



ACO channel

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Hygienic design

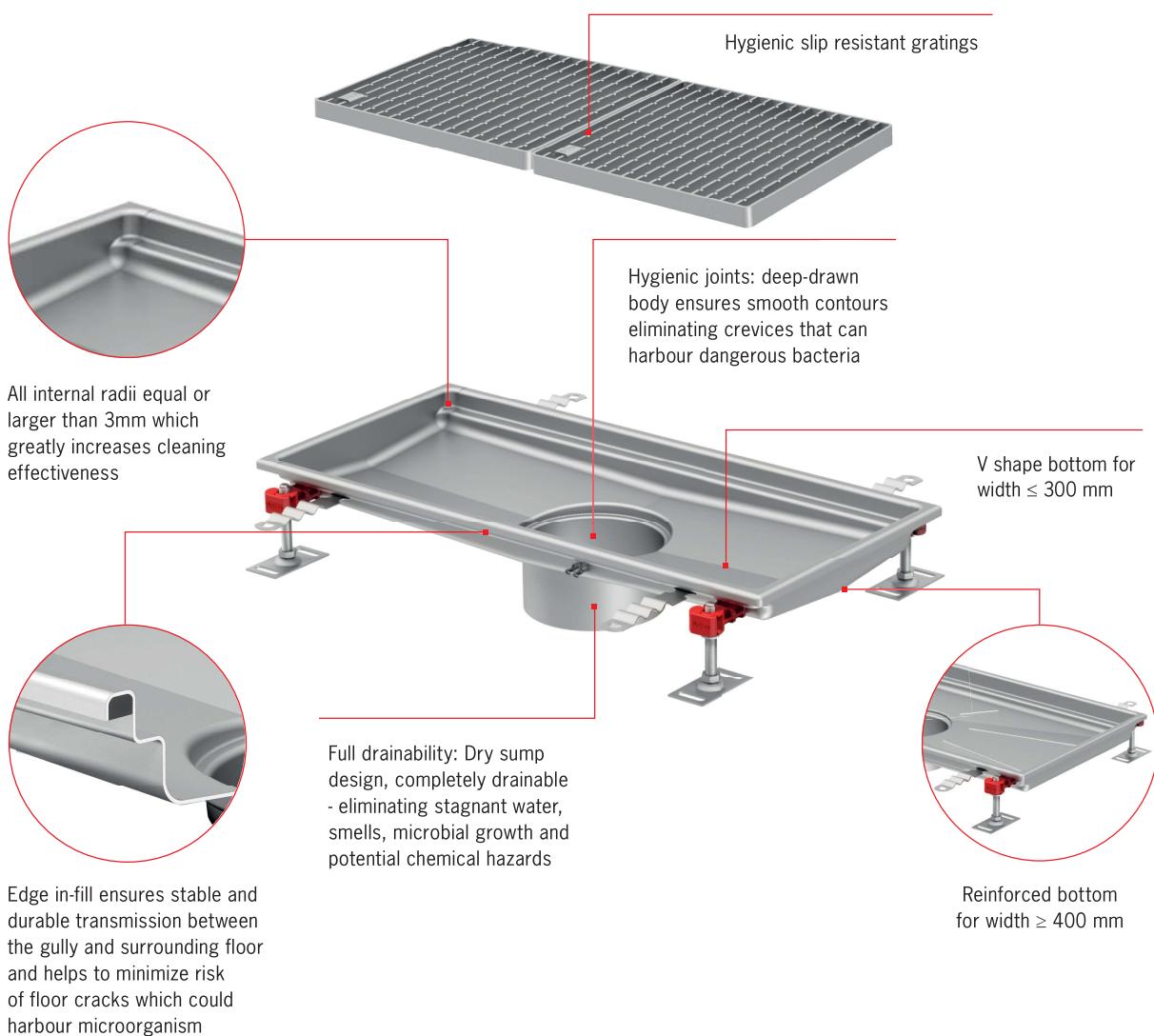
ACO offers sustainable, integrated drainage systems which are designed to protect your business, the environment and ultimately public health. Our aim is to constantly improve every aspect of safety, hygiene and functional performance.

We believe that our systems and services are truly unique, delivering unparalleled benefits to everyone involved in project delivery or subsequent operation.

ACO hygienic drainage fulfils stringent hygienic requirements to prevent harmful bacterial contamination. We apply the relevant hygienic design principles reserved for food contact surfaces EN 1672, EN ISO 14159 and EHEDG document to the channel design.

ACO channel hygienic features:

- Fully drainable
- Internal radii equal or larger than 3 mm
- Hygienic joints
- Edge infill
- Stainless steel grade min. AISI 304
- Fully pickled and passivated



System overview

ACO channel



ACO box channel



ACO slot channel



ACO modular box channel

- 1** Gratings
- 2** Silt basket
- 3** Friction ring
- 4** Foul air trap
- 5** Foul air trap support
- 6** ACO gully



**ACO gully
with accessories**

ACO channel

Introduction**ACO box channel portfolio**

The ACO box channel range includes channels for all common applications and all common floor types (concrete, tiles, resin or vinyl). The ACO box channel portfolio is designed with respect to hygienic design requirements. Selecting a channel from the range is easy.

The unique variability of the whole portfolio makes it easy to choose a channel that suits a customer's specific needs. Channel length, depth and outlet position are just a few of the parameters which can be varied and, regardless of the variations specified, there is no impact on delivery lead times.

ACO box channel ordering

The dimensions of the ACO box channel can be easily specified in respect of project requirements. To specify the channel please use the Customization template (see page 102) which will help you to identify the information you need, or contact our Sales/Technical department.

ACO box channels with fixed dimensions are also available. These dimensions are a selection of most frequently sold ACO box channels. Please see page 85 where you can find the overview.

ACO box channel customization

In addition all ACO box channels can be designed with:

- Special outlet position
- Special depth
- Special slope
- Special channel width
- L-shape and T-shape lay out
- Special side inlets

To ask for customised ACO box channel, please contact our Sales/technical department. Please take into consideration that ACO channel customization could decrease the number of hygienic design features.

ACO box channel system overview

ACO box channel - fixed height solution



ACO channel

ACO box channel - telescopic solution



**ACO hygienic gully
with accessories**

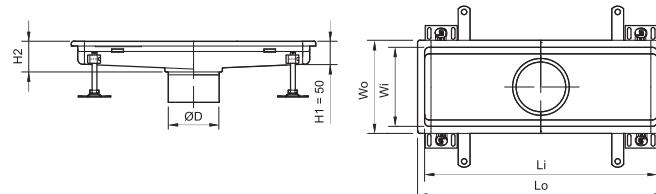
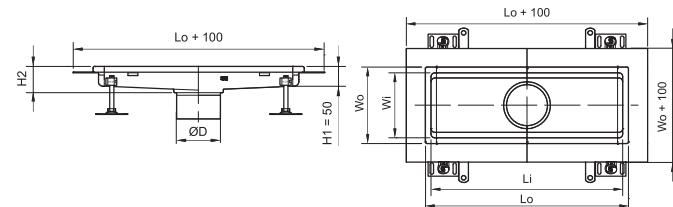
ACO hygienic box channel - standard articles**Product information**

The dimensions of the ACO hygienic box channel for concrete, tiles and resin floor can be easily specified in respect of project requirements or easily chosen from predefined fixed dimensions.

HygieneFirst features

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Material thickness 1.5 mm
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Rubber edge infill
- Fully pickled and passivated
- Minimal longitudinal slope 1%
- Min. sectional slope 5°
- Material thickness 1.5 mm
- Hygienic gratings with slip resistance available
- Protective cover available.

See page 230 for more details

Order information**Standard edge****Extended edge**

Wo [mm]	Wi [mm]	Channel dimensions		H2 [mm]	ØD [mm]	Gully	Material	Standard edge	Extended edge
		Lo [mm]	Li [mm]					Item number	Item number
200	170	530	500	60	125	ACO hygienic gully 142	1.4301	416584	416680
		530	500				1.4404	416602	416698
		830	800				1.4301	416585	416681
		830	800				1.4404	416603	416699
		1030	1000				1.4301	416586	416682
		1030	1000				1.4404	416604	416700
		1230	1200				1.4301	416587	416683
		1230	1200				1.4404	416605	416701
		1530	1500				1.4301	416588	416684
		1530	1500				1.4404	416606	416702
		2030	2000				1.4301	416589	416685
		2030	2000				1.4404	416607	416703

Order information

Wo [mm]	Wi [mm]	Channel dimensions		H2 [mm]	ØD [mm]	Gully	Material	Standard edge	Extended edge
		Lo [mm]	Li [mm]					Item number	Item number
200	170	530	500	60	142	ACO hygienic gully 157	1.4301	416590	416686
		530	500				1.4404	416608	416704
		830	800				1.4301	416591	416687
		830	800				1.4404	416609	416705
		1030	1000				1.4301	416592	416688
		1030	1000				1.4404	416610	416706
		1230	1200				1.4301	416593	416689
		1230	1200				1.4404	416611	416707
		1530	1500				1.4301	416594	416690
		1530	1500				1.4404	416612	416708
		2030	2000				1.4301	416595	416691
		2030	2000				1.4404	416613	416709
300	270	330	300	55	142	ACO hygienic gully 157	1.4301	416614	416710
		330	300				1.4404	416628	416724
		630	600				1.4301	416615	416711
		630	600				1.4404	416629	416725
		1030	1000				1.4301	416616	416712
		1030	1000				1.4404	416630	416726
		1530	1500				1.4301	416617	416713
		1530	1500				1.4404	416631	416727
		2030	2000				1.4301	416618	416714
		2030	2000				1.4404	416632	416728
		3030	3000	60	70	ACO hygienic gully 157	1.4301	416619	416715
		3030	3000				1.4404	416633	416729
300	270	4030	4000	80	200	ACO hygienic gully 218	1.4301	416620	416716
		4030	4000				1.4404	416634	416730
		330	300				1.4301	416621	416717
		330	300				1.4404	416635	416731
		630	600				1.4301	416622	416718
		630	600				1.4404	416636	416732
		1030	1000				1.4301	416623	416719
		1030	1000				1.4404	416637	416733
		1530	1500				1.4301	416624	416720
		1530	1500				1.4404	416638	416734
		2030	2000				1.4301	416625	416721
		2030	2000				1.4404	416639	416735
		3030	3000	60	70	ACO hygienic gully 218	1.4301	416626	416722
		3030	3000				1.4404	416640	416736
400	370	4030	4000	80	142	ACO hygienic gully 157	1.4301	416627	416723
		4030	4000				1.4404	416641	416737
		430	400				1.4301	416642	416738
		430	400				1.4404	416648	416744
		630	600				1.4301	416643	416739
		630	600				1.4404	416649	416745
		830	800				1.4301	416644	416740
400	370	830	800	60	200	ACO hygienic gully 218	1.4404	416650	416746
		430	400				1.4301	416645	416741
		430	400				1.4404	416651	416747
		630	600				1.4301	416646	416742
		630	600				1.4404	416652	416748
		830	800				1.4301	416647	416743
		830	800				1.4404	416653	416749

ACO box channel

ACO hygienic box channel - standard articles

Wo [mm]	Wi [mm]	Channel dimensions		H2 [mm]	øD [mm]	Gully	Material	Standard edge	Extended edge
		Lo [mm]	Li [mm]					Item number	Item number
500	470	530	500	65	142	ACO hygienic gully 157	1.4301	416654	416750
		530	500				1.4404	416660	416756
		830	800				1.4301	416655	416751
		830	800				1.4404	416661	416757
		1030	1000				1.4301	416656	416752
		1030	1000				1.4404	416662	416758
500	470	530	500	65	200	ACO hygienic gully 218	1.4301	416657	416753
		530	500				1.4404	416663	416759
		830	800				1.4301	416658	416754
		830	800				1.4404	416664	416760
		1030	1000				1.4301	416659	416755
		1030	1000				1.4404	416665	416761
600	570	630	600	70	200	ACO hygienic gully 218	1.4301	416666	416762
		630	600				1.4404	416669	416765
		930	900				1.4301	416667	416763
		930	900				1.4404	416670	416766
		1230	1200				1.4301	416668	416764
		1230	1200				1.4404	416671	416767
800	770	830	800	80	200	ACO hygienic gully 218	1.4301	416672	416768
							1.4404	416673	416769

ACO hygienic box channel - semi-standard

Product information

The dimensions of the ACO hygienic box channel for concrete, tiles and resin floor can be easily specified in respect of project requirements.

HygieneFirst features

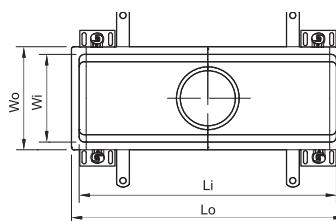
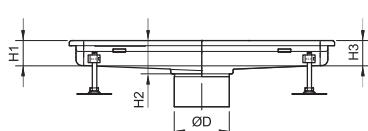
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
 - Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
 - Fully removable and easily cleanable stainless steel foul air trap (FAT)
 - Rubber edge infill
 - Fully pickled and passivated
 - Sectional slope of the channel bottom 5°
 - Longitudinal slope of the channel bottom 1-5 %
 - Material thickness 1.5 mm
 - Hygienic gratings with slip resistance available
 - Protective cover available.
- See page 230 for more details

▪ Tested and certified according to EN 1253-1

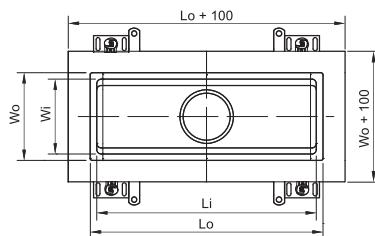
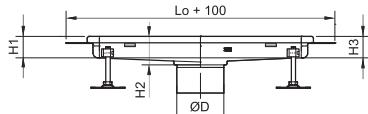
- V-shape bottom for width < 300 mm
- Reinforced bottom for width > 400 mm
- Length - up to customer request
- Height - variable 50-200
- Outlet position variable in longitudinal axis
- Standardized widths
- Easy and secure telescopic connection with gully
- Adjustable EasyFix levelling feet 60-110 mm
- Anchors for fixing in concrete

Order information

Standard edge



Extended edge



External (overall) width	Internal (grating) width	Length of channel	Height at outlet of channel	Height at end of channel
Wo [mm]	Wi [mm]	Lo	H2	H1 and H3
200	170			
300	270			
400	370			
500	470			
600	570			
800	770			

* Variable *

Variable *

50-200

50, 80, 110, 140

* Long channels over 6m are standard divided in 6m sections with transport joins.

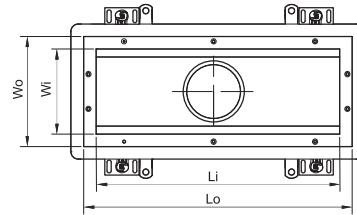
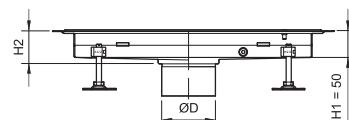
In case of one piece channel requirement, channels have to be welded on site. Please contact our Sales/Technical department.



ACO box channel**ACO vinyl box channel - standard articles****ACO vinyl box channel - standard articles****Product information**

The dimensions of the ACO vinyl box channel can be specified in respect of project requirements or easily chosen from predefined fixed dimensions.

- Fully compliant to EN 1253-1
 - Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, pickled and passivated
 - Material thickness 1.5 mm
 - Easy and secure telescopic connection with gully
 - Adjustable EasyFix levelling feet 60-110 mm
 - Anchors for fixing in concrete
 - Protective cover available.
- See page 230 for more details

Order information**Vinyl edge**

Wo [mm]	Wi [mm]	Channel dimensions		H2 [mm]	ØD [mm]	Gully	Material	Vinyl edge Item number
		Lo [mm]	Li [mm]					
220	170	550	500	60	125	ACO hygienic gully 142	1.4301	413358
		550	500				1.4404	413376
		850	800				1.4301	413359
		850	800				1.4404	413377
		1050	1000				1.4301	413360
		1050	1000				1.4404	413378
		1250	1200				1.4301	413361
		1250	1200				1.4404	413379
		1550	1500				1.4301	413362
		1550	1500				1.4404	413380
		2050	2000				1.4301	413363
		2050	2000				1.4404	413381
220	170	550	500	60	142	ACO hygienic gully 157	1.4301	413364
		550	500				1.4404	413382
		850	800				1.4301	413365
		850	800				1.4404	413383
		1050	1000				1.4301	413366
		1050	1000				1.4404	413384
		1250	1200				1.4301	413367
		1250	1200				1.4404	413385
		1550	1500				1.4301	413368
		1550	1500				1.4404	413386
		2050	2000				1.4301	413369
		2050	2000				1.4404	413387

Wo [mm]	Wi [mm]	Channel dimensions		H2 [mm]	øD [mm]	Gully	Material	Vinyl edge	Item number	
320	270	350	300	60	142	ACO hygienic gully 157	1.4301	413388		
		350	300				1.4404	413402		
		650	600				1.4301	413389		
		650	600				1.4404	413403		
		1050	1000				1.4301	413390		
		1050	1000				1.4404	413404		
		1550	1500				1.4301	413391		
		1550	1500				1.4404	413405		
		2050	2000		70		1.4301	413392		
		2050	2000				1.4404	413406		
		3050	3000	80	200	ACO hygienic gully 218	1.4301	413393		
		3050	3000				1.4404	413407		
		4050	4000				1.4301	413394		
		4050	4000				1.4404	413408		
320	270	350	300				1.4301	413395		
		350	300				1.4404	413409		
		650	600				1.4301	413396		
		650	600				1.4404	413410		
		1050	1000				1.4301	413397		
		1050	1000				1.4404	413411		
		1550	1500				1.4301	413398		
		1550	1500				1.4404	413412		
		2050	2000				1.4301	413399		
		2050	2000				1.4404	413413		
		3050	3000	70	200	ACO hygienic gully 218	1.4301	413400		
		3050	3000				1.4404	413414		
420	370	4050	4000	60	142	ACO hygienic gully 157	1.4301	413401		
		4050	4000				1.4404	413415		
		450	400				1.4301	413416		
		450	400				1.4404	413422		
		650	600				1.4301	413417		
		650	600				1.4404	413423		
420	370	850	800	60	200	ACO hygienic gully 218	1.4301	413418		
		850	800				1.4404	413424		
		450	400				1.4301	413419		
		450	400				1.4404	413425		
		650	600				1.4301	413420		
		650	600				1.4404	413426		
520	470	850	800	65	142	ACO hygienic gully 157	1.4301	413421		
		850	800				1.4404	413427		
		530	500				1.4301	413428		
		530	500				1.4404	413434		
		830	800				1.4301	413429		
		830	800				1.4404	413435		
520	470	1030	1000	65	200	ACO hygienic gully 218	1.4301	413430		
		1030	1000				1.4404	413436		
		550	500				1.4301	413431		
		550	500				1.4404	413437		
		850	800				1.4301	413432		
		850	800				1.4404	413438		
520	470	1050	1000	65	200	ACO hygienic gully 218	1.4301	413433		
		1050	1000				1.4404	413439		
		650	600				1.4301	413440		
		650	600				1.4404	413443		
		950	900				1.4301	413441		
		950	900				1.4404	413444		
620	570	1250	1200	70	200	ACO hygienic gully 218	1.4301	413442		
		1250	1200				1.4404	413445		
		650	600				1.4301	413446		
		650	600				1.4404	413447		
		950	900				1.4301	413448		
		950	900				1.4404	413449		

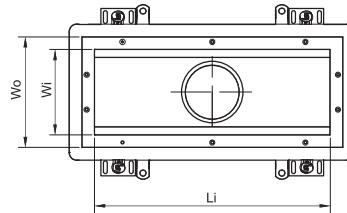
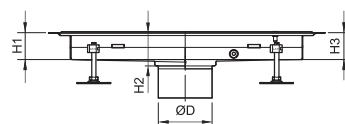
ACO channel



ACO vinyl box channel - semi-standard**Product information**

The dimensions of the ACO vinyl box channel can be easily specified in respect of project requirements.

- Fully compliant to EN 1253-1
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, pickled and passivated
- Material thickness 1.5 mm
- Height variable 50-200 mm
- Length – up to customer request
- Standardized widths
- Outlet position central or variable in longitudinal axis
- Longitudinal slopes of the channel bottom 1-5 %
- Adjustable EasyFix levelling feet 60-110 mm
- Anchors for fixing in concrete
- Protective cover available. See page 230 for more details

Order information**Vinyl edge**

External (overall) width	Internal (grating) width	Length of channel	Height at outlet of channel	Height at end of channel
Wo [mm]	Wi [mm]			
230	170			
330	270			
430	370			
530	470			
630	570			
830	870			

* Long channels over 6m are standard devided in 6m sections with transport joins.

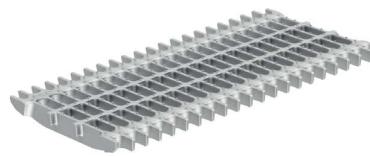
In case of requirements one piece channel, channels have to be welded on site. Please contact our Sales/Technical department.

ACO hygienic cast grating

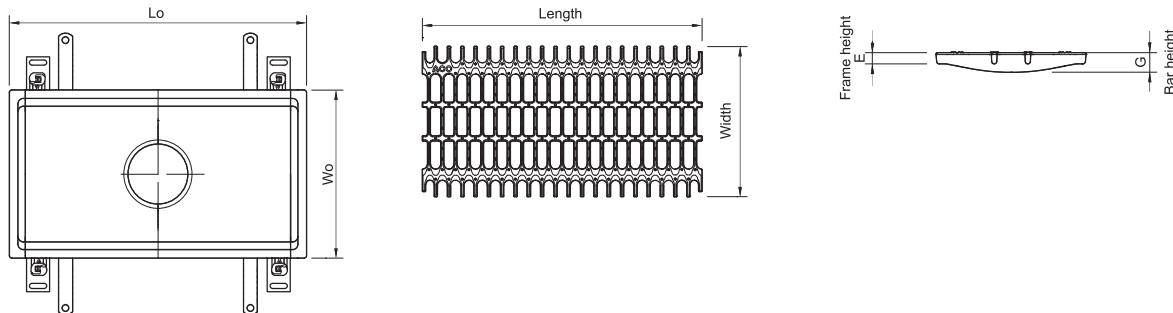
Product information

HygieneFirst features

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Available in 1.4301 (304) grade of stainless steel
- Fully pickled and passivated
- Electropolished surface
- Frameless design for optimum drainability and cleanability
- Tested and certified according to EN 1253-1
- Range of gratings suitable for load class M 125 (EN 1253-1)
- Slip resistant
 - Low potential for slip according to BS 7976-2,
 - R13 according to DIN 51130



Order information - Load class M 125



Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	30	168	499	1.4301	416947	1
	830	20	30	168	398	1.4301	416948	2
	1030	20	30	168	499	1.4301	416947	2
	1230	20	30	168	398	1.4301	416948	3
	1530	20	30	168	499	1.4301	416947	3
	2030	20	30	168	499	1.4301	416947	4
300	330	20	30	268	298	1.4301	416946	1
	630	20	30	268	298	1.4301	416946	2
	1030	20	30	268	499	1.4301	416945	2
	1530	20	30	268	499	1.4301	416945	3
	2030	20	30	268	499	1.4301	416945	4
	3030	20	30	268	499	1.4301	416945	6
	4030	20	30	268	499	1.4301	416945	8

ACO hygienic ladder grating

Product information

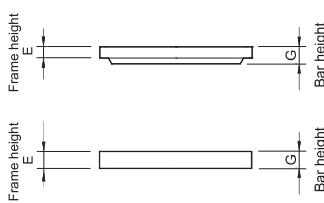
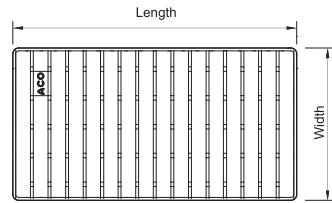
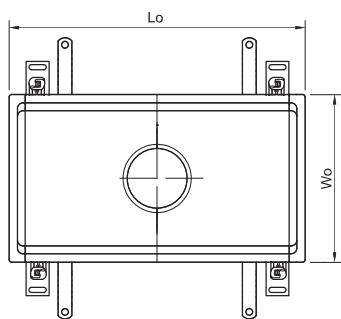
HygieneFirst features

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Electropolished surface
- Registered logo design allows for easy manipulation during cleaning

- Range of gratings suitable for load classes R 50, M 125 and N 250 (EN 1253-1)
- High flow capacity
- Rounded corners
- Slip resistant
 - Low potential for slip according to BS 7976-2,
 - R11 according to DIN 51130



Order information - Load class R 50



Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	20	168	499	1.4301	416802	1
	830	20	20	168	398	1.4404	416803	
	1030	20	20	168	499	1.4301	416808	2
	1230	20	20	168	398	1.4404	416809	
	1530	20	20	168	499	1.4301	416802	3
	2030	20	20	168	499	1.4404	416803	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
300	330	20	20	268	298	1.4301	416812	1
						1.4404	416813	
	630	20	20	268	298	1.4301	416812	2
						1.4404	416813	
	1030	20	20	268	499	1.4301	416814	2
						1.4404	416815	
	1530	20	20	268	499	1.4301	416814	3
						1.4404	416815	
	2030	20	20	268	499	1.4301	416814	4
						1.4404	416815	
400	3030	20	20	268	499	1.4301	416814	6
						1.4404	416815	
	4030	20	20	268	499	1.4301	416814	8
						1.4404	416815	
500	430	30	30	368	398	1.4301	416820	1
						1.4404	416821	
	630	30	30	368	598	1.4301	416822	1
						1.4404	416823	
600	830	30	30	368	398	1.4301	416820	2
						1.4404	416821	
	530	30	30	468	499	1.4301	416828	1
						1.4404	416829	
800	830	30	30	468	398	1.4301	416830	2
						1.4404	416831	
	1030	30	30	468	499	1.4301	416828	2
						1.4404	416829	
600	630	30	30	568	298	1.4301	416838	2
						1.4404	416839	
	930	30	30	568	298	1.4301	416838	3
						1.4404	416839	
1230	1230	30	30	568	298	1.4301	416838	4
						1.4404	416839	
	830	30	30	768	398	1.4301	416842	2
						1.4404	416843	

Order information - Load class M 125

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	30	168	499	1.4301	416804	1
						1.4404	416805	
	830	20	30	168	398	1.4301	416810	2
						1.4404	416811	
	1030	20	30	168	499	1.4301	416804	2
						1.4404	416805	
300	1230	20	30	168	398	1.4301	416810	3
						1.4404	416811	
	1530	20	30	168	499	1.4301	416804	3
						1.4404	416805	
	2030	20	30	168	499	1.4301	416804	4
						1.4404	416805	
400	330	20	30	268	298	1.4301	416816	1
						1.4404	416817	
	630	20	30	268	298	1.4301	416816	2
						1.4404	416817	
	1030	20	30	268	499	1.4301	416818	2
						1.4404	416819	
500	1530	20	30	268	499	1.4301	416818	3
						1.4404	416819	
	2030	20	30	268	499	1.4301	416818	4
						1.4404	416819	
	3030	20	30	268	499	1.4301	416818	6
						1.4404	416819	
500	4030	20	30	268	499	1.4301	416818	8
						1.4404	416819	
	430	30	30	368	398	1.4301	416824	1
						1.4404	416825	
	630	30	30	368	598	1.4301	416826	1
						1.4404	416827	
500	830	30	30	368	398	1.4301	416824	2
						1.4404	416825	
	530	30	30	468	499	1.4301	416832	1
						1.4404	416833	
	830	30	30	468	398	1.4301	416834	2
						1.4404	416835	
500	1030	30	30	468	499	1.4301	416832	2
						1.4404	416833	

Order information - Load class N 250

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	30	168	499	1.4301	416844	1
						1.4404	416845	
	830	20	30	168	398	1.4301	416846	2
						1.4404	416847	
	1030	20	30	168	499	1.4301	416844	2
						1.4404	416845	
300	1230	20	30	168	398	1.4301	416846	3
						1.4404	416847	
	1530	20	30	168	499	1.4301	416844	3
						1.4404	416845	
	2030	20	30	168	499	1.4301	416844	4
						1.4404	416845	
300	330	20	30	268	298	1.4301	416850	1
						1.4404	416851	
	630	20	30	268	298	1.4301	416850	2
						1.4404	416851	
	1030	20	30	268	499	1.4301	416848	2
						1.4404	416849	
300	1530	20	30	268	499	1.4301	416848	3
						1.4404	416849	
	2030	20	30	268	499	1.4301	416848	4
						1.4404	416849	
	3030	20	30	268	499	1.4301	416848	6
						1.4404	416849	
300	4030	20	30	268	499	1.4301	416848	8
						1.4404	416849	

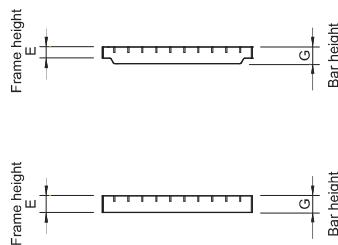
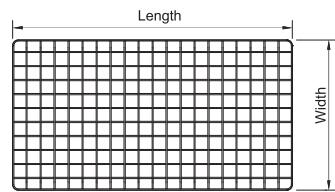
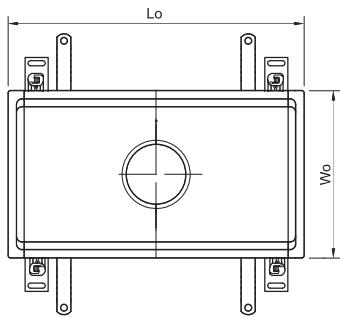
ACO mesh grating

Product information

- ACO mesh grating with slip resistant finish
- Tested and certified according to EN 1253-1
- Range of gratings suitable to load class L 15 (EN 1253-1)
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Slip resistant
 - Slip resistant low potential for slip according to BS 7976-2,
 - R11 according to DIN 51130

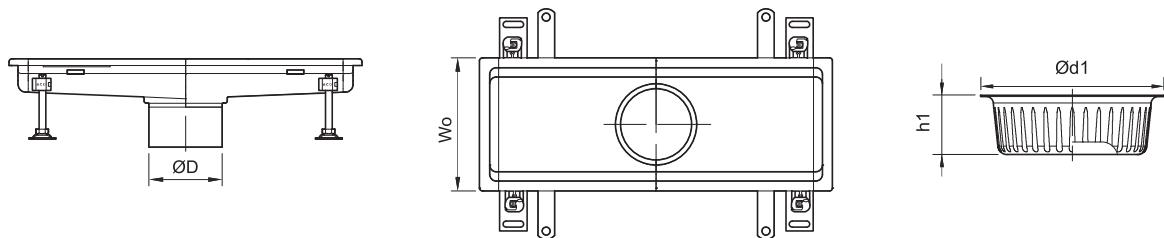


Order information - Load class L 15



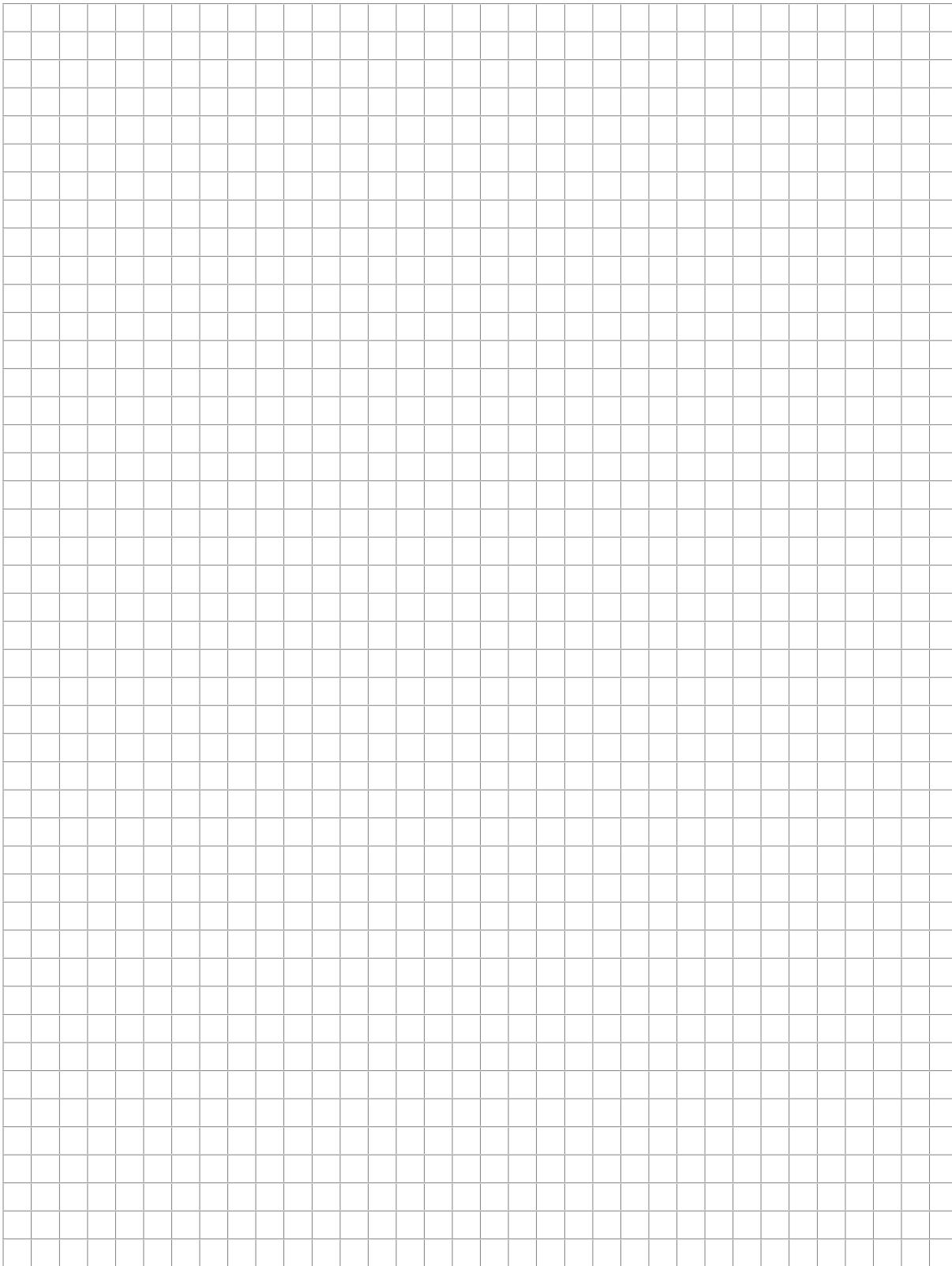
Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	30	168	499	1.4301	416860	1
						1.4404	416861	
	830	20	30	168	398	1.4301	416862	2
						1.4404	416863	
	1030	20	30	168	499	1.4301	416860	2
						1.4404	416861	
1230	1230	20	30	168	398	1.4301	416862	3
						1.4404	416863	
	1530	20	30	168	499	1.4301	416860	3
						1.4404	416861	
2030	2030	20	30	168	499	1.4301	416860	4
						1.4404	416861	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
300	330	20	30	268	298	1.4301	416864	1
						1.4404	416865	
	630	20	30	268	298	1.4301	416864	2
						1.4404	416865	
	1030	20	30	268	499	1.4301	416866	2
						1.4404	416867	
	1530	20	30	268	499	1.4301	416866	3
						1.4404	416867	
400	2030	20	30	268	499	1.4301	416866	4
						1.4404	416867	
	3030	20	30	268	499	1.4301	416866	6
						1.4404	416867	
	4030	20	30	268	499	1.4301	416866	8
						1.4404	416867	
	430	30	30	368	398	1.4301	416868	1
						1.4404	416869	
500	630	30	30	368	598	1.4301	416870	1
						1.4404	416871	
	830	30	30	368	398	1.4301	416868	2
						1.4404	416869	
600	530	30	30	468	499	1.4301	416872	1
						1.4404	416873	
	830	30	30	468	398	1.4301	416874	2
						1.4404	416875	
800	1030	30	30	468	499	1.4301	416872	2
						1.4404	416873	
	630	30	30	568	298	1.4301	416876	2
						1.4404	416877	
600	930	30	30	568	298	1.4301	416876	3
						1.4404	416877	
	1230	30	30	568	298	1.4301	416876	4
						1.4404	416877	
800	830	30	30	768	398	1.4301	416878	2
						1.4404	416879	

ACO box channel**Accessories for ACO hygienic box channel****Accessories for ACO hygienic box channel****Silt baskets for ACO hygienic box channel**

Channel dimension		Direction of gully outlet	Silt basket dimension		Capacity [l]	Material	Item number
Width Wo [mm]	Outlet øD [mm]		ød1 [mm]	h1 [mm]			
200, 300, 400, 500, 600, 800	125	vertical, horizontal	142	45	0.4	1.4301	416900
						1.4404	416901
200	142	vertical	142	45	0.4	1.4301	416900
		horizontal	142	25	0.3	1.4404	416901
		vertical, horizontal	142	25	0.3	1.4301	416902
	welded with ACO hygienic gully 142					1.4404	416903
300, 400, 500, 600, 800	142 or welded with ACO hygienic gully 157	vertical	159	50	0.6	1.4301	416904
		horizontal	159	26	0.3	1.4404	416905
	200 or welded with ACO hygienic gully 218	vertical	222	50	1.4	1.4301	416906
		horizontal	222	26	0.7	1.4404	416907
300, 400, 500, 600, 800	200 or welded with ACO hygienic gully 218	vertical	222	50	1.4	1.4301	416908
		horizontal	222	26	0.7	1.4404	416909
	200 or welded with ACO hygienic gully 218	vertical	222	50	1.4	1.4301	416910
		horizontal	222	26	0.7	1.4404	416911

Notes



ACO customized box channel

Product information

The dimensions of the ACO customized box channel for concrete, tiles and resin floor can be easily specified in respect of project requirements.

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, pickled and passivated
- Material thickness 1.5 mm or 2 mm
- Width – up to customer request
- Length – up to customer request
- Depth – up to customer request
- Variable shape of channel – T shape, L shape, ...
- Longitudinal slopes of the channel bottom 1-5 %
- Outlet position central or variable in longitudinal axis or eccentric outlet
- Adjustable EasyFix levelling feet
- Anchors for fixing in concrete
- Protective cover available for recommended channel widths. See page 230 for more details

Instruction

Please define channel dimensions by filling out required entry fields.



Yellow entry fields highlight hygienic design options



White entry fields highlight non-hygienic design options

Step 1 - Material



Stainless steel grade 1.4301 (AISI 304)



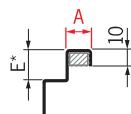
Stainless steel grade 1.4404 (AISI 316L)

Step 2 - Edge profiles



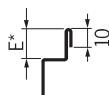
Detail of the Edge profile

Standard

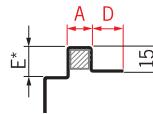


A	15	Custom
Rubber edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steel edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/> **
No edge infill	<input type="checkbox"/>	<input type="checkbox"/>

Folded

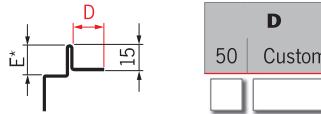


Extended



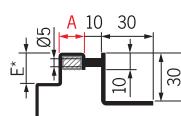
A	15	Custom
Rubber edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steel edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/> **
No edge infill	<input type="checkbox"/>	<input type="checkbox"/>

Folded with flange



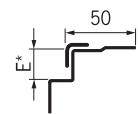
D	50	Custom
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

L profile



A	15	Custom
Rubber edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steel edge infill	<input checked="" type="checkbox"/>	<input type="checkbox"/> **
No edge infill	<input type="checkbox"/>	<input type="checkbox"/>

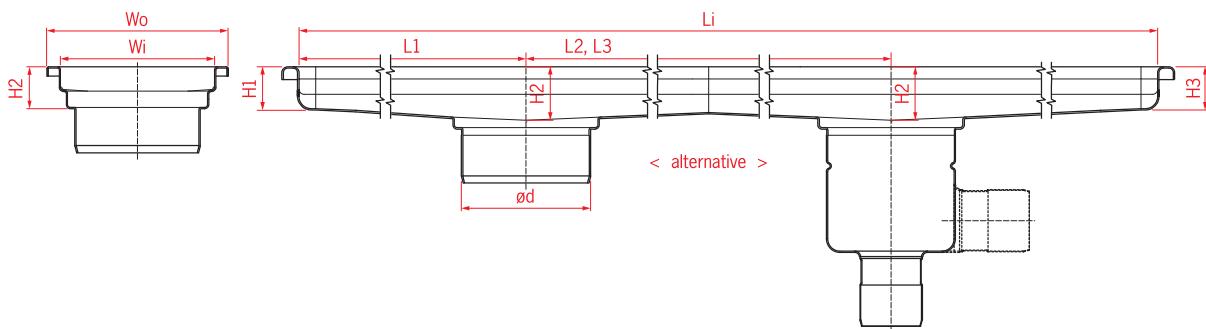
Vinyl clamp



* Sitting height "E" for gratings is defined in step 7

** For hygienic solution, check with technical support

Step 3 - Channel dimensions



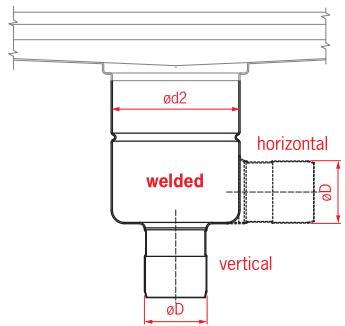
Width overall/internal W ₀ /W _i
200/170
300/270
400/370
500/470
600/570
800/770
Customized width

Channel bottom height	
H2	
Slope	
No	
Yes - slope 1%	
Yes - height defined (If you require values below 50 mm, please contact technical support)	H1
	H3

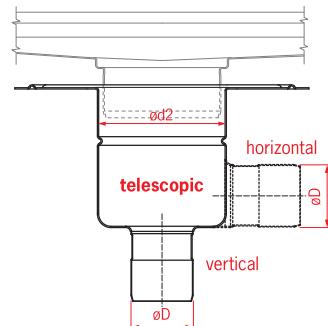
Channel lengths
L _i
L ₁
L ₂
L ₃
L ₄

Step 4 - Gully

Welded gully



Telescopic gully



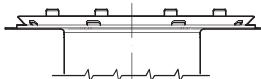
Location flange
(For telescopic gully only)



Bonding flange
(For telescopic gully only)



Clamping flange
(For telescopic gully only)



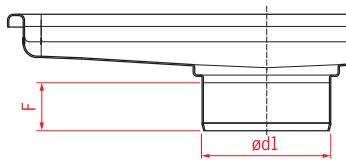
Vertical outlet	
Gully body diameter ød2	Outlet pipe diameter øD
142 (1.4 l/s)	75
142 (1.6 l/s)	110
157 (2.7 l/s)	75
157 (3.5 l/s)	110
218 (5.0 l/s)	110
218 (5.0 l/s)	160

Horizontal outlet	
Gully body diameter ød2	Outlet pipe diameter øD
142 (1.4 l/s)	75
142 (1.6 l/s)	110
157 (2.6 l/s)	75
157 (2.8 l/s)	110
218 (4.4 l/s)	110

ACO box channel

ACO customized box channel

Without gully (outlet pipe only)



Outlet diameter

ød1
75
110
125
142
200

Outlet lenght

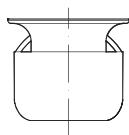
F

F	
36	<input checked="" type="checkbox"/>
58	<input checked="" type="checkbox"/>
150	<input checked="" type="checkbox"/>
Custom	<input checked="" type="checkbox"/>

Step 5 - Accessories

Foul air trap (FAT)

With FAT

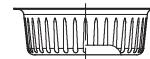


Without FAT



Silt basket

With Silt basket



Without Silt basket

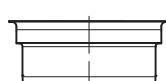


Raising piece

Location flange (a)



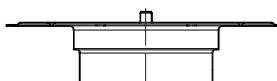
a



Bonding flange (b)



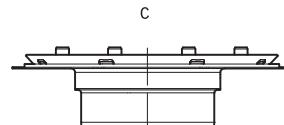
b



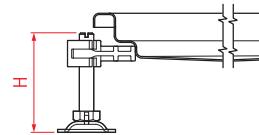
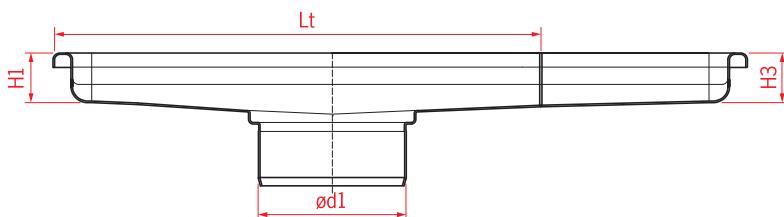
Clamping flange (c)



c



Step 6 - Delivery requirements

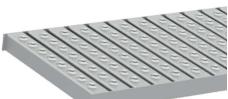


Transport connection	Connection type	
	Welded on site	Rubber seal
Length Lt	6000 (standard)	<input checked="" type="checkbox"/>
	3000	<input type="checkbox"/>
	2000	<input checked="" type="checkbox"/>

ACO EasyFix levelling feet H
80 (standard)
110
170
200

Step 7 - Gratings

			
ACO hygienic ladder grating	ACO hygienic cast grating	ACO mesh grating	ACO slot cover
Slip resistant	Slip resistant	Slip resistant	<input type="checkbox"/> Load class
Load class	Load class	Plain	<input type="checkbox"/> R 50 (valid up to $W_o = 800$)
R 50 (valid up to $W_o = 800$)	M 125 (valid up to $W_o = 500$)	L 15 (valid up to $W_o = 1000$)	<input type="checkbox"/> M 125 (valid up to $W_o = 300$)
M 125 (valid up to $W_o = 500$)		R 50 (max. $W_o = 300$) (valid up to $W_o = 300$)	<input type="checkbox"/>
N 250 (valid up to $W_o = 300$)		M 125 (max. $W_o = 300$) (valid up to $W_o = 300$)	<input type="checkbox"/>
P 400 (custom)			

		
ACO perforated grating	ACO multi-slot 5 grating	ACO heelsafe grating
<input type="checkbox"/> Load class	<input type="checkbox"/> Load class	<input type="checkbox"/> Load class
L 15 (valid up to $W_o = 300$)	L 15 (valid up to $W_o = 300$)	L 15 (max. $W_o = 300$) (valid up to $W_o = 300$)
	R 50 (max. $W_o = 300$) (valid up to $W_o = 300$)	

Without gratings



Height of gratings E
20
25
30
40

Step 8 - Protective covers



With protective covers

(For more information about protective covers, see page 230.)



ACO slot channel

Introduction

Introduction

ACO slot channel portfolio

The ACO slot channel range covers channels for all common applications and all common floor types (concrete, tiles, resin or vinyl). Selecting a channel from the range is easy. The unique variability of the whole portfolio allows choosing the right channel according to all customers' needs.

Channel's length, depth and outlet position are just a few of the parameters which can be varied and, regardless of the variations specified, there is no impact on delivery lead times.

ACO slot channel ordering

The dimensions of the ACO slot channel can be easily specified in respect of project requirements. To specify the channel please use the Customization template (see page 109) which will help you to identify the information needed or contact our Sales/Technical department.

ACO slot channel customization

In addition all ACO slot channel can be designed with:

- Special outlet position
- Special depth
- Special slope
- Special slot channel width
- L-shape and T-shape layout
- Special side inlets

To request customised ACO slot channel, please contact our Sales/technical department.

ACO slot channel system overview

ACO slot channel - fixed height solution



ACO channel

ACO slot channel - telescopic solution



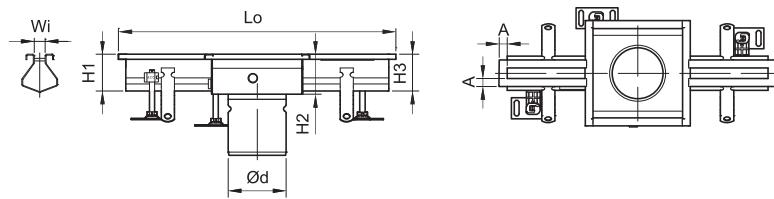
ACO slot channel - semi-standard

Product information

The dimensions of the ACO slot channel for concrete, tiles and resin floor can be easily specified in respect of project requirements.

- Tested and certified according to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, pickled and passivated
- 1.5 mm material thickness
- ACO slot channel 8 or 20 mm
- Length – up to customer request
- Longitudinal slopes of the channel bottom 1-5 %
- Standardized widths
- Outlet position central or variable in longitudinal axis
- Adjustable EasyFix levelling feet
- Anchors for fixing in concrete
- Protective cover available.
See page 230 for more details

Order information



External (overall) width Wi [mm]	Dimension of edge A [mm]	Length of channel Lo	Height at outlet of channel H2	Height at end of channel H1 and H3
20	15	Variable *	50-200	50-200
8	folded		50-200	50-200

* The maximum transportable length of channel is 6 000 mm. Long channels over 6 000 mm are standardly divided in 6 m sections with transport joins.

ACO customized slot channel

Product information

The dimensions of the ACO customized slot channel for concrete, tiles and resin floor can be easily specified in respect of project requirements.

- Tested and certified according to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, pickled and passivated
- 1.5 mm material thickness
- Slot of channel 8 or 20
- Length – up to customer request
- Longitudinal slopes of the channel bottom 1-5 %
- Outlet position central or variable in longitudinal axis
- Adjustable EasyFix levelling feet
- Anchors for fixing in concrete
- Protective covers available for gully tops. See page 230 for more details

Instructions

Please define channel dimensions by filling out required entry fields.

Step 1 - Material



Stainless steel grade 1.4301 (AISI 304)



Stainless steel grade 1.4404 (AISI 316L)

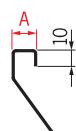
Step 2 - Edge profiles



Detail of the Edge profile



Standard

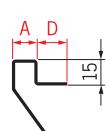


A	15	25
Rubber edge infill	<input type="checkbox"/>	<input type="checkbox"/>
Steel edge infill	<input type="checkbox"/>	<input type="checkbox"/>
No edge infill	<input type="checkbox"/>	<input type="checkbox"/>

Folded



Extended



A	15	25
Rubber edge infill	<input type="checkbox"/>	<input type="checkbox"/>
Steel edge infill	<input type="checkbox"/>	<input type="checkbox"/>
No edge infill	<input type="checkbox"/>	<input type="checkbox"/>

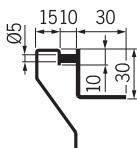
Folded with flange



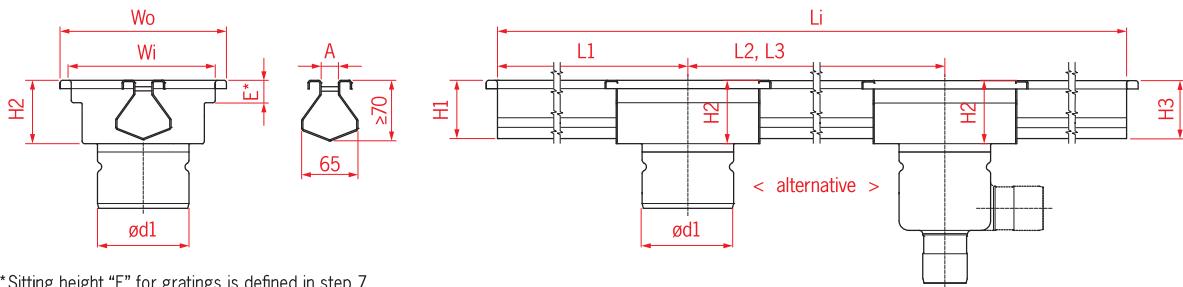
D	50	Custom
<input type="checkbox"/>	<input type="checkbox"/>	



L profile



Step 3 - Channel dimensions



*Sitting height "E" for gratings is defined in step 7

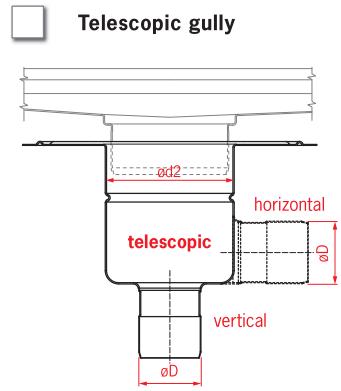
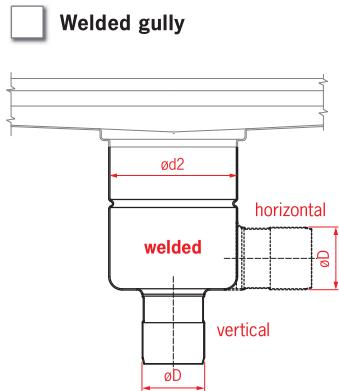
Gully top dimension Wo	Channel outlet d1	
200 x 200	75	<input type="checkbox"/>
200 x 200	110	<input type="checkbox"/>
200 x 200	125	<input type="checkbox"/>
250 x 250	142	<input type="checkbox"/>
300 x 300	200	<input type="checkbox"/>
Customized width		<input type="checkbox"/>

Slot dimension A	
8	<input type="checkbox"/>
20	<input type="checkbox"/>

Channel bottom height	
H2	
Slope	
No	
Yes - slope 1%	
Yes - height defined	
H1	<input type="checkbox"/>
(If you require values below 70 mm, please contact technical support)	
H3	<input type="checkbox"/>

Channel lengths	
L1	<input type="checkbox"/>
L1	<input type="checkbox"/>
L2	<input type="checkbox"/>
L3	<input type="checkbox"/>

Step 4 - Gully



Location flange
(For telescopic gully only)

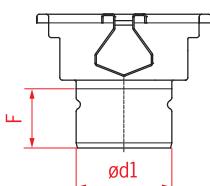
Bonding flange
(For telescopic gully only)

Clamping flange
(For telescopic gully only)

Vertical outlet		
Gully body diameter ød2	Outlet pipe diameter øD	
142 (1.4 l/s)	75	<input type="checkbox"/>
142 (1.6 l/s)	110	<input type="checkbox"/>
157 (2.7 l/s)	75	<input type="checkbox"/>
157 (3.5 l/s)	110	<input type="checkbox"/>
218 (5.0 l/s)	110	<input type="checkbox"/>
218 (5.0 l/s)	160	<input type="checkbox"/>

Horizontal outlet		
Gully body diameter ød2	Outlet pipe diameter øD	
142 (1.4 l/s)	75	<input type="checkbox"/>
142 (1.6 l/s)	110	<input type="checkbox"/>
157 (2.6 l/s)	75	<input type="checkbox"/>
157 (2.8 l/s)	110	<input type="checkbox"/>
218 (4.4 l/s)	110	<input type="checkbox"/>

Without gully (outlet pipe only)



Channel outlet

Outlet diameter

Wo	ød1
200 x 200	75
200 x 200	110
200 x 200	125
250 x 250	142
300 x 300	200

Outlet lenght

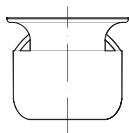
F

36	<input type="checkbox"/>
58	<input type="checkbox"/>
150	<input type="checkbox"/>
Custom	<input type="checkbox"/>

Step 5 - Accessories

Foul air trap (FAT)

With FAT



Without FAT

Raising piece

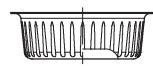
Location flange (a)

Bonding flange (b)

Clamping flange (c)

Silt basket

With Silt basket

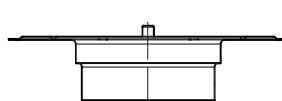


Without Silt basket

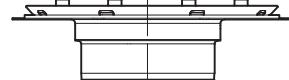
a



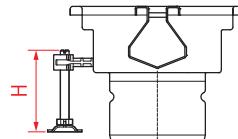
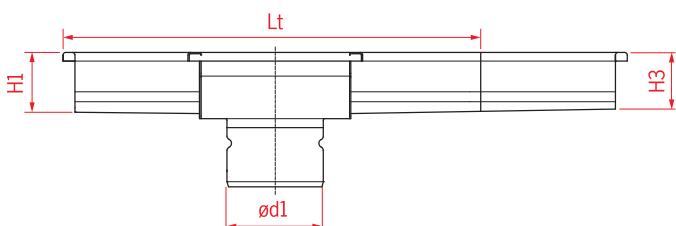
b



c



Step 6 - Delivery requirements



Transport connection Lt

6000 (standard)

3000

2000

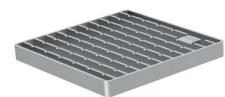
ACO EasyFix levelling feet H

80 (standard)

110

170

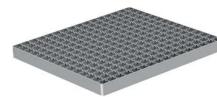
200

Step 7 - Gratings

ACO hygienic ladder grating	<input type="checkbox"/>
Slip resistant	<input type="checkbox"/>
Load class	<input type="checkbox"/>
R 50 (valid up to Wo = 300)	<input type="checkbox"/>
M 125 (valid up to Wo = 300)	<input type="checkbox"/>
C 250 (valid up to Wo = 300)	<input type="checkbox"/>



ACO hygienic cast grating	<input type="checkbox"/>
Slip resistant	<input type="checkbox"/>
Load class	<input type="checkbox"/>
M 125 (valid up to Wo = 300)	<input type="checkbox"/>



ACO mesh grating	<input type="checkbox"/>
Slip resistant	<input type="checkbox"/>
Plain	<input type="checkbox"/>
Load class	<input type="checkbox"/>
L 15 (valid up to Wo = 300)	<input type="checkbox"/>
R 50 (valid up to Wo = 300)	<input type="checkbox"/>



ACO slot cover	<input type="checkbox"/>
Load class M 125 (valid up to Wo = 300)	<input type="checkbox"/>



ACO perforated grating	<input type="checkbox"/>
Load class	<input type="checkbox"/>
L 15 (valid up to Wo = 300)	<input type="checkbox"/>
R 50 (valid up to Wo = 300)	<input type="checkbox"/>



ACO multi-slot 5 grating	<input type="checkbox"/>
Load class	<input type="checkbox"/>
L 15 (valid up to Wo = 300)	<input type="checkbox"/>
R 50 (valid up to Wo = 300)	<input type="checkbox"/>



ACO heelsafe grating	<input type="checkbox"/>
Load class L 15 (valid up to Wo = 300)	<input type="checkbox"/>

 Without grating

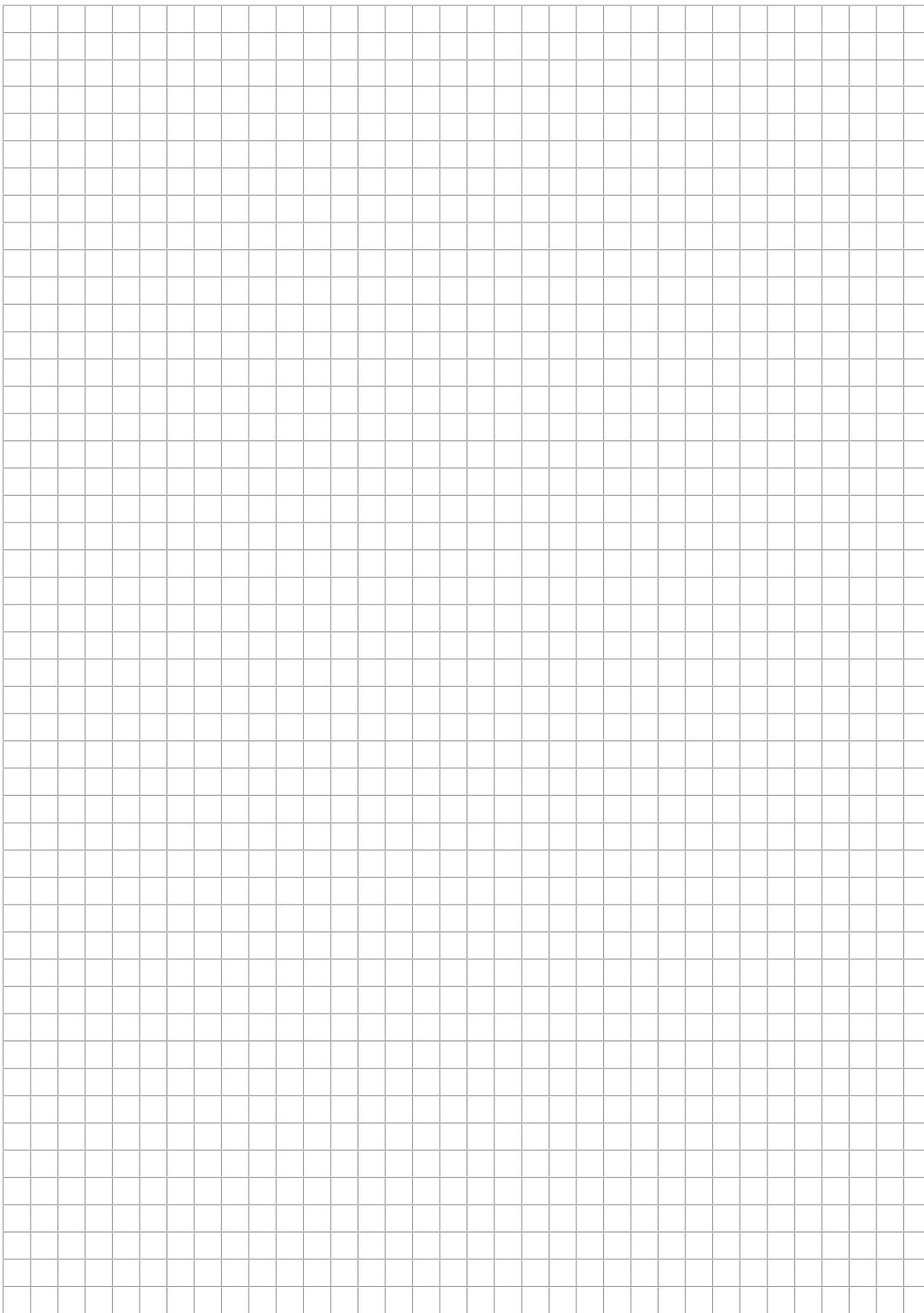
Height of gratings E	
20	<input type="checkbox"/>
25	<input type="checkbox"/>
30	<input type="checkbox"/>
40	<input type="checkbox"/>

Step 8 - Protective covers

- With protective covers (Only available for outlet units)
For more information about protective covers, see page 230.)



Your specification/shape of the channel, outlet position



ACO channel

ACO modular channel

Introduction

Introduction

ACO modular channel portfolio

The ACO modular channel range includes channels for all common applications and all common floor types (concrete, tiles, resin or vinyl). Selecting a channel from the range is easy. The unique variability of the whole portfolio makes it easy to choose the right channel according to a specific customer's needs.

Channel's length, depth and outlet position

are just a few of the parameters which can be varied and, regardless of the variations specified, there is no impact on delivery lead times.

ACO modular channel ordering

The dimensions of the ACO modular channel can be easily specified in respect of project requirements.

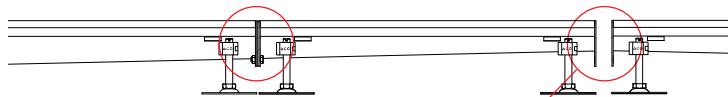
ACO modular channel customization

In addition, all ACO modular channels can be designed to a special length.

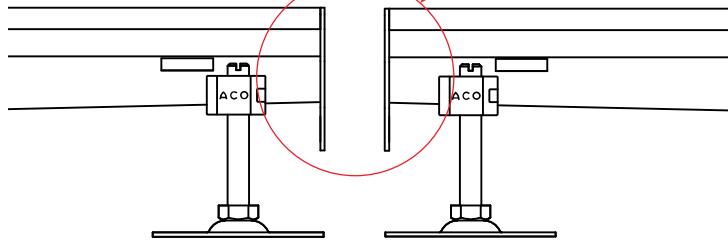
To request customised ACO modular channel, please contact our Sales/Technical department.

ACO modular sloped channel connection

Sloped channels are provided with rubber seal at the deep end of the channel only.



If your design plan includes channels connection at shallow ends, make sure that appropriate amount of rubber seals is included in your order.



ACO modular channel system overview



ACO modular box channel 125



ACO modular box channel 200

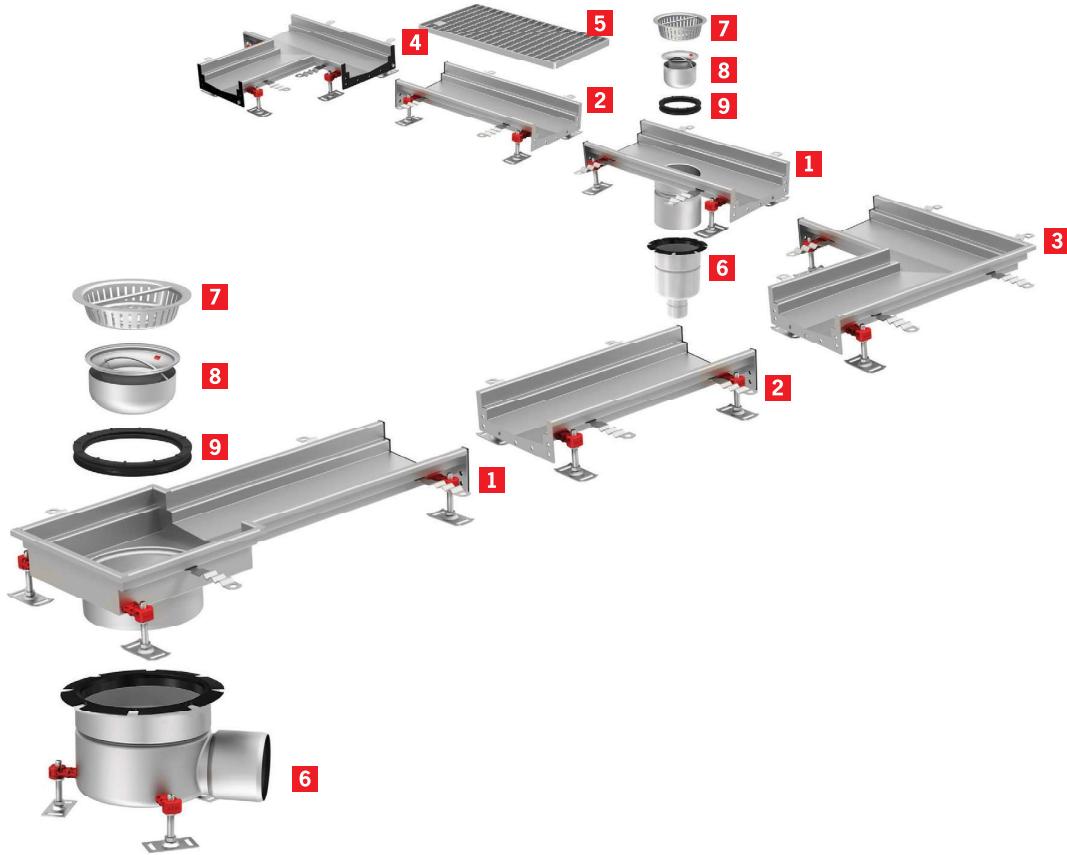


ACO modular slot channel 20

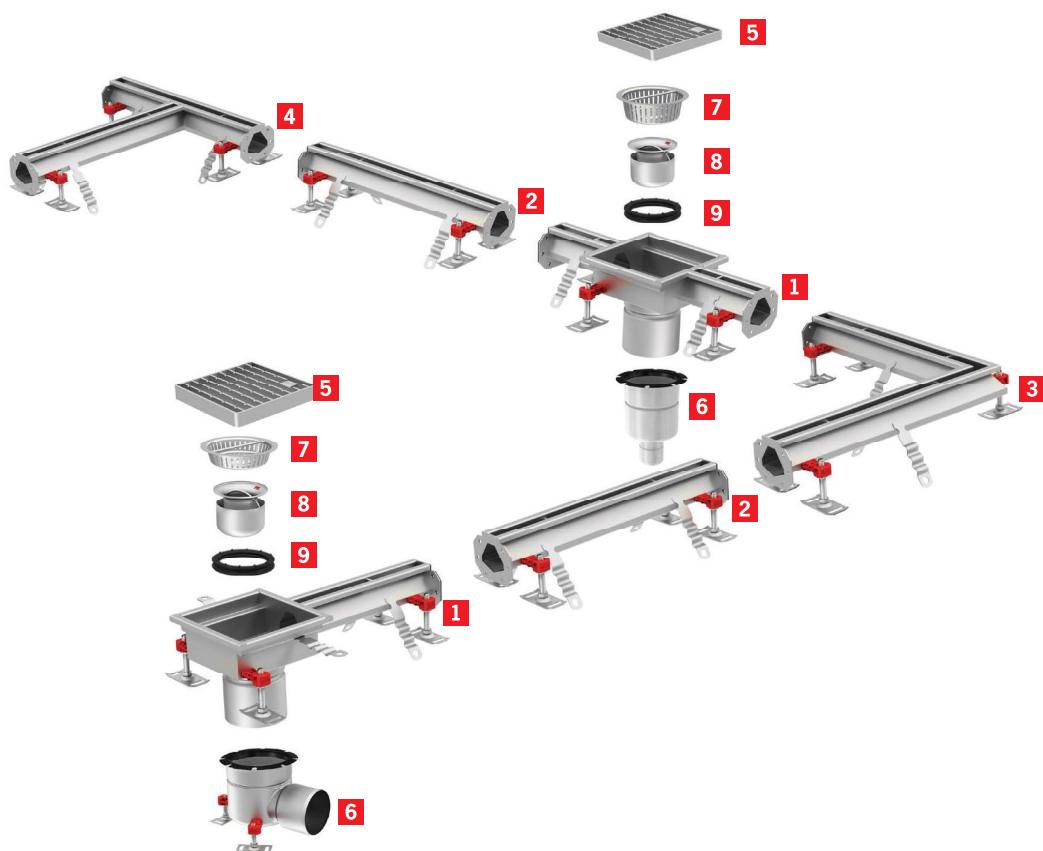


ACO gully
with accessories

ACO modular box channel system overview



ACO modular slot channel system overview



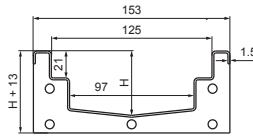
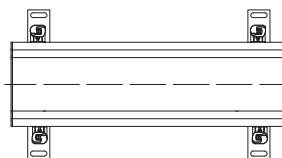
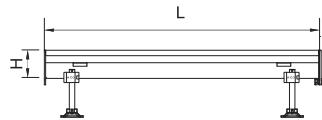
- | | | | |
|----------|---|----------|-----------------------|
| 1 | Outlet unit | 6 | Gully |
| 2 | Level invert and sloping invert channel | 7 | Silt basket |
| 3 | Corner unit | 8 | Foul air trap |
| 4 | Branch unit | 9 | Foul air trap support |
| 5 | Grating | | |

ACO modular box channel 125 - standard articles**Product information**

Modular concept allows specification of standard channel units to surround machinery and fit within existing tiling patterns.

Vee-bottomed (V) profiled channel for enhanced flow efficiency at low flow rates and for improved self cleaning performance.

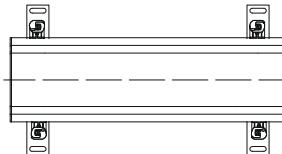
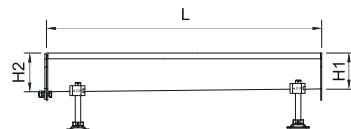
- Fully compliant to EN 1253
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully pickled and passivated
- Easy and secure telescopic connection with gully
- Cut on demand items available to minimize works on site
- Wide range of gratings for load class up to C 250 (EN 1433)

**Level invert channel**

Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
500	50	105119	407211
	65	105120	407212
	80	105121	407213
	95	105122	407214
	110	105123	407215
	125	105124	407216
1000	50	105127	407217
	65	105128	407218
	80	105129	407219
	95	105130	407220
	110	105131	407221
	125	105132	407222
2000	50	105135	407223
	65	105136	407224
	80	105137	407225
	95	105138	407226
	110	105139	407227
	125	105140	407228
3000	50	105143	407229
	65	105144	407230
	80	105145	407231
	95	105146	407232
	110	105147	407233
	125	105148	407234

Note: Items are equipped with seal and connecting material on one side.

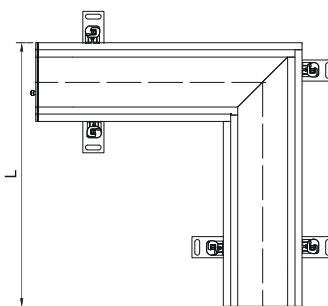
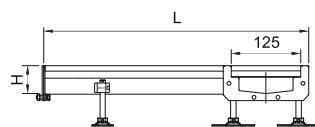
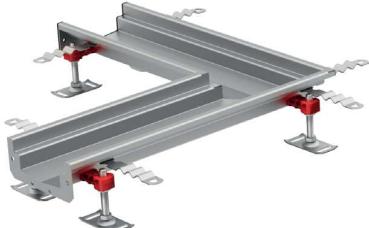
Sloping invert channel



L [mm]	Dimensions		Item number	
	H1 [mm]	H2 [mm]	1.4301	1.4404
500	50	65	105151	407235
	65	80	105152	407236
1000	50	65	105155	407237
	65	80	105156	407238
	80	95	105157	407239
	95	110	105158	407240
2000	50	65	105161	407241
	65	80	105162	407242
	80	95	105163	407243
	95	110	105164	407244
	110	125	105165	407245
3000	50	65	105168	407246
	65	80	105169	407247
	80	95	105170	407248
	95	110	105171	407249
	110	125	105172	407250
6000	50	80	408821	408824
	65	95	408822	408825
	95	125	408823	408826

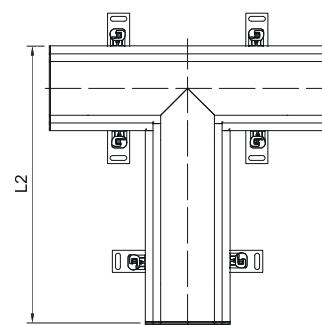
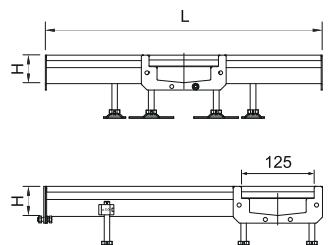
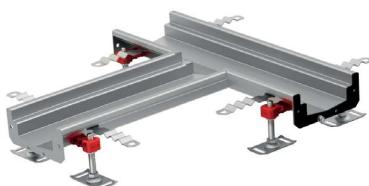
Note: Items are equipped with seal and connecting material on deeper side only. See page 114 for more details.



Corner unit

Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
515	50	409812	409818
	65	409813	409819
	80	409814	409820
	95	409815	409821
	110	409816	409822
	125	409817	409823

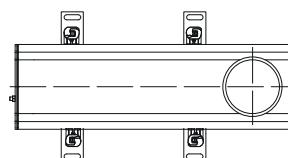
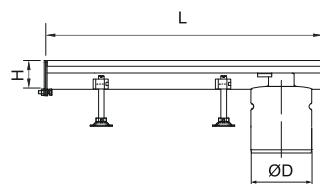
Note: Items are equipped with seal and connecting material on one side.

Branch unit

Dimensions		Item number		
L1 [mm]	L2 [mm]	H [mm]	1.4301	1.4404
500	515	50	409824	409830
		65	409825	409831
		80	409826	409832
		95	409827	409833
		110	409828	409834
		125	409829	409835

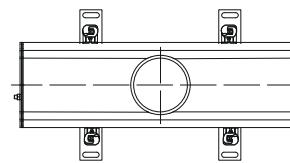
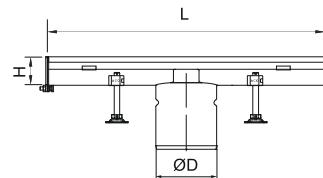
Note: Items are equipped with seal and connecting material on one side.

End outlet



Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]			1.4301	1.4404
500	50	ACO gully EG150	110	105175	407251
	65			105176	407252
	80			105177	407253
	95			105178	407254
	110			105179	407255
	125			105180	407256
1000	50	ACO hygienic gully 142	125	105183	407257
	65			105184	407258
	80			105185	407259
	95			105186	407260
	110			105187	407261
	125			105188	407262
500	50	ACO hygienic gully 157	142	415946	415991
	65			415947	415992
	80			415948	415993
	95			415949	415994
	110			415950	415995
	125			415951	415996
1000	50	ACO hygienic gully 142	125	415952	415997
	65			415953	415998
	80			415954	415999
	95			415955	416000
	110			415956	416001
	125			415957	416002
500	50	ACO hygienic gully 157	142	409732	409733
	65			409736	409737
	80			409740	409741
	95			409744	409745
	110			409724	409725
	125			409728	409729
1000	50	ACO hygienic gully 157	142	409708	409709
	65			409712	409713
	80			409716	409717
	95			409720	409721
	110			409700	409701
	125			409704	409705

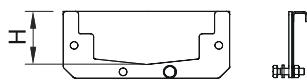
Note: Items are equipped with seal and connecting material on one side.

Centre outlet

Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]		ØD [mm]	1.4301	1.4404
500	50	ACO gully EG150	110	105191	407263
	65			105192	407264
	80			105193	407265
	95			105194	407266
	110			105195	407267
	125			105196	407268
1000	50	ACO hygienic gully 142	125	105199	407269
	65			105200	407270
	80			105201	407271
	95			105202	407272
	110			105203	407273
	125			105204	407274
500	50	ACO hygienic gully 157	142	415958	416003
	65			415959	416004
	80			415960	416005
	95			415961	416006
	110			415962	416007
	125			415963	416008
1000	50	ACO hygienic gully 157	142	415964	416009
	65			415965	416010
	80			415966	416011
	95			415967	416012
	110			415968	416013
	125			415969	416014
500	50	ACO hygienic gully 157	142	409734	409735
	65			409738	409739
	80			409742	409743
	95			409746	409747
	110			409726	409727
	125			409730	409731
1000	50	ACO hygienic gully 157	142	409710	409711
	65			409714	409715
	80			409718	409719
	95			409722	409723
	110			409702	409703
	125			409706	409707

Note: Items are equipped with seal and connecting material on one side.

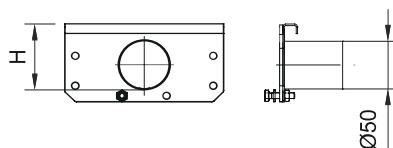
End plate



Dimensions		Item number	
H [mm]		1.4301	1.4404
50		105100	407196
65		105101	407197
80		105102	407198
95		105103	407199
110		105104	407200
125		105105	407201

Note: Items are equipped with seal and connecting material.

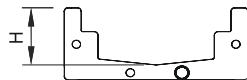
End plate with 50 mm outlet



Dimensions		Item number	
H [mm]		1.4301	1.4404
65		409114	409119
80		409115	409120
95		409116	409121
110		409117	409122
125		409118	409123

Note: Items are equipped with seal and connecting material.

Seal rubber



Dimensions		Item number	
H [mm]		NBR	
50		413587	
65		413588	
80		413589	
95		413590	
110		413591	
125		413592	

Note: Items include seal and connecting material.

ACO modular channel

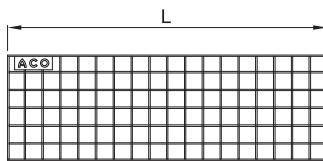
Gratings for ACO modular box channel 125

Gratings for ACO modular box channel 125

Product information

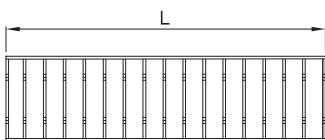
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Special length 375 mm for branches and corner units
- Slip resistant gratings available for added user safety
- Load classes A 15, B 125 and C 250

ACO mesh grating



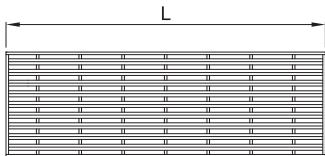
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	No	1.4301	414132
			1.4404	414182
		Yes	1.4301	414130
			1.4404	414180
	C 250	No	1.4301	414133
			1.4404	414183
		Yes	1.4301	414131
			1.4404	414181
500	A 15	No	1.4301	21720
			1.4404	21725
		Yes	1.4301	21710
			1.4404	21715
	C 250	No	1.4301	21920
			1.4404	21925
		Yes	1.4301	21910
			1.4404	21915
1000	A 15	No	1.4301	21620
			1.4404	21625
		Yes	1.4301	21610
			1.4404	21615
	C 250	No	1.4301	21820
			1.4404	21825
		Yes	1.4301	21810
			1.4404	21815

ACO ladder grating



Length L [mm]	Load class	Slip resistant	Material	Item number
375	C 250	Yes	1.4301	414134
			1.4404	414184
500	C 250	Yes	1.4301	21740
			1.4404	21745
1000	C 250	Yes	1.4301	21741
			1.4404	21746

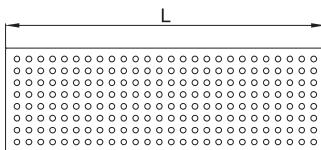
ACO heelsafe grating



Length L [mm]	Load class	Slip resistant	Material	Item number
375	B 125	No	1.4301	414135
			1.4404	414185
500	B 125	No	1.4301	96819
			1.4404	401238
1000	B 125	No	1.4301	96818
			1.4404	401237

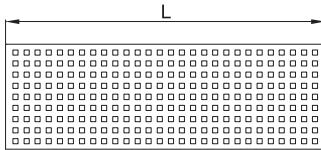
ACO modular channel
Gratings for ACO modular box channel 125

ACO perforated grating



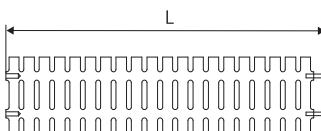
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	No	1.4301	414136
			1.4404	414186
	B 125	No	1.4301	414137
			1.4404	414187
500	A 15	No	1.4301	21760
			1.4404	21765
	B 125	No	1.4301	21960
			1.4404	21965
1000	A 15	No	1.4301	21660
			1.4404	21665
	B 125	No	1.4301	21860
			1.4404	21865

ACO quadrato grating



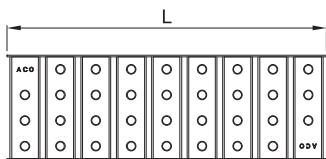
Length L [mm]	Load class	Slip resistant	With lock	Material	Item number
375	A 15	No	No	1.4301	414138
				1.4404	414188
500	A 15	No	No	1.4301	105530
				1.4404	413999
	A 15	Yes	Yes	1.4301	105528
				1.4404	407925
1000	A 15	No	No	1.4301	105529
				1.4404	413998
	A 15	Yes	Yes	1.4301	105527
				1.4404	407924

ACO plastic grating



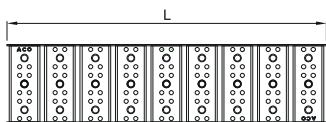
Length L [mm]	Load class	Slip resistant	Material	Item number
500	A 15	No	-	21790
1000	A 15	No	-	21690

ACO multi-slot 5 grating



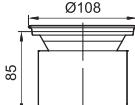
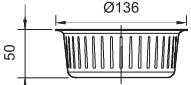
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	Yes	1.4301	414139
			1.4404	414189
500	A 15	Yes	1.4301	409290
			1.4404	409291
1 000	B 125	Yes	1.4301	409294
			1.4404	409295
	A 15	Yes	1.4301	409286
			1.4404	409287
	B 125	Yes	1.4301	409236
			1.4404	409237

ACO multi-slot 8 grating



Length L [mm]	Load class	Slip resistant	Material	Item number
500	A 15	Yes	1.4301	415739
			1.4404	415740
500	B 125	Yes	1.4301	415747
			1.4404	415748
500	C 250	Yes	1.4301	415753
			1.4404	415754
1 000	A 15	Yes	1.4301	415735
			1.4404	415736
1 000	B 125	Yes	1.4301	415743
			1.4404	415744
1 000	C 250	Yes	1.4301	415751
			1.4404	415752

Accessories for ACO modular box channel 125

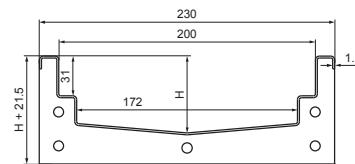
	Description	Used with	Material	Item number
	Sieve ■ Stainless steel	■ ACO modular box channel 125 with outlet 110 mm	1.4301	97235
			1.4404	97285
	Foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO modular box channel 125 with outlet 110 mm	1.4301	97217
			1.4404	97267
	Silt basket ■ Stainless steel ■ 0.5 litre capacity	■ ACO modular box channel 125 with outlet 125 and 142 mm	1.4301	414339
			1.4404	414340

ACO modular box channel 200 - standard articles

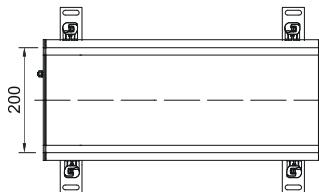
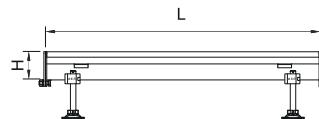
Product information

Modular concept allows specification of standard channel units to surround machinery and fit within existing tiling patterns.

- Fully compliant to EN 1253
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully pickled and passivated
- Easy and secure telescopic connection with gully
- Cut on demand items available to minimize works on site
- Wide range of gratings for load class up to C 250 (EN 1433)

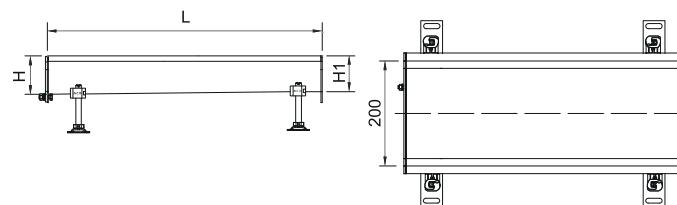


Level invert channel



Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
500	60	409072	409050
	70	409047	409051
	80	409048	409052
	100	409049	409053
1000	60	401859	401860
	70	409054	409057
	80	409055	409058
	100	409056	409059
2000	60	401875	401876
	70	409060	409063
	80	409061	409064
	100	409062	409065
3000	60	401895	401896
	70	409066	409069
	80	409067	409070
	100	409068	409071

Note: Items are equipped with seal and connecting material on one side.

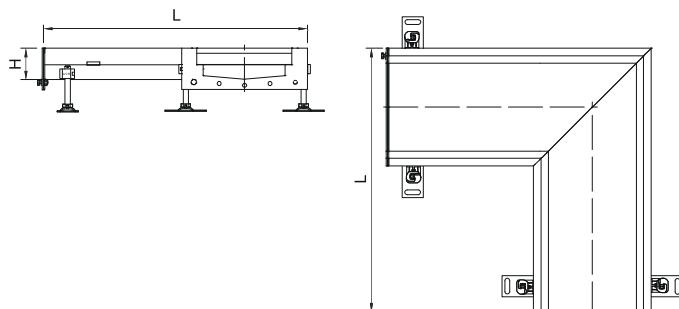
Sloping invert channel

Dimensions			Item number	
L [mm]	H1 [mm]	H2 [mm]	1,4301	1,4404
500	55	60	401855	401856
	60	70	401871	401872
	70	80	402464	402465
	80	90	402466	402467
	90	100	402468	402469
	100	110	402470	402471
1000	60	70	401887	401888
	70	80	402472	402473
	80	90	402474	402475
	90	100	402476	402477
	100	110	402478	402479
	110	120	402480	402481
2000	60	80	402482	402483
	80	100	402484	402485
	100	120	402486	402487
	120	140	402488	402489
3000	60	100	408827	408829
	100	140	408828	408830
6000	60	100		
	100	140		

Note: Items are equipped with seal and connecting material on deeper side only. See page 114 for more details.



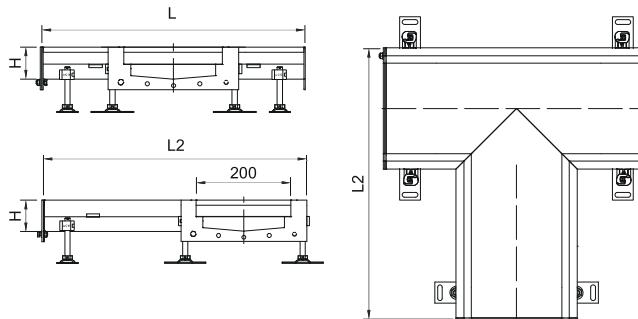
Corner unit



Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
515	60	401921	401922
	80	402490	402491
	100	402492	402493

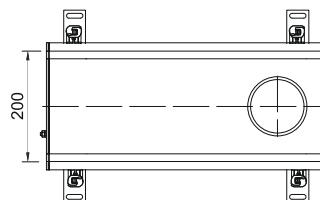
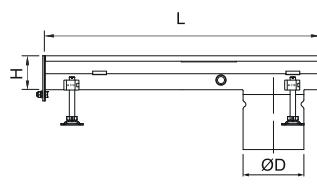
Note: Items are equipped with seal and connecting material on one side.

Branch unit



Dimensions			Item number	
L [mm]	H1 [mm]	H2 [mm]	1.4301	1.4404
500	515	60	401933	401934
		80	402494	402495
		100	402496	402497

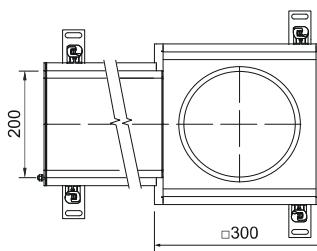
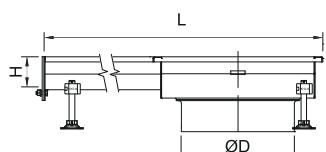
Note: Items are equipped with seal and connecting material on one side.

End outlet

Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]		ØD [mm]	1.4301	1.4404
500	60	ACO gully EG150	110	414275	414283
	70			414276	414284
	80			414277	414285
	90			414278	414286
	100			414279	414287
	110			414280	414288
	120			414281	414289
	140			414282	414290
1000	60	ACO gully EG150	110	414291	414299
	70			414292	414300
	80			414293	414301
	90			414294	414302
	100			414295	414303
	110			414296	414304
	120			414297	414305
	140			414298	414306
500	60	ACO hygienic gully 157	142	409900	409908
	70			409901	409909
	80			409902	409910
	90			409903	409911
	100			409904	409912
	110			409905	409913
	120			409906	409914
	140			409907	409915
1000	60	ACO hygienic gully 157	142	409932	409940
	70			409933	409941
	80			409934	409942
	90			409935	409943
	100			409936	409944
	110			409937	409945
	120			409938	409946
	140			409939	409947

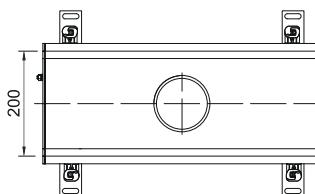
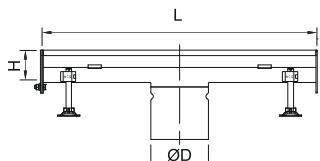
Note: Note: Items are equipped with seal and connecting material on one side.

End outlet



Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]		ØD [mm]	1.4301	1.4404
785	60	ACO hygienic gully 218	200	414259	414267
	70			414260	414268
	80			414261	414269
	90			414262	414270
	100			414263	414271
	110			414264	414272
	120			414265	414273
	140			414266	414274

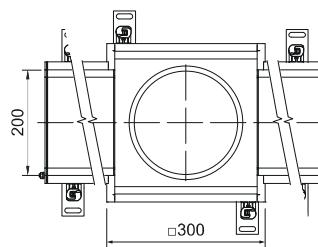
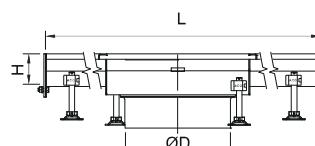
Note: Items are equipped with seal and connecting material on one side.

Centre outlet

Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]		ØD [mm]	1.4301	1.4404
500	60	ACO gully EG150	110	414307	414315
	70			414308	414316
	80			414309	414317
	90			414310	414318
	100			414311	414319
	110			414312	414320
	120			414313	414321
	140			414314	414322
1000	60	ACO gully EG150	110	414323	414331
	70			414324	414332
	80			414325	414333
	90			414326	414334
	100			414327	414335
	110			414328	414336
	120			414329	414337
	140			414330	414338
500	60	ACO hygienic gully 157	142	409916	409924
	70			409917	409925
	80			409918	409926
	90			409919	409927
	100			409920	409928
	110			409921	409929
	120			409922	409930
	140			409923	409931
1000	60	ACO hygienic gully 157	142	409948	409956
	70			409949	409957
	80			409950	409958
	90			409951	409959
	100			409952	409960
	110			409953	409961
	120			409954	409962
	140			409955	409963

Note: Items are equipped with seal and connecting material on one side.

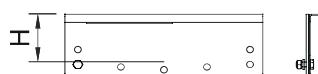
Centre outlet



Dimensions		Gully	Outlet diameter	Item number	
L [mm]	H [mm]		ØD [mm]	1.4301	1.4404
1270	60	ACO hygienic gully 218	200	414243	414251
	70			414244	414252
	80			414245	414253
	90			414246	414254
	100			414247	414255
	110			414248	414256
	120			414249	414257
	140			414250	414258

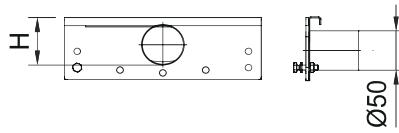
Note: Items are equipped with seal and connecting material on one side.

End plate



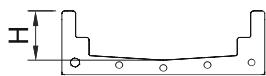
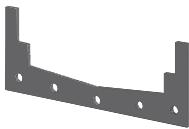
Dimensions [mm]		Item number	
55		402683	402684
60		402028	402029
70		402030	402031
80		402514	402515
90		402032	402033
100		402516	402517
110		402518	402519
120		402036	402037
140		402520	402521

Note: Items are equipped with seal and connecting material.

End plate with 50 mm outlet

Dimensions	Item number	
H [mm]	1.4301	1.4404
55	402001	402002
60	402003	402004
70	402005	402006
80	402034	402035
90	402007	402008
100	402024	402025
110	402020	402021
120	402022	402023
140	401999	402000

Note: Items are equipped with seal and connecting material.

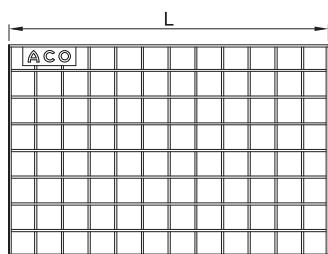
Seal rubber

Dimensions	Item number	
H [mm]	NBR	
60	413593	
70	413594	
80	413595	
90	413596	
100	413597	
110	413598	
120	413599	
140	413600	

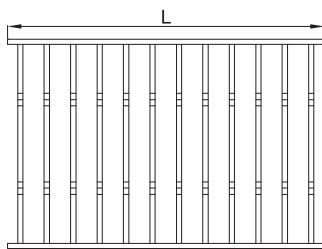
Note: Items include seal and connecting material.

Gratings for ACO modular box channel 200**Product information**

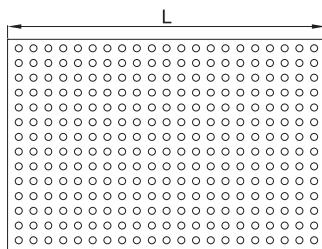
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Special length 300 mm for branches and corner units
- Slip resistant gratings available for added user safety
- Load classes A 15, B 125 and C 250

ACO mesh grating

Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	No	1.4301	414141
		No	1.4404	414191
		Yes	1.4301	414140
		Yes	1.4404	414190
500	A 15	No	1.4301	92207
		No	1.4404	92257
		Yes	1.4301	92200
		Yes	1.4404	92250
1000	A 15	No	1.4301	92208
		No	1.4404	92258
		Yes	1.4301	92201
		Yes	1.4404	92251

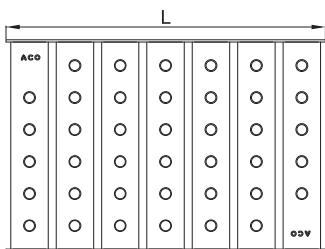
ACO ladder grating

Length L [mm]	Load class	Slip resistant	Material	Item number
300	C 250	Yes	1.4301	414142
			1.4404	414192
500	C 250	Yes	1.4301	92214
			1.4404	92264
1000	C 250	Yes	1.4301	92215
			1.4404	92265

ACO perforated grating

Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	No	1.4301	414143
			1.4404	414193
500	A 15	No	1.4301	402689
			1.4404	405188
1000	A 15	No	1.4301	402688
			1.4404	405187

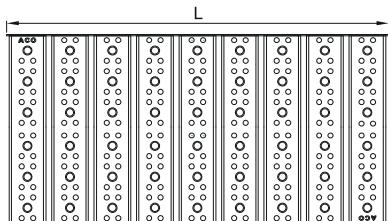
ACO multi-slot 5 grating



Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	Yes	1.4301	414145
			1.4404	414195
500	A 15	Yes	1.4301	409292
			1.4404	409293
1000	B 125	Yes	1.4301	409296
			1.4404	409297
	A 15	Yes	1.4301	409288
			1.4404	409289
	B 125	Yes	1.4301	409240
			1.4404	409241

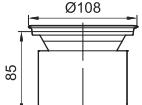
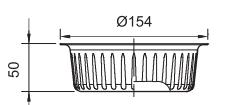
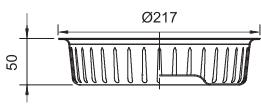
ACO channel

ACO multi-slot 8 grating



Length L [mm]	Load class	Slip resistant	Material	Item number
500	A 15	Yes	1.4301	415741
			1.4404	415742
1000	B 125	Yes	1.4301	415749
			1.4404	415750
	A 15	Yes	1.4301	415737
			1.4404	415738
	B 125	Yes	1.4301	415745
			1.4404	415746

ACO modular channel**Accessories for ACO modular box channel 200****Accessories for ACO modular box channel 200**

	Description	Used with	Material	Item number
	Sieve ■ Stainless steel	■ ACO modular box channel 200 with outlet 110 mm	1.4301	97235
			1.4404	97285
	Foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO modular box channel 200 with outlet 110 mm	1.4301	97217
			1.4404	97267
	Silt basket ■ Stainless steel ■ 0.6 litre capacity	■ ACO modular box channel 200 with outlet 142 mm	1.4301	408202
			1.4404	408212
	Silt basket ■ Stainless steel ■ 1,4 litre capacity	■ ACO modular box channel 200 with outlet 200 mm	1.4301	408222
			1.4404	408232

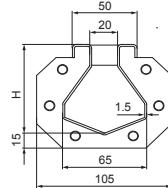
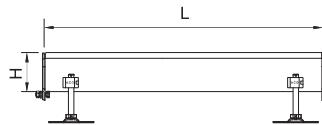
ACO modular slot channel 20 - standard articles**Product information**

Ideal for wash-down applications or as a water break between designed wet and dry areas.

Modular concept allows specification of standard channel units to surround machinery and fit within existing tiling patterns.

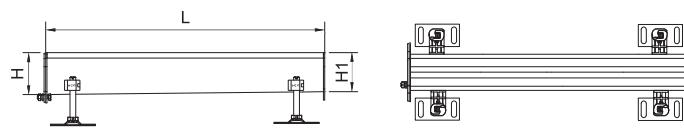
Vee-bottomed (V) profiled channel for enhanced flow efficiency at low flow rates and for improved self cleaning performance.

- Fully compliant to EN 1253
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel, Fully pickled and passivated
- Wide range of gratings for load class up to C 250 (EN 1433)

**Level invert channel**

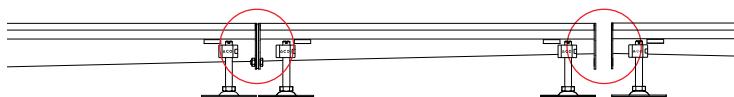
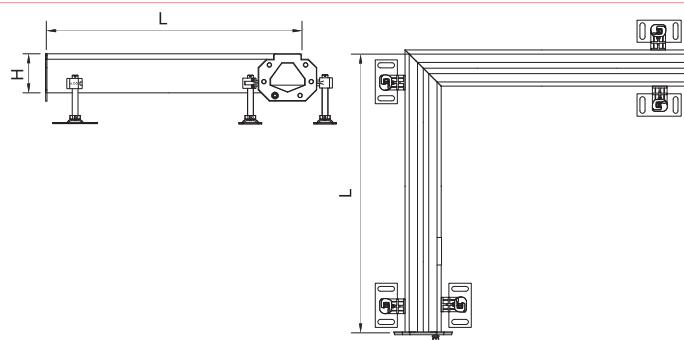
Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
500	70	92300	92350
	90	92301	92351
	120	92302	92352
1000	70	92305	92355
	90	92306	92356
	120	92307	92357
2000	70	92310	92360
	90	92311	92361
	120	92312	92362
3000	70	92316	92366
	90	92317	92367
	120	92318	92368

Note: Items are equipped with seal and connecting material on one side.

Sloping invert channel

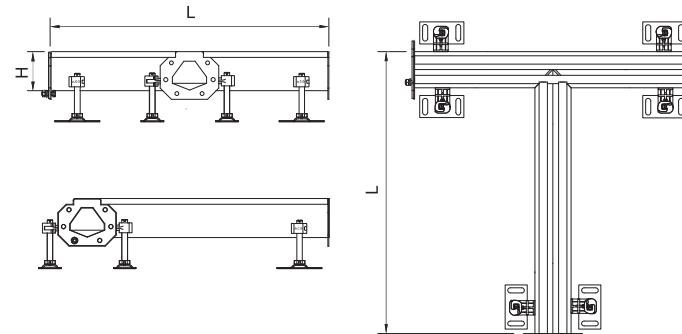
Dimensions			Item number	
L [mm]	H1 [mm]	H2 [mm]	1.4301	1.4404
500	70	75	92303	92353
	75	80	92304	92354
1000	70	75	92308	92358
	75	80	92309	92359
2000	70	80	92313	92363
	80	90	92314	92364
	90	100	92315	92365
3000	70	80	92319	92369
	80	90	92320	92370
	90	100	92321	92371
	100	110	92322	92372
	110	120	92323	92373
6000	70	90	409014	409015
	90	110	409016	409017

Note: Items are equipped with seal and connecting material on deeper side only. See page 114 for more details.

**Corner unit**

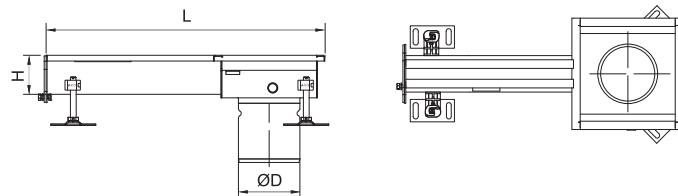
Dimensions			Item number	
L [mm]	H [mm]		1.4301	1.4404
500	70		92338	92388
	75		92339	92389
	80		92340	92390
	90		92341	92391
	100		92342	92392
	110		92343	92393
	120		92344	92394

Note: Items are equipped with seal and connecting material on one side.

Branch unit

Dimensions		Item number	
L [mm]	H [mm]	1.4301	1.4404
500	70	92345	92395
	75	92346	92396
	80	92347	92397
	90	92348	92398
	100	92349	92399
	110	92400	92450
	120	92401	92451

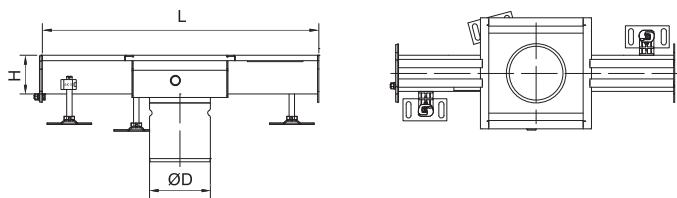
Note: Items are equipped with seal and connecting material on one side.

End outlet

Dimensions		Gully	Gully top [mm]	Outlet diameter	Item number	
L [mm]	H [mm]			ØD [mm]	1.4301	1.4404
500	70	ACO gully EG150	200 x 200	110	414341	414348
	75				414342	414349
	80				414343	414350
	90				414344	414351
	100				414345	414352
	110				414346	414353
	120				414347	414354
	70	ACO hygienic gully 142	200 x 200	125	415925	415970
	75				415926	415971
	80				415927	415972
	90				415928	415973
	100				415929	415974
	110				415930	415975
	120				415931	415976
	70	ACO hygienic gully 157	250 x 250	142	414201	414208
	75				414202	414209
	80				414203	414210
	90				414204	414211
	100				414205	414212
	110				414206	414213
	120				414207	414214

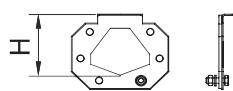
Note: Items are equipped with seal and connecting material on one side.



ACO modular channel**ACO modular slot channel 20 - standard articles****Centre outlet**

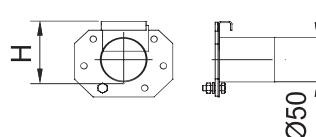
Dimensions		Gully	Gully top [mm]	Outlet diameter	Item number	
L [mm]	H [mm]			ØD [mm]	1.4301	1.4404
500	70	ACO gully EG150	200 x 200	110	414355	414362
	75				414356	414363
	80				414357	414364
	90				414358	414365
	100				414359	414366
	110				414360	414367
	120				414361	414368
1000	70	ACO gully EG150	200 x 200	110	414369	414376
	75				414370	414377
	80				414371	414378
	90				414372	414379
	100				414373	414380
	110				414374	414381
	120				414375	414382
500	70	ACO hygienic gully 142	200 x 200	125	415932	415977
	75				415933	415978
	80				415934	415979
	90				415935	415980
	100				415936	415981
	110				415937	415982
	120				415938	415983
1000	70	ACO hygienic gully 142	200 x 200	125	415939	415984
	75				415940	415985
	80				415941	415986
	90				415942	415987
	100				415943	415988
	110				415944	415989
	120				415945	415990
500	70	ACO hygienic gully 157	250 x 250	142	414215	414222
	75				414216	414223
	80				414217	414224
	90				414218	414225
	100				414219	414226
	110				414220	414227
	120				414221	414228
1000	70	ACO hygienic gully 157	250 x 250	142	414229	414236
	75				414230	414237
	80				414231	414238
	90				414232	414239
	100				414233	414240
	110				414234	414241
	120				414235	414242

Note: Items are equipped with seal and connecting material on one side.

End plate

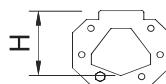
Dimensions	Item number	
H [mm]	1,4301	1,4404
70	92324	92374
75	92325	92375
80	92326	92376
90	92327	92377
100	92328	92378
110	92329	92379
120	92330	92380

Note: Items are equipped with seal and connecting material.

End plate with 50 mm outlet

Dimensions	Item number	
H [mm]	1,4301	1,4404
70	92331	92381
75	92332	92382
80	92333	92383
90	92334	92384
100	92335	92385
110	92336	92386
120	92337	92387

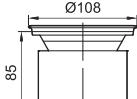
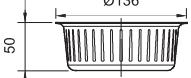
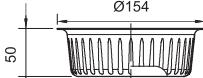
Note: Items are equipped with seal and connecting material.

Seal rubber

Dimensions	Item number	
H [mm]	NBR	
70	413601	
75	413602	
80	413603	
90	413604	
100	413605	
110	413606	
120	413607	

Note: Items include seal and connecting material.

ACO modular channel**Accessories for ACO modular slot channel 20****Accessories for ACO modular slot channel 20**

	Description	Used with	Material	Item number
	Sieve ■ Stainless steel	■ ACO modular slot channel 20 with outlet 110 mm	1.4301	97235
			1.4404	97285
	Foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO modular slot channel 20 with outlet 110 mm	1.4301	97217
			1.4404	97267
	Silt basket ■ Stainless steel ■ 0.5 litre capacity	■ ACO modular slot channel 20 with outlet 125 mm	1.4301	414339
			1.4404	414340
	Silt basket ■ Stainless steel ■ 0.6 litre capacity	■ ACO modular slot channel 20 with outlet 142 mm	1.4301	408202
			1.4404	408212

ACO modular channel - semi-standard

Product information

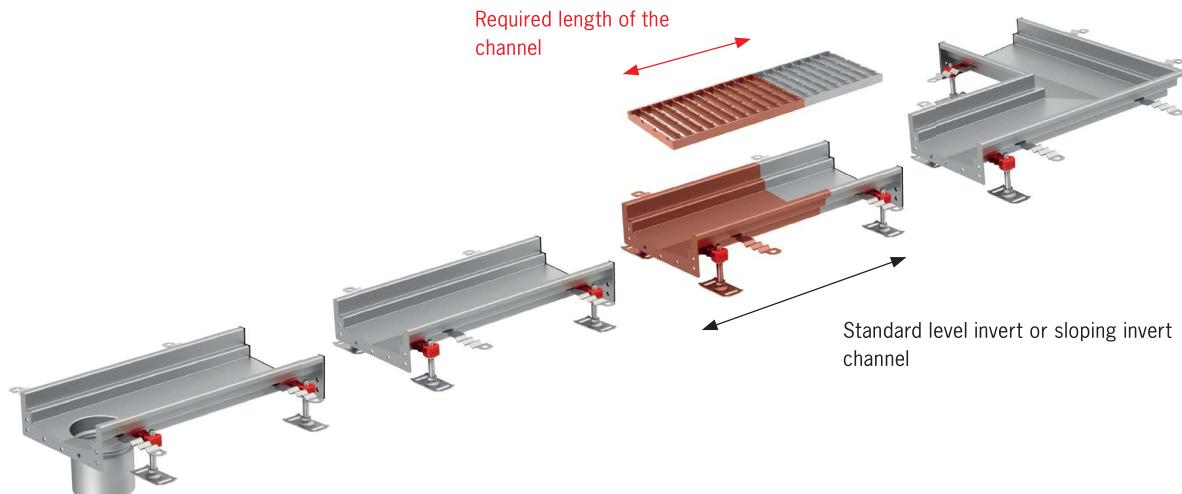
Semi-standard items offer/provide easy and fast way to get a slot or box channel of a special length to complete a linear drainage project with standard stock items. Simply specify the length you need.

How to specify semi-standard items:

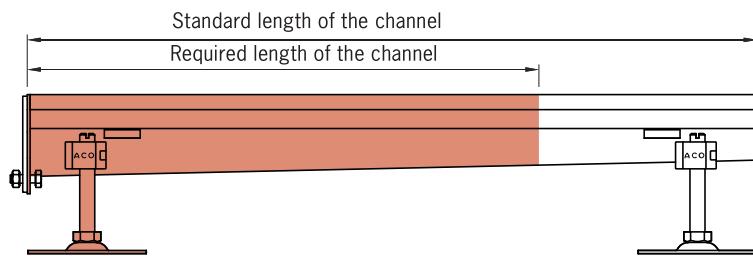
Specify the part number from which the semi-standard item will be produced.

How it works:

The semi-standard item is produced from a standard stock item (level invert and sloping invert channels only) which is shortened according to customer's need. The shortened item is then equipped with flange and sealing; to fit the following channel in the drainage project. Grating of the same length is also produced.



- Specify the required length of the item (length always starts at lower height of channel if channel with invert slope used).



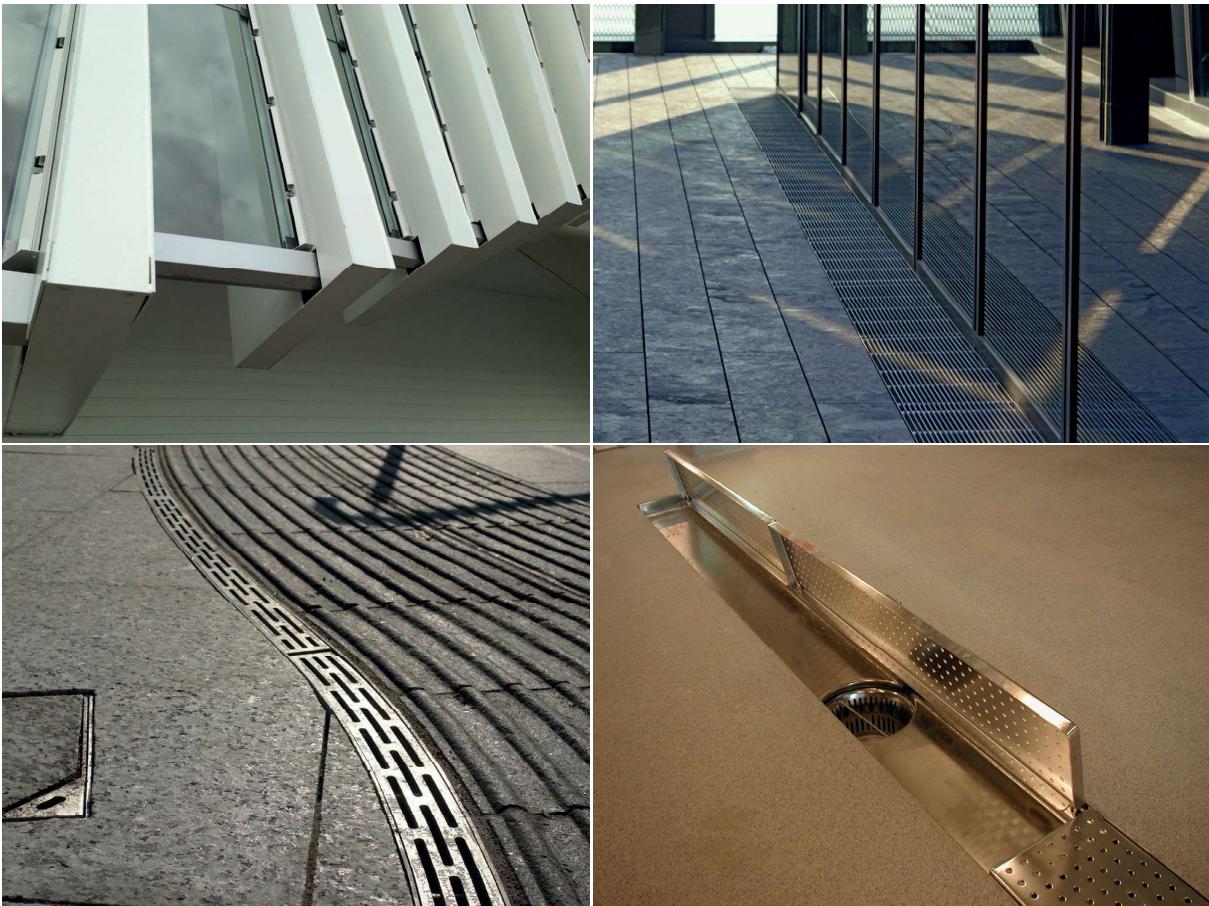
ACO design channel

Product information

Even atypical solutions can be easily realised using stainless steel. The broad spectrum of finishes and shapes gives complete design freedom.

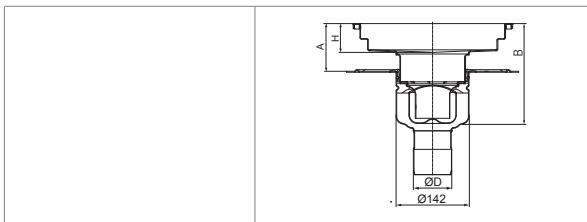
Customers' individual channel designs will be managed by our expert team with tailor-made services for specific projects with full proposal information, CAD layout drawings and assembly instructions.

Contact our Sales/Technical department team and we will help you with your project.



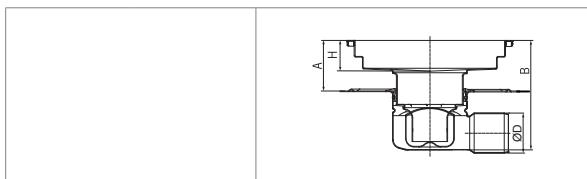
Flow rates and Construction heights

ACO channel, ACO hygienic gully 142



Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 85	A max. = 115
		B min. = 194	B max. = 224
75	Vertical	1.4	1.7
110		1.6	1.9

ACO channel



Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 75	A max. = 115
		B min. = 185	B max. = 245
75	Horizontal	1.4	1.7
110		1.6	1.9

Notes:

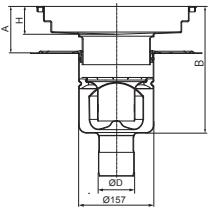
A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

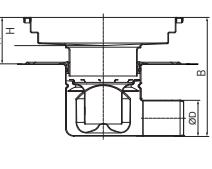
Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

Flow rates and Construction heights

Flow rates and Construction heights

ACO channel, ACO hygienic gully 157

			
Outlet diameter	Outlet position	Flow rate [l/s]	
$\varnothing D$	Vertical	$H = 60 \text{ mm}$	
		A min. = 85	A max. = 115
		B min. = 232	B max. = 262
75	Vertical	2.9	3.1
110		3.9	4.2

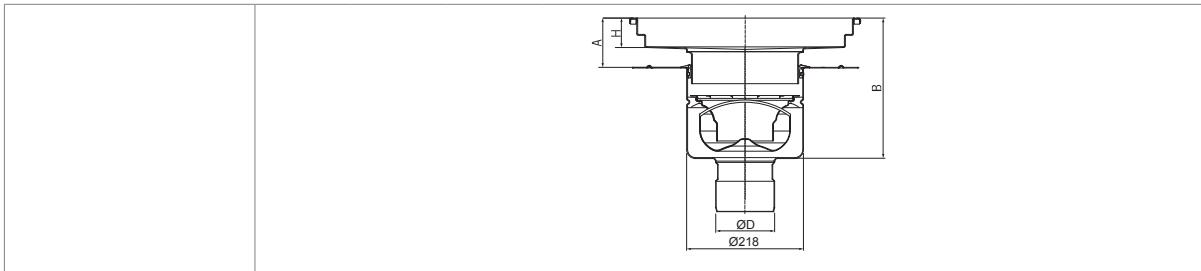
			
Outlet diameter	Outlet position	Flow rate [l/s]	
$\varnothing D$	Horizontal	$H = 60 \text{ mm}$	
		A min. = 75	A max. = 115
		B min. = 242	B max. = 285
75	Horizontal	2.8	3.1
110		3.2	3.9

Notes:

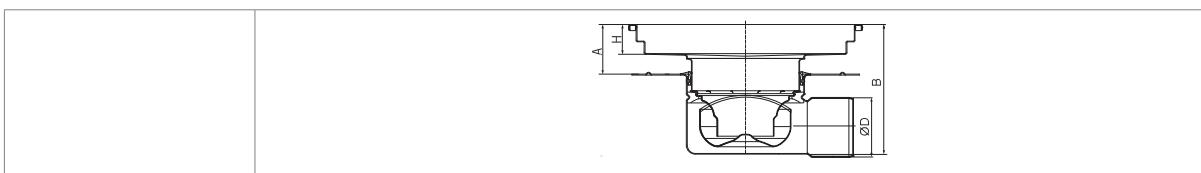
A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO channel, ACO hygienic gully 218



Outlet diameter	Outlet position	Flow rate [l/s]									
		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
ØD		A min. = 75 [mm]	A max. = 115 [mm]	A min. = 95 [mm]	A max. = 135 [mm]	A min. = 115 [mm]	A max. = 155 [mm]	A min. = 165 [mm]	A max. = 205 [mm]	A min. = 215 [mm]	A max. = 255 [mm]
		B min. = 245 [mm]	B max. = 285 [mm]	B min. = 265 [mm]	B max. = 305 [mm]	B min. = 285 [mm]	B max. = 325 [mm]	B min. = 335 [mm]	B max. = 375 [mm]	B min. = 385 [mm]	B max. = 425 [mm]
110	Vertical	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4
160		5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4



Outlet diameter	Outlet position	Flow rate [l/s]									
		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
ØD		A min. = 85 [mm]	A max. = 115 [mm]	A min. = 105 [mm]	A max. = 135 [mm]	A min. = 125 [mm]	A max. = 155 [mm]	A min. = 175 [mm]	A max. = 205 [mm]	A min. = 225 [mm]	A max. = 255 [mm]
		B min. = 235 [mm]	B max. = 265 [mm]	B min. = 255 [mm]	B max. = 285 [mm]	B min. = 275 [mm]	B max. = 305 [mm]	B min. = 325 [mm]	B max. = 355 [mm]	B min. = 375 [mm]	B max. = 405 [mm]
110	Horizontal	4.5	4.7	4.8	4.9	4.9	5.1	5.0	5.6	5.6	6.4

Notes:

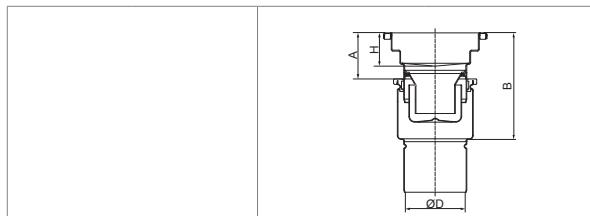
A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

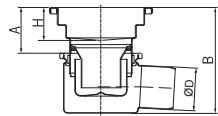
Flow rates and Construction heights

Flow rates and Construction heights

ACO channel, ACO gully EG150



Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 60 A max. = 85	
		B min. = 165 B max. = 190	
75	Vertical	1.3	1.5
		1.3	1.5



Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 60 A max. = 85	
		B min. = 165 B max. = 190	
75	Horizontal	1.3	1.5

Notes:

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

Notes

ACO channel