FASERFIX SUPER

Drainage channels for extreme loads and high dynamic forces.





Racetrack „Sochi Autodrom“

FASERFIX SUPER

Drainage channels for extreme loads and high dynamic forces.

1 Requirements

Drainage channels in heavy traffic areas must

- withstand to extreme loads and high dynamic forces.
- be particularly stable to ensure a long-term security.
- be resistant to environmental influences. (frost, heat, moisture)

2 Application areas

- traffic areas for industry
- container terminals and ports
- roads and tunnels
- petrol stations and service areas
- airports

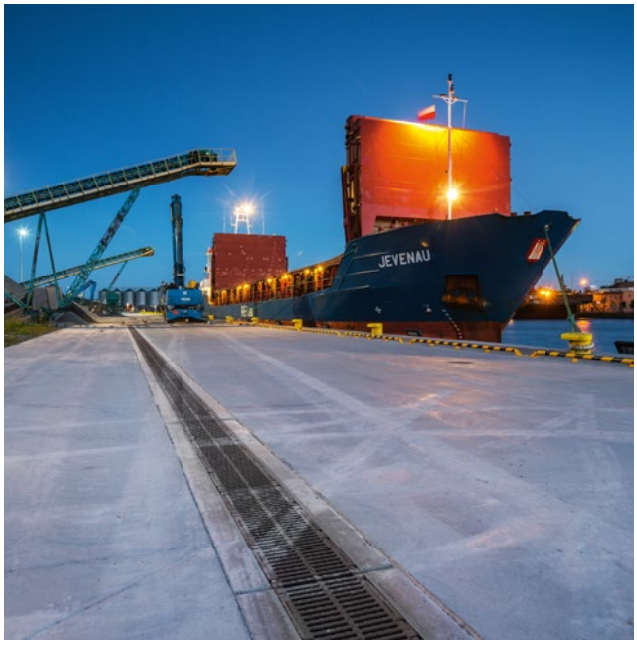
3 Solutions

Therefore FASERFIX SUPER channels offer solutions for any type of application in heavy duty traffic areas:

- large channels made from fibre-reinforced concrete
- corrosion-proof galvanised steel angle housing
- gratings up to class F 900 in accordance with DIN EN 1433
- grating securely located in 40 mm deep angle housings
- nominal sizes from 100 to 500 mm each in different heights
- boltless locking system SIDE-LOCK with additional eight bolt fixing per metre is possible
- safety joint for easy sealing



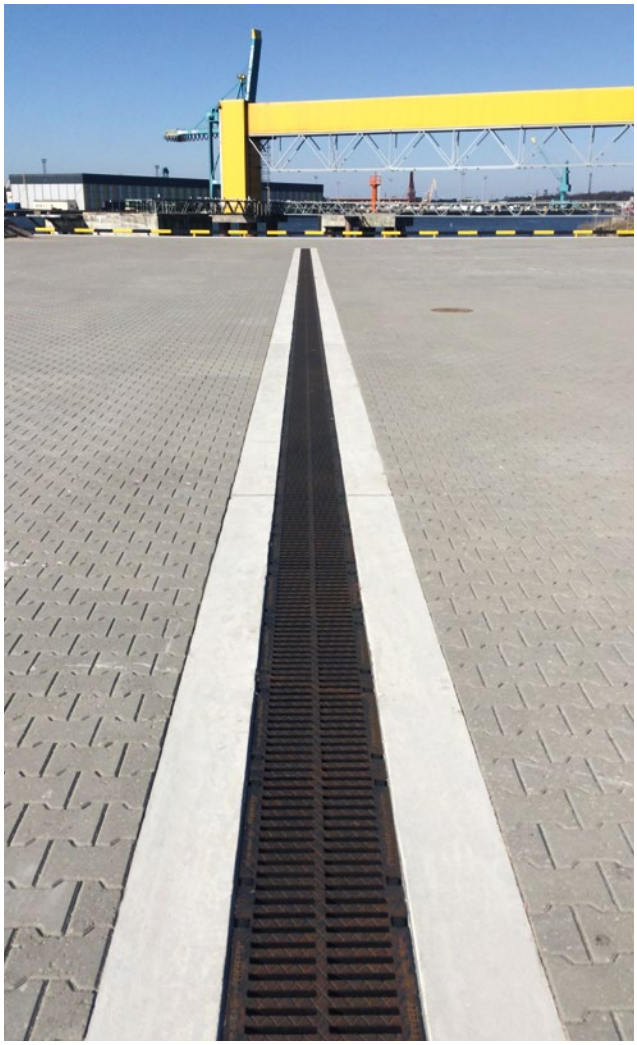
ADAC safe drive centre, Schlüsselfeld, Germany



Port in Gdansk, Poland



Airport Aulnat, France



Container terminal and port, Latvia



Traffic area for industry, Germany

FASERFIX SUPER

Drainage channels for extreme loads and high dynamic forces.

Maximum security through reliable drainage systems for „Sochi Autodrome“ racetrack.

FASERFIX SUPER channels withstand high dynamic forces and extreme conditions as was demonstrated at the „Grand Prix of Russia“ on the racetrack in Sochi. The 4,400 m of built-in FASERFIX channels offer the racers a high level of security during the Grand Prix. The track also runs through the Olympic Park and was designed by German racetrack expert Hermann Tilke. The project management team from HAURATON and Tilke implemented the surface drainage together.

FASERFIX THE ORIGINAL TESTED BY REALITY SINCE 1974

Particularly high demands:

- extreme loads on drainage channels due to suction effects of cars with maximum speeds over 300 km/h
- additional high loads by trucks and forklifts in the paddock, pit-lane and service areas
- exact installation of +/- 2 mm required
- problematic construction traffic resulted in requiring extremely high lateral stability of the channels
- upwardly open T and cross connections, so that the channels in the paddock can additionally be used as a cable channel
- installation of asphalt and paving construction directly to the channel corresponding to class D 400

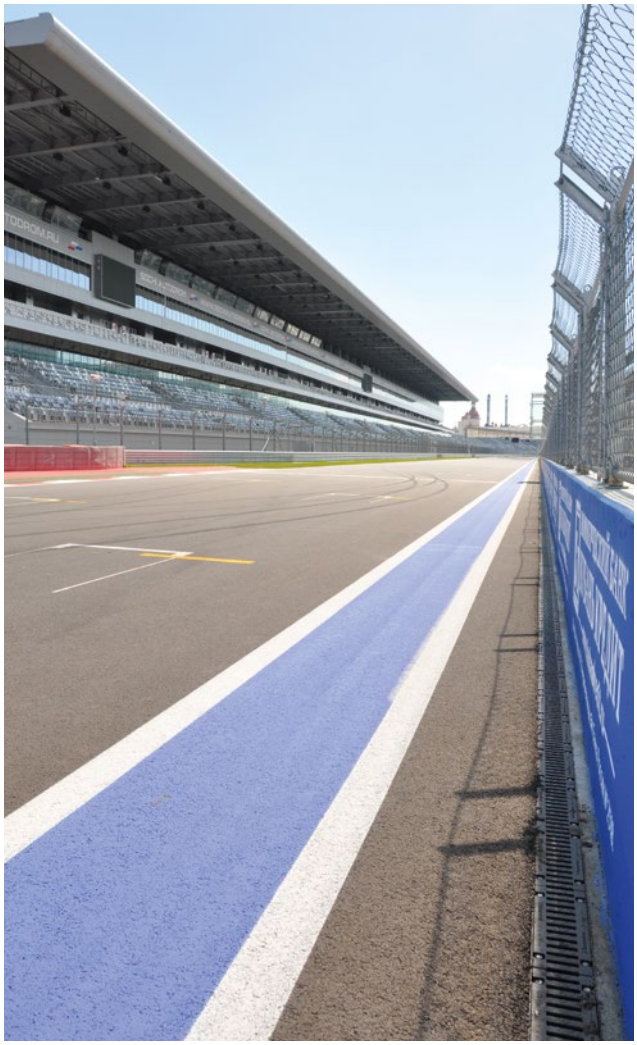
Drainage channels:

- 2,225 m FASERFIX SUPER channels (in racetrack area, T16-T18), over 2,100 m FASERFIX SUPER 150 and 200 (paddock area) and RECYFIX 150 with slotted cover (racetrack, T16-T18)
- channels were installed with customized special components

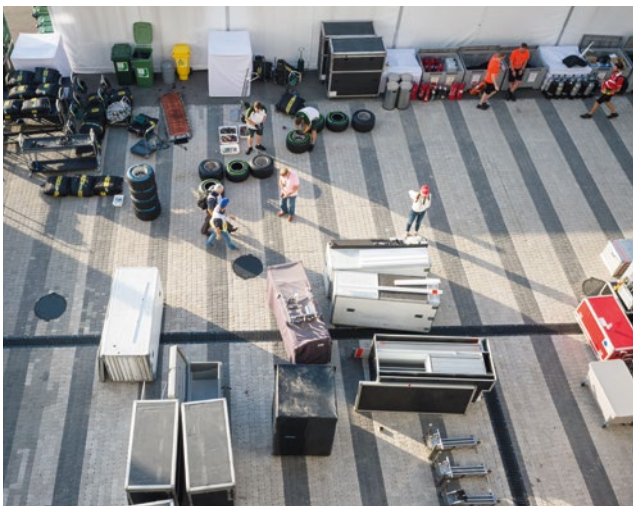












YOUR BENEFITS WITH **FASERFIX** SUPER

HIGH PERFORMANCE ANGLE HOUSING AND SIDE-LOCK

- 40 mm x 40 mm angle housing and inlaying grating
- extremely stable connection between steel angle housing and concrete channel body
- 16 fixing points for gratings per metre (incl. 8 times with optional bolting)
- extra protection against lateral movement
- 90 % time savings in fixing the grating with **SIDE-LOCK** (compared to a conventional fixing)
- replace and insert the grating without any special tool (if unbolted), a screwdriver is enough

= QUALITY ASSURED & COST SAVINGS



HIGH-TECH MATERIAL

- „Made in Germany“
- maximum stability through fibre - reinforced concrete (polypropylene fibres) with low weight
- adheres well to foundation concrete (same coefficient with regard to thermal expansion)
- installation without grating possible
- fire resistance class A1 (not flammable) according to DIN 4102

= QUALITY- & PERFORMANCE ASSURED



HIGH STABILITY

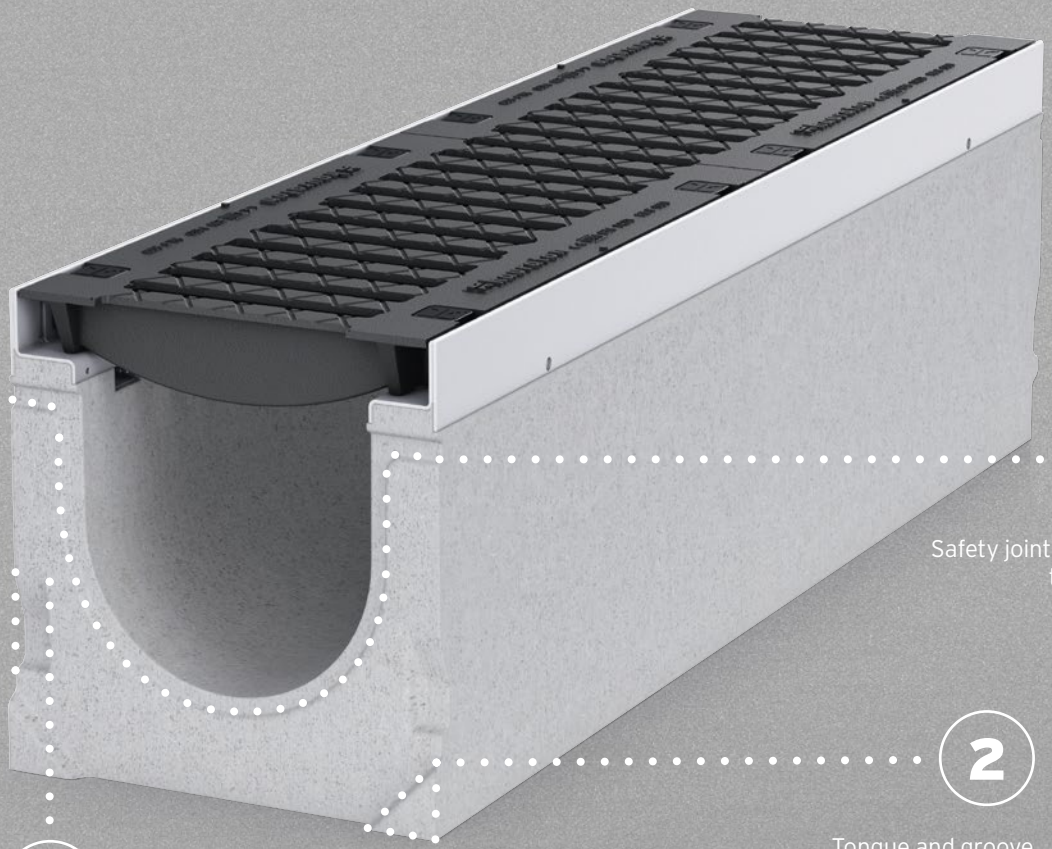
- maximum lateral stability through extra thick walls compared to many competitors‘ products for additional security in extreme situations
- installation for asphalted surface up to class E 600 without concrete stretcher

= PERFORMANCE ASSURED



IDEAL FOR ...

applications with heavy loads and high dynamic forces up to class F 900, such as traffic areas for industry, roads and petrol stations.



1 Anti floating

2 Tongue and groove connection

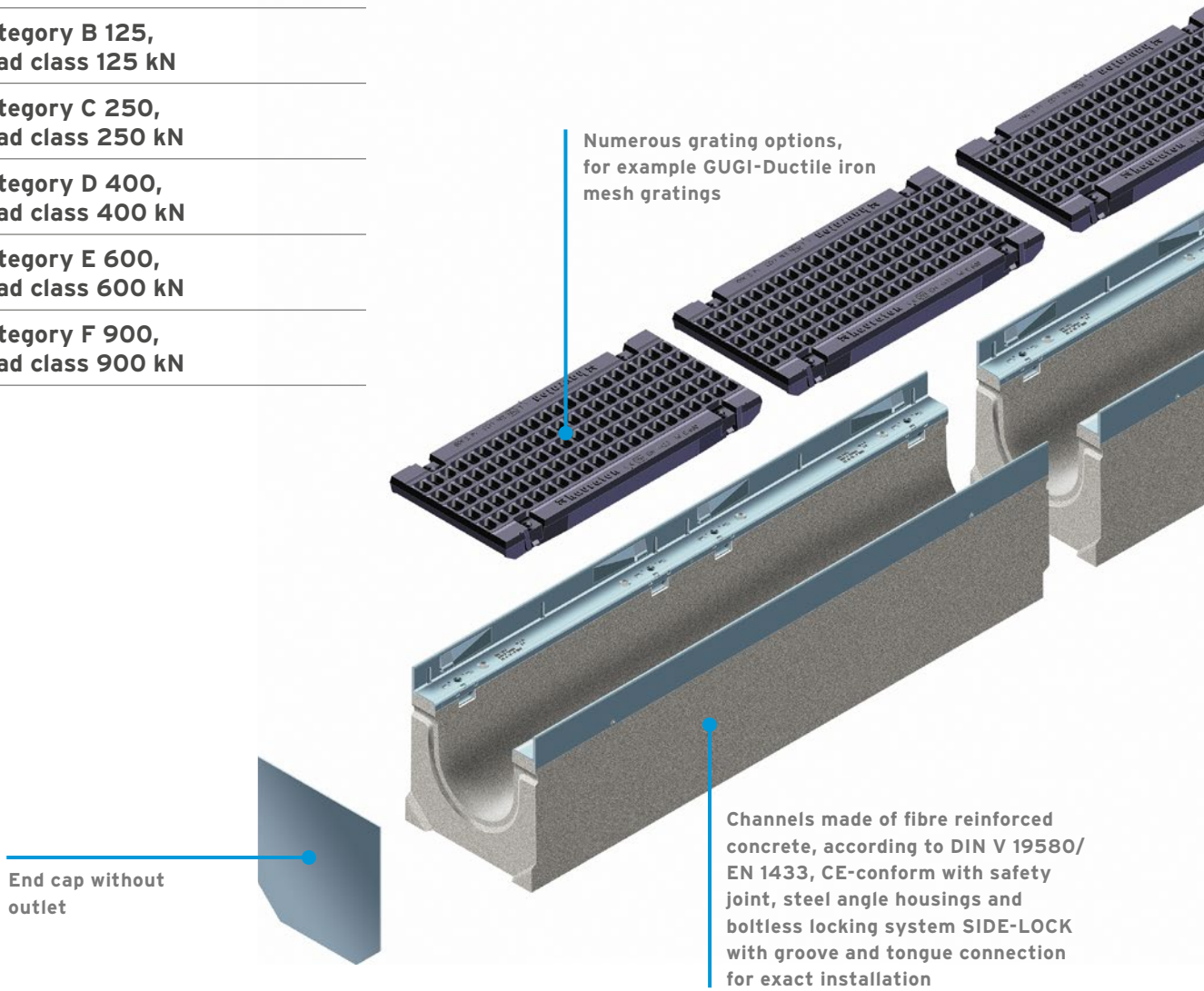
3 Safety joint according to EN 1433

FASERFIX SUPER

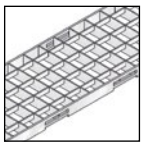
Drainage channels for extreme loads and high dynamic forces.

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

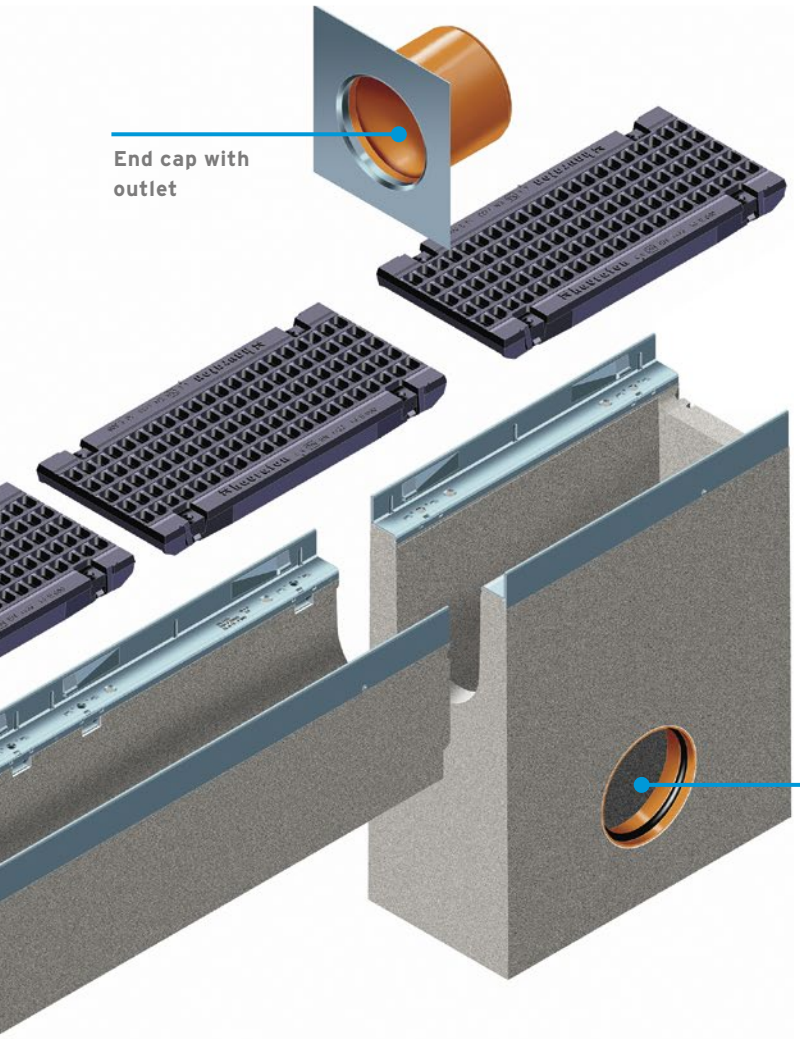
- **Category A 15, Load class 15 kN**
- **Category B 125, Load class 125 kN**
- **Category C 250, Load class 250 kN**
- **Category D 400, Load class 400 kN**
- **Category E 600, Load class 600 kN**
- **Category F 900, Load class 900 kN**



Grating options **FASERFIX** SUPER Channels

Load categories	Mesh grating* 	GUGI-Ductile iron mesh gratings* 	Ductile iron gratings* 	Solid covers* 
C 250	300		300	
D 400			100, 150, 200, 300, 400, 500	
E 600		150, 200, 300, 400	500	150, 200, 300, 400, 500
F 900		100	150, 200, 300, 400, 500	

* sizes are nominal widths



Widths and heights of **FASERFIX** SUPER:



Nominal sizes	100			150			200			300			400			500		
Type 01	190	190	190	240	255	195	290	305	240	390	415	345	490	540	455	590	630	540
Type 01E	-	-	-	240	255	195	290	305	240	390	415	345	490	540	455	-	-	-
Type 01H	-	-	-	-	-	-	-	-	-	390	630	545	490	630	545	-	-	-
Type 010	190	235	185	240	309	249	290	350	285	390	460	390	-	-	-	-	-	-
Type 010E	-	-	-	-	-	-	290	350	285	-	-	-	-	-	-	-	-	-
Type 020	190	285	235	-	-	-	290	400	335	390	510	440	-	-	-	-	-	-
Type 020E	-	-	-	240	369	309	290	400	335	-	-	-	-	-	-	-	-	-
available with built-in fall	**-**			**x**			**x**			**x**			**-**			**-**		

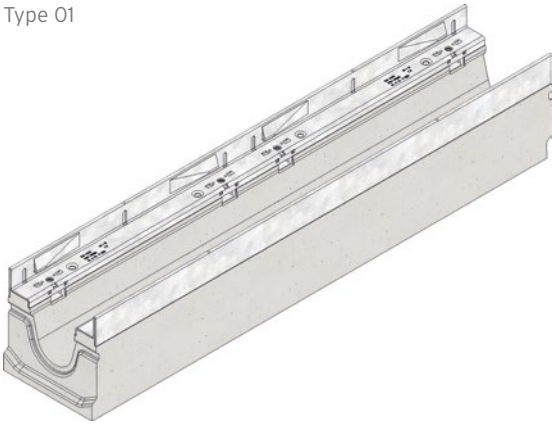
Width/Height/Inside height (in mm)

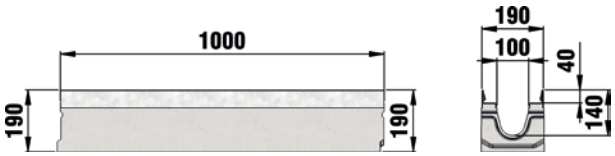
FASERFIX®SUPER 100

Channels

FASERFIX®SUPER 100 with galvanised angle housings, **up to load class F 900**

Type 01



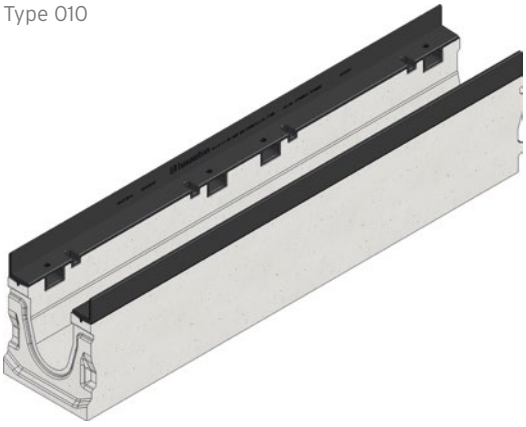


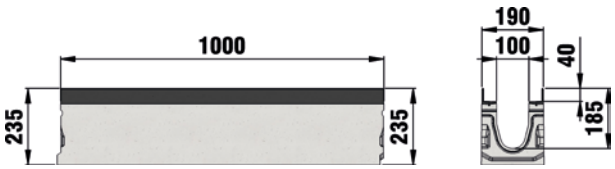
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	190	190	80	51,60	6000
Type 0105	500	190	190	80	25,30	6049
Type 01L with outlet, DN/OD 110*	1000	190	190	80	50,20	6045
Type 010	1000	190	235	125	61,00	6042
Type 01005	500	190	235	125	31,00	6050
Type 010L, with outlet, DN/OD 110*	1000	190	235	125	59,70	6046
Type 020	1000	190	285	175	70,50	6044
Type 02005	500	190	285	175	38,00	6048
Type 020L, with outlet, DN/OD 110*	1000	190	285	175	69,20	6047

*** Position of the opening to the bottom of the channel. 100 mm from the centre of the hole (DN/OD 110) to the end of the channel.**

FASERFIX®SUPER 100 with ductile iron angle housings, **up to load class F 900**

Type 010





	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	190	190	80	52,40	1400
Type 010	1000	190	235	125	61,30	1442
Type 01005	500	190	235	125	31,20	1450
Type 020	1000	190	285	175	73,40	1444

Bolting required - see further accessories

Gratings

FASERFIX®SUPER 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. cm²/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
Ductile iron grating, SW 94/16 mm, galvanised, with plastic caps	500	179	40	360	6,00	6683

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

FASERFIX®SUPER 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

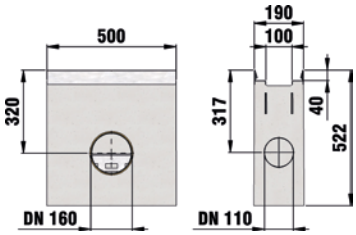
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
GUGI-Ductile iron mesh grating, MW 15/25 mm, black, with plastic caps	500	179	40	494	7,60	6060
GUGI Ductile iron mesh grating, MW 15/25 mm, KTL-coated, with plastic caps	500	179	40	494	7,60	6660

FASERFIX®SUPER 100

Accessories

Trash boxes





Trash box with galvanised mud bucket



Trash box with ductile iron angle housing and galvanised mud bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised mud bucket	500	190	522	59,00	6052
Trash box with ductile iron angle housing and galvanised mud bucket	500	190	522	62,10	1452

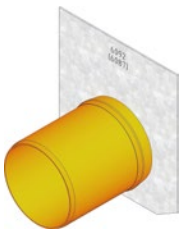
End caps



End cap closed, type 01



End cap closed, galvanised, type 010



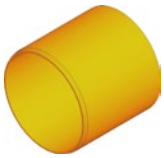
End cap with horizontal PVC-U pipe outlet galvanised, type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, type 01	-	190	165	0,50	6081
End cap closed, galvanised, type 010	-	190	210	0,60	6082
End cap closed, galvanised, type 020	-	190	260	0,80	6083
End cap with horizontal PVC-U pipe outlet galvanised, type 010	-	190	210	0,70	6092
End cap with horizontal PVC-U pipe outlet galvanised, type 020	-	190	260	0,80	6093

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

FASERFIX®SUPER 100

Further accessories



PVC-U pipe connection element DN/OD 160



Mud bucket vertical made of modified composite for outlet DN/OD 110, black



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 with hole	-	-	103	0,20	964
PVC-U pipe connection element DN/OD 160	-	-	-	0,50	906
Mud bucket vertical made of modified composite for outlet DN/OD 110, black	100	100	85	0,00	40293
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 for channel type 020: approx. 85 ml per joint.**

Factory-made services



Cutting to length of NW 100



Mitre cuts NW 100 (price per cut, two cuts necessary)



Cutting for gradient for all nominal widths



Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)

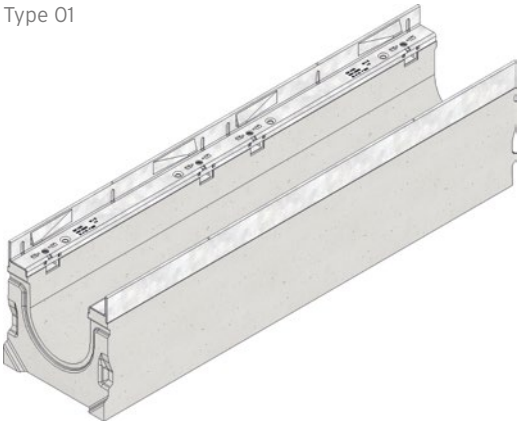
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 100	-	-	-	-	990
Mitre cuts NW 100 (price per cut, two cuts necessary)	-	-	-	-	995
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 110	-	-	-	-	972
Factory-made insertion of modified PP union connectors DN/OD 75 (incl. drilling)	-	-	-	-	981
Factory-made insertion of PVC-U union connectors DN/OD 110 (incl. drilling)	-	-	-	-	982
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704

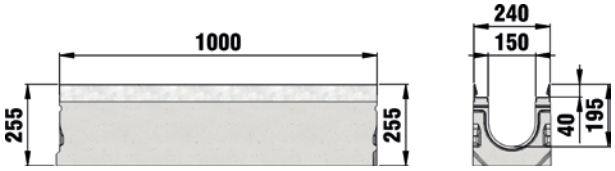
FASERFIX®SUPER 150

Channels

FASERFIX®SUPER 150 with galvanised angle housings, **up to load class F 900**

Type 01





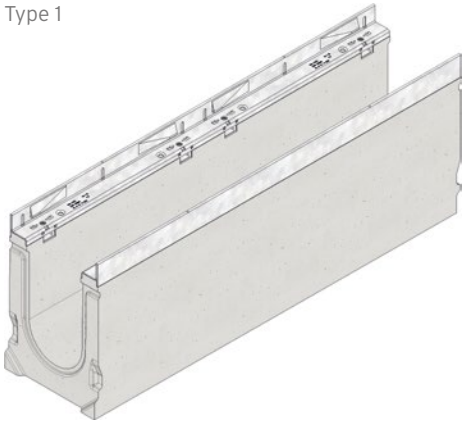
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	240	255	212	75,00	2000
Type 01L with hole, DN/OD 160*	1000	240	255	212	77,00	2035
Type 0105	500	240	255	212	37,00	2049
Type 010	1000	240	309	289	85,80	2042
Type 010L with hole, DN/OD 160*	1000	240	309	289	89,00	2036
Type 020	1000	240	369	383	98,00	2044
Type 020L with hole, DN/OD 160*	1000	240	369	383	103,00	2037
Type 01 E	1000	240	255	223	80,00	2105

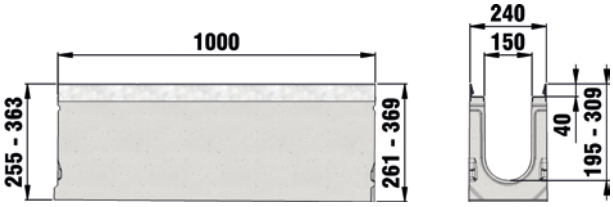
*** Position of the opening to the bottom of the channel. 130 mm from the centre of the hole (DN/OD 160) to the end of the channel.**

FASERFIX®SUPER 150

FASERFIX®SUPER 150 with built-in fall 0.6 %, **up to load class F 900**

Type 1





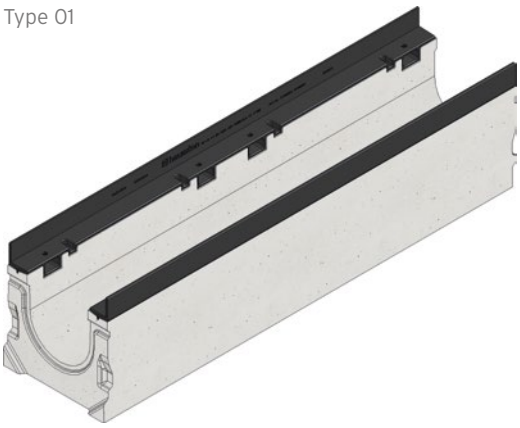
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 1	1000	240	255 - 261	212	80,00	2001
Type 2	1000	240	261 - 267	221	81,50	2002
Type 3	1000	240	267 - 273	230	83,00	2003
Type 4	1000	240	273 - 279	239	84,50	2004
Type 5	1000	240	279 - 285	248	86,00	2005
Type 6	1000	240	285 - 291	257	87,50	2006
Type 7	1000	240	291 - 297	266	89,00	2007
Type 8	1000	240	297 - 303	275	90,50	2008
Type 9	1000	240	303 - 309	284	92,00	2009
Type 10	1000	240	309 - 315	293	93,50	2010
Type 11	1000	240	315 - 321	302	95,00	2011
Type 12	1000	240	321 - 327	311	96,50	2012
Type 13	1000	240	327 - 333	320	98,00	2013
Type 14	1000	240	333 - 339	329	99,50	2014
Type 15	1000	240	339 - 345	338	101,00	2015
Type 16	1000	240	345 - 351	347	102,50	2016
Type 17	1000	240	351 - 357	356	104,00	2017
Type 18	1000	240	357 - 363	365	105,50	2018
Type 19	1000	240	363 - 369	374	107,00	2019

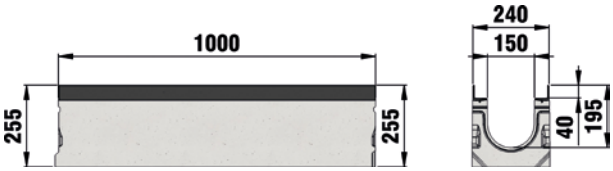
FASERFIX®SUPER 150

Channels

FASERFIX®SUPER 150 with ductile iron angle housings, **up to load class F 900**

Type 01





	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	240	255	212	75,00	2400
Type 0105	500	240	255	212	39,20	2449
Type 010	1000	240	309	289	89,00	2442
Type 020	1000	240	369	383	97,60	2444

Bolting required - see further accessories

Gratings

FASERFIX®SUPER 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. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 150/18 mm, black, with plastic caps	500	229	40	624	7,50	2463
Ductile iron grating, SW 170/18 mm, black, KTL-coated, with plastic caps	500	229	40	624	7,50	2483
Ductile iron grating, SW 150/18 mm, gavanlised, with plastic caps	500	229	40	624	7,40	2493

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

Gratings

FASERFIX®SUPER 150, class E 600



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



Solid ductile iron cover, black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/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
Solid ductile iron cover, black, with plastic caps	500	229	40	-	10,70	2262

FASERFIX®SUPER 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. cm²/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

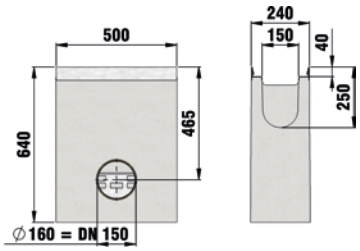
FASERFIX®SUPER 150

Accessories

Trash boxes



Trash box with galvanised bucket



	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised bucket	500	240	640	90,30	2052
Trash box with ductile iron angle housing and galvanised mud bucket	500	240	640	87,50	2452

End caps



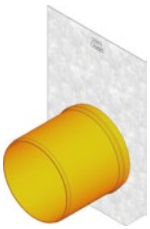
End cap closed, galvanised, type 01



End cap closed, galvanised, type 010



End cap closed, galvanised, type 020



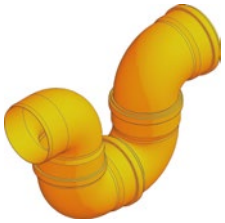
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	240	255	0,90	2081
End cap closed, galvanised, type 010	-	240	309	1,10	2082
End cap closed, galvanised, type 020	-	240	369	1,40	2083
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, typ 01	-	240	255	1,00	2091
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 010	-	240	309	1,20	2092
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020	-	240	369	1,70	2093

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

FASERFIX®SUPER 150

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 for channel type 020: approx. 94 ml per joint.**

Factory-made services



Cutting to length of NW 150



Cutting for gradient for all nominal widths



Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)

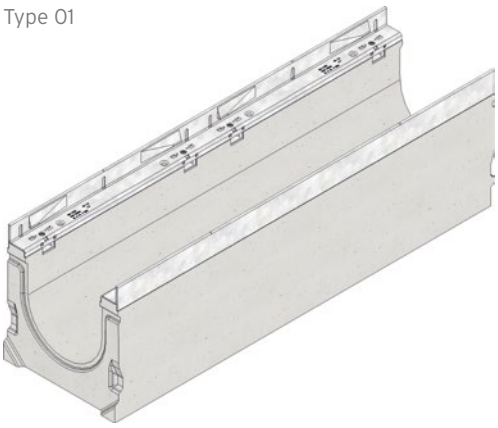
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 150	-	-	-	-	991
Mitre cuts NW 150 (price per cut, two cuts necessary)	-	-	-	-	996
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 160	-	-	-	-	973
Factory-made insertion of PVC-U union connectors DN/OD 160 (incl. drilling)	-	-	-	-	983
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704

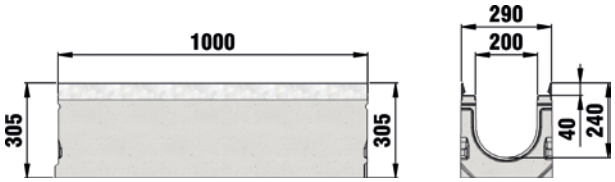
FASERFIX®SUPER 200

Channels

FASERFIX®SUPER 200 with galvanised angle housings, **up to load class F 900**

Type 01





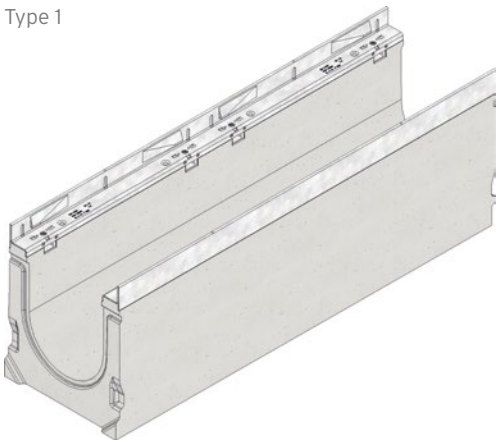
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	290	305	362	96,80	3000
Type 0105	500	290	305	362	49,00	3049
Type 01L with hole, DN/OD 200*	1000	290	305	362	99,00	3035
Type 010	1000	290	350	447	107,10	3042
Type 010L with hole, DN/OD 200*	1000	290	350	447	114,00	3036
Type 020	1000	290	400	552	113,70	3044
Type 020L with hole, DN/OD 200*	1000	290	400	552	125,00	3037
Type 01 E	1000	290	305	386	104,50	3105
Type 010 E	1000	290	350	473	113,50	3106
Type 020 E	1000	290	400	568	124,50	3107

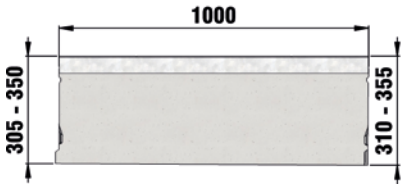
*** Position of the opening to the bottom of the channel. 200 mm from the centre of the hole (DN/OD 200) to the end of the channel.**

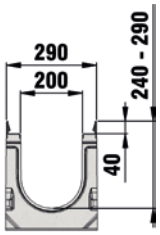
FASERFIX®SUPER 200

FASERFIX®SUPER 200 with built-in fall 0.5 %, **up to load class F 900**

Type 1







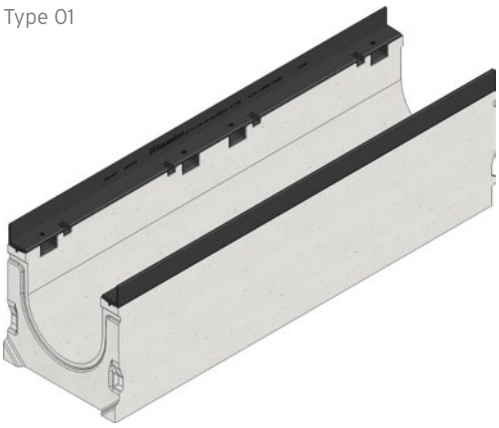
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 1	1000	290	305 - 310	362	105,00	3001
Type 2	1000	290	310 - 315	372	106,00	3002
Type 3	1000	290	315 - 320	382	107,00	3003
Type 4	1000	290	320 - 325	392	108,00	3004
Type 5	1000	290	325 - 330	402	109,00	3005
Type 6	1000	290	330 - 335	412	110,00	3006
Type 7	1000	290	335 - 340	422	111,00	3007
Type 8	1000	290	340 - 345	432	112,00	3008
Type 9	1000	290	345 - 350	442	113,00	3009
Type 10	1000	290	350 - 355	452	114,00	3010
Type 11	1000	290	355 - 360	462	116,00	3011
Type 12	1000	290	360 - 365	472	117,00	3012
Type 13	1000	290	365 - 370	482	118,00	3013
Type 14	1000	290	370 - 375	492	119,00	3014
Type 15	1000	290	375 - 380	502	120,00	3015
Type 16	1000	290	380 - 385	512	121,00	3016
Type 17	1000	290	385 - 390	522	122,00	3017
Type 18	1000	290	390 - 395	532	123,00	3018
Type 19	1000	290	395 - 400	542	124,00	3019

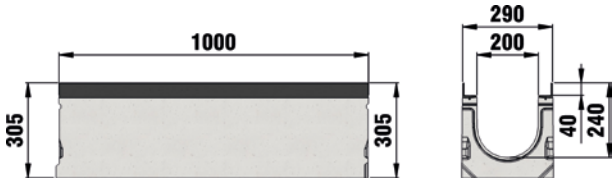
FASERFIX®SUPER 200

Channels

FASERFIX®SUPER 200 with ductile iron angle housings, **up to load class F 900**

Type 01





	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	290	305	362	96,70	3400
Type 0105	500	290	305	362	50,20	3449
Type 010	1000	290	350	447	106,50	3442
Type 020	1000	290	400	552	126,40	3444

Bolting required - see further accessories

Gratings

FASERFIX®SUPER 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. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 170/18 mm, black, with plastic caps	500	279	40	732	9,30	3463
Ductile iron grating, SW 170/18 mm, black, KTL-coated, with plastic caps	500	279	40	732	9,30	3483
Ductile iron grating SW 170/18 mm, galvanised, with plastic caps	500	279	40	732	9,30	3493

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

Gratings

FASERFIX®SUPER 200, class E 600



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



Solid ductile iron cover, black, with plastic caps



Solid ductile iron cover, KTL-coated, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	279	40	818	12,70	3068
GUGI-Ductile iron mesh grating, MW 15/25 mm, KTL-coated, with plastic caps	500	279	40	818	12,60	3868
Solid ductile iron cover, black, with plastic caps	500	279	40	-	13,40	3262
Solid ductile iron cover, KTL-coated, with plastic caps	500	279	40	-	13,60	3962

FASERFIX®SUPER 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

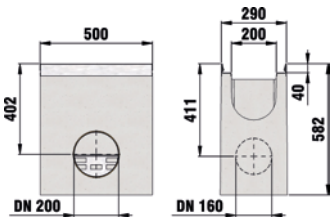
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	279	40	833	13,60	3061
Ductile iron grating SW 20 mm, KTL-coated, with plastic caps	500	279	40	833	13,70	3861

FASERFIX®SUPER 200

Accessories

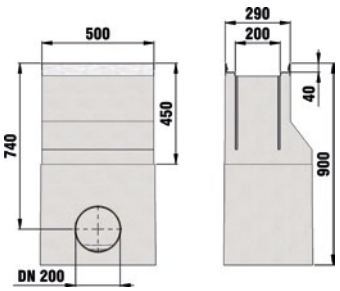
Trash boxes





Trash box with galvanised bucket





Trash box, 2-pieces with galvanised bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised bucket	500	290	582	92,00	3052
Trash box, 2-pieces with galvanised bucket	500	290	900	190,50	3054
Trash box with ductile iron angle housing and galvanised mud bucket	500	290	582	88,50	3452
Trash box, 2-pieces with ductile iron angle housing and galvanised mud bucket	500	290	900	196,50	3454

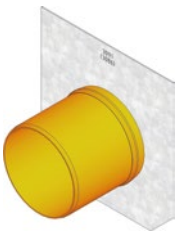
End caps



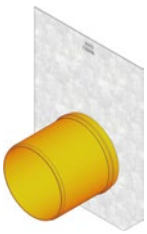
End cap closed, galvanised, type 010



End cap closed, galvanised, type 020



End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 01

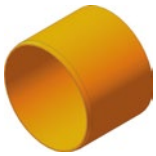


End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	290	305	1,40	3081
End cap closed, galvanised, type 010	-	290	350	1,70	3082
End cap closed, galvanised, type 020	-	290	400	1,90	3083
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 01	-	290	305	1,50	3091
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020	-	290	400	1,80	3093

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

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 for channel type 020: approx. 105 ml per joint.**

Factory-made services



Cutting to length
of NW 200



Cutting for gradient
for all nominal widths



Drilling of connecting holes
DN/OD 200



Factory-made insertion
of PVC-U union connectors
DN/OD 200

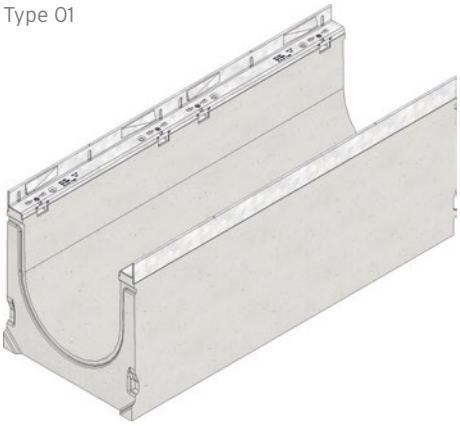
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 200	-	-	-	-	992
Mitre cuts NW 200 (price per cut, two cuts necessary)	-	-	-	-	997
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 200	-	-	-	-	974
Factory-made insertion of PVC-U union connectors DN/OD 200	-	-	-	-	984
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704

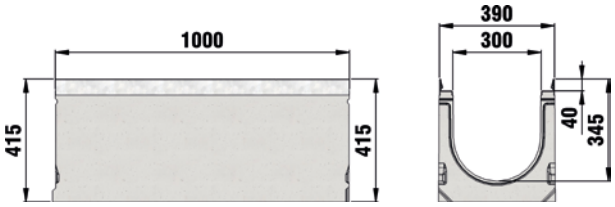
FASERFIX®SUPER 300

Channels

FASERFIX®SUPER 300 with galvanised angle housings, **up to load class F 900**

Type 01





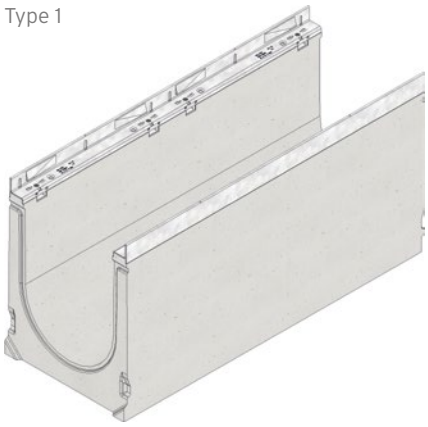
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	390	415	803	153,10	4000
Type 0105	500	390	415	803	75,00	4001
Type 01L with outlet, DN/OD 200*	1000	390	415	803	149,30	4045
Type 010	1000	390	460	938	160,30	4242
Type 020	1000	390	510	1088	173,10	4244
Type 01 H	1000	390	630	1202	251,00	4044
Type 01 E	1000	390	415	900	133,70	4105

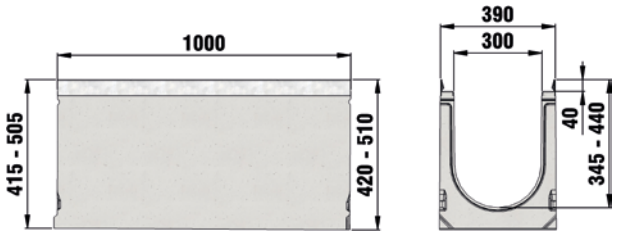
*** Position of the opening to the bottom of the channel. 200 mm from the centre of the hole (DN/OD 200) to the end of the channel.**

FASERFIX®SUPER 300

FASERFIX®SUPER 300 with galvanised angle housings, with built-in fall 0.5%, up to loading class F 900

Type 1





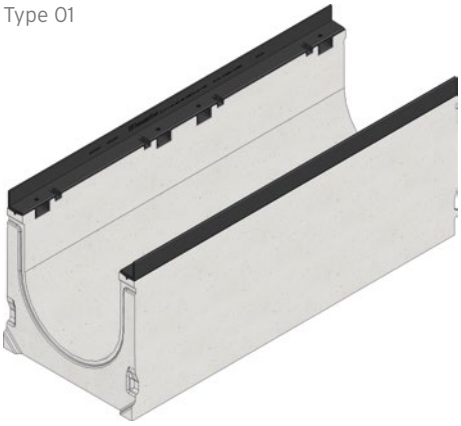
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 1	1000	390	415 - 420	811	151,00	4201
Type 2	1000	390	420 - 425	826	152,00	4202
Type 3	1000	390	425 - 430	841	153,00	4203
Type 4	1000	390	430 - 435	856	154,00	4204
Type 5	1000	390	435 - 440	871	155,00	4205
Type 6	1000	390	440 - 445	886	156,00	4206
Type 7	1000	390	445 - 450	901	157,00	4207
Type 8	1000	390	450 - 455	916	158,00	4208
Type 9	1000	390	455 - 460	931	159,00	4209
Type 10	1000	390	460 - 465	946	160,00	4210
Type 11	1000	390	465 - 470	961	161,00	4211
Type 12	1000	390	470 - 475	976	162,00	4212
Type 13	1000	390	475 - 480	991	163,00	4213
Type 14	1000	390	480 - 485	1006	164,00	4214
Type 15	1000	390	485 - 490	1021	165,00	4215
Type 16	1000	390	490 - 495	1036	166,00	4216
Type 17	1000	390	495 - 500	1051	167,00	4217
Type 18	1000	390	500 - 505	1066	168,00	4218
Type 19	1000	390	505 - 510	1081	169,00	4219

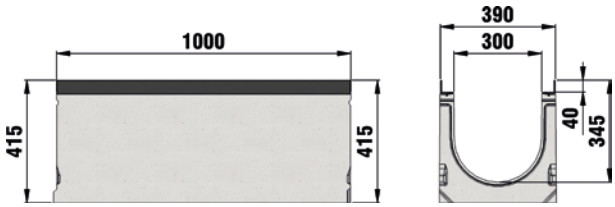
FASERFIX®SUPER 300

Channels

FASERFIX®SUPER 300 with ductile iron angle housings, **up to load class F 900**

Type 01





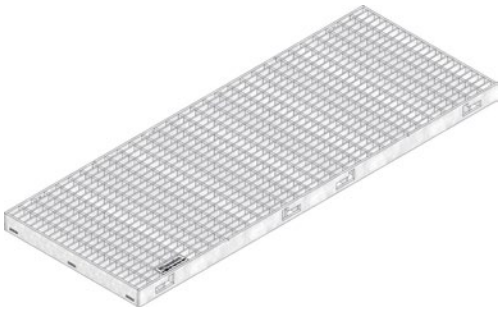
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	390	415	803	154,40	4600
Type 0105	500	390	415	803	79,60	4649
Type 01H	1000	390	630	1202	262,10	4644

Bolting required - see further accessories

FASERFIX®SUPER 300

Gratings

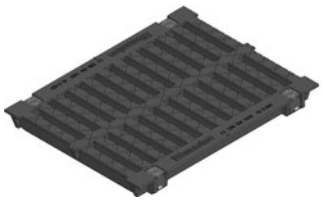
FASERFIX®SUPER 300, class C 250



Mesh grating MW 30/15 mm, galvanised

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Mesh grating MW 30/15 mm, galvanised	1000	377	40	2127	32,10	4075
Mesh grating MW 30/15 mm, galvanised	500	377	40	2127	17,00	4076

FASERFIX®SUPER 300, class D 400*



Ductile iron grating, SW 2 x136/18 mm, black, with plastic caps

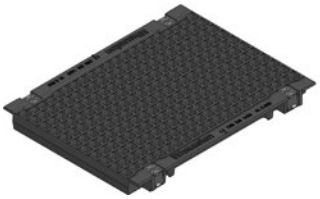
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 2 x 136/18 mm, black, with plastic caps	500	377	40	1150	16,90	4563
Ductile iron grating, SW 2 x 136/18 mm, KTL-coated, with plastic caps	500	377	40	1150	16,90	4543

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

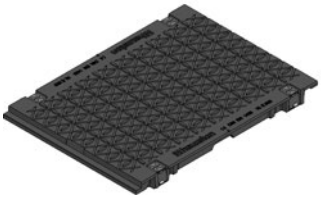
FASERFIX®SUPER 300

Gratings

FASERFIX®SUPER 300, class E 600



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



Solid ductile iron cover, black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
GUGI-Ductile iron mesh gratlng 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
Solid ductile iron cover, black, with plastic caps	500	377	40	-	20,70	4262

FASERFIX®SUPER 300, class F 900



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

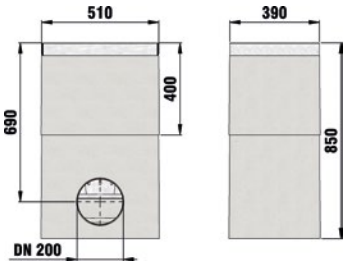
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 2 x 136/20 mm, black, with plastic caps	500	377	40	1334	23,20	4061
Ductile iron grating, SW 2 x 136/20 mm, KTL-coated, with plastic caps	500	377	40	1334	23,20	4861

Accessories

Trash boxes



Trash box, two parts, without grating





Extension part

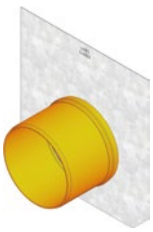
	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box, two parts, without grating	510	390	850	183,50	4050
Trash box, 2-pieces with ductile iron angle housing and galvanised mud bucket	510	390	850	216,50	4652
Extension part	510	390	400	81,70	4054
Trash box 2-parts with PE-HD pipe, ductile iron angle housing and gate valve	510	390	850	217,00	4660

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

End caps



End cap closed, galvanised, type 01



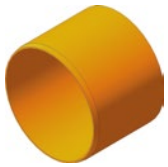
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	390	415	2,50	4081
End cap closed, galvanised, type 01H	-	390	630	3,80	4083
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, type 01	-	390	415	2,80	4085
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, type 01H	-	390	630	4,50	4088

FASERFIX®SUPER 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 for channel type 01H: approx. 169 ml per joint.**

FASERFIX®SUPER 300

Factory-made services



Cutting to length of NW 300



Mitre cuts NW 300 (price per cut, two cuts necessary)



Cutting for gradient for all nominal widths



Drilling of connecting holes DN/OD 200



Factory-made insertion of PVC-U union connectors DN/OD 200



Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)

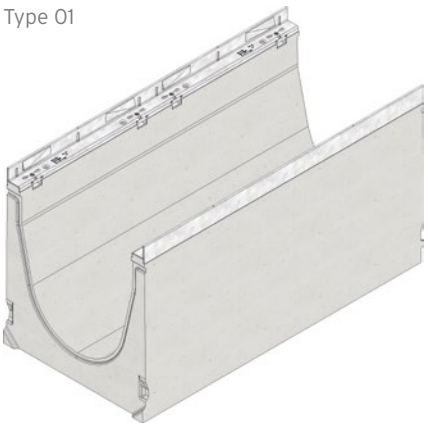
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 300	-	-	-	-	993
Mitre cuts NW 300 (price per cut, two cuts necessary)	-	-	-	-	998
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 200	-	-	-	-	974
Factory-made insertion of PVC-U union connectors DN/OD 200	-	-	-	-	984
Drilling of connection holes DN/OD 315	-	-	-	-	978
Factory-made insertion of PVC-U union connectors DN/OD 315 (incl. driling)	-	-	-	-	979
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704

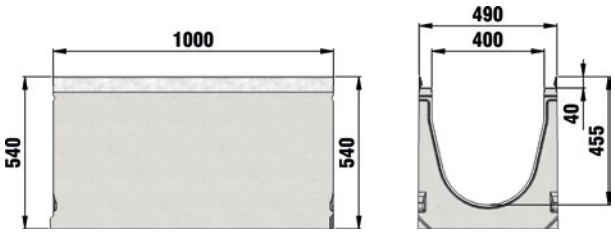
FASERFIX®SUPER 400

Channels

FASERFIX®SUPER 400 with galvanised angle housings, **up to load class F 900**

Type 01





	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	490	540	1383	254,00	4111
Type 01L with outlet, DN/OD 200*	1000	490	540	1383	241,50	4112
Type 01H	1000	490	630	1758	258,40	4116
Type 01E	1000	490	540	1498	255,00	4011

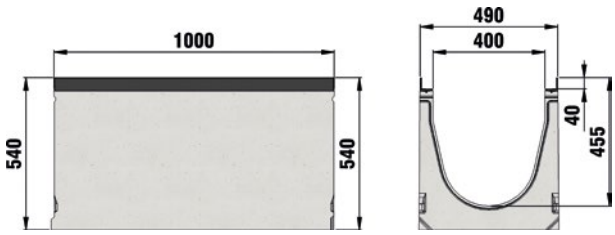
*** Position of the opening to the bottom of the channel. 200 mm from the centre of the hole (DN/OD 200) to the end of the channel.**

FASERFIX®SUPER 400

FASERFIX®SUPER 400 with ductile iron angle housings, **up to load class F 900**

Type 01





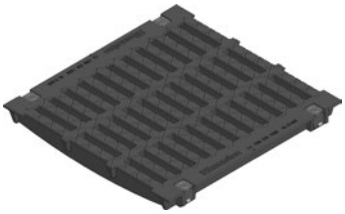
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	490	540	1383	248,10	9200
Type 01H	1000	490	630	1758	267,10	9244

Bolting required - see further accessories

FASERFIX®SUPER 400

Gratings

FASERFIX®SUPER 400, class D 400*

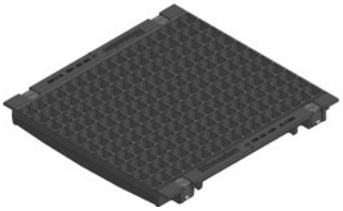


Ductile iron grating,
SW 18 mm, black,
with plastic caps

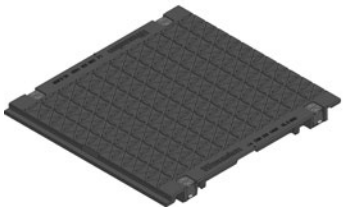
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 18 mm, black, with plastic caps	500	477	40	1420	25,40	4663

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

FASERFIX®SUPER 400, class E 600



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



Solid ductile iron cover,
black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	477	40	1634	30,00	4168
Solid ductile iron cover, black, with plastic caps	500	477	40	-	32,00	4362

FASERFIX®SUPER 400

FASERFIX®SUPER 400, class F 900



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

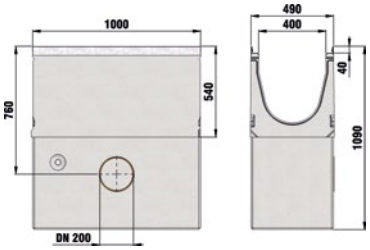
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 20 mm, black, with plastic caps	500	477	40	1618	38,70	4161

FASERFIX®SUPER 400

Accessories

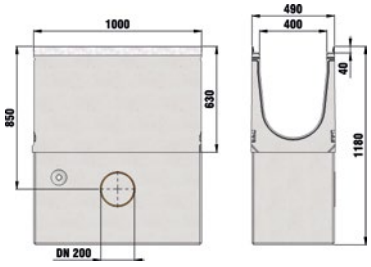
Trash boxes





Trash box element
with galvanised mud bucket
for type 01*





Trash box element
with galvanised mud bucket
for type 01 H

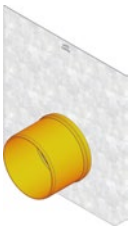
	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element with galvanised mud bucket for type 01*	1000	490	1090	847,00	4120
Trash box element with galvanised mud bucket for type 01 H	1000	490	1180	852,00	4125

*** For positioning at the end of channel run, a closed end cap is required.**

End caps



End cap closed, galvanised,
type 01

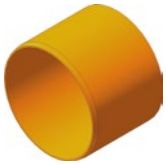


End cap with horizontal
PVC-U pipe outlet DN/OD 200,
galvanised, type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	490	540	4,10	4091
End cap closed, galvanised, type 01H	-	490	630	4,80	4092
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, type 01	-	490	540	5,20	4093
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, typ 01H	-	490	630	5,20	4097
End cap with horizontal PVC-U pipe outlet DN/OD 315, galvanised, type 01	-	490	540	5,20	42497

FASERFIX®SUPER 400

Further accessories



PVC-Connection
DN/OD 200



Installation aid NW 400
(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
Philipp Spherical Head Lifting Clutch, 80-HKD-025, for laying trash boxes, galvanised, 2 pieces required	-	-	-	1,50	708
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 400 (2 pieces required) - due to security reasons no return can be made	-	-	-	5,20	136304

**** Consumption for channel type 01H: approx. 172 ml per joint.**

Factory-made services



Cutting to length
of NW 400



Cutting for gradient
for all nominal widths



Drilling of connecting holes
DN/OD 200



Fixing-system EP, empty pipe
in the channel bottom,
(2 pieces per metre)

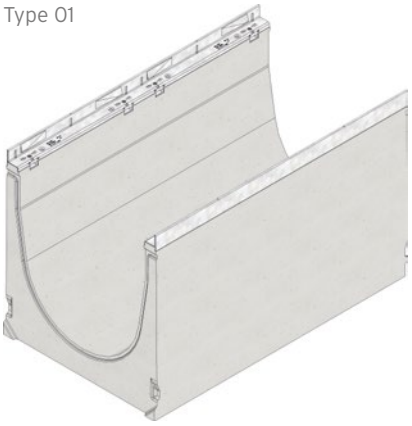
	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 400	-	-	-	-	985
Mitre cuts NW 400 (price per cut, two cuts necessary)	-	-	-	0,00	949
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 200	-	-	-	-	974
Factory-made insertion of PVC-U union connectors DN/OD 200	-	-	-	-	984
Drilling of connection holes DN/OD 315	-	-	-	-	978
Factory-made insertion of PVC-U union connectors DN/OD 315 (incl. driling)	-	-	-	-	979
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704

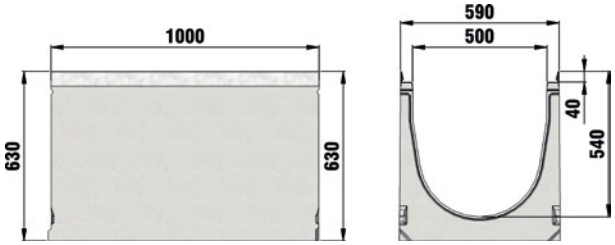
FASERFIX®SUPER 500

Channels

FASERFIX®SUPER 500 with galvanised angle housings, **up to load class F 900**

Type 01





	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	590	630	2141	302,60	4121
Type 01L with outlet, DN/OD 200*	1000	590	630	2141	303,70	4122

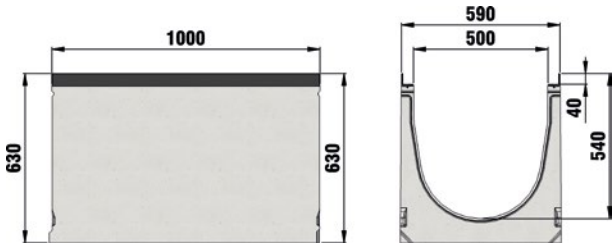
*** Position of the opening to the bottom of the channel. 200 mm from the centre of the hole (DN/OD 200) to the end of the channel.**

FASERFIX®SUPER 500

FASERFIX®SUPER 500 with ductile iron angle housings, **up to load class F 900**

Type 01





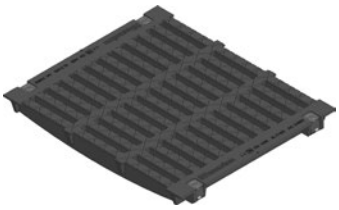
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm²	Weight kg	Item No.
Type 01	1000	590	630	2141	308,80	9300

Bolting required - see further accessories

FASERFIX®SUPER 500

Gratings

FASERFIX®SUPER 500, class D 400*

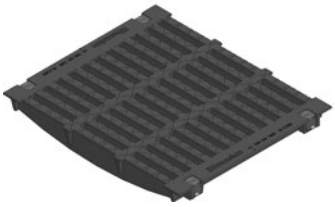


Ductile iron grating,
SW18 mm, black,
with plastic caps

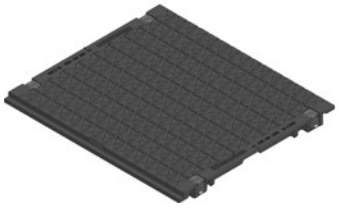
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 18 mm, black, with plastic caps	500	577	40	1808	32,50	4683

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

FASERFIX®SUPER 500, class E 600



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

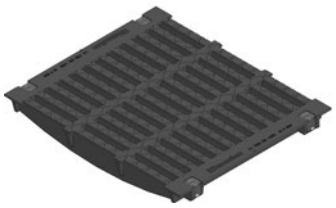


Solid ductile iron cover,
black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	577	40	2061	45,00	4182
Solid ductile iron cover, black, with plastic caps	500	577	40	-	43,40	4462

FASERFIX®SUPER 500

FASERFIX®SUPER 500, class F 900



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

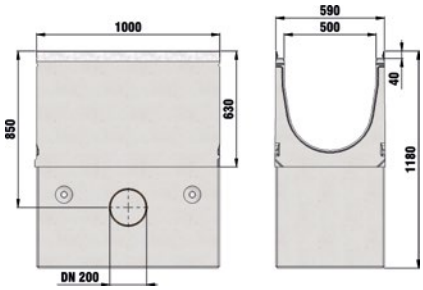
	Length mm	Width mm	Height mm	Intake cross-sect. cm²/m	Weight kg	Item No.
Ductile iron grating, SW 20 mm, black, with plastic caps	500	577	40	2061	46,50	4181
Ductile iron grating SW 3 x 140 x 20 mm, black, KTL-coated, with plastic caps	500	577	40	2061	41,70	5381

FASERFIX®SUPER 500

Accessories

Trash boxes





Trash box element
with galvanised mud bucket
for type 01*

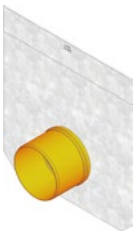
	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element with galvanised mud bucket for type 01*	1000	590	1180	1031,00	4130

*** For positioning at the end of channel run, a closed end cap is required.**

End caps



End cap closed, galvanised,
type 01

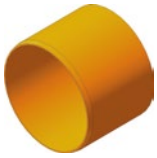


End cap with horizontal
PVC-U pipe outlet DN/OD 200,
galvanised, type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	590	630	6,80	4096
End cap with horizontal PVC-U pipe outlet DN/OD 200, galvanised, type 01	-	590	630	8,00	4095

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

Further accessories



PVC-Connection
DN/OD 200



Installation aid NW 500
(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
Philipp Spherical Head Lifting Clutch, 80-HKD-025, for laying trash boxes, galvanised, 2 pieces required	-	-	-	1,50	708
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 500 (2 pieces required) - due to security reasons no return can be made	-	-	-	6,50	136366

**** Consumption for channel type 01: approx. 184 ml per joint.**

Factory-made services



Cutting to length
of NW 500



Cutting for gradient
for all nominal widths



Drilling of connecting holes
DN/OD 200



Factory-made insertion
of PVC-U union connectors
DN/OD 200

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length of NW 500	-	-	-	-	989
Mitre cuts NW 500 (price per cut, two cuts necessary)	-	-	-	0,00	959
Cutting for gradient for all nominal widths	-	-	-	-	890
Drilling of connecting holes DN/OD 200	-	-	-	-	974
Factory-made insertion of PVC-U union connectors DN/OD 200	-	-	-	-	984
Drilling of connection holes DN/OD 315	-	-	-	-	978
Factory-made insertion of PVC-U union connectors DN/OD 315 (incl. driling)	-	-	-	-	979
Fixing-system EP, empty pipe in the channel bottom, (2 pieces per metre)	-	-	-	-	703
steel bars for fixing system EP (2 pieces per metre)	-	-	-	-	704