

Drainage channels



Drainage systems for:
wine cellars
breweries
industrial plants

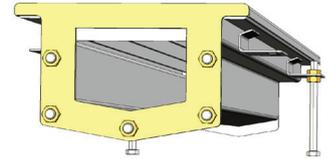
We design and manufacture drainage systems, which consist of drainage channel segments in combination with one or more drains. All elements are made of stainless steel EN1.4301(AISI 304) and adapted to be installed into the concrete floor.

The planned incline of the channel is 0.4 % (4 mm per meter). Such incline enables an effective drainage of waste water and prevents the accumulation of impurities within the drainage channels.

We manufacture narrow drainage channels and wide drainage channels with gratings. These channels can be used in wine cellars as well as in industrial plants.

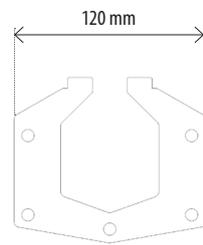
The main advantages:

- ▶ simple cleaning of the entire system
- ▶ resistant to corrosion
- ▶ reasonably priced and quickly deliverable channel systems combined from standard segments (up to 9-m length)
- ▶ manufacture of larger segments upon demand

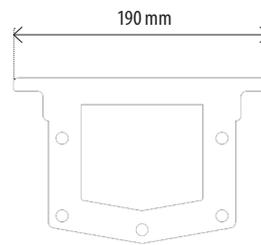


Combining segments – a modular construction system

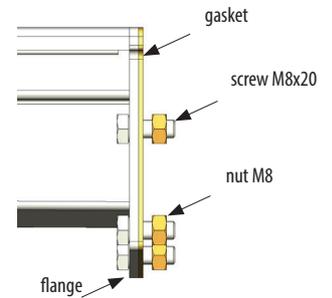
Segments of channels and gullies have welded flanges. Individual segments can be combined into larger systems by means of flanges, gaskets and the attached screw fittings.



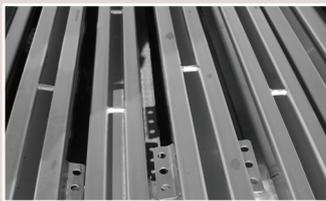
flange for combining narrow drainage channels



flange for combining wide drainage channels



wide (box-type) drainage channels with gratings

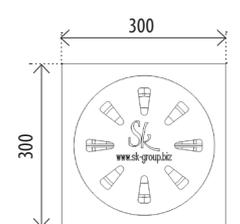
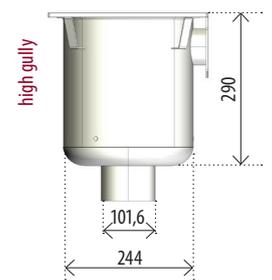
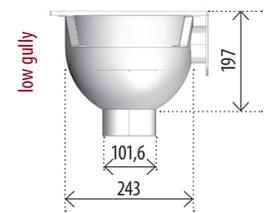


narrow (slotted-type) drainage channels

Gullies

Gullies are available in two heights and can have a horizontal or a vertical drain. Gullies can be easily combined with drainage channels. The diameter of the drain opening is 101,6 mm.

GULLY	vertical outlet	horizontal outlet
<p>low gully max. system length with one drain: 9 meter</p>		
<p>high gully max. system length with one drain: 36 meter</p>		



(dimensions are in mm)

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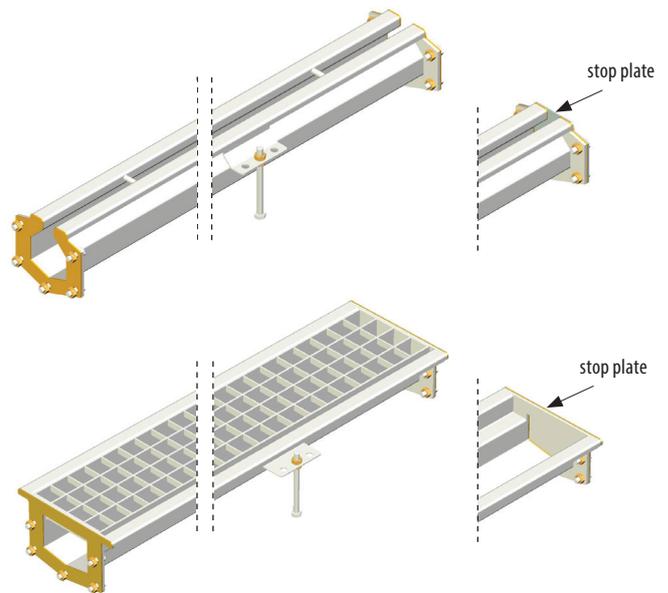
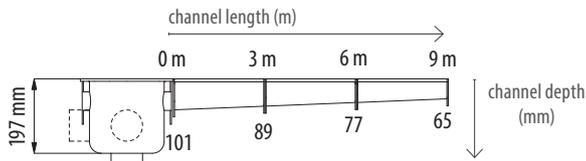
Drain systems of standard segments / max. drainage channel length 9 m

Drain channels up to 9 m length can be assembled from standard elements and combined with a low gully.

Standard elements (narrow and wide drainage channels):

CHANNEL SEGMENT_3 m	middle segment
	final segment (stop plate attached by screws)
CHANNEL SEGMENT_2 m	final segment (welded stop plate)
CHANNEL SEGMENT_1 m	final segment (welded stop plate)

Vertical section: channel system with a low gully and drainage channel segments (9 m):



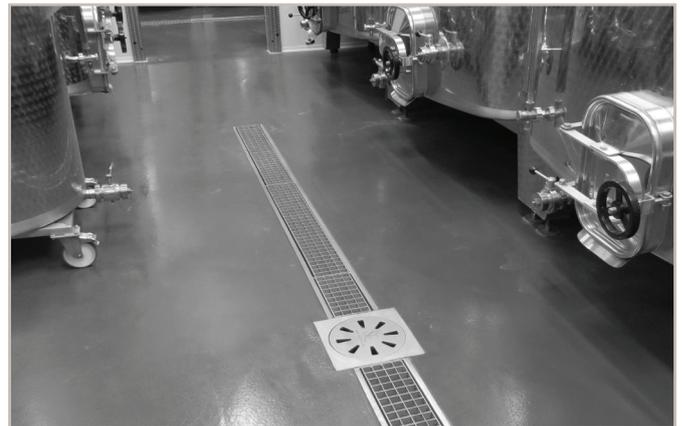
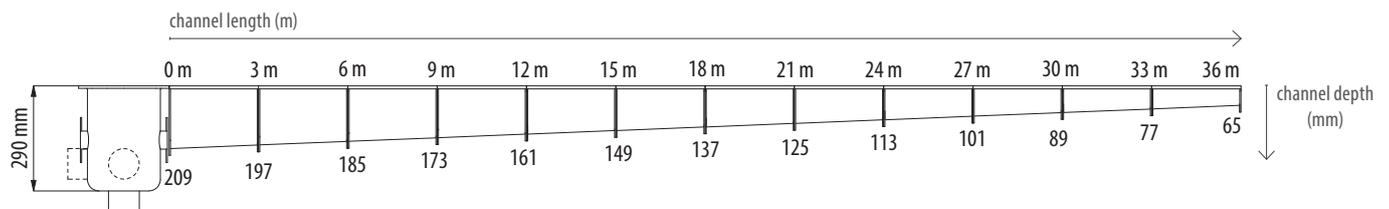
Manufactured upon demand / max. channel length 36 m

Drain channels that are longer than 9 meters are manufactured upon demand. The system consists of drainage channel segments in combination with one or more drains. An individual segment can be up to 3-m long. The length of the last segment can be adapted to the customer's needs.

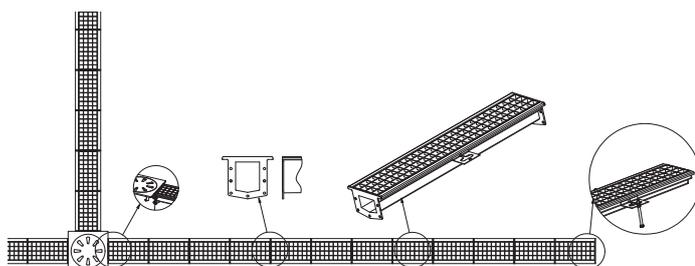
The system with one drain allows the max. channel length of 36 m combined with a high gully.

CHANNEL SEGMENT	middle segment unit: meter, up to 3 m
	final segment unit: meter, up to 3 m welded stop plate

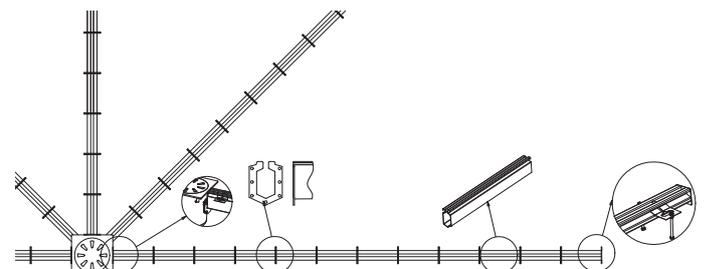
Vertical section: channel system with a high gully and channel segments (36 m):



Arrangement of wide (box type) drainage channels:



Arrangement of narrow (slotted type) drainage channels:



Drain systems of standard segments / max. drainage channel length 9 m

Segment	Segment code	SAP code	Segment drawings and explanation of codes
drainage channel_slotted type	KO_101_89_3m	205123	<p>197 mm</p> <p>0 m 3 m 6 m 9 m</p> <p>101 mm 89 mm 77 mm 65 mm</p> <p>KO_xx_ZP KS_xx_ZP</p> <p>KO_101_89_3m</p> <ul style="list-style-type: none"> segment length (m) segment final depth (mm) segment initial depth (mm) letters in code: <ul style="list-style-type: none"> KO_ slotted type KS_ box type _ZP stop plate at the end of the channel
drainage channel_slotted type	KO_101_93_2m	205930	
drainage channel_slotted type	KO_101_97_1m	212331	
drainage channel_slotted type	KO_89_77_3m	203750	
drainage channel_slotted type	KO_89_81_2m	203746	
drainage channel_slotted type	KO_89_85_1m	206476	
drainage channel_slotted type	KO_77_65_3m	212326	
drainage channel_slotted type	KO_77_69_2m	212327	
drainage channel_slotted type	KO_77_73_1m	212329	
drainage channel_slotted type	KO_89_ZP	212301	
drainage channel_slotted type	KO_77_ZP	212300	
drainage channel_box typeE	KS_101_89_3m	205104	
drainage channel_box type	KS_101_93_2m	212322	
drainage channel_box type	KS_101_97_1m	212324	
drainage channel_box type	KS_89_77_3m	212317	
drainage channel_box type	KS_89_81_2m	212319	
drainage channel_box type	KS_89_85_1m	212320	
drainage channel_box type	KS_77_65_3m	212311	
drainage channel_box type	KS_77_69_2m	212313	
drainage channel_box type	KS_77_73_1m	212315	
drainage channel_box type	KS_89_ZP	212305	
drainage channel_box type	KS_77_ZP	212304	
low gully, vertical outlet	SNN_1	221441	<p>SNN_2_90_180</p> <ul style="list-style-type: none"> position of the channel connection (180°) position of the channel connection (90°) number of channel connections: <ol style="list-style-type: none"> 1 - one connection 2 - two connections 3 - three connections 4 - four connections 5 - without letters in code: <ul style="list-style-type: none"> SNN_ low gully, vertical outlet SVN_ high gully, vertical outlet SNS_ low gully, horizontal outlet SVS_ high gully, horizontal outlet <p>Position of the channel connection:</p> <p>180°</p> <p>90° 270°</p> <p>0°</p>
low gully, vertical outlet	SNN_2_90_180	221443	
low gully, vertical outlet	SNN_2_90_270	221442	
low gully, vertical outlet	SNN_3	221440	
low gully, vertical outlet	SNN_4	221439	
low gully, vertical outlet	SNN_5	221433	
high gully, vertical outlet	SVN_1	212519	
high gully, vertical outlet	SVN_2_90_180	212520	
high gully, vertical outlet	SVN_2_90_270	212521	
high gully, vertical outlet	SVN_3	212522	
high gully, vertical outlet	SVN_4	212523	
high gully, vertical outlet	SVN_5	212504	
low gully, horizontal outlet	SNS_1_90	220347	
low gully, horizontal outlet	SNS_1_180	220348	
low gully, horizontal outlet	SNS_1_270	220349	
low gully, horizontal outlet	SNS_2_90_180	220350	
low gully, horizontal outlet	SNS_2_180_270	220352	
low gully, horizontal outlet	SNS_2_90_270	220351	
low gully, horizontal outlet	SNS_3_90_180_270	220353	
low gully, horizontal outlet	SNS_5	226805	
high gully, horizontal outlet	SVS_1_90	212524	
high gully, horizontal outlet	SVS_1_180	212525	
high gully, horizontal outlet	SVS_1_270	212526	
high gully, horizontal outlet	SVS_2_90_180	212527	
high gully, horizontal outlet	SVS_2_180_270	212529	
high gully, horizontal outlet	SVS_2_90_270	212528	
high gully, horizontal outlet	SVS_3_90_180_270	212531	
high gully, horizontal outlet	SVS_5	212501	