



RECYFIX[®]NC

Extremely stable and lightweight -
channels made for many industrial
applications - to load class E600kN



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	Further accessories- sealing materials etc	N/A	

RECYFIX®NC

Extremely stable and lightweight - channels made of robust reinforced PP.

1 Requirement

Modern drainage systems must

- withstand high loads and dynamic forces.
- be easy to install.
- be resistant to environmental influences (frost, heat, humidity).
- comply with EN 1433.

2 Application areas

- traffic areas for industry
- loading and unloading zones
- highly trafficked car parks
- public areas
- petrol stations

3 Solutions

RECYFIX NC channels:

- manufactured from reinforced PP
- load capacity up to E 600 according to EN 1433
- maximum security with 8 bolt fixing per metre
- very lightweight, quick and cost saving installation.

A selection of Hydraulic Performance tables for the most popular sizes of FASERFIX® and RECYFIX® channels including the RECYFIX® MONOTEC and RECYFIX® HICAP® ranges are available on request in an 8 page hard copy or PDF publication.

Hauraton channel drainage configurations are designed and sized using in-house **Hydraulic design software**. The accuracy of the software has been verified by physical testing of Hauraton systems within a hydraulic discharge test flume, replicating and evaluating hundreds of flow scenarios.

Hydraulic design software is also available free of charge to industry professionals. Intuitive and user friendly, **Hauraton Design Software** allows engineers to create drainage schemes for the company's range of civil engineering systems on tablets, desktop computers or through the internet (web-based application).

For smaller projects where a quick indication of the appropriate channel size and system is required for a given catchment area, Hauraton can provide their **Hydraulic Design App**.

For further details contact the Hauraton Technical Support Team



Features and benefits of **RECYFIX®NC** channels



high stability

- stable, durable ductile iron grating
- RECYFIX® NC 100, 200, 300: load class E 600
- RECYFIX® NC 400: load class D 400
- 8 bolts per metre fixing

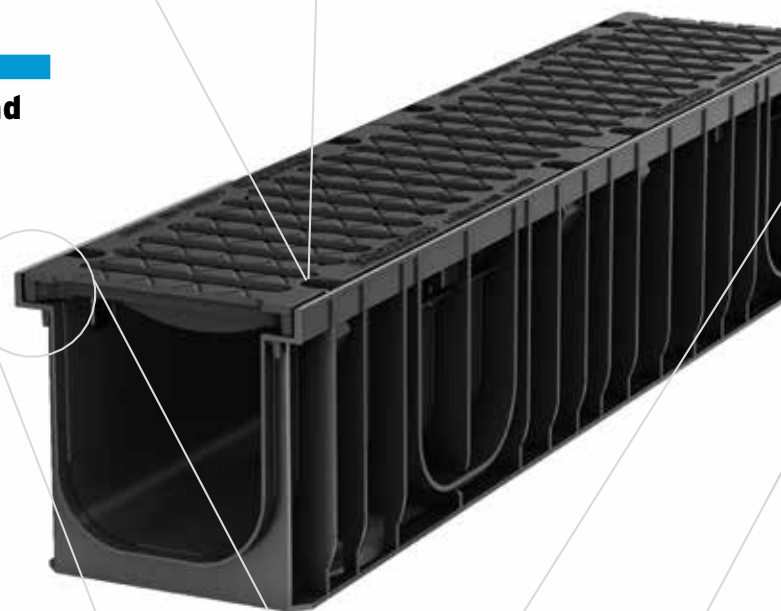
= safety & durability



standards and approvals

- certified to EN 1433
- CE-marking

= safety



low weight ensures easy handling on site

- much easier handling on site compared to channels made of polymer concrete
- simple installation
- maximum stability with minimum weight

= cost saving



integrated angle housing

- angle housing acc. EN 1433
- angle housing is moulded as an integral part of the channel body (made of PP)
- ridges to stop any lateral movement

= safety

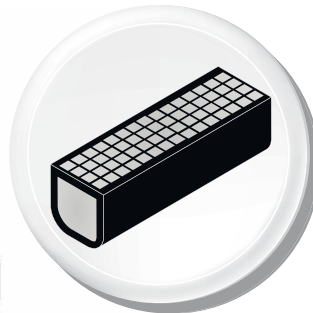




continuous innovation

- 20 years of experience
- unique material: 100 % recycled material

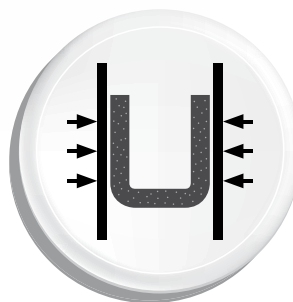
= safety



prefabricated ready to install

- channel and grating = one part
- no single parts
- easy handling in stock and on site
- cost-effective transportation

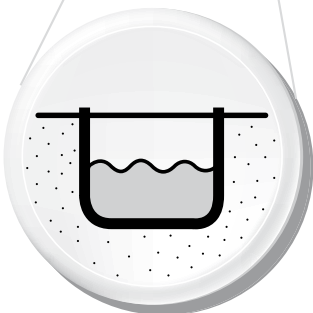
= more earnings



high-grade material

- RECYFIX - robust flexible and particularly resistant material
- withstands high traffic loads and temperature differences in daily use

= safety & durability



high hydraulic capacity

- drainage cross-section NC400= 1640 cm²
- more area per channel meter can be drained

= safety

Where channel gratings will not be trafficked a KTL electrostatic coating can be specified to prevent oxidation.

RECYFIX® NC

Extremely stable and lightweight - channels made of reinforced PP.

RECYFIX NC channels meet the requirements of DIN EN 1433 and are suitable for the following load categories:

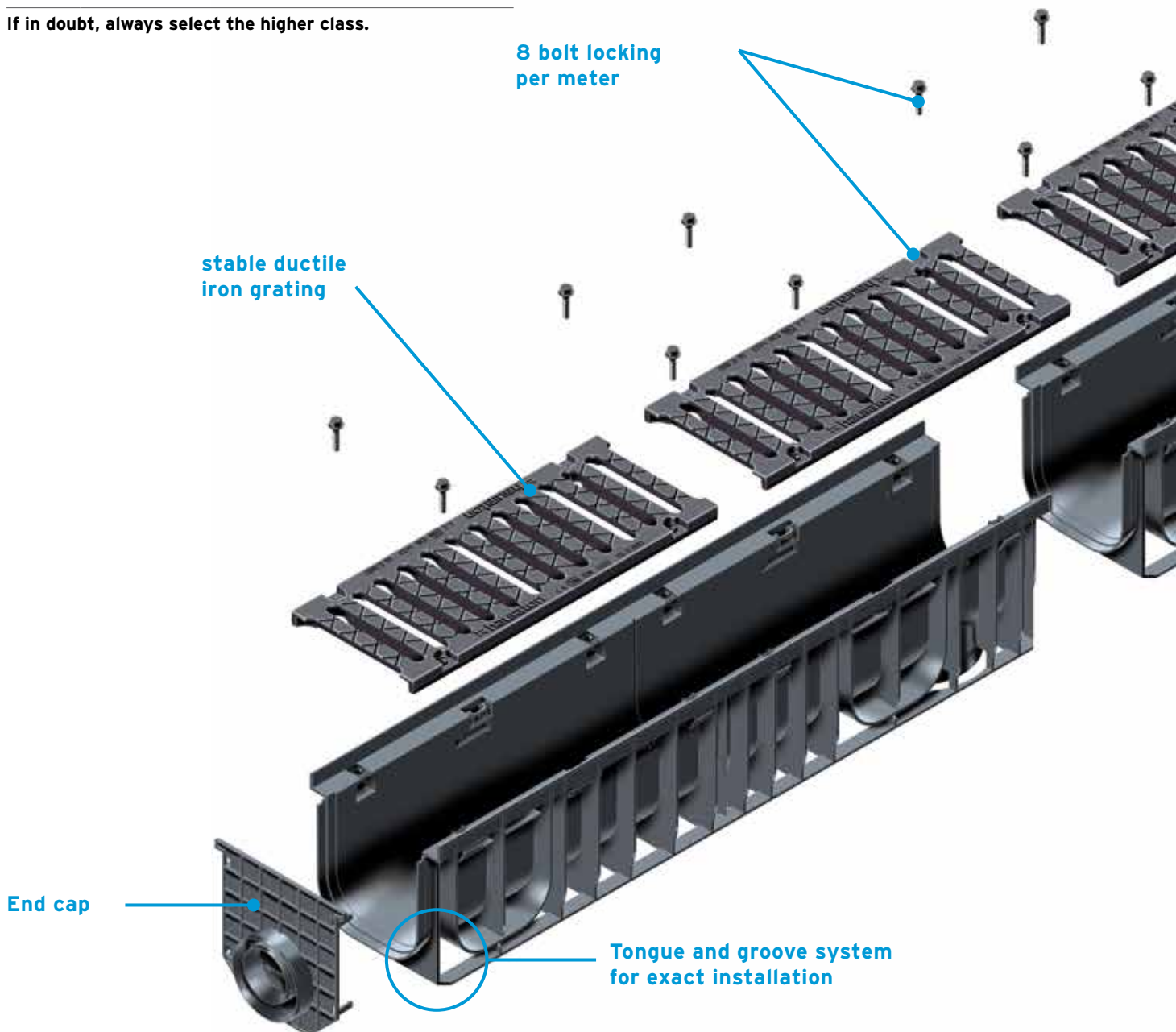


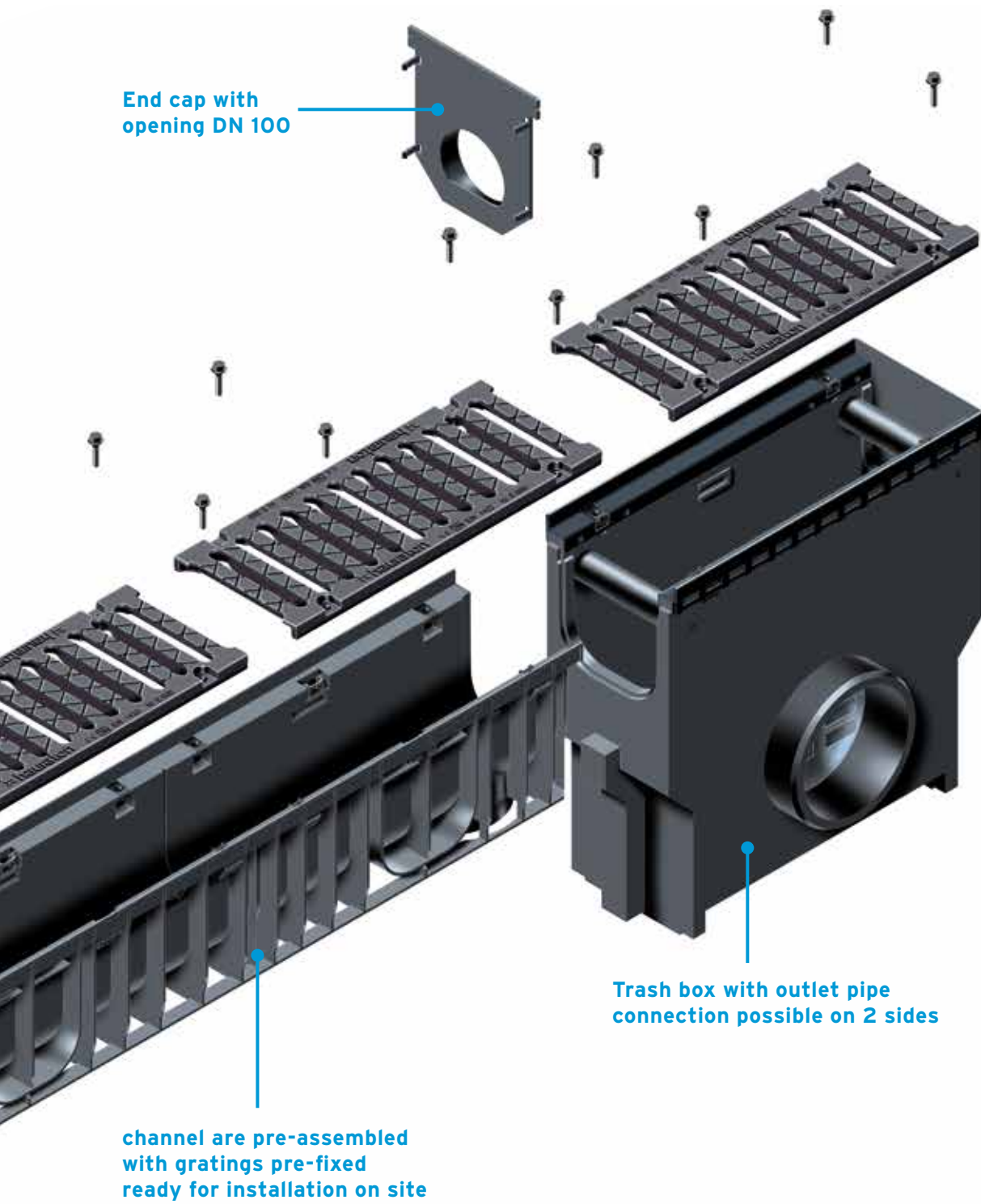
Category D 400,
Load class 400 kN



Category E 600,
Load class 600 kN

If in doubt, always select the higher class.



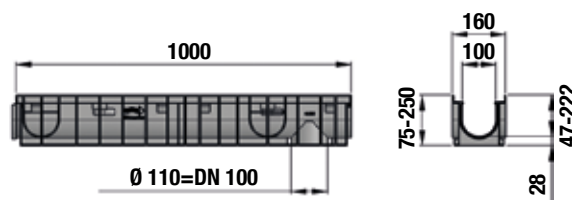
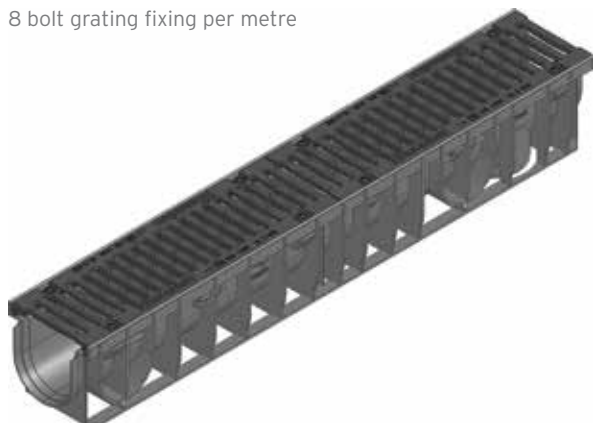


RECYFIX®NC 100

Combi article

RECYFIX®NC 100, class D 400

8 bolt grating fixing per metre



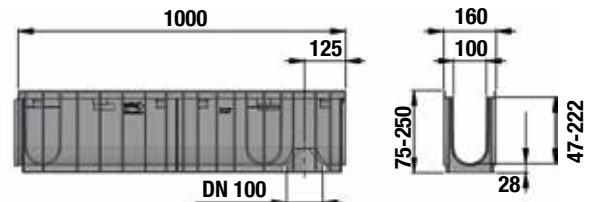
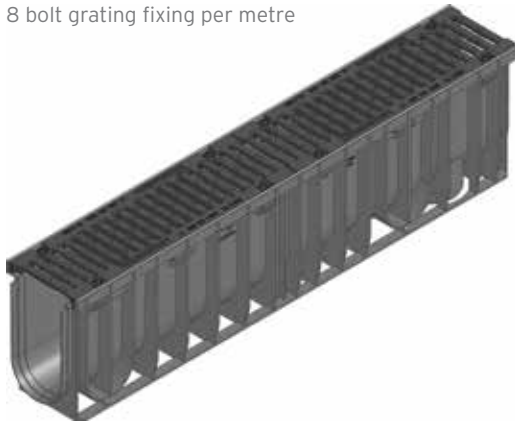
	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 10 mm, 8 bolt fixing	1000	160	150	122	92	427	10,7	48771
Type 0105 with ductile iron grating, black, SW 10 mm, 4 bolt fixing	500	160	150	122	92	427	5,4	48746
Type 010 with ductile iron grating, black, SW 10 mm, 8 bolt fixing	1000	160	200	172	142	427	11,6	48773
Type 01005 with ductile iron grating, black, SW 10 mm, 4 bolt fixing	500	160	200	172	142	427	5,8	48745
Type 020 with ductile iron grating, SW 10, black, 8 bolt fixing	1000	160	250	222	192	427	12,4	48777
Type 02005 with ductile iron grating, SW 10, black, 4 bolt fixing	500	160	250	222	192	427	6,2	48779
Type 75 with ductile iron grating, SW 10, black, 8 bolt fixing	1000	160	75	55	35	427	10,3	48775



RECYFIX®NC 100

RECYFIX®NC 100, class E 600

8 bolt grating fixing per metre



	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 10 mm, 8 bolt fixing	1000	160	150	122	92	427	10,7	48770
Type 0105 with ductile iron grating, black, SW 10 mm, 4 bolt fixing	500	160	150	122	92	427	5,4	48748
Type 010 with ductile iron grating, black, SW 10 mm, 8 bolt fixing	1000	160	200	172	142	427	11,6	48772
Type 01005 with ductile iron grating, black, SW 10 mm, 4 bolt fixing	500	160	200	172	142	427	5,8	48747
Type 020 with ductile iron grating, SW 10, black, 8 bolt fixing	1000	160	250	222	192	427	12,5	48776
Type 02005 with ductile iron grating, SW 10, black, 4 bolt fixing	500	160	250	222	192	427	6,2	48778
Type 75 with ductile iron grating, black, SW 10 mm, 8 bolt fixing	1000	160	75	55	35	427	10,2	48774

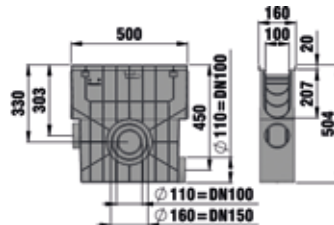


Industrial yard

RECYFIX® NC 100

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4 bolt fixing

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class D 400, 4-fold fixing	500	160	504	8,3	48754
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4-fold fixing	500	160	504	8,3	48753

End caps



End cap closed



End cap with outlet DN 100

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed for type 01	-	160	124	-	48681
End cap with outlet DN 100 for type 01	-	160	200	0,1	48691
End cap closed for type 010	-	160	176	0,1	47082
End cap with outlet DN 100 for type 010	-	160	201	0,1	47093
End cap, closed for type 020	-	160	-	0,1	48683
End cap with outlet DN 100, type 020	-	160	-	0,1	48695
End cap closed for type 75	-	160	61	-	47097

RECYFIX® NC 100

Further accessories



Step Fall Adapter for step slope, from type 01 to type 010 (for RECYFIX NC and RECYFIX PRO also from type 010 to type 020)

	Length mm	Width mm	Height mm	Weight kg	Item No.
Step Fall Adapter for step slope, from type 01 to type 010 (for RECYFIX NC and RECYFIX PRO also from type 010 to type 020)	174	98	92	0,2	48790
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054



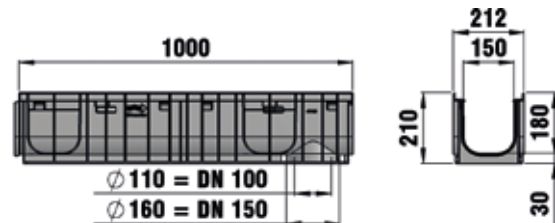
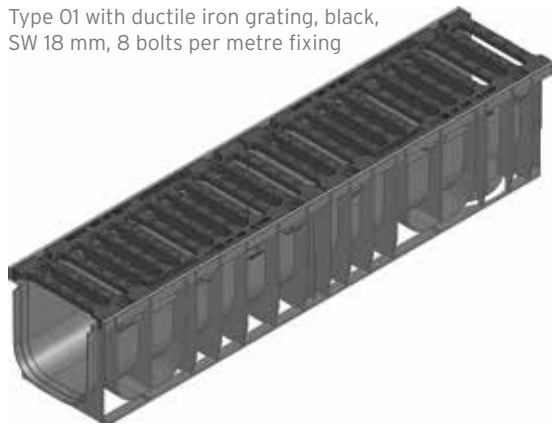
Petrol Filling Station

RECYFIX®NC 150

Combi article

RECYFIX®NC 150, class D 400

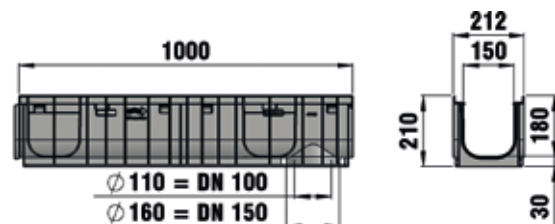
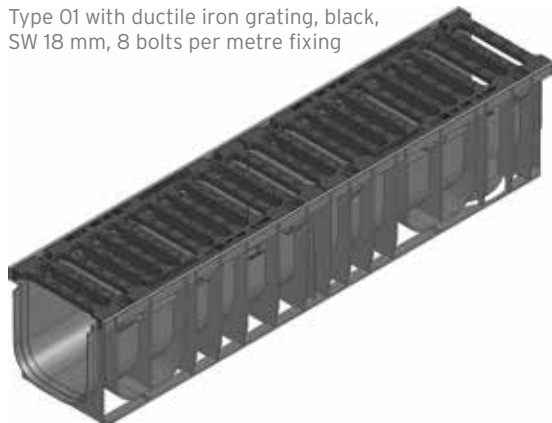
Type 01 with ductile iron grating, black,
SW 18 mm, 8 bolts per metre fixing



	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	212	210	180	230	702	15,7	48871
Type 0105 with ductile iron grating, black, SW 18 mm, 4 bolt fixing	500	212	210	180	230	702	7,9	48847

RECYFIX®NC 150, class E 600

Type 01 with ductile iron grating, black,
SW 18 mm, 8 bolts per metre fixing

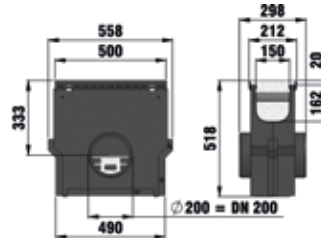


	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	212	210	180	230	702	15,7	48870
Type 0105 with ductile iron grating, black, SW 18 mm, 4 bolt fixing	500	212	210	180	230	702	7,9	48848

RECYFIX® NC 150

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4 bolt fixing

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 400, 4 bolt fixing	500	212	518	22,9	48854
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4 bolt fixing	500	212	518	22,9	48853

End caps



End cap combined, PP with outlet DN 70/100 for type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap combined, PP with outlet DN 70/100 for type 01	-	210	218	0,2	40591

Further accessories

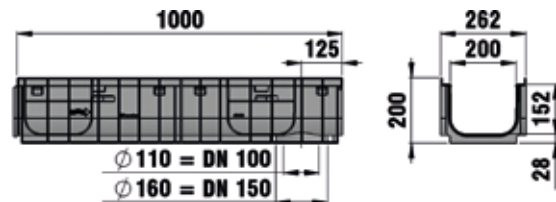
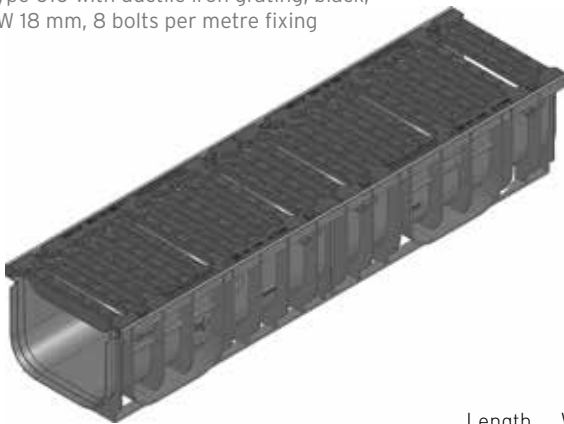
	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054

RECYFIX®NC 200

Combi article

RECYFIX®NC 200, class D 400

Type 010 with ductile iron grating, black,
SW 18 mm, 8 bolts per metre fixing

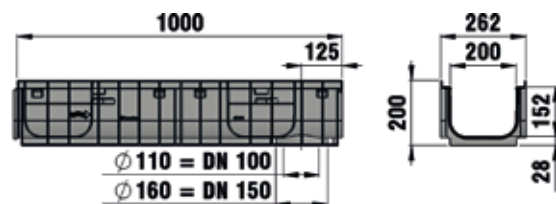
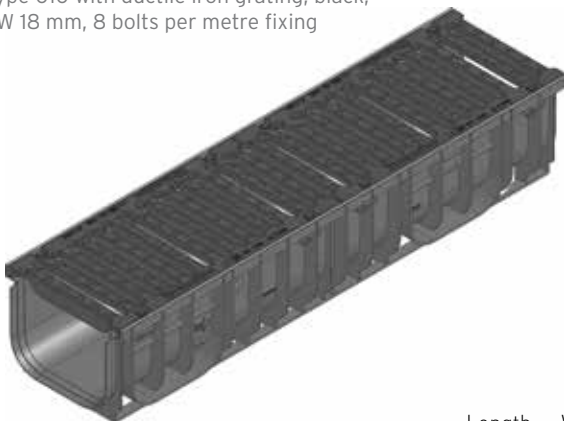


	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	262	200	172	294	936	20,8	49573
Type 01005 with ductile iron grating, black, SW 18 mm, 4 bolt fixing	500	262	200	172	294	936	10,4	49548

Combi article

RECYFIX®NC 200, class E 600

Type 010 with ductile iron grating, black,
SW 18 mm, 8 bolts per metre fixing

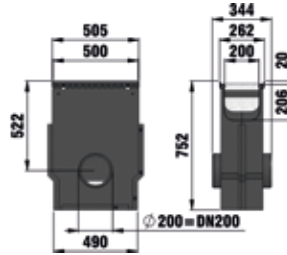


	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	262	200	172	294	936	20,8	49572
Type 01005 with ductile iron grating, black, SW 18 mm, 4 bolt fixing	500	262	200	172	294	936	10,4	49547

RECYFIX® NC 200

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4 bolts fixing

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 400, 4 bolt fixing	500	262	752	35,2	49554
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4 bolt fixing	500	262	752	35,2	49553

End caps



End cap combined made of PP closed / with outlet DN 100, Type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap combined made of PP closed / with outlet DN 100, Type 010	-	258	217	0,2	41387

Further accessories

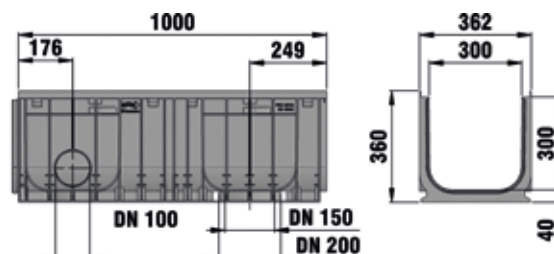
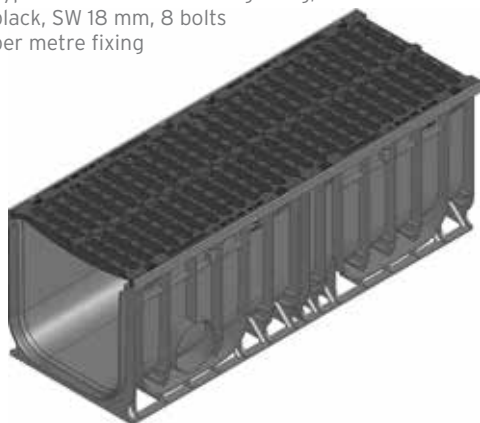
	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054

RECYFIX®NC 300

Combi article

RECYFIX®NC 300, class D 400

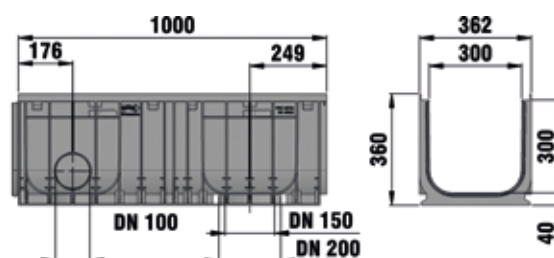
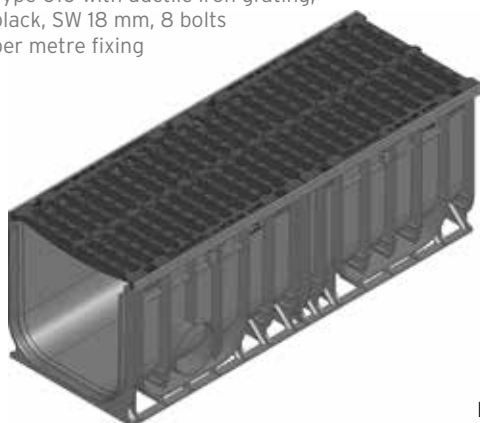
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolts per metre fixing



	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	362	360	320	873	1293	34,7	49873

RECYFIX®NC 300, class E 600

Type 010 with ductile iron grating, black, SW 18 mm, 8 bolts per metre fixing



	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	362	360	320	873	1293	35,0	49872

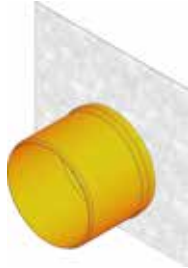
RECYFIX®NC 300

Accessories

End caps



end cap closed, galvanised,
type 010



End cap with horizontal UP-
VC-outlet DN 200, galvanised,
Type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 010	-	360	360	1,9	49783
End cap with horizontal UPVC-outlet DN 200, galvanised, Type 010	-	360	360	2,6	49791

Further accessories

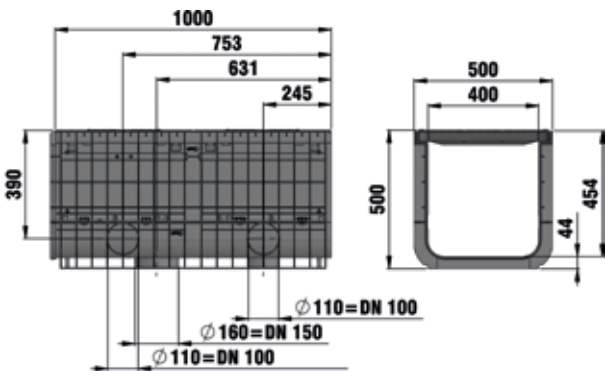
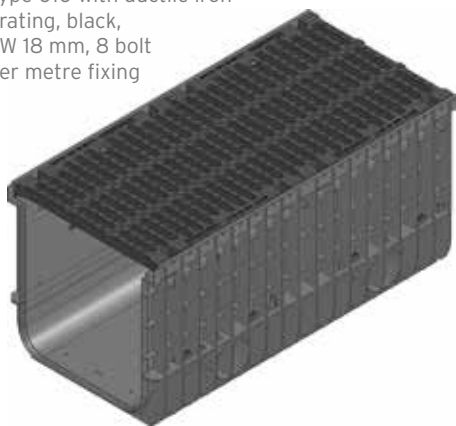
	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054

RECYFIX®NC 400

Combi article

RECYFIX®NC 400, class D 400

Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt per metre fixing



	Length mm	Width mm	Height mm	Invert mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8 bolt fixing	1000	500	500	456	1640	1753	57,2	42421



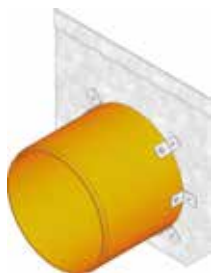
RECYFIX®NC 400

Accessories

End caps



End cap closed, type 010



End cap with horizontal UPVC - outlet DN 300, type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, type 010	-	500	498	3,1	42481
End cap with horizontal UPVC - outlet DN 300, type 010	-	500	498	4,9	42487

Further accessories

	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054



03/2018 |
All drawings, measurements and weights
are non-committal! We reserve the right to
do technical changes for improvement

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