





Welcome to HAURATON

The new Mercedes-Benz museum in Stuttgart, the reconstructed Frauenkirche in Dresden and the Emirates stadium, home of the famous English football club Arsenal in London – these are all projects where innovative drainage solutions from HAURATON make sure that stormwater is drained away reliably and buildings are protected against decay. We are a family owned company which for the last 50 years have been successfully developing, producing and selling innovative drainage solutions all over the world. HAURATON offers individual solutions to all its customers – ranging from high-performance channels at airports, motorways and container stations to drainage systems for walk-on fl at roofs and terraces. This individual approach is our strength as a family-owned and run company with a short line of decision and focussed on this sector of the market.

SLOTTED CHANNEL	4
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SLOTTED CHANNELS

SLOTTED CHANNELS for design-sensitive applications.



**Killesberghöhe in Stuttgart,
Germany**



SLOTTED CHANNELS

SLOTTED CHANNELS for design-sensitive applications.

1 Requirements

For the drainage of areas with architectural demands

- the surface drainage has to be discreetly hidden
- processing of all standard surface layers and stone slabs should be possible
- the surface water needs to be drained reliably

2 Application areas

- for areas and facades with high optical demands
- especially in public and commercial areas

3 Solutions

Therefore SLOTTED CHANNELS are suitable for the drainage of areas with architectural demands:

- only with the visible slot (narrow line) on the surface the clear elegance and significance is reached
- for all common surface layers and even asphalt
- allows to design a project in an uniform design
- functional requirements are completely met
- easy access to channel run through access cover
- slotted gratings made of galvanised or stainless steel



Shopping center Atoll Angers Beaucouzé, France



Public area Karlsruhe, Germany



Phoenix Sea in Dortmund, Germany



Kocherquartier, Schwäbisch Hall, Germany



Town hall square in Esch-sur-Alzette, France



Town hall square in Alicante, Spain

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Facade Drainage

SLOTTED
CHANNELS

RECYFIX® POINT
FASERFIX® POINT

RECYFIX®
GREEN

LINEFIX®

TOP X

YOUR BENEFITS WITH SLOTTED CHANNELS

INDIVIDUAL SOLUTIONS

- slotted covers made of: galvanised or stainless steel
- individual slotted covers with modified neck height, crossbars in the slot and more designs possible
- possibility to create a project in uniform design

= DESIGN FLEXIBILITY / EXCLUSIVENESS



ATTRACTIVE PRODUCT

- perfectly designed drainage line blends harmoniously into the appearance of the site

= UNIQUENESS



TECHNICAL FEATURES OF THE COVERS

- reinforcements under the cover and material thickness provide perfect balance between weight and stability
- class D 400 material thickness 4 mm
- slotted covers are riveted → no rusting of welded joints
- especially stable
- surface water is drained reliably

= LONGEVITY



HIGH-LEVEL FUNCTIONALITY AND EASY INSTALLATION

- quick access to channel run through removable access cover
- easy handling and installation

= TIME & COST SAVINGS



CONNECTION POSSIBILITIES

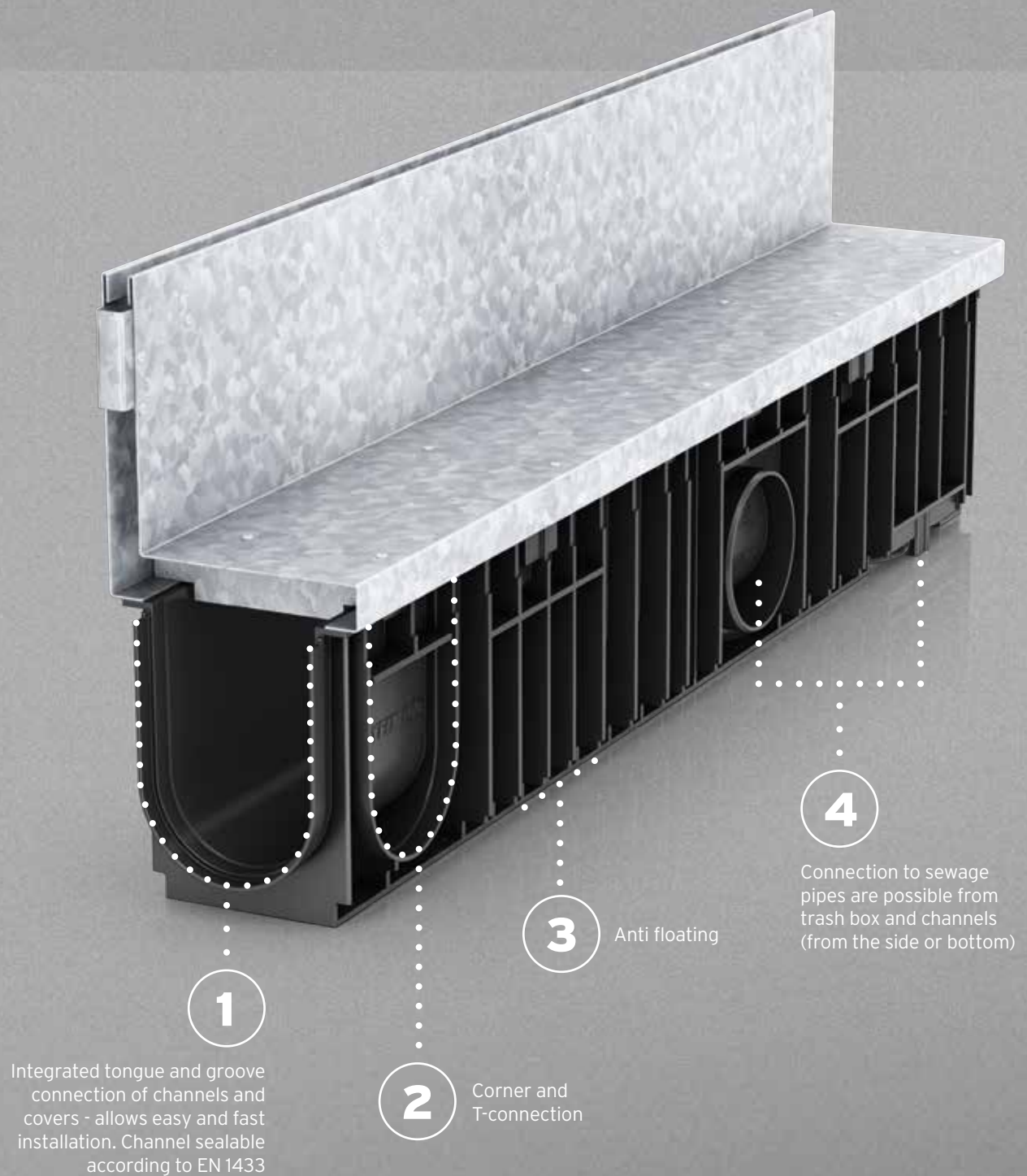
- access covers fit on both channels and trash boxes
- easy preparation of corner connections possible
- pivable access cover
- processing of all standard surface layers and stone slabs possible

= DESIGN FLEXIBILITY



IDEAL FOR ...

design-sensitive applications, such as areas and facades with high optical demands especially in public and commercial areas.



SLOTTED CHANNELS

SLOTTED CHANNELS for design-sensitive applications.

World champion surface drainage for German football.

FASERFIX® SLOTTED CHANNELS

DFB Football Museum in Dortmund with a modern drainage system. The impressive architecture shows that the theme of football is given a central place with this museum in the urban backdrop of Dortmund. The overall architectural concept of the architects of HPP Hentrich-Petschnigg & Partner placed high demands on the individual components in advance, also for the drainage technology installed. For this area, slotted channels were planned from the very beginning. Running underground, they integrate themselves into the overall visual impression.

The efficiency of this channel:

- **FASERFIX STANDARD 150 Channels:**
 - stable and secure
- **Slotted Cover:**
 - Class D 400: ideally suited for high traffic loads
 - Material: galvanised steel
 - Optics blend harmoniously into the appearance of the area
- **Trash boxes with visually unobtrusive inspection chambers for access to the channel run**



**DFB Football Museum
in Dortmund, Germany**



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SLOTTED CHANNELS

SLOTTED CHANNELS for design-sensitive applications.

SLOTTED CHANNELS meet the requirements of DIN EN 1433 and are suitable for the following load categories:



Category A 15, Load class 15 kN

Trafficked areas, which are exclusively used by pedestrians and cyclists



Category B 125, Load class 125 kN

Sidewalks, pedestrian areas and comparable areas, car parks or car parking decks



Category C 250, Load class 250 kN

Sidewalk channel areas and untraveled side panels or similar



Category D 400, Load class 400 kN

Carriageways of roads (including pedestrian streets), sideways of roads and parking areas that are passable for all types of road vehicles.

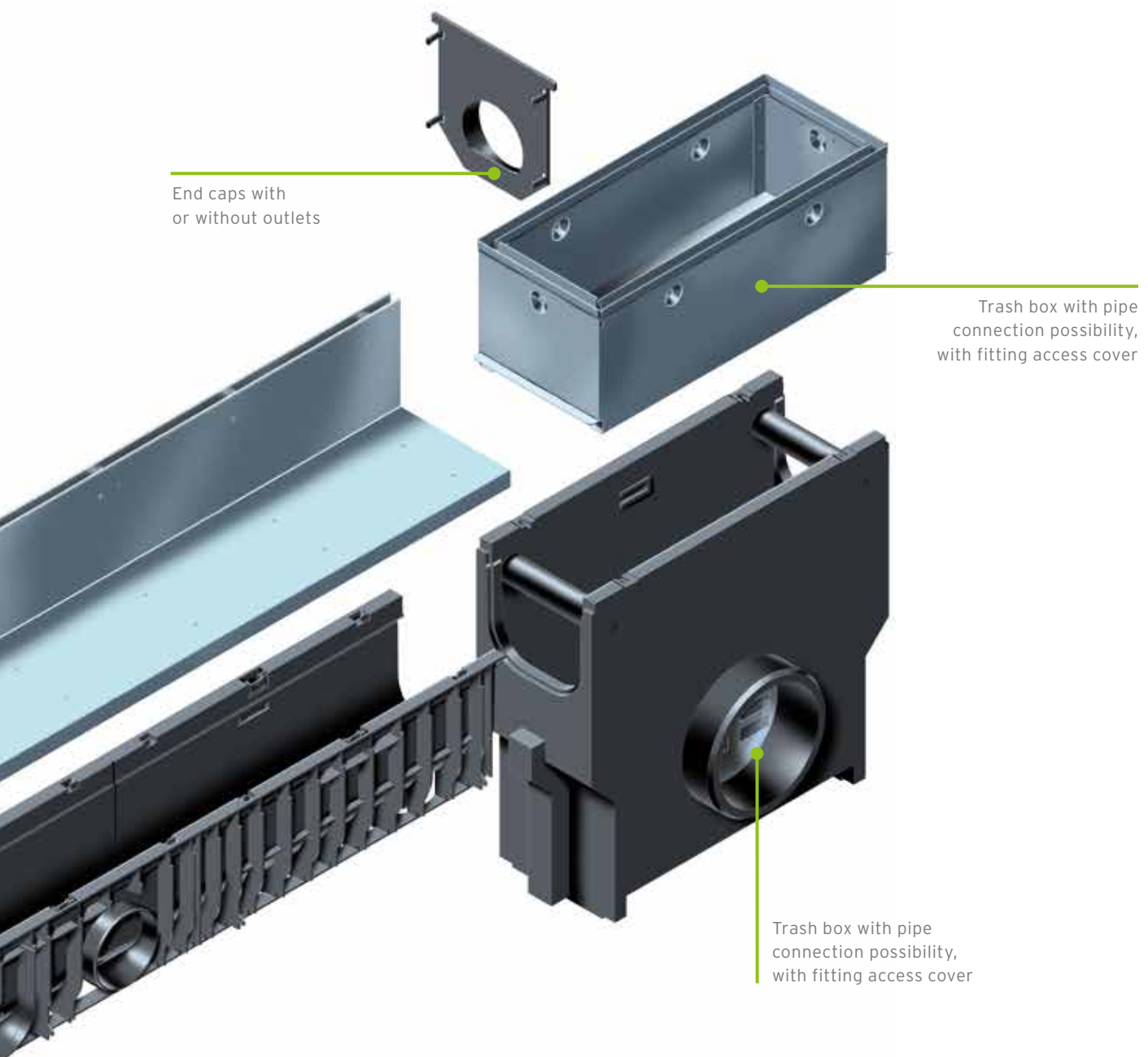
If in doubt, the higher category should be used.

Symmetrical or asymmetrical covers made of galvanised or stainless steel

End caps with or without outlets

Channels made of PP or fibre-reinforced concrete in nominal sizes 100 and 150, with tongue and groove connection for exact installation





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Facade Drainage

**SLOTTED
CHANNELS**

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TOP X

Easy opening of access cover by means of extraction bail



YOUR BENEFITS WITH SLOTTED CHANNELS FLAT

PRODUCT RANGE

- monolithic slotted channel with flat channel body
- ideally suited for low installation heights
- two different neck heights for standard slab/paving thicknesses

= FLEXIBILITY / COST SAVINGS



CLOSED OR PERFORATED CHANNEL BODY

- variable versions according to requirements
- as closed or perforated version for surface water drainage or for onsite infiltration

= FLEXIBILITY



CORNER ELEMENT

- 90 ° inner and outer corner available
- can be used at any point on the channel run, even when shortening the channel elements

= FLEXIBILITY / COST SAVINGS



CONNECTOR

- guaranteed flush-mounted installation
- secures the channel against displacement
- can be used at any point on the channel run, also when shortening the channel elements

= PERFORMANCE ASSURED / FLEXIBILITY



END CAP

- unique end cap
- no penetration of foundation material
- permanently fixed via clip function

= COST SAVINGS



INSPECTION BOX

- serves for cleaning and maintenance of the channel run
- enables vertical connection to the drainage pipe
- removable cover can be filled with the surrounding surface coating
- homogeneous appearance
- can be placed variably in the channel run, also on shortened channel elements
- slot continues to run seamlessly

= QUALITY & PERFORMANCE ASSURED



SLUDGE TRAP INLAY FOR CHANNEL SLOT

- keeps away coarse dirt
- reduces the slot width for pedestrian areas
- can be retrofitted if required
- clippable

= QUALITY & PERFORMANCE ASSURED



MATERIAL

- galvanised or stainless steel
- can be selected according to requirements

= FLEXIBILITY / LONGEVITY



IDEAL FOR ...

spaces and surfaces with high aesthetic demands, in particular flat installation situations.

1

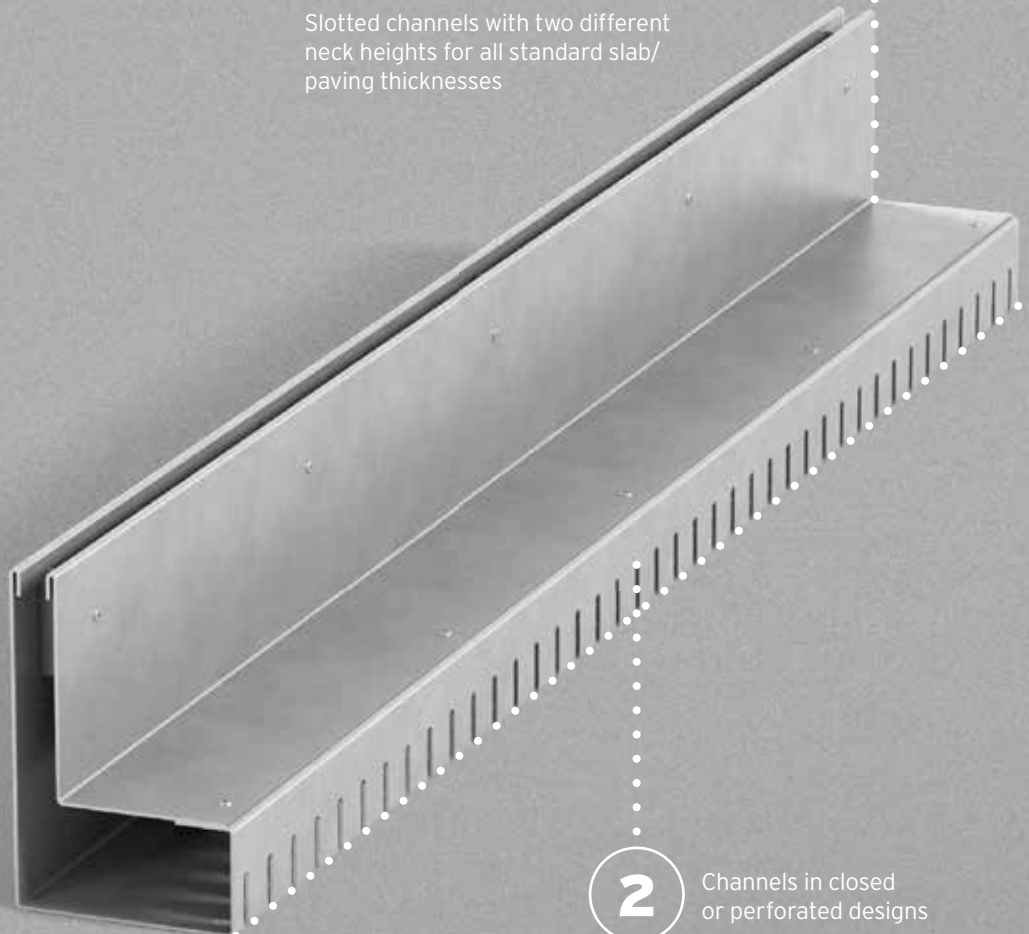
Slotted channels with two different neck heights for all standard slab/paving thicknesses

2

Channels in closed or perforated designs

3

Flat channel body with two different neck heights

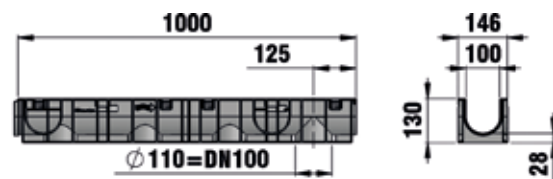
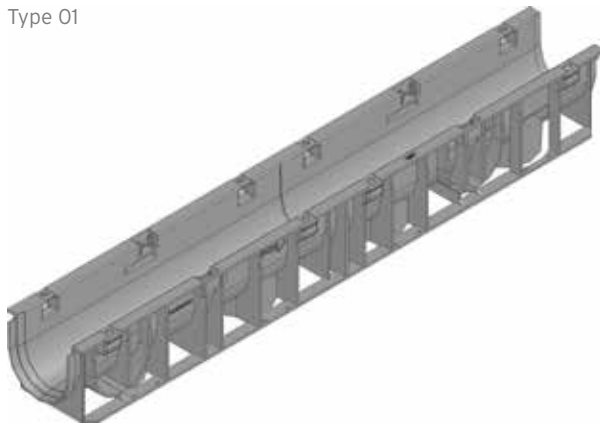


SLOTTED CHANNEL 100

Channels

RECYFIX®100

Type 01



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Weight kg	Item No.
Type 01	1000	144	130	92	1,9	48200
Type 0105	500	144	130	92	1,2	48249
Type 010	1000	144	181	142	2,5	40321
Type 60*	1000	144	55	-	0,9	40322
Type 80	1000	144	75	55	1,4	40392

*not suitable for slotted covers class D 400

SLOTTED CHANNEL 100

Gratings

Slotted Covers 100, neck height 100, **class A 15**



Asymmetrical



Symmetrical



Access cover asymmetrical



Access cover symmetrical

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.	Item No. stainless steel
Asymmetrical	1000	160	128	125	4,6	5615	5665
Asymmetrical	500	160	128	125	3,1	5616	5666
Symmetrical	1000	160	128	125	4,6	5715	5765
Symmetrical	500	160	128	125	2,2	5716	5766
Access cover asymmetrical	500	160	128	-	7,0	5640	5690
Access cover symmetrical	500	160	128	-	7,0	5740	5790
Extraction bail for access covers (2 pieces required)	-	400	150	-	0,8	740	-

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

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SLOTTED
CHANNELS

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TOP X

SLOTTED CHANNEL 100

Gratings

Slotted Covers 100, neck height 160, class C 250



Asymmetrical



Symmetrical



Access cover asymmetrical

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.	Item No. stainless steel
Asymmetrical	1000	160	188	125	8,2	5725	5775
Asymmetrical	500	160	188	125	4,1	5726	5776
Symmetrical	1000	160	188	125	8,2	5721	5771
Symmetrical	500	160	188	125	4,1	5722	5772
Access cover asymmetrical	500	160	188	-	7,1	5756	5786
Access cover symmetrical	500	160	188	-	8,0	5746	5796
Extraction bail for access covers [2 pieces required]	-	400	150	-	0,8	740	-

Bigger nominal sizes and individual neck heights as tailor-made production possible for more than 30 m.
The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

Slotted Covers 100, neck height 200, class D 400*



Asymmetrical



Symmetrical



Access cover asymmetrical

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.	Item No. stainless steel
Asymmetrical	1000	160	204	180	18,2	5825	5875
Asymmetrical	500	160	204	180	9,2	5826	5876
Symmetrical	1000	160	204	180	17,5	5821	5871
Symmetrical	500	160	204	180	8,8	5822	5872
Access cover asymmetrical	500	160	204	-	18,1	5856	5886
Access cover symmetrical	500	160	204	-	23,4	5846	5896
Extraction bail for access covers [2 pieces required]	-	400	150	-	0,8	740	-

* Not for use across the carriageway of highways or motorways in moving traffic.
Bigger nominal sizes and individual neck heights as tailor-made production possible for more than 30 m.
The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

SLOTTED CHANNEL 100

Accessories

RECYFIX®100 Channels



Foul air trap, vertical,
DN/OD 110



Foul air trap for
RECYFIX trash box 100



End cap, closed for
type 01



End cap closed for
type 010



End cap combined made of PP
with outlet DN/OD 110, type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with mud bucket	500	143	484	4,3	48253
Foul air trap, vertical, DN/OD 110	-	187	181	0,6	40295
Foul air trap for RECYFIX trash box 100	75	78	135	0,1	967
Adaptor for screw socket DN/OD 75 to PVC-U pipe DN/OD 110	-	-	-	0,1	1193
End cap, closed for type 01	-	150	108	-	48081
End cap with outlet DN/OD 110 for type 01	-	148	185	0,1	48091
End cap closed for type 010	-	150	160	-	40282
End cap combined made of PP with outlet DN/OD 110, type 010	-	148	185	0,1	40283
RECYFIX sealing material, 290 ml**	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

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Facade Drainage

SLOTTED
CHANNELS

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FASERFIX®POINT

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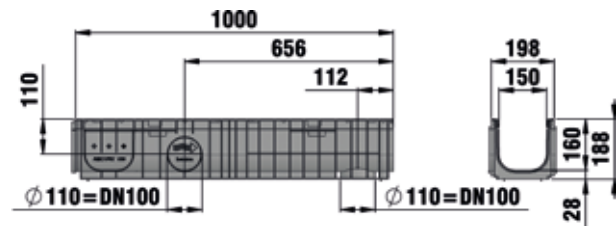
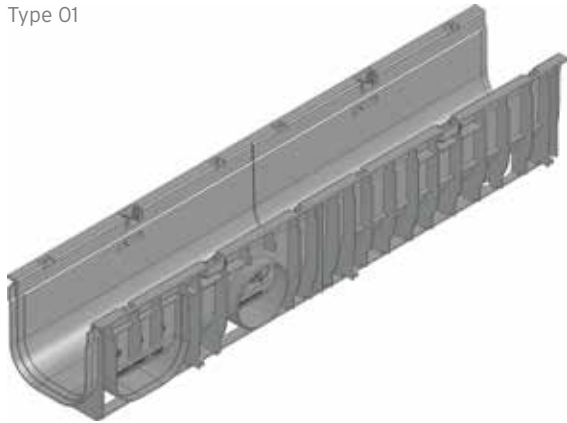
TOP X

SLOTTED CHANNEL 150

Channels

RECYFIX®150

Type 01



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Weight kg	Item No.
Type 01	1000	198	188	225	2,7	41021
Type 0105	500	198	188	225	1,4	41022
Type 100	1000	198	95	-	1,8	41031

SLOTTED CHANNEL 150

Accessories

RECYFIX®150 Channels



Foul air trap, vertical,
DN/OD 110



End cap combined made of PP
with outlet DN/OD 75/110,
type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with mud bucket and end cap	500	198	496	15,1	41062
Foul air trap, vertical, DN/OD 110	-	187	181	0,6	40295
End cap combined made of PP with outlet DN/OD 75/110, type 01	-	210	203	0,1	40191
RECYFIX sealing material, 290 ml**	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

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Facade Drainage

SLOTTED
CHANNELS

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FASERFIX®POINT

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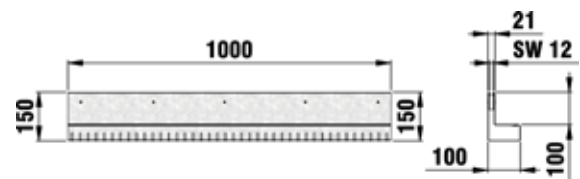
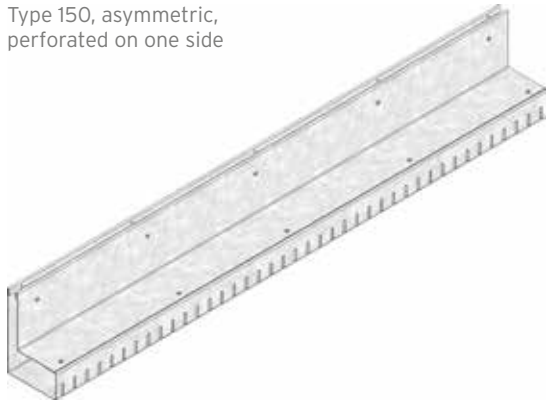
TOP X

SLOTTED CHANNEL FLAT 100

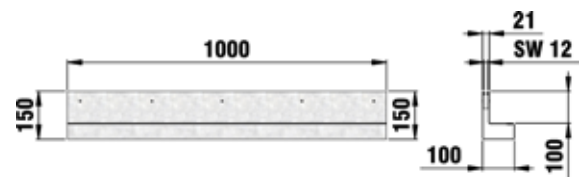
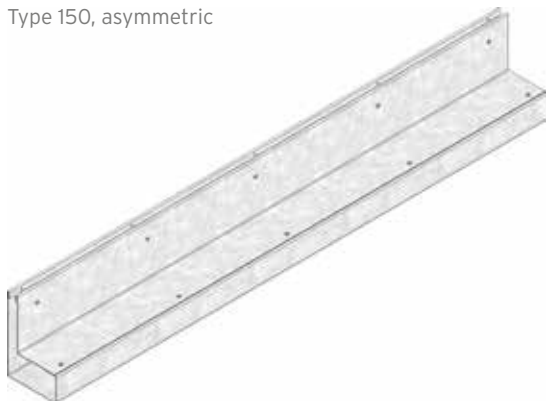
Monolithic SLOTTED CHANNELS

Construction height 150 mm, neck height 100 mm, **class A 15**

Type 150, asymmetric,
perforated on one side



Type 150, asymmetric



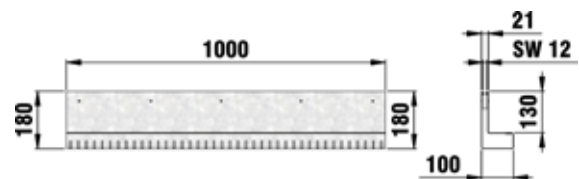
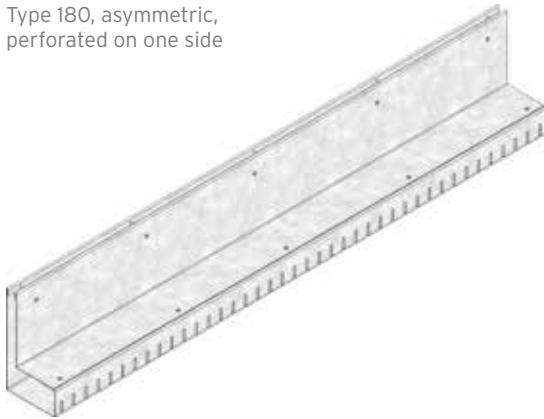
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.	Item No. stainless steel
Type 150, asymmetric, perforated on one side	1000	100	150	49,17	120	-	32195	32196
Type 150, asymmetric	1000	100	150	49,17	120	-	32197	32198

The quality of stainless steel material corresponds to CNS 1.4301.

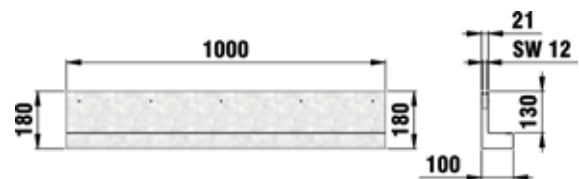
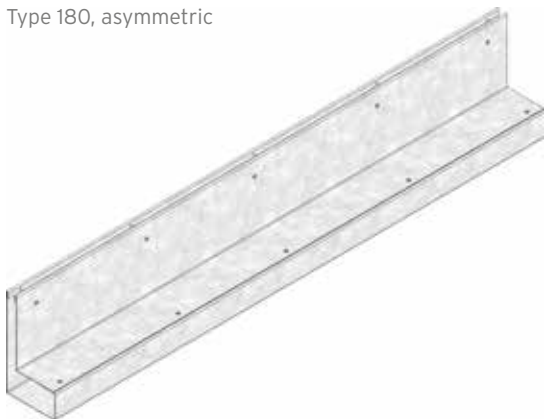
SLOTTED CHANNEL FLAT 100

Construction height 180 mm, neck height 130 mm, **class A 15**

Type 180, asymmetric,
perforated on one side



Type 180, asymmetric



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.	Item No. stainless steel
Type 180, asymmetric, perforated on one side	1000	100	180	58,24	120	-	32199	32200
Type 180, asymmetric	1000	100	180	58,24	120	-	32201	32202

The quality of stainless steel material corresponds to CNS 1.4301.

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SLOTTED
CHANNELS

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TOP X

SLOTTED CHANNEL FLAT 100

Accessories

Inspection box



Access box with removeable paveable cover, type 150, neck height 100 mm, asymmetric

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item No. stainless steel
Access box with removeable paveable cover, type 150, neck height 100 mm, asymmetric	253	270	150	-	32163	32164
Access box with removeable paveable cover, type 180, neck height 130 mm, asymmetric	253	270	150	-	32165	32166

The quality of stainless steel material corresponds to CNS 1.4301.

End caps

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item No. stainless steel
End cap type 150, upper and lower part, closed	-	-	-	-	32147	32149
End cap type 150, upper and lower part, closed	-	-	-	-	32148	32150

The quality of stainless steel material corresponds to CNS 1.4301.

SLOTTED CHANNEL FLAT 100

Connector



Connector for type 150,
type 180

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item No. stainless steel
Connector for type 150, type 180	-	-	-	0,2	32219	32220
Connector for type 180	-	-	-	0,3	32180	32181

The quality of stainless steel material corresponds to CNS 1.4301.

Further accessories



Corner element inside
corner, type 150, neck
height 100 mm,
asymmetric



Corner element inside
corner, type 180, neck
height 130 mm,
asymmetric



Corner element outside
corner, type 150, neck
height 100 mm,
asymmetric



Corner element outside
corner, type 180, neck
height 130 mm,
asymmetric



Sludge trap inlay, square
perforation for type 150,
type 180

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item No. stainless steel
Corner element inside corner, type 150, neck height 100 mm, asymmetric	250	100	150	-	32203	32204
Corner element inside corner, type 180, neck height 130 mm, asymmetric	250	100	180	-	32205	32206
Corner element outside corner, type 150, neck height 100 mm, asymmetric	250	100	150	-	32207	32208
Corner element outside corner, type 180, neck height 130 mm, asymmetric	250	100	180	-	32209	32210
Schmutzfangeinlage Quadratlochung für Typ 150, Typ 180	1000	-	-	-	32227	32228

The quality of stainless steel material corresponds to CNS 1.4301.

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