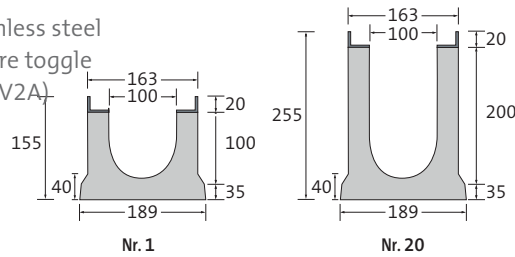


BIRCOLight | NW 100 AS

The stabile concrete channel with a large variety of gratings

Channel elements with anchoring system | 0.5 % internal inbuilt fall

- + Hot-dipped galvanised solid steel angle and combi-closure toggle
- + As special solution with stainless steel angle (V2A) and combi-closure toggle (combi-closure toggle not in V2A)
- + Safety sealing joint



Description	Length	Width at top/ at ground	Construction height at groove/tongue	Weight	Load class DIN EN 1433	Article no.
Channel no. 1	1000 mm	163/189 mm	155/160 mm	36.2 kg	A 15 - E 600	021001
Channel no. 2	1000 mm	163/189 mm	160/165 mm	38.2 kg	A 15 - E 600	021002
Channel no. 3	1000 mm	163/189 mm	165/170 mm	38.7 kg	A 15 - E 600	021003
Channel no. 4	1000 mm	163/189 mm	170/175 mm	39.3 kg	A 15 - E 600	021004
Channel no. 5	1000 mm	163/189 mm	175/180 mm	39.7 kg	A 15 - E 600	021005
Channel no. 6	1000 mm	163/189 mm	180/185 mm	40.7 kg	A 15 - E 600	021006
Channel no. 7	1000 mm	163/189 mm	185/190 mm	41.2 kg	A 15 - E 600	021007
Channel no. 8	1000 mm	163/189 mm	190/195 mm	41.7 kg	A 15 - E 600	021008
Channel no. 9	1000 mm	163/189 mm	195/200 mm	42.2 kg	A 15 - E 600	021009
Channel no. 10	1000 mm	163/189 mm	200/205 mm	42.7 kg	A 15 - E 600	021010
Channel no. 11	1000 mm	163/189 mm	205/210 mm	43.2 kg	A 15 - E 600	021011
Channel no. 12	1000 mm	163/189 mm	210/215 mm	44.2 kg	A 15 - E 600	021012
Channel no. 13	1000 mm	163/189 mm	215/220 mm	44.7 kg	A 15 - E 600	021013
Channel no. 14	1000 mm	163/189 mm	220/225 mm	45.2 kg	A 15 - E 600	021014
Channel no. 15	1000 mm	163/189 mm	225/230 mm	45.7 kg	A 15 - E 600	021015
Channel no. 16	1000 mm	163/189 mm	230/235 mm	46.7 kg	A 15 - E 600	021016
Channel no. 17	1000 mm	163/189 mm	235/240 mm	47.2 kg	A 15 - E 600	021017
Channel no. 18	1000 mm	163/189 mm	240/245 mm	47.7 kg	A 15 - E 600	021018
Channel no. 19	1000 mm	163/189 mm	245/250 mm	48.2 kg	A 15 - E 600	021019
Channel no. 20	1000 mm	163/189 mm	250/255 mm	48.7 kg	A 15 - E 600	021020

Please note special installation instructions for classes D 400 and E 600.
Exception up to D 400: Not for use across the carriage-way of highways or motorways.

Channel elements with anchoring system | ohne inbuilt fall

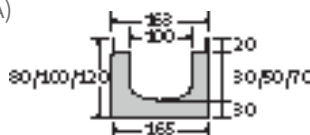
- + Hot-dipped galvanised solid steel angle and combi-closure toggle
- + As special solution with stainless steel angle (V2A) and combi-closure toggle (combi-closure toggle not in V2A)
- + Safety sealing joint

Description	Length	Width at top/ at ground	Construction height at groove/tongue	Weight	Load class DIN EN 1433	Article no.
Channel no. 0/0	500 mm	163/189 mm	155/155 mm	17.9 kg	A 15 – E 600	021031
Channel no. 0/0	1000 mm	163/189 mm	155/155 mm	36.2 kg	A 15 – E 600	021026
Channel no. 5/0	500 mm	163/189 mm	180/180 mm	19.9 kg	A 15 – E 600	021032
Channel no. 5/0	1000 mm	163/189 mm	180/180 mm	39.7 kg	A 15 – E 600	021027
Channel no. 10/0	1000 mm	163/189 mm	205/205 mm	42.7 kg	A 15 – E 600	021028
Channel no. 15/0	1000 mm	163/189 mm	230/230 mm	45.7 kg	A 15 – E 600	021029

Channel No. 0/0 and 5/0 also available with socket DN 100 for a vertical outlet. Article No. 021033/021034 for a length of 1000 mm

Shallow channels | ohne inbuilt fall

- + Hot-dipped galvanised solid steel angle and combi-closure toggle
- + As special solution with stainless steel angle (V2A) and combi-closure toggle (combi-closure toggle not in V2A)
- + Safety sealing joint



Description	Length	Width at top/ at ground	Construction height at groove/tongue	Weight	Load class DIN EN 1433	Article no.
Construction height 80	1000 mm	163/165 mm	80/80 mm	20.2 kg	A 15 – E 600	031026
Construction height 100	1000 mm	163/165 mm	100/100 mm	24.2 kg	A 15 – E 600	031027
Construction height 120	1000 mm	163/165 mm	120/120 mm	25.7 kg	A 15 – E 600	031028

Please note special installation instructions for classes D 400 and E 600.
Exception up to D 400: Not for use across the carriage- way of highways or motorways.



End caps

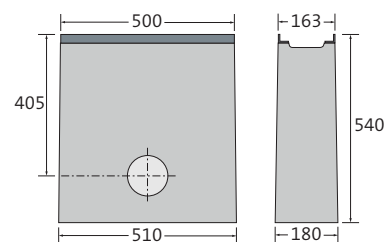
+ Also available in stainless steel (V2A)



Description	Width	For construction height	Weight	Article no.
End cap, galvanised, no. 0/0 – 4	160 mm	155 – 175 mm	0.3 kg	021080
End cap, galvanised, no. 5 – 8	160 mm	175 – 195 mm	0.3 kg	021081
End cap, galvanised, no. 9 – 12	160 mm	195 – 215 mm	0.4 kg	021082
End cap, galvanised, no. 13 – 16	160 mm	215 – 235 mm	0.4 kg	021083
End cap, galvanised, no. 17 – 20	160 mm	235 – 255 mm	0.5 kg	021084
Shallow end cap, galvanised, construction height 80	160 mm	80 mm	0.1 kg	031040
Shallow end cap, galvanised, construction height 100	160 mm	100 mm	0.2 kg	031041
Shallow end cap, galvanised, construction height 120	160 mm	120 mm	0.2 kg	031042
End cap with outlet DN 100, galvanised, no. 0/0	160 mm	155 mm	0.6 kg	021045
End cap with outlet DN 100, galvanised, no. 5/0	160 mm	180 mm	0.7 kg	021046
End cap with outlet DN 100, galvanised, no. 10/0	160 mm	205 mm	0.7 kg	021047
End cap with outlet DN 100, galvanised, no. 15/0	160 mm	230 mm	0.8 kg	021048
End cap with outlet DN 100, galvanised, no. 20	160 mm	255 mm	0.8 kg	021049

In-line outfall unit | 1-piece

- + 1- or 2-sided channel connection until no. 20
- + PP silt bucket
- + Integrated sockets for DN 100 pipe connection
- + PP odour trap
- + Hot-dipped galvanised solid steel angle and combi-closure toggle
- + As special solution with stainless steel angle (V2A) and combi-closure toggle (combi-closure toggle not in V2A)



Description	Length at top/ at ground	Width at top/ at ground	Construction height	Weight	Load class DIN EN 1433	Article no.
In-line outfall unit	500/510 mm	163/180 mm	540 mm	61.4 kg	A 15 – E 600	021035

Please note special installation instructions for classes D 400 and E 600.
Exception up to D 400: Not for use across the carriage- way of highways or motorways.

Ductile iron slotted grating

- + Black immersion-lacquered
- + Also available galvanised
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	3.9 kg	SW 100/13 mm	469 cm ² /m	A 15 – C 250	021072/e
black	500 mm	153 mm	20 mm	5.0 kg	SW 100/13 mm	469 cm ² /m	A 15 – E 600	021075/e

Ductile iron slotted grating | narrow slots

- + Black immersion-lacquered
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	3.7 kg	SW 100/6 mm	260 cm ² /m	A 15 – C 250	021073/e
black	500 mm	153 mm	20 mm	4.3 kg	SW 100/6 mm	260 cm ² /m	A 15 – E 600	021071/e

Longitudinal bar gratings | ductile iron

- + Black immersion-lacquered
- + Also available galvanised
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	4.6 kg	MW 73/10 mm	716 cm ² /m	A 15 – C 250	021095/e
black	500 mm	153 mm	20 mm	5.5 kg	MW 32/10 mm	614 cm ² /m	A 15 – E 600	021096/e

Design ductile iron grating „Ellipse“

- + Black immersion-lacquered
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	5.7 kg	–	417 cm ² /m	A 15 – E 600	021077/e

Article No. with e = with Easylock, SW = slot width, MW = mesh width
Please note special installation instructions for classes D 400 and E 600.
Exception up to D 400: Not for use across the carriage- way of highways or motorways.

Mesh gratings | ductile iron

- + Black immersion-lacquered
- + Also available galvanised
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	3.5 kg	MW 20/30 mm	815 cm ² /m	A 15 – C 250	021085/e

Pattern-rolled ductile iron cover | solid

- + Black immersion-lacquered
- + Also available galvanised
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Load class DIN EN 1433	Article no.
black	500 mm	153 mm	20 mm	5.4 kg	A 15 – E 600	051076/e

Perforated gratings | circular hole

- + Galvanised
- + Also available in stainless steel (V2A)
- + 2-point per metre M12/A2 countersunk-hexagonal head bolt connection



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
galvanised	500 mm	153 mm	20 mm	2.1 kg	Ø 8 mm	237 cm ² /m	A 15 – B 125	021090
galvanised	1000 mm	153 mm	20 mm	4.1 kg	Ø 8 mm	237 cm ² /m	A 15 – B 125	021089
galvanised	500 mm	153 mm	20 mm	2.7 kg	Ø 8 mm	237 cm ² /m	A 15 – C 250	021069
galvanised	1000 mm	153 mm	20 mm	5.4 kg	Ø 8 mm	237 cm ² /m	A 15 – C 250	021059

Longitudinal bar gratings | comb

- + Hot-dipped galvanised
- + Also available in stainless steel (V2A)
- + 2 point per metre M12/A2 bolt connection



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
hot-dipped galvanised	500 mm	153 mm	20 mm	1.8 kg	MW 220/15 mm	1103 cm ² /m	A 15	021087
hot-dipped galvanised	1000 mm	153 mm	20 mm	3.6 kg	MW 220/15 mm	1122 cm ² /m	A 15	021086
hot-dipped galvanised	500 mm	153 mm	20 mm	2.7 kg	MW 73/15 mm	937 cm ² /m	A 15 – C 250	021098
hot-dipped galvanised	1000 mm	153 mm	20 mm	5.7 kg	MW 73/15 mm	1010 cm ² /m	A 15 – C 250	021097

Article No. with e = with Easylock, MW = mesh width
Please note special installation instructions for classes D 400 and E 600.
Exception up to D 400: Not for use across the carriage- way of highways or motorways.

Slotted gratings

- + Galvanised
- + Also available in stainless steel (V2A)
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively, just galvanised)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
galvanised	500 mm	153 mm	20 mm	1.3 kg	SW 80/12 mm	334 cm ² /m	A 15	021066/e
galvanised	1000 mm	153 mm	20 mm	2.7 kg	SW 80/12 mm	334 cm ² /m	A 15	021056/e
galvanised	500 mm	153 mm	20 mm	2.6 kg	SW 80/12 mm	334 cm ² /m	A 15 – C 250	021068/e
galvanised	1000 mm	153 mm	20 mm	5.4 kg	SW 80/12 mm	334 cm ² /m	A 15 – C 250	021058/e

Mesh gratings

- + Hot-dipped galvanised
- + Also available in stainless steel (V2A)
- + 2 point per metre M12/A2 bolt connection
- + 2 point per metre Easylock-fastening (alternatively, just galvanised)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross-section	Load class DIN EN 1433	Article no.
hot-dipped galvanised	500 mm	153 mm	20 mm	1.5 kg	MW 30/30 mm	1080 cm ² /m	A 15 – B 125	021060/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	3.0 kg	MW 30/30 mm	1080 cm ² /m	A 15 – B 125	021050/e
hot-dipped galvanised	500 mm	153 mm	20 mm	2.0 kg	MW 30/30 mm	1080 cm ² /m	A 15 – C 250	021062/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	3.9 kg	MW 30/30 mm	1080 cm ² /m	A 15 – C 250	021052/e
hot-dipped galvanised	500 mm	153 mm	20 mm	2.0 kg	MW 30/10 mm	1051 cm ² /m	A 15	021092/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	4.0 kg	MW 30/10 mm	1051 cm ² /m	A 15	021091/e
hot-dipped galvanised	500 mm	153 mm	20 mm	2.0 kg	MW 30/10 mm	1051 cm ² /m	A 15 – B 125	021094/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	4.0 kg	MW 30/10 mm	1051 cm ² /m	A 15 – B 125	021093/e
hot-dipped galvanised	500 mm	153 mm	20 mm	2.0 kg	MW 30/15 mm	1035 cm ² /m	A 15 – B 125	021061/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	3.8 kg	MW 30/15 mm	1035 cm ² /m	A 15 – B 125	021051/e
hot-dipped galvanised	500 mm	153 mm	20 mm	2.1 kg	MW 30/15 mm	1035 cm ² /m	A 15 – C 250	021063/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	4.4 kg	MW 30/15 mm	1035 cm ² /m	A 15 – C 250	021053/e
hot-dipped galvanised	500 mm	153 mm	20 mm	4.4 kg	MW 10/30 mm	1051 cm ² /m	A 15 – E 600	021064/e
hot-dipped galvanised	1000 mm	153 mm	20 mm	8.2 kg	MW 10/30 mm	1051 cm ² /m	A 15 – E 600	021054/e

Article No. with e = with Easylock, SW = slot width, MW = mesh width
 Please note special installation instructions for classes D 400 and E 600.
 Exception up to D 400: Not for use across the carriage- way of highways or motorways.

