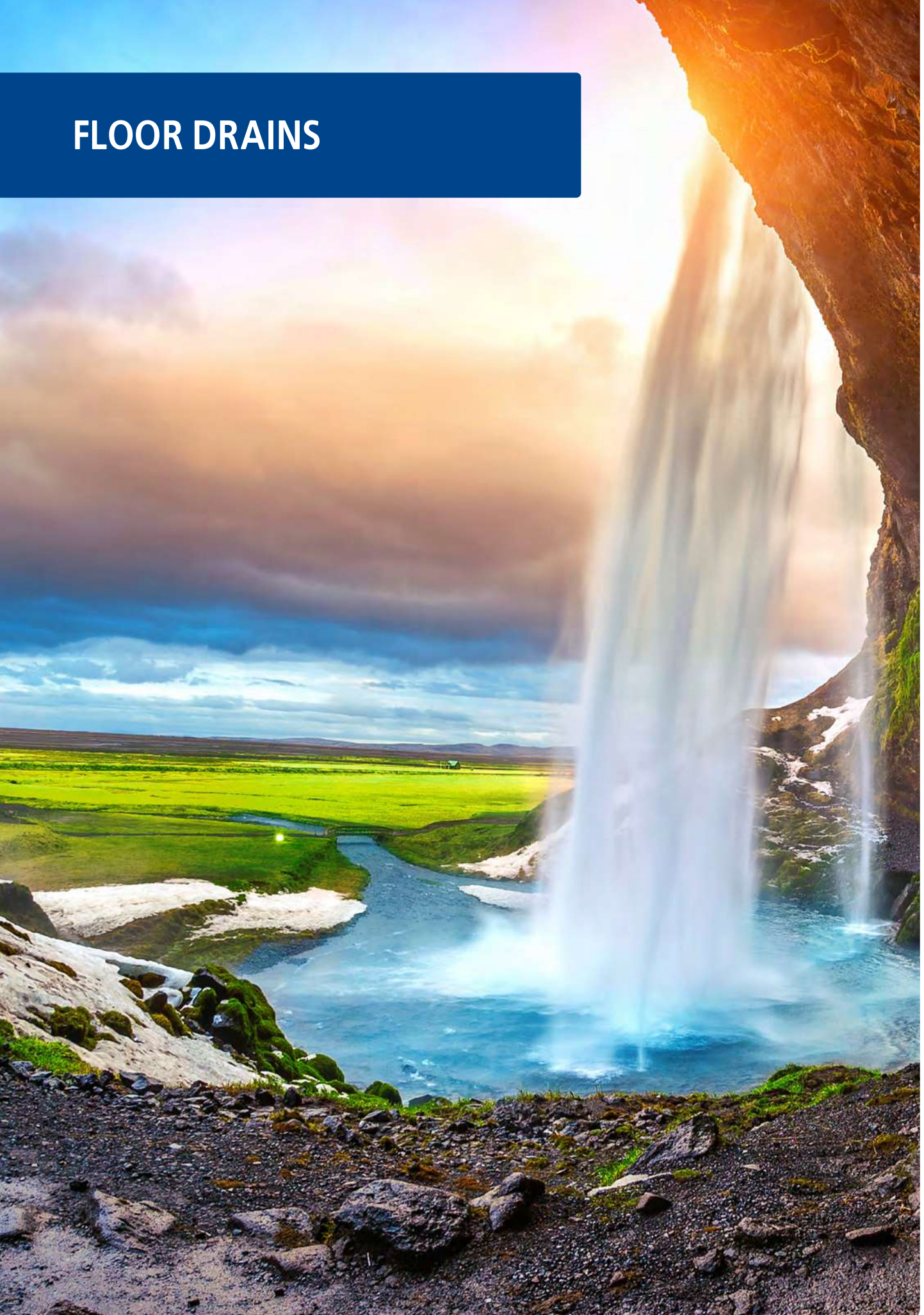


FLOOR DRAINS



FLOOR DRAINS

GENERAL INFORMATION

By standard, all floor drains and rodding eyes are made of stainless steel: AISI 304, EN 1.4301 and AISI 316L, EN 1.4404. The type of drain depends on the load class, the amount of drained liquid (medium) and design parameters (e.g. ceiling thickness).

Floor drains are made of sheet metal of thickness adapted to a defined type of drain. All elements are welded using argon shield, and then are pickled, thus ensuring high quality of joints.

ADVANTAGES OF FLOOR DRAINS

- highest hygienic design and construction standards, following EHEDG guidelines,
- possibility to select a grate depending on application and load class,
- easy installation,
- due to suitable trap design, each gully is also the sewer rodding eye,
- simple design,
- easy and effective cleaning.

Parameter	Technical information
Frame shape	Square / Round
Frame dimensions for square floor drains (mm)	Standard from 100x100 to 400x400 Other sizes on request
Frame diameter for round floor drains (mm)	Standard from 150 to 300 Other sizes on request
Body design	One piece / Two pieces
Type of outlet	Vertical / Horizontal
Size of outlet (external diameter, mm)	From 50 to 200
Capacity (l/s)	From 0.9 to 13.9
Total height (mm)	From 58 to 440
Type of grating	Mesh / Ladder / perf. plate / plate



HOW TO READ CATALOG DESIGNATIONS

W	Wm	D	Dm	XXX	YYY	V	H	B	D	K	P	S
						1	2					
W heavy duty floor drain with square upper part Wm mini floor drain with square upper part D heavy duty floor drain with round upper part Dm mini floor drain with round upper part				XXX upper part dimension YYY outlet diameter	H horizontal 1 single part V vertical 2 two part	B perforated sheet grating D ladder grating K anti-slip grating P plate grating S plate grating with circumference gasket (so-called „tight cover“)						

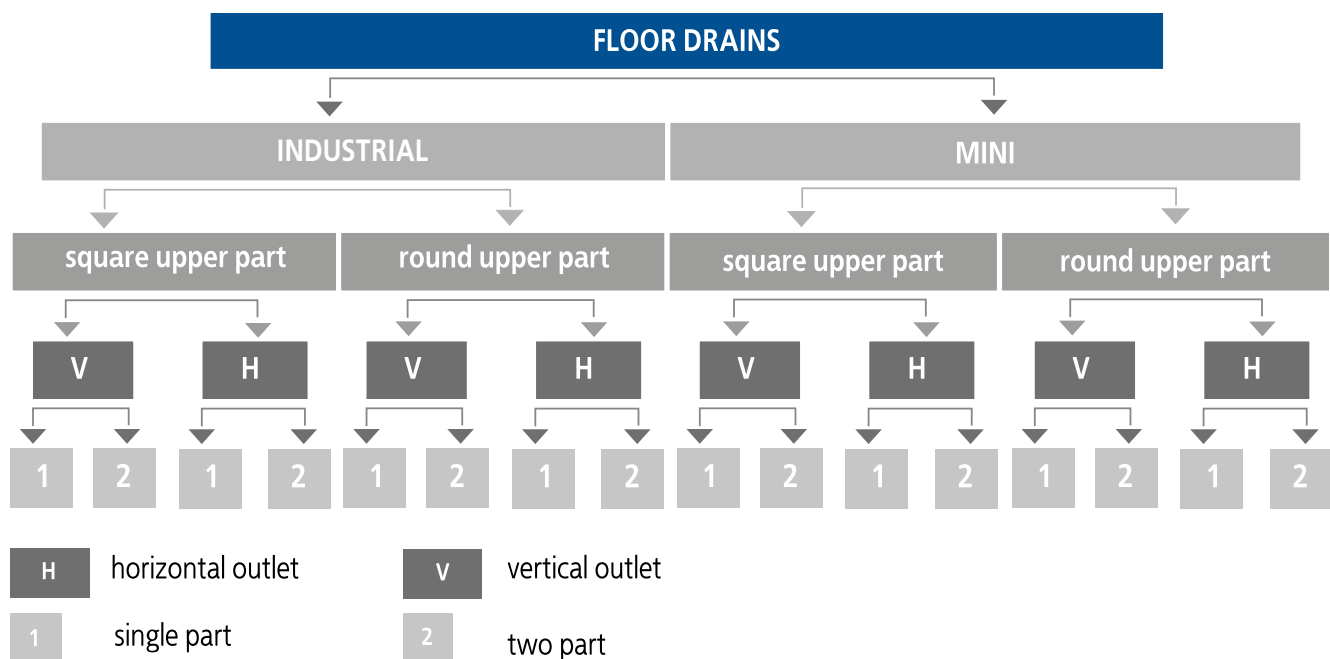
EXAMPLE 1

W300/160V2-K an industrial drain, with a square top 300 [mm], an outlet diameter of 160 [mm], vertical, two-part, with a mesh grating.

EXAMPLE 2

D260/110V1-S an industrial drain, with a round top 260 [mm], an outlet diameter of 110 [mm], vertical, single-part, with a tight plate cover (plate grating with a circumference gasket)

CHOOSE THE DRAIN YOU NEED



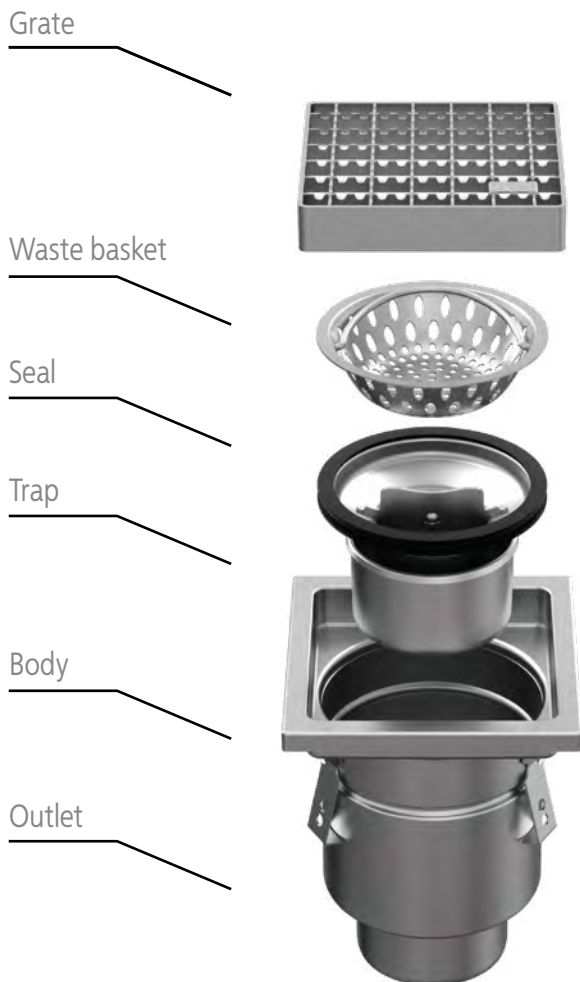
SELECTION OF FLOOR DRAINS

Appropriate floor drains are selected based on 2 main parameters:

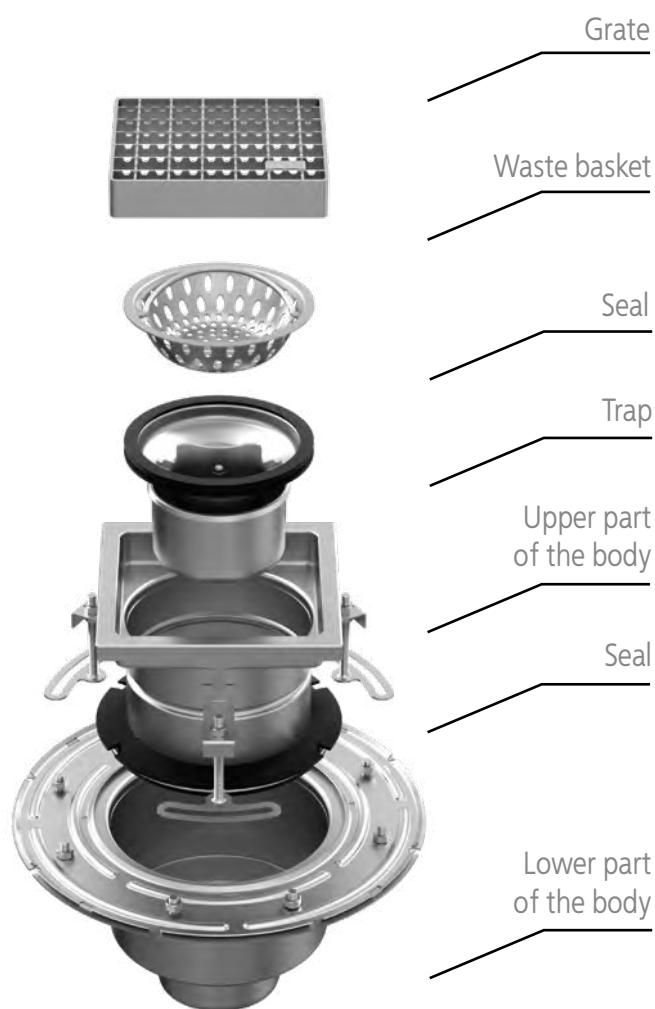
1. Amount of drained wastewater (selection of appropriate diameter of the outlet and the size of the upper part).
2. The load value, type and intensity (the grating is the load-bearing element, which, depending on the type and height, will transfer the applied load).

FLOOR DRAINS

EXAMPLE SINGLE PART DRAIN



EXAMPLE TWO PART DRAIN



DESCRIPTION OF THE FLOOR DRAINS COMPONENTS

Bodies – round shape limits waste accumulation and enables easy waste removal. The welded joints are grinded to remove sharp edges and ensure safe installation or cleaning.

Gratings – available in various shapes, dimensions and finishing versions. The gratings are selected according to the loads and location of installation. We offer the following grating types : mesh anti-slip, ladder, plate and perforated sheet.

Waste baskets - recommended when the drained wastewater has a high content of solids.

Strainers – used when the amount of solids is small.

Traps – very functional and easy to maintain. Ensures easy access to the sewer, quick cleaning and offers a possibility of checking for locks.

Flanges - used when it's necessary to drain water from horizontal systems installed under the floor.

AVAILABLE GRATE LOAD CLASSES

AVAILABLE LOAD CLASSES OF FLOOR DRAINS INSTALLED IN BUILDINGS AS PER PN-EN 1253



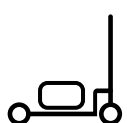
H1.5 (1.5 kN)

selected for flat roofs (with no other function)



K3 (3 kN)

pedestrian zones (e.g. swimming pools, balconies)



L15 (15 kN)

commercial premises with low vehicular traffic



R50 (50kN)

areas with vehicular traffic (e.g. factories)



M125 (125 kN)

areas with intense vehicular traffic takes place (e.g. workshops, industrial halls)



N250 (250 kN)

areas with heavy duty vehicular traffic (e.g. workshops, industrial halls)



P400 (400kN)

surfaces on which vehicular traffic of very heavy trucks takes place (food or chemical processing industry plants)

The given classes are defined for ideal load conditions (static). In reality, loads of elements (gratings) are more complex (dynamic).

Therefore, it is worth considering several important details when selecting a load class:

1. Will the grating be loaded by a pallet (of a specific weight) or a forklift?
2. If it will be loaded, then what will be the type and size

AVAILABLE LOAD CLASSES OF GRATINGS OF CHANNELS INSTALLED OUTSIDE AS PER PN-EN 1433



A15 (15kN)

surfaces on which pedestrian and bicycle traffic takes place



B125 (125 kN)

side drains of car parking lots, drains of pavements



C250 (250 kN)

surface on which vehicular traffic of light trucks takes place



D400 (400 kN)

road carriageways (including pedestrian walkways), roadsides and parking lots for any type of road vehicles



E600 (600 kN)

surfaces for heavy loads, e.g. harbors and docks



F900 (900 kN)

surfaces under extremely heavy loads, e.g. airplanes runways

of wheels of the forklift, and how intense will the traffic be (several, several dozen, several hundred passes a day)?

The above information, along with a summary of the weight of the forklift/pallet, can enable us to select the appropriate load class.

Therefore, it should be kept in mind that at high frequency (repetitions) of loads (even with loads lighter than the nominal load), the higher load class should be selected.

FLOOR DRAINS



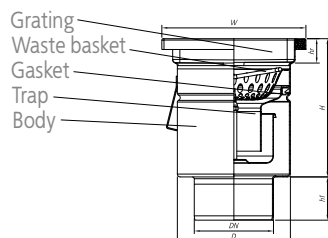
INSTALLATION OF SINGLE-PART FLOOR DRAINS

1. A drain pipe must be brought to the proper height
2. Place the drain in the hub of the drain pipe in a way so that the upper part of the drain is located 1-2 [mm] below the upper layer of the flooring.
3. Fill in the space with concrete.
4. When pouring concrete, do not allow obstruction of the opening clearance of the upper part of the drain. Also remember to precisely fill places that are difficult to reach with the concrete mass.

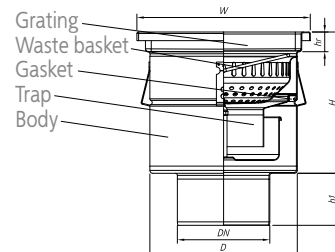
INSTALLATION OF TWO-PART FLOOR DRAINS

1. Start the installation by settling the lower part of the drain in the structural layers of the ceiling. The lower part should be settled in the cavity 15-20 [mm] in a way to ensure appropriate drainage of condensate from the vertical insulation to the drain.
2. Prepare water-proof insulation for the ceiling and install it using the pressure ring of the lower part.
3. The next step is setting and levelling of the upper part of the drain on the set offset. The edge of the upper part of the drain should be located 1-2 [mm] below the floor can be prepared.
4. After stabilising the upper part, you may prepare the remaining.
5. Fill the space with concrete.
6. When pouring concrete, do not allow obstruction of the opening clearance of the upper part of the drain,. Also remember to precisely fill places that are difficult to reach with the concrete mass.

Industrial FLOOR DRAINS vertical with square top, single-part



W200/110V1



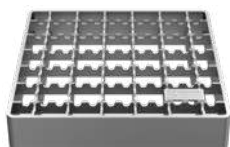
W300/160V1

Drain symbol		W200/75V1	W200/110V1	W300/200/110V1	W300/110V1	W300/160V1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.005075.21	00.005110.21	00.082110.21	00.025110.21	00.001160.21
Complete drain catalogue number mat. 304 with ladder grating		00.005075.32	00.005110.32	00.082110.32	00.025110.32	00.001160.32
Complete drain catalogue number mat. 304 with plate grating		00.005075.41	00.005110.41	00.082110.41	00.025110.41	00.001160.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.005075.13	00.005110.13	00.082110.13	00.025110.13	00.001160.13
Dimensions	DN	75	110	110	110	160
	H	192	192	195	244	244
	h1	60	60	60	60	90
	D	157	157	157	255	255
	W	200x200	200x200	300x300	300x300	300x300
	hr	30	30	30	30	30
Drain body catalogue number mat. 304		20.005075.07	20.005110.07	20.082110.07	20.025110.07	20.001160.07
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07	06.300265.07	06.300265.07	06.300265.07
	ladder	09.200164.07	09.200164.07	09.300265.07	09.300265.07	09.300265.07
	plate	17.200164.07	17.200164.07	17.300265.07	17.300265.07	17.300265.07
	perforated sheet	01.200165.07	01.200165.07	01.300265.07	01.300265.07	01.300265.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13..

GRATING SYMBOLS



anti-slip mesh



ladder



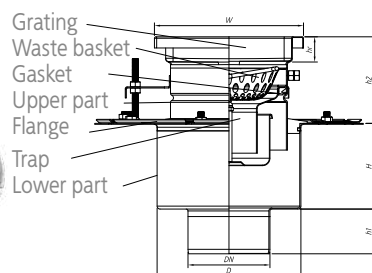
perforated sheet



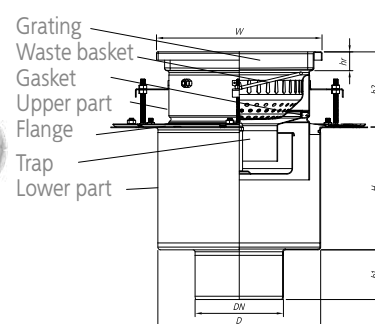
plate



Industrial FLOOR DRAINS vertical with square top, two-part



W200/110V2



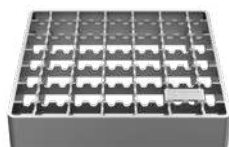
W300/160V2

Drain symbol		W200/75V2	W200/110V2	W300/200/110V2	W300/110V2	W300/160V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.006075.21	00.006110.21	00.083110.21	00.026110.21	00.002160.21
Complete drain catalogue number mat. 304 with ladder grating		00.006075.32	00.006110.32	00.083110.32	00.026110.32	00.002160.32
Complete drain catalogue number mat. 304 with plate grating		00.006075.41	00.006110.41	00.083110.41	00.026110.41	00.002160.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.006075.13	00.006110.13	00.083110.13	00.026110.13	00.002160.13
Dimensions	H2	80-135	80-135	80-135	80-155	80-155
	DN	75	110	110	110	160
	H	200	200	200	172	172
	h1	60	60	60	60	90
	D	193	193	193	295	295
	W	200x200	200x200	300x300	300x300	300x300
	hr	30	30	30	30	30
Drain body catalogue number mat. 304 upper part		40.006110.07	40.006110.07	40.083110.07	40.026110.07	40.026110.07
Drain body catalogue number mat. 304 lower part		50.006075.00	50.006110.00	50.006110.00	50.026110.00	50.002160.00
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07	06.300265.07	06.300265.07	06.300265.07
	ladder	09.200164.07	09.200164.07	09.300265.07	09.300265.07	09.300265.07
	plate	17.200164.07	17.200164.07	17.300265.07	17.300265.07	17.300265.07
	perforated sheet	01.200165.07	01.200165.07	01.300265.07	01.300265.07	01.300265.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet

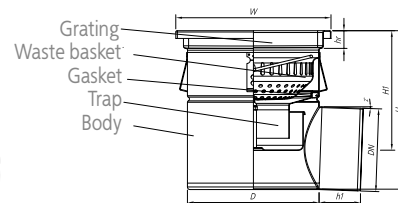
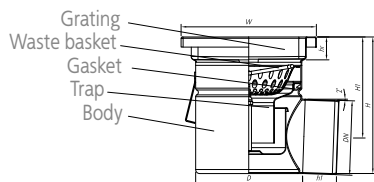


plate



Industrial FLOOR DRAINS

horizontal with square top, single-part



W200/110H1

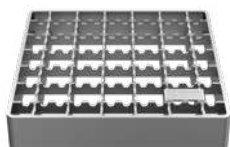
W300/160H1

Drain symbol		W200/75H1	W200/110H1	W300/200/110H1	W300/110H1	W300/160H1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.007075.21	00.007110.21	00.084110.21	00.027110.21	00.003160.21
Complete drain catalogue number mat. 304 with ladder grating		00.007075.32	00.007110.32	00.084110.32	00.027110.32	00.003160.32
Complete drain catalogue number mat. 304 with plate grating		00.007075.41	00.007110.41	00.084110.41	00.027110.41	00.003160.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.007075.13	00.007110.13	00.084110.13	00.027110.13	00.003160.13
Dimensions	DN	75	110	110	110	160
	H	189	224	227	264	314
	h1	60	60	60	60	90
	D	157	157	157	255	255
	W	200x200	200x200	300x300	300x300	300x300
	hr	30	30	30	30	30
Drain body catalogue number mat. 304		20.007075.07	20.007110.07	20.084110.07	20.027110.07	20.003160.07
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07	06.300265.07	06.300265.07	06.300265.07
	ladder	09.200164.07	09.200164.07	09.300265.07	09.300265.07	09.300265.07
	plate	17.200164.07	17.200164.07	17.300265.07	17.300265.07	17.300265.07
	perforated sheet	01.200165.07	01.200165.07	01.300265.07	01.300265.07	01.300265.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet

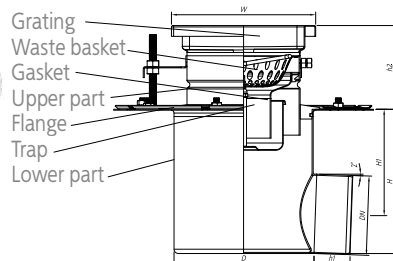


plate

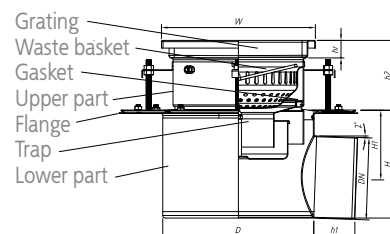


Industrial FLOOR DRAINS

horizontal with square top, two-part



W200/110H2



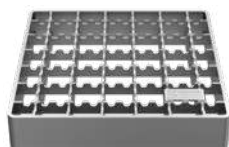
W300/160H2

Drain symbol		W200/75H2	W200/110H2	W300/200/110H2	W300/110H2	W300/160H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.008075.21	00.008110.21	00.085110.21	00.028110.21	00.004160.21
Complete drain catalogue number mat. 304 with ladder grating		00.008075.32	00.008110.32	00.085110.32	00.028110.32	00.004160.32
Complete drain catalogue number mat. 304 with plate grating		00.008075.41	00.008110.41	00.085110.41	00.028110.41	00.004160.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.008075.13	00.008110.13	00.085110.13	00.028110.13	00.004160.13
Dimensions	H2	80-135	80-135	80-135	80-155	80-155
	DN	75	110	110	110	160
	H	200	200	200	172	222
	h1	60	60	60	60	90
	D	193	193	193	295	295
	W	200x200	200x200	300x300	300x300	300x300
	hr	30	30	30	30	30
Drain body catalogue number mat. 304 upper part		06.200164.07	06.200164.07	06.300265.07	06.300265.07	06.300265.07
Drain body catalogue number mat. 304 lower part		09.200164.07	09.200164.07	09.300265.07	09.300265.07	09.300265.07
Basket catalogue number		17.200164.07	17.200164.07	17.300265.07	17.300265.07	17.300265.07
Sediment basket catalogue number *		01.200165.07	01.200165.07	01.300265.07	01.300265.07	01.300265.07
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07	06.300265.07	06.300265.07	06.300265.07
	ladder	09.200164.07	09.200164.07	09.300265.07	09.300265.07	09.300265.07
	plate	17.200164.07	17.200164.07	17.300265.07	17.300265.07	17.300265.07
	perforated sheet	01.200165.07	01.200165.07	01.300265.07	01.300265.07	01.300265.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet



plate



ACCESSORIES for industrial vertical and horizontal floor drains, with square top, single- and two-part

W200/75V1, W200/75V2, W200/110V1, W200/110V2, W200/75H1,
W200/75H2, W200/110H1, W200/110H2

W300/110V1, W300/110V2, W300/160V1, W300/160V2, W300/110H1,
W300/110H2, W300/160H1, W300/160H2



Filter basket



Sediment basket



Trap

A photograph of a brewery interior. In the foreground, a large stainless steel tank is visible. In the background, another similar tank stands. A worker wearing a white lab coat, a hairnet, and blue gloves is standing between the tanks, holding a clipboard and a pen, appearing to be taking notes or inspecting the equipment. The floor is a light-colored concrete with a metal grate drainage system. The lighting is bright, coming from overhead fixtures.

Breweries

Manufacture of beverages

Dairies

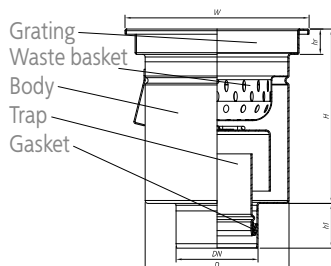
Meat factories

Bakeries

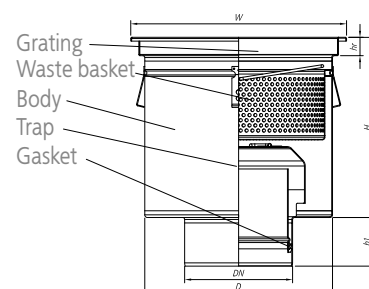
Public Facilities

Pumping stations

Industrial FLOOR DRAINS vertical with square top, single-part



W250/110V1



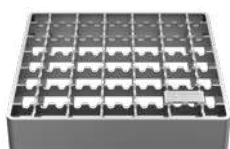
W400/200V1

Drain symbol		W250/110V1	W400/200V1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.001110.21	00.001200.21
Complete drain catalogue number mat. 304 with ladder grating		00.001110.32	00.001200.32
Complete drain catalogue number mat. 304 with plate grating		00.001110.41	00.001200.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.001110.13	00.001200.13
Dimensions	DN	110	200
	H	234	334
	h1	60	90
	D	193	348
	W	250x250	400x400
	hr	30	30
Drain body catalogue number mat. 304		20.001110.07	20.001200.07
Basket catalogue number		04.250110.00	10.400200.00
Sediment basket catalogue number *		05.250110.00	11.400200.00
Trap catalogue number		00.250110.02	00.400200.02
Basket / sediment basket capacity [l]		1	8.7
Trap flow rate [l/s]		3	13.9
Gratings serial numbers	anti-slip mesh	06.250213.07	06.400365.07
	ladder	09.250213.07	09.400365.07
	plate	17.250213.07	17.400365.07
	perforated sheet	01.250213.07	01.400365.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet

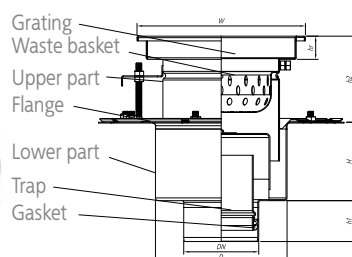


plate

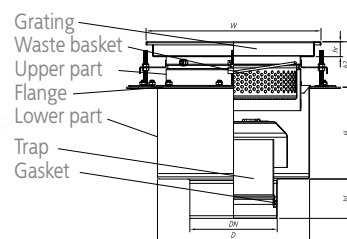


Industrial FLOOR DRAINS

vertical with square top, two-part



W250/110V2



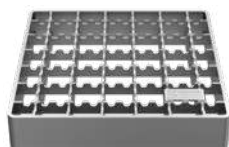
W400/200V2

Drain symbol		W250/110V2	W400/200V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.002110.21	00.002200.21
Complete drain catalogue number mat. 304 with ladder grating		00.002110.32	00.002200.32
Complete drain catalogue number mat. 304 with plate grating		00.002110.41	00.002200.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.002110.13	00.002200.13
Dimensions	H2	80-155	75-140
	DN	110	200
	H	200	210
	h1	60	90
	D	193	348
	W	250x250	400x400
	hr	30	30
Drain body catalogue number mat. 304 upper part		40.002110.07	40.002200.07
Drain body catalogue number mat. 304 lower part		50.006110.00	50.002200.00
Basket catalogue number		06.250110.00	12.400200.00
Sediment basket catalogue number *		07.250110.00	13.400200.00
Trap catalogue number		00.250110.02	00.400200.02
Basket / sediment basket capacity [l]		1	5.4
Trap flow rate [l/s]		3	13.9
Trap flow rate [l/s]	anti-slip mesh	06.250213.07	06.400365.07
	ladder	09.250213.07	09.400365.07
	plate	17.250213.07	17.400365.07
	perforated sheet	01.250213.07	01.400365.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet

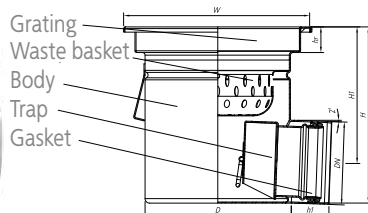


plate

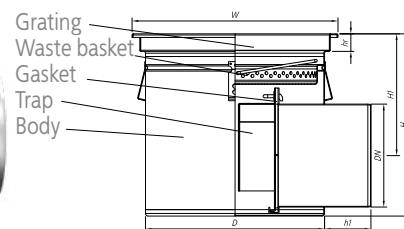


Industrial FLOOR DRAINS

horizontal with square top, single-part



W250/110H1



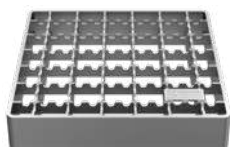
W400/200H1

Drain symbol		W250/110H1	W400/200H1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.003110.21	00.003200.21
Complete drain catalogue number mat. 304 with ladder grating		00.003110.32	00.003200.32
Complete drain catalogue number mat. 304 with plate grating		00.003110.41	00.003200.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.003110.13	00.003200.13
Dimensions	DN	110	200
	H	246	354
	h1	60	90
	D	193	348
	W	250x250	400x400
	hr	30	30
Drain body catalogue number mat. 304		20.003110.07	20.003200.07
Basket catalogue number		04.250110.00	14.400200.00
Sediment basket catalogue number *		05.250110.00	15.400200.00
Trap catalogue number		00.250110.03	00.400200.03
Basket / sediment basket capacity [l]		1	2.7
Trap flow rate [l/s]		2.1	9.2
Gratings serial numbers	anti-slip mesh	06.250213.07	06.400365.07
	ladder	09.250213.07	09.400365.07
	plate	17.250213.07	17.400365.07
	perforated sheet	01.250213.07	01.400365.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet

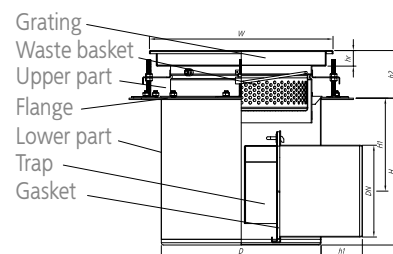
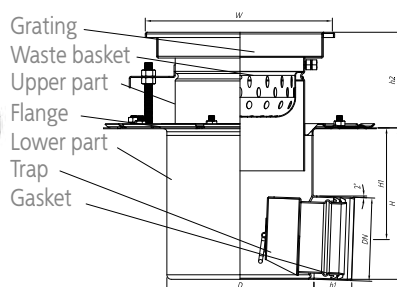


plate



Industrial FLOOR DRAINS

horizontal with square top, two-part



W250/110H2

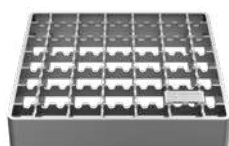
W400/200H2

Drain symbol		W250/110H2	W400/200H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.004110.21	00.004200.21
Complete drain catalogue number mat. 304 with ladder grating		00.004110.32	00.004200.32
Complete drain catalogue number mat. 304 with plate grating		00.004110.41	00.004200.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.004110.13	00.004200.13
Dimensions	H2	95-155	75-140
	DN	110	200
	H	200	320
	h1	60	90
	D	193	348
	W	250x250	400x400
hr		30	30
Drain body catalogue number mat. 304 upper part		40.002110.07	40.002200.07
Drain body catalogue number mat. 304 lower part		50.008110.00	50.004200.00
Basket catalogue number		06.250110.00	12.400200.00
Sediment basket catalogue number *		07.250110.00	13.400200.00
Trap catalogue number		00.250110.03	00.400200.03
Basket / sediment basket capacity [l]		1	5.4
Trap flow rate [l/s]		2.1	9.2
Gratings serial numbers	anti-slip mesh	06.250213.07	06.400365.07
	ladder	09.250213.07	09.400365.07
	plate	17.250213.07	17.400365.07
	perforated sheet	01.250213.07	01.400365.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



perforated sheet



plate



ACCESSORIES for industrial vertical and horizontal floor drains, with square top, single- and two-part

W250/110V1, W250/110V2, W250/110H1, W250/110H2

W400/200V1, W400/200V2, W400/200H1, W400/200H2



BASKET



SEDIMENT BASKET



V



H



V



H

TRAP

The background image shows a large industrial facility. In the upper half, there are several large, cylindrical green storage tanks with metal walkways and railings around their tops. A thick plume of white steam or smoke rises from one of the tanks. The lower half of the image shows a complex network of metal walkways, stairs, and pipes. Some pipes are painted red, while others are green. The structure is supported by a steel framework.

Pharmacy

Chemical plants

Treatment plants

Public space

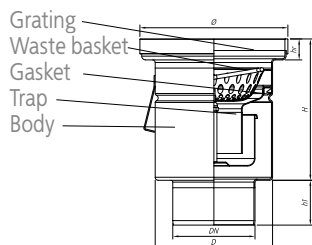
Industrial kitchens

Hospitals

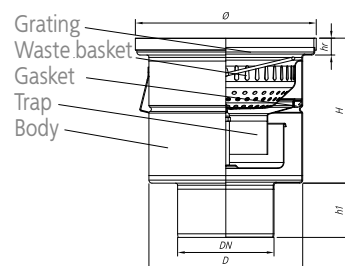
Hotels

Warehouses

Industrial FLOOR DRAINS vertical with round top, single-part



D200/110V1



D300/160V1

Drain symbol		D200/75V1	D200/110V1	D300/200/110V1	D300/110V1	D300/160V1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.015075.23	00.015110.23	00.076110.23	00.072110.23	00.072160.23
Complete drain catalogue number mat. 304 with ladder grating		00.015075.34	00.015110.34	00.076110.34	00.072110.34	00.072160.34
Complete drain catalogue number mat. 304 with plate grating		00.015075.43	00.015110.43	00.076110.43	00.072110.43	00.072160.43
Complete drain catalogue number mat. 304 with tight plate		00.015075.50	00.015110.50	00.076110.50	00.072110.50	00.072160.50
Dimensions	DN	75	110	110	110	160
	H	189	189	189	240	240
	h1	60	60	60	60	90
	D	157	157	157	255	255
	Ø	198	198	300	300	300
	hr	25	25	25	25	25
Drain body catalogue number mat. 304		20.015075.06	20.015110.06	20.076110.06	20.072110.06	20.072160.06
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200188.06	06.200188.06	06.300290.06	06.300290.06	06.300290.06
	ladder	09.200188.06	09.200188.06	09.300290.06	09.300290.06	09.300290.06
	plate	17.200188.06	17.200188.06	17.300290.06	17.300290.06	17.300290.06
	tight plate	16.200188.06	16.200188.06	16.300290.06	16.300290.06	16.300290.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

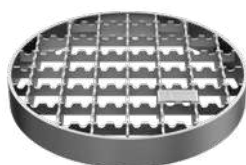
* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



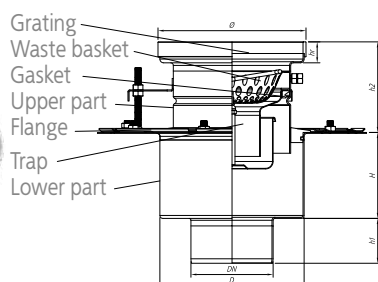
plate



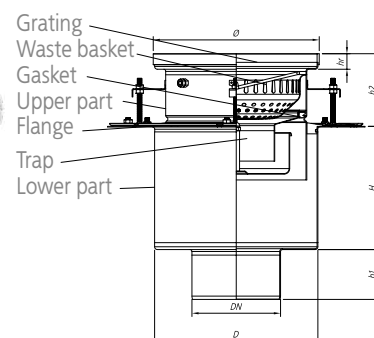
tight plate



Industrial FLOOR DRAINS vertical with round top, two-part



D200/110V2



D300/160V2

Drain symbol		D200/75V2	D200/110V2	D300/200/110V2	D300/110V2	D300/160V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.016075.23	00.016110.23	00.077110.23	00.073110.23	00.073160.23
Complete drain catalogue number mat. 304 with ladder grating		00.016075.34	00.016110.34	00.077110.34	00.073110.34	00.073160.34
Complete drain catalogue number mat. 304 with plate grating		00.016075.43	00.016110.43	00.077110.43	00.073110.43	00.073160.43
Complete drain catalogue number mat. 304 with tight plate		00.016075.50	00.016110.50	00.077110.50	00.073110.50	00.073160.50
Dimensions	h2	75-135	75-135	75-130	75-145	75-145
	DN	75	110	110	110	160
	H	200	200	200	172	172
	h1	60	60	60	60	90
	D	193	193	193	295	295
	Ø	198	198	300	300	300
	hr	25	25	25	25	25
Drain body catalogue number mat. 304 upper part		40.016110.06	40.016110.06	40.077110.06	40.073110.06	40.073110.06
Drain body catalogue number mat. 304 lower part		50.006075.00	50.006110.00	50.006110.00	50.026110.00	50.002160.00
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200188.06	06.200188.06	06.300290.06	06.300290.06	06.300290.06
	ladder	09.200188.06	09.200188.06	09.300290.06	09.300290.06	09.300290.06
	plate	17.200188.06	17.200188.06	17.300290.06	17.300290.06	17.300290.06
	tight plate	16.200188.06	16.200188.06	16.300290.06	16.300290.06	16.300290.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



plate

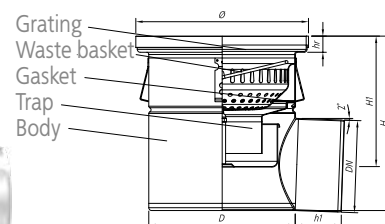
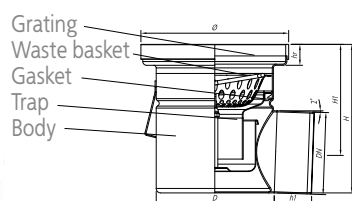


tight plate



Industrial FLOOR DRAINS

horizontal with round top, single-part



D200/110H1

D300/160H1

Drain symbol		D200/75H1	D200/110H1	D300/200/110H1	D300/110H1	D300/160H1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.017075.23	00.017110.23	00.078110.23	00.074110.23	00.074160.23
Complete drain catalogue number mat. 304 with ladder grating		00.017075.34	00.017110.34	00.078110.34	00.074110.34	00.074160.34
Complete drain catalogue number mat. 304 with plate grating		00.017075.43	00.017110.43	00.078110.43	00.074110.43	00.074160.43
Complete drain catalogue number mat. 304 with tight plate		00.017075.50	00.017110.50	00.078110.50	00.074110.50	00.074160.50
Dimensions	DN	75	110	110	110	160
	H	186	221	221	260	310
	h1	60	60	60	60	90
	D	157	157	157	255	255
	Ø	198	198	300	300	300
	hr	25	25	25	25	25
Drain body catalogue number mat. 304		20.017075.06	20.017110.06	20.078110.06	20.074110.06	20.074160.06
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200188.06	06.200188.06	06.300290.06	06.300290.06	06.300290.06
	ladder	09.200188.06	09.200188.06	09.300290.06	09.300290.06	09.300290.06
	plate	17.200188.06	17.200188.06	17.300290.06	17.300290.06	17.300290.06
	tight plate	16.200188.06	16.200188.06	16.300290.06	16.300290.06	16.300290.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

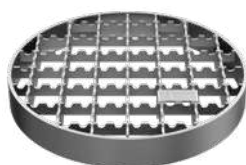
* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



plate

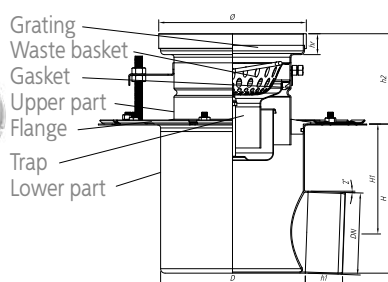


tight plate

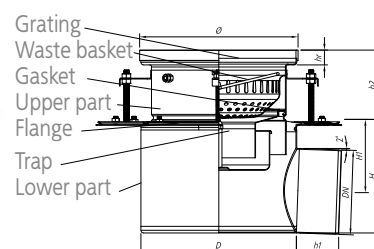


Industrial FLOOR DRAINS

horizontal with round top, two-part



D200/110H2



D300/160H2

Drain symbol		D200/75H2	D200/110H2	D300/200/110H2	D300/110H2	D300/160H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.018075.23	00.018110.23	00.079110.23	00.075110.23	00.075160.23
Complete drain catalogue number mat. 304 with ladder grating		00.018075.34	00.018110.34	00.079110.34	00.075110.34	00.075160.34
Complete drain catalogue number mat. 304 with plate grating		00.018075.43	00.018110.43	00.079110.43	00.075110.43	00.075160.43
Complete drain catalogue number mat. 304 with tight plate		00.018075.50	00.018110.50	00.079110.50	00.075110.50	00.075160.50
Dimensions	h2	75-135	75-135	75-130	75-145	75-145
	DN	75	110	110	110	160
	H	200	200	200	172	222
	h1	60	60	60	60	90
	D	157	157	157	295	295
	Ø	198	198	300	300	300
	hr	25	25	25	25	25
Drain body catalogue number mat. 304 upper part		40.016110.06	40.016110.06	40.077110.06	40.073110.06	40.073110.06
Drain body catalogue number mat. 304 lower part		50.008075.00	50.008110.00	50.008110.00	50.028110.00	50.004160.00
Basket catalogue number		02.200110.00	02.200110.00	02.200110.00	08.300160.00	08.300160.00
Sediment basket catalogue number *		03.200110.00	03.200110.00	03.200110.00	09.300160.00	09.300160.00
Trap catalogue number		00.200110.01	00.200110.01	00.200110.01	00.300160.01	00.300160.01
Basket / sediment basket capacity [l]		0.45	0.45	0.45	2.9	2.9
Trap flow rate [l/s]		2.1	2.1	2.1	5.7	5.7
Gratings serial numbers	anti-slip mesh	06.200188.06	06.200188.06	06.300290.06	06.300290.06	06.300290.06
	ladder	09.200188.06	09.200188.06	09.300290.06	09.300290.06	09.300290.06
	plate	17.200188.06	17.200188.06	17.300290.06	17.300290.06	17.300290.06
	tight plate	16.200188.06	16.200188.06	16.300290.06	16.300290.06	16.300290.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



plate



tight plate



ACCESSORIES for industrial vertical and horizontal floor drains, with round top, single- and two-part

D200/75V1, D200/75V2, D200/75H1, D200/75H2, D200/110V1, D200/110V2, D200/110H1, D200/110H2

D300/110V1, D300/110V2, D300/160V1, D300/160V2, D300/110H1, D300/110H2, D300/160H1, D300/160H2



BASKET



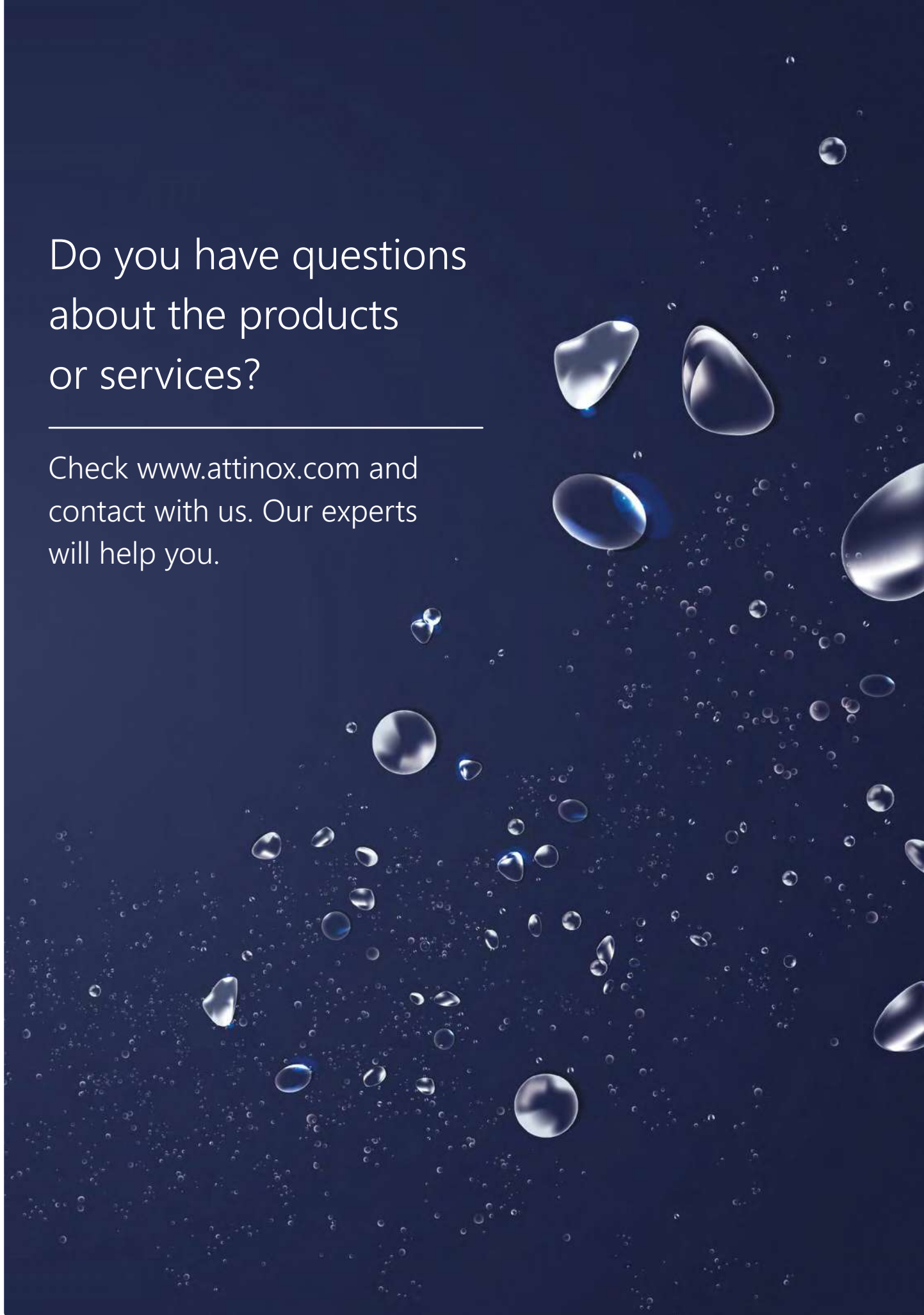
SEDIMENT BASKET



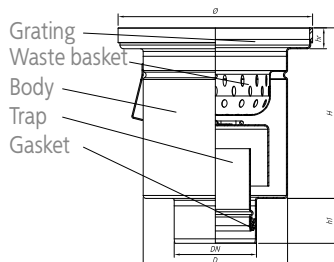
TRAP

Do you have questions
about the products
or services?

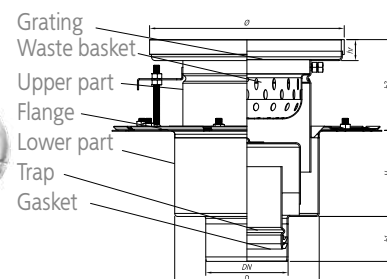
Check www.attinox.com and
contact with us. Our experts
will help you.



Industrial FLOOR DRAINS vertical with round top, single- and two-part



D260/110V1



D260/110V2

Drain symbol		D260/110V1	D260/110V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.009110.23	00.010110.23
Complete drain catalogue number mat. 304 with ladder grating		00.009110.34	00.010110.34
Complete drain catalogue number mat. 304 with plate grating		00.009110.43	00.010110.43
Complete drain catalogue number mat. 304 with tight plate		00.009110.50	00.010110.50
Dimensions	h2	–	75-150
	DN	110	110
	H	228	200
	h1	60	60
	D	193	193
	Ø	260	260
hr		25	25
Drain body catalogue number mat. 304 upper part		20.009110.06	20.010110.06
Drain body catalogue number mat. 304 lower part		–	50.006110.00
Basket catalogue number		04.250110.00	06.250110.00
Sediment basket catalogue number *		05.250110.00	07.250110.00
Trap catalogue number		00.250110.02	00.250110.02
Basket / sediment basket capacity [l]		1	1
Trap flow rate [l/s]		3	3
Gratings serial numbers	anti-slip mesh	06.250250.06	06.250250.06
	ladder	09.250250.06	09.250250.06
	plate	17.250250.06	17.250250.06
	tight plate	16.250250.06	16.250250.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

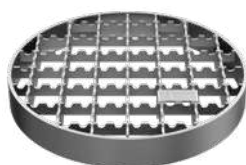
* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



plate



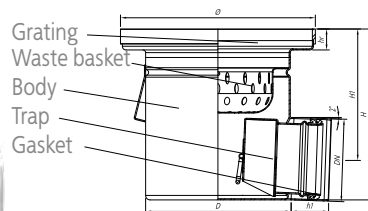
tight plate



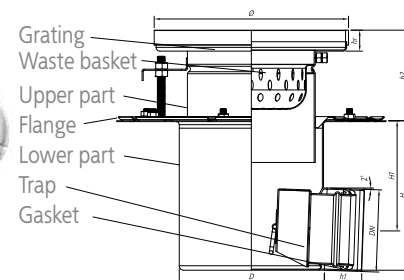
Industrial FLOOR DRAINS horizontal with round top, single- and two-part



D260/110H1



D260/110H2



Drain symbol		D260/110H1	D260/110H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.011110.23	00.012110.23
Complete drain catalogue number mat. 304 with ladder grating		00.011110.34	00.012110.34
Complete drain catalogue number mat. 304 with plate grating		00.011110.43	00.012110.43
Complete drain catalogue number mat. 304 with tight plate		00.011110.50	00.012110.50
Dimensions	h2	–	100-145
	DN	110	110
	H	223	200
	h1	60	60
	D	193	193
	Ø	260	260
	hr	25	25
Drain body catalogue number mat. 304 upper part		20.011110.06	20.010110.06
Drain body catalogue number mat. 304 lower part		–	50.008110.00
Basket catalogue number		04.250110.00	06.250110.00
Sediment basket catalogue number *		05.250110.00	07.250110.00
Trap catalogue number		00.250110.03	00.250110.03
Basket / sediment basket capacity [l]		1	1
Trap flow rate [l/s]		2.1	2.1
Gratings serial numbers	anti-slip mesh	06.250250.06	06.250250.06
	ladder	09.250250.06	09.250250.06
	plate	17.250250.06	17.250250.06
	tight plate	16.250250.06	16.250250.06

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.



In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



plate



tight plate



ACCESSORIES for industrial vertical and horizontal drains, with round top, single-part and two-part

D260/110V1, D260/110V2, D260/110H1, D260/110H2



BASKET

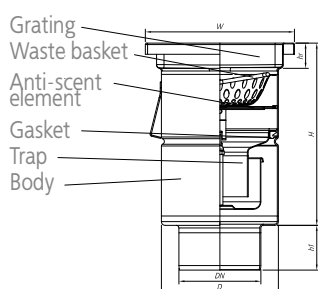


SEDIMENT BASKET

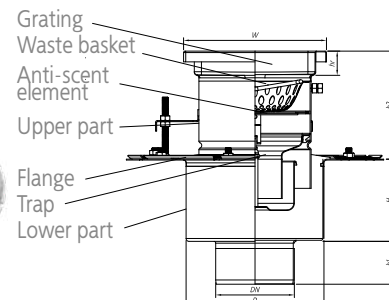


TRAP

Industrial FLOOR DRAINS anti-odour, vertical with square top, single-part and two-part



WA200/110V1



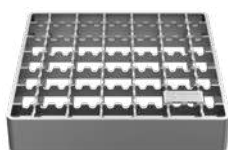
WA200/110V2

Drain symbol		Wa200/110V1	Wa200/110V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.021110.21	00.022110.21
Complete drain catalogue number mat. 304 with ladder grating		00.021110.32	00.022110.32
Complete drain catalogue number mat. 304 with plate grating		00.021110.41	00.022110.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.021110.13	00.022110.13
Dimensions	H2	–	120-175
	DN	110	110
	H	245	200
	h1	60	60
	D	157	193
	W	200x200	200x200
	hr	25	25
Drain body catalogue number mat. 304 upper part		20.021110.07	40.022110.07
Drain body catalogue number mat. 304 lower part		–	50.006110.00
Anti-odour element		00.200110.08	00.200110.08
Basket catalogue number		02.200110.00	02.200110.00
Sediment basket catalogue number *		03.200110.00	03.200110.00
Trap catalogue number		00.200110.01	00.200110.01
Basket / sediment basket capacity [l]		0.45	0.45
Trap flow rate [l/s]		2.1	2.1
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07
	ladder	09.200164.07	09.200164.07
	plate	17.200164.07	17.200164.07
	perforated sheet	01.200165.07	01.200165.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



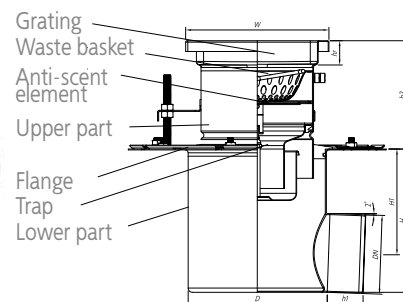
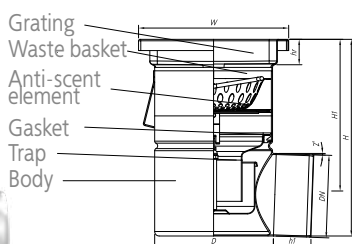
plate



perforated sheet



Industrial FLOOR DRAINS anti-odour, horizontal with square top, single- part and two-part



WA200/110H1

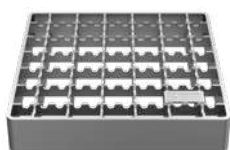
WA200/110H2

Drain symbol		Wa200/110H1	Wa200/110H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.023110.21	00.024110.21
Complete drain catalogue number mat. 304 with ladder grating		00.023110.32	00.024110.32
Complete drain catalogue number mat. 304 with plate grating		00.023110.41	00.024110.41
Complete drain catalogue number mat. 304 with perforated sheet grating		00.023110.13	00.024110.13
Dimensions	H2	–	120-175
	DN	110	110
	H	274	212
	h1	60	60
	D	157	193
	W	200x200	200x200
hr		30	30
Drain body catalogue number mat. 304 upper part		20.023110.07	40.024110.07
Drain body catalogue number mat. 304 lower part		–	50.008110.00
Anti-odour element		00.200110.08	00.200110.08
Basket catalogue number		02.200110.00	02.200110.00
Sediment basket catalogue number *		03.200110.00	03.200110.00
Trap catalogue number		00.200110.01	00.200110.01
Basket / sediment basket capacity [l]		0.45	0.45
Trap flow rate [l/s]		2.1	2.1
Gratings serial numbers	anti-slip mesh	06.200164.07	06.200164.07
	ladder	09.200164.07	09.200164.07
	plate	17.200164.07	17.200164.07
	perforated sheet	01.200165.07	01.200165.07

* to order a complete drain with a sand sediment basket, change the second digit of the catalogue number to "1", e.g. 01.005075.13

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.005075.13, with a sand sediment basket, change the second digit to "3", e.g. 13.005075.13.

GRATING SYMBOLS



anti-slip mesh



ladder



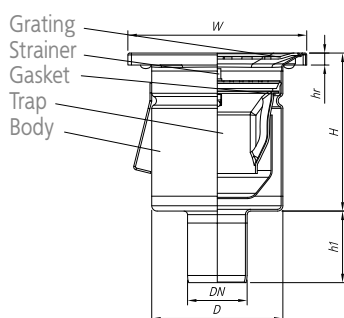
perforated sheet



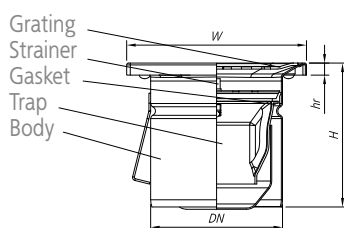
plate



Mini FLOOR DRAINS vertical with square top, single-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET

Drain symbol		Wmk150/50V1	Wmk150/75V1	Wmk150/110V1
Complete drain catalogue number mat. 304 with perforated sheet grating		08.056050.70	08.056075.70	08.056110.70
Dimensions	DN	50	75	110
	H	132	132	120
	h1	60	60	–
	D	110	110	110
	W	150x150	150x150	150x150
	hr	2	2	2
Drain body catalogue number mat. 304		28.056050.01	28.056075.01	28.056110.01
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated sheet	01.150135.01	01.150135.01	01.150135.01

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

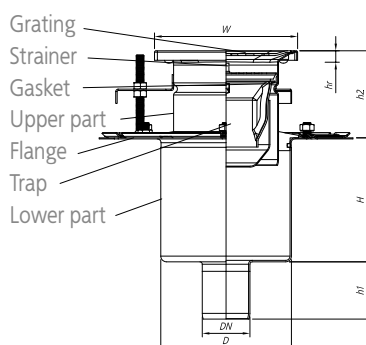
PERFORATED SHEET GRATING IS AVAILABLE FOR WMK150 DRAINS



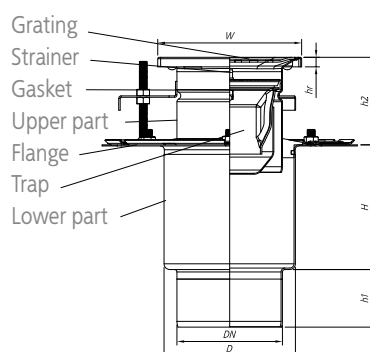
perforated sheet



Mini FLOOR DRAINS vertical with square top, two-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET

Drain symbol		Wmk150/50V2	Wmk150/75V2	Wmk150/110V2
Complete drain catalogue number mat. 304 with perforated sheet grating		08.057050.70	08.057075.70	08.057110.70
Dimensions	H2	50-105	50-105	50-105
	DN	50	75	110
	H	130	130	130
	h1	60	60	60
	D	137	137	137
	W	150x150	150x150	150x150
	hr	2	2	2
Drain body catalogue number mat. 304 upper part		28.056110.01	28.056110.01	28.056110.01
Drain body catalogue number mat. 304 lower part		50.057050.00	50.057075.00	50.057110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated sheet	01.150135.01	01.150135.01	01.150135.01

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED SHEET GRATING IS AVAILABLE FOR WMK150 FLOOR DRAINS



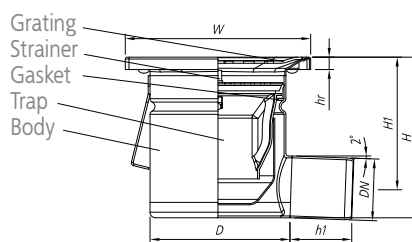
perforated sheet



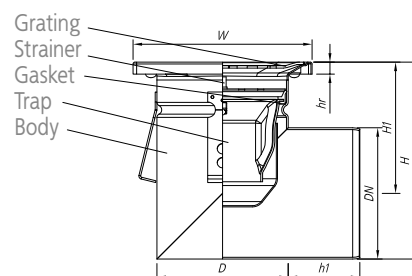
Mini FLOOR DRAINS horizontal with square top, single-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET



Drain symbol		Wmk150/50H1	Wmk150/75H1	Wmk150/110H1
Complete drain catalogue number mat. 304 with perforated sheet grating		08.058050.70	08.058075.70	08.058110.70
Dimensions	DN	50	75	110
	H	132	132	165
	h1	60	60	60
	D	110	110	110
	W	150x150	150x150	150x150
	hr	2	2	2
Drain body catalogue number mat. 304		28.058050.01	28.058075.01	28.058110.01
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated sheet	01.150135.01	01.150135.01	01.150135.01

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED SHEET GRATING IS AVAILABLE FOR WMK150 FLOOR DRAINS



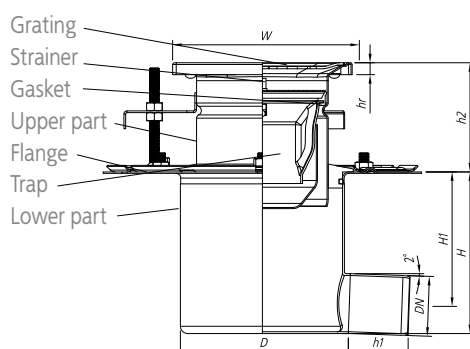
perforated sheet



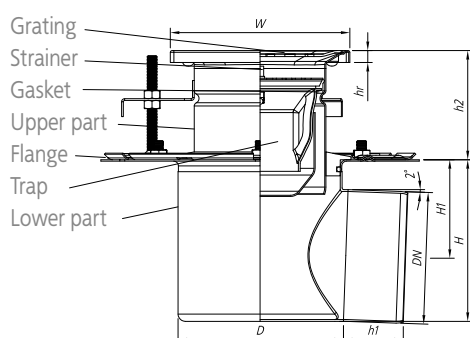
Mini FLOOR DRAINS horizontal with square top, two-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET



Drain symbol		Wmk150/50H2	Wmk150/75H2	Wmk150/110H2
Complete drain catalogue number mat. 304 with perforated sheet grating		08.059050.70	08.059050.70	08.059050.70
Dimensions	H2	50-105	50-105	50-105
	DN	50	75	110
	H	135	135	135
	h1	60	60	60
	D	110	110	110
	W	150x150	150x150	150x150
	hr	2	2	2
Drain body catalogue number mat. 304 upper part		28.056110.01	28.056110.01	28.056110.01
Drain body catalogue number mat. 304 lower part		50.059050.00	50.059075.00	50.059110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated sheet	01.150135.01	01.150135.01	01.150135.01

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED SHEET GRATING IS AVAILABLE FOR WMK150 FLOOR DRAINS



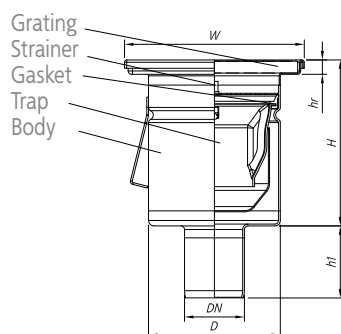
perforated sheet



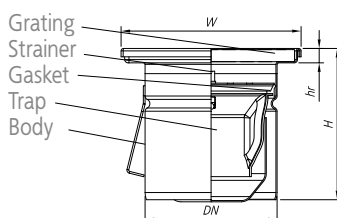
Mini FLOOR DRAINS vertical with square top, single-part



WITH DN 50 OUTLET



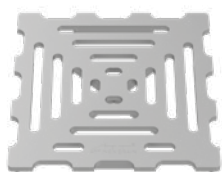
WITH DN 110 OUTLET



Drain symbol		Wm150/50V1	Wm150/75V1	Wm150/110V1
Complete drain catalogue number mat. 304 with perforated plate grating		08.032050.60	08.032075.60	08.032110.60
Dimensions	DN	50	75	110
	H	137	137	125
	h1	60	60	–
	D	110	110	110
	W	150x150	150x150	150x150
	hr	10	10	10
Drain body catalogue number mat. 304		28.032050.04	28.032075.04	28.032110.04
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated plate	20.150141.04	20.150141.04	20.150141.04

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED PLATE GRATING IS AVAILABLE FOR WM150 FLOOR DRAINS



perforated plate



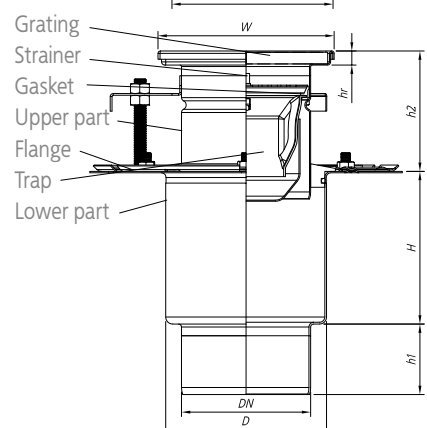
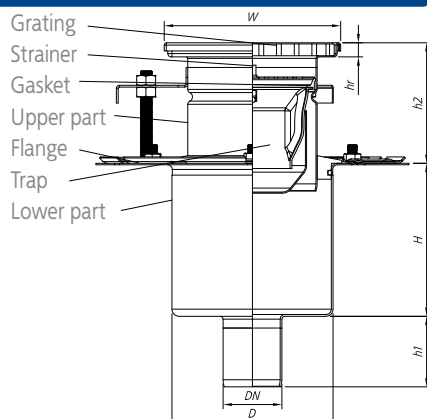
Mini FLOOR DRAINS vertical with square top, two-part



WITH DN 50 OUTLET



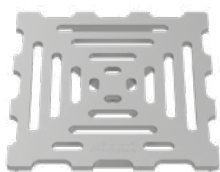
WITH DN 110 OUTLET



Drain symbol		Wm150/50V2	Wm150/75V2	Wm150/110V2
Complete drain catalogue number mat. 304 with perforated plate grating		08.033050.60	08.033075.60	08.033110.60
Dimensions	H2	60-110	60-110	60-110
	DN	50	75	110
	H	130	130	130
	h1	60	60	60
	D	137	137	137
	W	150x150	150x150	150x150
	hr	10	10	10
Drain body catalogue number mat. 304 upper part		28.032110.04	28.032110.04	28.032110.04
Drain body catalogue number mat. 304 lower part		50.057050.00	50.057075.00	50.057110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated plate	20.150141.04	20.150141.04	20.150141.04

* to order a complete drain with a sand sediment basket, change the first digit of the catalogue number to "1", e.g. 10.005075.13

PERFORATED PLATE GRATING IS AVAILABLE FOR WM150 FLOOR DRAINS



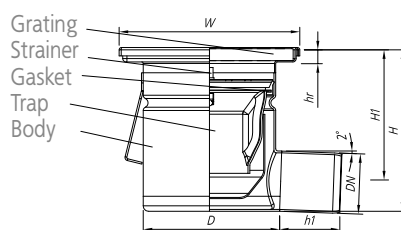
perforated plate



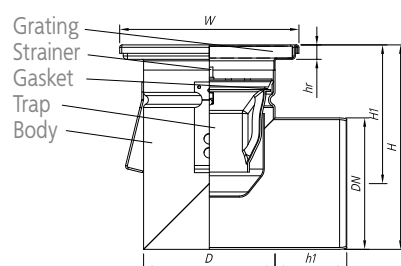
Mini FLOOR DRAINS horizontal with square top, single-part



WITH DN 50 OUTLET



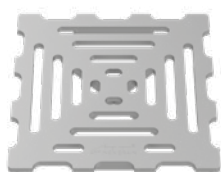
WITH DN 110 OUTLET



Drain symbol		Wm150/50H1	Wm150/75H1	Wm150/110H1
Complete drain catalogue number mat. 304 with perforated plate grating		08.042050.60	08.042075.60	08.042110.60
Dimensions	DN	50	75	110
	H	137	137	170
	h1	60	60	60
	D	110	110	110
	W	150x150	150x150	150x150
	hr	10	10	10
Drain body catalogue number mat. 304		28.042050.01	28.042075.01	28.042110.01
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated plate	20.150141.04	20.150141.04	20.150141.04

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED PLATE GRATING IS AVAILABLE FOR WM150 FLOOR DRAINS



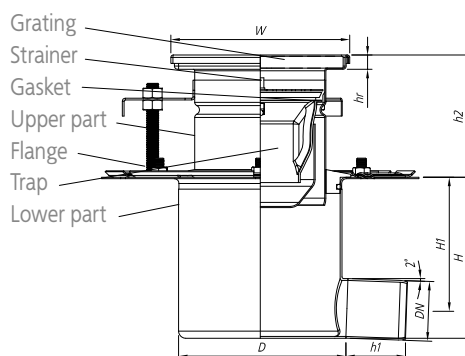
perforated plate



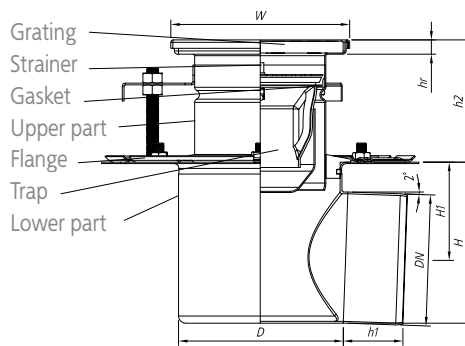
Mini FLOOR DRAINS horizontal with square top, two-part



WITH DN 50 OUTLET



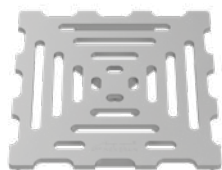
WITH DN 110 OUTLET



Drain symbol		Wm150/50H2	Wm150/75H2	Wm150/110H2
Complete drain catalogue number mat. 304 with perforated plate grating		08.043050.60	08.043075.60	08.043110.60
Dimensions	H2	60-110	60-110	60-110
	DN	50	75	110
	H	135	135	135
	h1	60	60	60
	D	137	137	137
	W	150x150	150x150	150x150
	hr	10	10	10
Drain body catalogue number mat. 304 upper part		28.032110.04	28.032110.04	28.032110.04
Drain body catalogue number mat. 304 lower part		50.059050.00	50.059075.00	50.059110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	perforated plate	20.150141.04	20.150141.04	20.150141.04

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

PERFORATED PLATE GRATING IS AVAILABLE FOR WM150 FLOOR DRAINS



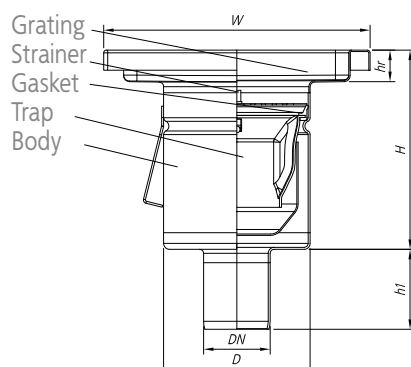
perforated plate



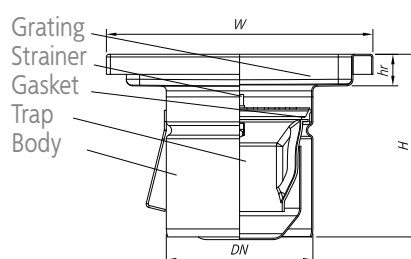
Mini FLOOR DRAINS vertical with square top, single-part



WITH DN 50 OUTLET



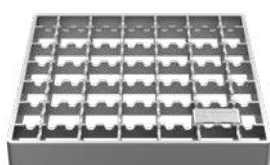
WITH DN 110 OUTLET



Drain symbol		Wm200/50V1	Wm200/75V1	Wm200/110V1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.030050.20	00.030075.20	00.030110.20
Complete drain catalogue number mat. 304 with ladder grating		00.030050.31	00.030075.31	00.030110.31
Complete drain catalogue number mat. 304 with plate grating		00.030050.40	00.030075.40	00.030110.40
Complete drain catalogue number mat. 304 with perforated sheet grating		00.030050.12	00.030075.12	00.030110.12
Dimensions	DN	50	75	110
	H	149	149	137
	h1	60	60	–
	D	110	110	110
	W	200x200	200x200	200x200
	hr	20	20	20
Drain body catalogue number mat. 304		20.030050.05	20.030075.05	20.030110.05
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	mesh	06.200164.05	06.200164.05	06.200164.05
	ladder	09.200164.05	09.200164.05	09.200164.05
	plate	10.200164.05	10.200164.05	10.200164.05
	perforated sheet	01.200165.05	01.200165.05	01.200165.05

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

GRATING SYMBOLS



anti-slip mesh



ladder



plate



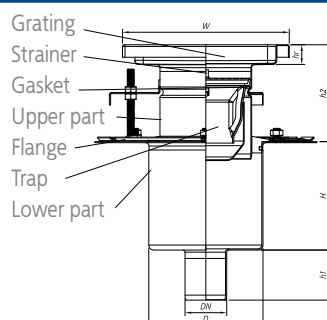
perforated sheet



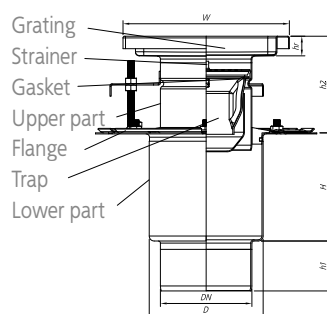
Mini FLOOR DRAINS vertical with square top, two-part



WITH DN 50 OUTLET



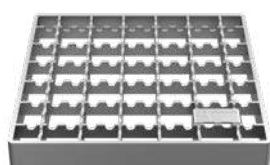
WITH DN 110 OUTLET



Drain symbol		Wm200/50V2	Wm200/75V2	Wm200/110V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.031050.20	00.031075.20	00.031110.20
Complete drain catalogue number mat. 304 with ladder grating		00.031050.31	00.031075.31	00.031110.31
Complete drain catalogue number mat. 304 with plate grating		00.031050.40	00.031075.40	00.031110.40
Complete drain catalogue number mat. 304 with perforated sheet grating		00.031050.12	00.031075.12	00.031110.12
Dimensions	H2	70-120	70-120	70-120
	DN	50	75	110
	H	130	130	130
	h1	60	60	60
	D	137	137	137
	W	200x200	200x200	200x200
	hr	20	20	20
Drain body catalogue number mat. 304 upper part		20.030110.05	20.030110.05	20.030110.05
Drain body catalogue number mat. 304 lower part		50.057050.00	50.057075.00	50.057110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.200164.05	06.200164.05	06.200164.05
	ladder	09.200164.05	09.200164.05	09.200164.05
	plate	10.200164.05	10.200164.05	10.200164.05
	perforated sheet	01.200165.05	01.200165.05	01.200165.05

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

GRATING SYMBOLS



anti-slip mesh



ladder



plate



perforated sheet



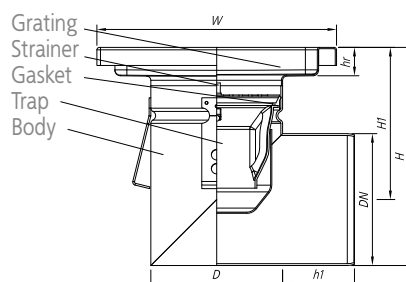
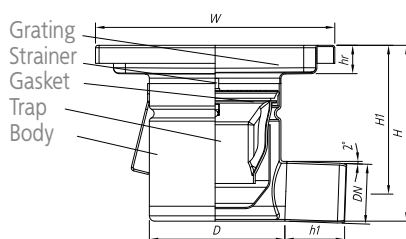
Mini FLOOR DRAINS horizontal with square top, single-part



WITH DN 50 OUTLET



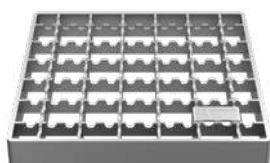
WITH DN 110 OUTLET



Drain symbol		Wm200/50H1	Wm200/75H1	Wm200/110H1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.040050.20	00.040075.20	00.040110.20
Complete drain catalogue number mat. 304 with ladder grating		00.040050.31	00.040075.31	00.040110.31
Complete drain catalogue number mat. 304 with plate grating		00.040050.40	00.040075.40	00.040110.40
Complete drain catalogue number mat. 304 perforated sheet grating		00.040050.12	00.040075.12	00.040110.12
Dimensions	DN	50	75	110
	H	149	149	182
	h1	60	60	60
	D	110	110	110
	W	200x200	200x200	200x200
	hr	20	20	20
Drain body catalogue number mat. 304		20.040050.05	20.040075.05	20.040110.05
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.200164.05	06.200164.05	06.200164.05
	ladder	09.200164.05	09.200164.05	09.200164.05
	plate	10.200164.05	10.200164.05	10.200164.05
	perforated sheet	01.200165.05	01.200165.05	01.200165.05

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

GRATING SYMBOLS



anti-slip mesh



ladder



plate



perforated sheet



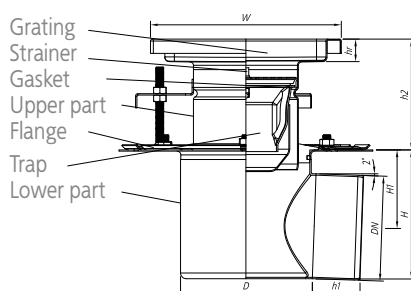
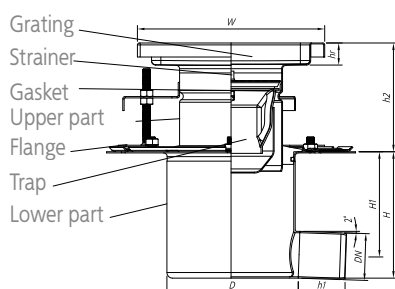
Mini FLOOR DRAINS horizontal with square top, two-part



WITH DN 50 OUTLET



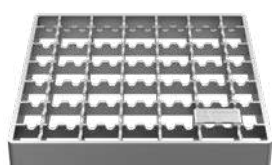
WITH DN 110 OUTLET



Drain symbol		Wm200/50H2	Wm200/75H2	Wm200/110H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		00.041050.20	00.041075.20	00.041110.20
Complete drain catalogue number mat. 304 with ladder grating		00.041050.31	00.041075.31	00.041110.31
Complete drain catalogue number mat. 304 with plate grating		00.041050.40	00.041075.40	00.041110.40
Complete drain catalogue number mat. 304 with perforated sheet grating		00.041050.12	00.041075.12	00.041110.12
Dimensions	H2	70-120	70-120	70-120
	DN	50	75	110
	H	135	135	135
	h1	60	60	60
	D	137	137	137
	W	200x200	200x200	200x200
	hr	20	20	20
Drain body catalogue number mat. 304 upper part		20.030110.05	20.030110.05	20.030110.05
Drain body catalogue number mat. 304 lower part		50.059050.00	50.059075.00	50.059110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.200164.05	06.200164.05	06.200164.05
	ladder	09.200164.05	09.200164.05	09.200164.05
	plate	10.200164.05	10.200164.05	10.200164.05
	perforated sheet	01.200165.05	01.200165.05	01.200165.05

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

GRATING SYMBOLS



anti-slip mesh



ladder



plate



perforated sheet



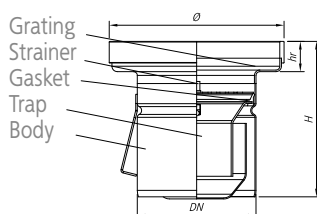
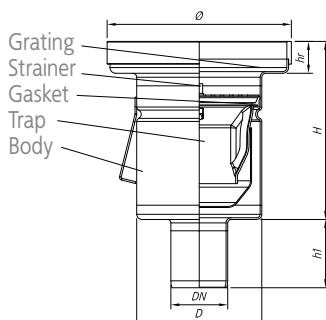
Mini FLOOR DRAINS vertical with round top, single-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET



Drain symbol		Dm160/50V1	Dm200/50V1	Dm160/75V1	Dm200/75V1	Dm160/110V1	Dm200/110V1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		08.036050.23	08.034050.23	08.036075.23	08.034075.23	08.036110.23	08.034110.23
Complete drain catalogue number mat. 304 with ladder grating		08.036050.34	08.034050.34	08.036075.34	08.034075.34	08.036110.34	08.034110.34
Complete drain catalogue number mat. 304 with plate grating		08.036050.43	08.034050.43	08.036075.43	08.034075.43	08.036110.43	08.034110.43
Complete drain catalogue number mat. 304 with tight plate grating		08.036050.50	08.034050.50	08.036075.50	08.034075.50	08.036110.50	08.034110.50
Dimensions	DN	50	50	75	75	110	110
	H	156	156	156	156	144	144
	h1	60	60	60	60	–	–
	D	110	110	110	110	110	110
	Ø	162	198	162	198	162	198
	hr	25	25	25	25	25	25
Drain body catalogue number mat. 304		28.036050.06	28.034050.06	28.036075.06	28.034075.06	28.036110.06	28.034110.06
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9	0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.160152.06	06.200188.06	06.160152.06	06.200188.06	06.160152.06	06.200188.06
	ladder	09.160152.06	09.200188.06	09.160152.06	09.200188.06	09.160152.06	09.200188.06
	plate	17.160152.06	17.200188.06	17.160152.06	17.200188.06	17.160152.06	17.200188.06
	tight plate	16.160152.06	16.200188.06	16.160152.06	16.200188.06	16.160152.06	16.200188.06

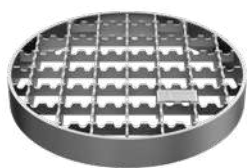


Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

GRATING SYMBOLS

In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.



anti-slip mesh



ladder



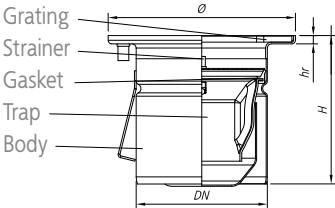
plate



tight plate



Mini FLOOR DRAINS vertical with round top, single-part



Drain symbol		Dms160/110V1
Complete drain catalogue number mat. 304 with perforated plate grating		08.038110.57
Dimensions	DN	110
	H	124
	h1	–
	D	110
	Ø	160
	hr	5
Drain body catalogue number mat. 304		28.038110.02
Trap catalogue number		00.150110.01
Strainer catalogue number		01.150110.00
Trap flow rate [l/s]		0.9
Grating catalogue no.	plate	20.160152.02

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

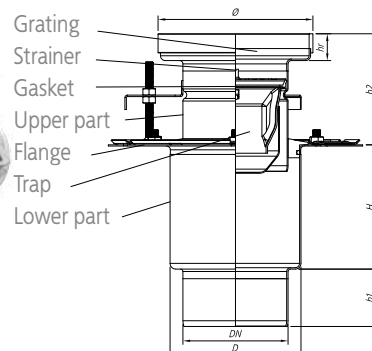
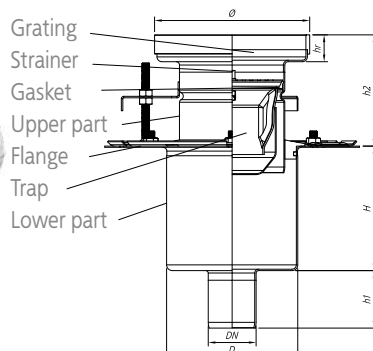
GRATING SYMBOL



For Dms160/110V1 floor drain only perforated plate (P) grating is available.



Mini FLOOR DRAINS vertical with round top, two-part



WITH DN 50 OUTLET

WITH DN 110 OUTLET

Drain symbol		Dm160/50V2	Dm200/50V2	Dm160/75V2	Dm200/75V2	Dm160/110V2	Dm200/110V2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		08.037050.43	08.035050.43	08.037075.43	08.035075.43	08.037110.43	08.035110.43
Complete drain catalogue number mat. 304 with ladder grating		08.037050.50	08.035050.50	08.037075.50	08.035075.50	08.037110.50	08.035110.50
Complete drain catalogue number mat. 304 with plate grating		00.037050.43	00.035050.43	00.037075.43	00.035075.43	00.037110.43	00.035110.43
Complete drain catalogue number mat. 304 with tight plate grating		00.037050.50	00.035050.50	00.037075.50	00.035075.50	00.037110.50	00.035110.50
Dimensions	H2	75-125	75-125	75-125	75-125	75-125	75-125
	DN	50	50	75	75	110	110
	H	130	130	130	130	130	130
	h1	60	60	60	60	60	60
	D	137	137	137	137	137	137
	Ø	162	198	162	198	162	198
	hr	25	25	25	25	25	25
Drain body catalogue number mat. 304 upper part		28.036110.06	28.034110.06	28.036110.06	28.034110.06	28.036110.06	28.034110.06
Drain body catalogue number mat. 304 lower part		50.057050.00	50.057050.00	50.057075.00	50.057075.00	50.057110.00	50.057110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9	0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.160152.06	06.200188.06	06.160152.06	06.200188.06	06.160152.06	06.200188.06
	ladder	09.160152.06	09.200188.06	09.160152.06	09.200188.06	09.160152.06	09.200188.06
	plate	17.160152.06	17.200188.06	17.160152.06	17.200188.06	17.160152.06	17.200188.06
	tight plate	16.160152.06	16.200188.06	16.160152.06	16.200188.06	16.160152.06	16.200188.06



Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.

* to order a complete drain with a sand sediment basket, change the first digit of the catalogue number to "1", e.g. 10.005075.13

In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



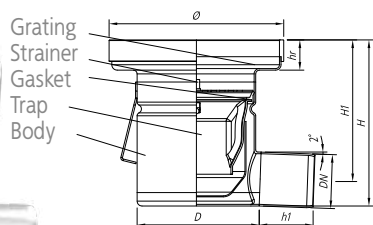
plate



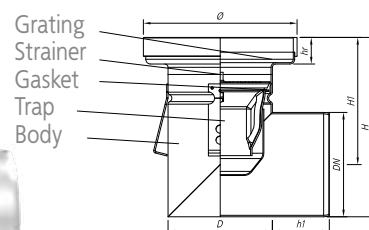
tight plate



Mini FLOOR DRAINS horizontal with round top, single-part



WITH DN 50 OUTLET



WITH DN 110 OUTLET

Drain symbol		Dm160/50H1	Dm200/50H1	Dm160/75H1	Dm200/75H1	Dm160/110H1	Dm200/110H1
Complete drain catalogue number mat. 304 with anti-slip mesh grating		08.046050.23	08.044050.23	08.046075.23	08.044075.23	08.046110.23	08.044110.23
Complete drain catalogue number mat. 304 with ladder grating		08.046050.34	08.044050.34	08.046075.34	08.044075.34	08.046110.34	08.044110.34
Complete drain catalogue number mat. 304 with plate grating		08.046050.43	08.044050.43	08.046075.43	08.044075.43	08.046110.43	08.044110.43
Complete drain catalogue number mat. 304 with tight plate grating		08.046050.50	08.044050.50	08.046075.50	08.044075.50	08.046110.50	08.044110.50
Dimensions	DN	50	50	75	75	110	110
	H	156	156	156	156	189	189
	h1	60	60	60	60	60	60
	D	110	110	110	110	110	110
	Ø	162	198	162	198	162	198
	hr	25	25	25	25	25	25
Drain body catalogue number mat. 304		28.046050.06	28.044050.06	28.046075.06	28.044075.06	28.046110.06	28.044110.06
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9	0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.160152.06	06.200188.06	06.160152.06	06.200188.06	06.160152.06	06.200188.06
	ladder	09.160152.06	09.200188.06	09.160152.06	09.200188.06	09.160152.06	09.200188.06
	plate	17.160152.06	17.200188.06	17.160152.06	17.200188.06	17.160152.06	17.200188.06
	tight plate	16.160152.06	16.200188.06	16.160152.06	16.200188.06	16.160152.06	16.200188.06

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70



Drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.

GRATING SYMBOLS

In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.



anti-slip mesh



ladder



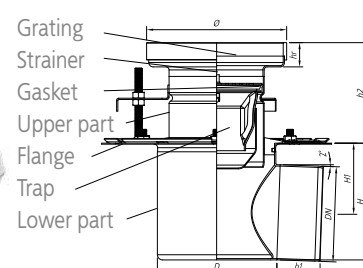
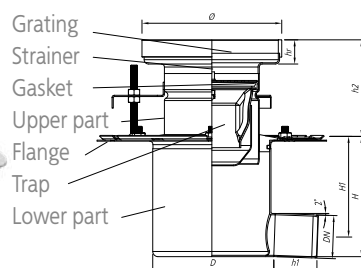
plate



tight plate



Mini FLOOR DRAINS horizontal with round top, two-part



WITH DN 50 OUTLET

WITH DN 110 OUTLET

Drain symbol		Dm160/50H2	Dm200/50H2	Dm160/75H2	Dm200/75H2	Dm160/110H2	Dm200/110H2
Complete drain catalogue number mat. 304 with anti-slip mesh grating		08.047050.23	08.045050.23	08.047075.23	08.045075.23	08.047110.23	08.045110.23
Complete drain catalogue number mat. 304 with ladder grating		08.047050.34	08.045050.34	08.047075.34	08.045075.34	08.047110.34	08.045110.34
Complete drain catalogue number mat. 304 with plate grating		08.047050.43	08.045050.43	08.047075.43	08.045075.43	08.047110.43	08.045110.43
Complete drain catalogue number mat. 304 with tight plate grating		08.047050.50	08.045050.50	08.047075.50	08.045075.50	08.047110.50	08.045110.50
Dimensions	H2	75-125	75-125	75-125	75-125	75-125	75-125
	DN	50	50	75	75	110	110
	H	135	135	135	135	135	135
	h1	60	60	60	60	60	60
	D	137	137	137	137	137	137
	Ø	162	198	162	198	162	198
	hr	25	25	25	25	25	25
Drain body catalogue number mat. 304 upper part		28.036110.06	28.034110.06	28.036110.06	28.034110.06	28.036110.06	28.034110.06
Drain body catalogue number mat. 304 lower part		50.059050.00	50.059050.00	50.059075.00	50.059075.00	50.059110.00	50.059110.00
Trap catalogue number		00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01	00.150110.01
Strainer catalogue number		01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00	01.150110.00
Trap flow rate [l/s]		0.9	0.9	0.9	0.9	0.9	0.9
Grating catalogue no.	anti-slip mesh	06.160152.06	06.200188.06	06.160152.06	06.200188.06	06.160152.06	06.200188.06
	ladder	09.160152.06	09.200188.06	09.160152.06	09.200188.06	09.160152.06	09.200188.06
	plate	17.160152.06	17.200188.06	17.160152.06	17.200188.06	17.160152.06	17.200188.06
	tight plate	16.160152.06	16.200188.06	16.160152.06	16.200188.06	16.160152.06	16.200188.06



Floor drain grating with a tight plate cover is removed using a suction cap. This is an additional element – it is not available in the drain set.

* to order a complete drain made of 316 material, change the first digit of the catalogue number to "1", e.g. 10.056050.70

In case of floor drains with a tight plate cover, an 8 [mm] thick plate grating with a circumference seal is used.

GRATING SYMBOLS



anti-slip mesh



ladder



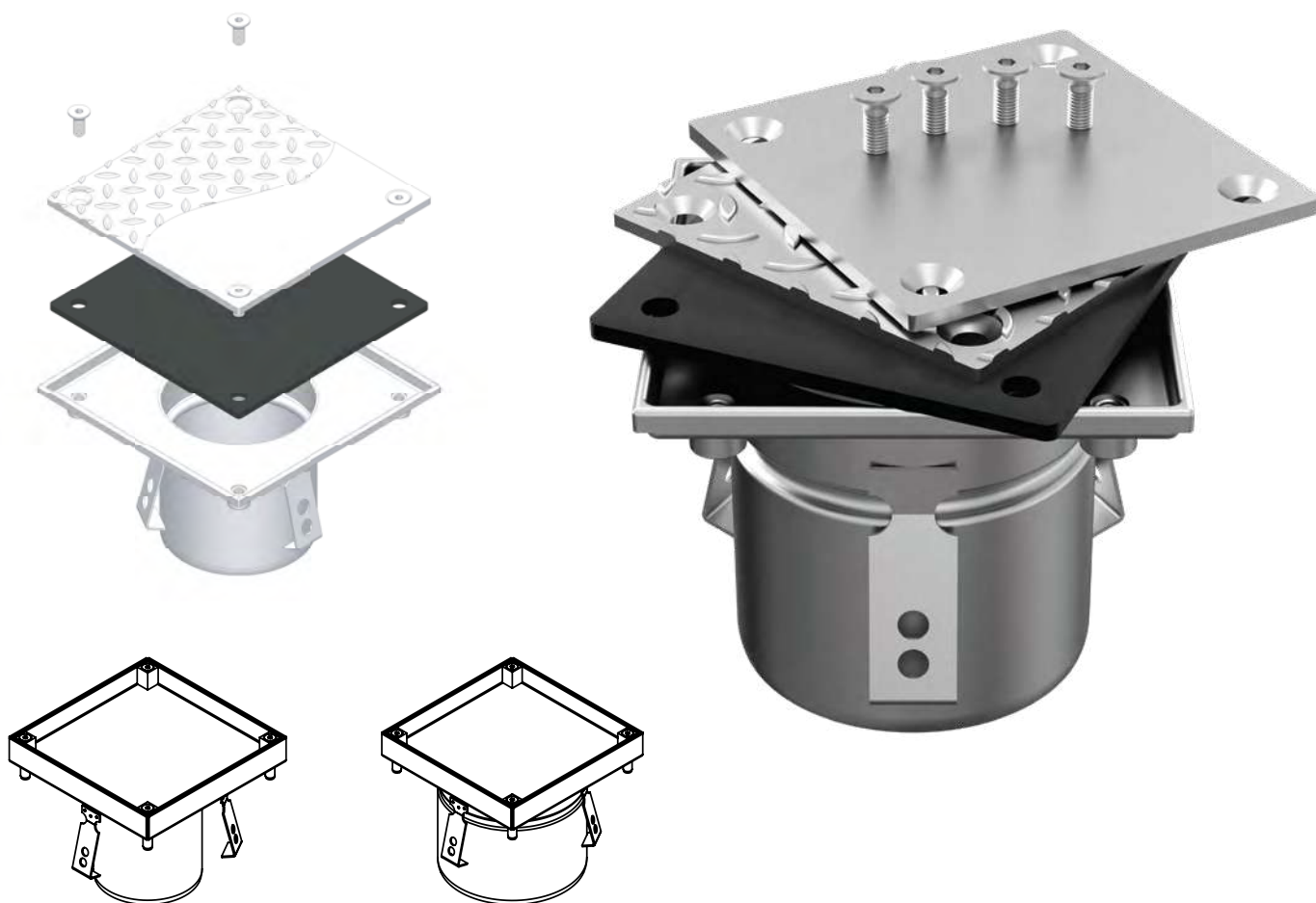
plate



tight plate



RODDING EYES



These sewage system elements are widely applied in industrial facilities (chemical, food, pharmaceutical plants etc.). Use of a rodding eye allows quick access to the underfloor area and easy cleaning.

Rodding eyes are made of AISI304 or AISI316 grade steel. Penetration of water is prevented by the seal installed between the bolted cover and the body.

Two types of covers are available:

- **smooth (G),**
- **checker plate (R).**

Edge finish allows for installation in any type of floor.

We offer rodding eyes for sewage pipes of diameters from DN110.

ADVANTAGES OF RODDING EYES

- resistant to corrosion,
- provide a barrier against odours,
- easy installation,
- dimensions of offered rodding eyes are adapted to the sewage system diameter,
- an aesthetically pleasing design element.

INSTALLATION OF RODDING EYES

1. Drain pipe must be connected at an appropriate height.
2. While pouring concrete, the upper part of the rodding eye must be located approximately 1-1.5 [mm] below the floor.

RODDING EYES

Symbol	Catalogue number.	Dimensions [mm]	
Rw 150/110		DN	110
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.050110.53	W	150
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.050110.54	H	126
Smooth plate grating	11.150141.02		
Checker plate grating	13.150141.02		

Symbol	Catalogue number.	Dimensions [mm]	
Rw 200/110		DN	110
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.051110.53	W	200
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.051110.54	H	127
Smooth plate grating	11.200195.02		
Checker plate grating	13.200195.02		

Symbol	Catalogue number.	Dimensions [mm]	
Rw 200/160		DN	160
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.051160.53	W	200
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.051160.54	H	127
Smooth plate grating	11.200195.02		
Checker plate grating	13.200195.02		

Symbol	Catalogue number.	Dimensions [mm]	
Rw 250/160		DN	160
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.052160.53	W	250
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.052160.54	H	127
Smooth plate grating	11.250245.02		
Checker plate grating	13.250245.02		

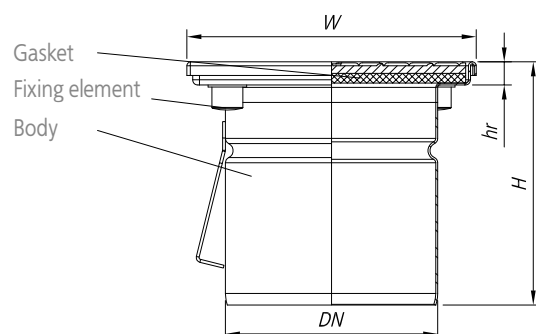
Symbol	Catalogue number.	Dimensions [mm]	
Rw 250/200		DN	200
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.053200.53	W	300
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.053200.54	H	127
Smooth plate grating	11.300295.02		
Checker plate grating	13.300295.02		

Symbol	Catalogue number.	Dimensions [mm]	
Rw 300/160		DN	160
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	08.053160.53	W	300
Catalogue number of complete rodding eye mat. 304 with checker plate grating	08.053160.54	H	127
Smooth plate grating	11.300295.02		
Checker plate grating	13.300295.02		

Symbol	Catalogue number.	Dimensions [mm]	
Rw 300/200		DN	200
Catalogue number of complete rodding eye mat. 304 with smooth plate grating	00.053200.53	W	300
Catalogue number of complete rodding eye mat. 304 with checker plate grating	00.053200.54	H	127
Smooth plate grating	11.300295.02		
Checker plate grating	13.300295.02		



RODDING EYES



CHECKER PLATE COVER



SMOOTH COVER



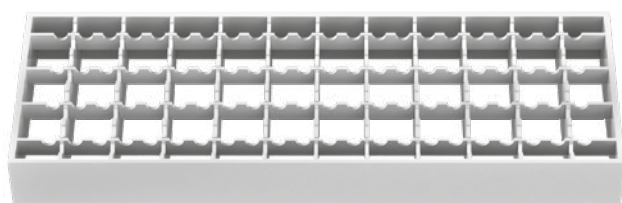
ELEMENTS OF RODDING EYE

- body,
- cover,
- fixing screws,
- seal.

LINEAR DRAINAGE



STANDARD CHANNELS



They are used to collect water from the surface of the floor and drain it into the sewage system. Drainages of this type are used in food plants (breweries, dairies, abattoirs) and chemical industry plants.

PRODUCTION TECHNOLOGY

Standard channels are manufactured in a wide range of dimensions and shapes. They are produced according to a drawing prepared as a result of cooperation

between an investor, a designer or a technologist and ATT engineers. By standard, we use sheet metal of 2 [mm] thickness made of AISI 304, EN 1.4301 or AISI 316L, EN 1.4404 grade steel for production. The drainpipes have built-in bottom slope, which by standard is 1%. There is a possibility to adapt the size of the slope to a specific project. In order to facilitate installation, each channel is equipped with rectifying screws and anchoring elements. They allow correct levelling of the drainpipe and its settling

STANDARD CHANNELS



The channels are covered with grating. Depending on the application and load, we offer: 'anti-slip' mesh, ladder, perforated sheet or plate grating. As a standard, the sections longer than 4 metres are joined by means of flanges with gaskets. Depending on customer preferences, the standard channels can be connected with other drainage components, such as floor drains or slot channels.

STANDARD CHANNELS



ADVANTAGES OF THE CHANNELS

- drain large amounts of water,
- they may be easily configured and connected at required angles with other standard or slot channels,
- it is possible to apply various types of covering gratings,
- easy access for cleaning (rounded internal corners, removable gratings, waste basket with a trap),
- the channel edge can be adapted to the floor type (additional edge flanging for tiles, angle for expansion joints),
- a rodding eye is installed in the sewage system in the place of drainage.

DESIGN DESIGNATIONS

Standard channels are defined by determining the external width (S150, S200, S220.....S600..... etc.).

EXAMPLE

S150 – means a channel of external width of 150 [mm].

In case of a S150 channel, the grating width will be 110 [mm], and the hydraulic width will be $Sh = 80$ [mm]. In addition to the width, the channel parameters should also include type and degree of fall and the drawing of the channel route in the plan.

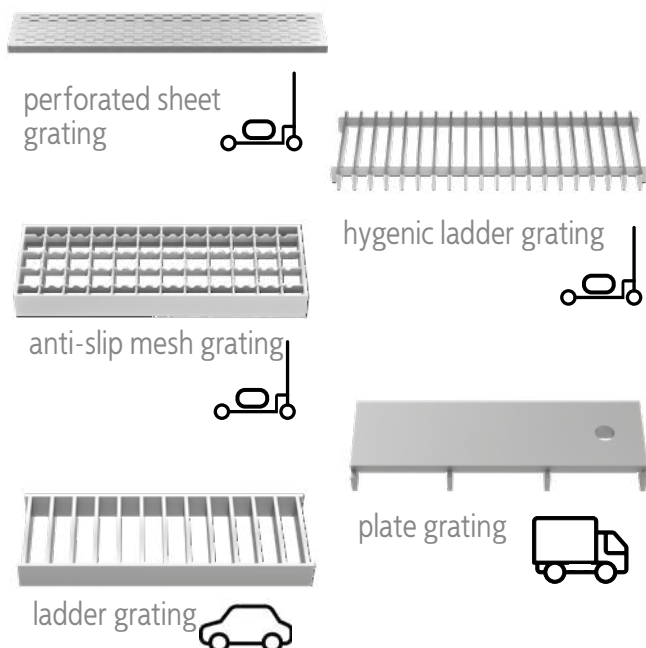
STANDARD CHANNELS

COVERING GRATINGS

The most typical grating to cover the standard channels is ladder grating. Our products range also includes the anti-slip mesh grating, plate or perforated sheet gratings, all in different sizes and dimensions.

The gratings are selected depending on the place of installation of the channel, taking into account the load class and functionality.

In the places of intensive forklift traffic, it is recommended to install a plate grating, while in case of large amounts of drained water – a mesh and ladder grating.

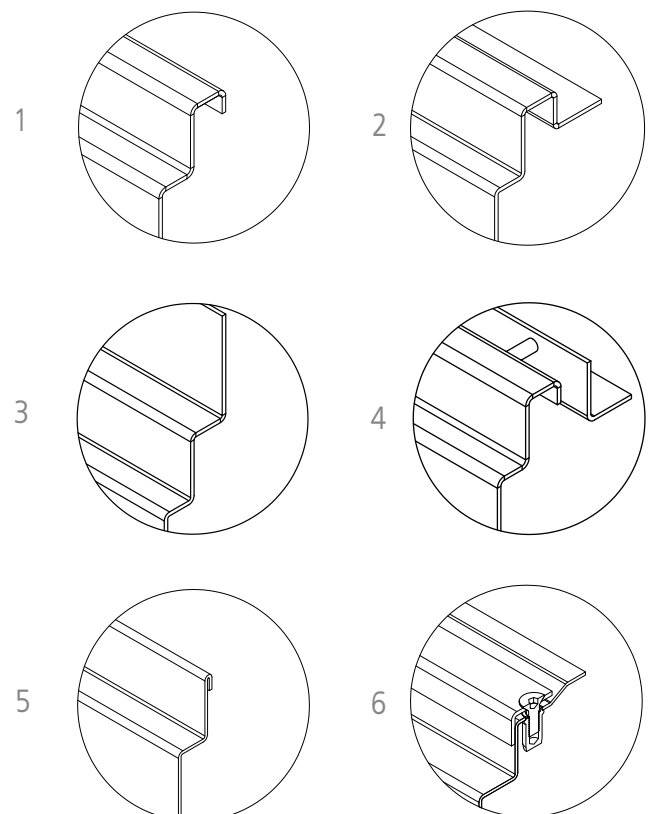


CHANNEL EDGES FINISHING

The edge finishing should depend on the flooring and wastewater temperature.

We can offer the following options:

- 1 – with downward flange (standard),
- 2 – with flange,
- 3 – with raised back edge,
- 4 – with edge angle section for the expansion joint in the floor,
- 5 – with tightly platelly folded edges,
- 6 – for a vinyl floor.



STANDARD CHANNELS

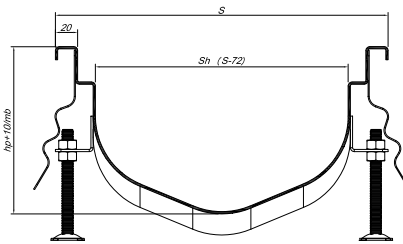
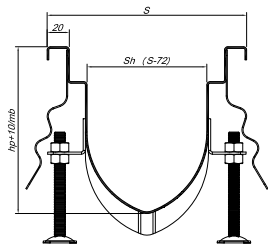
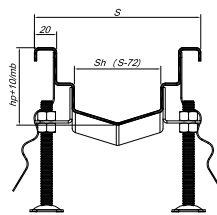
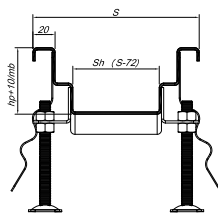
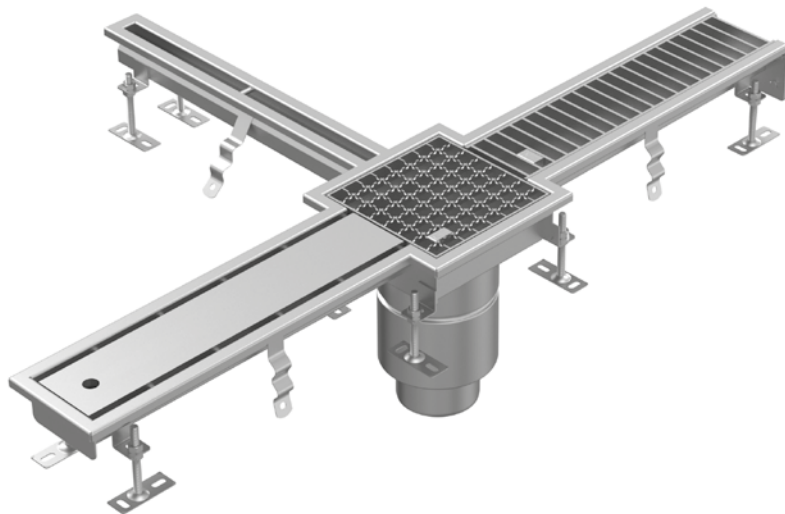
The following figure presents an example channel arrangement. The distribution of drains and the arrangement of the channel, depends on the needs and the amount of water collected on the floor during the technological process. There is a possibility to connect the systems we have on offer – standard and slot channels.

Arrangement of the channel should be prepared by a designer in cooperation with a technologist. In case of any technical doubts related to execution of a given

drainage, our consultants can assist you.

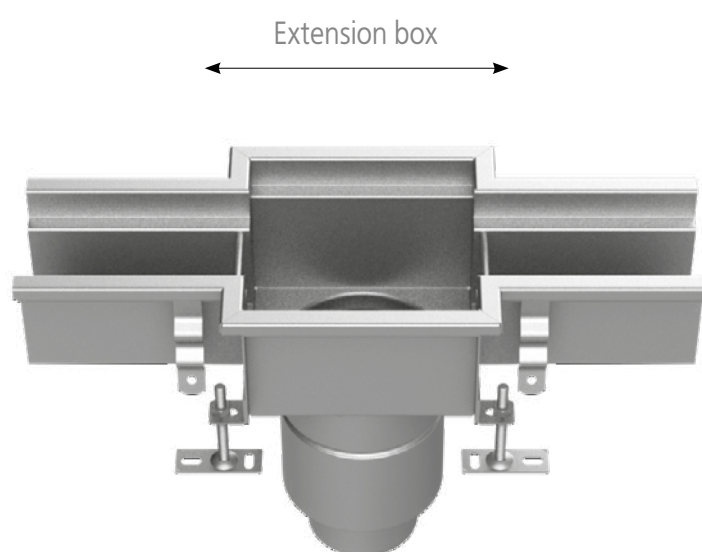
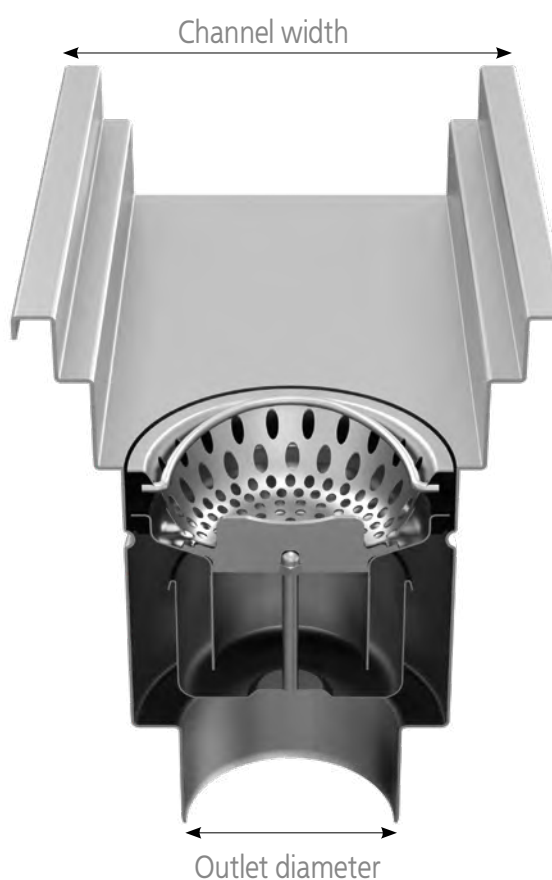
The outlet of the channel is equipped with a trap and a waste basket, which secure the sewage system against solid contamination. The drainage part is also equipped with a flange, which can be supplemented with a horizontal insulation.

Such a solution ensures tightness at the point where the outlet passes through the ceiling.



hp. – the initial height of the channel, the slope of the channel bottom depends on the specification requirements and installation possibilities.

STANDARD CHANNELS



The table below shows the standard dimensions of the channel extension depending on the type of outlet used. The extension is always 10 [mm] deeper than the channel it is connected to.

Due to the fact that the grating has bearing elements of one direction only, the extension is asymmetrical, which prevents incorrect installation.

Outlet type	Outlet diameter [mm]	Diameter of the body [mm]	Dimensions of the extension box (length X width) [mm]	Channel without extension box		Flow rate 1.2 [l/s]
				Minimum channel width [mm]	Minimum hydraulic width [mm]	
Wm150/Wm200/50,75,110V1/2,H1/2	50,75,110	110	205x200	S190	120	0.9
W200/75,110V1/2,H1/2	75, 110	157	245x240	S240	170	2.1
W250/110V1,H1	110	193	275x270	S270	200	3
W250/110V2,H2	110	172	275x270	S250	190	3
W300/110,160V1/2,H1/2	110, 160	255	355x350	S330	260	5.7
W400/200V1,H1	200	348	445x440	S430	360	13.9
W400/200V2,H2	200	320	445x440	S400	330	13.9

SLOT CHANNELS



ADVANTAGES OF THE SLOT CHANNELS

- blend well as a design element,
- less expensive than standard channels,
- they may be connected to other types of channels,
- grating is not required,
- easy assembly in the place of installation.

Slot channels are a simple and inexpensive surface drainage system, used in places where high hydraulic capacity of the channel is not required.

The perfect solution for rooms where condensate drips from machines and air conditioning devices, e.g. in dairies, bakeries and swimming pools, as separation between dry and wet surfaces.

PRODUCTION TECHNOLOGY

Slot channels are made of stainless steel sheets of 1.5-2 [mm] thickness. They have a built-in bottom slope and may be also adapted to a particular floor thickness. Drainage of water from a slot channel may be provided through a spigot or a floor drain with a waste basket and a trap. By standard, the length of a channel with a single outlet should not exceed 10 [m]. Channel sections longer than 4 [m] are connected via sealed flanges or they can also be welded during installation.

SLOT CHANNELS

MINI SLOT CHANNEL

MINI slot channels are made of 1.5 [mm] stainless steel sheets. The channel is not covered with any grating. It is characterised by a smaller inlet opening and clearance width. They are used in applications where lower amounts of wastewater are drained.

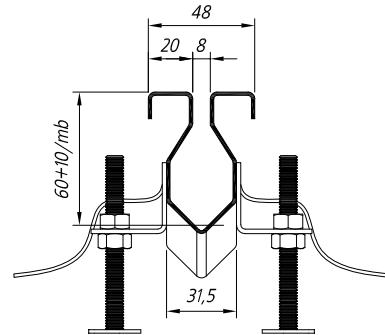
MAXI SLOT CHANNEL

MAXI slot channels are made of 2 [mm] stainless steel sheets. The channel is not covered with any grating, and it is characterised by increased hydraulic efficiency compared to standard channels. It is characterised by a greater inlet opening and clearance width. It is used wherever it is necessary to drain greater amounts of wastewater and, due to the production process (lack of large solid contamination), there is no need to use a standard channel.

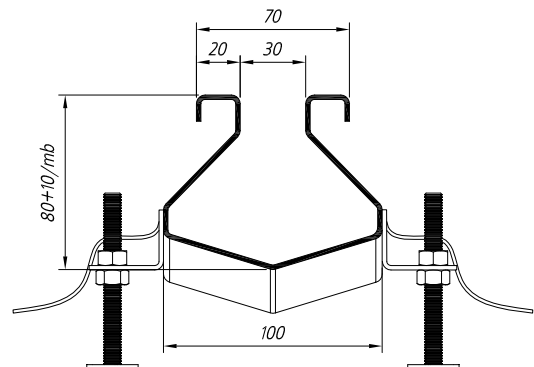
MINI STANDARD CHANNEL

The mini type standard channel combines the advantages of standard and slot channels. This is a channel of small dimensions with a covering grating. Channels of this type are installed wherever small amounts of water must be drained and it is necessary to use a channel with a possibility to install a rodding eye. By standard, stainless steel sheets of 1,5-2 [mm] thickness made of AISI 304 or AISI 316 grade steel are used for production.

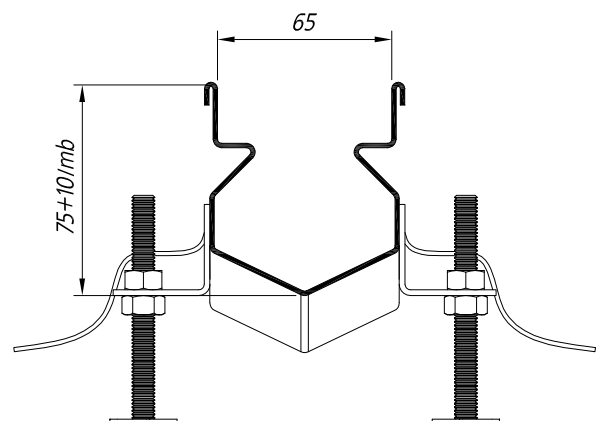
The slot channels and mini standard channel are equipped with levelling bolts and anchoring elements. The technology of installation and further operation is the same as with standard channels.



Mini slot channel



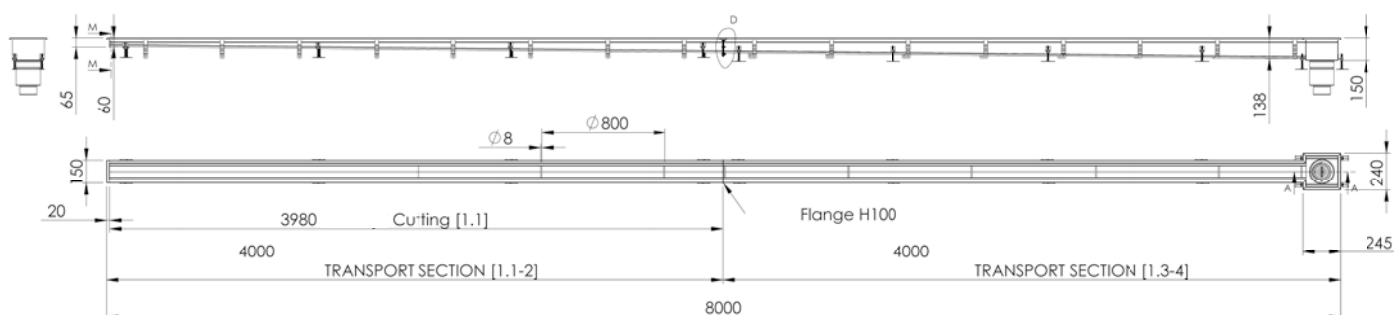
Maxi slot channel



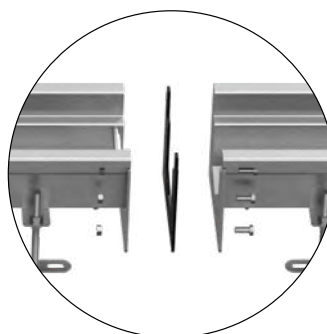
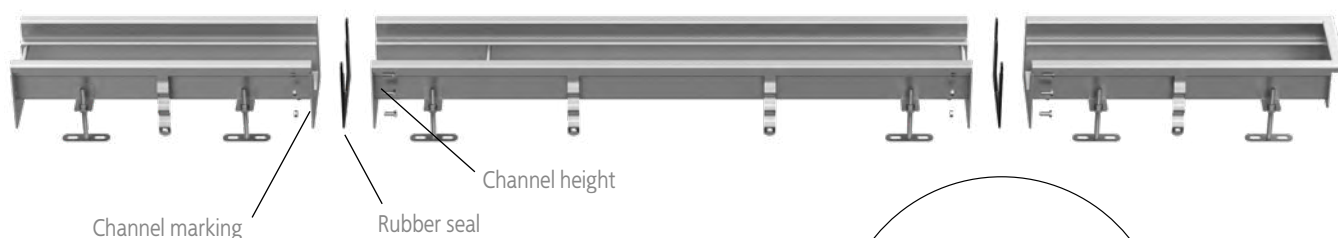
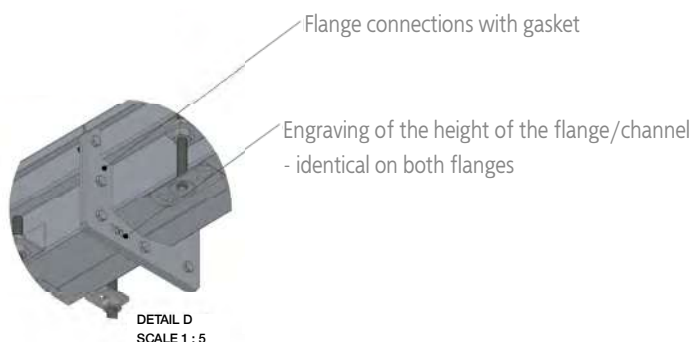
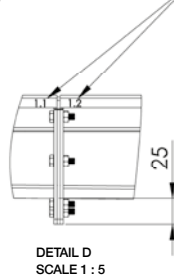
Mini standard channel

LINEAR DRAINAGE

CHANNELS ASSEMBLY DIAGRAM



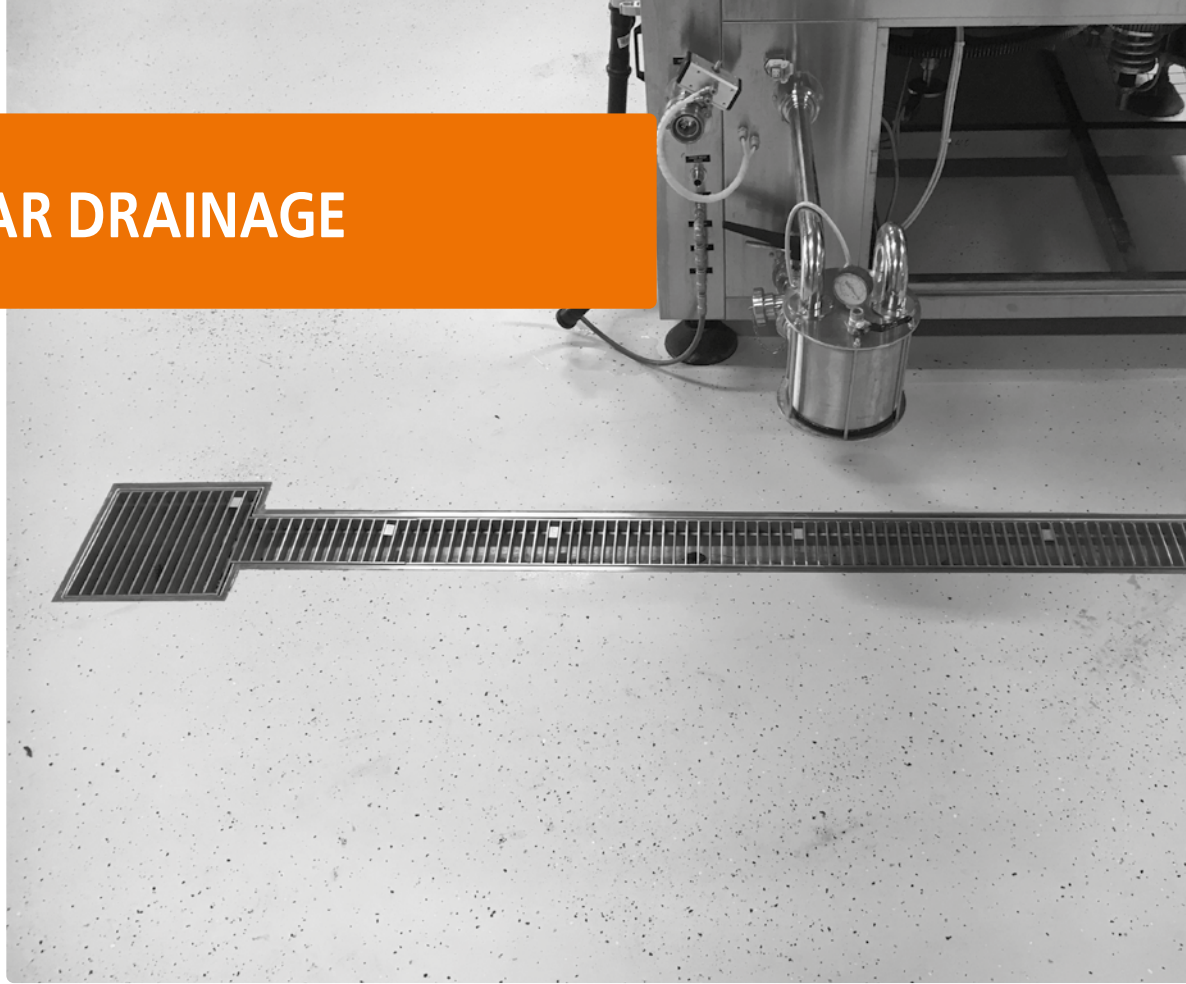
The numbers of sections/cuts are marked with an engraving



By default, channel lines are divided into 4-metre sections that allow for efficient and safe transport of the product. A single element channel to a maximum length of 6 metres can be manufactured.

By standard, elements are connected using mounting flanges. This type of connection requires additional space of 25 [mm] under the bottom of the channel in order to ensure tightness between its sections. Alternatively, the drainage system may be welded directly at the construction site.

LINEAR DRAINAGE

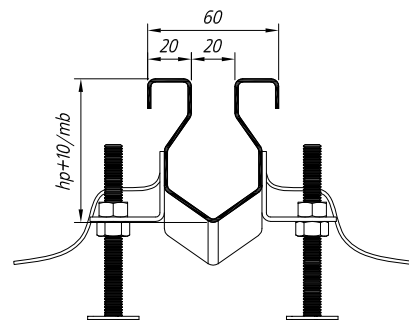


CHANNELS INSTALLATION

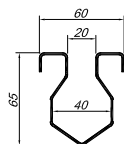
1. Before installing the channel, bolt all of its parts together according to the "installation guide" to ensure tightness of all flange connections (flange-gasket-flange).
2. Install the channel prepared as above in the sewer service pipe's spigot.
3. The next step involves placing the channel at the proper height. The channel edge should be 1-1.5 [mm] below the floor level.
4. When the channel is stabilized, we recommend securing it against displacement during concrete pouring.
5. Pour concrete on the levelling legs and anchoring elements.
6. In hard to access areas subjected to highest loads, insert the concrete with a spatula.
7. Make sure the elements are clean and free of dirt. Remove gratings, waste baskets and traps.

DEPTH OF CHANNELS

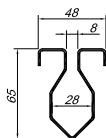
In case of channels with bottom slope, the channel depth increases along with its length. The depth of the outlet at the drain depends on the initial height, length and specified channel slope.



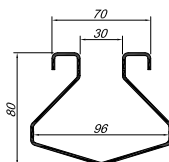
LINEAR DRAINAGE



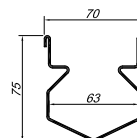
Slot channel



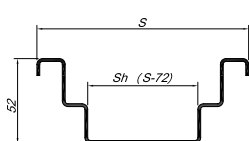
Mini slot channel



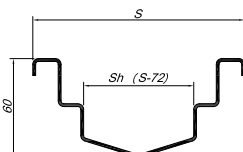
Maxi slot channel



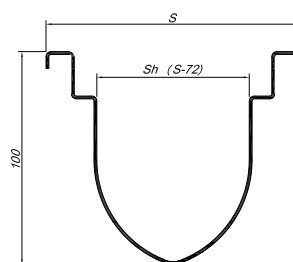
Mini standard channel



Standard channel
with flat bottom



Standard channel
with v-shaped
bottom



Narrow standard
channel with rounded
bottom

EDGES FILLING

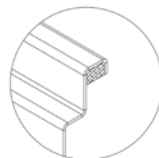
Standard edge (unfilled).

Edge filled with synthetic. It facilitates assembly and prevents empty spaces between concrete and the edge, thus protecting the edge of the channel against deformation under heavy loads.

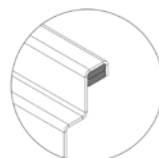
Edge with stainless steel filling. Edges filled with flat bars should be used in areas of high traffic intensity and high utility loads.



No fill



Epoxy



Flat bar fill

TOP SLOT CHANNEL

GENERAL INFORMATION

Depending on flow rate and load class required, stainless steel top slot can be used for different types of channels made from polymer, concrete, GRP or plastic.

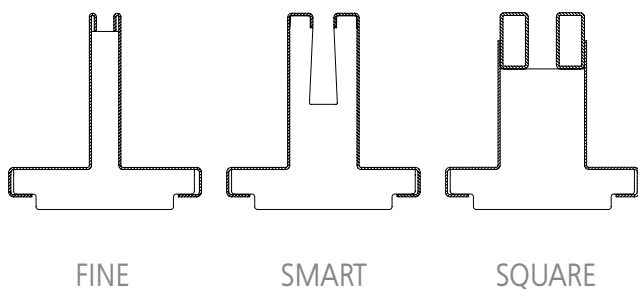
The system after installation is totally secure and resistant to vandalism, which makes it suitable for applications in all public areas. This solution is also perfect for using against building facades and in pedestrian areas thanks to the narrow heelsafe slot.

Product features can be adjusted to meet required loading classes From A15 through B125 up to C250.

Material thickness used for production varies from 1 up to 3 mm.

APPLICATION

- commercial developments,
- public areas,
- car parks,
- pedestrian zones,
- residential areas,
- landscaping.

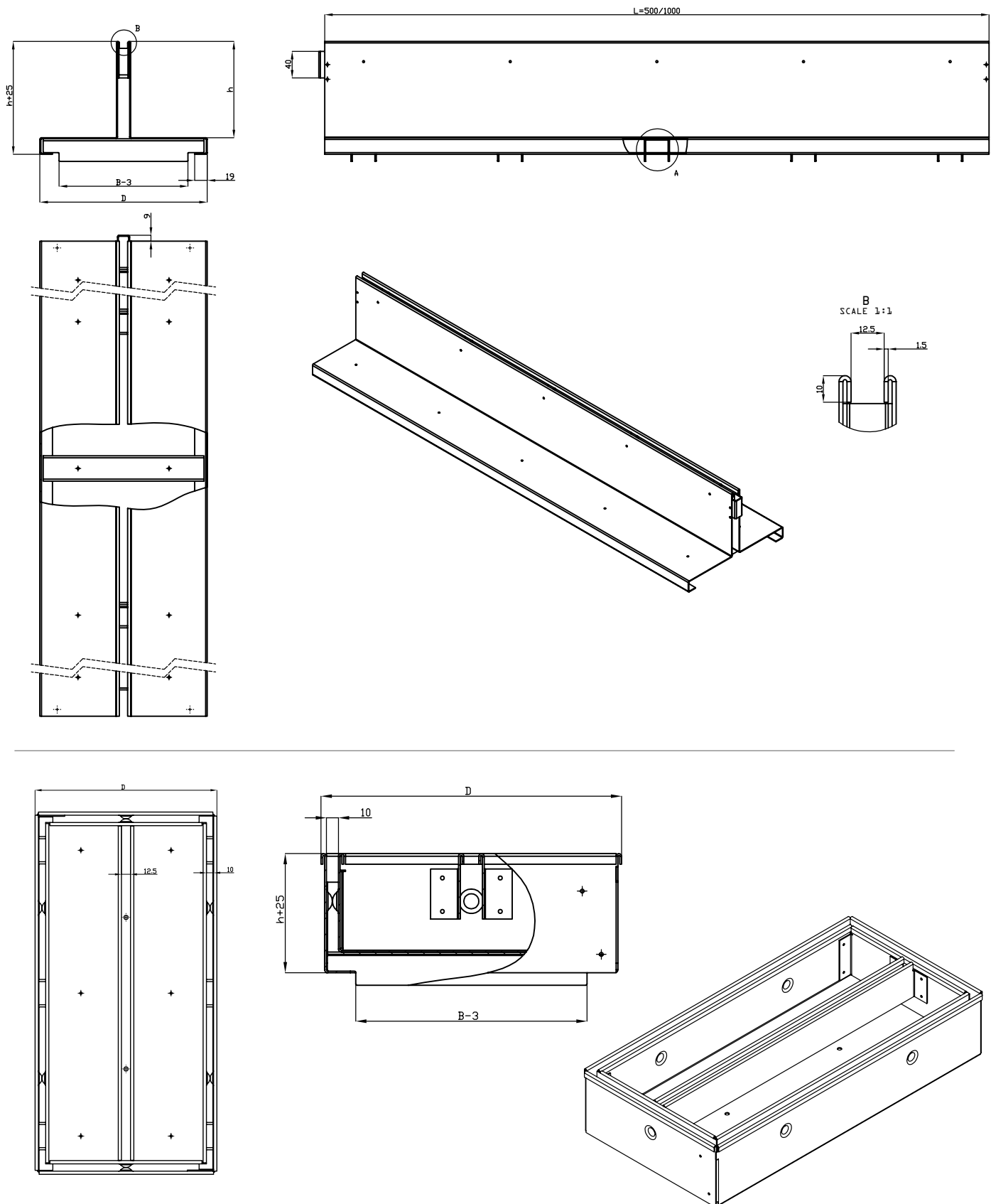


ADVANTAGES

- enforced top of the slot,
- complete product line
- top slot gratings and revision boxes are easy for cleaning and maintenance
- easy installation,
- installation possible with any paving material,
- fast removal of surface water,
- works with all types of pavement furnishing materials,
- aesthetic look and durability,
- parameters can be adjusted to the Clients requirements.

TOP SLOT CHANNELS

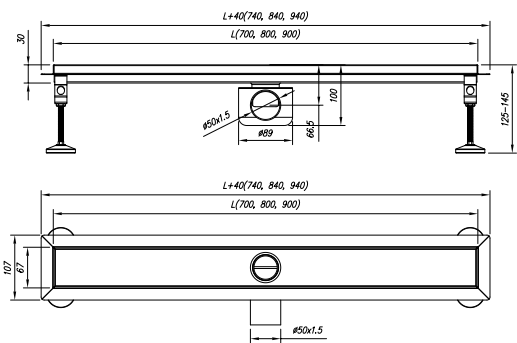
EXAMPLE REALIZATIONS



BATHROOM SOLUTIONS



BATHROOM CHANNELS



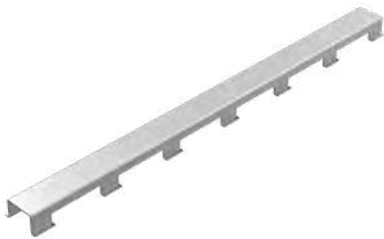
CHANNEL WITH FLANGE FOR TILE FLOORS

channel with flange for tile floors	
length [mm]	Cat. no.
700	00.067007.02
800	00.067008.02
900	00.067009.02
1000*	00.067010.02
1200*	00.067012.02

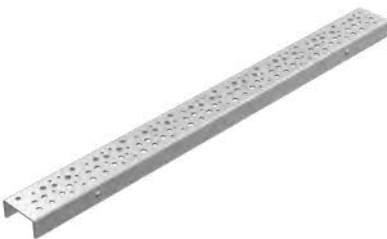
* At request

Gratings		
Name	Length [mm]	Cat. no.
GOCCIA	Available: 700, 800, 900 At request: 1000, 1200	02.067007*.03
VIPERA		03.067007*.03
QUADRO		05.067007*.03
PIETRA		06.067007*.03
FAGIOLI	At request: 700, 800, 900, 1000, 1200	04.067007*.03
PIAZZA		01.067007*.03

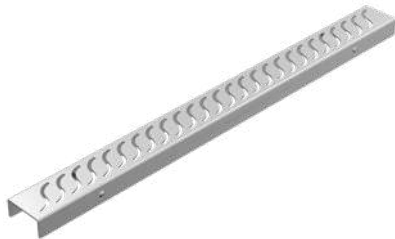
* digits corresponding to the channel length, e.g.: 02.067007.03 is GOCCIA grating 700 [mm] in length



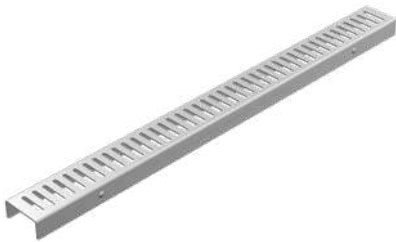
PIAZZA



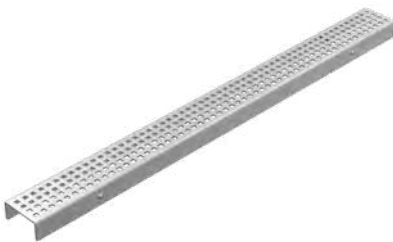
GOCCIA



VIPERA



FAGIOLI

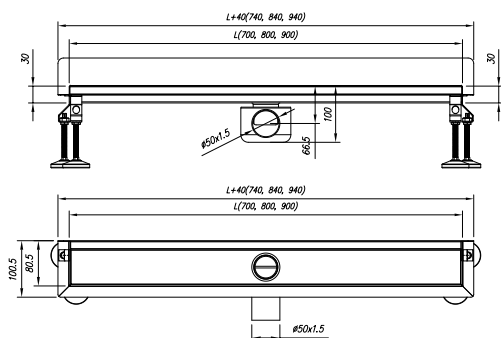


QUADRO



PIETRA

BATHROOM CHANNELS



CHANNELS WITH A RAISED BACK EDGE

channel with a raised back edge	
length [mm]	Cat. no.
700	00.080007.02
800	00.080008.02
900	00.080009.02
1000*	00.080010.02
1200*	00.080012.02

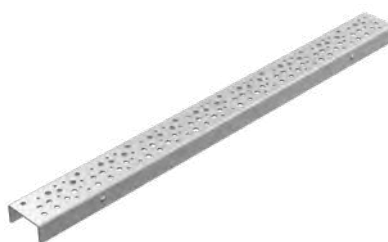
* on request

Gratings		
Name	Length [mm]	Cat. no.
GOCCIA	Available: 700, 800, 900 At request: 1000, 1200	02.067007*.03
VIPERA		03.067007*.03
QUADRO		05.067007*.03
PIETRA		06.067007*.03
FAGIOLI	At request: 700, 800, 900, 1000, 1200	04.067007*.03
PIAZZA		01.067007*.03

* digits corresponding to the channel length, e.g.: 02.067007.03 is GOCCIA grating 700 [mm] in length



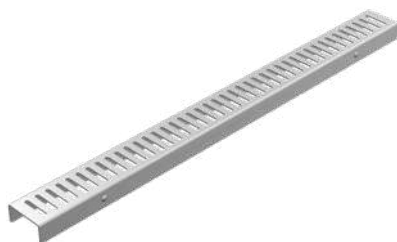
PIAZZA



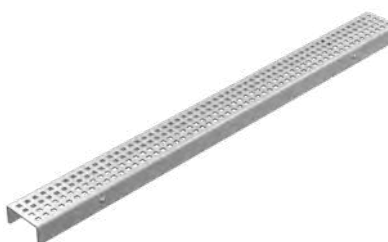
GOCCIA



VIPERA



FAGIOLI



QUADRO



PIETRA

BATHROOM WALL DRAINAGE

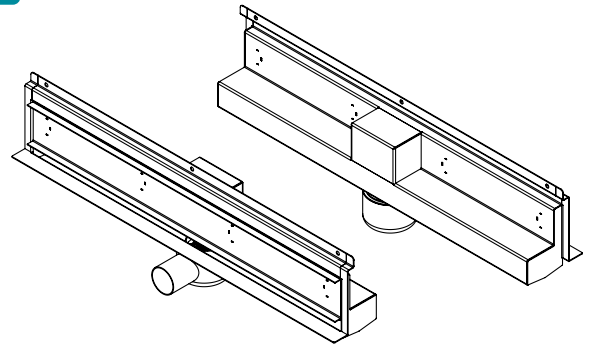
GENERAL INFORMATION

BWD Series is a two-piece low profile wall recess linear drain, that is specifically designed for a truly invisible floor drainage for an easy installation and with bonded waterproofing membrane.

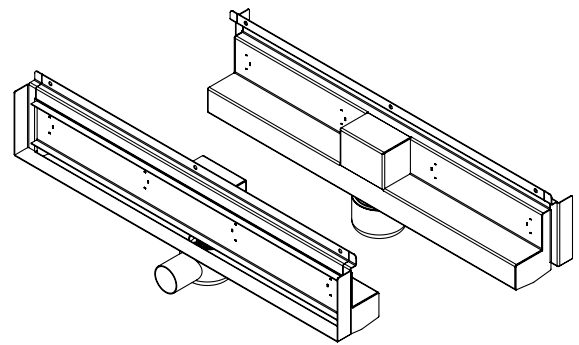
BWD drain is designed to accommodate large, small format tiles or stone installations in a shower with a single plane slope to the drain. Our linear drain is designed for commercial or residential projects and is intended for interior applications.

ADVANTAGES

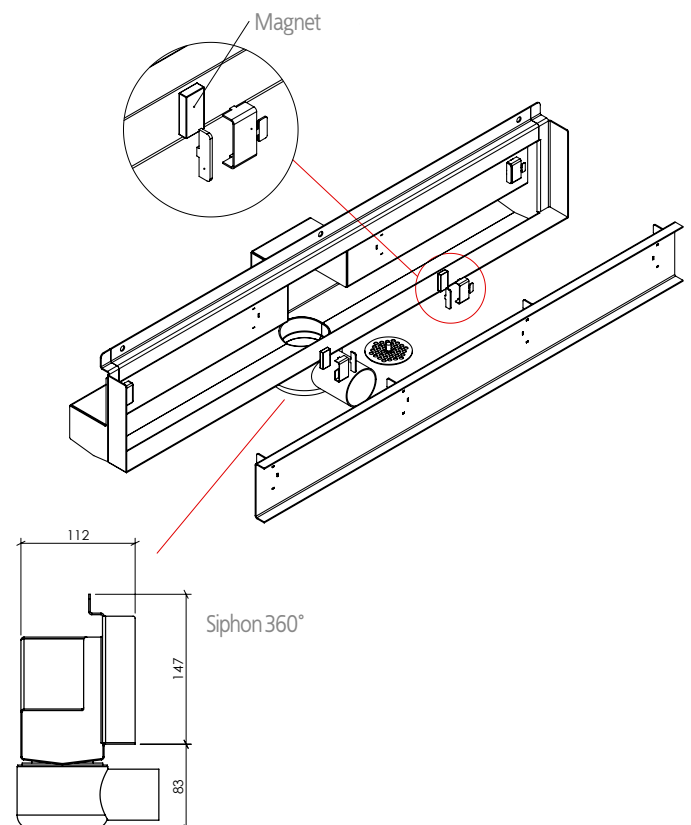
- Single slope to drain
- Allows for the use of tiles of any size and format
- Applicability of tiles into grating that blend with floor design
- Made from heavy duty 304 stainless steel provides for long-lasting performance
- 360 degrees rotating siphon



BWD - without flange



BWD - with flange

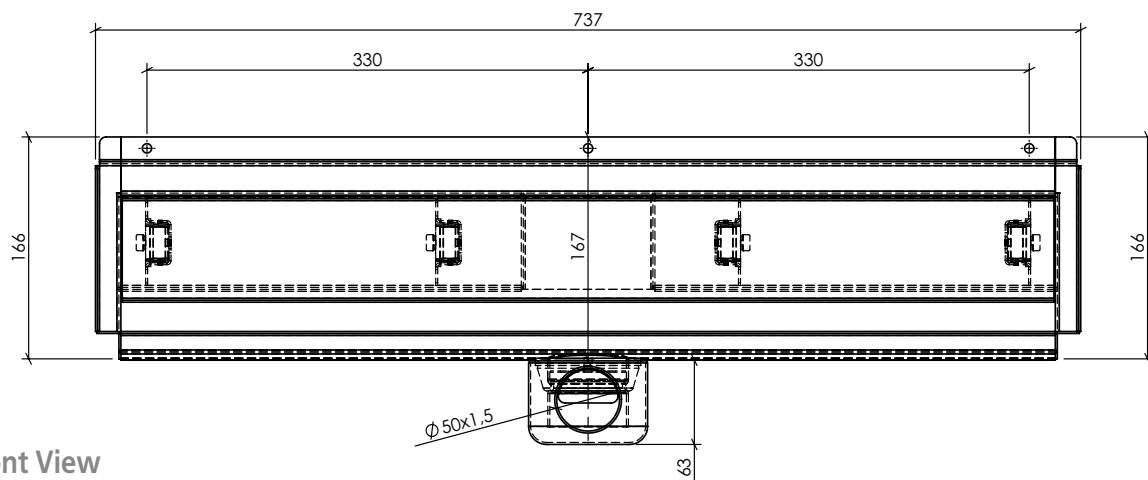


BATHROOM WALL DRAINAGE

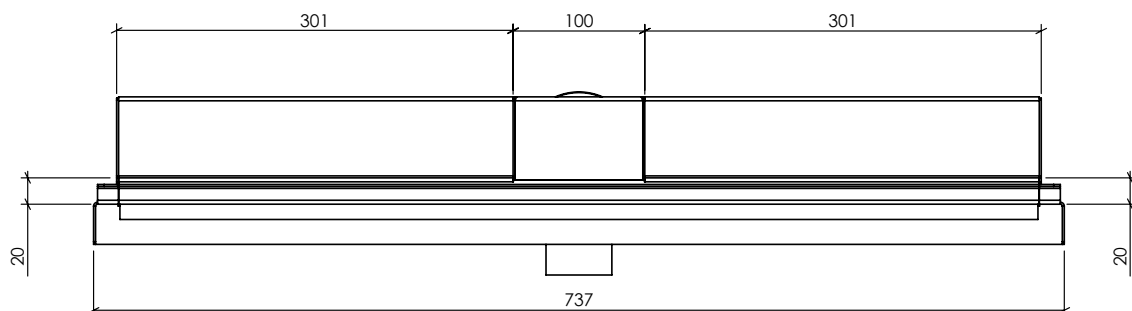
SPECIFICATION

- Application: Commercial and Residential
- Diameter: 50 mm
- Drain Opening: 50 mm
- Fits Pipe Size: 50 mm

Symbol	Total lenght [mm]	Visible Lenght [mm]
DUW-T-R-700	738	700
DUW-T-R-33	838	800
DUW-T-R-39	938	900



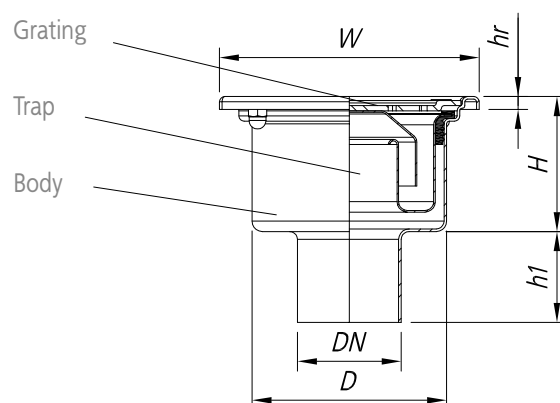
Front View



Top View

BATHROOM DRAINS

WL100/40 FLOOR DRAINS WITH VERTICAL OUTLET



Symbol		WL100/40V1
Catalogue number mat. 304		00.063040.02 - *
Dimensions [mm]	DN	40
	H	57
	H1	-
	h1	35
	D	77
	W	100x100
	hr	1,5

The number of a complete floor drain must be supplemented with the appropriate symbol and/or the grating catalogue no.



FIORE
cat. no. 02.063040.01



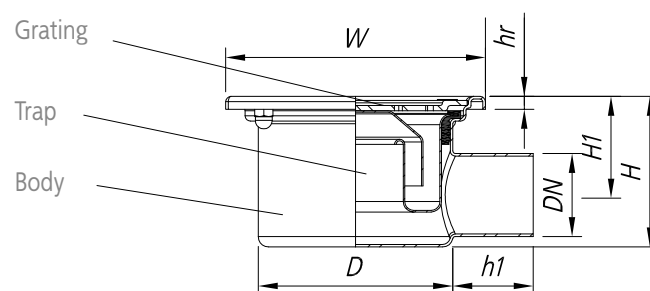
CERCHIO
cat. no. 01.063040.01



GOCCIA
cat. no. 03.063040.01

BATHROOM DRAINS

WL100/32 FLOOR DRAINS WITH HORIZONTAL OUTLET



Symbol		WL100/32H1
Catalogue number mat. 304		00.064032.02-*
Dimensions [mm]	DN	32
	H	58
	H1	42
	h1	30
	D	77
	W	100x100
	hr	1,5

The number of a complete floor drain must be supplemented with the appropriate symbol and/or the grating catalogue no.



FIORE
cat. no. 02.063040.01



CERCHIO
cat. no. 01.063040.01



GOCCIA
cat. no. 03.063040.01

SHOWER BASES

Bathroom shower bases are made of stainless steel with the AISI 304 symbol. They are produced using decorative sheet metal of 1.25 [mm] thickness.

Circle-shaped embossing gives the structure the required stiffness and at the same time provides anti-slippery protection. Drainage to the sewage system is carried out via bathroom outlets available on the market.

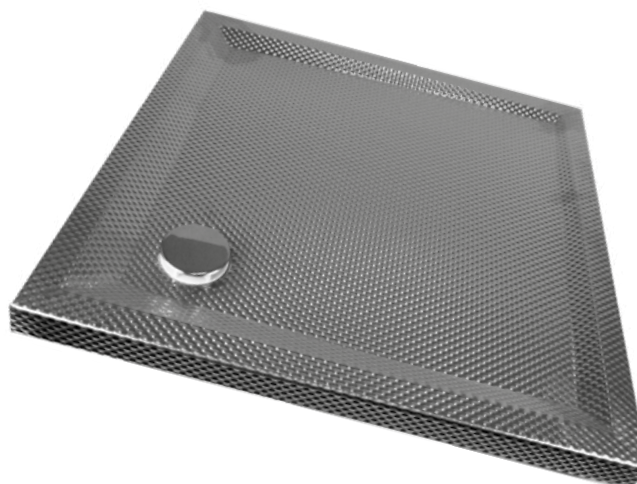
APPLICATION

- any room for disabled persons in facilities such as health centres, hospitals, rehabilitation facilities, spas, etc.,
- equipment for bathrooms in apartments, sport facilities, production facilities.

ADVANTAGES

- easy cleaning,
- strong disinfectants can be applied,
- anti-bacterial features of stainless steel,
- comfortable entrance to the shower cabin on a wheelchair without risk of damaging the structure or encountering any obstacles,
- easy assembly,
- aesthetically pleasing appearance.

Catalogue number	dimensions [mm]	height [mm]
00.208008.07	800 x 800	40
00.209009.07	900 x 900	40



STAINLESS STEEL SHOWER BASE

