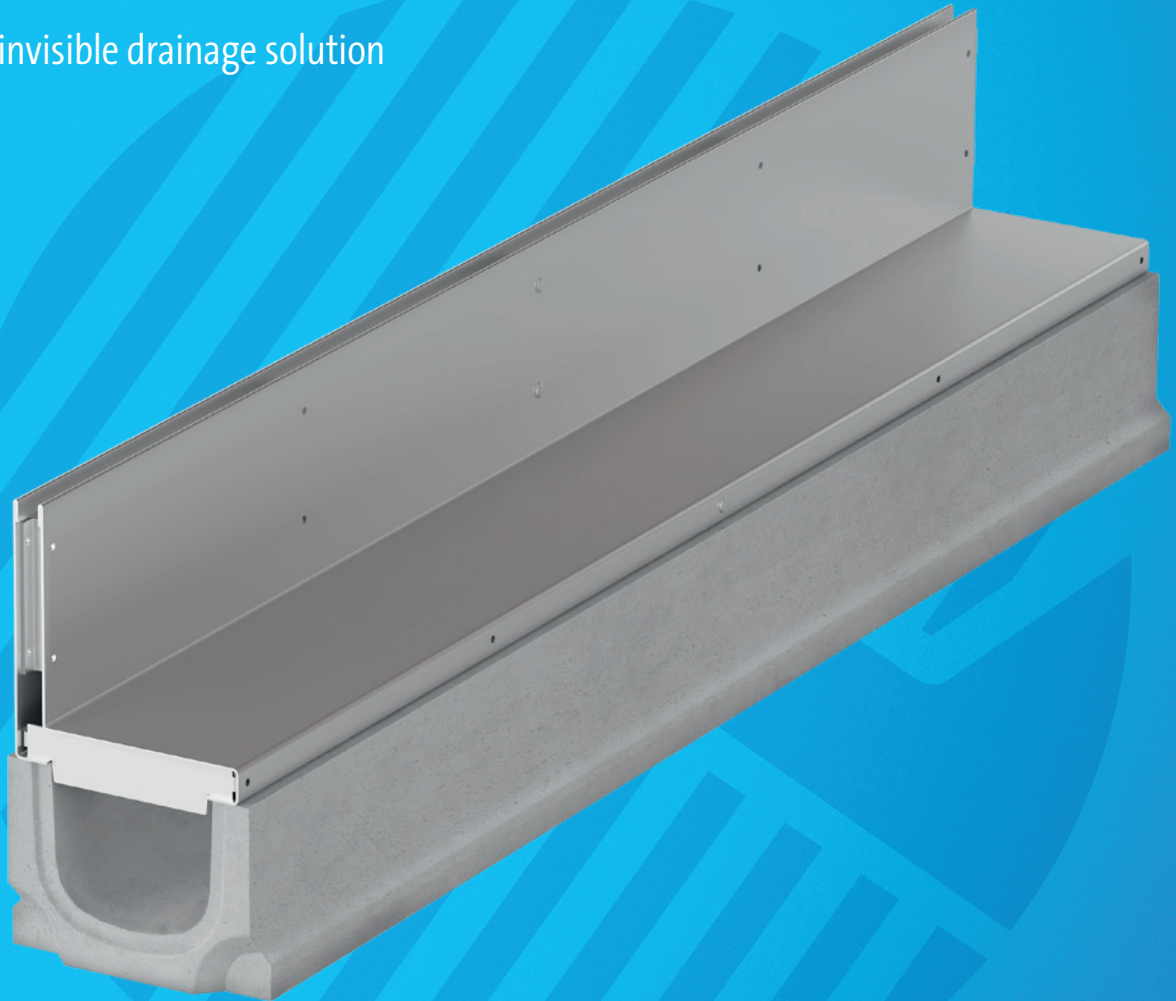


BECAUSE WATER
IS PRECIOUS.



BIRCOslotted steel covers

The invisible drainage solution



The drainage solution that blends seamlessly into the cityscape: Discreet and efficient linear drainage can be realised with BIRCO slotted covers. The filigree attachments blend almost invisibly into their surroundings and offer effective drainage for urban squares and façade areas. They fulfil even the most demanding design requirements and, with a material thickness of 4 mm, offer reliable load-bearing capacity, even in areas exposed to heavy traffic.

HIGHEST QUALITY STANDARDS

100% made in our own production facility

BIRCO is dedicated to developing first-class drainage solutions made from high-quality, robust concrete. This material gives our channels and systems exceptional durability - even under the toughest conditions. The concrete impresses with minimal water absorption, excellent abrasion resistance and resistance to frost and de-icing salt, which makes our products unrivalled in terms of lateral stability.

The high quality of our materials, coupled with the sophisticated design of BIRCO channel systems, guarantees optimum operating conditions on any construction site and promises efficient, cost-effective installation. Our solutions not only stand for the highest safety standards and long-term investment protection, but also fulfil the strict requirements of BS EN 1433 standard. With our in-depth understanding of customer needs and project requirements, BIRCO products not only deliver outstanding quality and performance, but also future-oriented, sustainable drainage concepts.



FACTS

- + For channel systems NW 100, 150 and 200 mm
- + Lengths: 0.50 and 1.00 metre
- + Different heights available
- + Material thickness 1.5 mm: galvanised steel, steel with zinc/aluminium/magnesium coating (Magnelis® etc.) or stainless steel (V2A)
- + Material thickness 4 mm: galvanised steel or stainless steel (V2A)
- + With inspection units for cleaning or servicing
- + Load class A 15 – C 250 (material thickness 1.5 mm)
- + Load class A 15 – E 600 (material thickness 4 mm)

AREAS OF APPLICATION

- + Public open spaces and building façades
- + Properties with sophisticated architectural requirements
- + Private residential construction
- + Stairs
- + Urban and industrial construction
- + Ideal for separating pavements
- + For the almost invisible drainage of squares or façades. For pavement separation or in private residential construction



A 15 to E 600

1 LOW MAINTENANCE

- + The tapered inlet slot at the bottom creates a self-cleaning effect
- + The drainage slots are reliably prevented from clogging

2 ATTRACTIVE DESIGN

- + Combines architectural demands with best drainage performance
- + Ideal for pavement separation

3 HIGH-QUALITY MATERIALS

- + Galvanised steel or stainless steel V2A guarantee durability and investment protection
- + Material thickness 1.5 mm with zinc/aluminium/magnesium coating (Magnelis® etc.) for maximum corrosion protection
- + Material thickness 1.5 mm up to class C 250 or 4 mm for loads up to class E 600

4 VISIBLE SEALING GAP

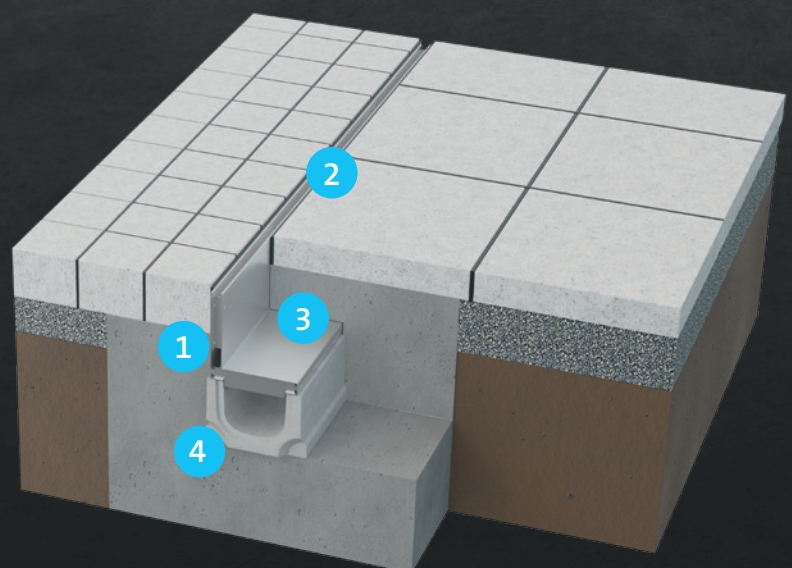
- + Safety sealing gap at the channel joint (can be grouted with BIRCO SF-Connect sealant)

QUICK AND SAFE INSTALLATION

- + Modular system with integrated cleaning and inspection units
- + The systems can be flushed quickly and easily via the integrated inspection units

FLEXIBLE USE

- + Two nominal widths, two material thicknesses and various installation heights create a wide range of possible applications



BIRCOslotted steel covers | for NW 100

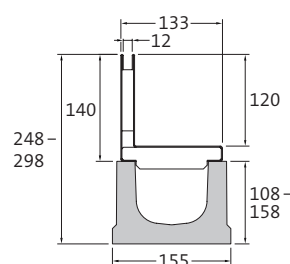


The invisible drainage solution – material thickness 1.5 mm

SLOTTED STEEL COVERS | MATERIAL THICKNESS 1.5 MM

AQUA*

- + Asymmetrical slotted cover
- + Steel with zinc/aluminium/magnesium coating (Magnelis® etc.)
- + For channel elements
- + Connecting height 120 mm, total height 140 mm



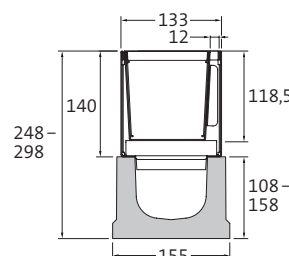
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	133 mm	140 mm	2.9 kg	SW 12 mm	120 cm ² /m	C 250	40 units	4813180 •
1000 mm	133 mm	140 mm	5.8 kg	SW 12 mm	120 cm ² /m	C 250	40 units	4813169 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

INSPECTION UNIT | 2-PIECE | MATERIAL THICKNESS 1.5 MM

AQUA*

- + Asymmetrical slotted cover
- + Steel with zinc/aluminium/magnesium coating (Magnelis® etc.)
- + For channel element / outfall unit
- + Height 140 mm
- + With removable insert as an opening for cleaning or servicing



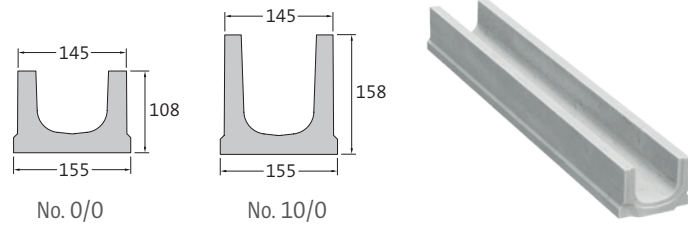
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	133 mm	140 mm	5.5 kg	SW 12 mm	120 cm ² /m	C 250	20 units	4813186 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

CHANNEL ELEMENT FOR SLOTTED STEEL COVERS/INSPECTION UNITS WITHOUT INBUILT FALL

AQUA*

- + High-quality C 40/50 concrete
- + Concrete edges covered by slotted steel cover / inspection unit
- + Reservation for sealing joint

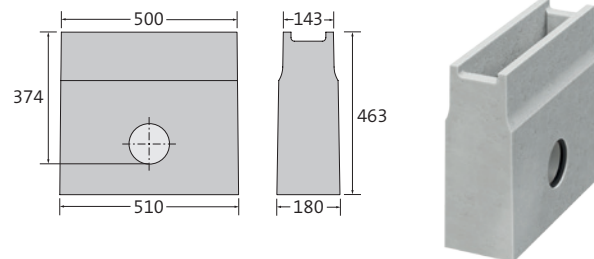


DESCRIPTION	LENGTH	WIDTH AT TOP/AT GROUND	HEIGHT AT TONGUE/GROOVE	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
No. 0/0	500 mm	145/155 mm	108/108 mm	10.5 kg	C 250	32 units	4812031 •
No. 0/0	1000 mm	145/155 mm	108/108 mm	20.6 kg	C 250	30 units	4812026 •
No. 10/0	1000 mm	145/155 mm	158/158 mm	26.0 kg	C 250	20 units	4812028

OUTFALL UNIT FOR INSPECTION UNIT | 1-PIECE

AQUA*

- + High-quality C 40/50 concrete
- + For 1 or 2-sided channel connection up to No. 10/0
- + PP silt bucket
- + Internal odour trap, suitable for PP and PVC pipe connection DN 110
- + Integrated socket with joint for DN 110 pipe connection



DESCRIPTION	LENGTH AT TOP/AT GROUND	WIDTH AT TOP/AT GROUND	HEIGHT	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
Outfall unit	500/510 mm	143/180 mm	463 mm	52.5 kg	C 250	12 units	4812035 •

BIRCOslotted steel covers | for NW 100

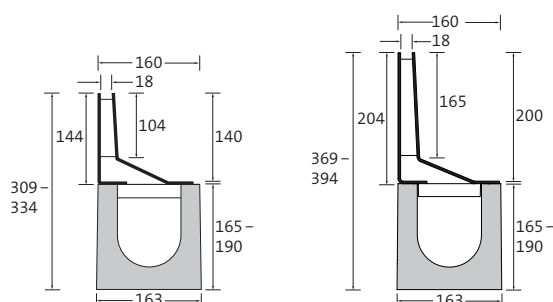


The invisible drainage solution – material thickness 4 mm

SLOTTED STEEL COVERS | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel elements
- + Connecting height 104/165, total height 144/204



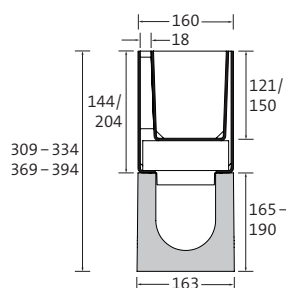
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	160 mm	144 mm	6.9 kg	SW 18 mm	180 cm ² /m	E 600	80 units	083184
1000 mm	160 mm	144 mm	13.7 kg	SW 18 mm	180 cm ² /m	E 600	70 units	083183 •
500 mm	160 mm	204 mm	9.0 kg	SW 18 mm	180 cm ² /m	E 600	50 units	087184 •
1000 mm	160 mm	204 mm	17.6 kg	SW 18 mm	180 cm ² /m	E 600	50 units	087183 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

INSPECTION UNIT | 2-PIECE | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel element / outfall unit
- + Total height 144/204
- + With removable insert as an opening for cleaning or servicing



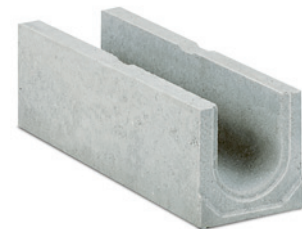
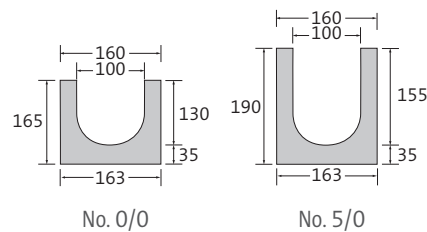
DESCRIPTION	LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
Asymmetrical slotted cover	500 mm	160 mm	144 mm	13.4 kg	SW 18 mm	180 cm ² /m	E 600	20 units	083160 •
Asymmetrical slotted cover	500 mm	160 mm	204 mm	17.9 kg	SW 18 mm	180 cm ² /m	E 600	20 units	087160 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

CHANNEL ELEMENT FOR SLOTTED STEEL COVERS / INSPECTION UNIT WITHOUT INBUILT FALL

AQUA*

- + High-quality C 40/50 concrete
- + Concrete edges covered by slotted steel cover / inspection unit
- + Reservation for sealing joint
- + Channel element with inbuilt fall on request



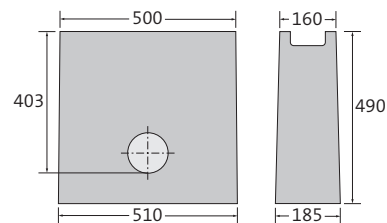
DESCRIPTION	LENGTH	WIDTH	HEIGHT AT TONGUE/GROOVE	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
No. 0/0	500 mm	160 mm	165/165 mm	19.0 kg	E 600 ¹⁾	40 units	012031 •
No. 0/0	1000 mm	160 mm	165/165 mm	37.0 kg	E 600 ¹⁾	30 units	012026 •
No. 5/0	1000 mm	160 mm	190/190 mm	41.0 kg	E 600 ¹⁾	25 units	012027 •

¹⁾ Class E 600 only when combined with slotted steel covers.

OUTFALL UNIT FOR INSPECTION UNIT | 1-PIECE

AQUA*

- + High-quality C 40/50 concrete
- + For 1 or 2-sided channel connection up to No. 5/0
- + PP silt bucket
- + Internal odour trap, suitable for PP and PVC pipe connection DN 110
- + Integrated socket with joint for DN 110 pipe connection



DESCRIPTION	LENGTH AT TOP/AT GROUND	WIDTH AT TOP/AT GROUND	HEIGHT	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
Up to No. 5/0	500/510 mm	160/185 mm	490 mm	58.0 kg	E 600 ¹⁾	12 units	012035 •

¹⁾ Class E 600 only when combined with slotted steel covers.

BIRCOslotted steel covers | for NW 150

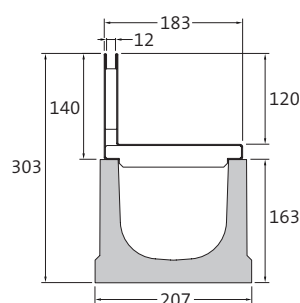


The invisible drainage solution – material thickness 1.5 mm

SLOTTED STEEL COVERS | MATERIAL THICKNESS 1.5 MM

AQUA*

- + Asymmetrical slotted cover
- + Steel with zinc/aluminium/magnesium coating (Magnelis® etc.)
- + For channel elements
- + Connecting height 120 mm, total height 140 mm



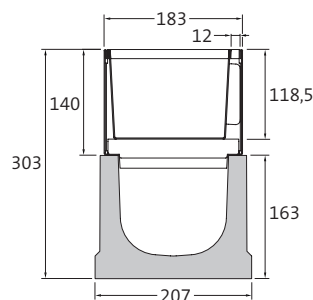
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	183 mm	140 mm	3.3 kg	SW 12 mm	120 cm ² /m	C 250	32 units	4813761 •
1000 mm	183 mm	140 mm	6.3 kg	SW 12 mm	120 cm ² /m	C 250	32 units	4813751 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

INSPECTION UNIT | 2-PIECE | MATERIAL THICKNESS 1.5 MM

AQUA*

- + Asymmetrical slotted cover
- + Steel with zinc/aluminium/magnesium coating (Magnelis® etc.)
- + For channel element / outfall unit
- + With removable insert as an opening for cleaning or servicing
- + Total height 140 mm



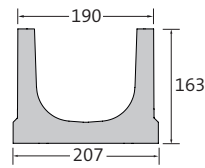
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	183 mm	140 mm	6.3 kg	SW 12 mm	120 cm ² /m	C 250	20 units	4813188 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

CHANNEL ELEMENTS FOR SLOTTED STEEL COVERS/INSPECTION UNIT WITHOUT INBUILT FALL

AQUA*

- + High-quality C 40/50 concrete
- + Channel element with anchoring system
- + Concrete edges covered by slotted steel cover / inspection unit
- + Reservation for sealing joint

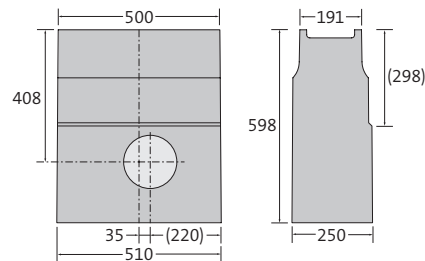


DESCRIPTION	LENGTH	WIDTH AT TOP/AT GROUND	HEIGHT AT TONGUE/GROOVE	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
No. 0/0	500 mm	190/207 mm	163/163 mm	18.6 kg	C 250	30 units	4812131 •
No. 0/0	1000 mm	190/207 mm	163/163 mm	37.2 kg	C 250	15 units	4812126 •

OUTFALL UNIT FOR INSPECTION UNIT | 1-PIECE

AQUA*

- + High-quality C 40/50 concrete
- + For 1 or 2-sided channel connection
- + PP silt bucket
- + Integrated socket with joint for DN 160 pipe connection



DESCRIPTION	LENGTH AT TOP/AT GROUND	WIDTH AT TOP/AT GROUND	HEIGHT	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
Outfall unit	500 mm	500 mm	598 mm	88.7 kg	C 250	8 units	4812135 •

BIRCOslotted steel covers | for NW 150

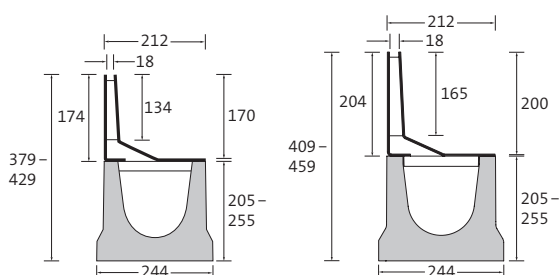


The invisible drainage solution – material thickness 4 mm

SLOTTED STEEL COVERS | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel elements
- + Connecting height 134/165 mm, total height 174/204 mm



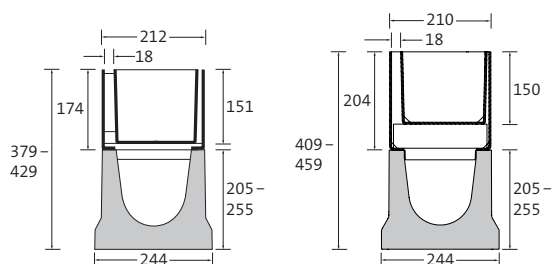
LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
500 mm	212 mm	174 mm	8.9 kg	SW 18 mm	180 cm ² /m	E 600	48 units	083561 •
1000 mm	212 mm	174 mm	17.5 kg	SW 18 mm	180 cm ² /m	E 600	48 units	083551 •
500 mm	212 mm	204 mm	9.9 kg	SW 18 mm	180 cm ² /m	E 600	48 units	087561 •
1000 mm	212 mm	204 mm	19.4 kg	SW 18 mm	180 cm ² /m	E 600	48 units	087551 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

INSPECTION UNIT | 2-PIECE | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel element / outfall unit
- + Total height 174/204 mm
- + With removable insert as an opening for cleaning or servicing



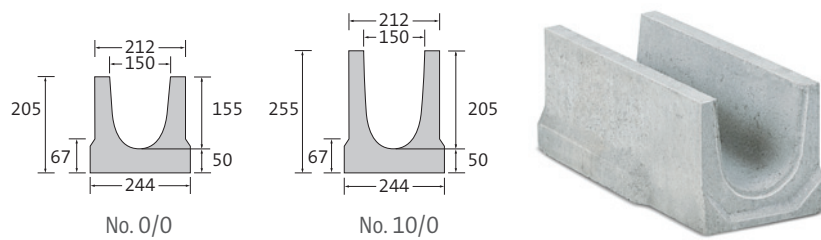
DESCRIPTION	LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
Asymmetrical	500 mm	212 mm	174 mm	17.6 kg	SW 18 mm	180 cm ² /m	E 600	24 units	083487 •
Asymmetrical	500 mm	212 mm	204 mm	20.3 kg	SW 18 mm	180 cm ² /m	E 600	24 units	087487 •

Other heights possible on request. Also available in stainless steel (V2A) on request.

CHANNEL ELEMENTS FOR SLOTTED STEEL COVERS/INSPECTION UNIT WITHOUT INBUILT FALL

AQUA*

- + High-quality C 40/50 concrete
- + Channel element with anchoring system
- + Concrete edges covered by slotted steel cover / inspection unit
- + Reservation for sealing joint
- + Channel element with inbuilt fall on request

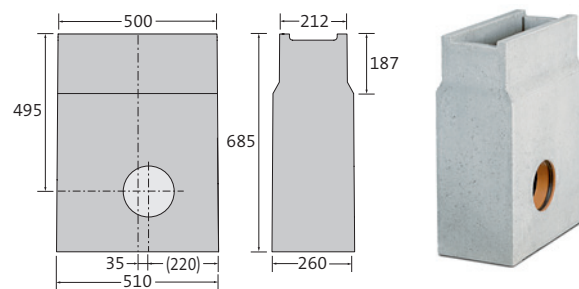


DESCRIPTION	LENGTH	WIDTH AT TOP/AT GROUND	HEIGHT AT TONGUE/GROOVE	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
No. 0/0	500 mm	212/244 mm	205/205 mm	31.2 kg	E 600	24 units	083731 •
No. 0/0	1000 mm	212/244 mm	205/205 mm	59.0 kg	E 600	12 units	083726 •
No. 10/0	1000 mm	212/244 mm	255/255 mm	67.0 kg	E 600	12 units	083728 •

OUTFALL UNIT FOR INSPECTION UNIT | 1-PIECE

AQUA*

- + High-quality C 40/50 concrete
- + For 1 or 2-sided channel connection up to No. 10/0
- + PP silt bucket
- + Integrated socket with joint for DN 160 pipe connection



DESCRIPTION	LENGTH AT TOP/AT GROUND	WIDTH AT TOP/AT GROUND	HEIGHT	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
Up to No. 10/0	500/510 mm	212/260 mm	685 mm	109.2 kg	E 600	6 units	083736 •

BIRCOslotted steel covers | for NW 200

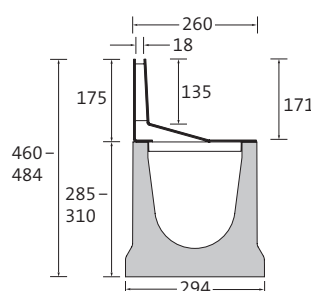


The invisible drainage solution – material thickness 4 mm

SLOTTED STEEL COVERS | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel elements
- + Connecting height 135, total height 175



LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
500 mm	260 mm	175 mm	10.5 kg	SW 18 mm	180 cm ² /m	D 400	50 units	083961
1000 mm	260 mm	175 mm	20.5 kg	SW 18 mm	180 cm ² /m	D 400	50 units	083951

Other heights possible on request. Also available in stainless steel (V2A) on request.

INSPECTION UNIT | 2-PIECE | MATERIAL THICKNESS 4 MM

AQUA*

- + Asymmetrical slotted cover
- + Hot-dip galvanised steel
- + For channel element / outfall unit
- + Total height 175
- + With removable insert as an opening for cleaning or servicing

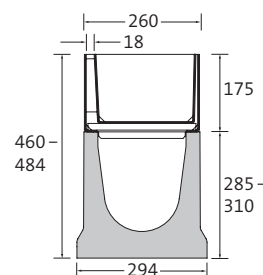


Illustration similar

DESCRIPTION	LENGTH	WIDTH	HEIGHT	WEIGHT	INLET OPENING	INLET CROSS SECTION	CLASSIFICATION	PALLET	ARTICLE NO.
Asymmetrical	500 mm	260 mm	175 mm	20.7 kg	SW 18 mm	180 cm ² /m	D 400	20 units	083987

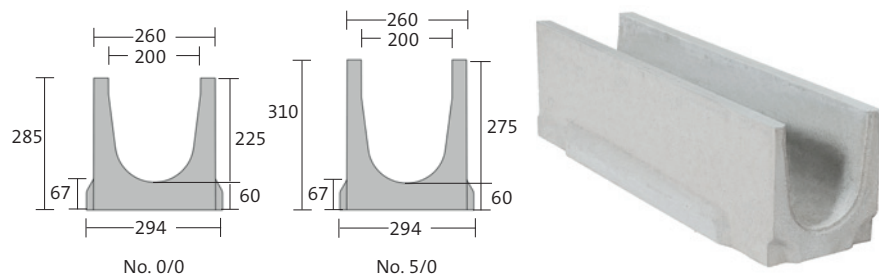
Other heights possible on request. Also available in stainless steel (V2A) on request.



CHANNEL ELEMENTS FOR SLOTTED STEEL COVERS/INSPECTION UNIT WITHOUT INBUILT FALL

AQUA*

- + High-quality C 40/50 concrete
- + Concrete edges covered by slotted steel cover / inspection unit
- + Reservation for sealing joint

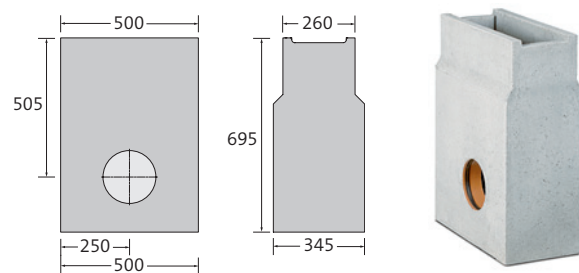


DESCRIPTION	LENGTH	WIDTH AT TOP/AT GROUND	HEIGHT AT TONGUE/GROOVE	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
No. 0/0	500 mm	260/294 mm	285/285 mm	47.0 kg	D 400	24 units	083931
No. 0/0	1000 mm	260/294 mm	285/285 mm	90.0 kg	D 400	12 units	083926
No. 5/0	1000 mm	260/294 mm	310/310 mm	94.9 kg	D 400	8 units	083927

OUTFALL UNIT FOR INSPECTION UNIT | 1-PIECE

AQUA*

- + For 1 or 2-sided channel connection up to No. 5/0
- + PP silt bucket
- + Integrated socket with joint for DN 200 pipe connection



DESCRIPTION	LENGTH	WIDTH AT TOP/AT GROUND	HEIGHT	WEIGHT	CLASSIFICATION EN 1433	PALLET	ARTICLE NO.
Up to No. 5/0	500 mm	260/345 mm	710 mm	134.3 kg	D 400	6 units	0839351

BIRCOslotted steel covers | Accessories

The invisible drainage solution

END CAP | FOR SLOTTED STEEL COVERS WITH MATERIAL THICKNESS 1.5 MM

AQUA*

+ Steel with zinc/aluminium/magnesium coating (Magnelis® etc.)

DESCRIPTION	WIDTH	FOR HEIGHT	WEIGHT	ARTICLE NO.
End cap, No. 0/0 for NW 100	160 mm	108 mm	0.2 kg	4812090 •
End cap, No. 10/0 for NW 100	160 mm	153 mm	0.2 kg	4812092 •
End cap with socket DN 110, No. 0/0 for NW 100	160 mm	108 mm	0.7 kg	4812045 •
End cap with socket DN 110, No. 10/0 for NW 100	160 mm	153 mm	0.2 kg	4812047 •
End cap, No. 0/0 for NW 150	260 mm	163 mm	0.5 kg	4812190 •
End cap with socket DN 110, No. 0/0 for NW 150	260 mm	163 mm	0.7 kg	4812145 •

Also available in stainless steel (V2A) on request.

END CAP | FOR SLOTTED STEEL COVERS WITH MATERIAL THICKNESS 4 MM HOT-DIP GALVANISED STEEL

AQUA*

DESCRIPTION	WIDTH	FOR HEIGHT	WEIGHT	ARTICLE NO.
End cap, No. 0/0 for NW 100	160 mm	160 mm	0.3 kg	012090 •
End cap, No. 5/0 for NW 100	160 mm	190 mm	0.3 kg	012091 •
End cap, No. 0/0 for NW 150	210 mm	205 mm	0.6 kg	083770 •
End cap, No. 10/0 for NW 150	210 mm	245 mm	0.8 kg	083772 •
End cap, No. 0/0, No. 5/0 for NW 200	230 mm	285 – 310 mm	1.2 kg	083971

Also available in stainless steel (V2A) on request.

ODOUR TRAP FOR OUTFALL UNIT | PP

TEC*

+ Odour trap for outfall unit with socket and joint for DN 160 pipe connection

DESCRIPTION	WEIGHT	ARTICLE NO.
Internal odour trap, suitable for DN 160 pipe connection, 1-piece	0.2 kg	605002 •

LIFTING ACCESSORIES FOR INSPECTION UNIT | SET

TEC*

DESCRIPTION	WEIGHT	ARTICLE NO.
Lifting tool for all Inspection units with asymmetrical slotted steel covers, set of 2 units	0.4 kg	083191 •



Elegance and efficiency: drainage with BIRCOslotted steel covers