

FASERFIX BIG SLG

Linear drainage with ductile iron channel edge plates for highest wear resistance.



**Logistics area at the
JTI high-bay warehouse
in Trier, Germany**



FASERFIX BIG SLG

Linear drainage with protection of concrete casing for maximum wear resistance.

1 Requirements

Drainage channels for heavy traffic areas have to

- withstand strong dynamic forces and extreme loads
- be particularly stable and long-lasting
- be resistant to environmental effects (frost, heat, water)
- comply with DIN EN 1433

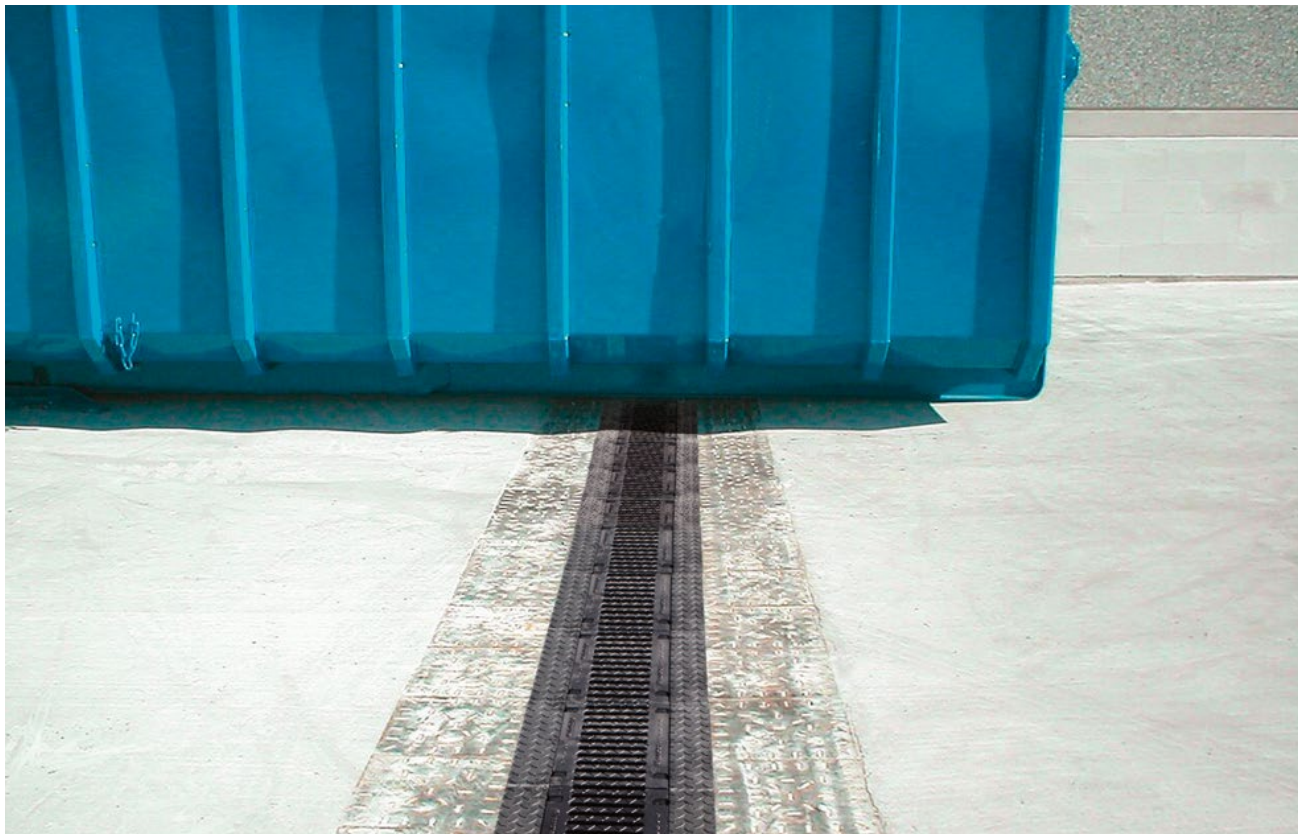
2 Application areas

- ports
- warehouse yards
- industrial road surfaces
- container stations
- airports

3 Solution

For this reason, FASERFIX BIG SLG channels are suitable for the drainage of heavy traffic areas:

- solid channels made of fibre-reinforced concrete
- angle housing and protection of concrete casing consist of durable, KTL coated ductile iron
- load classes D 400, E 600 and F 900 to DIN EN 1433
- gratings are held very securely in the angle housing due to 40 mm insertion depth
- nominal widths from 100 to 300 mm
- gratings are securely fixed with 8 bolt fixings per metre



Very strong hence able to withstand heavy point loads



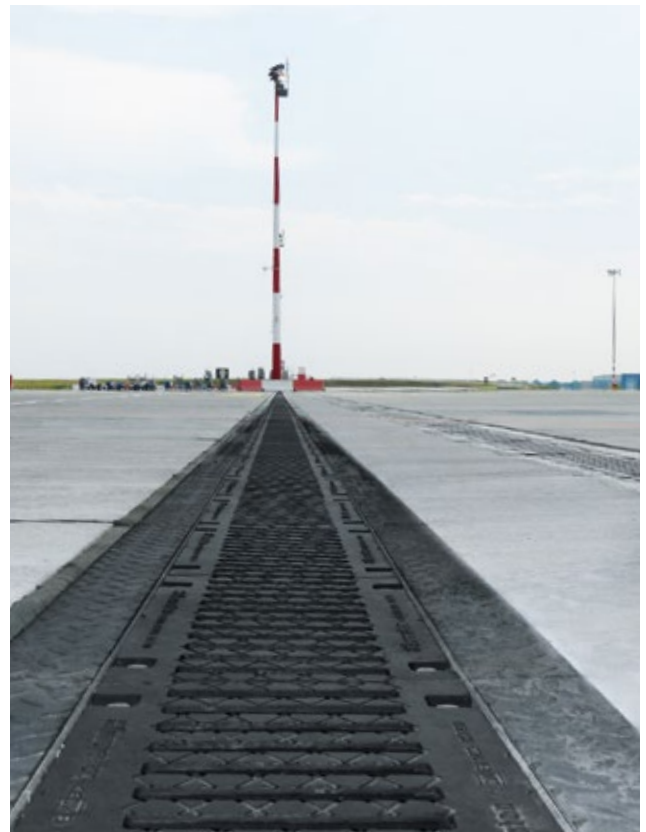
Robust and wear-resistant ductile iron protection of concrete casing



Easy to install due to integrated concrete casing



Maximum traffic safety due to 8-fold bolted grating



Long service life also when exposed to heavy loads as in airports

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

YOUR BENEFITS WITH **FASERFIX BIG SLG**

ANGLE HOUSINGS

- corrosion protection with KTL coating
- 40 mm inlaying depth = extremely secure
- 8-fold bolt connection
- 8-fold shearing protection

= QUALITY ASSURED



ROBUST CONCRETE STRETCHER

- KTL-coated ductile iron surface
- integrated concrete stretcher saves formwork during installation
- sits firmly in position
- channels can be used immediately after installation

= QUALITY ASSURED / COST SAVINGS



HIGH-QUALITY MATERIAL

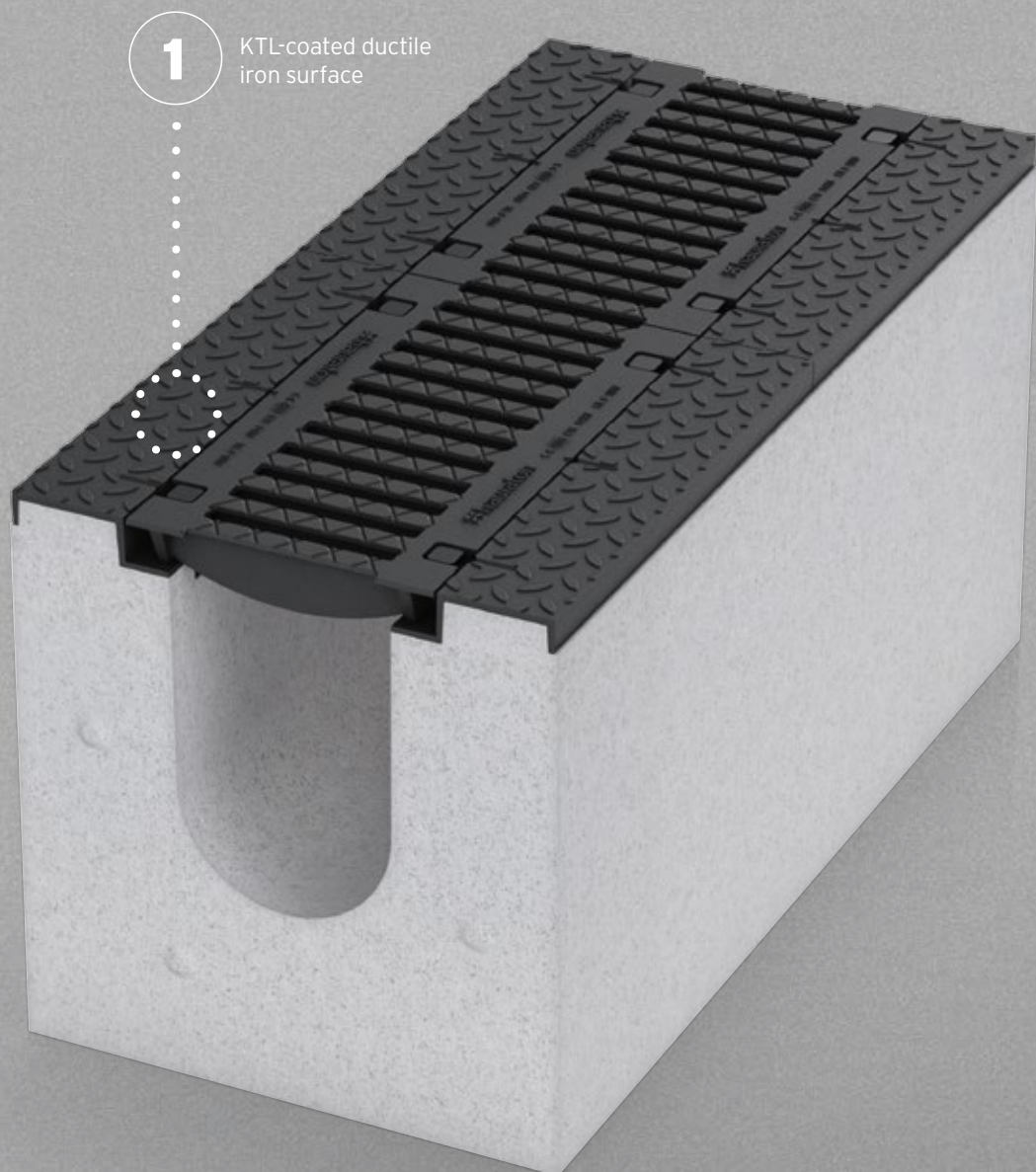
- made of fibre-reinforced concrete
- fire resistance class A1 (non-flammable) according to DIN 4102
- intrinsically robust channel body, installation without grating

= QUALITY ASSURED



IDEAL FOR ...

strong, dynamic loads and extreme loads in heavy traffic areas such as storage areas, container sites and industrial and port facilities.



FASERFIX BIG SLG

Linear drainage with protection of concrete casing for maximum wear resistance.

FASERFIX BIG SLG channels comply with DIN EN 1433 and are suitable for the following load classes:



Class D 400, test force 400 kN

Roadways (including pedestrian), hard shoulders of roads and parking lots which are approved for use by all types of road vehicles.



Class E 600, test force 600 kN

Surfaces exposed to heavy wheel loads, e. g. ports and docks



Class F 900, test force 900 kN

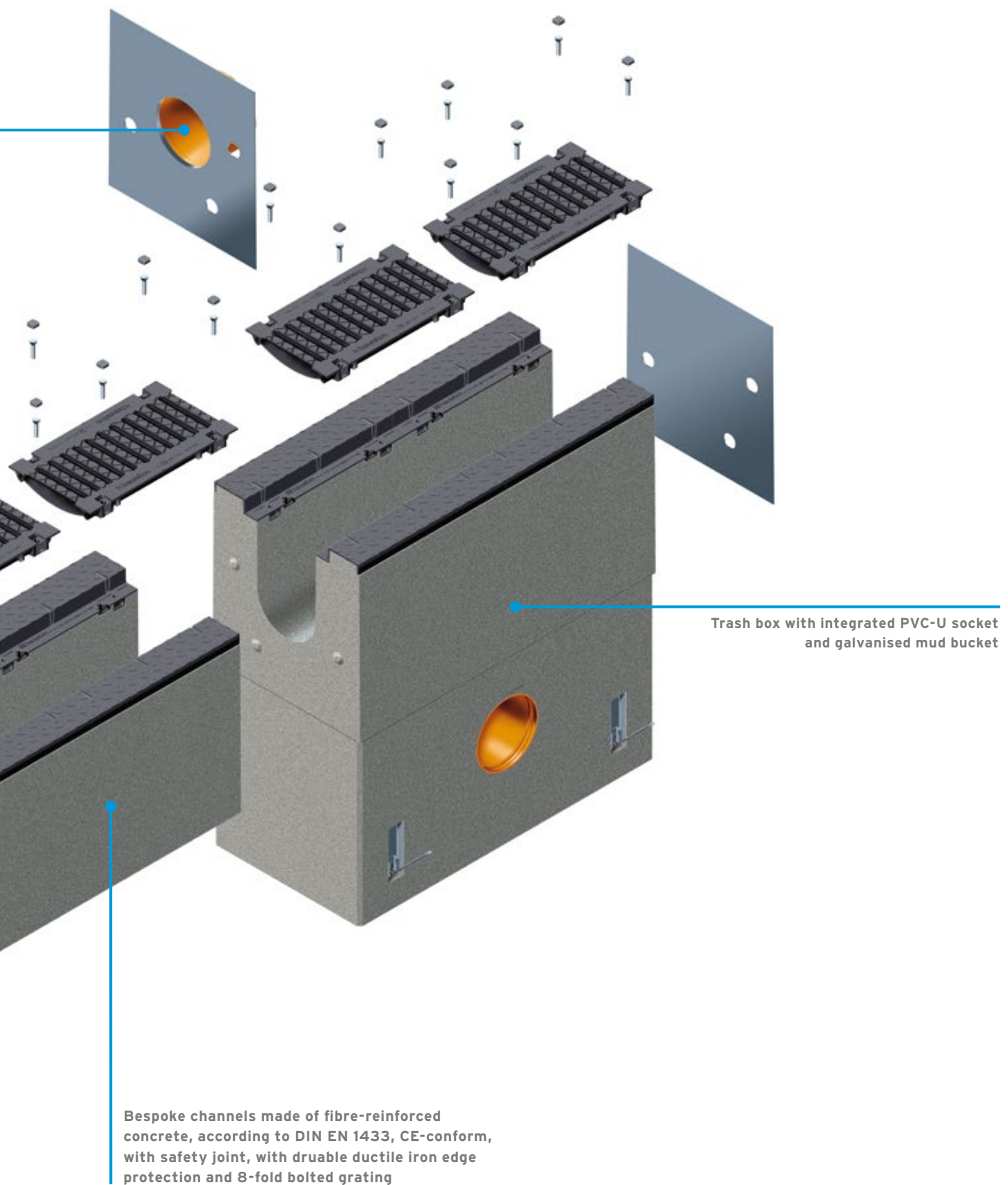
Surfaces exposed to very heavy wheel loads, e. g. airport areas.

If in doubt, always select the higher class.

End cap
with outlet

Stable gratings
made of ductile iron

End cap
without outlet



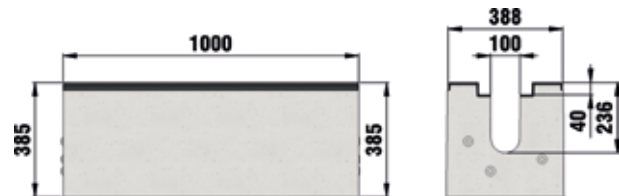
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SERVICE CHANNEL

FASERFIX®BIG SLG 100

Channels

FASERFIX®BIG SLG 100, up to class F 900

Type 020



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	1000	388	385	181	306,00	1480

Bolting required - see further accessories

FASERFIX®BIG SLG 100

Gratings

FASERFIX®BIG SLG 100, class D 400*



Ductile iron grating,
SW 94/16 mm, black,
with plastic caps



Ductile iron grating,
SW 94/16 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 94/16 mm, black, with plastic caps	500	179	40	360	5,90	6063
Ductile iron grating, SW 94/16 mm, KTL-coated, with plastic caps	500	179	40	360	6,10	6663

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG SLG 100, class F 900



GUGI-Ductile iron mesh grating,
MW 15/25 mm, black,
with plastic caps



GUGI-Ductile iron mesh grating,
MW 15/25 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating, MW 15/25 mm, black, with plastic caps	500	179	40	494	7,60	6060
GUGI-Ductile iron mesh grating, MW 15/25 mm, KTL-coated, with plastic caps	500	179	40	494	7,60	6660

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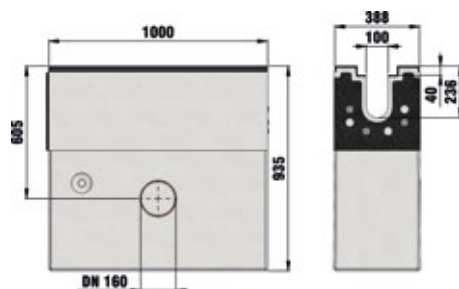
FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG SLG 100

Accessories

Trash boxes



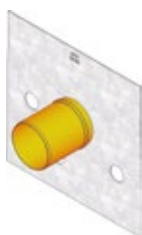
Trash box element, 2-parts,
with PVC-U socket and galvanised
mud bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element, 2-parts, with PVC-U socket and galvanised mud bucket	1000	388	935	778,00	1857

End caps



End cap closed,
type 020



End cap with horizontal
PVC-U pipe outlet DN/OD 110,
type 020

	Length mm	Width mm	Height mm	Weight kg	Item-No. galvanised	Item-No. stainless steel
End cap closed, type 020	-	388	383	2,30	1886	1883
End cap with horizontal PVC-U pipe outlet DN/OD 110, type 020	-	388	383	2,40	1899	1896

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

FASERFIX®BIG SLG 100

Further accessories



Foul air trap DN/OD 110, outside



Installation aid NW 100 (2 pieces required) - due to security reasons no return can be made

	Length mm	Width mm	Height mm	Weight kg	Item No.
Hexagon bolt with locking serration, stainless steel, M 10 x 50	-	-	-	0,00	99938
Caps for hexagon bolts	24	24	7	-	91100
Foul air trap DN/OD 110, outside	-	-	-	0,40	961
PVC-U pipe outlet, DN/OD 110	-	-	-	0,20	903
Universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,00	19051
Tubular pistol for universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,30	6891
Installation aid NW 100 (2 pieces required) - due to security reasons no return can be made	-	-	-	1,60	705

**** Consumption of sealing material: approx. 99 ml per joint.**

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

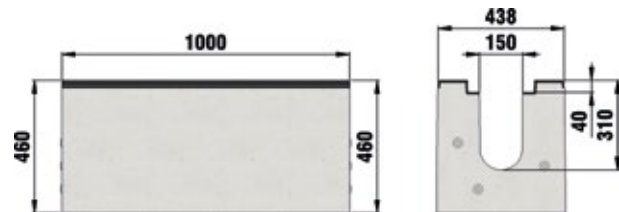
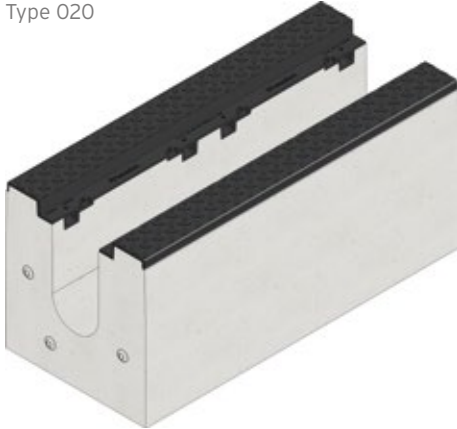
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®BIG SLG 150

Channels

FASERFIX®BIG SLG 150, up to class F 900

Type 020



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	1000	438	460	383	370,00	2480

Bolting required - see further accessories

FASERFIX®BIG SLG 150

Gratings

FASERFIX®BIG SLG 150, class D 400*



Ductile iron grating,
SW 150/18 mm, black,
with plastic caps



Ductile iron grating,
SW 170/18 mm, black,
KTL-coated, with
plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 150/18 mm, black, with plastic caps	500	229	40	624	7,45	2463
Ductile iron grating, SW 170/18 mm, black, KTL-coated, with plastic caps	500	229	40	624	7,45	2483

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG SLG 150, class E 600



GUGI-Ductile iron mesh grating,
MW 15/25 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating, MW 15/25 mm, black, with plastic caps	500	229	40	628	11,50	2068

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FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG SLG 150

Gratings

FASERFIX®BIG SLG 150, class F 900



Ductile iron grating
SW 20 mm, black,
with plastic caps



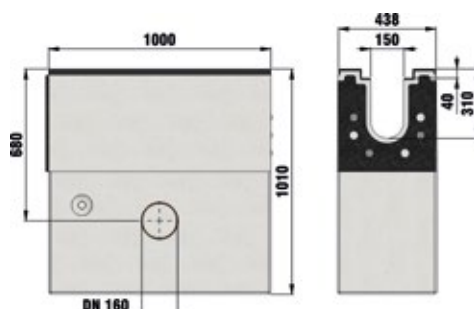
Ductile iron grating
SW 20 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	229	40	710	9,90	2061
Ductile iron grating SW 20 mm, KTL-coated, with plastic caps	500	229	40	710	9,90	2861

FASERFIX®BIG SLG 150

Accessories

Trash boxes



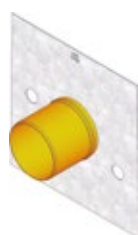
Trash box element, 2-parts,
with PVC-U socket and galvanised
mud bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element, 2-parts, with PVC-U socket and galvanised mud bucket	1000	438	1010	904,00	2957

End caps



End cap closed,
type 020



End cap with horizontal
PVC-U pipe outlet DN/OD 160,
type 020

	Length mm	Width mm	Height mm	Weight kg	Item-No. galvanised	Item-No. stainless steel
End cap closed, type 020	-	438	458	3,10	2986	2983
End cap with horizontal PVC-U pipe outlet DN/OD 160, type 020	-	438	458	3,30	2999	2996

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

FASERFIX®BIG SLG 150

Accessories

Further accessories



Foul air trap DN/OD 160



PVC-U pipe connection element
DN/OD 160

	Length mm	Width mm	Height mm	Weight kg	Item No.
Hexagon bolt with locking serration, stainless steel, M 10 x 50	-	-	-	0,00	99938
Caps for hexagon bolts	24	24	7	-	91100
Foul air trap DN/OD 160	584	160	439	2,00	960
PVC-U pipe connection element DN/OD 160	-	-	-	0,50	906
Universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,00	19051
Tubular pistol for universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,30	6891
Installation aid NW 150 (2 pieces required) - due to security reasons no return can be made	-	-	-	2,10	136018

**** Consumption of sealing material: approx. 112 ml per joint.**

FASERFIX®BIG SLG 150

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

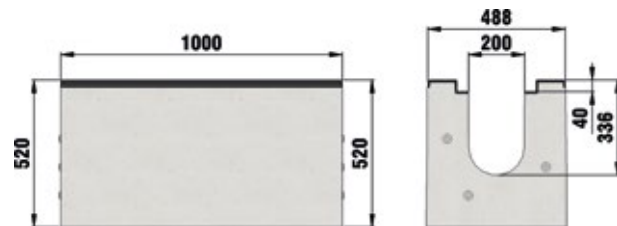
SERVICE CHANNEL

FASERFIX®BIG SLG 200

Channels

FASERFIX®BIG SLG 200, up to class F 900

Type 020



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	1000	488	520	552	458,00	3480

Bolting required - see further accessories

FASERFIX®BIG SLG 200

Gratings

FASERFIX®BIG SLG 200, class D 400*



Ductile iron grating,
SW 170/18 mm, black,
with plastic caps



Ductile iron grating,
SW 170/18 mm, black,
KTL-coated, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 170/18 mm, black, with plastic caps	500	279	40	732	9,26	3463
Ductile iron grating, SW 170/18 mm, black, KTL-coated, with plastic caps	500	279	40	732	9,26	3483

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG SLG 200, class E 600



GUGI-Ductile iron mesh grating
MW 15/25 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	279	40	818	12,65	3068
GUGI-Ductile iron mesh grating, MW 15/25 mm, KTL-coated, with plastic caps	500	279	40	818	12,60	3868

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG SLG 200

Gratings

FASERFIX®BIG SLG 200, class F 900



Ductile iron grating
SW 20 mm, black,
with plastic caps



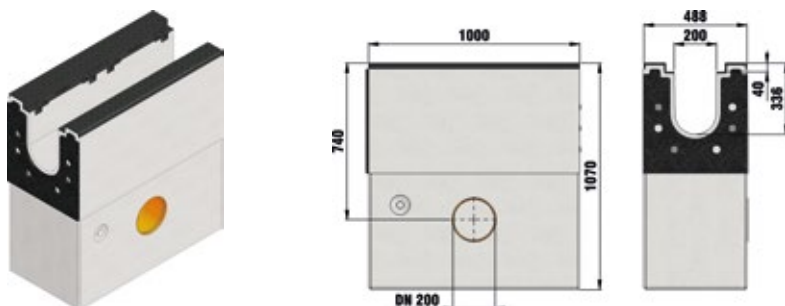
Ductile iron grating
SW 20 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	279	40	833	13,60	3061
Ductile iron grating SW 20 mm, KTL-coated, with plastic caps	500	279	40	833	13,70	3861

FASERFIX®BIG SLG 200

Accessories

Trash boxes



Trash box element, 2-parts,
with PVC-U socket and galvanised
mud bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element, 2-parts, with PVC-U socket and galvanised mud bucket	1000	488	1070	1052,00	3957

End caps



End cap closed, type 020

End cap with horizontal
PVC-U pipe outlet DN/OD 200,
type 020

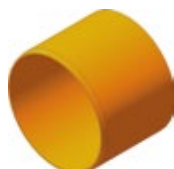
	Length mm	Width mm	Height mm	Weight kg	Item-No. galvanised	Item-No. stainless steel
End cap closed, type 020	-	488	518	4,00	3986	3983
End cap with horizontal PVC-U pipe outlet DN/OD 200, type 020	-	488	518	4,30	3999	3996

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

FASERFIX®BIG SLG 200

Accessories

Further accessories



PVC-Connection
DN/OD 200

	Length mm	Width mm	Height mm	Weight kg	Item No.
Hexagon bolt with locking serration, stainless steel, M 10 x 50	-	-	-	0,00	99938
Caps for hexagon bolts	24	24	7	-	91100
PVC-Connection DN/OD 200	-	-	-	0,80	907
Universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,00	19051
Tubular pistol for universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,30	6891
Installation aid NW 200 (2 pieces required) - due to security reasons no return can be made	-	-	-	2,60	136202

**** Consumption of sealing material: approx. 129 ml per joint.**

FASERFIX®BIG SLG 200

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

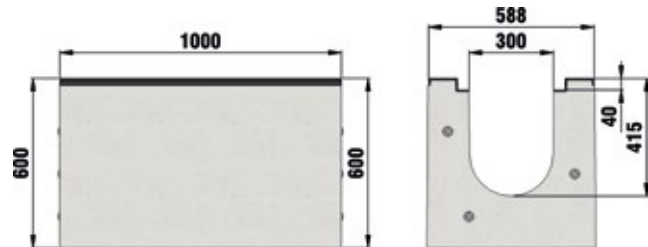
SERVICE CHANNEL

FASERFIX®BIG SLG 300

Channels

FASERFIX®BIG SLG 300, up to class F 900

Type 010



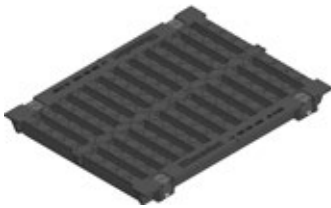
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 010	1000	588	600	1020	552,00	4670

Bolting required - see further accessories

FASERFIX®BIG SLG 300

Gratings

FASERFIX®BIG SLG 300, class D 400*



Ductile iron grating,
SW 2 x 136/18 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 2 x 136/18 mm, black, with plastic caps	500	377	40	1150	16,90	4563
Ductile iron grating, SW 2 x 136/18 mm, KTL-coated, with plastic caps	500	377	40	1150	16,90	4543

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG SLG 300, class E 600



GUGI-Ductile iron mesh grating
MW 15/25 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	377	40	1172	21,80	4068
GUGI-Ductile iron mesh grating MW 15/25 mm, black, KTL-coated, with plastic caps	500	377	40	1172	22,50	4868

FASERFIX®SUPER

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FASERFIX®BIG BL

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RECYFIX®NC

RECYFIX®MONOTEC

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SERVICE CHANNEL

FASERFIX®BIG SLG 300

Gratings

FASERFIX®BIG SLG 300, class F 900



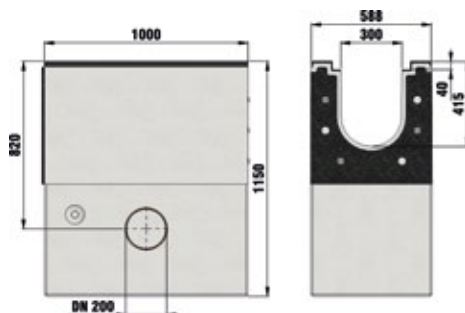
Ductile iron grating
SW 2 x 136/20 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating SW 2 x 136/20 mm, black, with plastic caps	500	377	40	1334	23,20	4061
Ductile iron grating, SW 2 x 136/20 mm, KTL-coated, with plastic caps	500	377	40	1334	23,20	4861

FASERFIX®BIG SLG 300

Accessories

Trash boxes



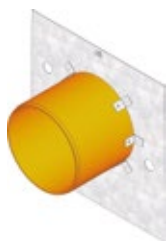
Trash box element, 2-parts,
with PVC-U socket and galvani-
sed mud bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element, 2-parts, with PVC-U socket and galvanised mud bucket	1000	588	1150	1275,00	4957

End caps



End cap closed,
type 010



End cap with horizontal
PVC-U pipe outlet DN/OD 315,
type 010

	Length mm	Width mm	Height mm	Weight kg	Item-No. galvanised	Item-No. stainless steel
End cap closed, type 010	-	588	600	5,50	4986	4982
End cap with horizontal PVC-U pipe outlet DN/OD 315, type 010	-	588	600	6,60	4998	4995

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

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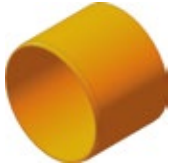
FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG SLG 300

Accessories

Further accessories



PVC-Connection
DN/OD 200

	Length mm	Width mm	Height mm	Weight kg	Item No.
Hexagon bolt with locking serration, stainless steel, M 10 x 50	-	-	-	0,00	99938
Caps for hexagon bolts	24	24	7	-	91100
PVC-Connection DN/OD 200	-	-	-	0,80	907
Universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,00	19051
Tubular pistol for universal sealant/adhesive Siga-Meltell® 220 black**	-	-	-	1,30	6891
Installation aid NW 300 (2 pieces required) - due to security reasons no return can be made	-	-	-	3,70	136242

**** Consumption of sealing material: approx. 155 ml per joint.**

FASERFIX®BIG SLG 300

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

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