

HYDROTEC

DRAINAGE CHANNELS

SYSTEM MAXI F1

Drainage channel for heavy loads



SYSTEM MAXI F1

Product benefits

Drainage channel with special locking system

MAXI F1 is the drainage channel system for applications with extremely demanding security requirements. Perfect for industrial areas, airport surfaces, racing tracks and docks.



Special locking system

Two special screw bars per grating guarantee traffic safety in all load classes and ensure that the MAXI F1 also satisfies the highest safety requirements.



High load capacity up to class F 900

The absorption of maximum undertow and brake forces in combination with sufficient fire resistance are the requirements for pre-fabricated parts in areas with extreme traffic loads.



DIN EN 1433

concrete strength C35/45

 weather-resistant

 non-flammable

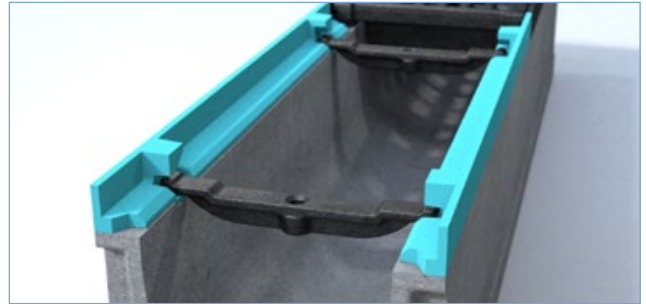
SYSTEM MAXI F1

Product benefits



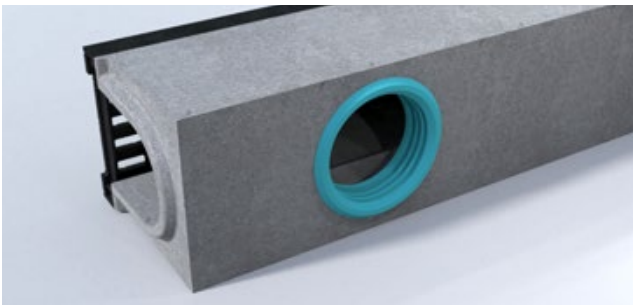
Longitudinal restraints

With 8 safety points per meter, braking forces are effectively absorbed and discharged.



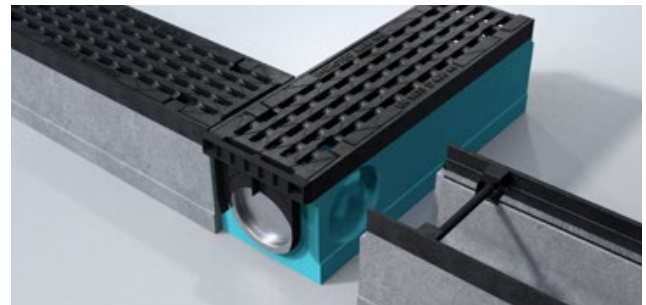
Ductile iron edge protection

The 5 mm powerful ductile iron edge protection provides the highest stability in all load classes.



Vertical outlet

Liquid-tight connection for ground pipes.



Special element

Can be used as corner or T-element.

SYSTEM MAXI F1

Racing track at the Bilster Berg (Germany)



SYSTEM MAXI F1

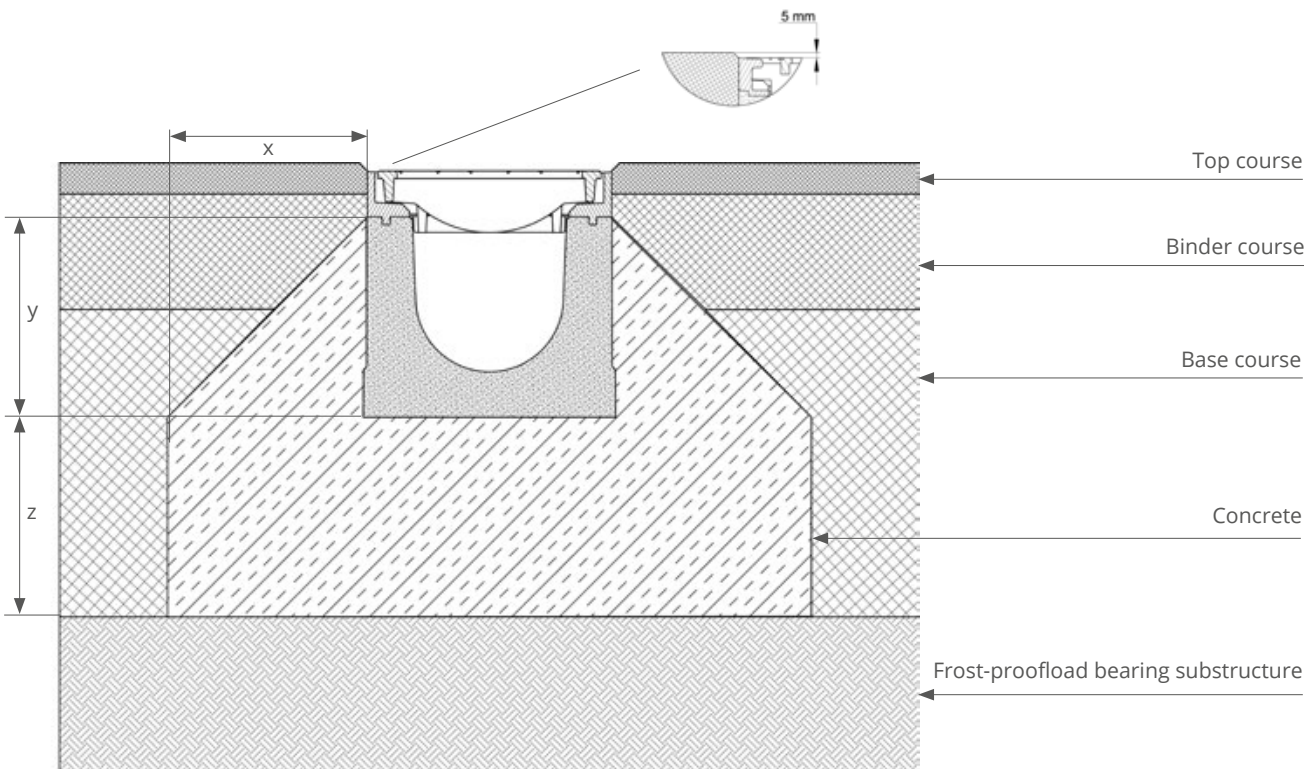
Racing track at the Bilster Berg (Germany)



SYSTEM MAXI F1

Installation instruction

ASPHALT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

xyz (according to calculation)

C 250	15 cm concrete C25/30
D 400	20 cm concrete C25/30
E 600 / F 900	25 cm concrete C25/30

General notes

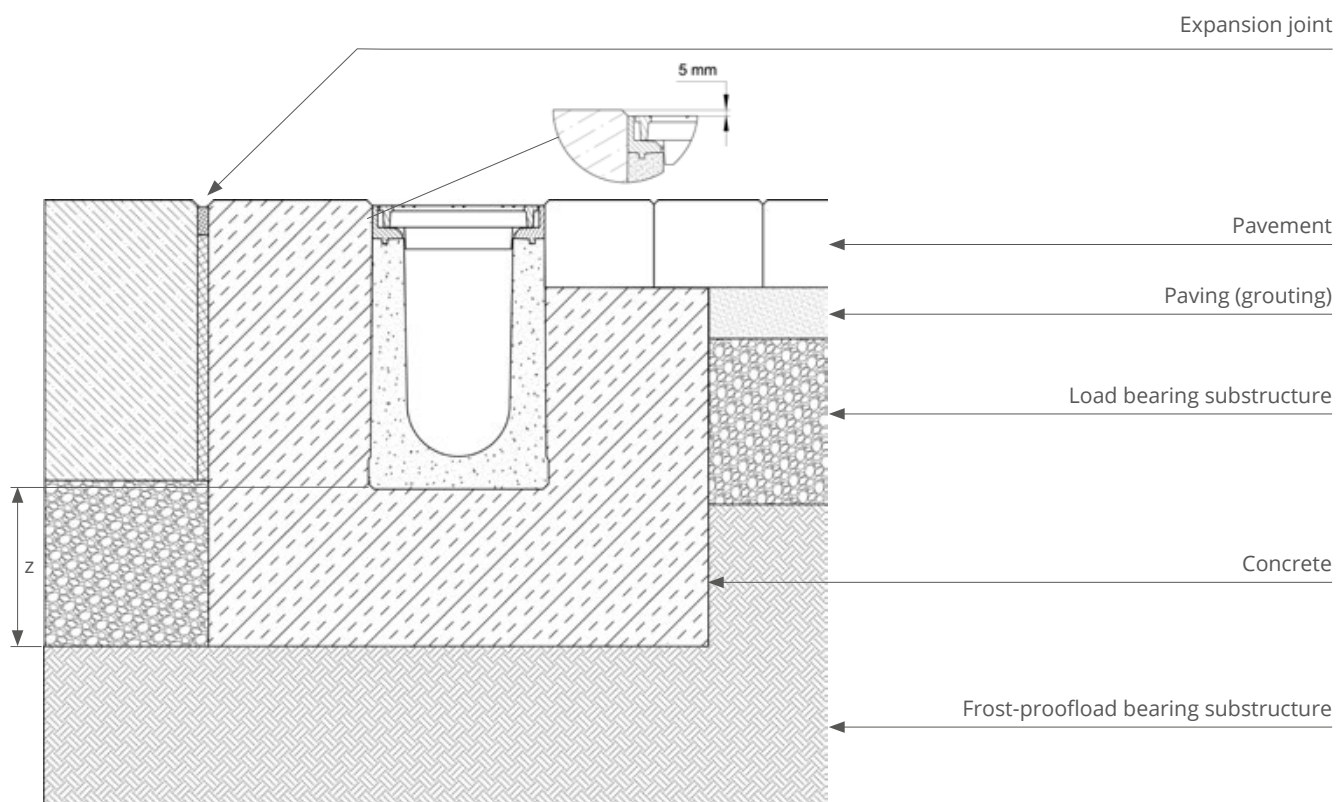
The installation instructions are only provided as a recommendation. The construction companies charged with installation can naturally incorporate any of their own improvements. The construction company is responsible for the correct installation of the drainage channels.

All installed parts must be examined before installation to ensure that they are undamaged. For reasons of liability never install damaged parts and contact the supplier immediately to submit a claim.

SYSTEM MAXI F1

Installation instruction

ROADWAY CONCRETE / PAVEMENT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

The paving must be installed in such a way that dynamic shearing forces do not affect the channel sides. This is achieved by a non-positive bond of the paving.

z (according to calculation)

A 15	10 cm concrete C25/30
B 125 / C 250	15 cm concrete C25/30
D 400	20 cm concrete C25/30
E 600 / F 900	25 cm concrete C25/30

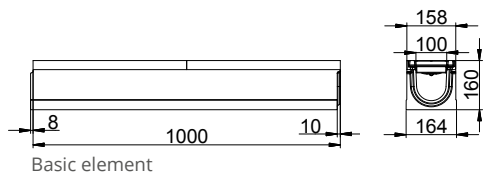
General notes

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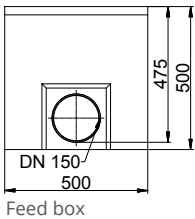
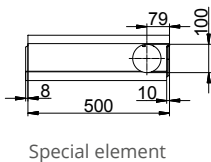
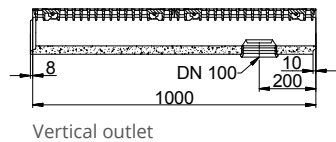
SYSTEM MAXI F1 100

Class F 900



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	61160 0001	F 900	26/12	160	1000	512	55,5	24
	61160 0051				500		27,8	48
Vertical outlet*	61160 00071				1000		54,5	24
Special element	61160 0061			500	500		26,8	-
Feed box**	61160 0081			500	500		50,5	10

Further heights/elements with slope are available on request.

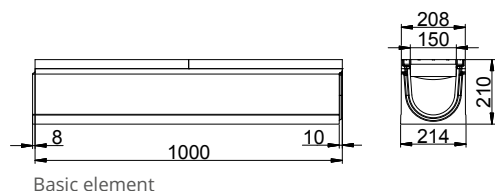


*with integrated sealing ring Ø100

**with integrated sealing ring Ø150 and dirt catcher

SYSTEM MAXI F1 150

Class F 900

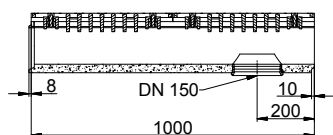


Basic element

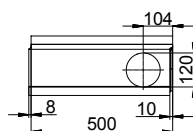


Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	61560 0001	F 900	28/12	210	1000	736	88,5	20
	61560 0051				500		44,3	40
Vertical outlet*	61560 00071				1000		87,5	20
Special element	61560 0061			550	500		43,3	-
Feed box**	61560 0081						71,0	8

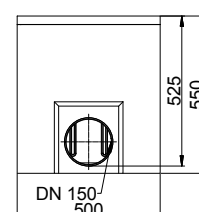
Further heights/elements with slope are available on request.



Vertical outlet



Special element

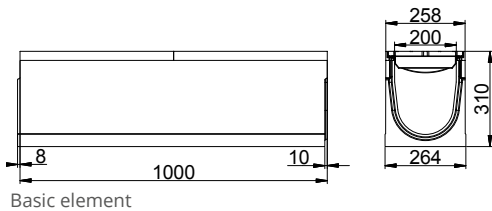


Feed box

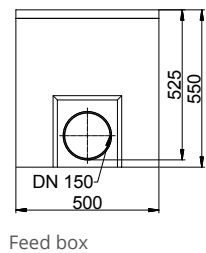
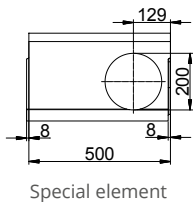
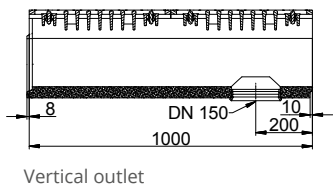
*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

SYSTEM MAXI F1 200
Class F 900



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	61260 0501	F 900	26/12	310	1000	970	111,0	24
	61260 0551				500		55,5	48
Vertical outlet*	61260 05071				1000		110,0	24
Special element	61260 0561				500		54,5	-
Feed box**	61260 0081			550	500		72,0	10



*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

SYSTEM MAXI F1

Accessories

Type	Art. No.	Height mm	
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MAXI F1 100

End piece PP	7001 130	160
End piece cast iron	7001 111	160
End piece closed, 2 parts	7001 110	185 - 260
End piece with pipe joint DN 100, 2 parts	7001 120	160 - 260
End piece iron	7001 112	185 - 260



End piece closed



End piece with pipe joint

End piece low profile PP	7001110 080	80
End piece low profile PP	7001110 110	110



End piece low profile

MAXI F1 150 / 200

End piece PP (MAXI F1 150)	7001 151	
End piece iron (MAXI F1 150)	7001 152	
End piece PP (MAXI F1 200)	7001 200	
End piece iron (MAXI F1 200)	7001 250	
End piece iron - Pipe connection DN 100 (MAXI F1 150)	7001 1580	210
End piece iron - Pipe connection DN 100 (MAXI F1 150)	7001 1585	260
End piece iron - Pipe connection DN 100 (MAXI F1 150)	7001 1590	310
End piece iron - Pipe connection DN 150 (MAXI F1 200)	7001 280	



End piece PP
MAX F1 150



End piece iron
MAXI F1 150



End piece PE
MAXI F1 200



End piece iron
MAXI F1 200



End piece iron
with pipe connection



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