

Slotted Channels

Slotted channels for design-sensitive applications





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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



O2 Arena in Berlin, Germany



Town centre Vieux Boucau in France



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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Slotted Channel

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The benefits of **Slotted Channels**



Individual Solutions

- slotted covers made of: galvanised or stainless steel
- symmetrical and asymmetrical versions
- individual slotted covers with modified neck height, crossbars in the slot and more designs possible
- easy preparation of corner connections possible

= flexibility

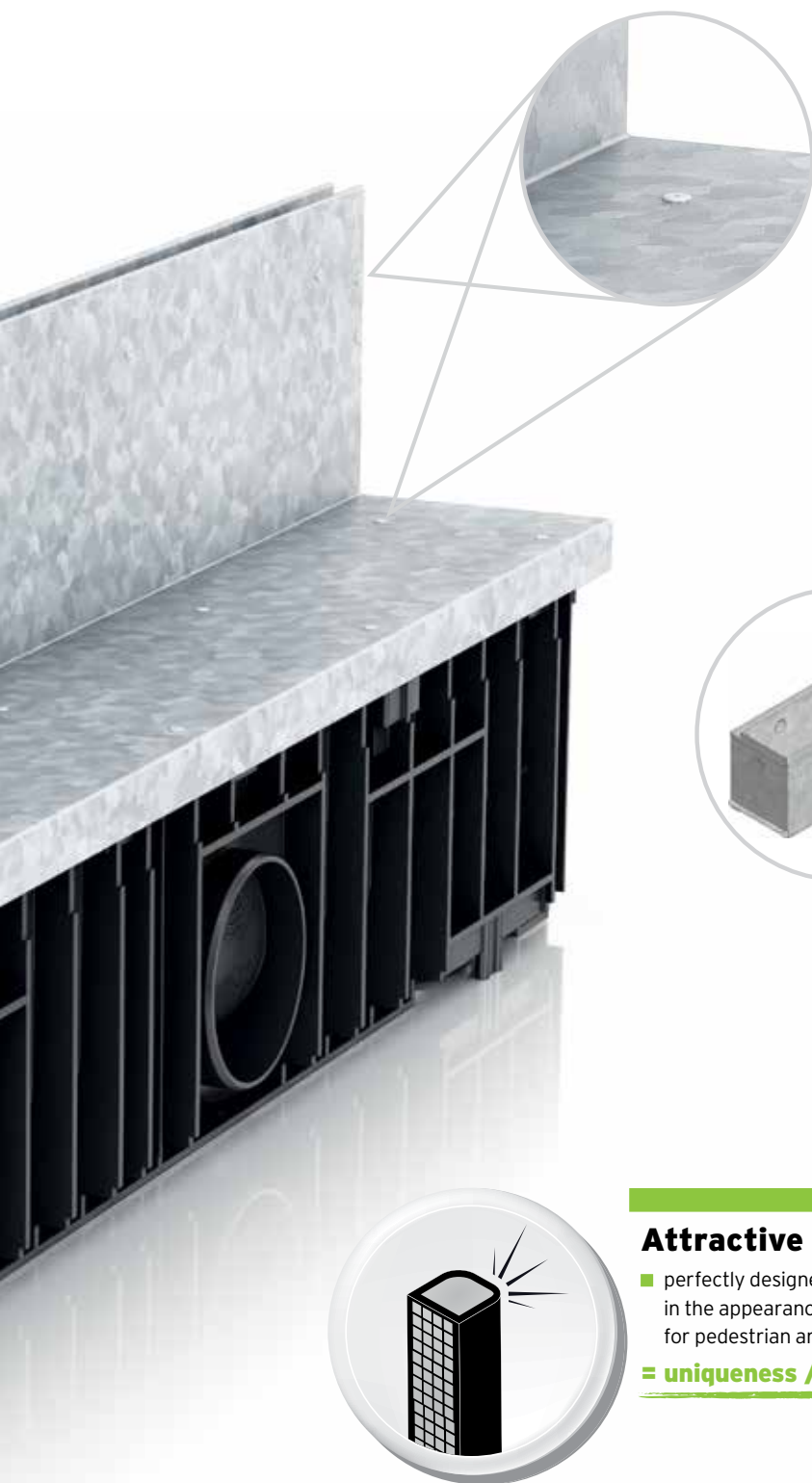


Easy installation

- easy handling and installation
- integrated groove and tongue connection of channels and covers - allows an easy installation without long adjustment

= cost reduction





Technical features of the covers

- slotted covers are rivetted, that means no rusting of welded joints
- strengthened slot edge
- reinforcements under the cover and material thickness provide perfect balance between weight and stability

= quality / security



Connection possibilities

- access covers fit on channels and trash boxes
- connection to sewage pipes are possible from trash box and channels (from the side or bottom)

= flexibility

Attractive product

- perfectly designed drainage line blends harmoniously in the appearance of the object - slot width 12.5 mm for pedestrian areas.

= uniqueness / exclusiveness / originality

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Slotted Channels

Slotted channels for design-sensitive applications

Reliable drainage with HAURATON slotted channels for a harmonious finish design in public squares

FASERFIX® Slotted Channel

Neumarkt and Frauenkirche in Dresden:
historic locations with modern drainage.

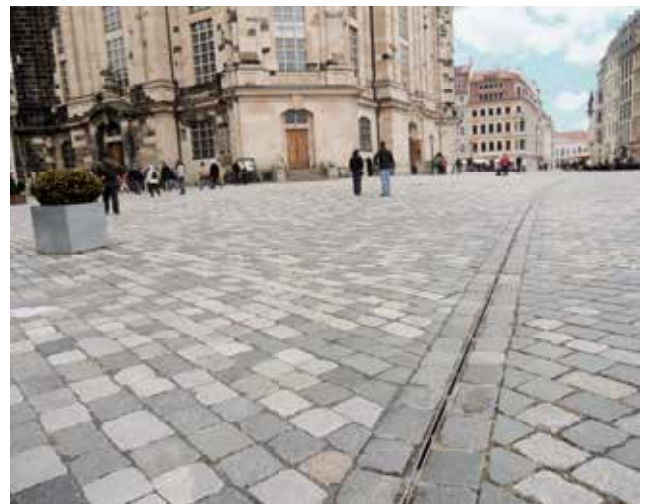
Neumarkt is a central square in Dresden's old city. The square is surrounded by numerous historic buildings; the most famous one is the Frauenkirche, which was completed in 1743 and reconstructed in 2005. Amongst these historic buildings, FASERFIX slotted channels provide reliable surface drainage. The most important requirement stipulated by the town planners regarding the selection of the channel system was that reliable drainage of surface water was installed while maintaining the historic setting and creating a cohesive urban design. Slotted channels are the perfect answer to this requirement.

Design features of these channels:

- FASERFIX STANDARD 150 lower section: rugged and safe
- slotted cover
 - class D 400: perfectly suited for the traffic on the Neumarkt square
 - material: stainless steel for maximum corrosion resistance and durability
 - Neck dimension: 150 mm for secure installation in the cobblestone paving
- symmetrical and asymmetrical models for installation in squares, along façades and kerb stones
- access to the channels via access covers with visually unobtrusive inspection tops



Neumarkt in Dresden, Germany



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Slotted Channels

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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**

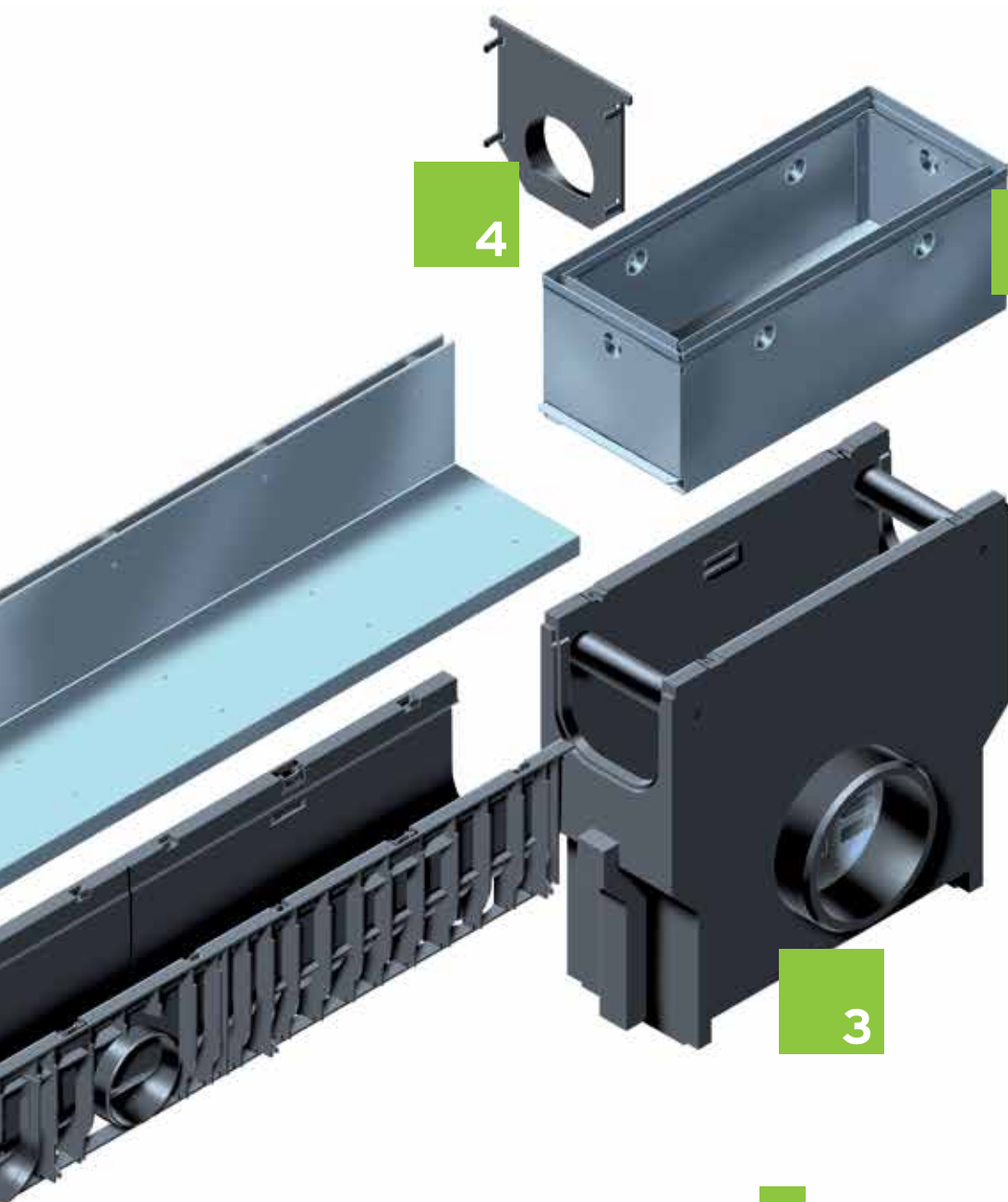
Sidewalk channel areas and untraveled side panels or similar

**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.

In case of doubts, the higher category should be used.





1

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

2

■ Symmetrical or asymmetrical covers made of galvanised or stainless steel

3

■ Trash box with pipe connection possibility, with fitting access cover

4

■ End caps with or without outlets

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Your way to the tender text on **hauraton.com**

1

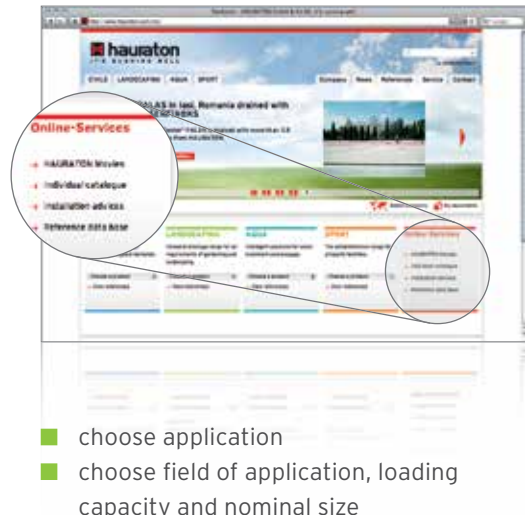
a) Product known

- Go to the product page.



b) Product unknown

- Go to the specification tool.



- choose application
- choose field of application, loading capacity and nominal size
- select from the proposed systems / items

2

Choose required format and add it to your documents



3

Download tender text

- Go to „My documents“.



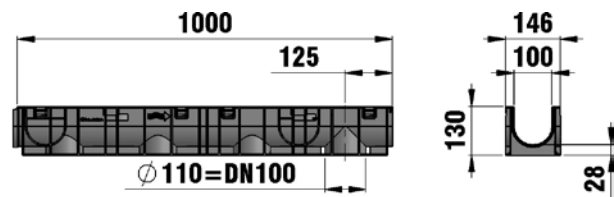
LINEFIX®	RECYFIX® GREEN	RECYFIX®POINT FASERFIX®POINT	FASERFIX® STANDARD	Slotted Channel	DACHFIX®	RECYFIX® STANDARD	RECYFIX® PLUS	RECYFIX® PRO
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Slotted Channel 100

Channels

RECYFIX®STANDARD 100

type 01

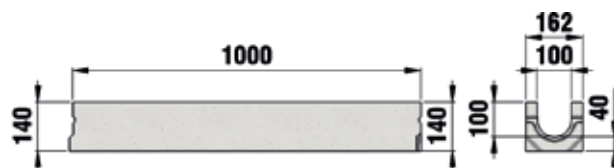


	Length mm	Width mm	Height mm	Weight kg	Item No.
Type 01	1000	146	130	1,9	48200
Type 010	1000	146	181	2,5	40321

Other heights on request.

FASERFIX®STANDARD E 100

Type 01



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Weight kg	Item No.
Type 01	1000	160	140	89	32,0	6200
Type 010	1000	160	194	143	38,4	6242
Type 0105	500	160	140	89	15,0	6249

For further channels also with built-in fall see FASERFIX STANDARD E 100.

Slotted Channel 100

Gratings

Slotted Covers 100, neck height 100, class A 15



Symmetric

Asymmetric

Access cover asymmetric

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

Slotted Covers 100, neck height 160, class C 250



Symmetric

Asymmetric

Access cover symmetric

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No. galvanised	Item No. stainless steel
Symmetric	1000	160	188	125	8,2	5721	5771
Symmetric	500	160	188	125	4,1	5722	5772
Asymmetric	1000	160	188	125	8,2	5725	5775
Asymmetric	500	160	188	125	4,1	5726	5776
Access cover symmetric	500	160	188	-	8,0	5746	5796
Access cover asymmetric	500	160	188	-	7,1	5756	5786
Extraction bail for access covers (2 pieces required)	-	-	-	0,8	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.

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Slotted Channel 100

Gratings

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



Symmetric



Asymmetric



Access cover asymmetric

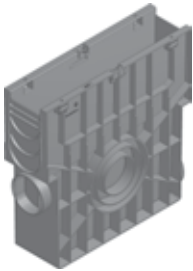
	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No. galvanised	Item No. stainless steel
Symmetric	1000	160	204	180	17,5	5821	5871
Symmetric	500	160	204	180	8,8	5822	5872
Asymmetric	1000	160	204	180	18,2	5825	5875
Asymmetric	500	160	204	180	9,2	5826	5876
Access cover symmetric	500	160	204	-	23,4	5846	5896
Access cover asymmetric	500	160	204	-	18,1	5856	5886
Extraction bail for access covers (2 pieces required)	-	-	-	0,8	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.

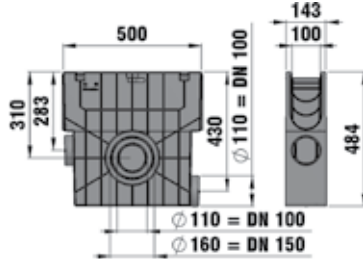
Slotted Channel 100

Accessories

RECYFIX®STANDARD 100 Channels



Trash box with mud bucket



Foul air trap, vertical,
DN 100



Foul air trap for RECYFIX
trash box 100



End cap, closed for type 01



End cap combined made
of PE-PP with outlet DN 70,
type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with mud bucket	500	143	484	3,8	48253
Foul air trap, vertical, DN 100	-	-	-	0,6	40295
Foul air trap DN 100, outside	-	-	-	0,4	961
Foul air trap for RECYFIX trash box 100	-	-	-	0,1	967
End cap, closed for type 01	-	-	-	0,1	48081
End cap with outlet for type 01	-	-	-	0,1	48091
End cap combined made of PE-PP with outlet DN 70, type 010	-	149	185	0,1	40283
End cap closed, made of PE-PP, for Type 80	-	147	65	0,1	40291
Holesaw, Ø 102 mm, with tool holder for a driller	-	-	-	0,6	980

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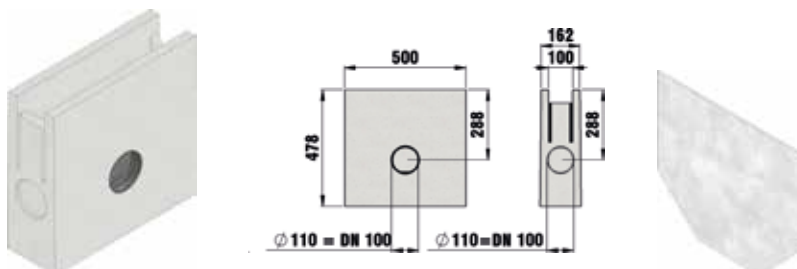
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Slotted Channel 100

Accessories

FASERFIX®STANDARD E 100 Channels



Trash box with plastic bucket

End cap closed, galvanised, Type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket	500	160	480	41,4	6253
Trash box with galvanised bucket	500	160	480	42,4	6255
Foul air trap DN 100, outside	-	-	-	0,4	961
Foul air trap, DN 100, inside use	-	-	-	0,3	962
Foul air trap DN 100 with hole	-	-	-	0,2	964
End cap closed, galvanised, Type 01	-	160	140	0,3	6290
End cap closed, galvanised, Type 010	-	160	194	0,4	6291
End cap with horizontal PVC-outlet DN 100, galvanised, Type 010	-	160	194	0,5	6297

Service Slotted Channel 100



Inserting of PVC union connectors DN 100 *

	Length mm	Width mm	Height mm	Weight kg	Item No.
Drilling of connecting holes DN 100	-	-	-	0,1	972
Inserting of PVC union connectors DN 100 *	-	-	-	0,1	982

* Additionally SML- or PE-HD outlets can be inserted on request.

Slotted Channel 100

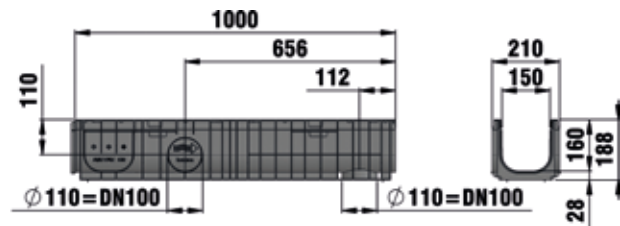
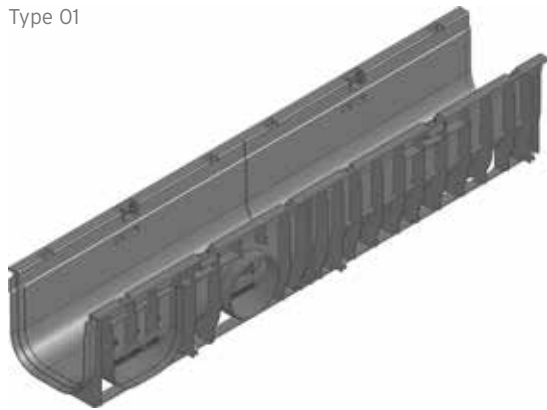
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Slotted Channel 150

Channels

RECYFIX®STANDARD 150

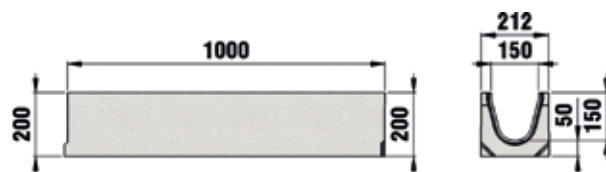
Type 01



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Weight kg	Item No.
Type 01	1000	210	188	225	2,7	41021
Type 0105, blank	500	210	188	225	1,4	41022

FASERFIX®STANDARD 150 for Slotted Channels

Type 01



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Weight kg	Item No.
Type 01	1000	210	200	185	52,9	400
Type 010	1000	210	265	269	62,1	403
Type 0105	500	210	200	185	26,5	401

Slotted Channel 150

Gratings

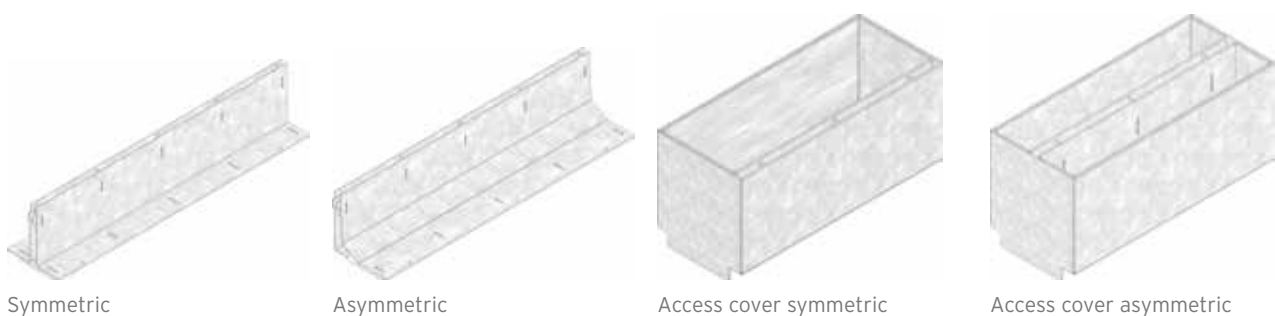
Slotted Covers 150, neck height 160, class C 250



	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No. galvanised	Item No. stainless steel
Symmetric	1000	210	188	125	9,1	412	422
Symmetric	500	210	188	125	4,6	413	423
Asymmetric	1000	210	188	125	8,9	452	462
Asymmetric	500	210	188	125	4,7	453	463
Access cover symmetric	500	210	188	-	8,9	471	481
Access cover asymmetric	500	210	188	-	7,9	476	486
Extraction bail for access covers (2 pieces required)	-	-	-	0,8	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.

Slotted Covers 150, neck height 200, class D 400*



	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No. galvanised	Item No. stainless steel
Symmetric	1000	210	204	180	19,2	417	427
Symmetric	500	210	204	180	9,7	418	428
Asymmetric	1000	210	204	180	20,0	457	467
Asymmetric	500	210	204	180	10,1	458	468
Access cover symmetric	500	210	204	-	25,7	490	495
Access cover asymmetric	500	210	204	-	20,4	491	496
Extraction bail for access covers (2 pieces required)	-	-	-	0,8	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.

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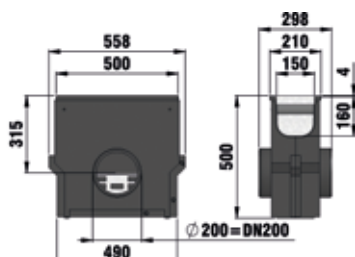
Slotted Channel 150

Accessories

RECYFIX®STANDARD 150 Channels



Trash box with galvanised mud bucket



Foul air trap, vertical, DN 100



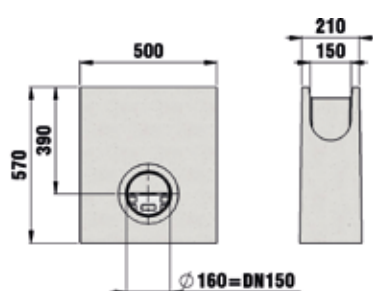
End cap combined made of PE-PP with outlet DN 70/100, Type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised mud bucket	500	210	500	14,9	40152
Foul air trap, vertical, DN 100	-	-	-	0,6	40295
End cap combined made of PE-PP with outlet DN 70/100, Type 01	29	210	203	0,1	40191
Holesaw, Ø 102 mm, with tool holder for a driller	-	-	-	0,6	980

FASERFIX®STANDARD 150 Channels



Trash box with galvanised mud bucket



	Length mm	Width mm	Height mm	Weight kg	Item No. galvanised	Item No. stainless steel
Trash box with galvanised mud bucket	500	210	570	64,6	416	-
Foul air trap DN 150	-	-	-	2,0	960	-
End cap closed, type 01	-	210	220	0,7	11081	11581
End cap closed, type 010	-	210	265	0,8	11082	11582

Slotted Channel 150

Service for **Slotted Channels 150**



Inserting of PVC union
connectors DN 150*

	Length mm	Width mm	Height mm	Weight kg	Item No.
Drilling of connecting holes DN 150	-	-	-	0,1	973
Inserting of PVC union connectors DN 150*	-	-	-	0,1	983

* Additionally SML- or PE-HD outlets can be inserted on request.

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