



KMB STEEL PRODUCT®
SINCE 2009

INDIVIDUAL SOLUTIONS OF STAINLESS STEEL

MANUFACTURER OF STAINLESS STEEL PRODUCTS

OUR PRODUCTS ARE THE FUTURE OF ARCHITECTURE



PRODUCT CATALOG 2021



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KMB STEEL PRODUCT ®

SINCE 2009



Our products are the future of architecture

SINCE 2009

CONTENTS

INTRODUCTION

About Company	1
Offer	5

FLOOR DRAINS

Installation	11
PRO FLOOR DRAINS - professional - KP	12
Vertical, 1- module - V1	15-16
Horizontal, 1- module - H1	17-18
Vertical, 2- modules - V2	19
Horizontal, 2- modules - H2	20

SMART FLOOR DRAINS - semi-prof - KS

Vertical, 1- module - V1	24
--------------------------	----

MINI FLOOR DRAINS- economical - KM

Vertical, 1- module - V1	28-31
Horizontal, 1- module - H1	32-35
Vertical, 2- modules - V2	36-37
Horizontal, 2- modules - H2	38-39

ANTI-ODOR COVERS

LINEAR DRAINS - CHANNELS

INDUSTRIAL CHANNELS- KMB IndustrialDRAINS	47
Installation	50
SLOT CHANNELS - KMB SlotDRAINS	51

RODDING EYES & MANHOLE COVERS

RODDING EYES - KMB roddingEYES

RP - with full cover	57
RPW - for filling	58
RPO - with full cover, circle	59

MANHOLE COVERS - KMB manholeCOVERS

PRO RP - stainless steel, with full cover	61
PRO RPW - stainless steel, for filling	62
PRO RPZ - stainless steel, with full cover, do zbiorników przemysłowych	63
PRO RPS with hydraulic cylinders - stainless steel	64
ALU BASIC - aluminum, for filling	65
ALU BASIC with hydraulic cylinder - aluminum, with full cover	66
ALU LIGHT - new series - aluminum, for filling	67
ALU MEDIUM - new series- aluminum, for filling	68
ALU MEDIUM - new series - aluminum, with full cover	69
ALU MAXI - new series - aluminum, for filling	70
PR - rodding eyes covers - alternative to manhole - stainless steel	71

SPECIAL SOLUTIONS

RAIN-TIGHT DRAINS - PS

RODDING EYES DRAINS - WRU



OUR PRODUCTS ARE THE FUTURE OF ARCHITECTURE



BUSINESS PROFILE

KMB Steel Product® is a producer and supplier of stainless and acid-resistant steel products. Our offer includes, above all, point drainage defined as drainage grates or floor drains as well as linear drains and manholes - inspection flaps and panel searches.

KMB BRAND

The name KMB itself is the acronym of the first letters of the surname and first names of the company's founder, which emphasizes indefinite guarantee of good name and reputation of the quality of products by the Owner and a guarantee of the services provided. In 2019 - i.e. the year of our Jubilee of activity, we patented our trademark to seal our many years of activity and so that we are the only ones under Polish law to use the name KMB Steel Product.

HISTORY OF COMPANY

The company KMB Steel Product® was founded on July 1, 2009 in Cracow by Maciej Bartłomiej Kaczor - an engineer who many years ago was passionate about materials science and stainless steel itself.

Therefore, following in the footsteps of their ancestors - their father and grandfather, who also dealt with stainless steel and ores - Maciej Kaczor started his business activity related to metal processing and stainless steel production 10 years ago and thus became a continuator of skills, work and development workshop of their relatives and protoplasts.

The history of KMB Steel Product® allows you to remind about the family heritage passed over the years, and even mentioning it with reference to it makes us one of the most reliable brands in the stainless steel industry.



“

Our products are
the future of architecture,
and we make every effort,
that tomorrow will be the best.
Thank you for years of trust
and invite you to further cooperation.

Maciej Kaczor
CEO

MISSION

In accordance with the principle of *INDIVIDUAL SOLUTIONS OF STAINLESS STEEL*, the individual approach is to be the same for customers - flexible and professional, so that our contractors receive high-quality products always in accordance with the agreed delivery dates.

ADVANTAGES OF KMB PRODUCTS

Our products are distinguished above all by good quality at a reasonable price. The constant development of technology and quality improvement, production with the benefit of the environment, fast delivery and good price of goods - all this makes our products very popular.

OUR VALUES

The basic values that we consistently follow are:

- tradition, knowledge and practical experience
- innovation, development of production technology
- individual approach to client
- honesty and professionalism

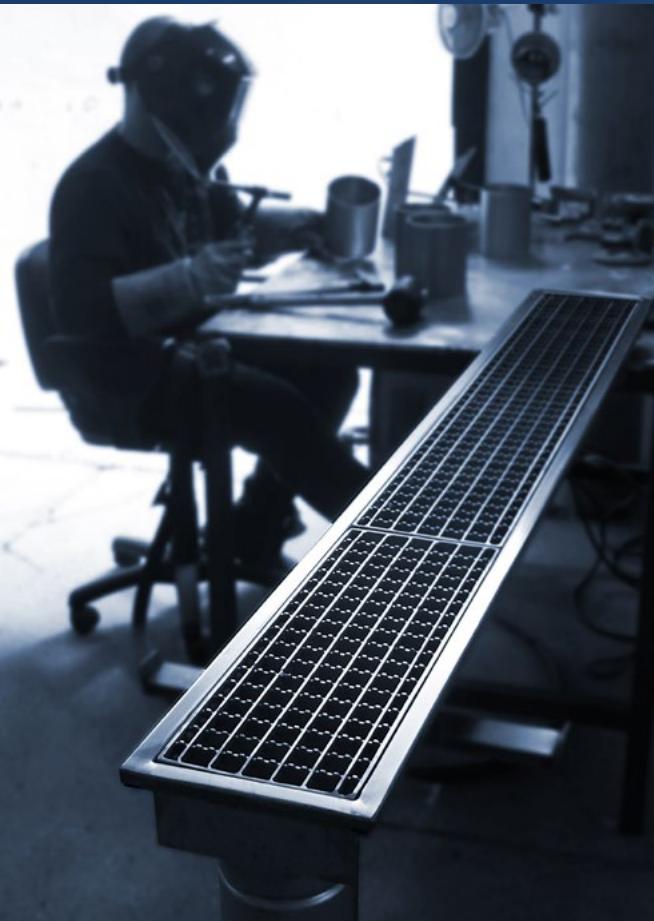
The above values are our inseparable brand promise, which is the core of the company's identity built for years.

SPECIAL SOLUTIONS

We also do, among others stainless tanks, cylindrical sieves, hospital platforms, stainless steel basins and many other stainless solutions.

We invite you to visit our company official website www.kmb-steelproduct.eu available in several language versions.

HQ
PRODUCTS



HISTORY OF COMPANY

Company Timeline

OUR GROWTH OVER THE YEARS



**The 80s and 90s
XX century**



**July 1
2009**



2014



2016



2018



2019



2020



Future

The Kaczor family, mainly in the male line, in the difficult times of the PRL, deals with stainless steel, its processing, turning, production of tanks, stainless vessels, as well as the ores themselves. All this shapes and reveals the future interests of Maciej Kaczor - the founder of KMB Steel Product.

Maciej Bartłomiej Kaczor - as an engineer who had been passionate about materials science and stainless steel for many years before, followed in the footsteps of his ancestors - his grandfather and father - **he founded a company in Cracow** KMB Steel Product.

KMB Steel Product after several years of activity, it has an established position in the sanitary industry. With hard work and development of the marketing concept, KMB Steel Product tries to intensify its sales

Maciej Kaczor studying the company's results and remembering on family principles, also in business, **changes the course** of its activities - first of all, it moves away from unethical partners who blocked the company's development and relies on reliable, trusted people and associates.

The change of course turns out to be a bull's eye - sales and production technology are developing dynamically. And the willingness to develop further is accompanied by the desire to restore full ownership of the brand for oneself and the family.

In the year of the company's jubilee, **KMB STEEL PRODUCT®** is already a registered brand in accordance with the doctrine:
ONE BRAND - ONE PROMISE - ONE COMPANY

There is an announcement of an innovative stainless steel solution - **SNAKE solution** and other novelties in the offer - a new series of aluminum manholes, aluminum slotted channels and an interesting alternative - plastic inlets with stainless grates. In addition to new products - we are constantly developing the technology of stainless products to best support the sanitary industry with hygienic products in the difficult fight against the global COVID-19 pandemic.

We still have enthusiasm for work, technology development and cooperation with contractors. Stainless products are simply the domain **KMB STEEL PRODUCT®**. Thank you for your trust and we invite you to further cooperation

FUTURE DRAINAGE

of stainless and acid-resistant steel

In the face of the thrilling events of 2020 concerning a declared **global pandemic Covid-19 disease**, caused by the SARS-CoV-2 virus

- KMB Steel Product® as a company in the sanitary industry - it tries even harder to improve its technology to support so important nowadays demand for products of the highest standard hygienic.

Also in times when we live in the face of the progressive climate change in the world is extremely important supporting our natural environment.

KMB Steel Product® drainage systems contribute to the wise management of waters surface, especially regulation the condition of the waters, their flow and effective drainage buildings and construction investments.

The future of drainage is the continuous development of technology, greater hygiene requirements and proposing better and better solutions in the age of such great challenges that we have faced.

OUR PRODUCTS ARE THE FUTURE OF ARCHITECTURE



WHAT IS THE SPECIFICITY KMB PRODUCTS?

■ KMB natural drainFLOW

Looking for harmony in the flow of surface waters in industry, construction and natural economy - We have assigned the appropriate instincts and animal attributes to our standard products made of the highest quality AISI 304 and AISI 316 stainless steel, so that our customers can easily choose the appropriate KMB product model.

These attributes will even more vividly and clearly emphasize the specificity of our products, their good and strengths and thus allow for the perfect selection of our solutions to the current needs of construction investments. KMB STEEL PRODUCT ® drainage and inspection elements perfectly fulfill their function due to the wide range of solutions we offer.

Check our offer and see for yourself.



HIGH QUALITY PRODUCTS - - HQ KMB DRAIN

Our offer includes the highest quality products made of stainless and acid-resistant steel AISI 304 and AISI 316, including linear and point drainage, as well as washbasins and products for the food and construction industry. We have the **Hygienic Certificate of the National Institute of Hygiene** and **National Declaration of Properties**.



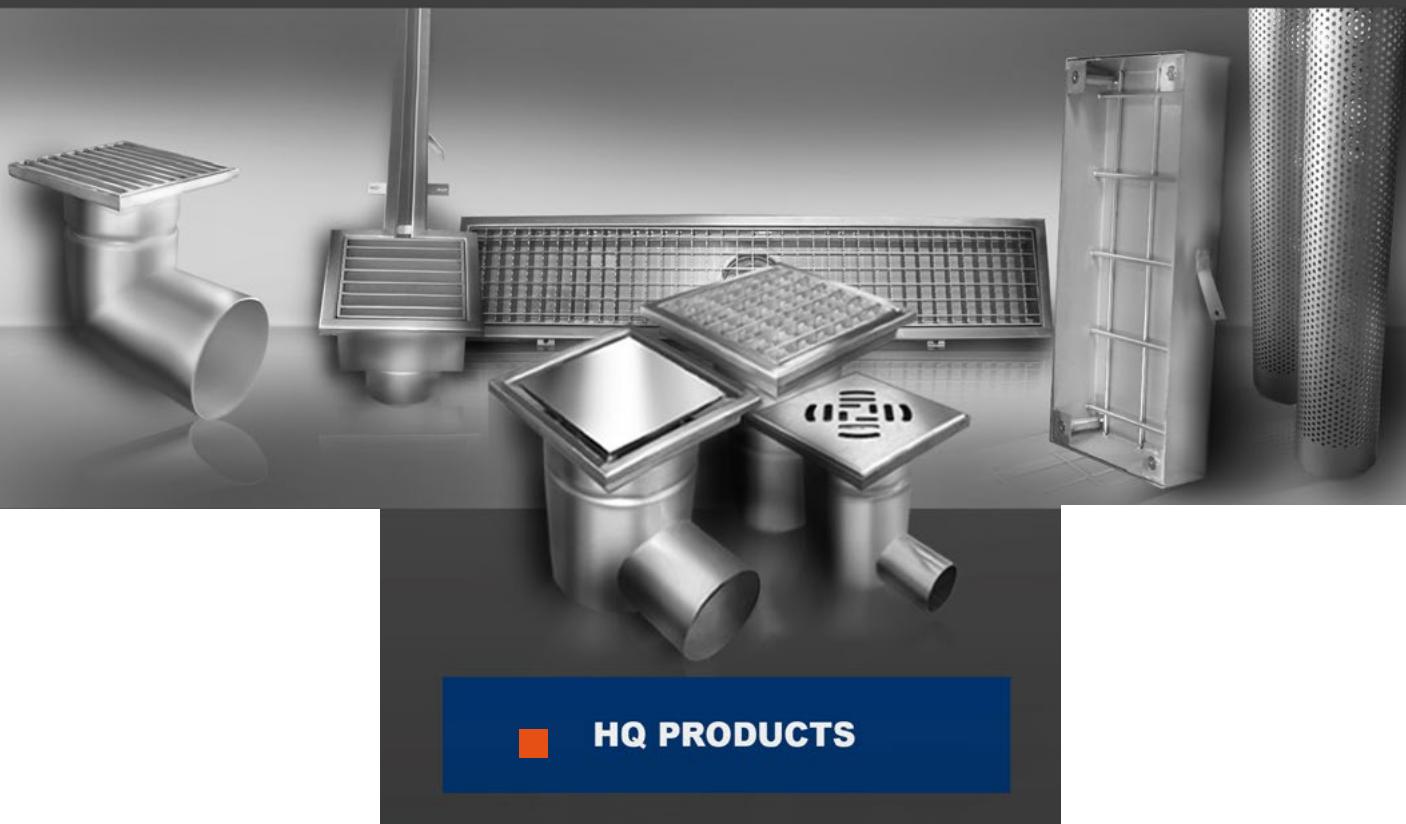
HYGIENIC CERTIFICATE PZH

The company KMB STEEL PRODUCT® has the **Hygienic Certificate of PZH**, which is a certificate that the product KMB STEEL PRODUCT® presented for evaluation, when used in accordance with our recommendations, does not adversely affect health and the environment.



NATIONAL DECLARATION OF PROPERTIES

The company KMB STEEL PRODUCT® has a National WU Declaration, confirming that our products meet the requirements of the standard **PN-EN 1253-1:2015** and are approved for use throughout the European Union.



IN OUR OFFER:

1. Floor Drains

Floor drains are used to drain water from industrial surfaces to the sewage system or constitute an outflow of the gutter or slot channel.

2. Linear Drains

Linear drains - channels are equipped with rectification screws and anchoring elements. They allow you to properly level the drainage and embed it in concrete.

3. Manhole Covers & Rodding eyes

We use manholes and revisions wherever access to underfloor installations is required, e.g. in halls, galleries, restaurants or warehouses.

4. Others

In our offer customized products are also available. These include platforms, balustrades, cylindrical screens, furniture and stainless sinks.

LOAD CLASSES
NORM: **PN-EN 1253**

PN-EN 1253 assumes 7 target groups to which appropriate load classes are assigned:



H1,5 Class: areas where loads are not expected, e.g. roof surfaces

K3 Class: Traffic-free areas such as commercial premises and public areas such as toilets, changing rooms, showers

L15 Class: Areas with little traffic, such as commercial and public premises, excluding forklift trucks

R50 Class: Traffic areas, such as commercial premises and factories

M125 Class: Traffic areas such as car parks, factories and workshops

N250 Class: Industrial areas with a possible high load class subject to the movement of forklift trucks, such as food processing areas, chemical or processing plants

P400 Class: In an environment with possible very heavy ground loading, including food processing areas, chemical or processing plants where gullies are subjected to industrial forklifts and / or maneuvering heavy vehicles

The drainage load class depends on:

1. additional reinforcements of the drainage edges (as in the case of stainless steel gutter channels)
2. correctly performed assembly
3. use of the appropriate class of concrete.



The drainage load class depends on:

4. the type of cover grating used and its dimensions, e.g. height
5. the material from which the drainage is made and the cover grating
6. the width of the linear drainage

>>> IMPORTANT INFO

The above load classes are assumed for static, not dynamic loads. When selecting the cover grating, pay attention not only to the maximum load, e.g. the weight of the forklift and the weight of the pallet. You should also pay attention to the frequency of travel and the size of the working wheels.

In case of doubt, it is recommended to choose a higher load class from the diagram above or contact KMB STEEL PRODUCT® technical department to agree on the best solution.

The icons shown are only suggested and do not constitute a standard for a given grate model.
KMB STEEL PRODUCT® offers gratings in the K3, L15 and R50 class.

■ FLOOR DRAINS



Floor drains
VERTICAL HORIZONTAL

MINI

SEMI-PROF ecoSMART

PRO

DRAIN

KMB FLOOR DRAIN

GENERAL INFORMATION

Floor drains find application in public use buildings, kitchens, bathrooms, basements, washhouses, in all places where it is necessary to use high standard, stainless steel hygienic solutions.

TECHNOLOGY

All of KMB's floor drains are made of stainless or acid-proof steel (AISI 304 or AISI 316), they ensure durability and functionality in use, as well as meet sanitary requirements so essential for maintaining the desired hygiene.

TYPES OF FLOOR DRAINS

division according to the amount of discharged water



Professional

optimal
floor drains >>>

The leader among floor drains >
high capacity + maximum drainage

Intelligent

hybrid
solution >>>
compromise
connection MINI and PRO floor drains

Clever

economic
floor drains >>>
smaller size
+ good price



ADVANTAGES of the KMB STEEL PRODUCT® floor drains

- they are very easy to assemble
- they have removable parts, such as a siphon and a strainer / sludge basket, and thus give full control over the entire installation
- they have several models of cover grates depending on the needs and preferences of the customer

SELECTION

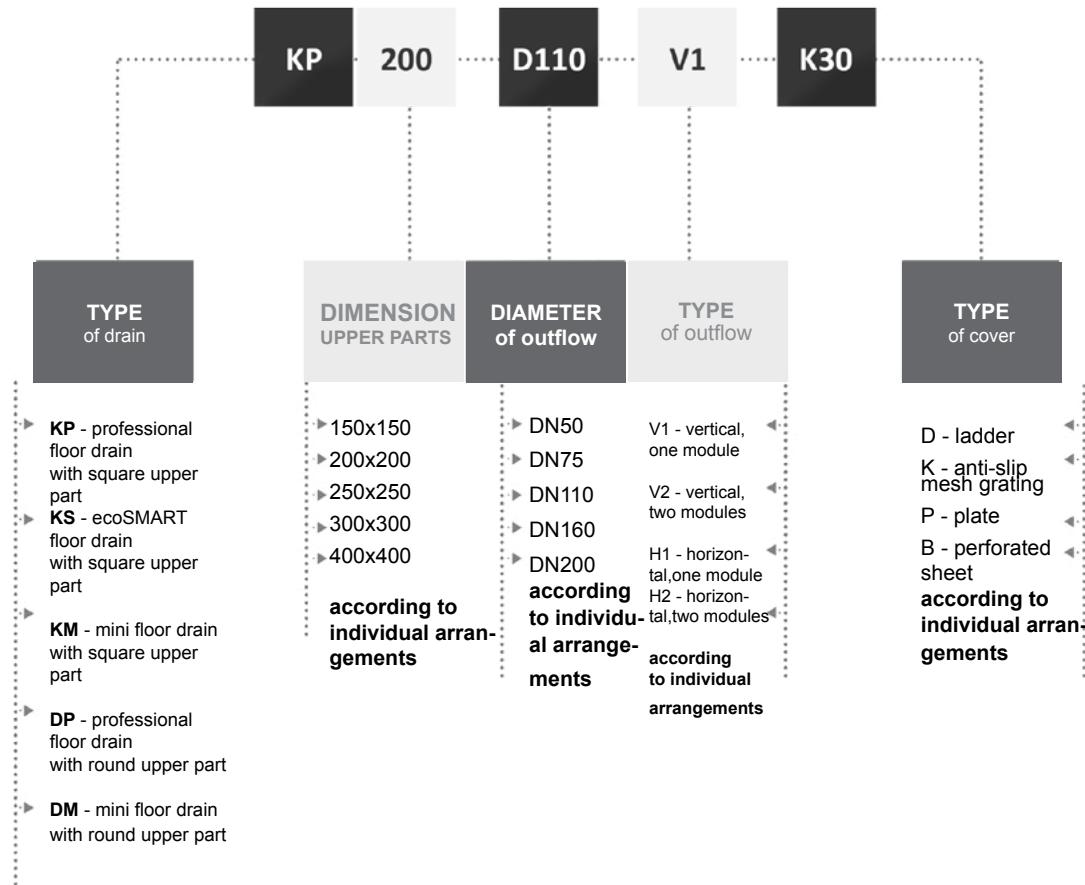
The choice of the type of gully depends mainly on the following parameters:



- The amount of liquid that needs to be drained in a time unit (choice of the diameter of the outflow, size of the upper part)
- The number of flowing solid parts (selection of the sorting basket)
- Pressure force - a type of load that will act to the drain's cover
(Depending on the type of grate, the groove will be able to carry various loads - from pedestrian traffic for heavy traffic)

FLOOR DRAINS

HOW TO READ CATALOGUE SYMBOLS ?



EXAMPLE

KP200-D110-V1-K30 - professional floor drain, with square upper part 200x200 [mm], with diameter of outflow 110[mm], vertical, one module, with anti-slip mesh grating.

KMB FLOOR DRAINS:



- > high throughput and low fluid waste
- > featured by a large siphon and variable diameters drain



- > it combines a good capacity of liquid with good price
- > reasonable hybrid solution though the use of snap cart



- > it has the capacity to allow for smaller discharges of liquid and solid waste
- > in a great price for a smaller size, and by using the strainer basket instead of snap

FLOOR DRAINS

in comparison

	PROFESSIONAL floor drains	SMART floor drains	MINI floor drains
application	<ul style="list-style-type: none"> - food factories (breweries, distilleries, krochmalnie, dairies, etc.) - chemical and pharmaceutical plants - slaughterhouses and butchers - kitchens, dining options - commercial facilities 	<ul style="list-style-type: none"> - kitchens - hospitals - sanitary premises - dining options - slaughterhouses and butchers - commercial facilities 	<ul style="list-style-type: none"> - warehouses and industrial halls - kitchens - toilets - showers - changing rooms - commercial facilities
material	stainless steel: AISI 304 acid-proof steel: AISI 316*	stainless steel: AISI 304 acid-proof steel: AISI 316*	stainless steel: AISI 304 acid-proof steel: AISI 316*
dimensions of upper part [mm]	200x200, 250x250, 300x300, 400x400 according to individual arrangements	200x200, 250x250, 300x300, 400x400 according to individual arrangements	150x150, 200x200 250x250, 300x300 according to individual arrangements
diameter of outflows [mm]	Ø50, Ø75, Ø110 Ø160, Ø200 according to individual arrangements	Ø50, Ø75, Ø110 according to individual arrangements	Ø50, Ø75, Ø110 according to individual arrangements
sediment basket	sediment basket	sediment basket	strainer
covers	<ul style="list-style-type: none"> - ladder - anti slip mesh grating - plate - perforated sheet according to individual arrangements	<ul style="list-style-type: none"> - ladder - anti slip mesh grating - plate - perforated sheet according to individual arrangements	<ul style="list-style-type: none"> - ladder - anti slip mesh grating - plate - perforated sheet according to individual arrangements

* AISI 316 - used with increased requirements for chemical resistance

HOW TO MAKE THE APPROPRIATE SELECTION OF THE FLOOR DRAIN?



1. Determine the required capacity, ie determine the water discharges per unit of time. (small -MINI, medium-SMART or large-PRO)
2. Determine whether there will be waste - solids - e.g. feathers, pieces of processed food, etc. at the inlet installation site.
3. Then determine whether we need a horizontal or vertical drain to connect to the sewage system and whether we need a one-piece or 2-module drain.
4. Simply - contact our KMB Steel Product® technical department - tel. +48 511-098-312 or by e-mail: biuro@kmb-steelproduct.eu, we always offer you help and our advice.

FLOOR DRAINS

HOW TO INSTALL THEM?



Floor Drain -1-MODULE

ONE MODULE FLOOR DRAINS - ASSEMBLY / INSTALLATION

1. Make sure the drain pipe is at the correct height.
2. During concrete pouring, the upper part should be 1,0-1,5 [mm] below the floor level.
3. Later floor layers can be made when the upper part is stabilized.
4. During concrete pouring make sure, that the upper part clearance is not narrowed.
5. Concrete have to gets to all places, even difficult of access ones.

TWO MODULES FLOOR DRAINS - ASSEMBLY / INSTALLATION

1. First, put the lower part of the floor drain in the structural part of the floor. The lower part should be placed in the hollow of 15-20 [mm] to ensure ade-quate draining of the condensate from the damp-proof course.
2. Make the damp-proof course and secure it with the clamping ring of the lower part.
3. Later, position the upper part on the required level. The upper part edge should be placed about 1,0-1,5 [mm] below the floor level.
4. Next floor layers can be made when the upper part is stabilized.
5. During concrete pouring make sure that the up-er part clearance is not narrowed.
6. Concrete have to gets to all places, even difficult of access ones.



Floor Drain -2-MODULES

[CEILING]



PRO

THE LEADER among floor drains - high capacity - maximum drainage

Floor drains PROdrain

MORE THAN GOOD PRODUCTS.

Standard diameters of the drains: Ø50, Ø75, Ø110, Ø160, Ø200

Upper part dimensions: 200x200, 250x250, 300x300, 400x400

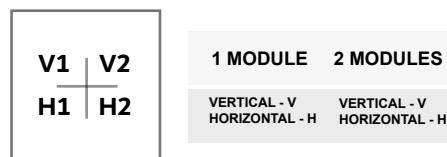
Material: AISI 304 or 316 stainless steel

Cover grate height: 30mm-50mm

Waste catcher: sediment basket

Load classes: K3 – L15 – M125 – N250 – P400 – the class depends on the type of the selected grate and its height; The load class is also influenced by the additional reinforcement of the edges of the floor drain and its correct installation. The K3 class applies only to pedestrian traffic, while the L15 class allows for low-traffic passages (e.g. pallet trucks, smoking trolleys, etc.)

Division of PRO gullies due to the structure:



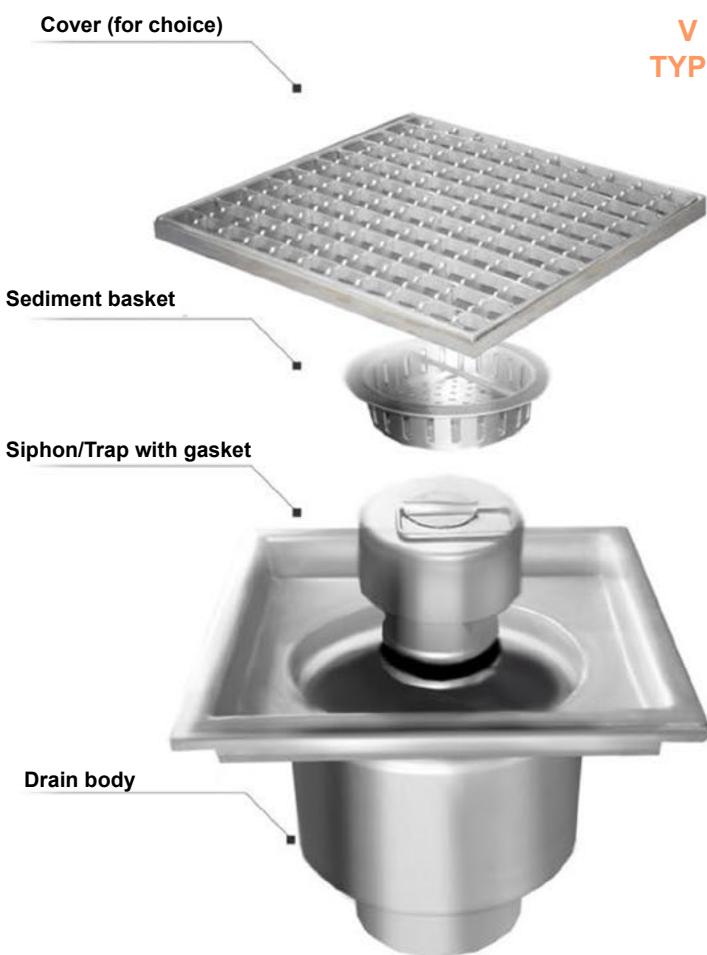
PROdrain



PROdrain TYPES

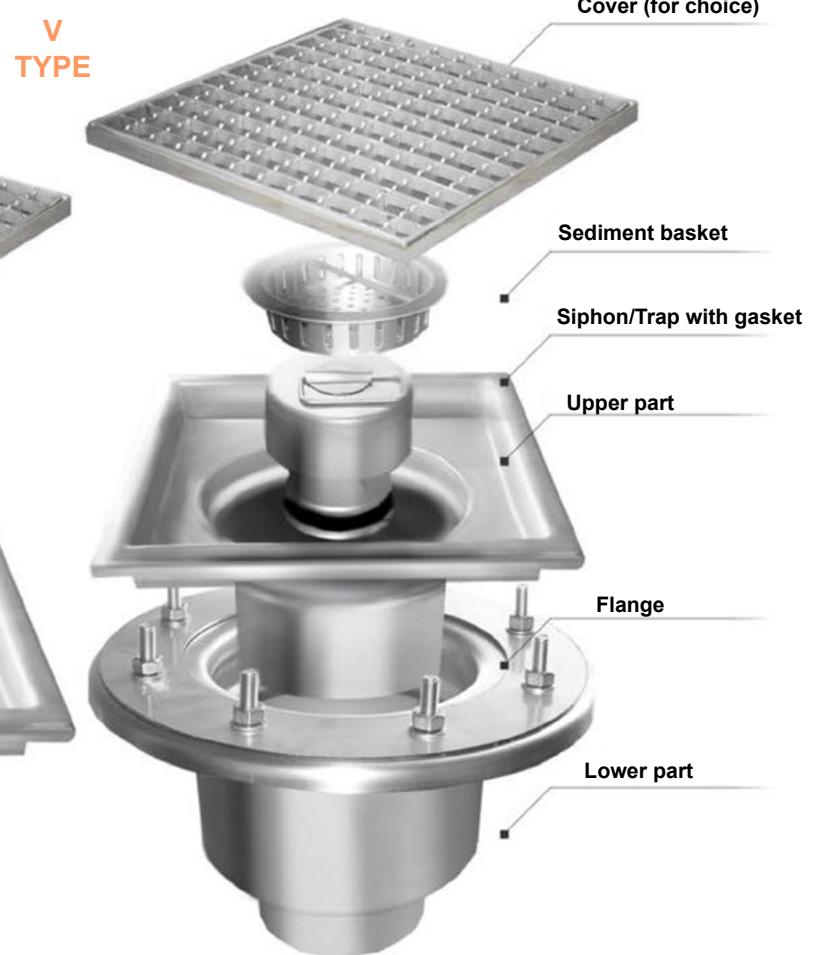
1 - MODULE FLOOR DRAIN

VERTICAL



2 - MODULES FLOOR DRAIN

VERTICAL

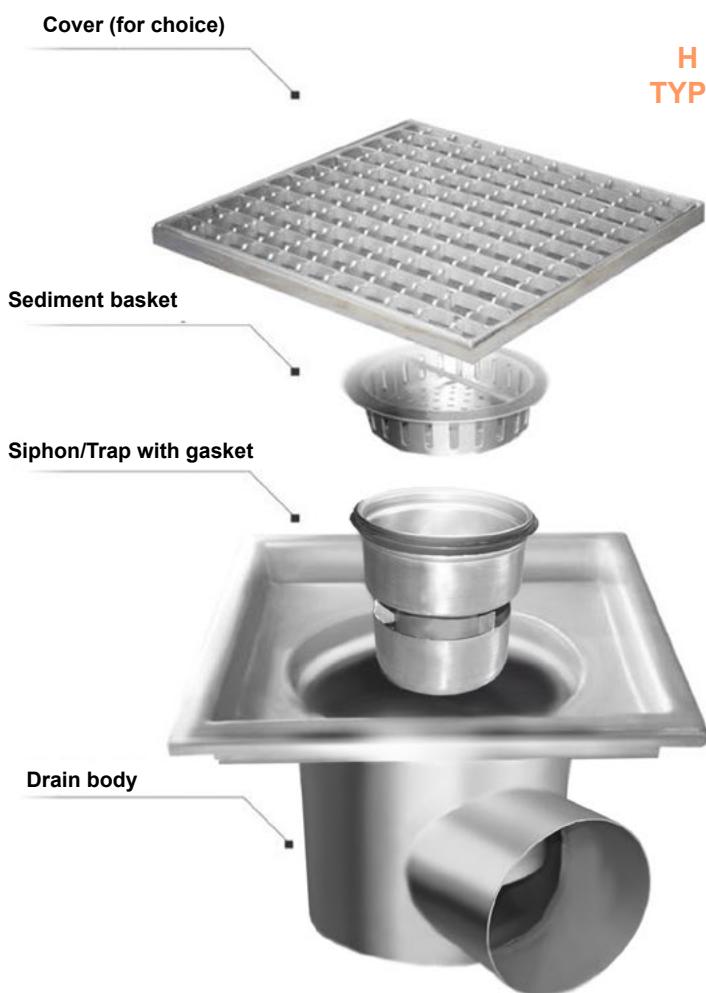




PROdrain TYPES

1 - MODULE FLOOR DRAIN

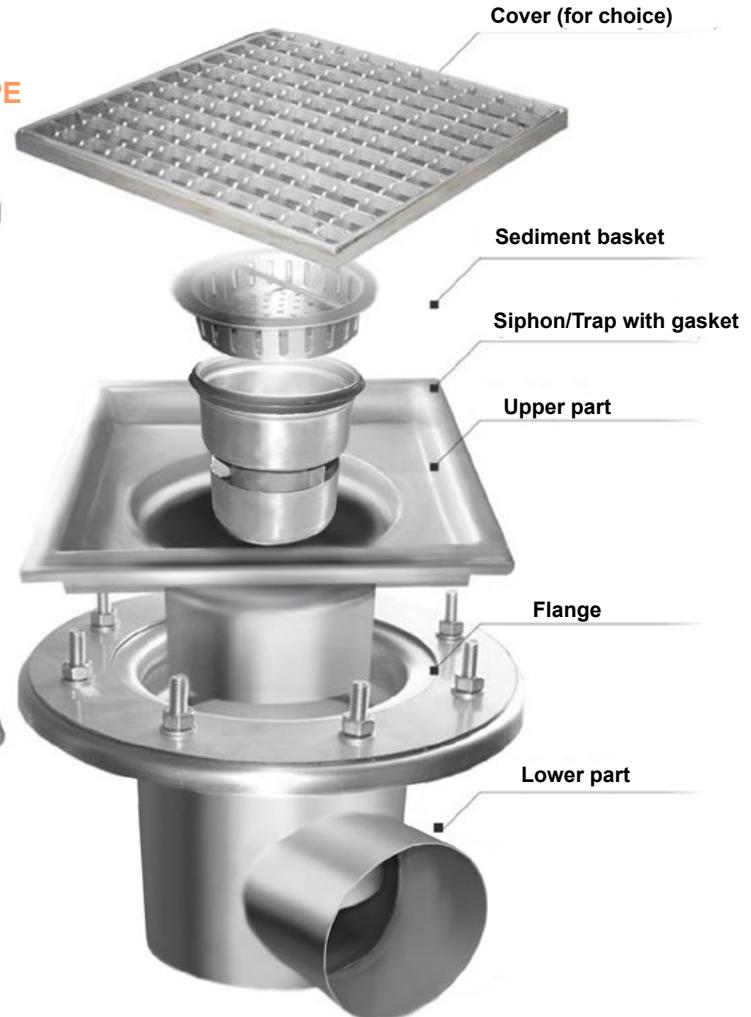
HORIZONTAL



2 - MODULES FLOOR DRAIN

HORIZONTAL

H
TYPE



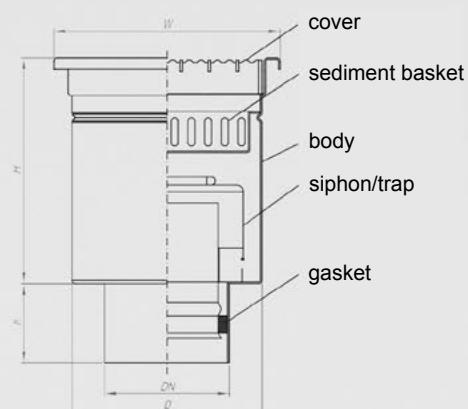


KMB STEEL PRODUCT®

SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO SERIES

PROFESSIONAL FLOOR DRAINS KP
with square top
VERTICAL

1- MODULE

Symbol	KP200-D050-V1	KP200-D075-V1	KP200-D110-V1	KP250-D110-V1	KP300-D160-V1	KP400-D200-V1
Dimensions [mm]	W	200x200	200x200	200x200	250x250	300x300
	H	200	200	200	200	200
	h	70	70	70	70	70
	DN*	50**	75**	110	110	160
	D	168	168	168	168	250
						350

ACCESORIES



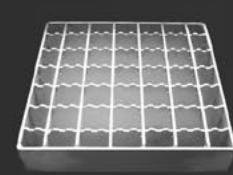
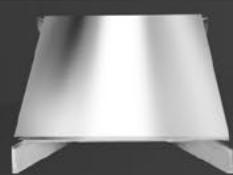
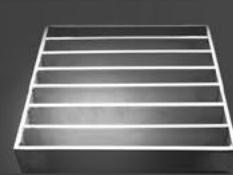
Siphon/Trap



Sediment basket

tel. +48 511-098-312
tel./fax +48 12-20-20-408

biuro@kmb-steelproduct.eu

COVERS
(one type to choice)Anti-slip
mesh grating
K30Perforated
sheet
B30Plate
P30Ladder
D30

* - fill the symbol with the selected type of cover

** - additional spigot - length=60 mm (only for DN50 and DN75)

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

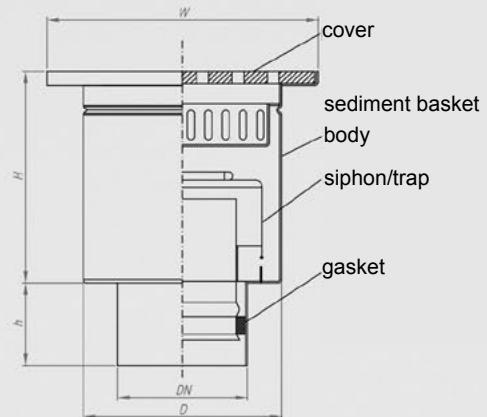
INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO SERIES



PROFESSIONAL FLOOR DRAINS DP
with circle top
VERTICAL

1- MODULE



Symbol	DP250-D050-V1	DP250-D075-V1	DP250-D110-V1
W	250	250	250
H	190	190	190
Dimensions [mm]			
h	70	70	70
DN	50**	75**	110
D	168	168	168

ACCESORIES



Siphon/Trap



Sediment basket



tel. +48 511-098-312
tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)

Plate
special
PSPPlate
with holes
PPlate
tight
PS

* - fill the symbol with the selected type of cover

** - additional spigot - length=60 mm (only for DN50 and DN75)

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

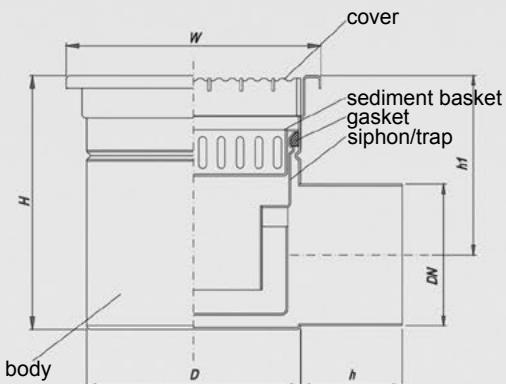
INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO SERIES



PROFESSIONAL FLOOR DRAINS KP
with square top
HORIZONTAL

1- MODULE



Symbol	KP200-D050-H1	KP200-D075-H1	KP200-D110-H1	KP250-D110-H1	KP300-D160-H1	KP400-D200-H1	
Dimensions [mm]	W	200x200	200x200	200x200	250x250	300x300	400x400
	H	230	230	230	230	285	335
	h1	205	193	175	175	195	240
	h	90	90	90	90	90	90
	DN	50	75	110	110	160	200
	D	168	168	168	168	250	350

ACCESSORIES



Siphon/Trap



Sediment basket

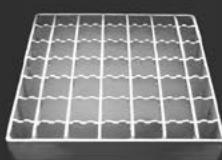


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biuro@kmb-steelproduct.eu

COVERS
(one type to choice)



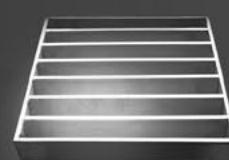
Anti-slip
mesh grating
K30



Perforated
sheet
B30



Plate
P30



Ladder
D30



* - fill the symbol with the selected type of cover
*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

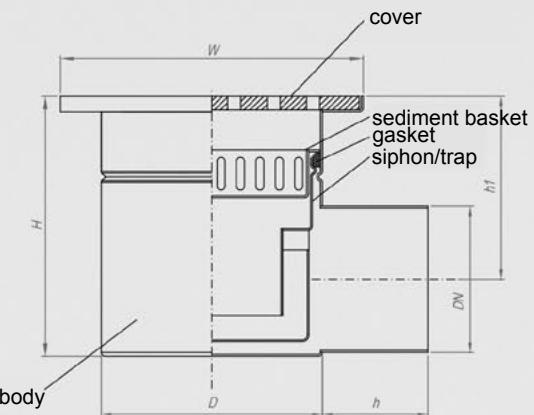
INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO SERIES



PROFESSIONAL FLOOR DRAINS DP
with circle top
HORIZONTAL

1- MODULE



Symbol	DP250-D050-H1	DP250-D075-H1	DP250-D110-H1
W	250	250	250
H	215	215	215
Dimensions [mm]	h1	190	178
	h	80	80
	DN	50	75
	D	168	168

ACCESSORIES



Siphon/Trap



Sediment basket



tel. +48 511-098-312
tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)



Plate
special
PSP



Plate
with holes
P



Plate
tight
PS



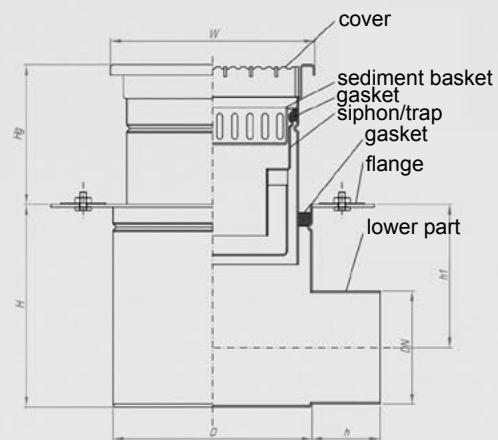
* - fill the symbol with the selected type of cover
*** - in the case of road traffic, the load class should be specified



PRO SERIES

PROFESSIONAL FLOOR DRAINS KP
with square top
HORIZONTAL

2- MODULES



Symbol	KP200-D050-H2	KP200-D075-H2	KP200-D110-H2	KP250-D110-H2	KP300-D160-H2	KP400-D200-H2
Dimensions [mm]	W	200x200	200x200	200x200	250x250	300x300
	H	195	195	195	195	250
	Hg	50-160	50-160	50-160	50-160	50-160
	h1	160	145	130	130	160
	h	90	90	90	90	90
	DN	50	75	110	110	160
	D	195	195	195	195	250

ACCESSORIES



Siphon/Trap



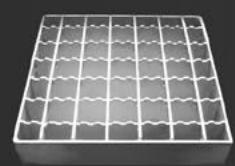
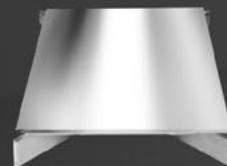
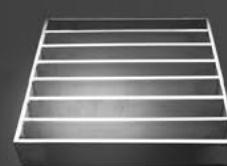
Sediment basket



tel. +48 511-098-312
tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)Anti-slip
mesh grating
K30Perforated
sheet
B30Plate
P30Ladder
D30

* - fill the symbol with the selected type of cover
*** - in the case of road traffic, the load class should be specified

SMART

Hybrid connection of PRO and MINI inlets - an intelligent solution

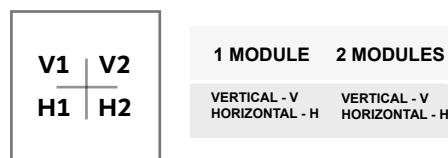
Floor drains

SMARTdrain - semi-prof

MORE THAN GOOD PRODUCTS.

Standard diameters of the drains: Ø50, Ø75, Ø110**Upper part dimensions:** 200×200, 250×250, 300×300, 400×400**Material:** AISI 304 or 316 stainless steel**Cover grate height:** 30mm-50mm**Waste catcher:** sediment basket

Load classes: K3 – L15 – M125 – N250 – P400 – the class depends on the type of the selected grate and its height; The load class is also influenced by the additional reinforcement of the edges of the floor drain and its correct installation. The K3 class applies only to pedestrian traffic, while the L15 class allows for low-traffic passages (e.g. pallet trucks, smoking trolleys, etc.)

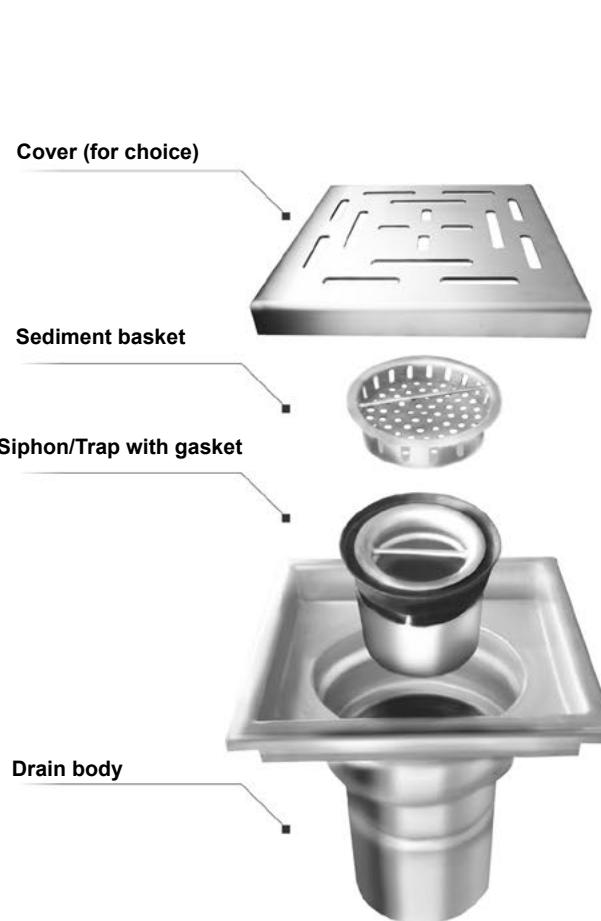
Division of SMART gullies due to the structure:



SMARTdrain TYPES

1 - MODULE FLOOR DRAIN

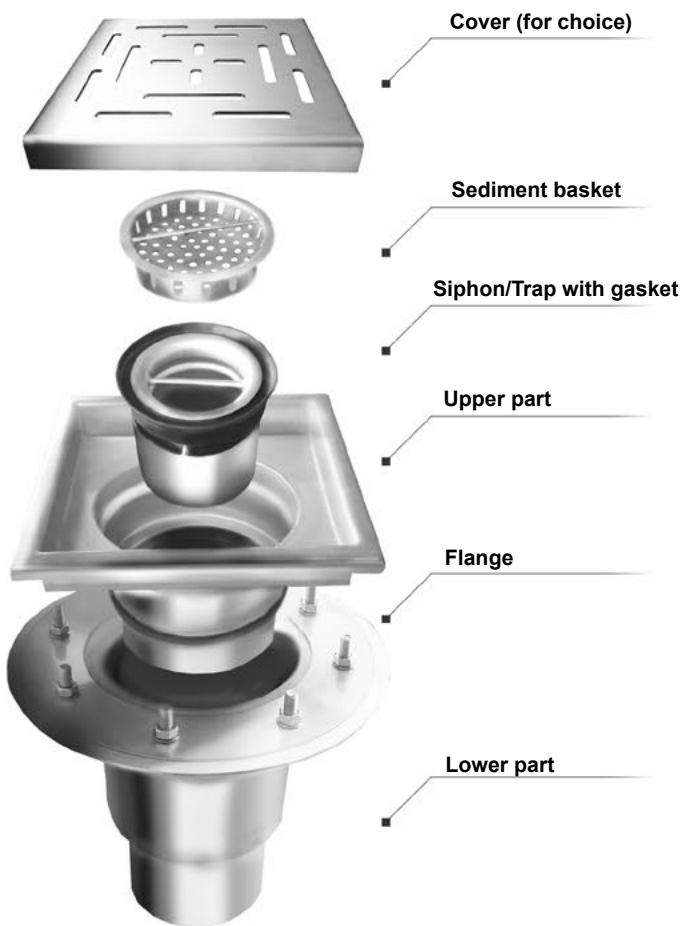
VERTICAL



2 - MODULES FLOOR DRAIN

VERTICAL

V
TYPE





SMARTdrain TYPES

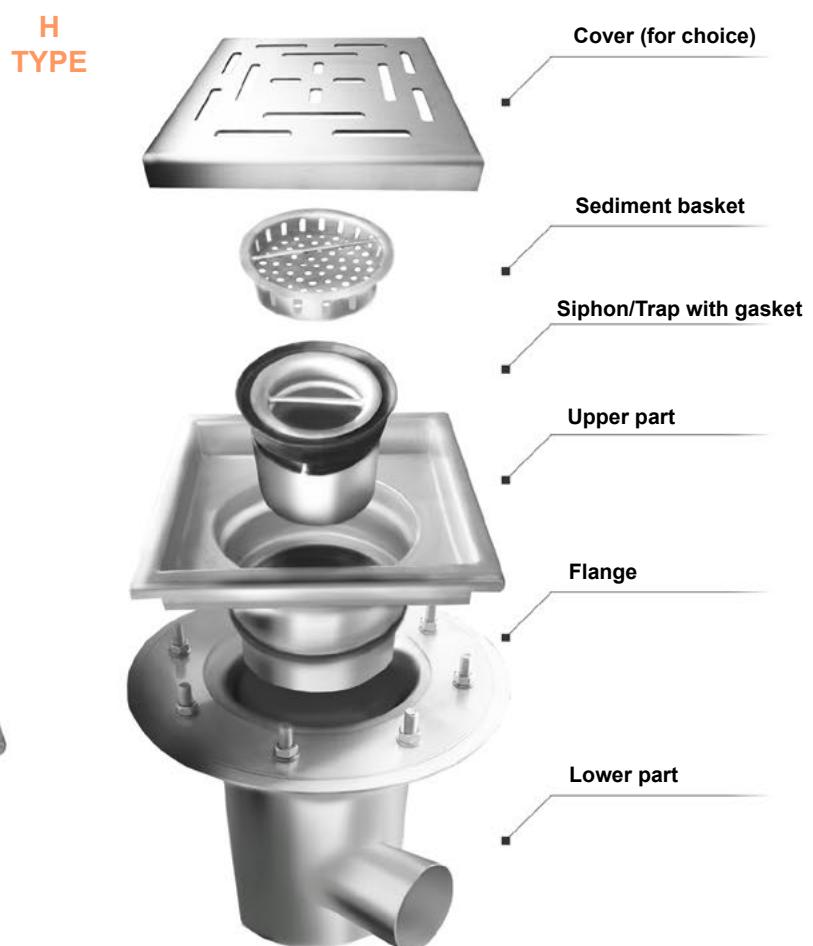
1 - MODULE FLOOR DRAIN

HORIZONTAL



2 - MODULES FLOOR DRAIN

HORIZONTAL





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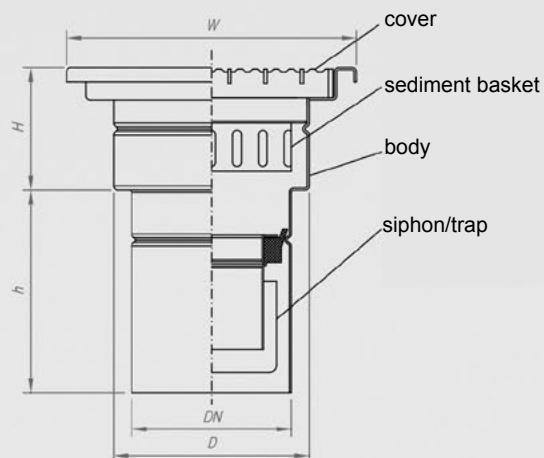
INDIVIDUAL SOLUTION OF STAINLESS STEEL

SMART SERIES



INTELLIGENT FLOOR DRAINS KS
with square top
VERTICAL

1- MODULE



Symbol	KS200-D050-V1	KS200-D075-V1	KS200-D110-V1	KS250-D110-V1	KS300-D110-V1	KS400-D110-V1	
Dimensions [mm]	W	200x200	200x200	200x200	250x250	300x300	400x400
	H	90	90	90	90	90	90
	h	140	140	140	140	140	140
	DN*	50**	75**	110	110	110	110
	D	135	135	135	135	135	135

ACCESSORIES



Siphon/Trap



Sediment basket

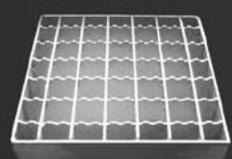
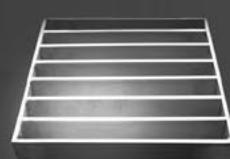


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biuro@kmb-steelproduct.eu

COVERS
(one type to choice)

Anti-slip
mesh grating
K30Perforated
sheet
B30Plate
P30Ladder
D30

* - fill the symbol with the selected type of cover

** - additional spigot - length=60 mm (only for DN50 and DN75)

*** - in the case of road traffic, the load class should be specified

MINI

Economical drains - smaller size + good price

Floor drains

MINI**drain**

MORE THAN GOOD PRODUCTS.

Standard diameters of the drains: Ø50, Ø75, Ø110

Upper part dimensions: 150×150, 200×200, 250×250, 300×300

Material: AISI 304 or 316 stainless steel

Cover grate height: 20mm-40mm for KM200, 10mm for KM150

Waste catcher: strainer

Load classes: K3 – L15 – M125 – N250 – P400 – the class depends on the type of the selected grate and its height; The load class is also influenced by the additional reinforcement of the edges of the floor drain and its correct installation. The K3 class applies only to pedestrian traffic, while the L15 class allows for low-traffic passages (e.g. pallet trucks, smoking trolleys, etc.)

Division of MINI gullies due to the structure:



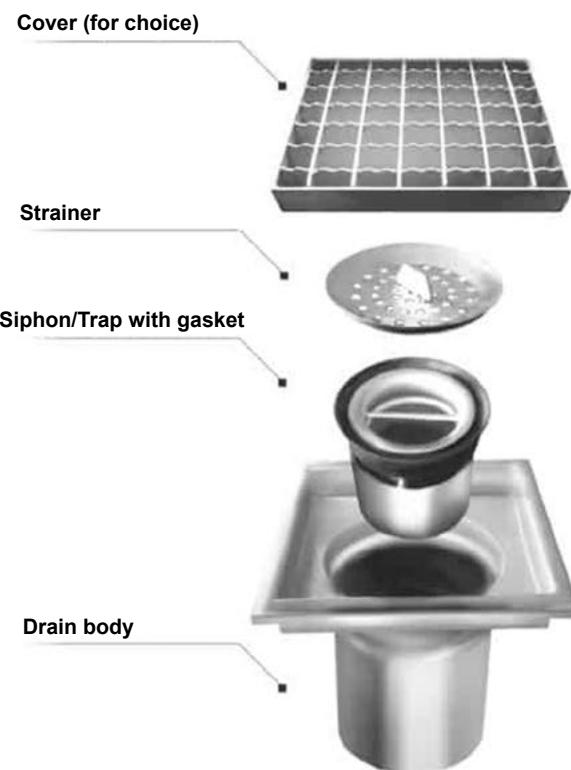
MINI**drain**



MINIdrain TYPES

1 - MODULE FLOOR DRAIN

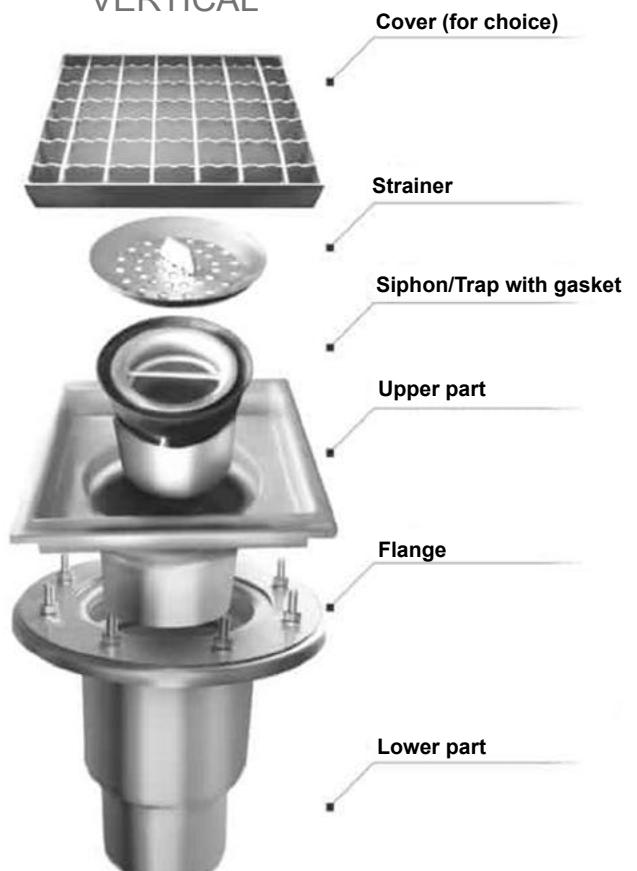
VERTICAL



V
TYPE

2 - MODULES FLOOR DRAIN

VERTICAL

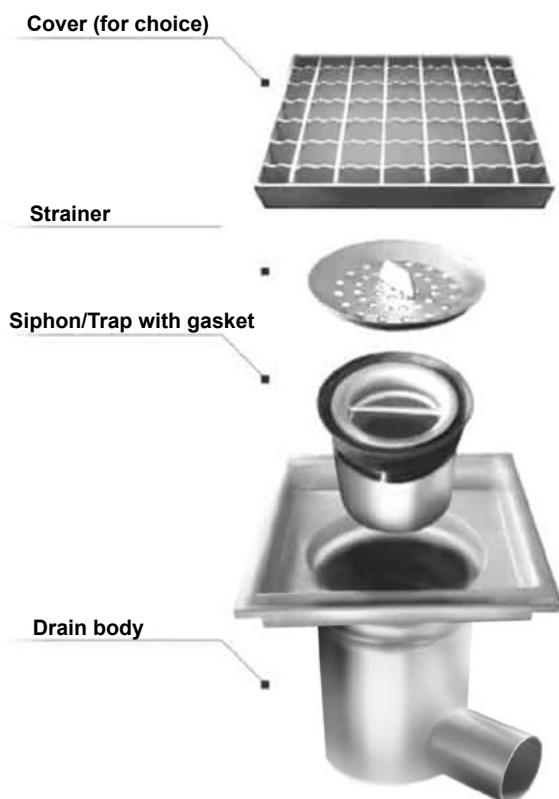




MINI drain TYPES

1 - MODULE FLOOR DRAIN

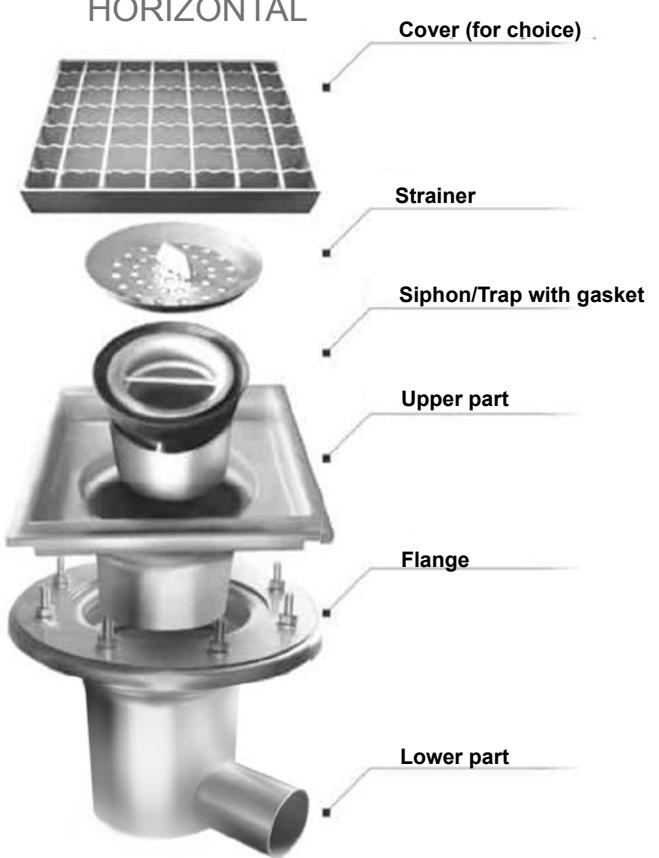
HORIZONTAL



2 - MODULES FLOOR DRAIN

HORIZONTAL

H
TYPE





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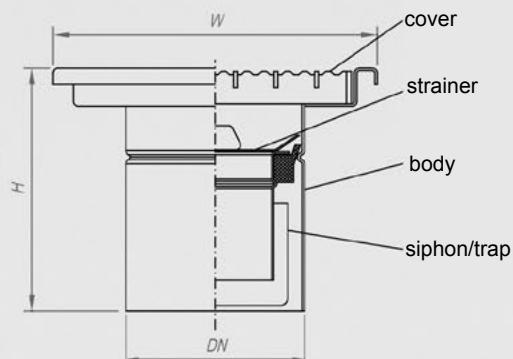
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

1- MODULE



Symbol	KM200-D110-V1	KM250-D110-V1	KM300-D110-V1
W	200x200	250x250	300x300
Dimensions [mm]	H	150	150
	DN	110	110

ACCESORIES



Siphon/Trap



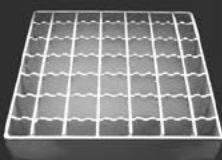
Strainer



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tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)Anti-slip
mesh grating
K20Perforated
sheet
B20Plate
P20Ladder
D20

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



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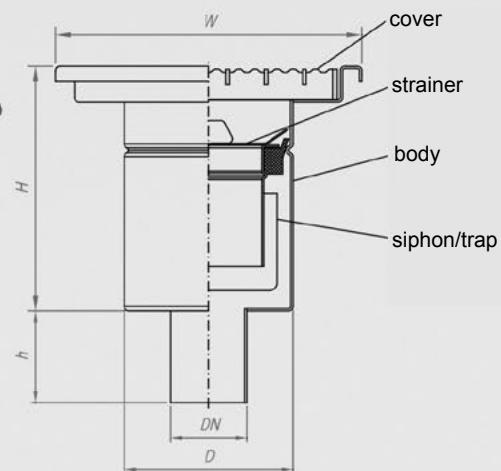
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

1- MODULE



Symbol	KM200-D050-V1	KM200-D075-V1	KM250-D050-V1	KM250-D075-V1	KM300-D050-V1	KM300-D075-V1
Dimensions [mm]	W	200x200	200x200	250x250	250x250	300x300
	H	150	150	150	150	150
	h	60	60	60	60	60
	DN	50	75	50	75	50
	D	110	110	110	110	110

ACCESSORIES



Siphon/Trap



Strainer

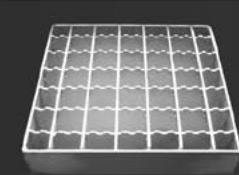


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COVERS
(one type to choice)



Anti-slip
mesh grating
K20



Perforated
sheet
B20

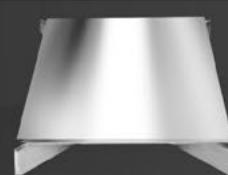
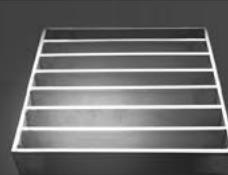


Plate
P20



Ladder
D20



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



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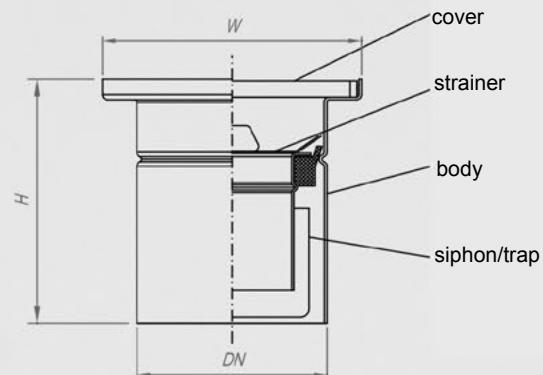
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

1- MODULE



Symbol	KM150-D110-V1		
Dimensions [mm]	W	H	DN
	150x150	150	110

ACCESSORIES



Siphon/Trap



Strainer

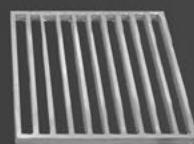


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COVERS
(one type to choice)

Perforated
sheet
B10Ladder
D10

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



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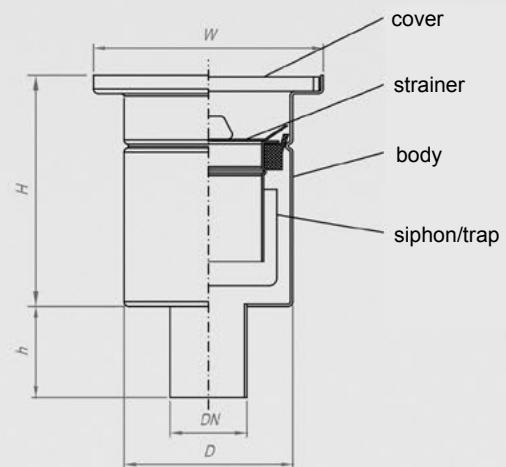
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

1- MODULE



Symbol	KM150-D050-V1		KM150-D075-V1
Dimensions [mm]	W	150x150	150x150
	H	150	150
	h	60	60
	DN	50	75
	D	110	110

ACCESSORIES



Siphon/Trap



Strainer



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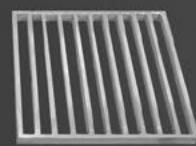


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COVERS
(one type to choice)



Perforated
sheet
B10



Ladder
P10



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



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SINCE 2009

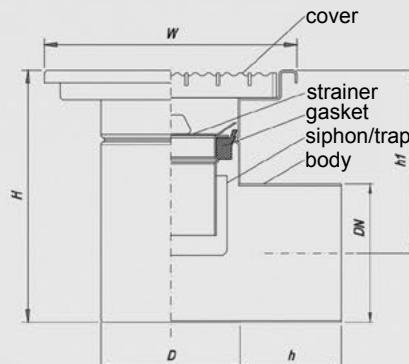
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

1- MODULE



Symbol	KM200-D110-H1	KM250-D110-H1	KM300-D110-H1
W	200x200	250x250	300x300
H	200	200	200
Dimensions [mm]	h1	145	145
	h	80	80
	DN	110	110
	D	110	110

ACCESSORIES



Siphon/Trap



Strainer

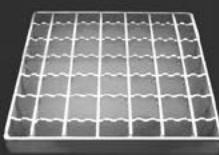


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COVERS
(one type to choice)



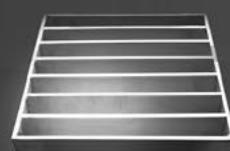
Anti-slip
mesh grating
K20



Perforated
sheet
B20



Plate
P20



Ladder
D20



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

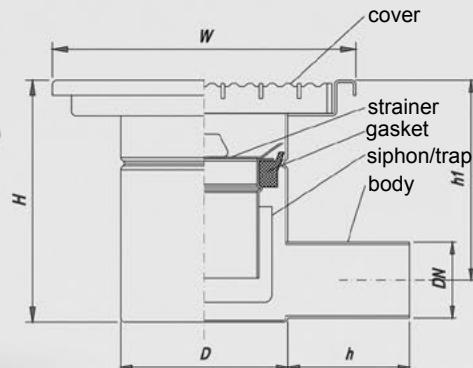
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

1- MODULE



Symbol KM200-D050-H1 KM200-D075-H1 KM250-D050-H1 KM250-D075-H1 KM300-D050-H1 KM300-D075-H1

	W	200x200	200x200	250x250	250x250	300x300	300x300
Dimensions [mm]	H	150	150	150	150	150	150
	h1	125	113	125	113	125	113
	h	90	90	90	90	90	90
	DN	50	75	50	75	50	75
	D	110	110	110	110	110	110

ACCESSORIES



Siphon/Trap



Strainer

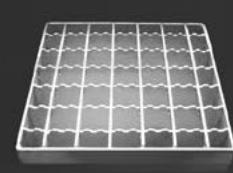


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COVERS
(one type to choice)



Anti-slip
mesh grating
K20



Perforated
sheet
B20

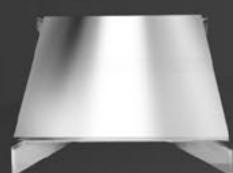
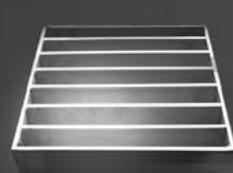


Plate
P20



Ladder
D20



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



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SINCE 2009

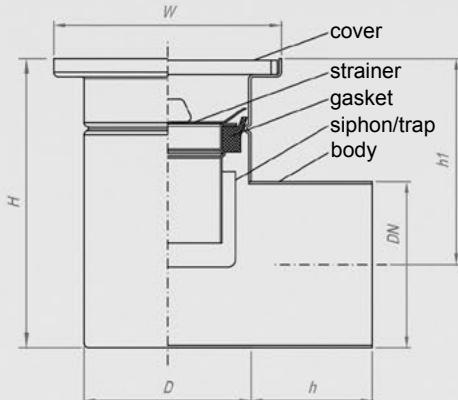
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

1- MODULE



Symbol	KM150-D110-H1	
W	150x150	
H	190	
Dimensions [mm]	h1	135
	h	80
	DN	110
	D	110

ACCESSORIES



Siphon/Trap



Strainer

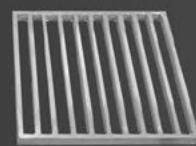


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COVERS
(one type to choice)

Perforated
sheet
B10Ladder
P10

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

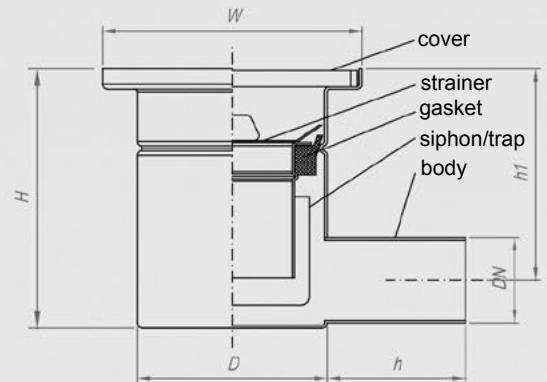
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

1- MODULE



Symbol	KM150-D050-H1		KM150-D075-H1	
W	150x150		150x150	
H		150		150
Dimensions [mm]	h1	125	113	
	h	80	80	
	DN	50	75	
	D	110	110	

ACCESSORIES



Siphon/Trap



Strainer



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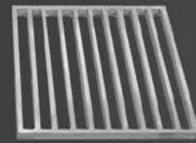


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COVERS
(one type to choice)



Perforated
sheet
B10



Ladder
P10



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

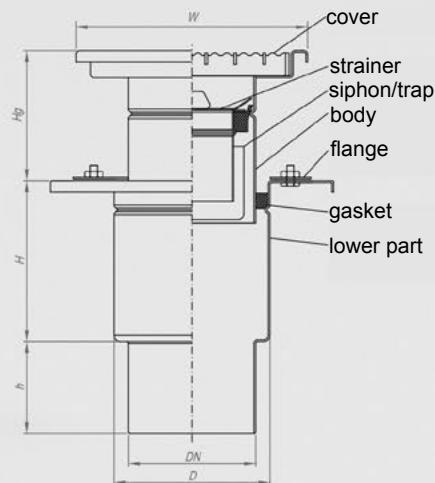
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

2- MODULES



Symbol	KM200-D050-V2	KM200-D075-V2	KM200-D110-V2	KM250-D110-V2	KM300-D110-V2
Dimensions [mm]	W	200x200	200x200	200x200	250x250
	H	140	140	140	140
	Hg	50-120	50-120	50-120	50-120
	h	80	80	80	80
	DN	50	75	110	110
	D	135	135	135	135

ACCESSORIES



Siphon/Trap



Strainer

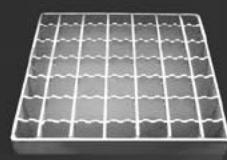


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tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)



Anti-slip
mesh grating
K20



Perforated
sheet
B20



Plate
P20



Ladder
D20



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

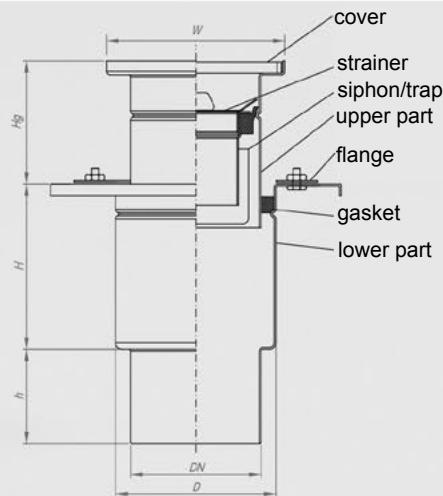
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
VERTICAL

2- MODULES



Symbol	KM150-D050-V2	KM150-D075-V2	KM150-D110-V2
Dimensions [mm]	W	150x150	150x150
	H	140	140
	Hg	50-120	50-120
	h	80	80
	DN	50	75
	D	135	135

ACCESSORIES



Siphon/Trap



Strainer



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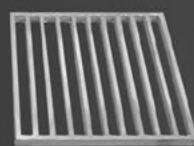


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COVERS
(one type to choice)



Perforated
sheet
B10



Ladder
P10



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

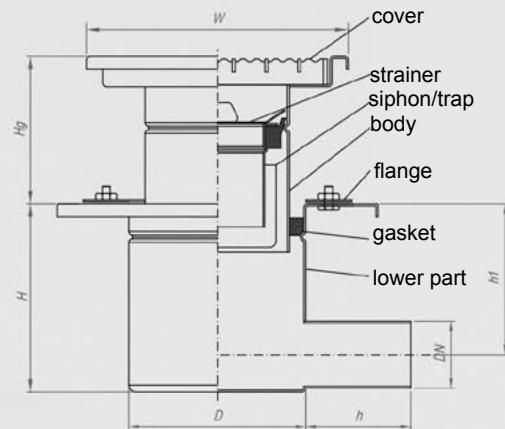
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

2- MODULES



Symbol	KM200-D050-H2	KM200-D075-H2	KM200-D110-H2	KM250-D110-H2	KM300-D110-H2
Dimensions [mm]	W	200x200	200x200	200x200	250x250
	H	140	140	185	185
	Hg	50-120	50-120	50-120	50-120
	h1	110	97	125	125
	h	90	90	90	90
	DN	50	75	110	110
	D	135	135	135	135

ACCESSORIES



Siphon/Trap



Strainer

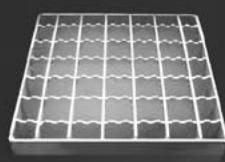
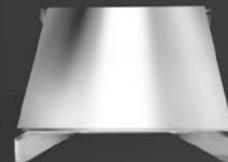


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tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)

Anti-slip
mesh grating
K20Perforated
sheet
B20Plate
P20Ladder
D20

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

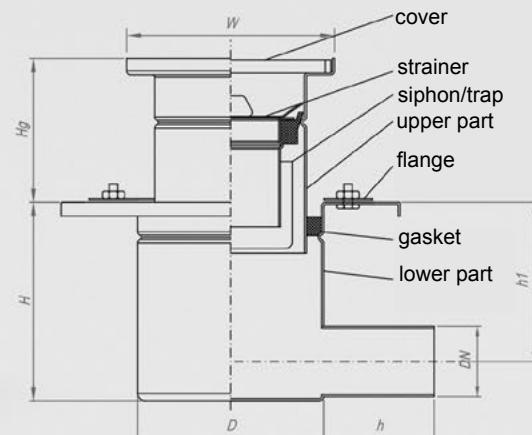
INDIVIDUAL SOLUTION OF STAINLESS STEEL

MINI SERIES



CLEVER FLOOR DRAINS KM
with square top
HORIZONTAL

2- MODULES



Symbol	KM150-D050-H2	KM150-D075-H2	KM150-D110-H2
Dimensions [mm]	W	150x150	150x150
	H	140	140
	Hg	50-120	50-120
	h1	110	97
	h	90	90
	DN	50	75
	D	135	135

ACCESSORIES



Siphon/Trap



Strainer



tel. +48 511-098-312
tel./fax +48 12-20-20-408

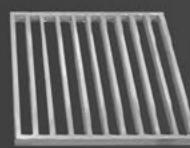


biuro@kmb-steelproduct.eu

COVERS
(one type to choice)



Perforated
sheet
B10

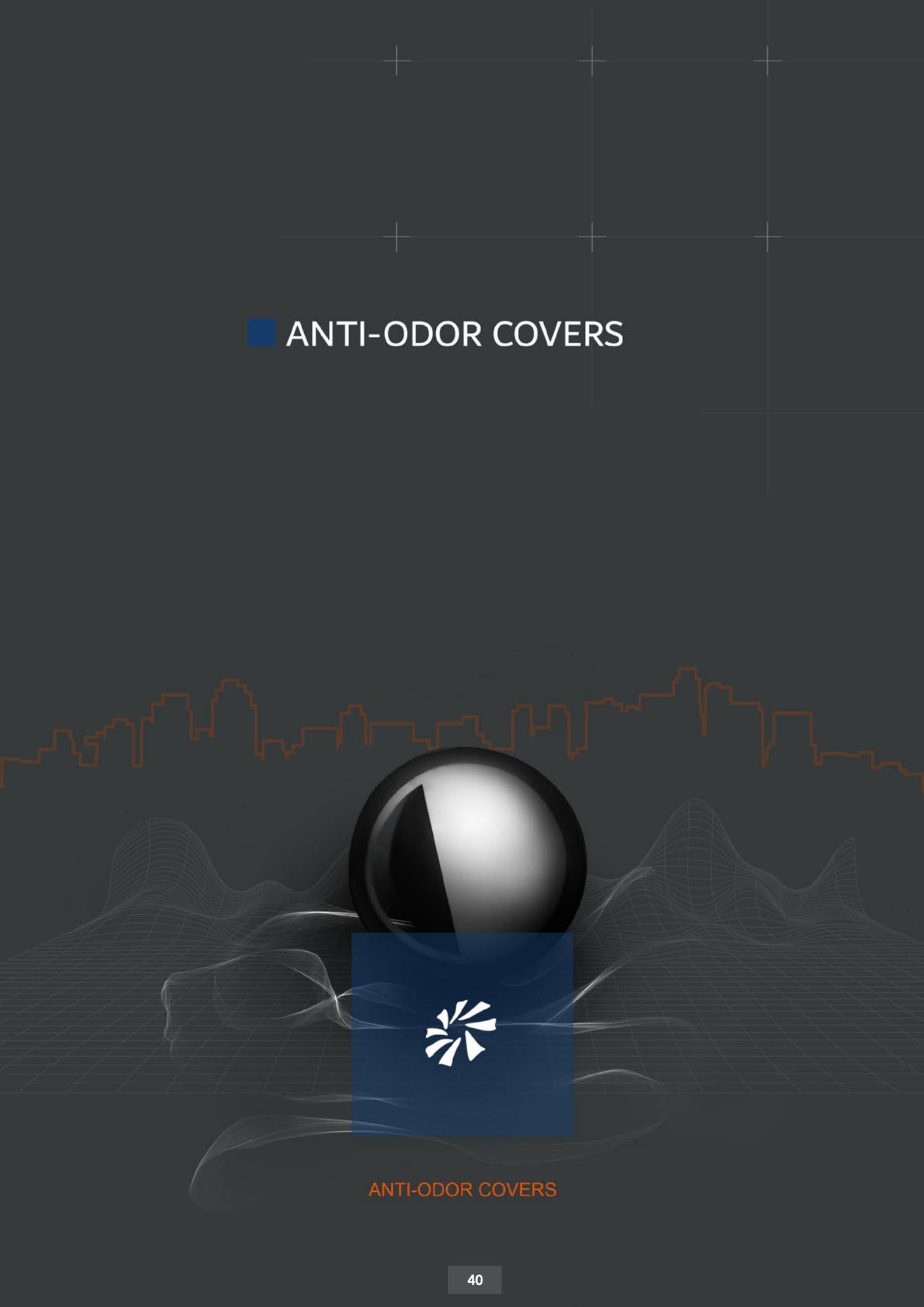


Ladder
P10



* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



■ ANTI-ODOR COVERS



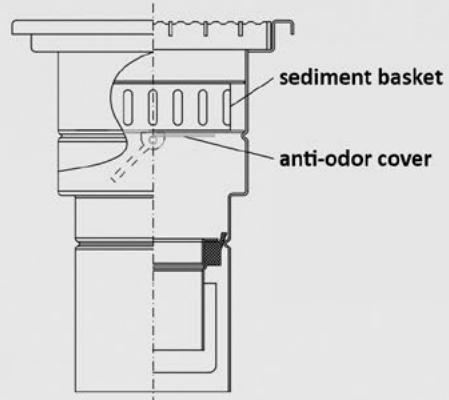
ANTI-ODOR COVERS



ANTI-ODOR



ANTI-ODOR covers
stainless steel product
with gasket



List of available anti-odor covers for floor drains with specified parameters

		Gully top (PRO and SMART floor drain)			
		200x200	250x250	300x300	400x400
Outlet diameter [mm]	50	✓	✓	✓	✓
	75	✓	✓	✓	✓
	110	✓	✓	✓	✓
	160	✗	✗	✗	✗
	200	✗	✗	✗	✗

SPECIFICATION

All anti-odor covers are made from stainless steel V2A (AISI 304) with rubber gasket.

Anti-odor covers are additional barrier before sewage gases enter the room, they close the mechanical odor in a mechanical way.

Especially used in places with low frequency of water or sewage, where a wet siphon would require additional service.

Anti-odor covers are produced for professional and semi-professional floor drains in both - horizontal and vertical versions - one and two part. Available drainage diameters: **DN50, DN75, DN110** with anti-odor inserts.

■ LINEAR DRAINS



LINEARindustrial DRAIN

LINEARslot DRAIN

CHANNELS

KMB LINEAR DRAIN

GENERAL INFORMATION

The gutter drains are made of stainless or acid-resistant steel and are used to discharge water or sewage from the floor surface to the sewage system.

This type of drainage is used in all types of food, construction and catering industries, as well as in hospitals and public utility buildings.

The slot drains are used to discharge water or sewage from the floor surface to the sewage system. They are used wherever high hydraulic capacity is not required, e.g. when cutting dry and wet zones. This type of drainage is used in all types of food, construction and catering industries, as well as in hospitals and public utility buildings.

TECHNOLOGY

the linear drains made of stainless steel AISI 304 or acid-resistant AISI 316. Dehydration is made with a drop in the bottom, standard 1%. They can also be made with another drop or without. The drains are equipped with holders for leveling feet and anchoring parts. Optional - equipped with an edge filling with a stainless profile.

CHANNEL TYPES

Industrial

[solution >>>](#)

Channel potentate>

high capacity + maximum drainage



Slot

[economic](#)

[solution >>>](#)

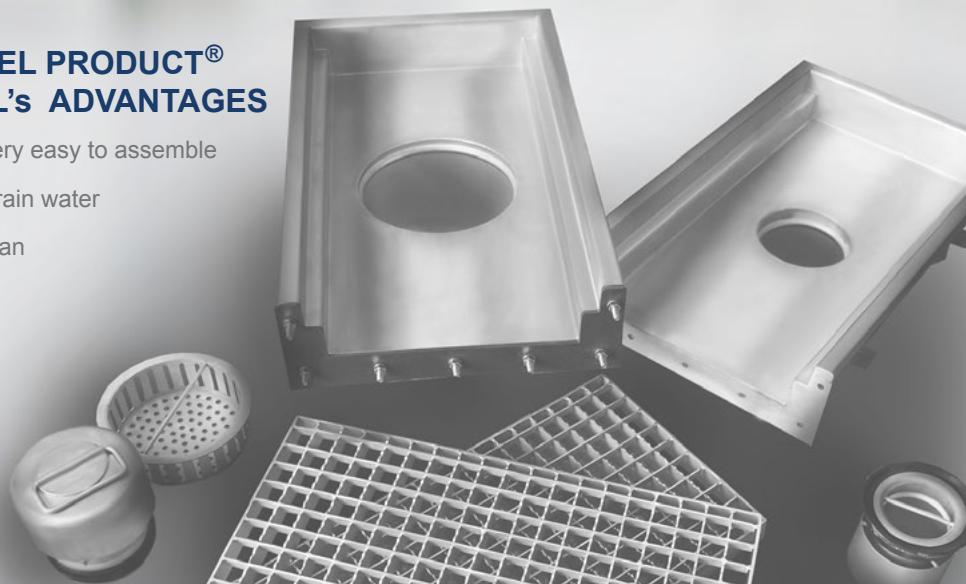
narrow gap instead of the grate

+ good price



KMB STEEL PRODUCT® CHANNEL's ADVANTAGES

- they are very easy to assemble
- perfectly drain water
- easy to clean



LINEAR
DRAINS

CHANNELS

HOW TO READ CATALOGUE SYMBOLS ?

S200	1000	2x	D110	V1	K30
WIDTH	LENGTH	NUMBER OF DRAINS	DIAMETER OF DRAINS	TYPE OF DRAINS	TYPE OF COVER
►S60			►DN50	V1 - vertical, 1-module	D - ladder
►S150			DN75	V2 - vertical, 2-modules	K - anti-slip mesh grating
►S200	according to individual customer orders	according to individual customer orders	►DN110	H1 - horizontal, 1-module	P - plate
►S220			DN160	H2 - horizontal, 2-modules	B - perforated sheet
►S250			►DN200		according to individual customer orders
►S300					
►S350					
►S400					
according to individual customer orders					

EXAMPLE:

S200-1000-2xKP-D110-V1-K30 is a gutter drainage 200 mm wide, 1000 mm long, with two vertical one-piece outlets and a 30 mm high anti-slip grating.

Depending on the width of the drainage and the selection of the appropriate type of drain, as well as its diameter, linear drains may have additional extensions at the receiving points.

On the next page there is a table with the basic dimensions of the extensions and the minimum width of the drainage for each inlet.

CHANNELS

BASIC DIMENSIONS OF EXPANSIONS WITH A MINIMUM WIDTH OF THE DRAINAGE FOR INDIVIDUAL DRAINS

Page	Type of drain	Diameter of drain [mm]	Extension dimension [mm]	Drainage pipes without extension - minimum width
15.	KP-D050-V1	50		
	KP-D075-V1	75	255x250	S250
	KP-D110-V1	110		
	KP-D160-V1	160	355x350	S350
	KP-D200-V1	200	455x450	S450
24.	KS-D050-V1	50		
	KS-D075-V1	75	225x220	S220
	KS-D110-V1	110		
31.	KM-D050-V1	50		
	KM-D075-V1	75	205x200	S200
30.	KM-D110-V1	110		
17.	KP-D050-H1	50		
	KP-D075-H1	75	255x250	S250
	KP-D110-H1	110		
	KP-D160-H1	160	355x350	S350
	KP-D200-H1	200	455x450	S450
33.	KM-D050-H1	50		
	KM-D075-H1	75	205x200	S200
34.	KM-D110-H1	110		
19.	KP-D050-V2	50		
	KP-D075-V2	75	255x250	S250
	KP-D110-V2	110		
	KP-D160-V2	160	355x350	S350
	KP-D200-V2	200	455x450	S450
36.	KM-D050-V2	50		
	KM-D075-V2	75	205x200	S200
	KM-D110-V2	110		
20.	KP-D050-H2	50		
	KP-D075-H2	75	255x250	S250
	KP-D110-H2	110		
	KP-D160-H2	160	355x350	S350
	KP-D200-H2	200	455x450	S450
38.	KM-D050-H2	50		
	KM-D075-H2	75	205x200	S200
	KM-D110-H2	110		



LINEARdrain TYPES

INDUSTRIAL

SLOT

Channels types
due to the construction

INDUSTRIAL

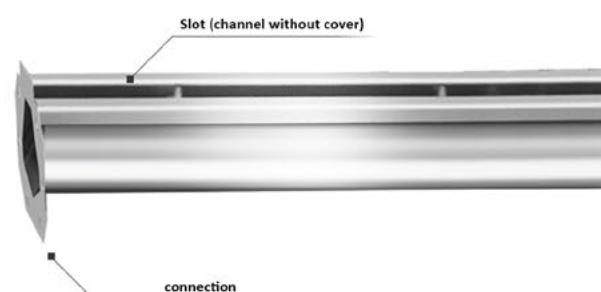
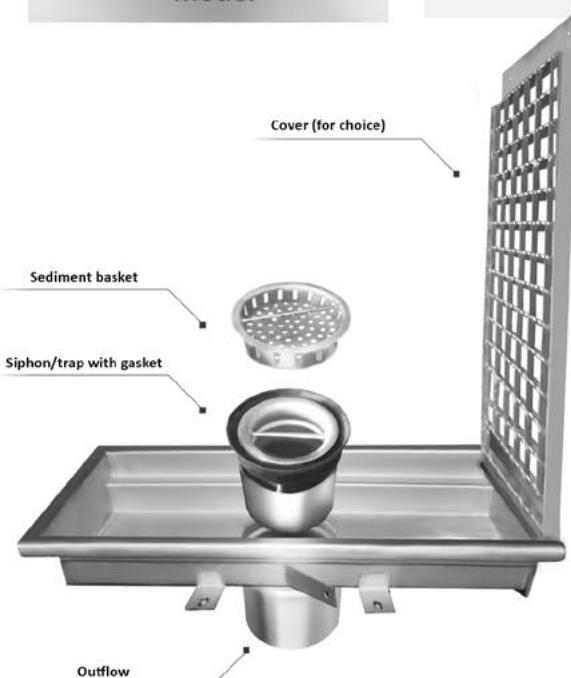
SLOT

INDUSTRIAL CHANNEL model

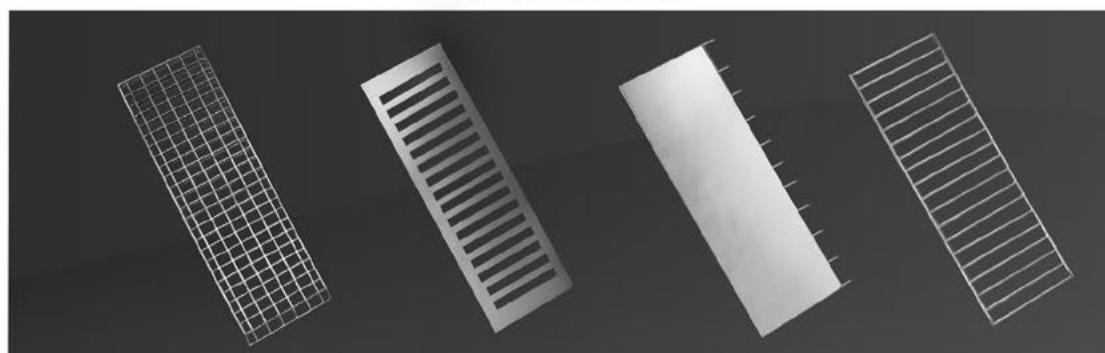
WITH COVER

WITHOUT COVER

SLOT CHANNEL model



COVERS FOR CHOICE



ANTI-SLIP
MESH GRATING



PERFORATED SHEET



PLATE



LADDER



industrial

Potentate among linear drainage systems - high capacity + maximum drainage

Channels

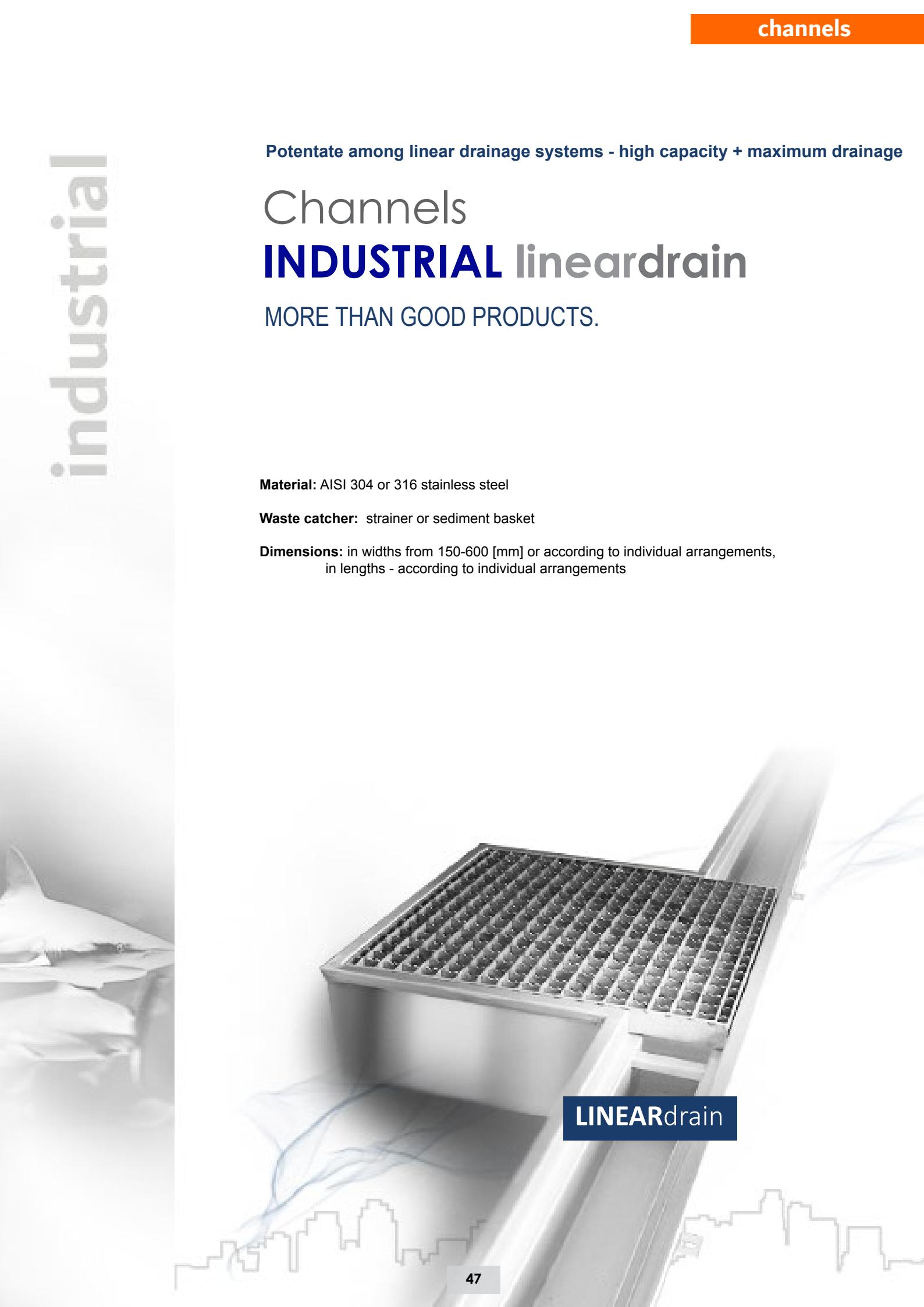
INDUSTRIAL lineardrain

MORE THAN GOOD PRODUCTS.

Material: AISI 304 or 316 stainless steel

Waste catcher: strainer or sediment basket

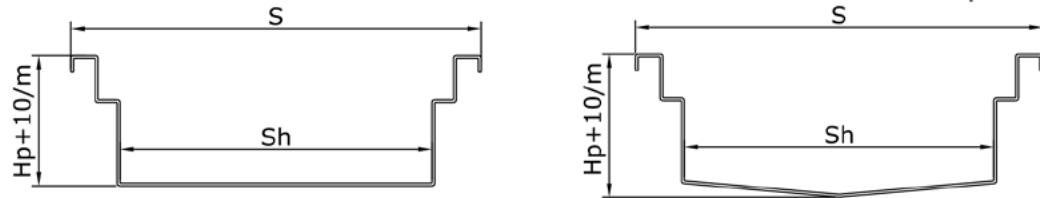
Dimensions: in widths from 150-600 [mm] or according to individual arrangements,
in lengths - according to individual arrangements



LINEARdrain

CHANNELS

TYPES OF SECTIONS AND DIMENSIONS

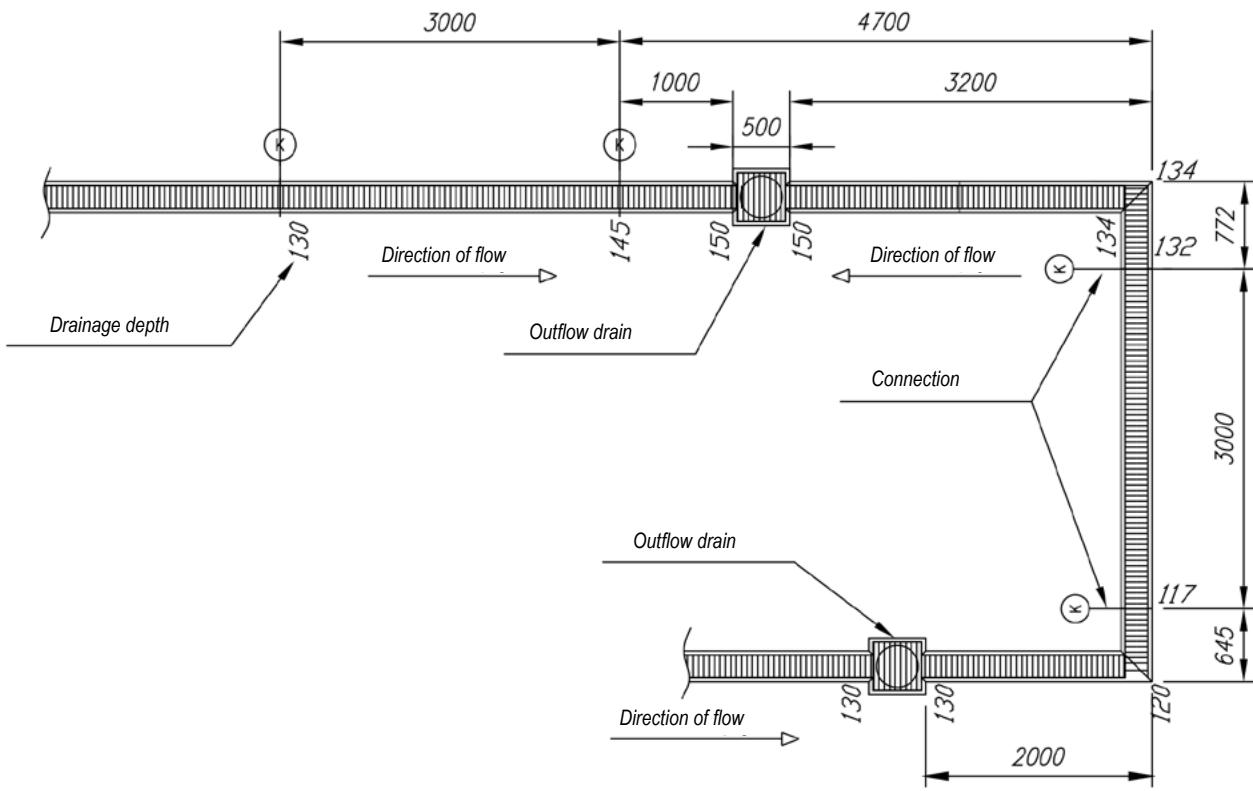


WITH A STRAIGHT BOTTOM

WITH A BROKEN BOTTOM

S - drainage width Hp - initial height Sh - hydraulic width, standard gradient 1%

SCHEME OF THE COURSE OF GUTTER DRAINAGE



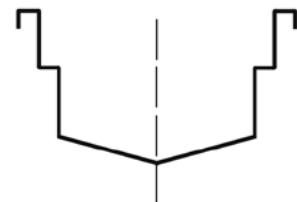
CHANNELS

TYPOWE PRZEKROJE ODWODNIĘŃ RYNNOWYCH

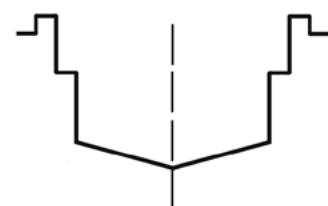
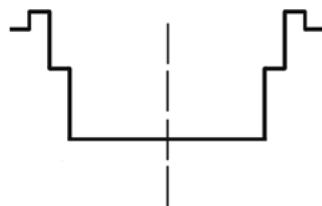
WITH A STRAIGHT BOTTOM



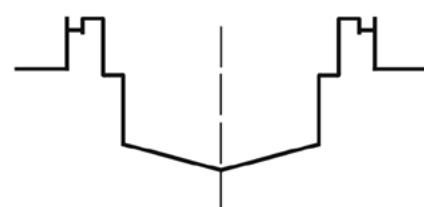
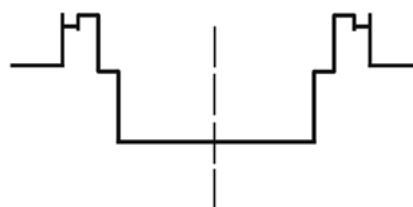
WITH A BROKEN BOTTOM
V type



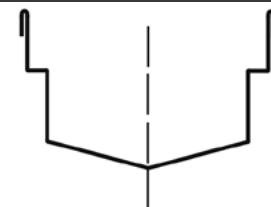
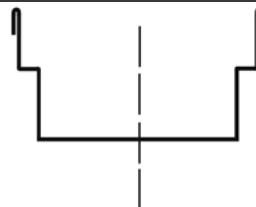
with a turn down (standard)



with a turn under the tiles



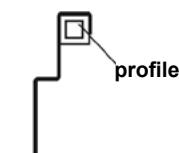
with edge angle



sharp (folded)



edge without fill



edge with fill

CHANNELS

HOW TO INSTALL THEM?



INSTALLATION OF DRAINAGE WITH 1-MODULE OUTFLOW

1. Before installing the channel, it must be protected against soiling. Take off the cover, sediment basket/strainer and siphon/trap,
2. Then, turn all the parts of linear drain, abt get a tight seal between them. - combination: flange - gasket - flange
3. Next step is the install to the sewage system,
4. After that, we set and level well (the edge should be 1,0-1,5 mm under the surface of floor),
5. Don't forget about protect against displacement before concreting,
6. Use struts - to avoid narrowing of linear drain,
7. A flexible joint should be used.

INSTALLATION OF DRAINAGE WITH 2-MODULES OUTFLOW

1. Before installing the channel, it must be protected against soiling. Take off the cover, sediment basket/strainer and siphon/trap,
2. Then, bottom module of flow we stick to the ceiling - 10-15 mm and in the hollow within 10 cm from the edge of the flange,
3. Next step is the ceiling insulation - press the flange against the collar,
4. After that, turn all the parts of linear drain, abt get a tight seal between them. - combination: flange - gasket - flange,
5. We set and level well (the edge should be 1,0-1,5 mm under the surface of floor),
6. Use a wedge gasket,
7. Don't forget about protect against displacement before concreting,
8. Use struts - to avoid narrowing of linear drain,
9. A flexible joint should be used.



Economical solution - narrow SLOT instead of grate + good price

Channels **SLOT** lineardrain

MORE THAN GOOD PRODUCTS.

Material: AISI 304 or 316 stainless steel

Waste catcher: strainer or sediment basket

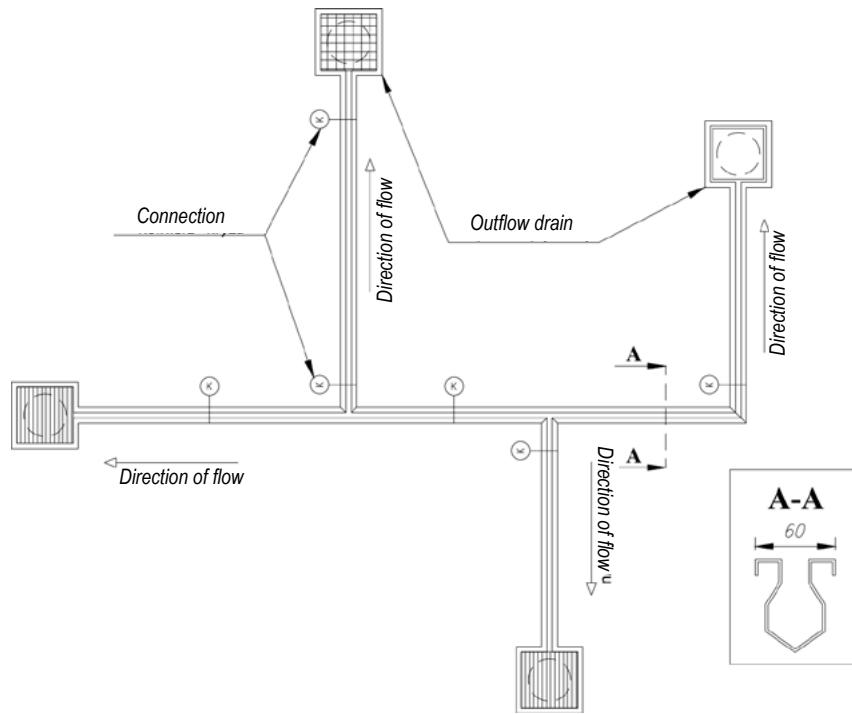
Dimensions: according to individual arrangements



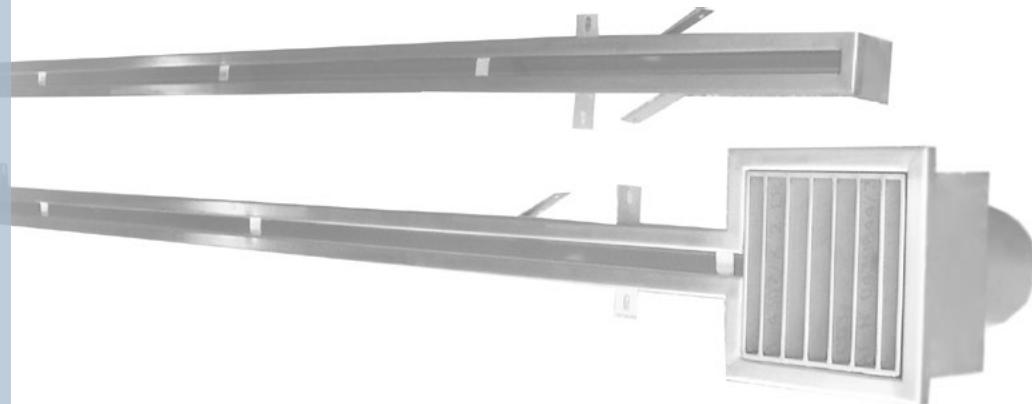
LINEARdrain

CHANNELS

SCHEME OF LINEAR DRAINS



LINEAR DRAINS



The depth of drainage increases as the bottom falls. It is also possible to make drainages without a fall. The standard starting depth is 65mm and the slope is 0.5-1.0%.

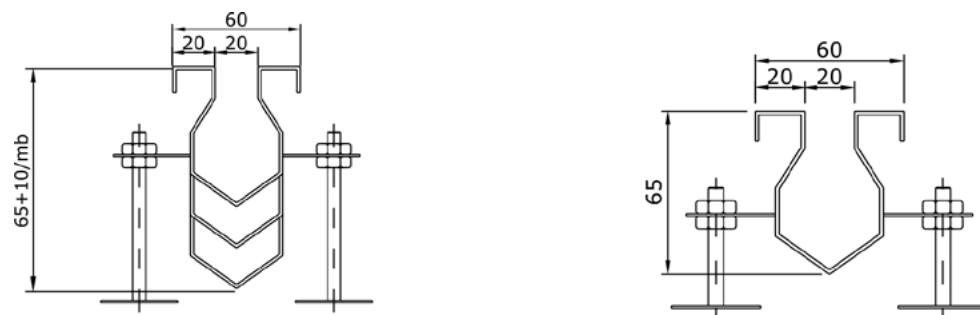
At the customer's request, drainage systems with a different slope or a lower initial height can be produced.

CHANNELS

TYPES OF FILLING EDGES



DRAIN SECTIONS WITH DIMENSIONS



KMB STEEL PRODUCT® CHANNELS ADVANTAGES

- they are cheaper solutions compared to gutter drains
- fit well as an architectural element
- no cover grate - lower purchase costs
- they can be combined with other types of drainage

LINEAR
DRAINS





■ MANHOLE COVERS AND RODDING EYES

Revision elements
MANHOLE COVERS RODDING EYES

REVISION ELEMENTS

MANHOLE COVERS & RODDING EYES

GENERAL INFORMATIONS

PRO floor revisions, also called hatches or cleaners, are used wherever access to underfloor installations is required, e.g. halls, galleries, restaurants or warehouses. The elements finishing the surface of the hatch can be floor tiles, terracotta and others.

TECHNOLOGY

All KMB STEEL PRODUCT revisions are made of stainless steel (AISI 304 or AISI 316), thanks to which they ensure durability and functionality in use, as well as meet sanitary requirements. We also offer aluminum manhole covers.

REVISION ELEMENTS TYPES



Perfectly matched
revision
solution >>>
RP SERIES | RPW SERIES

Perfectly matched
manhole covers >>>
PRO RP SERIES | PRO RPW SERIES
PRO RPZ SERIES | ALU SERIES | PS



RODDING
EYES



MANHOLE
COVERS



KMB STEEL PRODUCT® REVISION ELEMENTS ADVANTAGES

- they are very easy to assemble
- they are an aesthetic architectural element
- give you full control over the entire installation

Perfect matched - perfect control + good price

Revision elements **RP & RPW Rodding eyes**

MORE THAN GOOD PRODUCTS.

Material: AISI 304 or 316 stainless steel

Types : RP with cover or RPW for filling

Load classes: K3 - L15 for the revision under the filling with RPW tiles,
K3 - L15 - M125 - N250 - P400 - for revisions with a full cover RP





KMB STEEL PRODUCT®

SINCE 2009

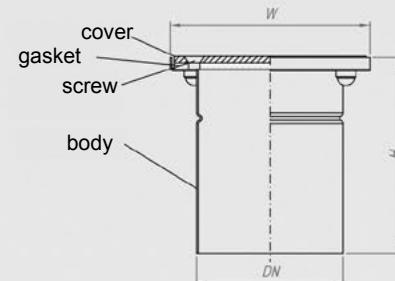
INDIVIDUAL SOLUTION OF STAINLESS STEEL

RP SERIES



RP RODDING EYES
with square top
with full cover
VERTICAL

1- MODULE



Symbol	RP150-D110	RP200-D110	RP200-D160	RP250-D160	RP250-D200	RP300-D200
W	150x150	200x200	200x200	250x250	250x250	300x300
Dimensions [mm]	H	150	150	150	150	150
DN	110	110	160	160	200	200

ACCESORIES

Advantages:

- simple construction
- easy assembly
- they are an aesthetic architectural element
- they are corrosion resistant

KMB STEEL PRODUCT® provides complete rodding eyes along with the necessary accessories. Any custom orders please consult our Technical Department.



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COVERS
(one type to choice)

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

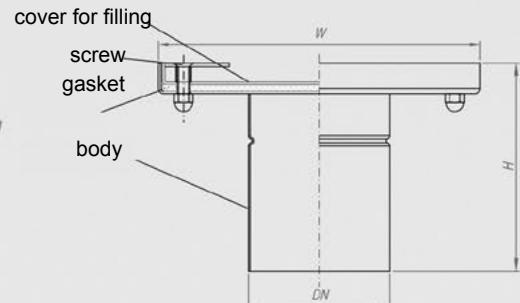
INDIVIDUAL SOLUTION OF STAINLESS STEEL

RPW SERIES



RPW RODDING EYES
with square top
for filling
VERTICAL

1- MODULE



Symbol	RPW200-D110	RPW200-D160	RPW250-D160	RPW250-D200	RPW300-D200																														
Dimensions [mm]	<table border="1"> <tr> <td>W</td><td>200x200</td></tr> <tr> <td>H</td><td>150</td></tr> <tr> <td>DN</td><td>110</td></tr> </table>	W	200x200	H	150	DN	110	<table border="1"> <tr> <td>W</td><td>200x200</td></tr> <tr> <td>H</td><td>150</td></tr> <tr> <td>DN</td><td>160</td></tr> </table>	W	200x200	H	150	DN	160	<table border="1"> <tr> <td>W</td><td>250x250</td></tr> <tr> <td>H</td><td>150</td></tr> <tr> <td>DN</td><td>160</td></tr> </table>	W	250x250	H	150	DN	160	<table border="1"> <tr> <td>W</td><td>250x250</td></tr> <tr> <td>H</td><td>150</td></tr> <tr> <td>DN</td><td>200</td></tr> </table>	W	250x250	H	150	DN	200	<table border="1"> <tr> <td>W</td><td>300x300</td></tr> <tr> <td>H</td><td>150</td></tr> <tr> <td>DN</td><td>200</td></tr> </table>	W	300x300	H	150	DN	200
W	200x200																																		
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H	150																																		
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W	300x300																																		
H	150																																		
DN	200																																		

ACCESSORIES

KMB STEEL PRODUCT® provides complete rodding eyes along with the necessary accessories. Any custom orders please consult our Technical Department.



Rodding eyes

Floor revisions for filling are the perfect solution for those who appreciate functionality with ease of use and a nice design.

The interior of the cover can be filled with the same type of „floor” that we use around the panel revision, i.e. one that we adapt to our needs. The inspection is additionally equipped with a gasket that protects against the leakage of unpleasant odors from the sewage system and is secured with 4 screws.

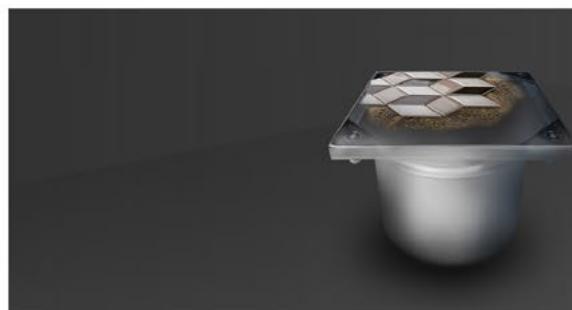


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Application example





KMB STEEL PRODUCT®

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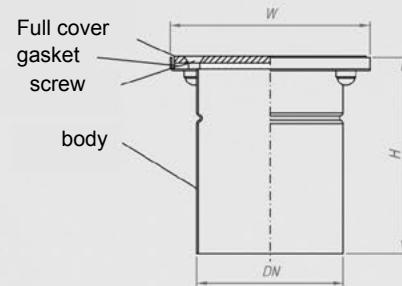
INDIVIDUAL SOLUTION OF STAINLESS STEEL

RPO SERIES



RPO RODDING EYES
with circle top
with full cover
VERTICAL

1- MODULE



Symbol	RPO150-D110	RPO200-D110	RPO200-D160	RPO250-D160	RPO250-D200
Dimensions [mm]	W	ø150	ø195	ø195	ø250
	H	150	150	150	150
	DN	110	110	160	200

ACCESSORIES

ADVANTAGES

- simple construction
- easy assembly
- they are an aesthetic architectural element
- they are corrosion resistant

KMB STEEL PRODUCT® provides complete rodging eyes along with the necessary accessories. Any custom orders please consult our Technical Department.



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tel./fax +48 12-20-20-408



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COVERS

(one type to choice)



* - fill the symbol with the selected type of cover

Perfect matched - perfect control + good price

Revision elements **PRO RP & PRO RPW** **PRO RPZ & PRO RPS & ALU**

Manhole Covers

MORE THAN GOOD PRODUCTS.

Material: AISI 304 or 316 stainless steel or aluminium

Types: PRO RP - with cover

PRO RPW - for filling terracotta, tiles, paving stones, etc.

PRO RPZ - with cover, used, among others in water reservoirs

PRO RPS - with cover, **with actuator**

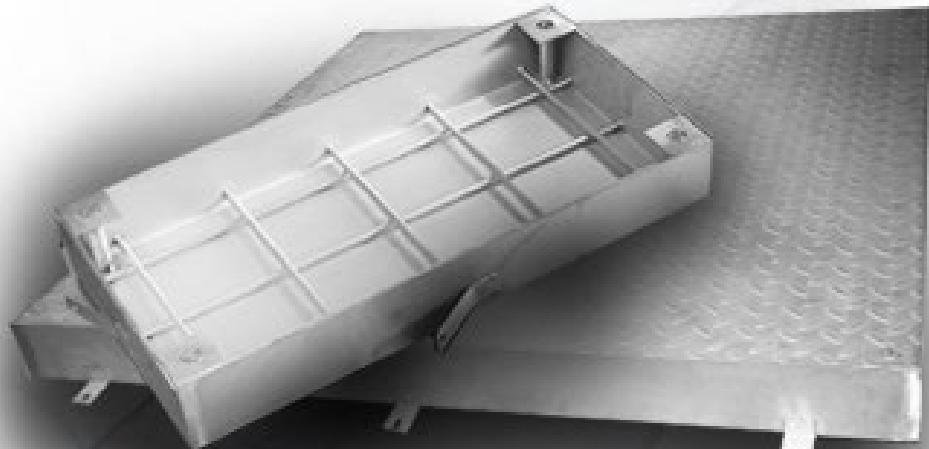
ALU - aluminium - light and aesthetic.

We also offer aluminum manhole covers:

BASIC type, **with actuator and a NEW series: LIGHT** type,

MEDIUM type and **MAXI** type

PR - an alternative to manholes - a stainless solution





KMB STEEL PRODUCT®

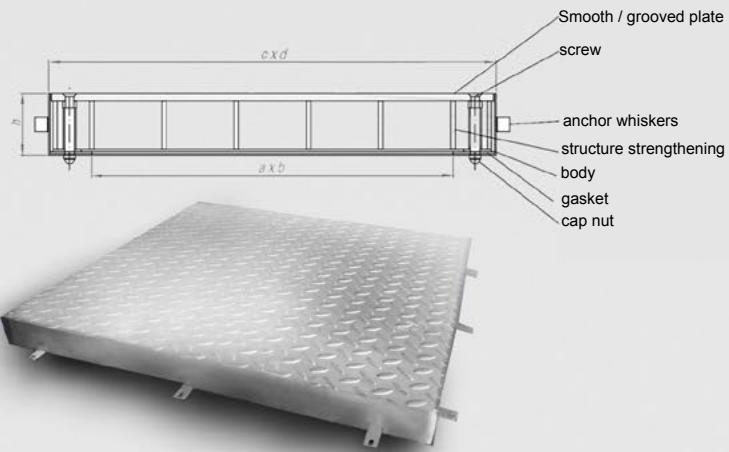
SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO RP SERIES



PRO RP Manhole covers
with full cover

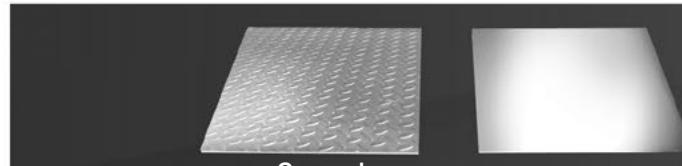


Catalog number	c x d [mm]	a x b [mm]	h [mm]
PRO-RP-420X420	420 x 420	300 x 300	75
PRO-RP-520X520	520 x 520	400 x 400	75
PRO-RP-620X620	620 x 620	500 x 500	75
PRO-RP-720X720	720 x 720	600 x 600	75
PRO-RP-820X820	820 x 820	700 x 700	75
PRO-RP-920X920	920 x 920	800 x 800	75
PRO-RP-1020X1020	1020 x 1020	900 x 900	75
PRO-RP-1120X1120	1120 x 1120	1000 x 1000	75
PRO-RP-XXX-XXX	on the customer's order	on the customer's order	on the customer's order

ACCESORIES

KMB STEEL PRODUCT® provides complete manhole covers along with the necessary accessories. Any custom orders please consult our Technical Department.

Cover * (for choice):



* load class to be agreed





KMB STEEL PRODUCT®

SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO RPW SERIES



PRO RPW Manhole covers
for filling

GAS-TIGHT



Catalog number	c x d [mm]	a x b [mm]	h [mm]
PRO-RPW-420X420	420 x 420	300 x 300	85
PRO-RPW-520X520	520 x 520	400 x 400	85
PRO-RPW-620X620	620 x 620	500 x 500	85
PRO-RPW-720X720	720 x 720	600 x 600	85
PRO-RPW-820X820	820 x 820	700 x 700	85
PRO-RPW-920X920	920 x 920	800 x 800	85
PRO-RPW-1020X1020	1020 x 1020	900 x 900	85
PRO-RPW-1120X1120	1120 x 1120	1000 x 1000	85
PRO-RPW-xxxxxxx	on the customer's order	on the customer's order	on the customer's order



KMB STEEL PRODUCT®

SINCE 2009

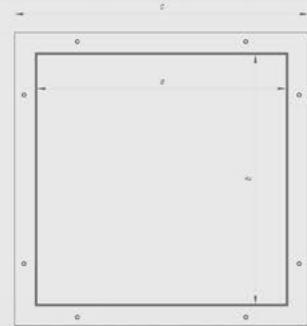
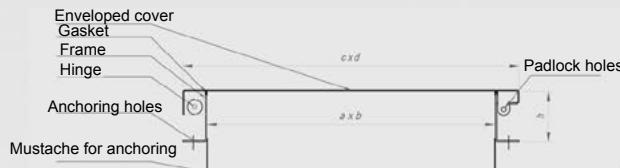
INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO RPZ SERIES



PRO RPZ Manhole covers
for industrial tanks

WITH FULL COVER



Catalog number	c x d [mm]	a x b [mm]	h [mm]
PRO-RPZ-400X400	400 x 400	300 x 300	105
PRO-RPZ-500X500	500 x 500	400 x 400	105
PRO-RPZ-600X600	600 x 600	500 x 500	105
PRO-RPZ-700X700	700 x 700	600 x 600	105
PRO-RPZ-800X800	800 x 800	700 x 700	105
PRO-RPZ-900X900	900 x 900	800 x 800	105
PRO-RPZ-1000X1000	1000 x 1000	900 x 900	105
PRO-RPZ-1100X1100	1100 x 1100	1000 x 1000	105
PRO-RPZ-XXX-XXX	on the customer's order	on the customer's order	on the customer's order

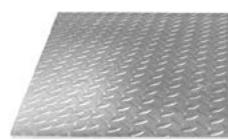
ACCESSORIES

Variants to choose from:

- with safety grate
- with ventilation
- with warming
- with lifts - „gas springs”

- stainless steel AISI 304 or 316
- with gasket
- closed with a pressure lock or padlock
- version with a smooth or grooved cover

Cover * (for choice):



Grooved



Plate

* load class to be agreed





KMB STEEL PRODUCT®

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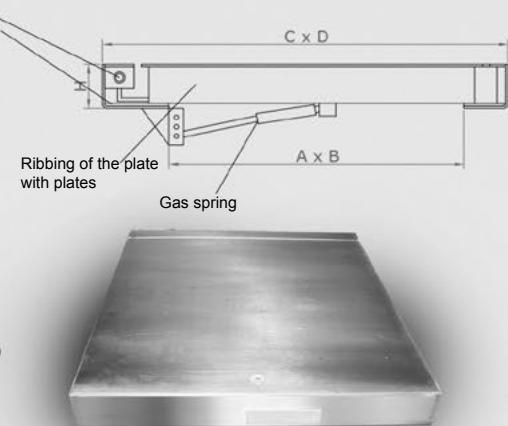
INDIVIDUAL SOLUTION OF STAINLESS STEEL

PRO RPS SERIES



PRO RPS Manhole covers
WITH FULL COVER

WITH ACTUATOR

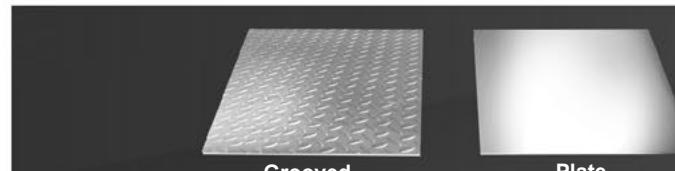


Catalog number	inside [mm]	outside [mm]	h [mm]
PRO-RPS-400x400	400 x 400	550 x 500	60/80/100
PRO-RPS-500x500	500 x 500	650 x 600	60/80/100
PRO-RPS-600x600	600 x 600	750 x 700	60/80/100
PRO-RPS-700x700	700 x 700	850 x 800	60/80/100
PRO-RPS-800x800	800 x 800	950 x 900	60/80/100
PRO-RPS-900x900	900 x 900	1050 x 1000	60/80/100
PRO-RPS-1000x1000	1000 x 1000	1150 x 1100	60/80/100
PRO-RPS-XXX-XXX	on the customer's order	on the customer's order	on the customer's order

ACCESSORIES

KMB STEEL PRODUCT® provides complete manhole covers along with the necessary accessories. Any custom orders please consult our Technical Department.

Cover * (for choice):



* load class to be agreed





KMB STEEL PRODUCT®

SINCE 2009

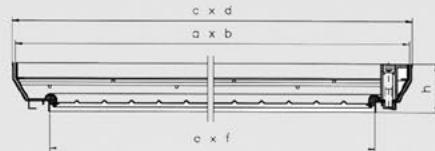
INDIVIDUAL SOLUTION OF STAINLESS STEEL

ALU BASIC SERIES



ALU BASIC Aluminium Manhole covers
Gas-tight

for filling



Catalog number	c x d [mm]	e x f [mm]	h [mm]
PRO-RPW-420X420-ALU	420 x 420	300 x 300	75
PRO-RPW-520X520-ALU	520 x 520	400 x 400	75
PRO-RPW-620X620-ALU	620 x 620	500 x 500	75
PRO-RPW-720X720-ALU	720 x 720	600 x 600	75
PRO-RPW-820X820-ALU	820 x 820	700 x 700	75
PRO-RPW-920X920-ALU	920 x 920	800 x 800	75
PRO-RPW-1020X1020-ALU	1020 x 1020	900 x 900	75
PRO-RPW-1120X1120-ALU	1120 x 1120	1000 x 1000	75

ACCESSORIES

KMB STEEL PRODUCT® provides complete manhole covers along with the necessary accessories. Any custom orders please consult our Technical Department.

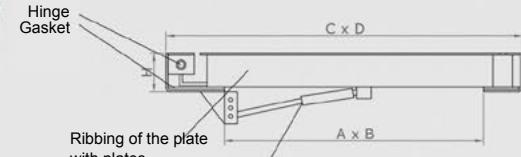


KMB STEEL PRODUCT®

SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

ALU SERIES
WITH ACTUATORS

ALU Aluminium Manhole covers
Gas-tight
WITH ACTUATORS

Catalog number	inside [mm]	outside [mm]	h [mm]
PRO-RPW-410x410-ALU with actuators	410 x 410	500 x 500	60/80
PRO-RPW-510x510-ALU with actuators	510 x 510	600 x 600	60/80
PRO-RPW-610x610-ALU with actuators	610 x 610	700 x 700	60/80
PRO-RPW-710x710-ALU with actuators	710 x 710	800 x 800	60/80
PRO-RPW-810x810-ALU with actuators	810 x 810	900 x 900	60/80
PRO-RPW-910x910-ALU with actuators	910 x 910	1000 x 1000	60/80

ACCESSORIES

KMB STEEL PRODUCT® provides complete manhole covers along with the necessary accessories. Any custom orders please consult our Technical Department.





KMB STEEL PRODUCT®

SINCE 2009

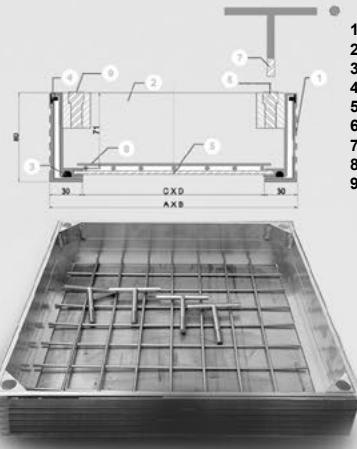
INDIVIDUAL SOLUTION OF STAINLESS STEEL

NEW SERIES ALU LIGHT SERIES



ALU LIGHT Aluminium Manhole covers
Gas-tight

for filling



1. Outer frame
2. Inner cover
3. 8 mm EPDM gasket
4. EPDM T-gasket
5. 3 mm galvanized steel sheet
6. Stainless steel screw, Din 912 m8x20 mm
7. Galvanized key
8. Galvanized reinforcement grating
9. Plastic plug

ALU LIGHT			
Catalog number	outside dimension [mm]	inside dimension [mm]	H [mm]
AluLight -300x300	300x300	240x240	40/60/80/100
AluLight -400x400	400x400	340x340	40/60/80/100
AluLight -500x500	500x500	440x440	40/60/80/100
AluLight -600x600	600x600	540x540	40/60/80/100
AluLight -700x700	700x700	640x640	40/60/80/100
AluLight -800x800	800x800	740x740	40/60/80/100
AluLight -900x900	900x900	840x840	40/60/80/100
AluLight -1000x1000	1000x1000	940x940	40/60/80/100

ACCESSORIES

The set includes 2 or 4 lifting keys (depending on the size) and a reinforcement mesh.

We use them especially for pedestrian and light wheeled traffic (shopping carts, wheelchairs, prams).

The NEW ALU LIGHT series are odors and liquids impermeable aluminum inspection hatches with a cover placed freely in the outer frame.

LIGHT type manholes are equipped with two seals: a gasket in the bottom and a T-shaped gasket placed on the side edge of the outer frame.



KMB STEEL PRODUCT®

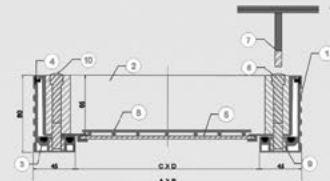
SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

NEW SERIES ALU MEDIUM SERIES

ALU MEDIUM Aluminium Manhole covers
Gas-tight

for filling



1. Outer frame
2. Inner cover
3. 8 mm EPDM gasket
4. EPDM T-gasket
5. 3 mm galvanized steel sheet
6. Stainless steel screw, Din 912 m8x65mm
7. Galvanized key
8. Galvanized reinforcement grating
9. Stainless steel fastener
10. Plastic plug



ALU MEDIUM			
Catalog number	outside dimension [mm]	inside dimension [mm]	H [mm]
AluMEDIUM-300x300	300x300	210x210	40/60/80/100
AluMEDIUM-400x400	400x400	310x310	40/60/80/100
AluMEDIUM-500x500	500x500	410x410	40/60/80/100
AluMEDIUM-600x600	600x600	510x510	40/60/80/100
AluMEDIUM-700x700	700x700	610x610	40/60/80/100
AluMEDIUM-800x800	800x800	710x710	40/60/80/100
AluMEDIUM-900x900	900x900	810x810	40/60/80/100
AluMEDIUM-1000x1000	1000x1000	910x910	40/60/80/100

ACCESSORIES

The set includes 2 or 4 lifting keys (depending on the size) and a reinforcement mesh.

We use it for pedestrian and light wheeled traffic (shopping carts) and heavy with little traffic (e.g. electric trucks).

The NEW ALU MEDIUM series are odors, gases and liquids impermeable inspection hatches with a cover fixed to the outer frame with screws.

MEDIUM type manholes are equipped with three seals: two seals in the bottom and a T-shaped seal located on the side edge of the outer frame.



KMB STEEL PRODUCT®

SINCE 2009

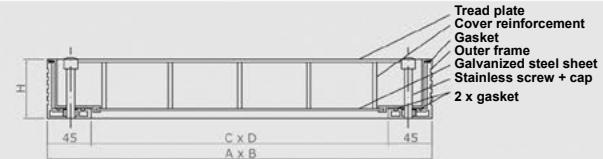
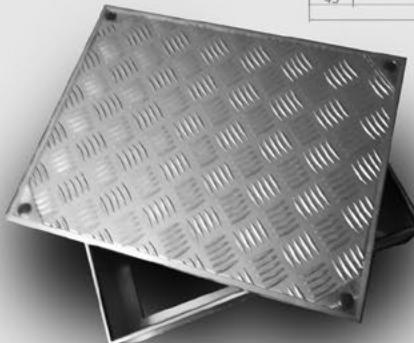
INDIVIDUAL SOLUTION OF STAINLESS STEEL ZEWNĘTRZNEJ

NEW SERIES
ALU MEDIUM SERIES



ALU MEDIUM Aluminium Manhole covers
 Gas-tight

WITH FULL COVER



ALU MEDIUM

Catalog number	outside dimension [mm]	inside dimension [mm]	H [mm]
AluMEDIUM-300x300	300x300	210x210	40/60/80/100
AluMEDIUM-400x400	400x400	310x310	40/60/80/100
AluMEDIUM-500x500	500x500	410x410	40/60/80/100
AluMEDIUM-600x600	600x600	510x510	40/60/80/100
AluMEDIUM-700x700	700x700	610x610	40/60/80/100
AluMEDIUM-800x800	800x800	710x710	40/60/80/100
AluMEDIUM-900x900	900x900	810x810	40/60/80/100
AluMEDIUM-1000x1000	1000x1000	910x910	40/60/80/100

ACCESSORIES

The set includes 2 or 4 lifting keys (depending on the size) and a reinforcement mesh.

We use it for pedestrian and light wheeled traffic (shopping carts) and heavy with little traffic (e.g. electric trucks).

The NEW ALU MEDIUM series are odors, gases and liquids impermeable inspection hatches with a cover fixed to the outer frame with screws.

MEDIUM type manholes are equipped with three seals: two seals in the bottom and a T-shaped seal located on the side edge of the outer frame.



KMB STEEL PRODUCT®

SINCE 2009

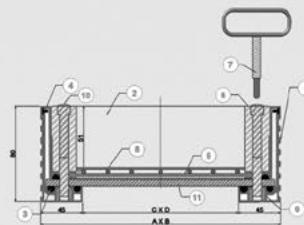
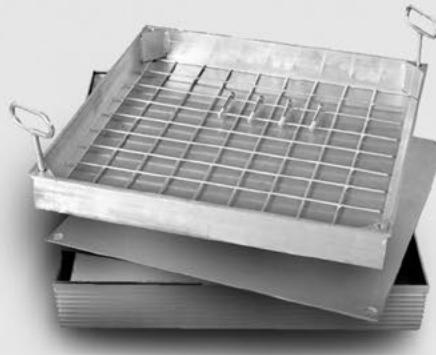
INDIVIDUAL SOLUTION OF STAINLESS STEEL

NEW SERIES ALU MAXI SERIES



ALU MAXI Aluminium Manhole covers
Gas-tight

for filling



1. Outer frame
2. Inner cover
3. 8 mm EPDM gasket
4. EPDM T-gasket
5. 3 mm galvanized steel sheet
6. Stainless steel screw, Din 912 m8x85mm
7. Galvanized key
8. Galvanized reinforcement grating
9. Stainless steel fastener
10. Plastic plug
11. 5 mm galvanized steel sheet

ALU MAXI

Catalog number	outside dimension [mm]	inside dimension [mm]	H [mm]
Alu MAXI -300x300	300x300	210x210	80/100
Alu MAXI -400x400	400x400	310x310	80/100
Alu MAXI -500x500	500x500	410x410	80/100
Alu MAXI -600x600	600x600	510x510	80/100
Alu MAXI -700x700	700x700	610x610	80/100
Alu MAXI -800x800	800x800	710x710	80/100
Alu MAXI -900x900	900x900	810x810	80/100
Alu MAXI -1000x1000	1000x1000	910x910	80/100

ACCESSORIES

The set includes 4 Quick lift wrenches and a reinforcement mesh.

We use it for pedestrian and wheel traffic with low or medium traffic (forklifts).

The NEW ALU MAXI series are aluminum inspection hatches, impermeable to odors, gases and liquids, with a cover fixed to the outer frame with screws. Hatches of this type are equipped with a double bottom system: this allows you to first remove the cover from the frame, revealing the double bottom, and then easily remove it using the same keys. MAXI hatches are equipped with three seals: two seals in the bottom and a T-shaped seal located on the side edge of the outer frame.



KMB STEEL PRODUCT®

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INDIVIDUAL SOLUTION OF STAINLESS STEEL

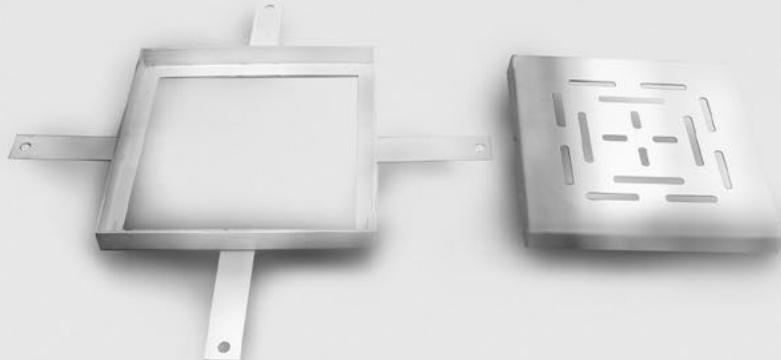
**AN ALTERNATIVE
OF THE MANHOLE COVERS**

PR SERIES



PR RODDING EYES COVERS

stainless steel



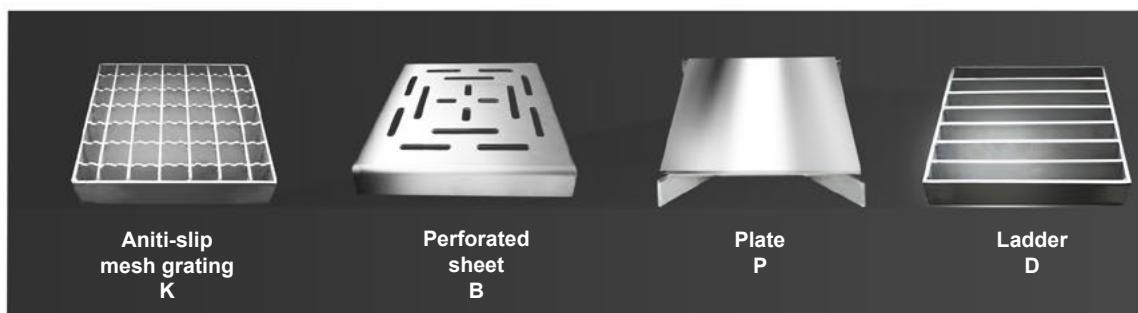
PR RODDING EYES COVERS

These are alternatives to manhole covers. They can be used pointwise or linearly. In the point version, they usually take the form of a square or a rectangle, while in the linear solution, the length of the frame exceeds at least twice its width.

ACCESSORIES

KMB STEEL PRODUCT® provides complete rodding eyes covers systems along with the necessary accessories. Any custom orders please consult our Technical Department.

COVERS
(one type to choice)





KMB STEEL PRODUCT®

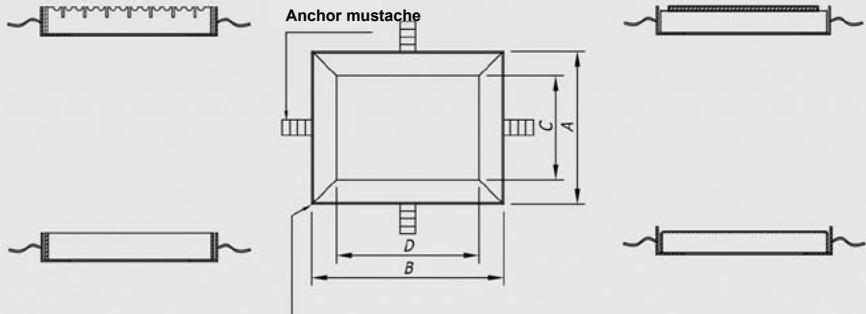
SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

**AN ALTERNATIVE
OF THE MANHOLE COVERS**
PR SERIES

PR RODDING EYES COVERS

stainless steel



PR RODDING EYES COVERS

Most often they are located in the places where channels are joined, as well as when changing directions and slopes.

They are equipped with heavy covers, e.g. for roadways, or with light covers, e.g. for pedestrian routes.

Symbol	inside dimensions axd [mm]	outside dimensions AxB [mm]	H [mm]	Type of covers
PR-200x200-ND-*	170 x 170	200 x 200	30	K,D,P,B
PR-300x300-ND-*	270 x 270	300 x 300	30	K,D,P,B
PR-400x400-ND-*	370 x 370	400 x 400	30	K,D,P,B
PR-500x500-ND-*	470 x 470	500 x 500	40	K,D,P,B
PR-600x600-ND-*	560 x 560	600 x 600	40	K,D,P
PR-700x700-ND-*	660 x 660	700 x 700	40	on the customer's order
PR-800x800-ND-*	760 x 760	800 x 800	50	on the customer's order
PR-900x900-ND-*	860 x 860	900 x 900	50	on the customer's order
PR-1000x1000-ND-*	960 x 960	1000 x 1000	50	on the customer's order

* - fill the symbol with the selected type of cover

** - the height and type of grate depends on the loads taken





KMB STEEL PRODUCT®

SINCE 2009

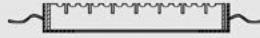
INDIVIDUAL SOLUTION OF STAINLESS STEEL

AN ALTERNATIVE
OF THE MANHOLE COVERS

PR SERIES

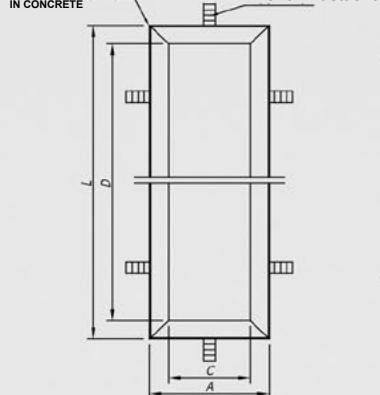
PR RODDING EYES COVERS

stainless steel



LINEAR RODDING EYE SCHEME

FRAME TO BE FOLDED IN CONCRETE



Symbol	inside dimensions CxD [mm]	outside dimensions AxL [mm]	H [mm]	Type of covers
PR-200xL-ND-*	170 x (L-30)	200 x L	30	K,D,P,B
PR-300xL-ND-*	270 x (L-30)	300 x L	30	K,D,P,B
PR-400xL-ND-*	370 x (L-30)	400 x L	30	K,D,P,B
PR-500xL-ND-*	470 x (L-30)	500 x L	30	K,D,P,B
PR-600xL-ND-*	560 x (L-40)	600 x L	40	K,D,P
PR-700xL-ND-*	660 x (L-40)	700 x L	40	on the customer's order
PR-800xL-ND-*	760 x (L-40)	800 x L	50	on the customer's order
PR-900xL-ND-*	860 x (L-40)	900 x L	50	on the customer's order
PR-1000xL-ND-*	960 x (L-40)	1000 x L	50	on the customer's order

* - fill the symbol with the selected type of cover

** - the height and type of grate depends on the loads taken



ASSEMBLY

The following conditions must be respected during the installation MANHOLE COVERS:



1. The upper part and the lower part of the cleaner must be folded during installation.
2. Remember to put spacers between the edges of the top part and bottom to avoid distorting the frame.
3. The hatch should be leveled and placed on the previously made manhole.
4. It is recommended to fill the manhole with concrete of C25 / 30 class or higher, depending on its dimensions and the size of the target filling.
5. Concrete should be of such a height that it is possible to install the floor later.

■ SPECIAL SOLUTIONS



Special solutions
RODDING EYES DRAINS

SPECIAL SOLUTIONS

KMB RODDING EYES DRAINS

GENERAL INFORMATIONS

Special solutions are tight transitions used for gluing waterproof insulation or for fixing insulation, as well as floor inspection drains enabling access to the underfloor sewage system.

TECHNOLOGY

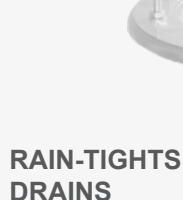
All KMB STEEL PRODUCT[®] watertight passages and inspection gullies are made of stainless or acid-resistant steel (AISI 304 or AISI 316), thanks to which they ensure durability and functionality in use, as well as meet sanitary requirements, so important for maintaining the desired hygiene.

TYPES OF SPECIAL SOLUTIONS

Perfectly sealing
 >>>
PS SERIES



Even better preview
 >>>
WRU



RAIN-TIGHTS
DRAINS



RODDING
EYES DRAINS

CHOICE OF SPECIAL SOLUTIONS

The choice is mainly determined by the following factors:



the need for better sealing of the ceiling sewage system



the need to regularly preview the installation



full supervision of the sewage system necessary

KMB STEEL PRODUCT[®] ADVANTAGES OF SPECIAL SOLUTIONS

- they are very easy to assemble
- the round shape of the body reduces the deposition of dirt
- are watertight

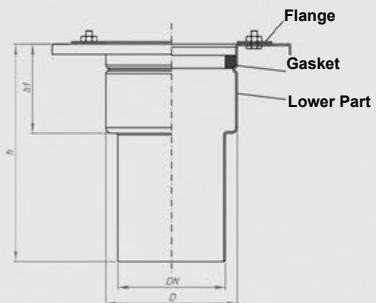


PS SERIES



PS RAIN-TIGHTS DRAINS

stainless steel



Symbol	DN	Dimensions [mm]		
		D	h	h1
PS-150-110-V2			210	
PS-200-110-V2			260	
PS-250-110-V2			310	
PS-300-110-V2	110	135	360	140
PS-350-110-V2			410	
PS-400-110-V2			460	
PS-450-110-V2			510	
PS-500-110-V2			560	
PS-150-160-V2			210	
PS-200-160-V2			260	
PS-250-160-V2			310	
PS-300-160-V2	160	195	360	140
PS-350-160-V2			410	
PS-400-160-V2			460	
PS-450-160-V2			510	
PS-500-160-V2			560	



KMB STEEL PRODUCT®

SINCE 2009

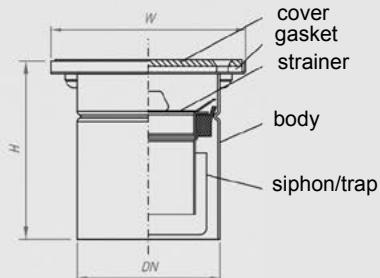
INDIVIDUAL SOLUTION OF STAINLESS STEEL

WRU SERIES



WRU Rodding eyes drains
stainless steel
VERTICAL

1-MODULE



Symbol	WRU150-D110-V1	WRU200-D110-V1
Dimensions [mm]		
W	150x150	200x200
H	150	150
DN	110	110

ACCESORIES



Siphon/Trap



Strainer

KMB STEEL PRODUCT® provides SPECIAL SOLUTIONS systems along with the necessary accessories. Any custom orders please consult our Technical Department.

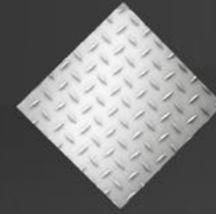


tel. +48 511-098-312
tel./fax +48 12-20-20-408



biuro@kmb-steelproduct.eu

COVERS
(one type to choice)

Plate
PGGrooved
PR

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

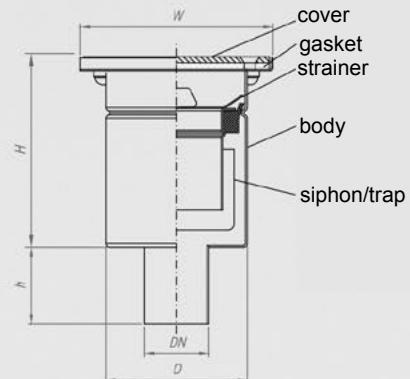
INDIVIDUAL SOLUTION OF STAINLESS STEEL

WRU SERIES



WRU Rodding eyes drains
stainless steel
VERTICAL

1-MODULE



Symbol	WRU150-D050-V1	WRU150-D075-V1	WRU200-D050-V1	WRU200-D075-V1
Dimensions [mm]	W	150x150	150x150	200x200
	H	150	150	150
	h	60	60	60
	DN	50	75	50
	D	110	110	110

ACCESORIES



Siphon/Trap



Strainer

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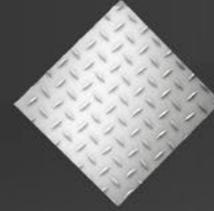


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COVERS
(one type to choice)

Plate
PGGrooved
PR

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

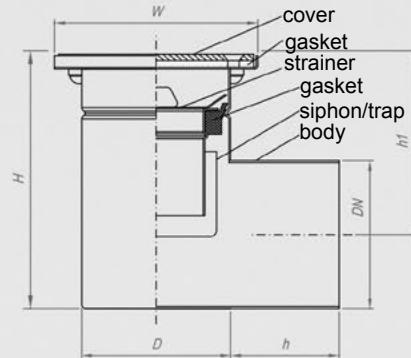
INDIVIDUAL SOLUTION OF STAINLESS STEEL

WRU SERIES



WRU Rodding eyes drains
stainless steel
HORIZONTAL

1-MODULE



Symbol	WRU150-D110-H1	WRU200-D110-H1
W	150x150	200x200
H	200	200
Dimensions [mm]	h1	145
	h	80
	DN	110
	D	110

ACCESSORIES



Siphon/Trap



Strainer

KMB STEEL PRODUCT® provides SPECIAL SOLUTIONS systems along with the necessary accessories. Any custom orders please consult our Technical Department.

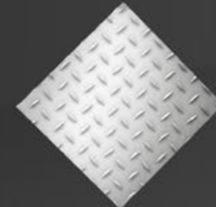


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tel./fax +48 12-20-20-408



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COVERS
(one type to choice)

Plate
PGGrooved
PR

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

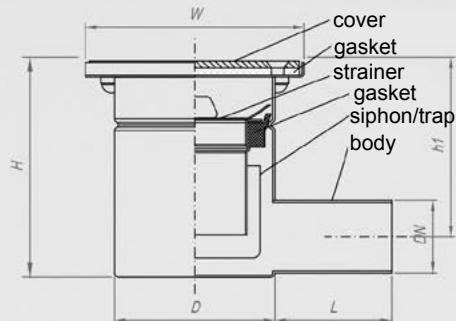
INDIVIDUAL SOLUTION OF STAINLESS STEEL

WRU SERIES

WRU Rodding eyes drains
stainless steel

HORIZONTAL

1-MODULE



Symbol	WRU150-D050-H1	WRU150-D075-H1	WRU200-D050-H1	WRU200-D075-H1
Dimensions [mm]	W	150x150	150x150	200x200
	H	150	150	150
	h1	125	113	125
	L	80	80	80
	DN	50	75	50
	D	110	110	110

ACCESSORIES



Siphon/Trap

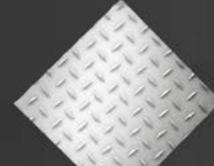


Strainer

KMB STEEL PRODUCT® provides SPECIAL SOLUTIONS systems along with the necessary accessories. Any custom orders please consult our Technical Department.

tel. +48 511-098-312
tel./fax +48 12-20-20-408

biuro@kmb-steelproduct.eu

COVERS
(one type to choice)Plate
PGGrooved
PR

* - fill the symbol with the selected type of cover

*** - in the case of road traffic, the load class should be specified



KMB STEEL PRODUCT®

SINCE 2009

INDIVIDUAL SOLUTION OF STAINLESS STEEL

OUR OFFER CONTAINS ENTIRE PRODUCT AGGLOMERATIONS
MADE OF STAINLESS STEEL, ACID-RESISTANT AND ALUMINUM



see more >>> www.draincity.pl

OUR PRODUCT ARE THE FUTURE OF ARCHITECTURE



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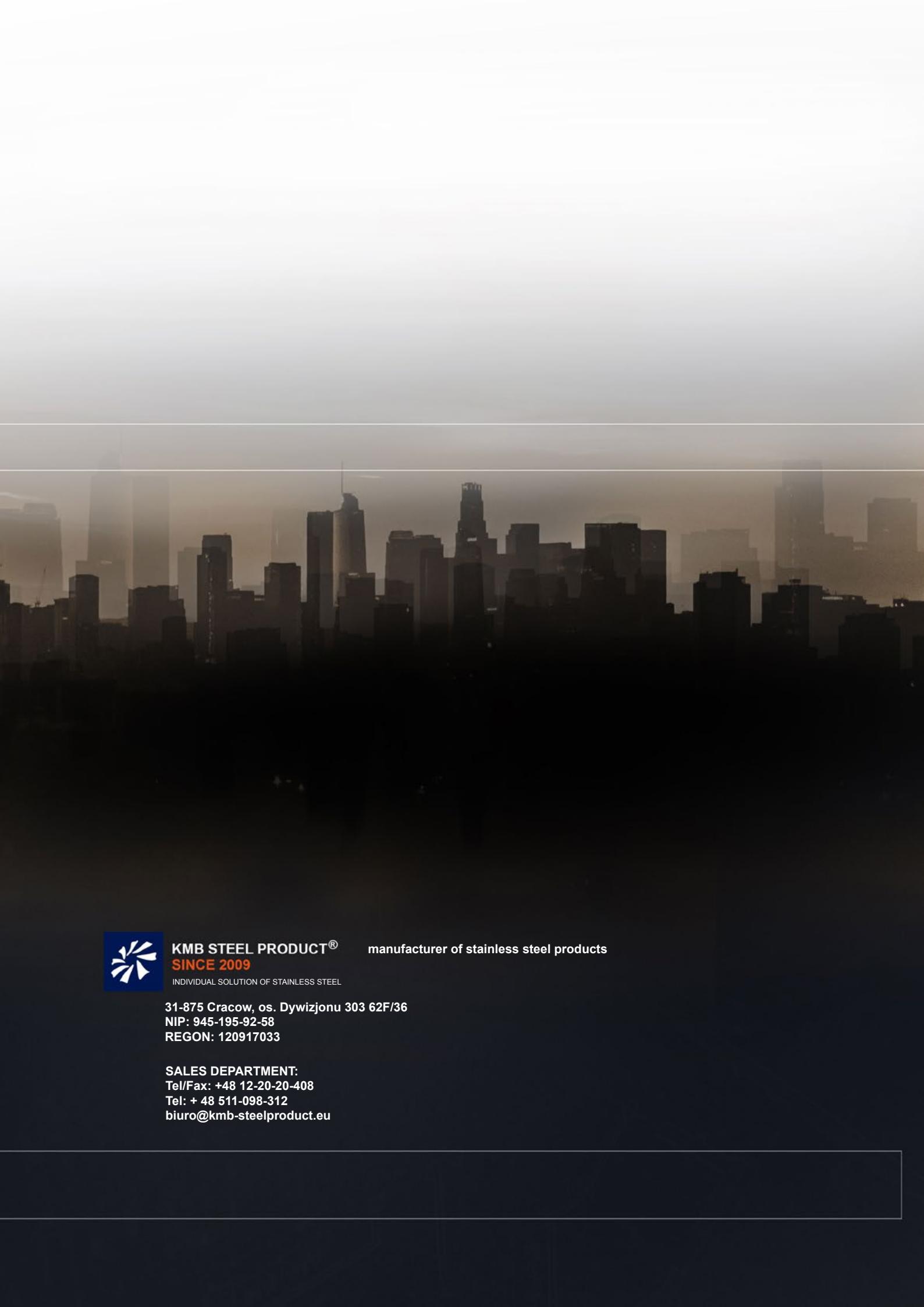
os. Dywizjonu 303 62F/36, 31-875 Kraków



NIP: 945-195-92-58 REGON: 120917033



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INDIVIDUAL SOLUTION OF STAINLESS STEEL

manufacturer of stainless steel products

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