottom part

## Bottom component BU42A for gulley with the sediment trap



- ▶ Order code: **BU42A**
- ▶ Weight: **69 kg**
- ▶ Packing: **16 pcs/pal**

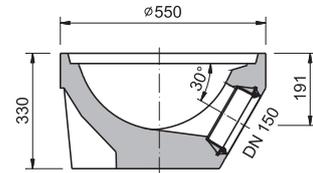


# Gullies without the sediment trap–bottom outlet components

## Bottom component BU41AP with the liner for KG 160



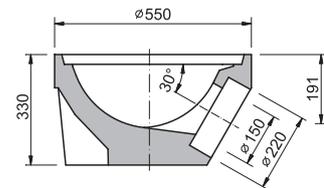
- ▶ Order code: **BU41AP**
- ▶ Weight: **83 kg**
- ▶ Packing: **16 pcs/pal**



## Bottom component BU41A universal DN 150 without the liner



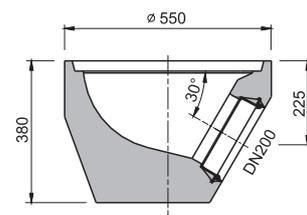
- ▶ Order code: **BU41A**
- ▶ Weight: **78 kg**
- ▶ Packing: **16 pcs/pal**



## Bottom component BU41DP with the liner for KG 200



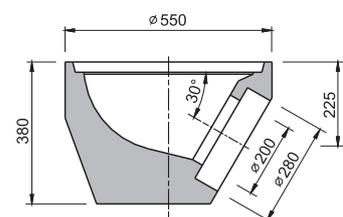
- ▶ Order code: **BU41DP**
- ▶ Weight: **101 kg**
- ▶ Packing: **12 pcs/pal**



## Bottom component BU41D universal DN 200 without the liner



- ▶ Order code: **BU41D**
- ▶ Weight: **96 kg**
- ▶ Packing: **12 pcs/pal**



# Street gullies design and configuration examples

Design of gully is affected by 5 main factors:

1. Construction with or without the sediment trap
2. Connected type of the pipeline for water outlet
3. Used adapter – gully grating
4. Gully building height
5. The stink trap

**1.** Gullies without the sediment trap should include the sewage bucket in the grating frame. There are BU41.. parts in different designs intended for the outlet.

Gullies with the sediment trap do not include the sewage bucket and must be cleaned using suction unit. Parts BU42 – bottom with the sediment trap and BU3A.., BU43D – connection part in different designs are intended for these gullies.

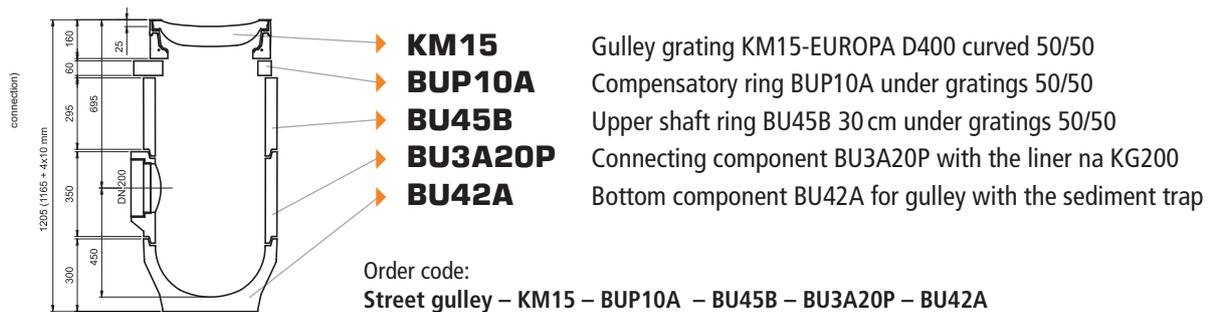
**2.** Outlet is created with the transition liner for different pipelines or universal collar.

**3.** Selected grating affects upper gully parts selection. There are upper centerings BU45C, BU45B, BU5D and levelling ring BUP10A designed for gratings 50/50 (e.g. KM12) and KM11RD. There are transition part BUK11A and levelling ring BUP10B designed for gratings 30/50 (KM18P and KM03).

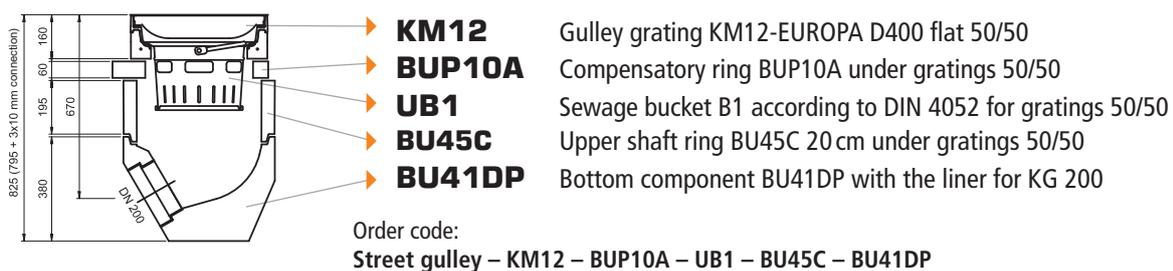
**4.** There are intended middle centerings BU46A, BU46B and BU6D for increase of the building height.

**5.** We do not recommend the use of stink traps because of the silting and malfunction during periods with less precipitation, when there is the most intensive stink due to unwatered sewages.

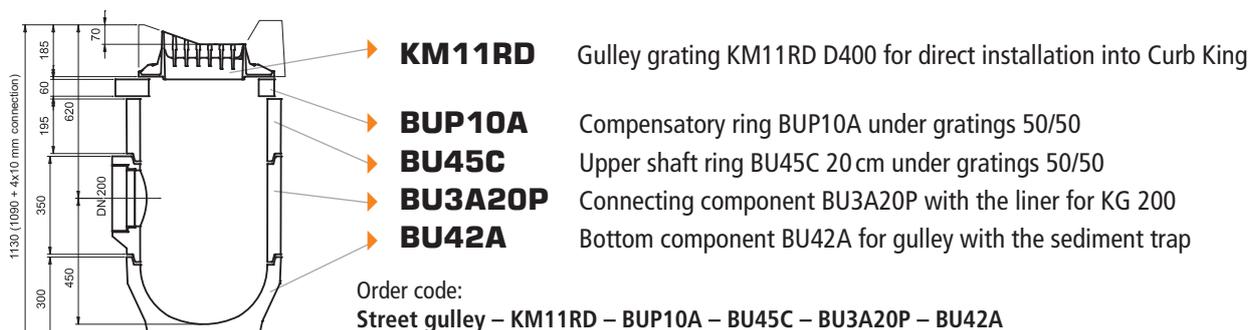
## Gully with the sediment trap and curved grating 50/50



## Gully without the sediment trap with the grating 50/50



## Gully for the monolithic trough Curb King





# KASI

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