

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 Specification template (see page 107) 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 slot channel - telescopic solution



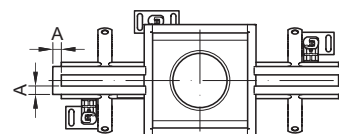
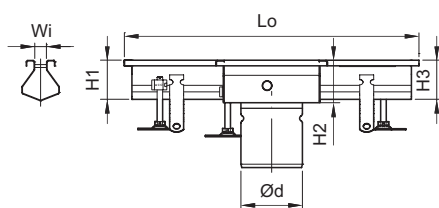
ACO slot channel - semi-standard

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 leveling feet
- Anchors for fixing in concrete

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 leveling feet
- Anchors for fixing in concrete

Customization template

Step 1 - Material



Stainless steel grade 1.4301 (AISI 304)



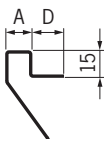
Stainless steel grade 1.4404 (AISI 316L)

Step 2 - Edge profiles



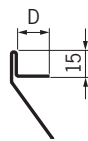
Detail of the Edge profile

Extended



A	15	
	25	
D	50	
	??	

Folded with flange



D	50	
	??	

Standard



A	15	
	25	

Edge infill



rubber



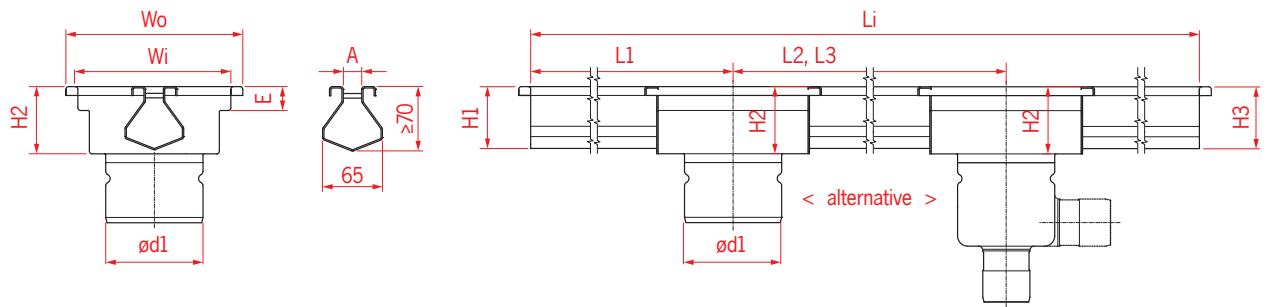
steel



Folded



Step 2 - Edge profiles



Gully top dimension Wo	Channel outlet d1
200 x 200	75
200 x 200	110
200 x 200	125
250 x 250	142
300 x 300	200
Customized width	

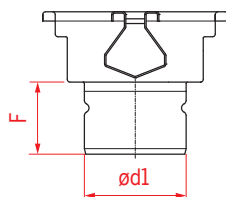
Channel bottom height	
H2	
Slope	
No	
Yes - slope 1%	
Yes - with defined height	H1
	H3

Channel lengths	
Li	
L1	
L2	
L3	

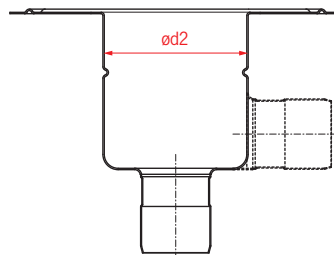
Slot dimension A	
8	
20	

Step 3 - Gully

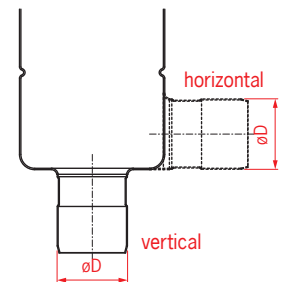
Outlet pipe ☐



Telescopic gully ☐



Welded gully ☐



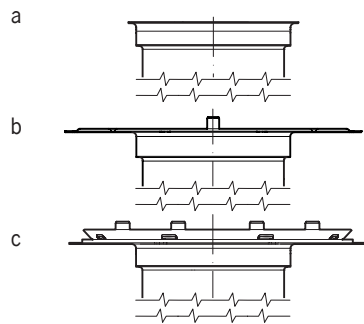
Channel outlet	
Diameter of outlet Wo	Ød1
200 x 200	75
200 x 200	110
200 x 200	125
250 x 250	142
300 x 300	200

Vertical gully		Horizontal gully	
Diameter of gully body Ød2	Diameter of outlet pipe ØD	Diameter of gully body Ød2	Diameter of outlet pipe ØD
142 (1.4 l/s)	75	142 (1.4 l/s)	75
142 (1.6 l/s)	110	142 (1.6 l/s)	110
157 (2.7 l/s)	75	157 (2.6 l/s)	75
157 (3.5 l/s)	110	157 (2.8 l/s)	110
218 (5.0 l/s)	110	218 (4.4 l/s)	110
218 (5.0 l/s)	160		

Outlet lenght F	
36	☐
58	☐
150	☐



Flange (only for telescopic gully)	
Location (a)	☐
Bonding (b)	☐
Clamping (c)	☐



Step 4 - Channel accessories

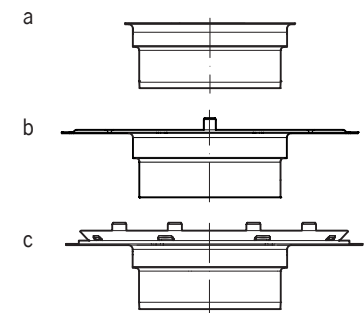
Foul air trap (FAT)	
With FAT	☐
Without FAT	☐



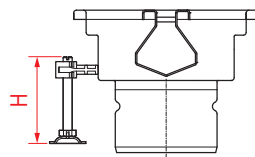
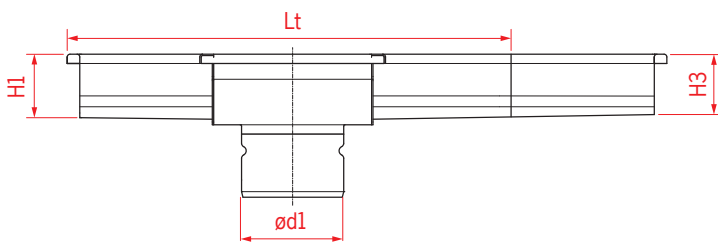
Silt basket	
With Silt basket	☐
Without Silt basket	☐



Raising piece	
Location flange (a)	☐
Bonding flange (b)	☐
Clamping flange (c)	☐



Step 5 - Delivery requirements



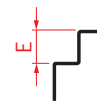
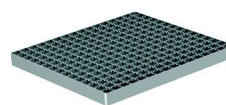
Transport connection Lt	
6000 (standard)	☐
3000	☐
2000	☐



Leveling feet H	
70 (standard)	☐
200	☐

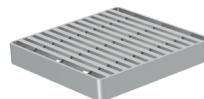


Yes ☐

No ☐

ACO mesh grating	
Antislip	
Plain	
Load class	
R 50	
L 15	

Height of gratings E	
20	
25	
30	
40	



ACO multi-slot 5 grating	
Load class	
L 15	
R 50	

ACO heelsafe grating	
Load class	
L 15	

[illegible]

Your specification/shape of the channel, outlet position

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

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.

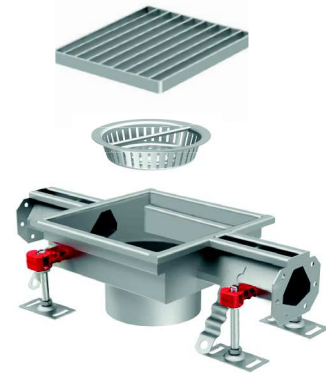
ACO modular channel system overview



ACO modular box channel 125



ACO modular box channel 200

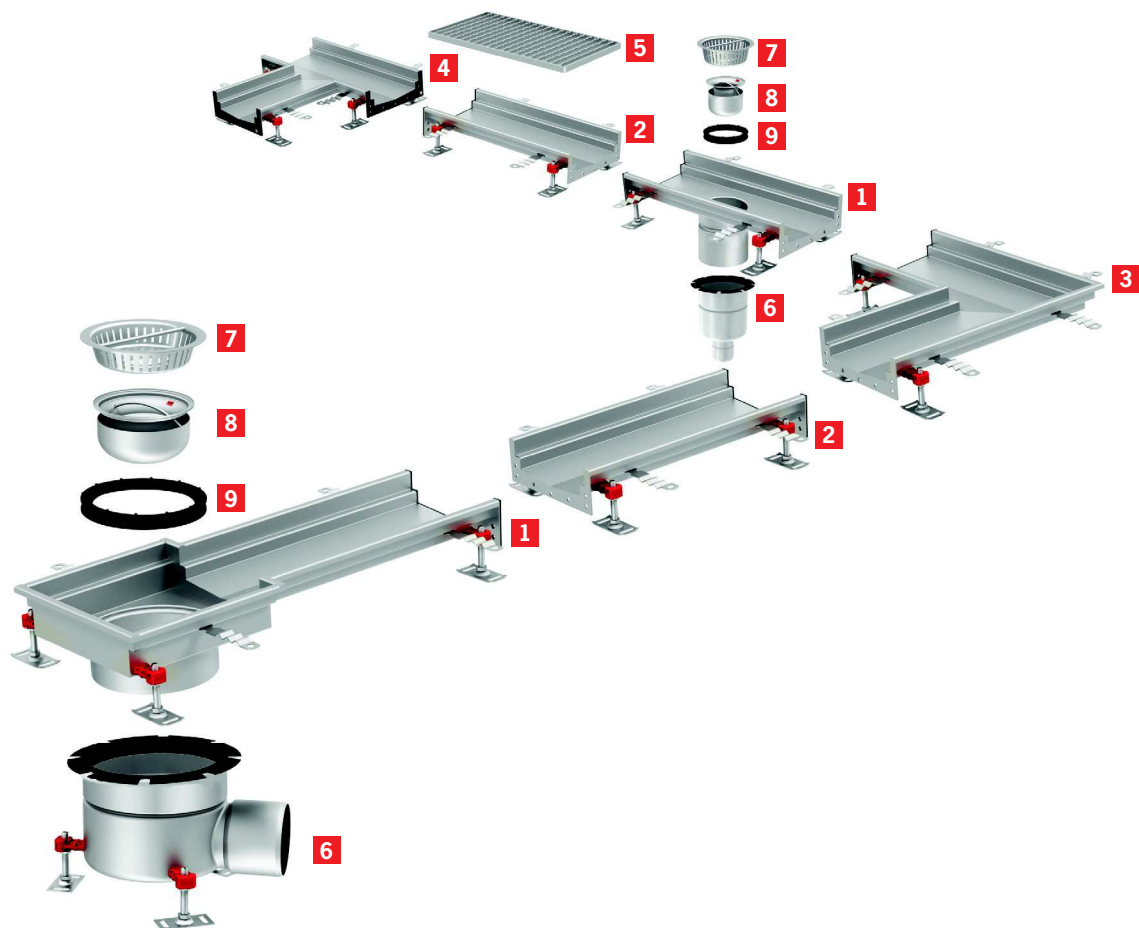


ACO modular slot channel 20

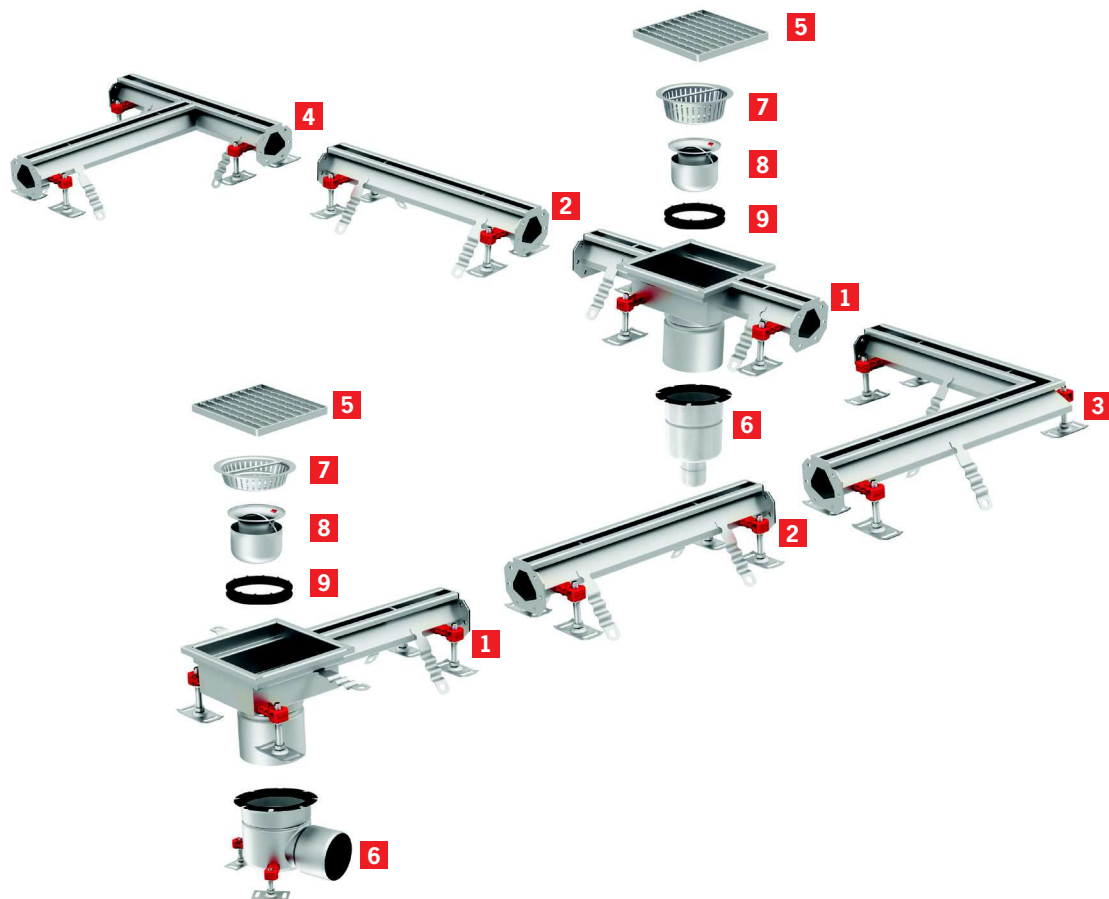


**ACO gully
with accessories**

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 | |

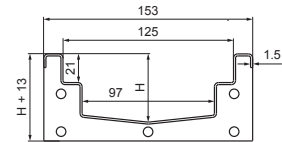
ACO modular box channel 125 - standard articles

Product information

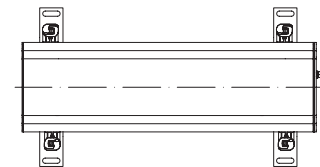
Modular concept allows specification of standard channel units to surround machinery and fit within existing tiling patterns.

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)



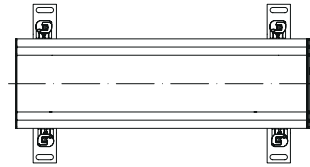
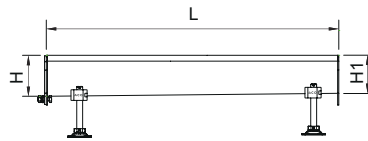
Level invert channel



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 site.

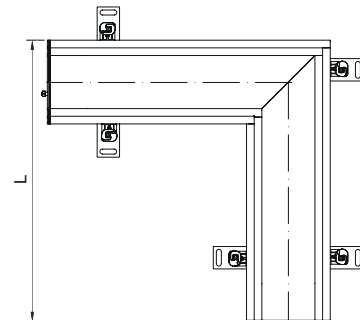
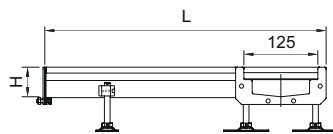
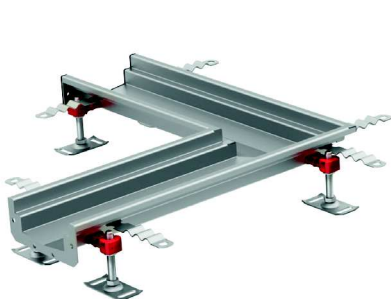
Sloping invert channel



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 site.

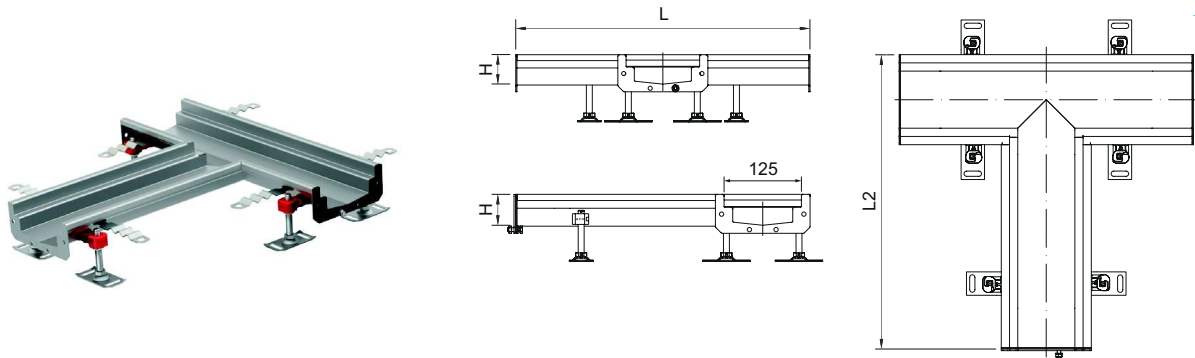
Corner unit



L [mm]	Dimensions		Item number	
	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 site.

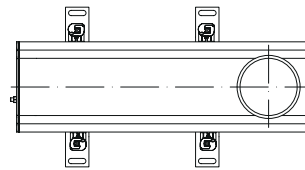
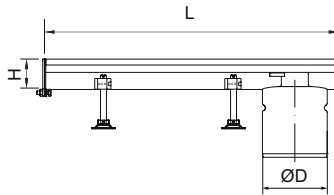
Branch unit



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 site.

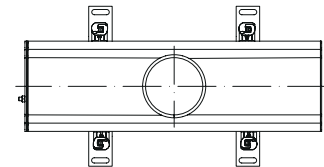
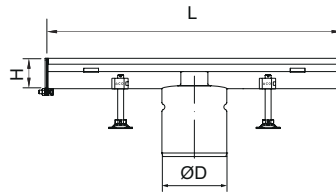
End outlet



Dimensions		Gully	Outlet diameter ØD [mm]	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			105183	407257
	65			105184	407258
	80			105185	407259
	95			105186	407260
	110			105187	407261
	125			105188	407262
500	50	ACO hygienic gully 142	125	415946	415991
	65			415947	415992
	80			415948	415993
	95			415949	415994
	110			415950	415995
	125			415951	415996
1000	50			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			409708	409709
	65			409712	409713
	80			409716	409717
	95			409720	409721
	110			409700	409701
	125			409704	409705

Note: Items are without seal and connecting material.

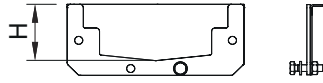
Centre outlet



Dimensions		Gully	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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			105199	407269
	65			105200	407270
	80			105201	407271
	95			105202	407272
	110			105203	407273
	125			105204	407274
500	50	ACO hygienic gully 142	125	415958	416003
	65			415959	416004
	80			415960	416005
	95			415961	416006
	110			415962	416007
	125			415963	416008
1000	50			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			409710	409711
	65			409714	409715
	80			409718	409719
	95			409722	409723
	110			409702	409703
	125			409706	409707

Note: Items are without seal and connecting material.

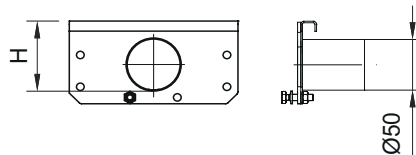
End plate



Dimensions H [mm]	Item number	
	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.

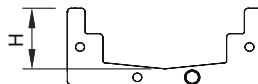
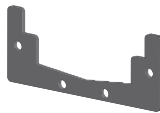
End plate with 50 mm outlet



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

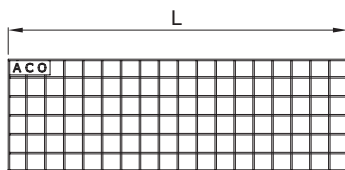
Note: Items include seal and connecting material.

Gratings for ACO modular box channel 125

Product information

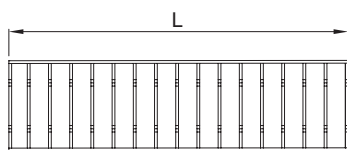
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Special length 375 mm for branches and corner units
- Slip resistant gratings available for added user safety
- Load classes A 15, B 125 and C 250

ACO mesh grating



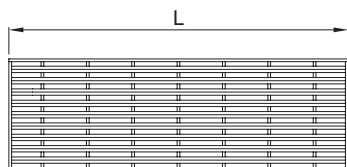
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	No	1.4301	414132
			1.4404	414182
	C 250	Yes	1.4301	414130
			1.4404	414180
		No	1.4301	414133
			1.4404	414183
500	A 15	No	1.4301	21720
			1.4404	21725
	C 250	Yes	1.4301	21710
			1.4404	21715
		No	1.4301	21920
			1.4404	21925
1000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

ACO ladder grating



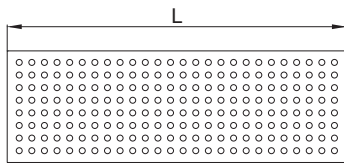
Length L [mm]	Load class	Slip resistant	Material	Item number
375	C 250	Yes	1.4301	414134
			1.4404	414184
500	C 250	Yes	1.4301	21740
			1.4404	21745
1000	C 250	Yes	1.4301	21741
			1.4404	21746

ACO heelsafe grating



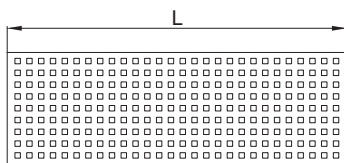
Length L [mm]	Load class	Slip resistant	Material	Item number
375	B 125	No	1.4301	414135
			1.4404	414185
500	B 125	No	1.4301	96819
			1.4404	401238
1000	B 125	No	1.4301	96818
			1.4404	401237

ACO perforated grating



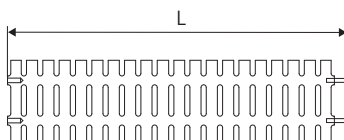
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	No	1.4301	414136
			1.4404	414186
	B 125	No	1.4301	414137
			1.4404	414187
500	A 15	No	1.4301	21760
			1.4404	21765
	B 125	No	1.4301	21960
			1.4404	21965
1000	A 15	No	1.4301	21660
			1.4404	21665
	B 125	No	1.4301	21860
			1.4404	21865

ACO quadrato grating



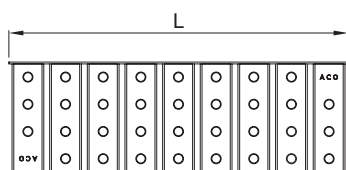
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	No	1.4301	414138
			1.4404	414188
500	A 15	No	1.4301	105528
			1.4404	407925
1000	A 15	No	1.4301	105527
			1.4404	407924

ACO plastic grating



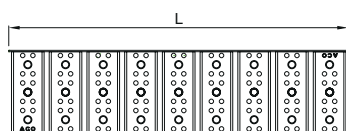
Length L [mm]	Load class	Slip resistant	Material	Item number
500	A 15	No	-	21790
1000	A 15	No	-	21690

ACO multi-slot 5 grating



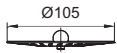
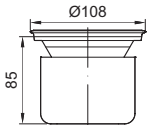
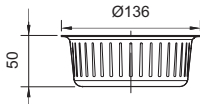
Length L [mm]	Load class	Slip resistant	Material	Item number
375	A 15	Yes	1.4301	414139
			1.4404	414189
500	A 15	Yes	1.4301	409290
			1.4404	409291
	B 125	Yes	1.4301	409294
			1.4404	409295
1 000	A 15	Yes	1.4301	409286
			1.4404	409287
	B 125	Yes	1.4301	409236
			1.4404	409237
500	A 15	Yes	1.4301	409290
			1.4404	409291
	B 125	Yes	1.4301	409294
			1.4404	409295
1 000	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
	B 125	Yes	1.4301	415747
			1.4404	415748
	C 250	Yes	1.4301	415753
			1.4404	415754
1 000	A 15	Yes	1.4301	415735
			1.4404	415736
	B 125	Yes	1.4301	415743
			1.4404	415744
	C 250	Yes	1.4301	415751
			1.4404	415752

Accessories for ACO modular box channel 125

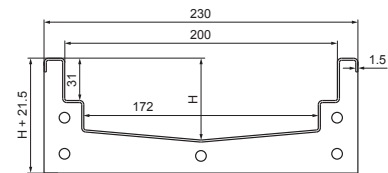
	Description	Used with	Material	Item number
	Sieve ■ Stainless steel	■ ACO modular box channel 125 with outlet 110 mm	1.4301	97235
			1.4404	97285
	Foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO modular box channel 125 with outlet 110 mm	1.4301	97217
			1.4404	97267
	Silt basket ■ Stainless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

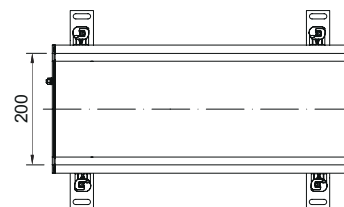
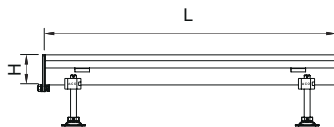
Product information

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)



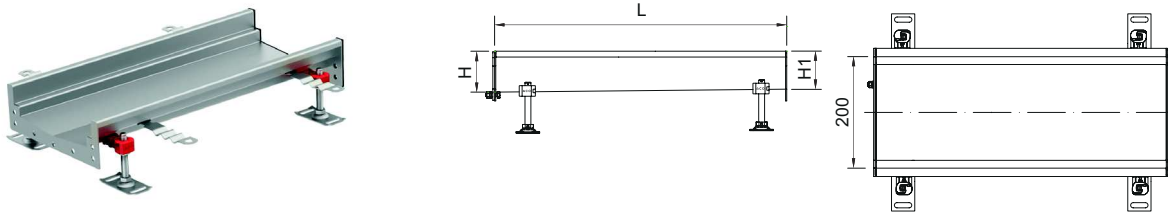
Level invert channel



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 site.

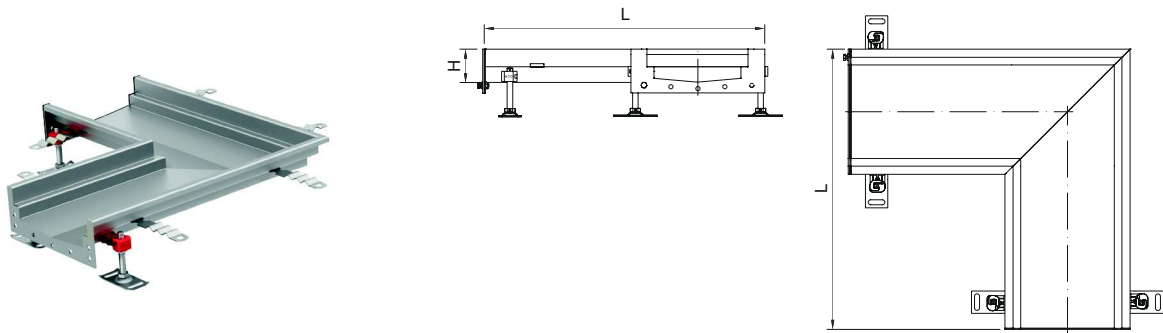
Sloping invert channel



L [mm]	Dimensions		Item number	
	H1 [mm]	H2 [mm]	1.4301	1.4404
500	55	60	401855	401856
1000	60	70	401871	401872
	70	80	402464	402465
	80	90	402466	402467
	90	100	402468	402469
	100	110	402470	402471
	110	120	402480	402481
2000	60	80	402482	402483
	80	100	402484	402485
	100	120	402486	402487
	120	140	402488	402489
	60	100	408827	408829
	100	140	408828	408830

Note: Items are equipped with seal and connecting material on deeper site.

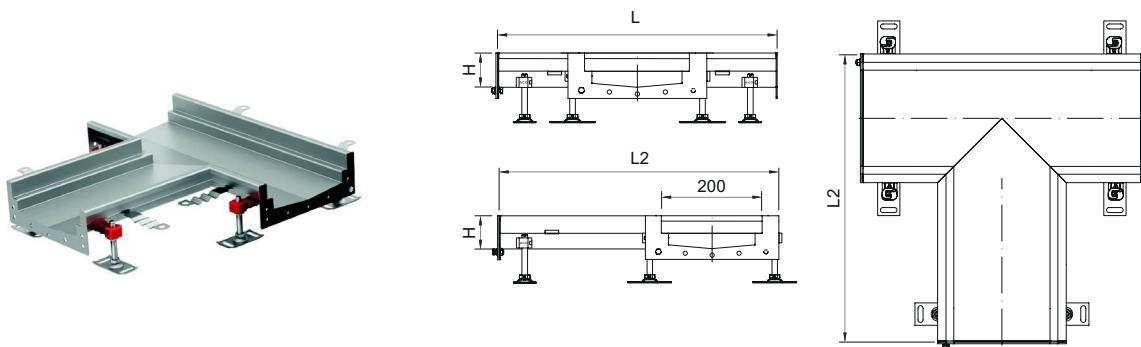
Corner unit



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

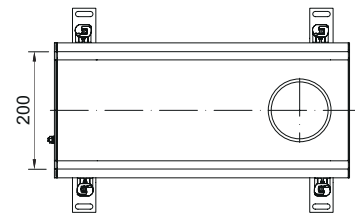
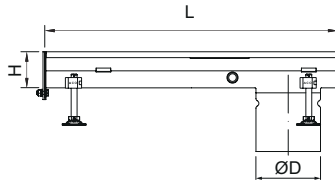
Note: Items are equipped with seal and connecting material on one site.

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

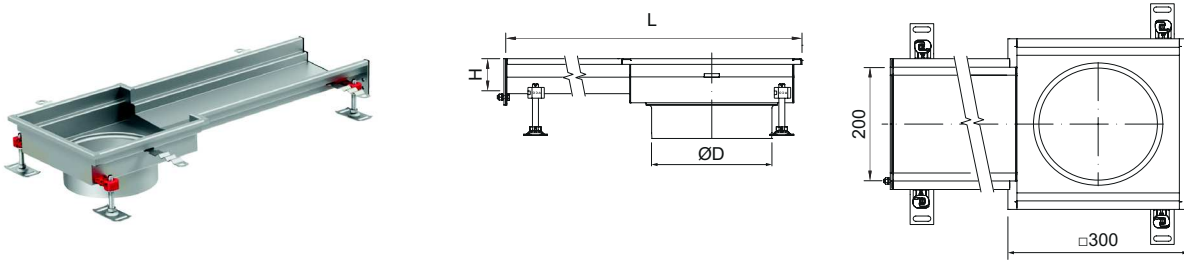
Note: Items are equipped with seal and connecting material on one site.

End outlet


Dimensions		Gully	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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			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			409932	409940
	70			409933	409941
	80			409934	409942
	90			409935	409943
	100			409936	409944
	110			409937	409945
	120			409938	409946
	140			409939	409947

Note: Items are without seal and connecting material.

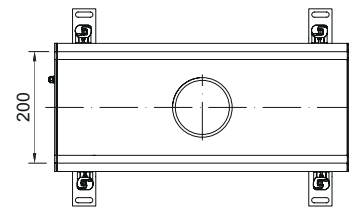
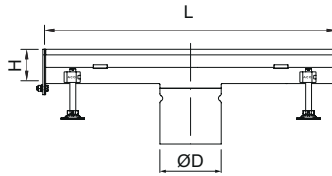
End outlet



Dimensions		Gully	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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 without seal and connecting material.

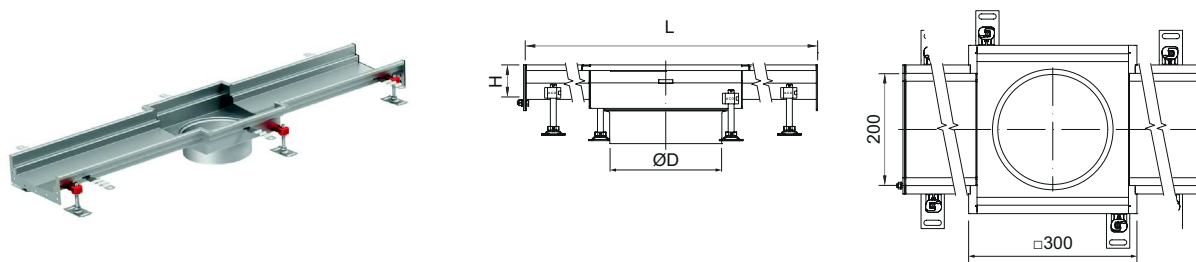
Centre outlet



Dimensions		Gully	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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			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			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 without seal and connecting material.

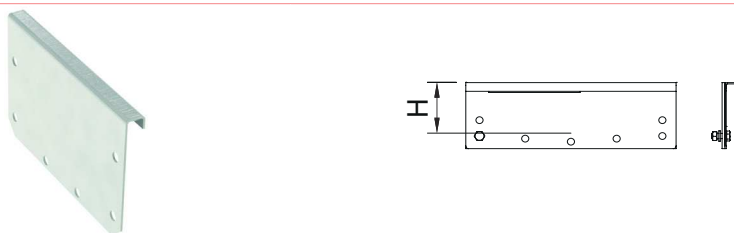
Centre outlet



Dimensions		Gully	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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 without seal and connecting material.

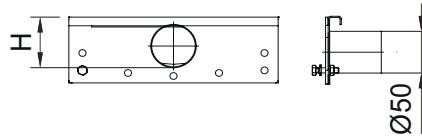
End plate



Dimensions [mm]	Item number	
	1.4301	1.4404
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.

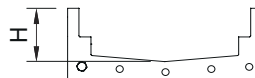
End plate with 50 mm outlet



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

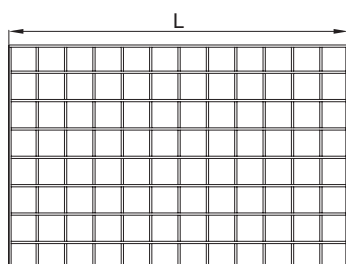
Note: Items include seal and connecting material.

Gratings for ACO modular box channel 200

Product information

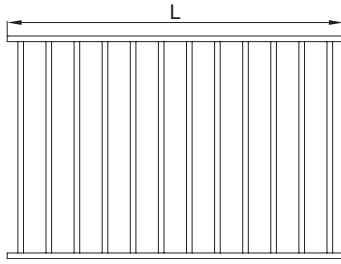
- Fully tested and classified to EN 1433
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Special length 300 mm for branches and corner units
- Slip resistant gratings available for added user safety
- Load class A 15

ACO mesh grating



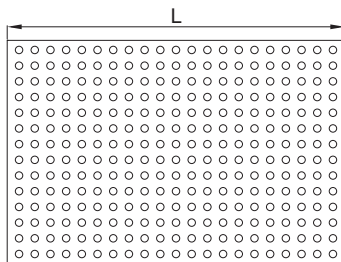
Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	No	1.4301	414141
			1.4404	414191
		Yes	1.4301	414140
			1.4404	414190
500	A 15	No	1.4301	92207
			1.4404	92257
		Yes	1.4301	92200
			1.4404	92250
1000	A 15	No	1.4301	92208
			1.4404	92258
		Yes	1.4301	92201
			1.4404	92251

ACO ladder grating



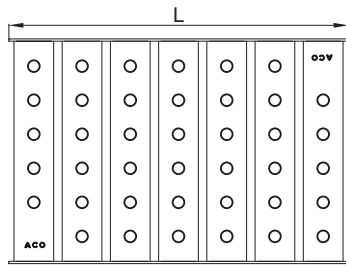
Length L [mm]	Load class	Slip resistant	Material	Item number
300	C 250	No	1.4301	414142
			1.4404	414192
500	C 250	No	1.4301	92214
			1.4404	92264
1000	C 250	No	1.4301	92215
			1.4404	92265

ACO perforated grating



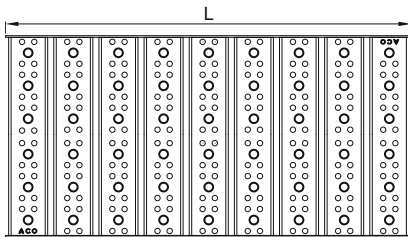
Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	No	1.4301	414143
			1.4404	414193
500	A 15	No	1.4301	402689
			1.4404	405188
1000	A 15	No	1.4301	402688
			1.4404	405187

ACO multi-slot 5 grating



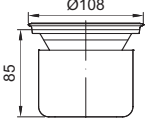
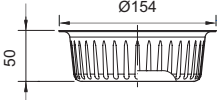
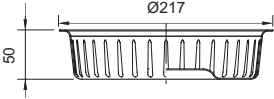
Length L [mm]	Load class	Slip resistant	Material	Item number
300	A 15	No	1.4301	414145
			1.4404	414195
500	A 15	No	1.4301	409292
			1.4404	409293
	B 125	No	1.4301	409296
			1.4404	409297
1000	A 15	No	1.4301	409288
			1.4404	409289
	B 125	No	1.4301	409240
			1.4404	409241

ACO multi-slot 8 grating



Length L [mm]	Load class	Slip resistant	Material	Item number
500	A 15	No	1.4301	415741
			1.4404	415742
	B 125	No	1.4301	415749
			1.4404	415750
1000	A 15	No	1.4301	415737
			1.4404	415738
	B 125	No	1.4301	415745
			1.4404	415746

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

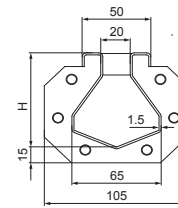
Product information

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

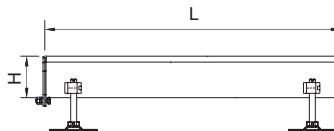
Modular concept allows specification of standard channel units to surround machinery and fit within existing tiling patterns.

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)



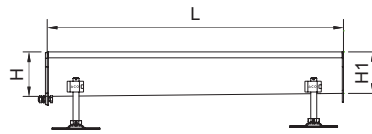
Level invert channel



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 site.

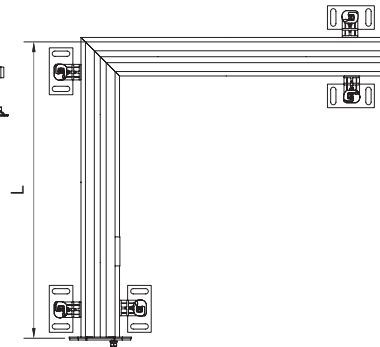
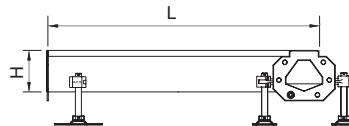
Sloping invert channel



L [mm]	Dimensions		Item number	
	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 site.

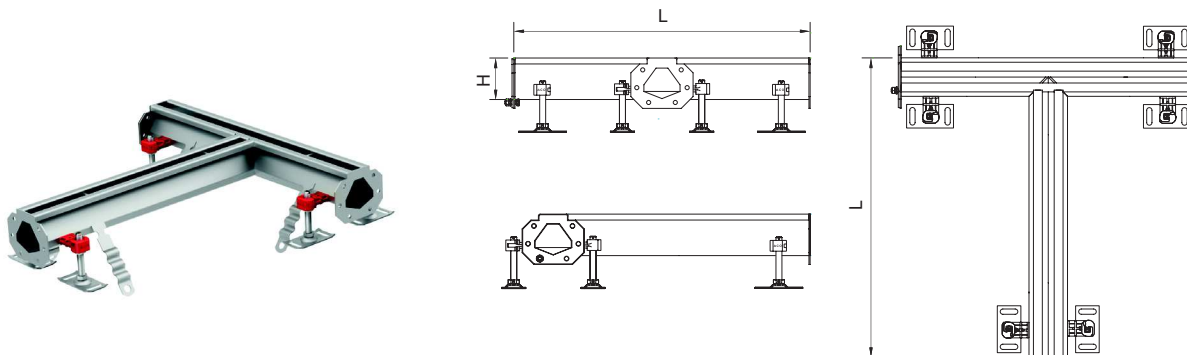
Corner unit



L [mm]	Dimensions		Item number	
	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 site.

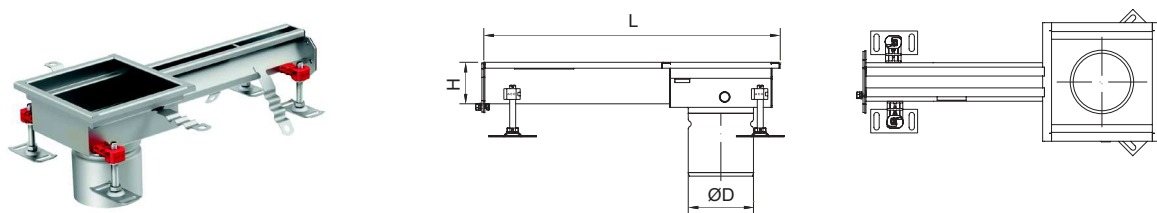
Branch unit



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

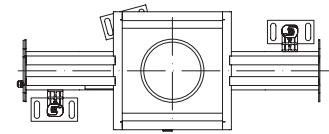
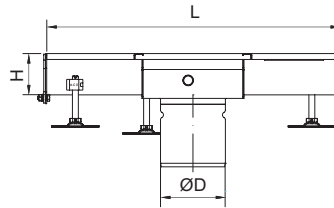
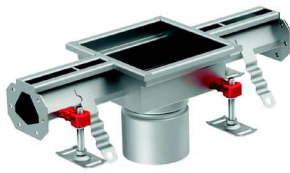
Note: Items are equipped with seal and connecting material on one site.

End outlet



Dimensions		Gully	Gully top [mm]	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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				415925	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

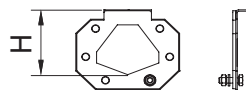
Note: Items are without seal and connecting material.

Centre outlet


Dimensions		Gully	Gully top [mm]	Outlet diameter ØD [mm]	Item number	
L [mm]	H [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				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				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				414229	414236
	75				414230	414237
	80				414231	414238
	90				414232	414239
	100				414233	414240
	110				414234	414241
	120				414235	414242

Note: Items are without seal and connecting material.

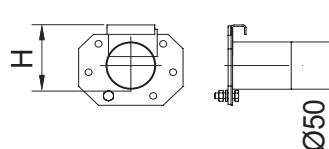
End plate



Dimensions H [mm]	Item number	
	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.

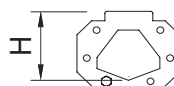
End plate with 50 mm outlet



Dimensions H [mm]	Item number	
	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.

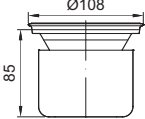
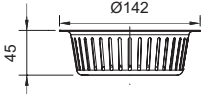
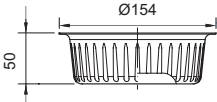
Seal rubber



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

Note: Items include seal and connecting material.

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	414739
			1.4404	414839
	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

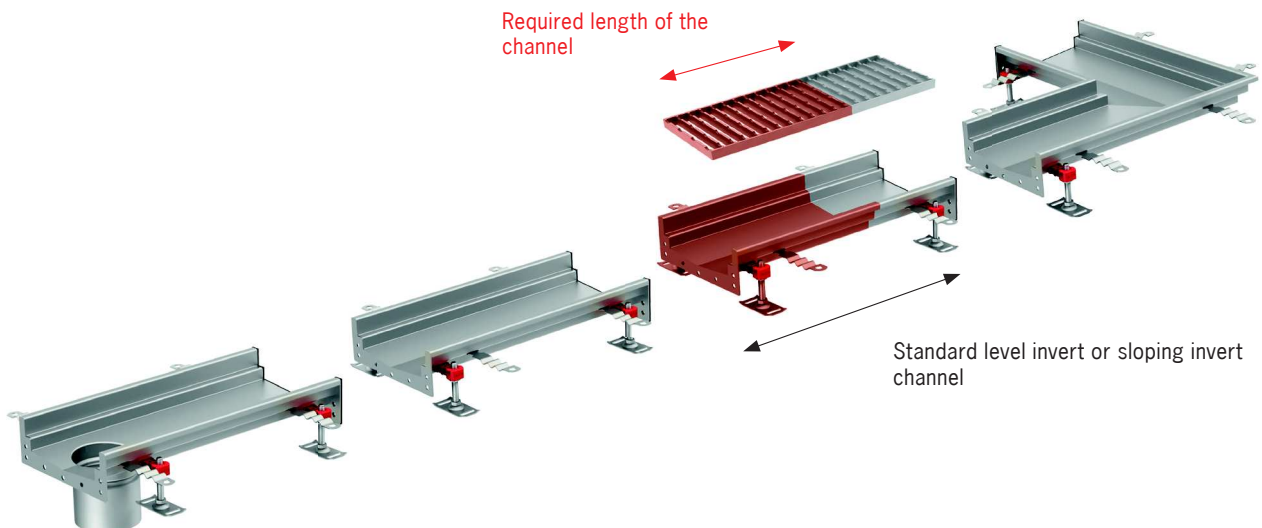
Semi-standard items offer/provide easy and fast way to get a slot or box channel of a special length to complete a linear drainage project with standard stock items. Simply specify the length you need.

How to specify semi-standard items:

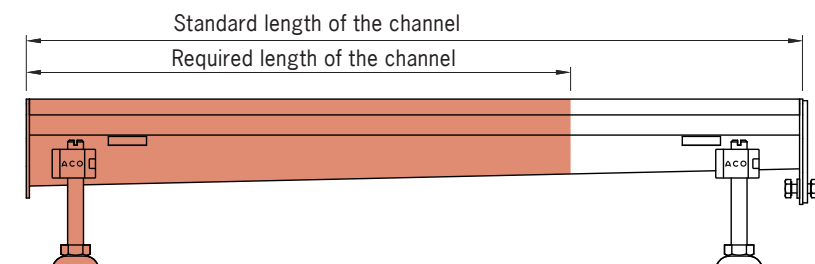
Specify the part number from which the semi-standard item will be produced.

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).



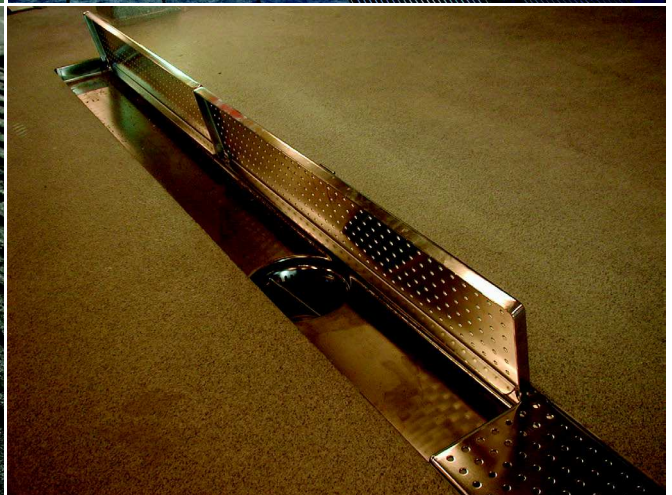
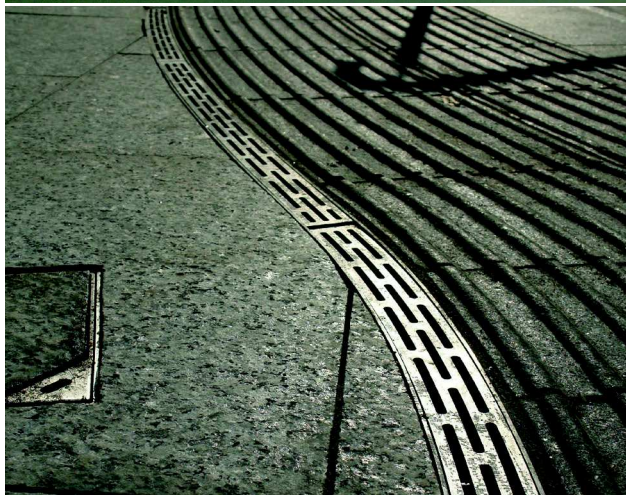
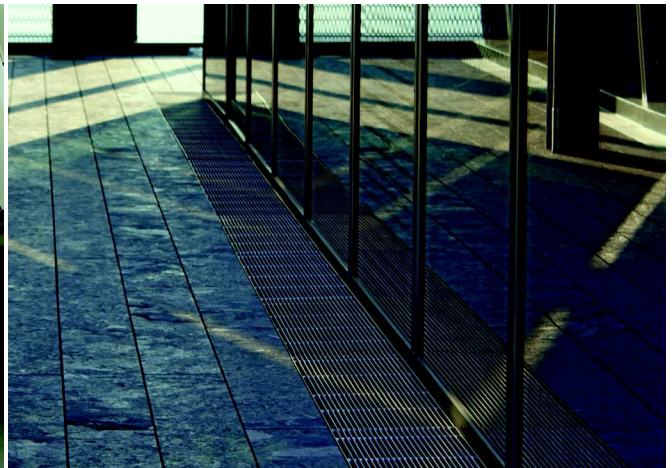
ACO design channel

Product information

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

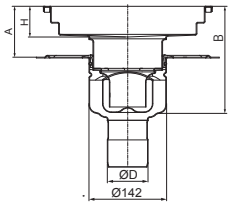
Customers' individual channel designs will be managed by our expert team with tailor-made services for specific projects with full proposal information, CAD layout drawings and assembly instructions.

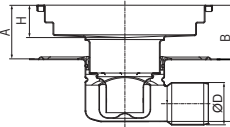
Contact our Sales/Technical department team and we will help you with your project.



Flow rates and Construction heights

ACO channel, ACO hygienic gully 142

			
Outlet diameter	Outlet position	Flow rate [l/s]	
ØD	Vertical	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

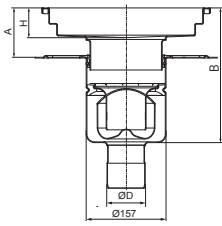
			
Outlet diameter	Outlet position	Flow rate [l/s]	
ØD	Horizontal	H = 60 mm	
		A min. = 75	A max. = 115
		B min. = 185	B max. = 245
75	Horizontal	1.4	1.7
110		1.6	1.9

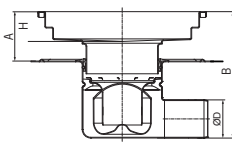
Notes:

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)

ACO channel, ACO hygienic gully 157

			
Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 85	A max. = 115
		B min. = 232	B max. = 262
75	Vertical	2.9	3.1
110		3.9	4.2

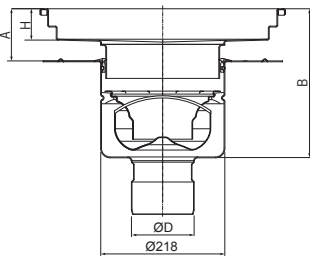
			
Outlet diameter	Outlet position	Flow rate [l/s]	
ØD		H = 60 mm	
		A min. = 75	A max. = 115
		B min. = 242	B max. = 285
75	Horizontal	2.8	3.1
110		3.2	3.9

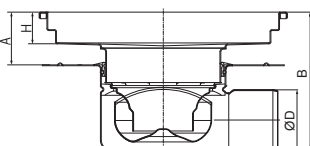
Notes:

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]									
ØD		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
		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

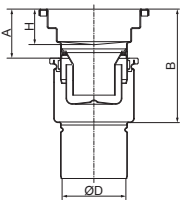
											
Outlet diameter	Outlet position	Flow rate [l/s]									
ØD		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
		A min. = 85 [mm]	A max. = 115 [mm]	A min. = 105 [mm]	A max. = 135 [mm]	A min. = 125 [mm]	A max. = 155 [mm]	A min. = 175 [mm]	A max. = 205 [mm]	A min. = 225 [mm]	A max. = 255 [mm]
		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

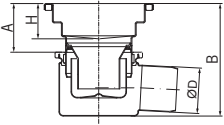
Notes:

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)

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
110		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)

