

**ACO stainless steel drainage
with hygienic design**



ACO stainless steel drainage

ACO is one of the world's leading drainage specialists. With 60 years experience gained across a wide range of sectors, we understand the critical role that drainage plays in a successful business and appreciate that what's below the surface can really count.

Our passion for producing high performance products has led us to make major investments in research and development. Working in partnership with commercial facilities owners, managers and operators, we are continuously developing our products and enhancing our expertise.

We are also committed to raising the profile of hygienic drainage throughout the industry to enable asset owners to reduce costs and protect their brands.

Our product portfolio now includes items, which are fully compliant with highest hygienic requirements. Products in this category exceed requirements reserved for food contact surfaces and conform with legal standards used across the world including EN1253, EN1433, CE-marking and differing fire protection requirements. We also have a full understanding of the food industry's own standards such as HACCP and work with bodies including the European Hygienic Engineering and Design Group (EHEDG).

ACO drainage is used in applications anywhere where hygienic, corrosion resistant and durable drainage performance is essential:

- Professional kitchens
- Food procession facilities
- Brewing, bottling and canning plants
- Chilled warehouses
- Laboratories
- Chemical and pharmaceutical industries
- Restaurants
- Schools
- Hospitals
- Hotels

Why stainless steel?

Stainless steel has the following unique advantages:

- Highly corrosion resistant
- Non-porous, easy to clean and disinfect
- Aesthetically pleasing
- Resistant to temperature extremes and thermal shock
- Coefficient of linear expansion similar to concrete
- 100% recyclable material

Drainage is manufactured from austenitic stainless steel grades 1.4301 (304) or 1.4404 (316L) to EN 10088.

Why ACO tray channels?

As the largest producer of stainless steel drainage systems ACO has the knowledge, experience and expertise to offer the optimal drainage solutions for every application. Therefore ACO offers the designer the freedom to choose from a standard range of products as well as custom made solutions to suit any application.

EN 10088	AISI
1.4301	304
1.4404	316L

Surface treatment of stainless steel

The process of cutting, forming and welding of stainless steel will introduce impurities into the surface of the material and unless the appropriate action is taken, the material will begin to corrode and ultimately fail in service. Therefore after fabrication into the final product, it is vital that the stainless steel material is treated with the correct surface treatment to ensure the material is fully corrosion resistant. By applying pickle passivation as the primary surface treatment, the corrosion resistance of stainless steel can be fully restored to its original state, ensuring long and reliable life performance together with the required aesthetic appearance.

Finishes used by ACO include:

Pickle passivation (acid treatment).

All ACO drainage is pickle passivated by immersing them in a series of acid baths. This is a fundamental requirement for removing iron embedded particulates introduced in the fabrication process and also restoring the chromium depleted regions generated by the welding process. ACO has one of the largest and modern pickle passivation installations in Europe which ensures the optimum corrosion resistance of our products.

Electropolishing (electrochemical process)

After pickle passivation, some products are then immersed in an electrolytic fluid in which the products become the anode of a direct current electrical circuit. This process is characterized by the selective attack on the surface of the components whereby upstanding roughness is preferentially dissolved and will yield a progressively smoother, brighter surface. All tray channel grates are electro-polished as standard.



ACO hygienic design

Hygienic design

Products designed with hygiene in mind.

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

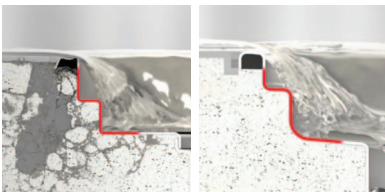
We believe our systems and services are truly unique, delivering unparalleled benefits to everyone involved in project delivery or subsequent operation

ACO hygienic drainage fulfil stringent hygienic requirements to prevent harmful bacteria contamination. We apply relevant hygiene design principles reserved for food contact surfaces EN 1672, EN ISO 14159 and EHEDG document 8 requirements to the channel design.

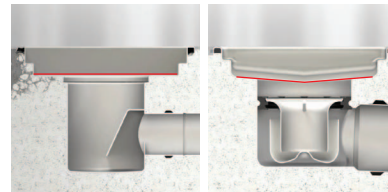
ACO hygienic design features:

- Fully drainable
- Internal radiuses larger than 3 mm
- No metal to metal contact
- Edge infill
- Minimal slope 1% longitudinal and cross on all areas
- Reinforced bottom for width > 300mm
- Precise outlet diameter for easy and safe connection to the gully body or pipe system
- Special design of outlet allow easy drain of all waste water out of channel

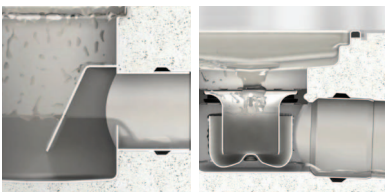
All radiuses larger than 3mm which greatly increases cleaning effectiveness



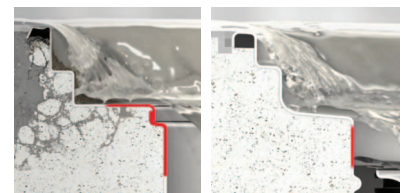
Deep-drawn body ensures smooth contours eliminating crevices that can nest dangerous bacteria



Dry sump design, completely drainable - eliminating stagnant water, smells, microbial growth and potential chemical hazards.



Edge in-fill ensures stable and durable transmission between the gully and surrounding floor and helps to minimize risk of floor cracks which could harbour microorganism



Fire protection solution

Characteristics

ACO has developed solution which prevents spreading of fire and high temperatures within different building floors where ACO gullies or ACO channels and ACO gullies are installed.

The solution has been tested according to EN 1366-2 Fire resistance tests for service installations and classified according to EN 13501 Fire classification of construction products and building elements. For classification details see chart below.

ACO gully fire protective kit can be used

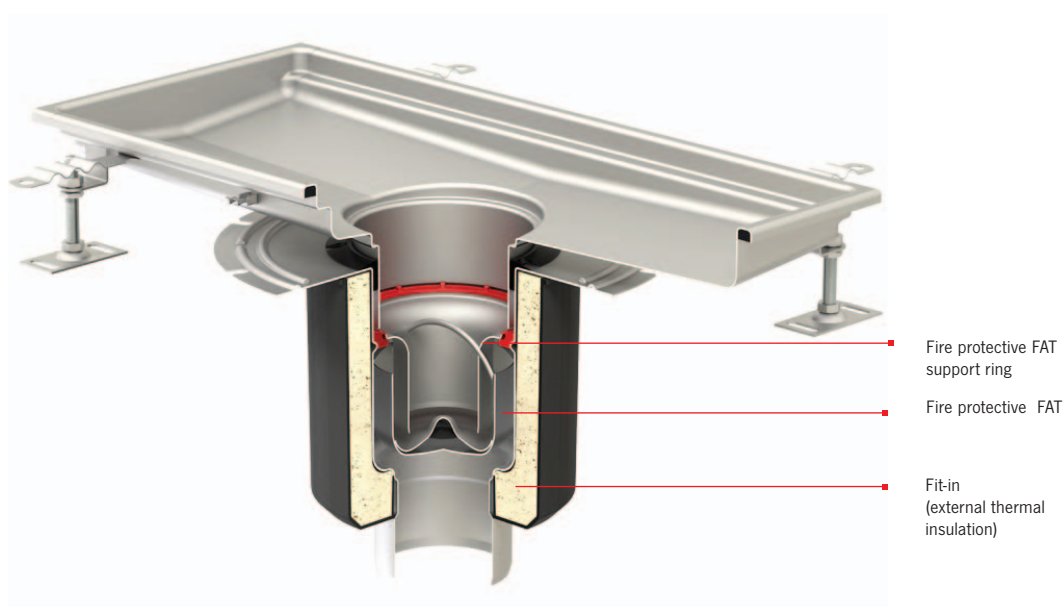
either with telescopic vertical or fixed height vertical ACO gullies 142, ACO gullies 157 and ACO gullies 218 and consist of following items.:

- External protection – Fit in
- Internal protection
 - Fire protective foul air trap
 - Fire protective foul air trap support

This solution has been designed and tested for using in either concrete or aerated concrete ceiling slabs with minimum height of 150 mm.

ACO gullies installed with ACO gully fire protective kit can be connected to any kind of sewerage pipes regardless of its material, e.g. non combustible cast iron drain pipes SML, stainless steel ACO pipes (building material class A1) or plastic drains pipes (building material class B1/B2). All mentioned components of external and internal protection must be used to guarantee correct function of fire protection!

Tested at: PAVUS, a.s. protocol: No. Pr-13-2.061



Gully type	Outlet diameter	Classification
ACO gully 142	75	EI 180
	110	EI 120
ACO gully 157	75	EI 180
	110	EI 120
ACO gully 218	110	EI 180
	160	EI 90

Classification according to EN 13501, protocol: PK2-11-13-901-C-0



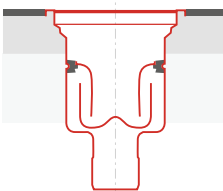
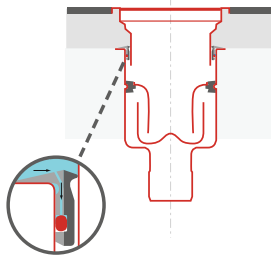
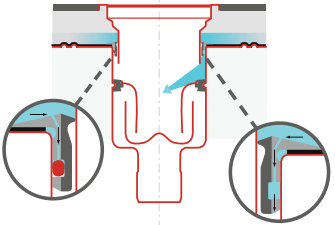
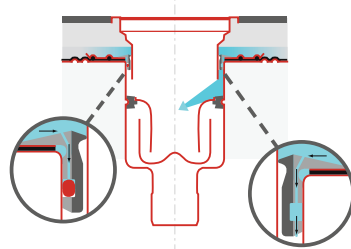
ACO gully

ACO gullies
System overview
Characteristics

ACO stainless steel gullies are designed to be used in commercial applications where hygiene, durability and performance requirements are paramount. ACO gullies are available in a number of versions featuring different flow rates, grating designs, sizes and spigot outlet diameters to suit various applications. The floor construction and depth together with the use of any waterproofing membrane play an important role in the selection of the appropriate type of gully. ACO offers 4 generic gully configurations as shown in the table below.

Fixed height gullies are convenient, free-standing units suitable for cementitious, resin or tiled floors. Telescopic gullies can be installed either with ACO gully tops or with ACO stainless steel linear drainage channels in most flooring constructions, including floors with waterproofing membranes.

All ACO gullies are available with vertical or horizontal spigot outlets.

Fixed height gullies		
		- Fixed gully height - No waterproofing membrane connection - No seepage drainage facility
Telescopic gullies		
With location flange		- Friction lock height adjustment 360° rotatable top - No membrane connection - No seepage drainage
With adhesive bonding flange		- Friction lock height adjustment 360° rotatable top - Adhesive bonding flange for waterproofing layer - Seepage drainage or sealed solution easily configured
With mechanical clamping flange		- Friction lock height adjustment 360° rotatable top - Mechanical clamping flange for waterproofing layer - Seepage drainage or sealed solution easily configured

ACO gullies

Hygienic design features

All radiuses larger than 3mm which greatly increases cleaning effectiveness



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Edge in-fill ensures stable and durable transmission between the gully and surrounding floor and helps to minimize risk of floor cracks which could harbour microorganism



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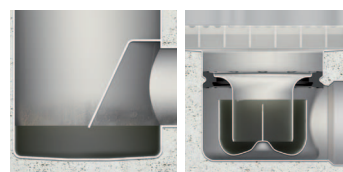
Deep-drawn body ensures smooth contours eliminating crevices that can nest dangerous bacteria



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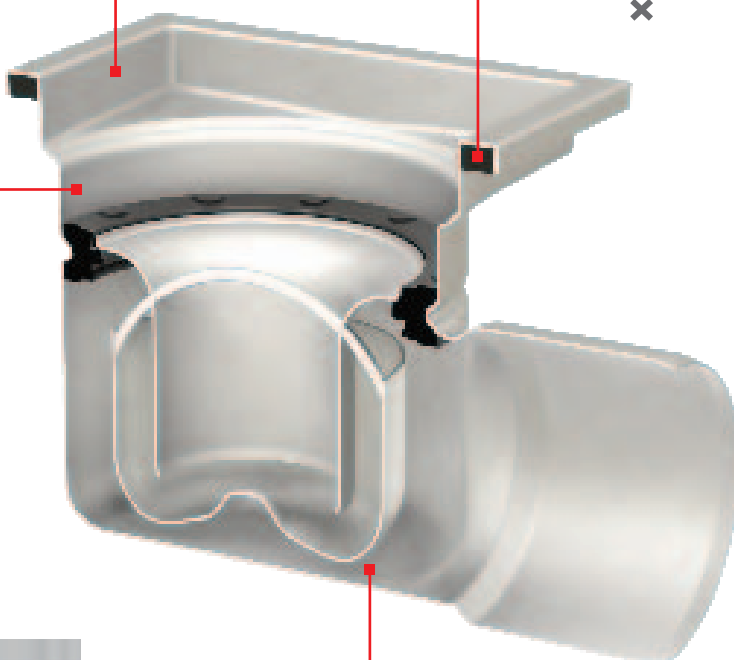
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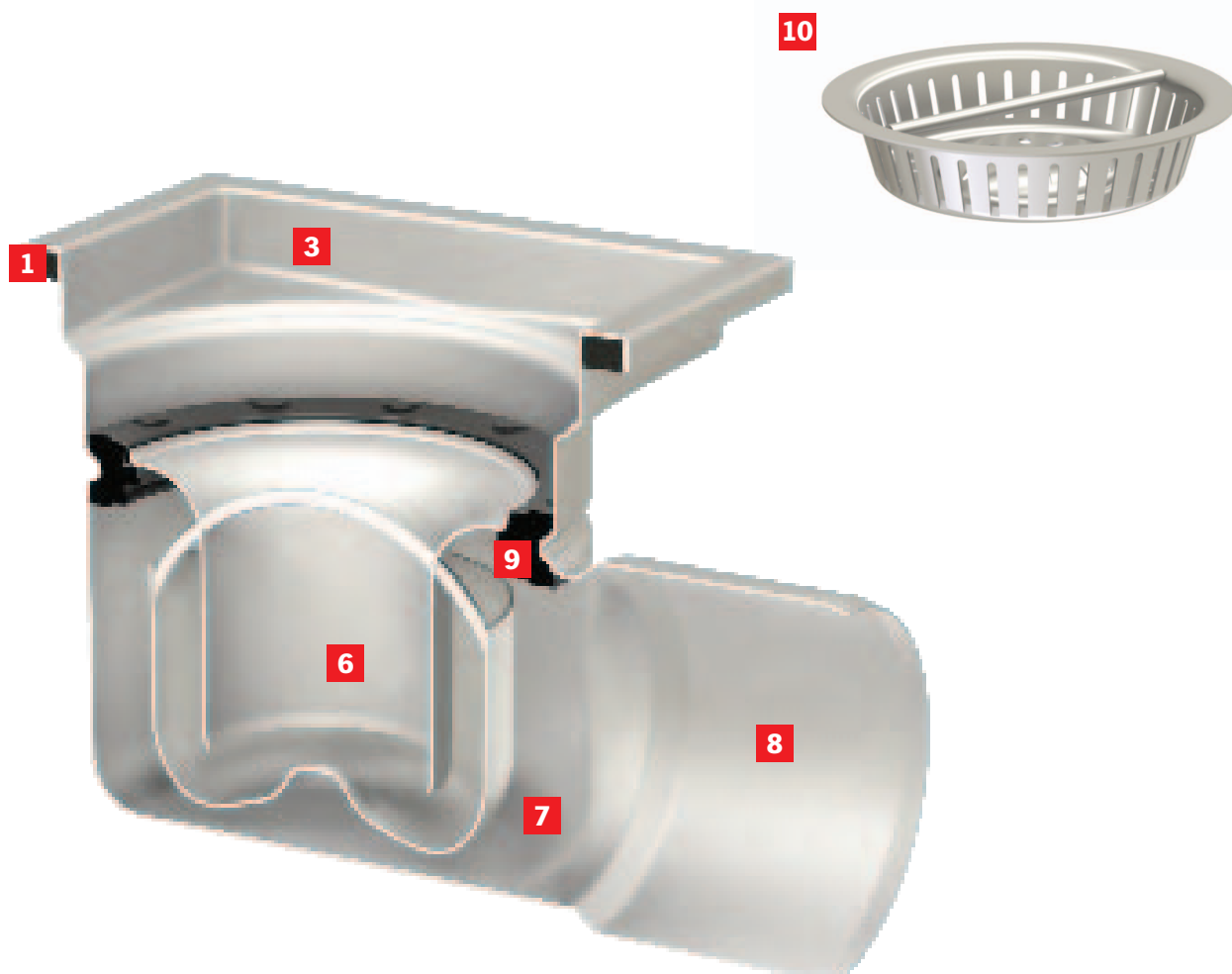
Dry sump design, completely drainable - eliminating stagnant water, smells, microbial growth and potential chemical hazards.



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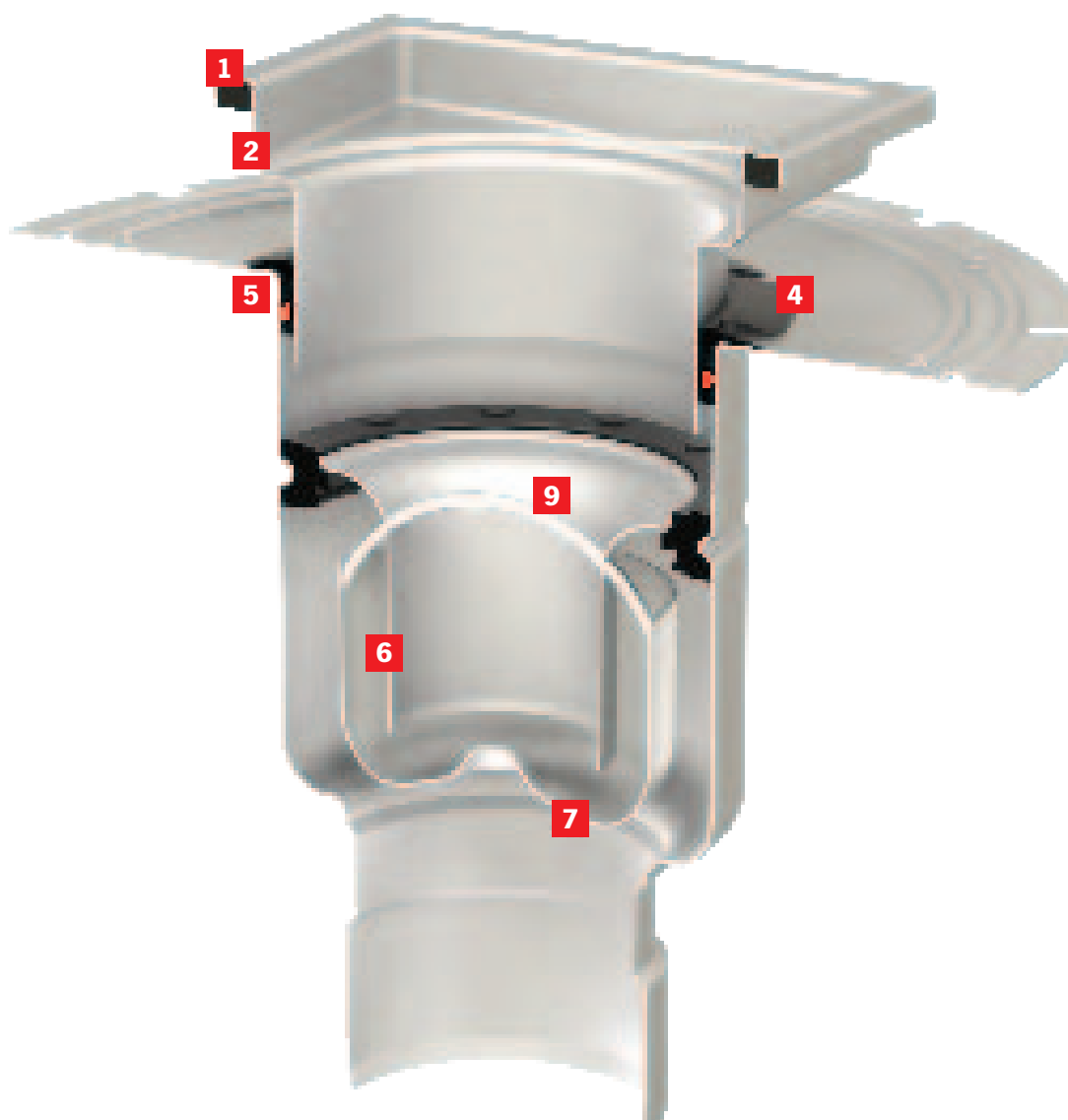


ACO gullies
Features horizontal outlet gully


- 1** Edge in-fill significantly improves hygiene and durability
- 2** Large radius for easy cleaning
- 3** Deep-drawn body ensures smooth contours eliminating crevices.
- 4** Friction ring reduces installation time
- 5** Friction ring easily convertible for membrane drainage
- 6** Foul air trap design minimises evaporation rate and aerosol mobility
- 7** Dry sump design, no water retention in sump
- 8** Gully flow rate and self-cleaning exceeds requirements of EN 1253
- 9** Fully removable foul air trap and support for easy cleaning
- 10** Deep-drawn stainless steel silt basket eliminates crevices

ACO gullies

Features vertical outlet gully



Specifier benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Gully top edge infill supplied as standard for hygiene and durability
- Wide range of gratings for all load class applications
- Slip resistant gratings available for added user safety
- Low construction height
- Fully compliant to EN 1253
- Reliable waterproofing membrane connection options
- Waterproofing membrane seepage drainage provision
- Suitable for all floor types including vinyl flooring

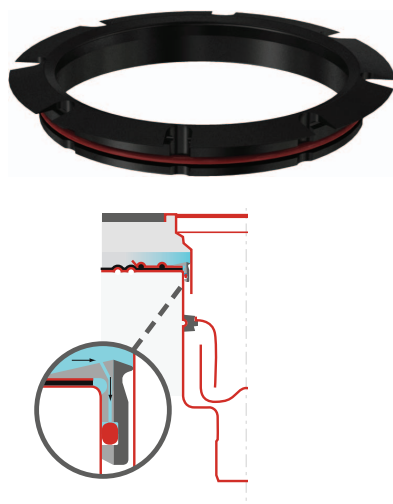
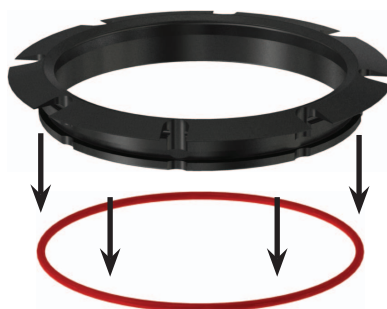
Installing contractor benefits

- Low construction height
- Friction lock telescopic adjustment reduces installation time
- Gully levelling facilities
- Quick and reliable flange connection for waterproofing membranes
- Friction ring converts easily to membrane seepage drainage
- Gully top edge infill for durability and eliminates time-consuming back filling
- Easy installation for all floor types – ceramic tiles, cementitious and resin screeds, vinyl

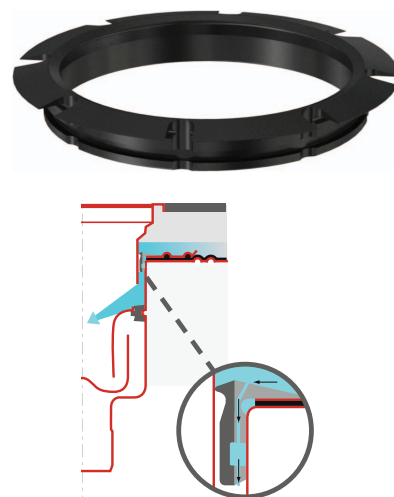
User benefits

- Fully compliant to EN 1253
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Slip resistant gratings available for added user safety
- Easy and low cost cleaning
- Stainless steel construction for durability and long life
- Optional silt basket
- Wide range of gratings
- Gully top edge infill for hygiene and durability
- Positive membrane drainage for enhanced construction life

ACO gullies
Friction ring

Sealing function

Easy removable sealing ring


Removal of the red O-ring opens the water drainage ways

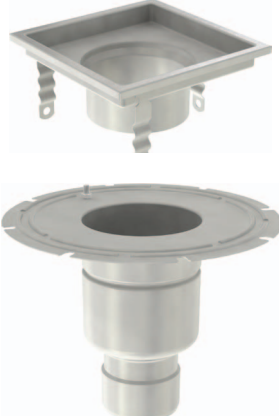
Drainage function


ACO gullies

Hygienic gully guide

Step 1

Depending on the composition of floor construction the appropriate type of the gully should be selected.

No waterproofing membrane		Waterproofing membrane present	
Fixed height	Telescopic adjustable – location flange	Telescopic adjustable – adhesive bonding flange	Telescopic adjustable – mechanical clamping flange
			
- Fixed height - Easy installation - Suitable for areas where waterproofing is independent of the gully body	- Used in combinations with gully tops or linear drainage channels - Adjustable height and rotation of the gully top - Ideal for applications where final floor height unknown - Suitable for areas where waterproofing is independent of the gully body	- Waterproofing connection by welding or adhesive bonding - Usable with gully tops or linear drainage channels - Adjustable height and full rotation of the gully top	- Waterproofing connection by mechanical clamping flange - Usable with gully tops or linear drainage channels - Adjustable height and full rotation of the gully top

Step 2

Establish the location, size, orientation and invert depth (if appropriate) of slab/screed pipework as this will determine the type of gully.

Vertical outlet	Horizontal outlet
	

ACO gullies

Hygienic gully guide

Step 3

An important factor in the selection of gully is the required flow rate. Flow rate is affected by several factors such as the size and height of the gully body,

		DN/OD	Fixed height gullies			Telescopic adjustable gullies		
			200×200	250×250	300×300	200×200	250×250	300×300
vertical outlet flow rate [l/s]	142	70/75 mm	1.4	-	-	1.4–1.8	-	-
		100/110 mm	1.6	-	-	1.6–2.0	-	-
	157	70/75 mm	2.7	2.7	-	2.7–3.3	2.7–3.3	-
		100/110 mm	3.5	3.5	-	2.8–4.4	2.8–4.4	-
	218	100/110 mm	-	-	5.0	-	-	5.0–6.2
		150/160 mm	-	-	5.0	-	-	5.0–6.2
Horizontal outlet flow rate [l/s]	142	70/75 mm	1.4	-	-	1.4–1.8	-	-
		100/110 mm	1.6	-	-	1.6–2.0	-	-
	157	70/75 mm	2.6	2.6	-	2.6–3.3	2.6–3.3	-
		100/110 mm	2.8	2.8	-	2.8–4.4	2.8–4.4	-
	218	100/110 mm	-	-	4.4	-	-	4.4–5.4

Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

Step 4

For the collection of solid particles, the gully can be fitted with an optional silt basket.

Gully spigot outlet position	"Gully Body Dia 142 Silt Basket Capacity (litres)"	"Gully Body Dia 157 Silt Basket Capacity (litres)"	"Gully Body Dia 218 Silt Basket Capacity (litres)"
Vertical	0.4	0.6	1.4
Horizontal & vertical	0.3	0.3	0.7

Step 5

The final floor finish determines the gully top selection.

Ceramic/screed	Thin-bed
	
For tiled, resin screed or cementitious flooring	For thin-bed applications

ACO gullies

Hygienic gully guide

Step 6

For the choice of the appropriate grating following properties have to be considered:

- Traffic load
- Hygiene
- Slip resistance

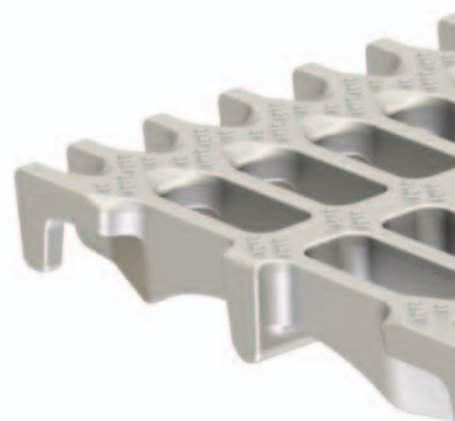
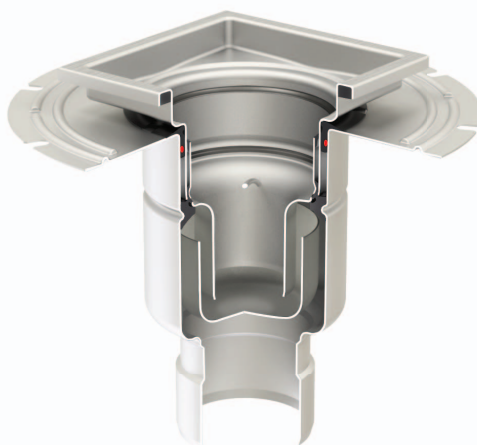
	Ladder grating			Cast
	Antislip	Antislip	Plain	Antislip
Hygiene	+++++	+++++	+++++	+++++
Slip resistance	+++	+++	+	+++
Load classes				
200×200	R 50	M125	C250	M125
250×250	R 50	M125	C250	M125
300×300	R 50	M125	C250	M125

+ = ☹️

+++++ = 😊

Load class M125 acc. to EN 1253

Load class C250 acc. to EN 124



Floor drainage ▶ Drains

ACO gully

ACO gully 142

ACO gully 157

ACO gully 218

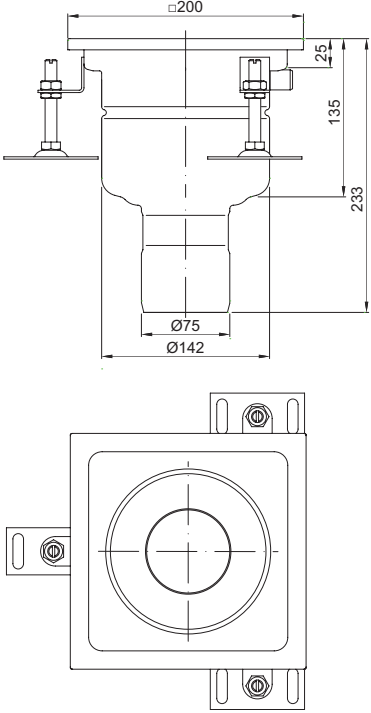
	Page
fixed height – vertical outlet	18
fixed height – horizontal outlet	21
telescopic – vertical outlet	23
telescopic – horizontal outlet	27
gully tops for ACO gully 142 - telescopic	30
gratings	31
accessories	32
fixed height – vertical outlet	34
fixed height – horizontal outlet	38
telescopic – vertical outlet	40
telescopic – horizontal outlet	44
gully tops for ACO gully 157 - telescopic	47
gratings	48
accessories	50
fixed height – vertical outlet	51
fixed height – horizontal outlet	53
telescopic – vertical outlet	54
telescopic – horizontal outlet	57
gully tops for ACO gully 218 - Telescopic	59
gratings	60
accessories	61

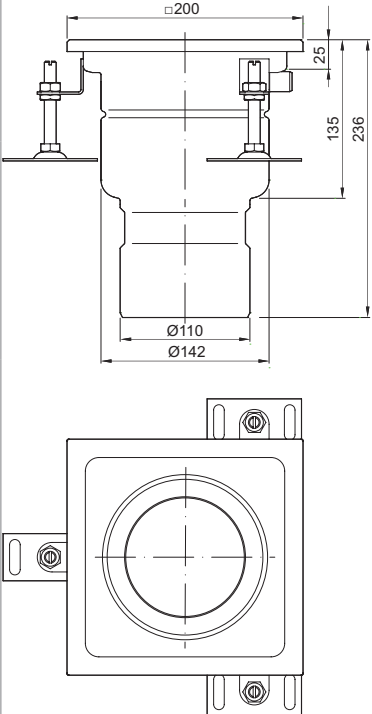
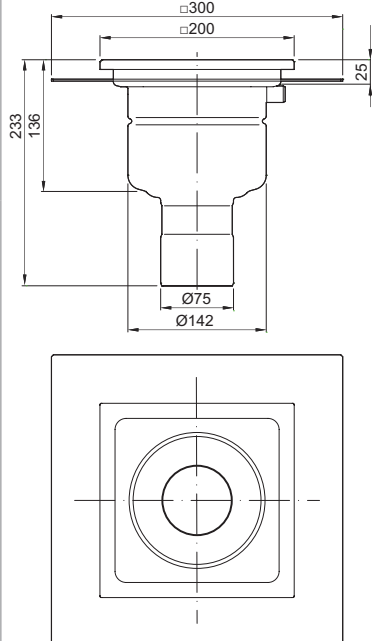
fixed height – vertical outlet
Product information
ACO Product benefits

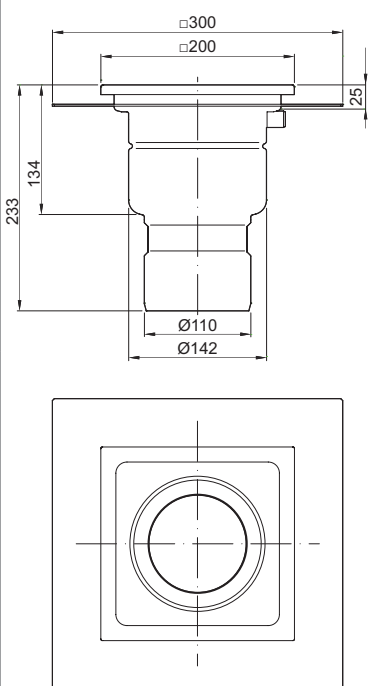
- Hygienic design following EN 1672 EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
- Fully removable stainless steel FAT

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully removable and easily cleaned stainless steel foul air trap (FAT)
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Tested and certified according to EN 1253

Order information

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	Without	1.4301	414700
			1.4404	414800
		With	1.4301	414701
			1.4404	414801

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	Without	1.4301	414702
			1.4404	414802
		With	1.4301	414703
			1.4404	414803
	200 x 200	With	1.4301	414744
			1.4404	414844

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	With	1.4301	414745
			1.4404	414845

fixed height – horizontal outlet

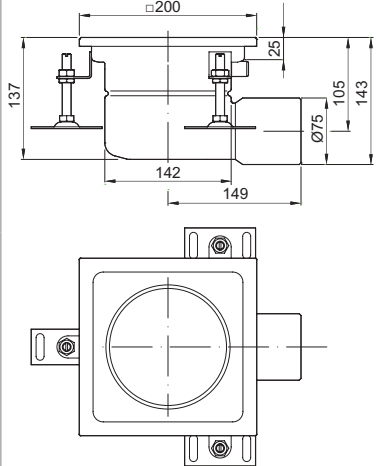
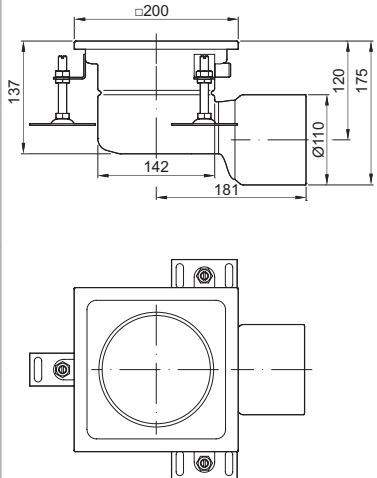
Product information

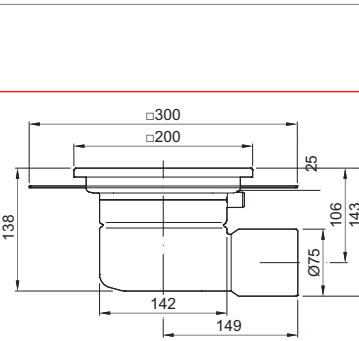
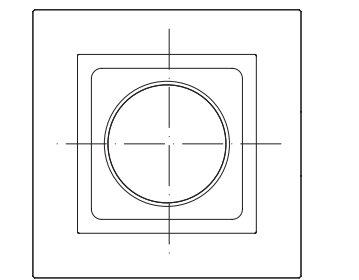
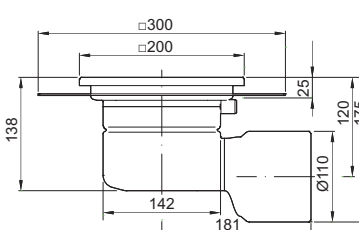
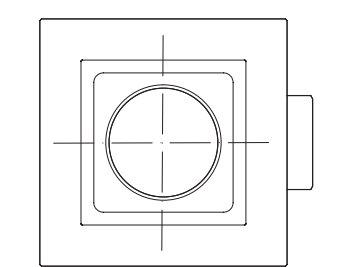
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
- Fully removable stainless steel FAT

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully removable and easily cleaned stainless steel foul air trap (FAT)
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Tested and certified according to EN 1253

Order information

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	Without	1.4301	414704
			1.4404	414804
		With	1.4301	414705
			1.4404	414805
	200 x 200	Without	1.4301	414706
			1.4404	414806
		With	1.4301	414707
			1.4404	414807

	Recess [mm]	Foul air trap	Material	Item number
 	200 x 200	With	1.4301	414746
 	200 x 200	With	1.4301	414747
			1.4404	414846
			1.4404	414847

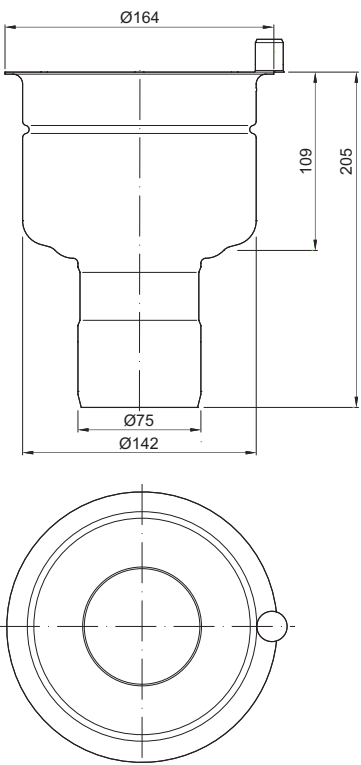
telescopic – vertical outlet

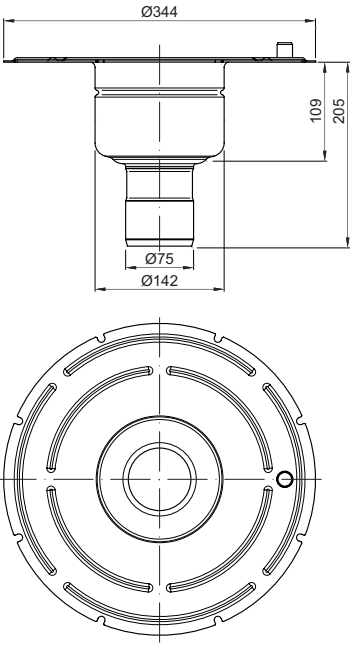
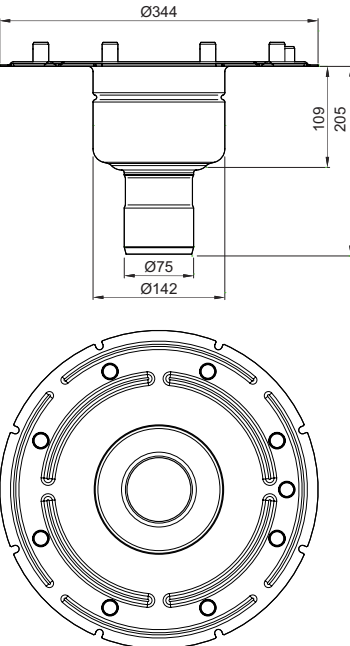
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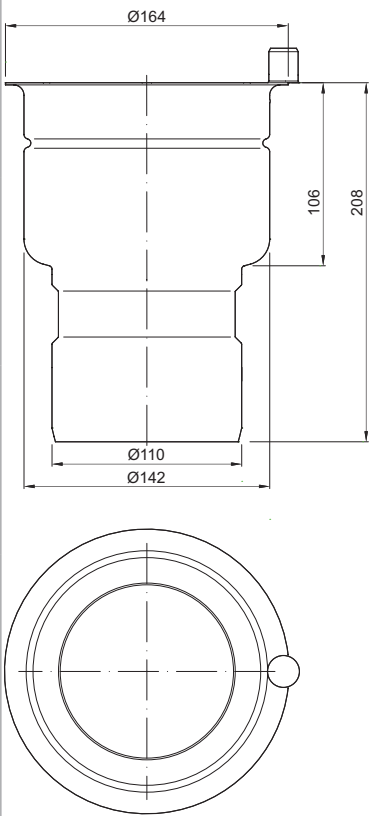
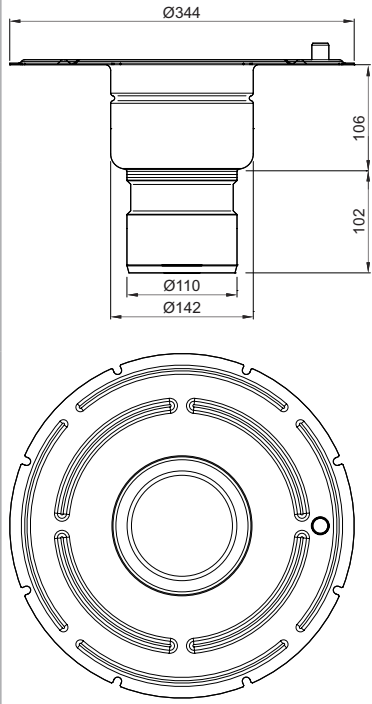
ACO Product benefits

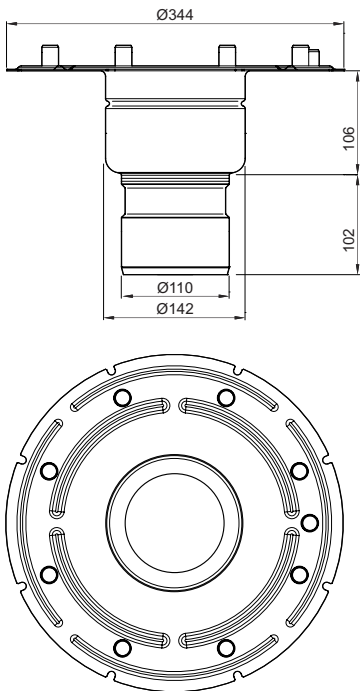
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L15 – M125 (EN 1253) or C250 (EN 124) including antislip solution
- Fully removable stainless steel FAT
- Fire tested and certified solution available for classes EI 90 – EI 180
- Dry installation kit “Fit-in” available
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully removable and easily cleaned stainless steel foul air trap (FAT)
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Tested and certified according to EN 1253

Order information

	Flange design	Foul air trap	Material	Item number
		Without	1.4301	414708
			1.4404	414808
	With location flange	With	1.4301	414709
			1.4404	414809

	Flange design	Foul air trap	Material	Item number
	With adhesive bonding flange	Without	1.4301	414710
			1.4404	414810
		With	1.4301	414711
			1.4404	414811
	With mechanical clamping flange	Without	1.4301	414712
			1.4404	414812
		With	1.4301	414713
			1.4404	414813

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	414714
			1.4404	414814
		With	1.4301	414715
			1.4404	414815
	With adhesive bonding flange	Without	1.4301	414716
			1.4404	414816
		With	1.4301	414717
			1.4404	414817

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	414718
			1.4404	414818
		With	1.4301	414719
			1.4404	414819

telescopic – horizontal outlet

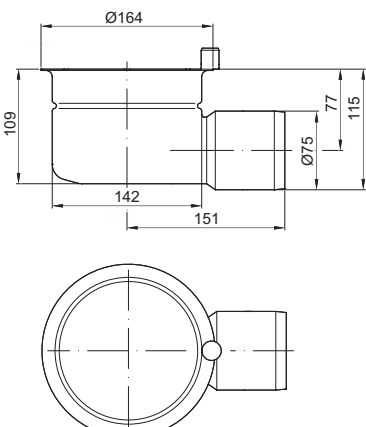
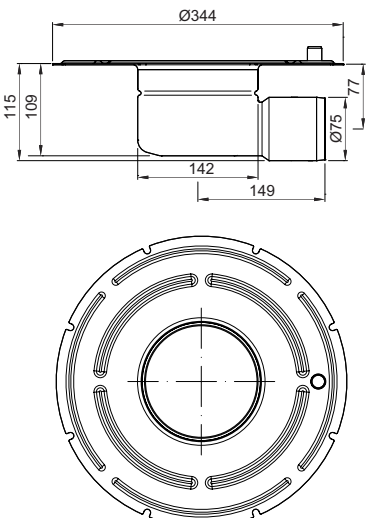
Product information

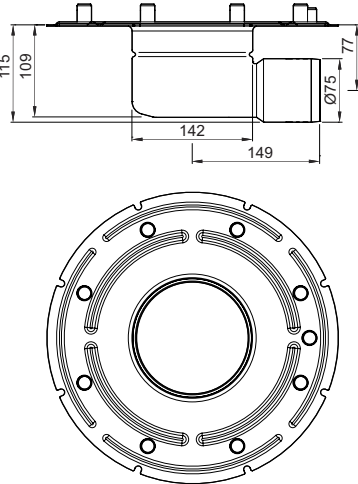
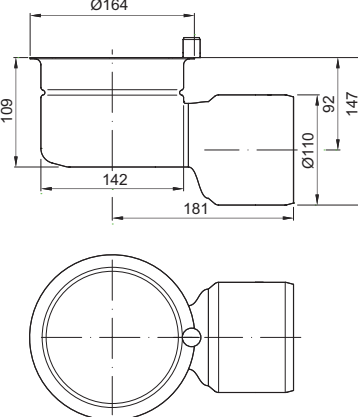
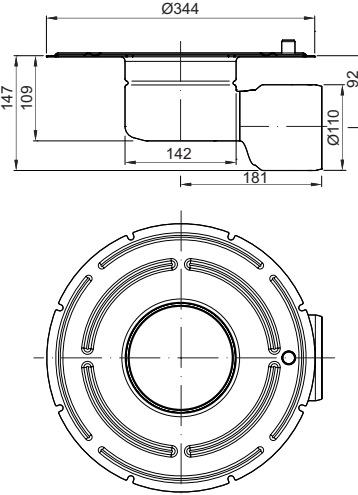
ACO Product benefits

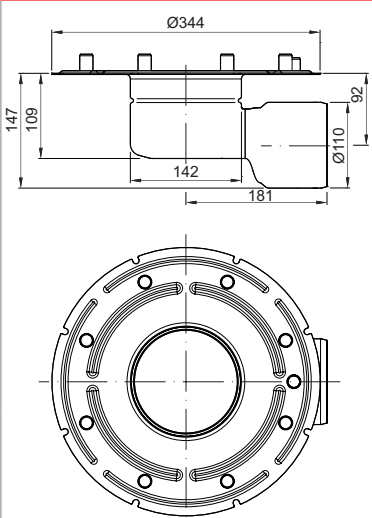
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Suitable for all floor types including vinyl flooring
- Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
- Fully removable stainless steel FAT

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm or 250 x 250 mm
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Telescopic friction ring included
- Tested and certified according to EN 1253

Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	414720
			1.4404	414820
		With	1.4301	414721
			1.4404	414821
	With adhesive bonding flange	Without	1.4301	414722
			1.4404	414822
		With	1.4301	414723
			1.4404	414823

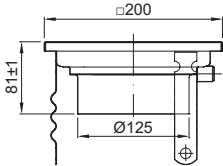
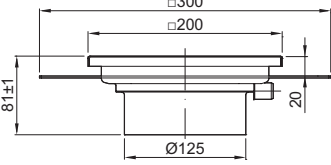
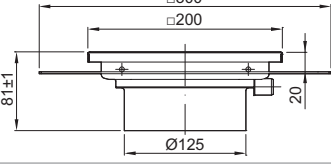
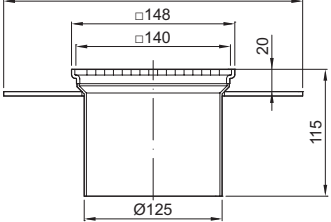
	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	414724
			1.4404	414824
		With	1.4301	414725
			1.4404	414825
	With location flange	Without	1.4301	414726
			1.4404	414826
		With	1.4301	414727
			1.4404	414827
	With adhesive bonding flange	Without	1.4301	414728
			1.4404	414828
		With	1.4301	414729
			1.4404	414829

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	414730
			1.4404	414830
		With	1.4301	414731
			1.4404	414831

gully tops for ACO gully 142 - telescopic
gully top for telescopic gully
Specific product information

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Available in grades 1.4301 (304) or 1.4404 (316L) of stainless steel

Order information

	Description	Version	Item number
	Square Top	1.4301	414732
		1.4404	414832
	Thin-Bed Top	1.4301	414734
		1.4404	414834
	Thin-Bed Top Drainage	1.4301	414735
		1.4404	414835
	Square top with sanded flange and stainless steel grating 150x150 mm (K3)	Plastic	414909

ACO gully 142/157 - gratings

gratings for gully top 200 x 200 mm

Specific product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Slip resistant gratings available for added user safety

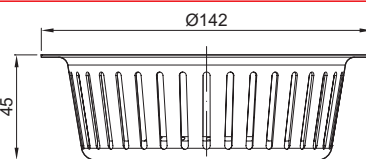
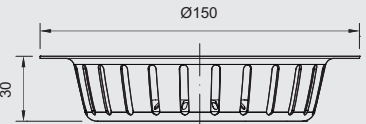
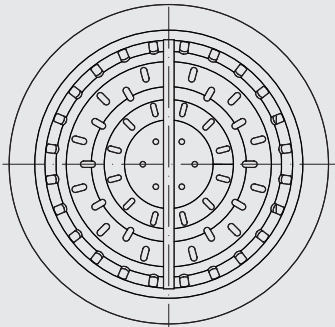
- Fits to stainless steel gully fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm
- Gratings suitable to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Tested and certified according to EN 1253
- Gratings suitable to load class R 50 (5 000 kg) - M 125 (EN 1253) or C 250 (EN 124)

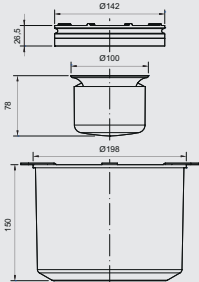


Order information

	Design	Load class	Anti-slip	Material	Item number
	ladder	R 50	With	1.4301	416912
				1.4404	416913
		M 125	With	1.4301	408093
				1.4404	408193
		C 250	Without	1.4301	408043
				1.4404	408143
	cast	M 125	With	1.4301	416942

Accessories

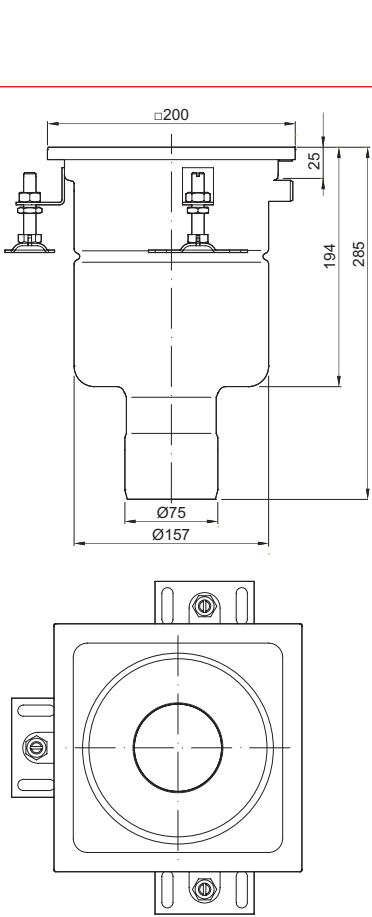
	Description	Used with	Item number
	Silt basket ■ Stainless steel ■ 0,4 litre capacity ☐ Material grade 1.4301 (304)	■ ACO gully 142 ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100	414739
	☐ Material grade 1.4404 (316L)		414839
 	Silt basket ■ Stainless steel ■ 0,3 litre capacity ☐ Material grade 1.4301 (304)	■ ACO gully 142 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100	414740
	☐ Material grade 1.4404 (316L)		414840
	Standard foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO gully 142 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100	414741
			414841
	Friction ring ■ Nitrile	■ ACO gully 142 ☐ Telescopic ☐ Fixed Height	414742
	Standard foul air trap support ■ Nitrile	■ ACO gully 142 ☐ Telescopic ☐ Fixed Height	414743

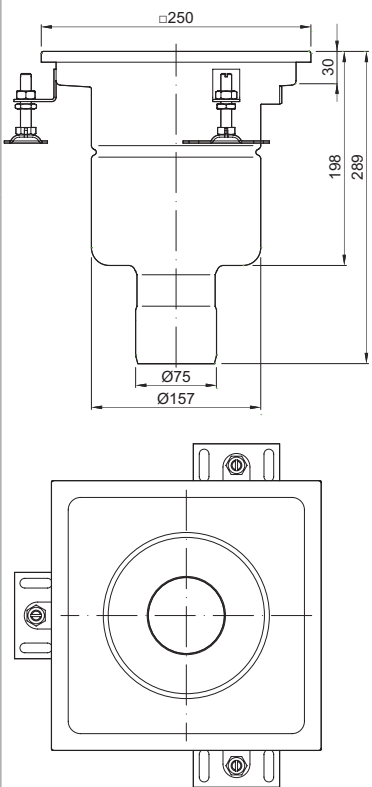
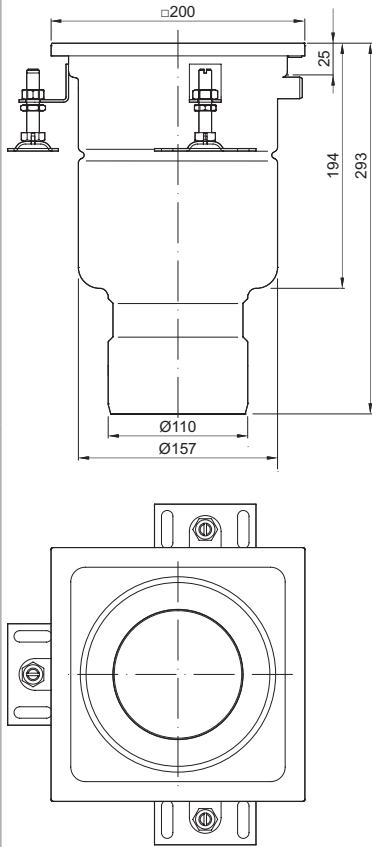
	Description	Used with	Item number
	ACO gully 142/DN 70 fire resistance kit ▪ Telescopic, verical ▪ Fixed height, verical	■ ACO gully 142 ▪ Telescopic, verical ▪ Fixed height, verical	416930
	ACO gully 142/DN 100 fire resistance kit ▪ Telescopic, verical ▪ Fixed height, verical	■ ACO gully 142 ▪ Telescopic, verical ▪ Fixed height, verical	416931

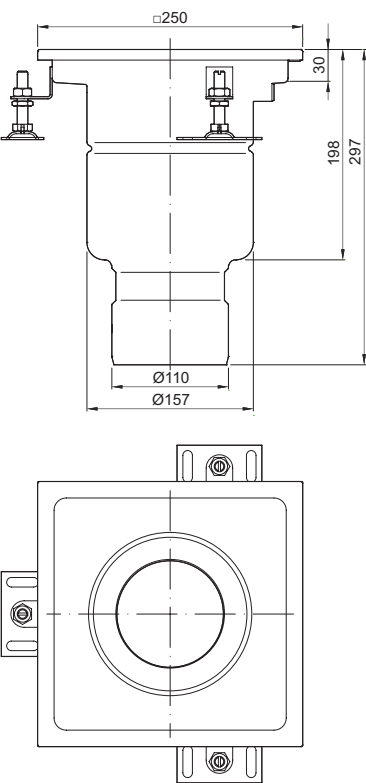
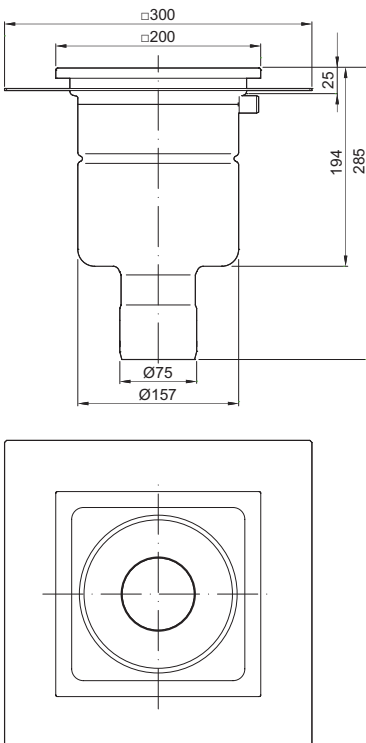
fixed height – vertical outlet
Product information
ACO Product benefits

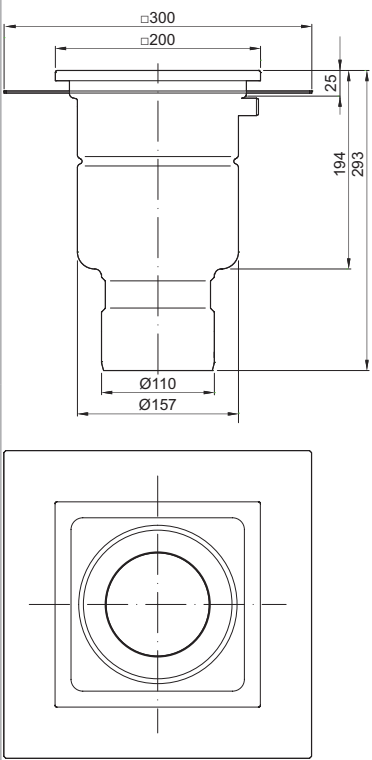
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
 - Stainless steel construction for durability and long life
 - Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
 - Fully removable stainless steel FAT
 - Fire tested and certified solution available for classes EI 90 – EI 180
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
 - Gully top frame size: 200 x 200 mm or 250 x 250 mm
 - Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
 - Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
 - Tested and certified according to EN 1253

Order information

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	Without	1.4301	408000
			1.4404	408100
		With	1.4301	408001
			1.4404	408101

	Recess [mm]	Foul air trap	Material	Item number
	250 x 250	Without	1.4301	408016
			1.4404	408116
		With	1.4301	408017
			1.4404	408117
	200 x 200	Without	1.4301	408002
			1.4404	408102
		With	1.4301	408003
			1.4404	408103

	Recess [mm]	Foul air trap	Material	Item number
	250 x 250	Without	1.4301	408018
			1.4404	408118
		With	1.4301	408019
			1.4404	408119
	200 x 200	With	1.4301	408047
			1.4404	408147

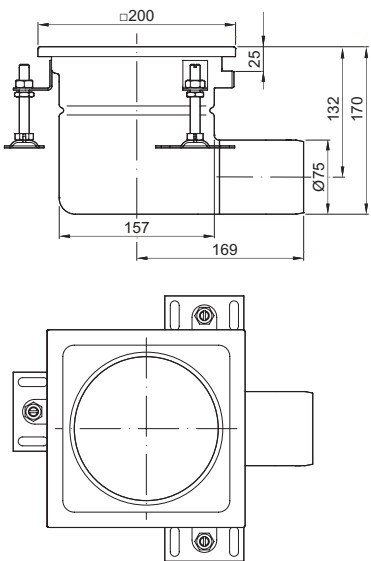
	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	With	1.4301	408099
			1.4404	408199

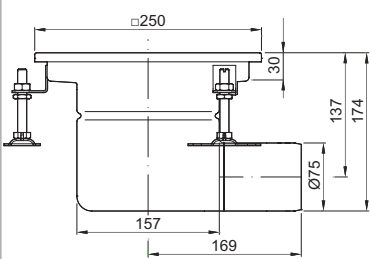
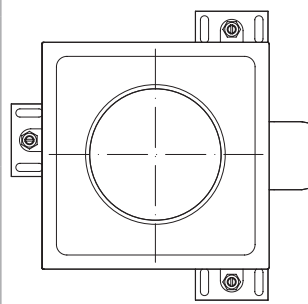
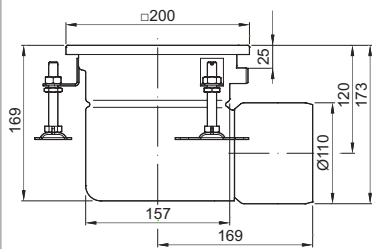
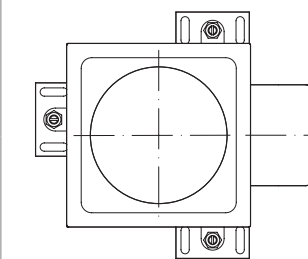
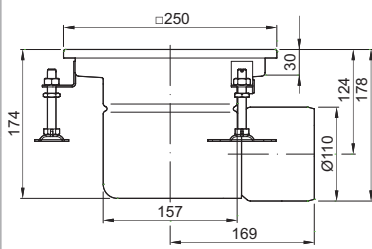
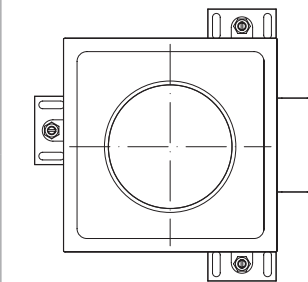
fixed height – horizontal outlet
Product information
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Suitable for all floor types including vinyl flooring

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm or 250 x 250 mm
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253

Order information

	Recess [mm]	Foul air trap	Material	Item number
	200 x 200	Without	1.4301	408008
			1.4404	408108
		With	1.4301	408009
			1.4404	408109

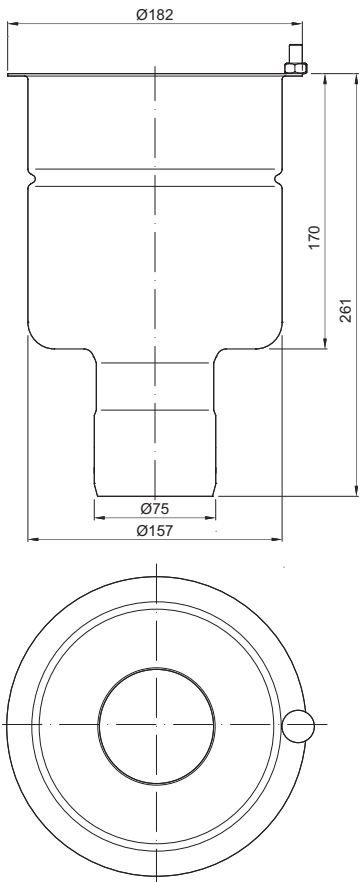
	Recess [mm]	Foul air trap	Material	Item number
 	250 x 250	Without	1.4301	408024
			1.4404	408124
		With	1.4301	408025
			1.4404	408125
 	200 x 200	Without	1.4301	408010
			1.4404	408110
		With	1.4301	408011
			1.4404	408111
 	250 x 250	Without	1.4301	408026
			1.4404	408126
		With	1.4301	408027
			1.4404	408127

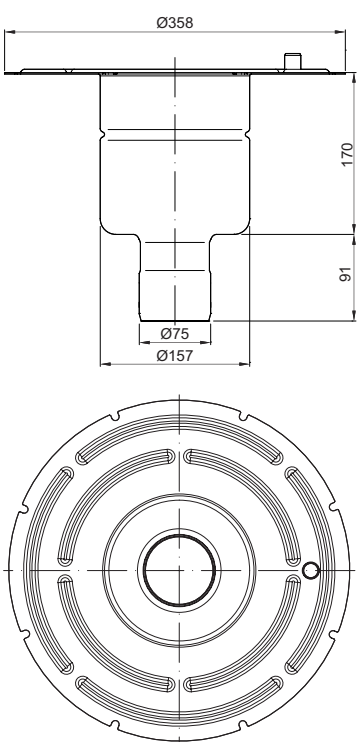
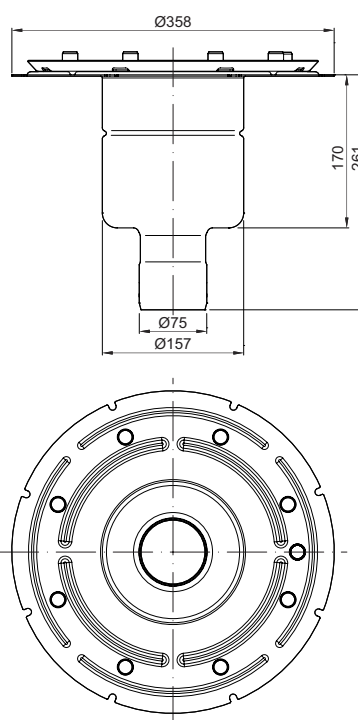
telescopic – vertical outlet
Product information
ACO Product benefits

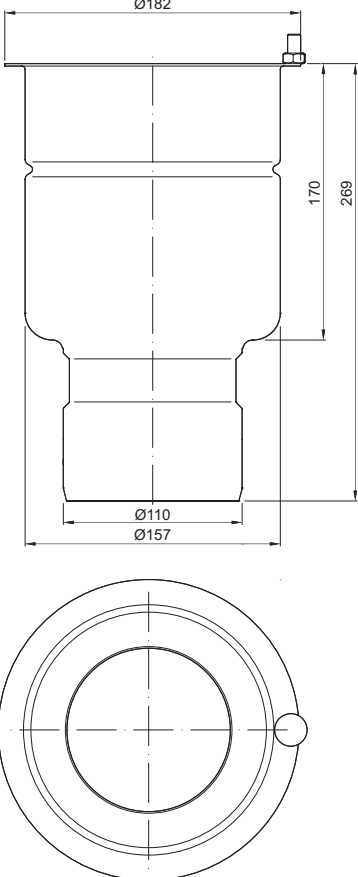
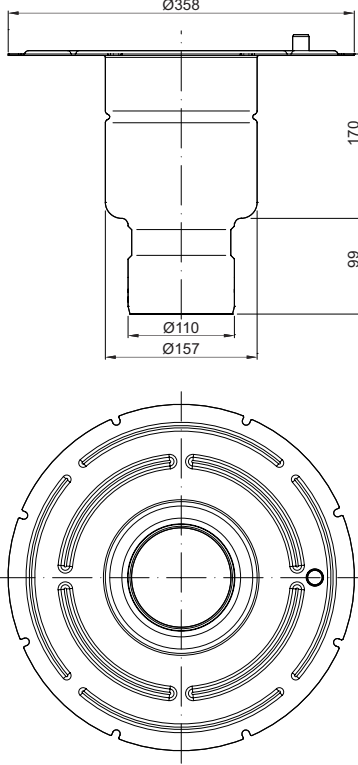
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Suitable for all floor types including vinyl flooring
- Fire tested and certified solution available for classes EI 90 – EI 180

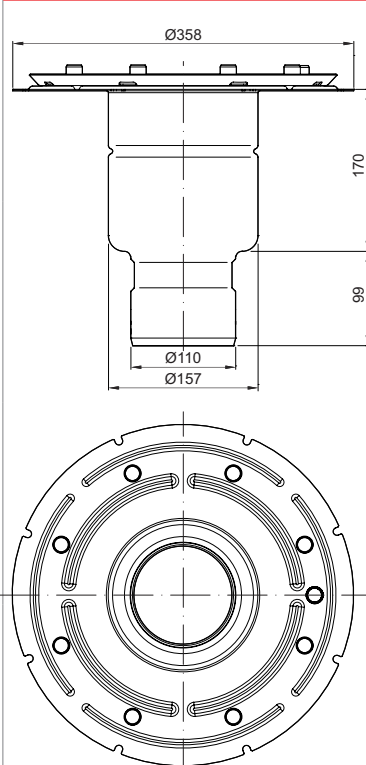
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm or 250 x 250 mm
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253

Order information

	Flange design	Foul air trap	Material	Item number
	Without		1.4301	408048
			1.4404	408148
	With location flange	With	1.4301	408049
			1.4404	408149

	Flange design	Foul air trap	Material	Item number
	With adhesive bonding flange	Without	1.4301	408050
			1.4404	408150
		With	1.4301	408051
			1.4404	408151
	With mechanical clamping flange	Without	1.4301	408052
			1.4404	408152
		With	1.4301	408053
			1.4404	408153

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408054
			1.4404	408154
		With	1.4301	408055
			1.4404	408155
	With adhesive bonding flange	Without	1.4301	408056
			1.4404	408156
		With	1.4301	408057
			1.4404	408157

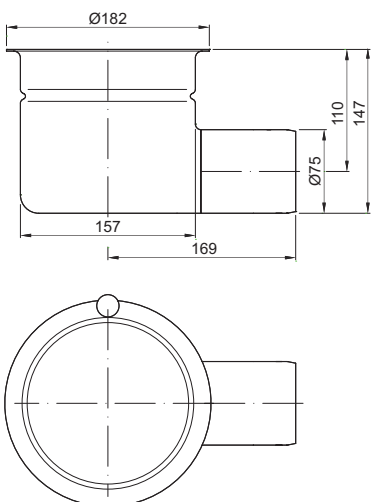
	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	408058
			1.4404	408158
		With	1.4301	408059
			1.4404	408159

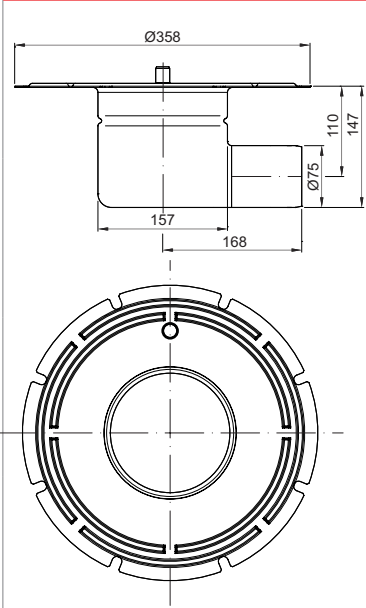
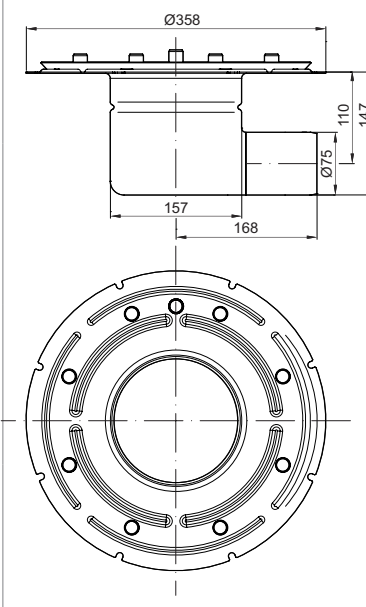
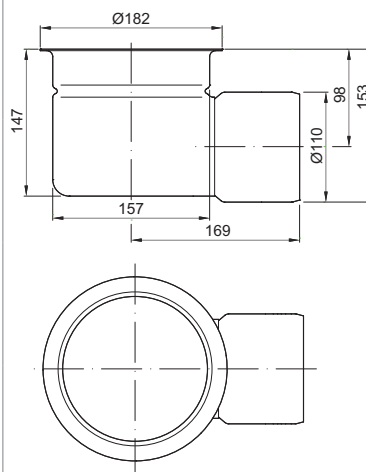
telescopic – horizontal outlet
Product information
ACO Product benefits

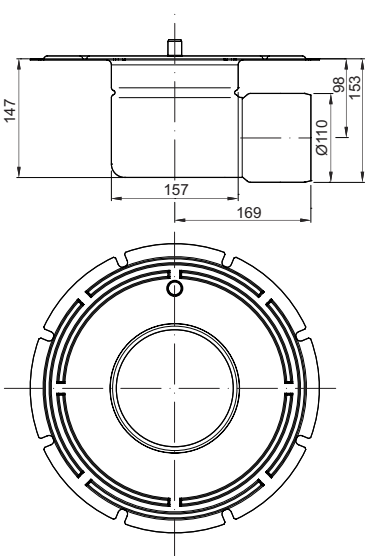
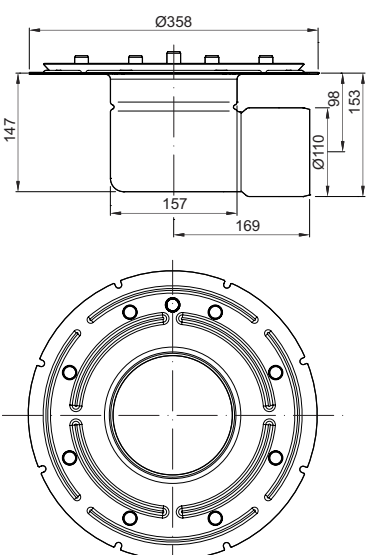
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Suitable for all floor types including vinyl flooring

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm or 250 x 250 mm
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253

Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408072
			1.4404	408172
		With	1.4301	408073
			1.4404	408173

	Flange design	Foul air trap	Material	Item number
	With adhesive bonding flange	Without	1.4301	408074
			1.4404	408174
		With	1.4301	408075
			1.4404	408175
	With mechanical clamping flange	Without	1.4301	408076
			1.4404	408176
		With	1.4301	408077
			1.4404	408177
	With location flange	Without	1.4301	408078
			1.4404	408178
		With	1.4301	408079
			1.4404	408179

	Flange design	Foul air trap	Material	Item number
	With adhesive bonding flange	Without	1.4301	408080
			1.4404	408180
		With	1.4301	408081
			1.4404	408181
	With mechanical clamping flange	Without	1.4301	408082
			1.4404	408182
		With	1.4301	408083
			1.4404	408183

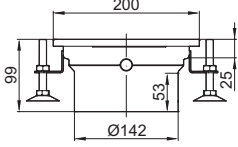
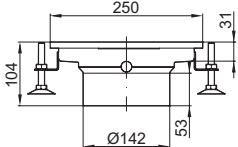
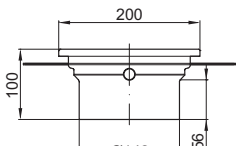
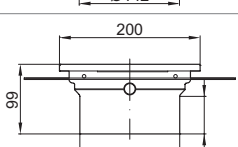
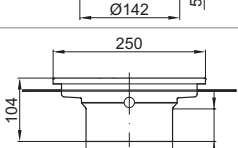
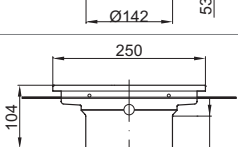
gully tops for ACO gully 157 - telescopic

gully tops for telescopic gully

Specific product information

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Square gully tops 200 x 200 or 250 x 250 for load class L15; M 125 or C250
- Available in grades 1.4301 (304) or 1.4401 (316L) of stainless steel

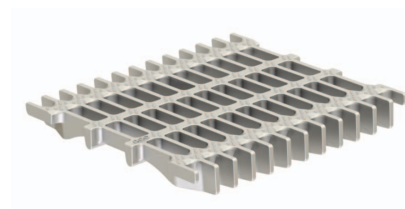
Order information

	Description	Version	Item number
	Square Top	1.4301	408208
		1.4404	408218
	Square Top	1.4301	408248
		1.4404	408258
	Thin-Bed Top	1.4301	408241
		1.4404	408251
	Thin-Bed Top seepage drainage	1.4301	408244
		1.4404	408254
	Thin-Bed Top	1.4301	408245
		1.4404	408255
	Thin-Bed Top seepage drainage	1.4301	408246
		1.4404	408256

ACO gully 142/157 - gratings
gratings for gully top 200 x 200 mm
Specific product information
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Slip resistant gratings available for added user safety

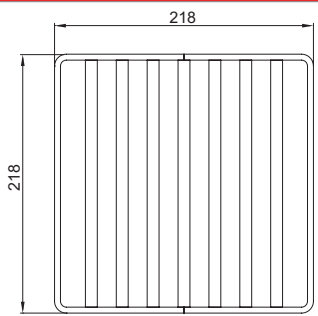
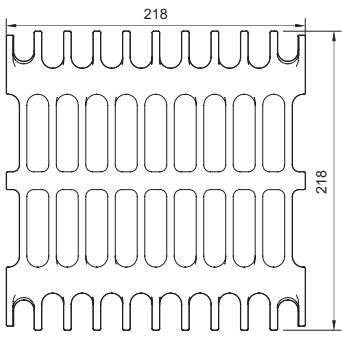
- Fits to stainless steel gully fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 200 x 200 mm
- Gratings suitable to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Tested and certified according to EN 1253
- Gratings suitable to load class R 50 (5 000 kg) - M 125 (EN 1253) or C 250 (EN 124)


Order information

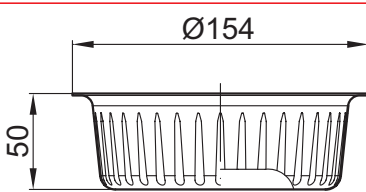
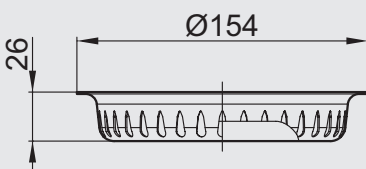
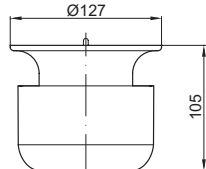
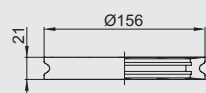
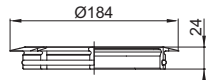
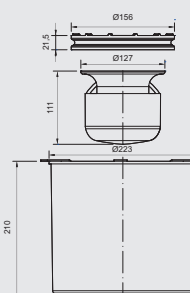
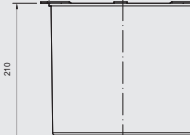
	Design	Load class	Anti-slip	Material	Item number
	ladder	M 125	With	1.4301	408093
				1.4404	408193
		C 250	Without	1.4301	408043
				1.4404	408143
	cast	M 125	With	1.4301	416942

gratings for gully top 250 x 250 mm

Order information

	Design	Load class	Anti-slip	Material	Item number
	ladder	R 50	With	1.4301	416914
				1.4404	416915
		M 125	With	1.4301	408028
				1.4404	408128
		C 250	Without	1.4301	408044
				1.4404	408144
	cast	M 125	With	1.4301	416942

Accessories

	Description	Used with	Item number
	Basket ■ Stainless steel ■ Vertical outlet gully silt basket ■ 0,6 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO gully 157 - vertical ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100 ■ ACO slot channel 20 (for outlet 142 mm) ■ ACO box channel 200 (for outlet 142 mm)	408202 408212
	Basket ■ Stainless steel ■ Horizontal outlet gully silt basket ■ 0,3 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO gully 157 - horizontal ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100	408203 408213
	Foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO gully 157 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100	408200 408210
	Foul air trap support ■ Nitrile	■ ACO gully 157 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100 ■ ACO tray channel (outlet 142 mm)	408201
	Friction ring installation set ■ Nitrile	■ ACO gully 157 ☐ Telescopic ☐ Nominal diameter DN 70 and DN 100 ■ ACO tray channel (outlet 142 mm)	408205
	ACO gully 157/DN 70 fire resistance kit ■ Telescopic, verical ■ Fixed height, verical	■ ACO gully 157 ■ Telescopic, verical ■ Fixed height, verical	416932
	ACO gully 157/DN 100 fire resistance kit ■ Telescopic, verical ■ Fixed height, verical	■ ACO gully 157 ■ Telescopic, verical ■ Fixed height, verical	416933

fixed height – vertical outlet

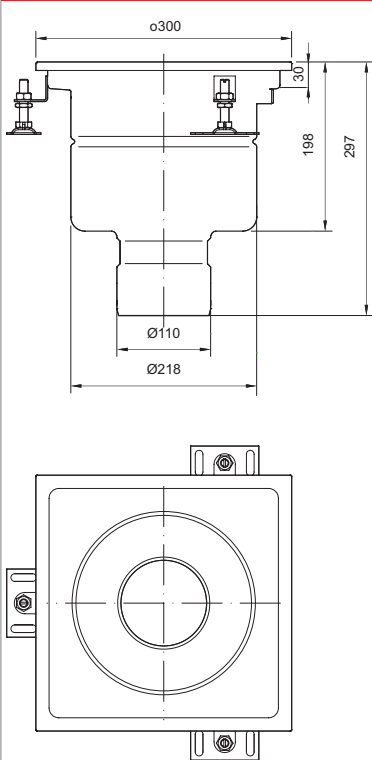
Product information

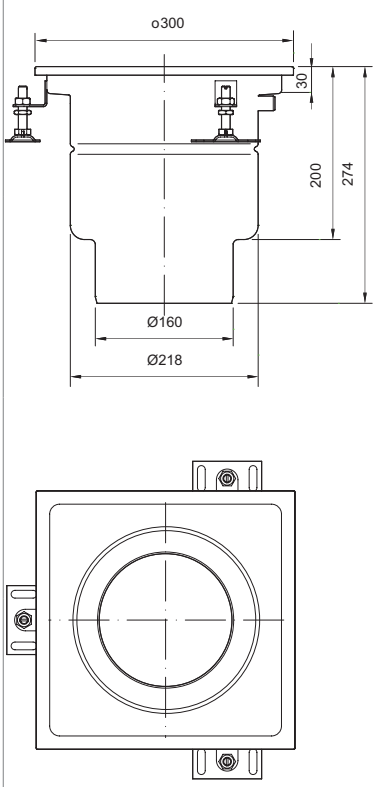
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Suitable for all floor types including vinyl flooring
- Fire tested and certified solution available for classes EI 90 – EI 180

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 300 x 300 mm
- Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
- Fully removable stainless steel FAT
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253

Order information

	Recess [mm]	Foul air trap	Material	Item number
	300 x 300	Without	1.4301	408004
			1.4404	408104
		With	1.4301	408005
			1.4404	408105

	Recess [mm]	Foul air trap	Material	Item number
	300 x 300	Without	1.4301	408006
			1.4404	408106
		With	1.4301	408007
			1.4404	408107

fixed height – horizontal outlet

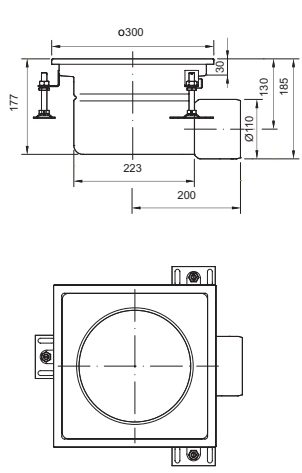
Product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Suitable for all floor types including vinyl flooring
- Fire tested and certified solution available for classes EI 90 – EI 180

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 300 x 300 mm
- Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253

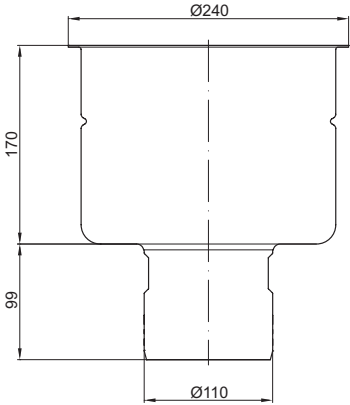
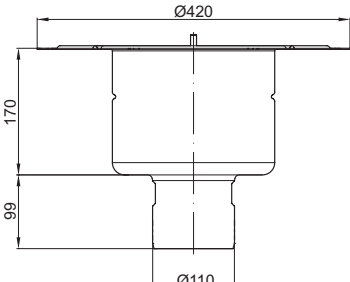
Order information

	Recess [mm]	Foul air trap	Material	Item number
	300 x 300	Without	1.4301	408012
			1.4404	408112
			1.4301	408013
		With	1.4404	408113

telescopic – vertical outlet
Product information
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
 - Stainless steel construction for durability and long life
 - Suitable for all floor types including vinyl flooring
 - Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
 - Fully removable stainless steel FAT
 - Fire tested and certified solution available for classes R 30 – R 120
 - Dry installation kit "Fit-in" available
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
 - Gully top frame size: 300 x 300 mm
 - Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
 - Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
 - Telescopic friction ring included

Order information

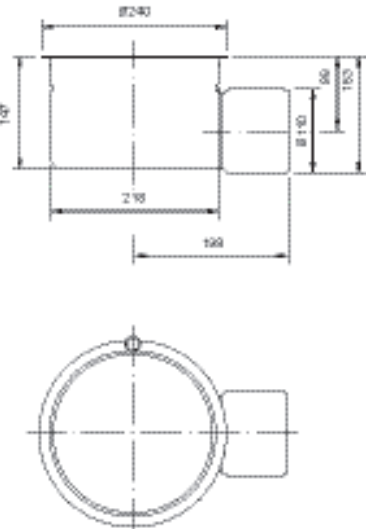
	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408060
			1.4404	408160
		With	1.4301	408061
			1.4404	408161
	With adhesive bonding flange	Without	1.4301	408062
			1.4404	408162
		With	1.4301	408063
			1.4404	408163

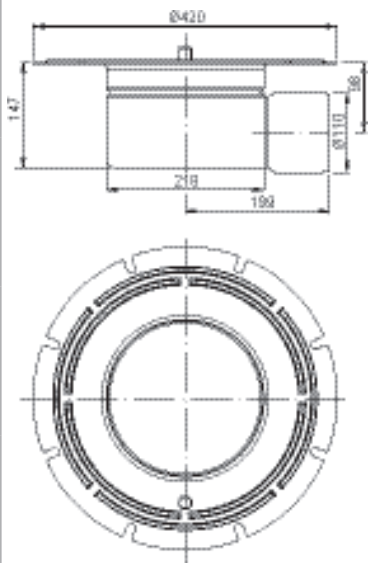
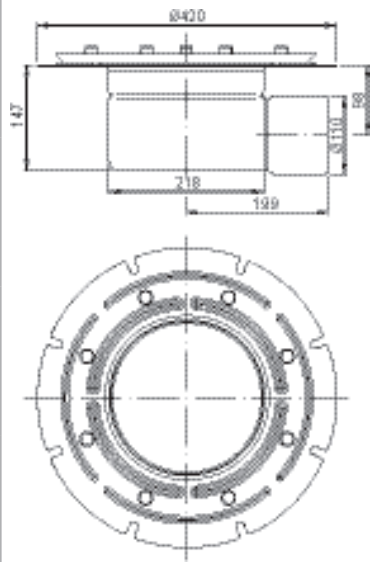


telescopic – horizontal outlet
Product information
ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
 - Stainless steel construction for durability and long life
 - Suitable for all floor types including vinyl flooring
 - Wide range of gratings to Load Class L15 – M 125 (EN 1253) or C250 (EN 124) including antislip solution
 - Fully removable stainless steel FAT
 - Fire tested and certified solution available for classes R 30 - R 120
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
 - Gully top frame size: 300 x 300 mm
 - Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
 - Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
 - Tested and certified according to EN 1253

Order information

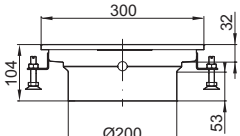
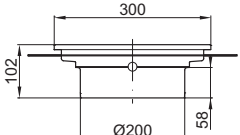
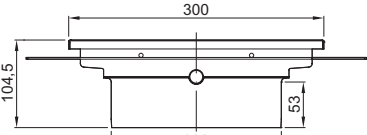
	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408084
			1.4404	408184
	With location flange	With	1.4301	408085
			1.4404	408185

	Flange design	Foul air trap	Material	Item number
	With adhesive bonding flange	Without	1.4301	408086
			1.4404	408186
		With	1.4301	408087
			1.4404	408187
	With mechanical clamping flange	Without	1.4301	408088
			1.4404	408188
		With	1.4301	408089
			1.4404	408189

gully tops for ACO gully 218 - telescopic
gully tops for telescopic gully
Specific product information

- Square gully tops 300 x 300 for load class L15; M 125 or C250
- Available in grades 1.4301 (304) or 1.4401 (316L) of stainless steel

Order information

	Description	Version	Item number
	Square Top	1.4301	408228
		1.4404	408238
	Thin-Bed Top	1.4301	408243
		1.4404	408253
	Thin-Bed Top seepage drainage	1.4301	408247
		1.4404	408257

ACO gully 218 - gratings

gratings for gully top 300 x 300 mm

Specific product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Antislip solution available

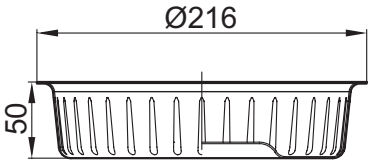
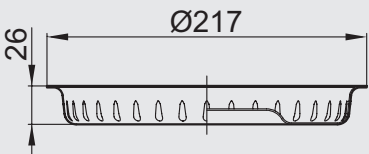
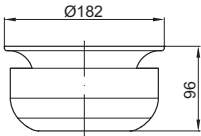
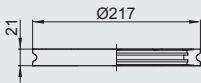
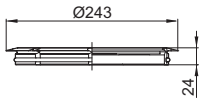
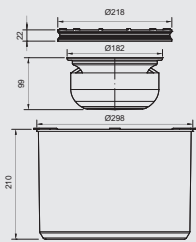
- Fits to stainless steel gully fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Gully top frame size: 300 x 300 mm
- Gratings suitable to load class L15 – M 125 (EN 1253) or C250 (EN 124)
- Tested and certified according to EN 1253
- Gratings suitable to load class R 50 (5 000 kg) - M 125 (EN 1253) or C 250 (EN 124)



Order information

	Design	Load class	Anti-slip	Material	Item number
	ladder	R 50	With	1.4301	416916
				1.4404	416917
		M 125	With	1.4301	408037
				1.4404	408137
		C 250	Without	1.4301	408045
				1.4404	408145
	cast	M 125	With	1.4301	416944

Accessories

	Description	Used with	Item number
	Basket ■ Stainless steel ■ Vertical outlet gully silt basket ■ 1,4 litre capacity ☐ Material grade 1.4301 (304)	■ ACO gully 218 - vertical ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 100 and DN 150	408222
	☐ Material grade 1.4404 (316L)		408232
	Basket ■ Stainless steel ■ Horizontal outlet gully silt basket ■ 0,7 litre capacity ☐ Material grade 1.4301 (304)	■ ACO gully 218 - horizontal ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 100	408223
	☐ Material grade 1.4404 (316L)		408233
	Foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO gully 218 ☐ Fixed height ☐ Telescopic	408220
			408230
	Foul air trap support ■ Nitrile	■ ACO gully 218 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 100 and DN 150	408221
	Friction ring installation set ■ Nitrile	■ ACO gully 218 ☐ Fixed height ☐ Telescopic ☐ Nominal diameter DN 100 and DN 150	408225
	ACO gully 218/DN 100 fire resistance kit ☐ Telescopic, vertical ☐ Fixed height, vertical	■ ACO gully 218 ☐ Telescopic, vertical ☐ Fixed height, vertical	416934
	ACO gully 218/DN 150 fire resistance kit ☐ Telescopic, vertical ☐ Fixed height, vertical	■ ACO gully 218 ☐ Telescopic, vertical ☐ Fixed height, vertical	416935



ACO tray channel

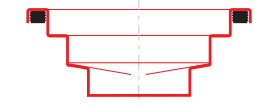
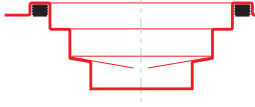
ACO tray channels

System overview

ACO tray channels are designed to be used in commercial applications where hygiene, durability and performance requirements are paramount. ACO introduces two new channel types that follow requirements of hygienic design and they exceed requirements reserved for food contact surfaces and conform with legal standards used across the world including EN1253, EN1433, CE-marking and differing fire protection requirements. ACO tray channels are available in number of different versions featuring different channel volume, flow rates, size and spigot outlet diameter to suit various applications.

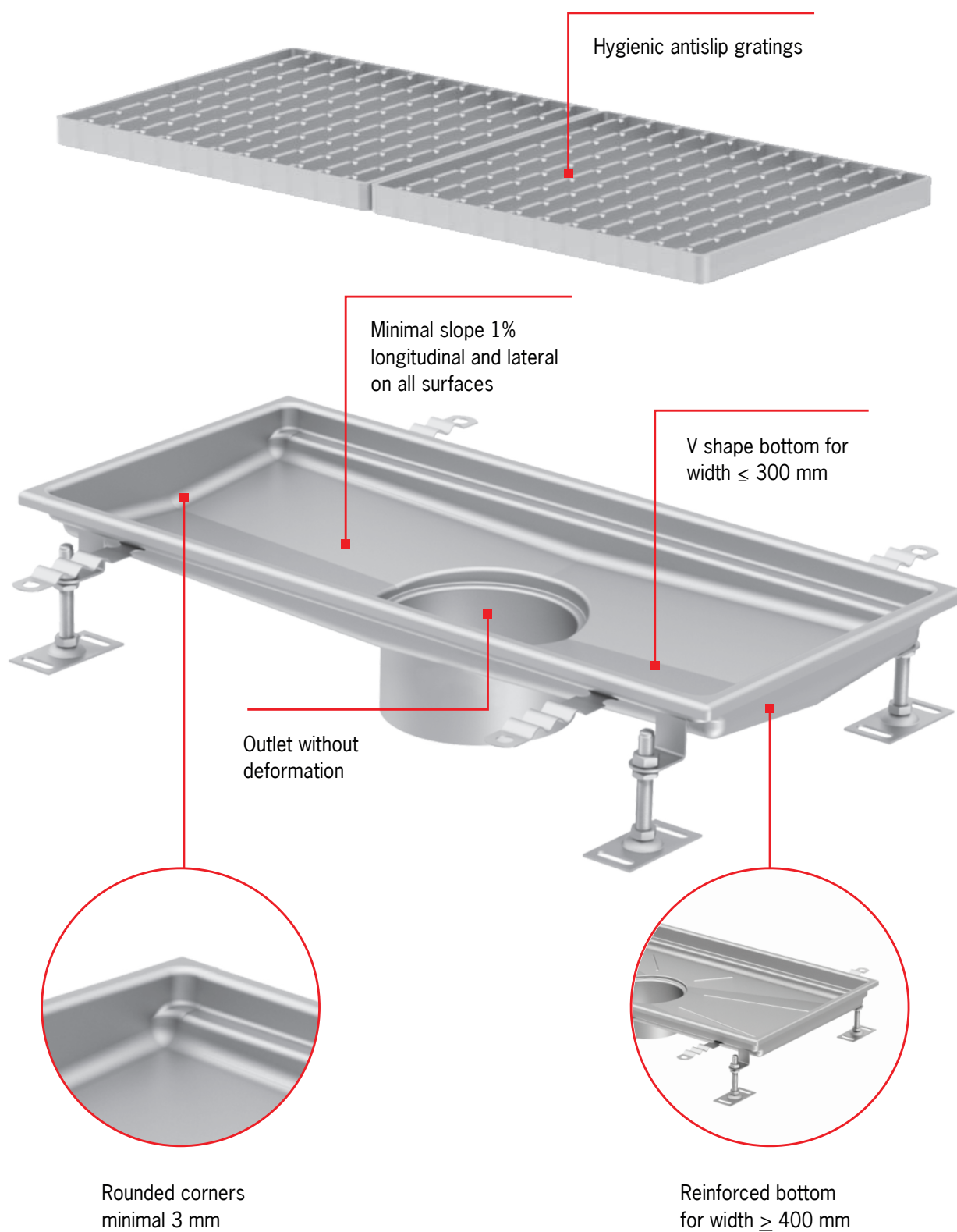
The floor construction and depth together with use of any waterproofing membrane play an important role in selection of the appropriate type of ACO tray channel. ACO offer 2 hygienic tray channel types as shown in the table below.

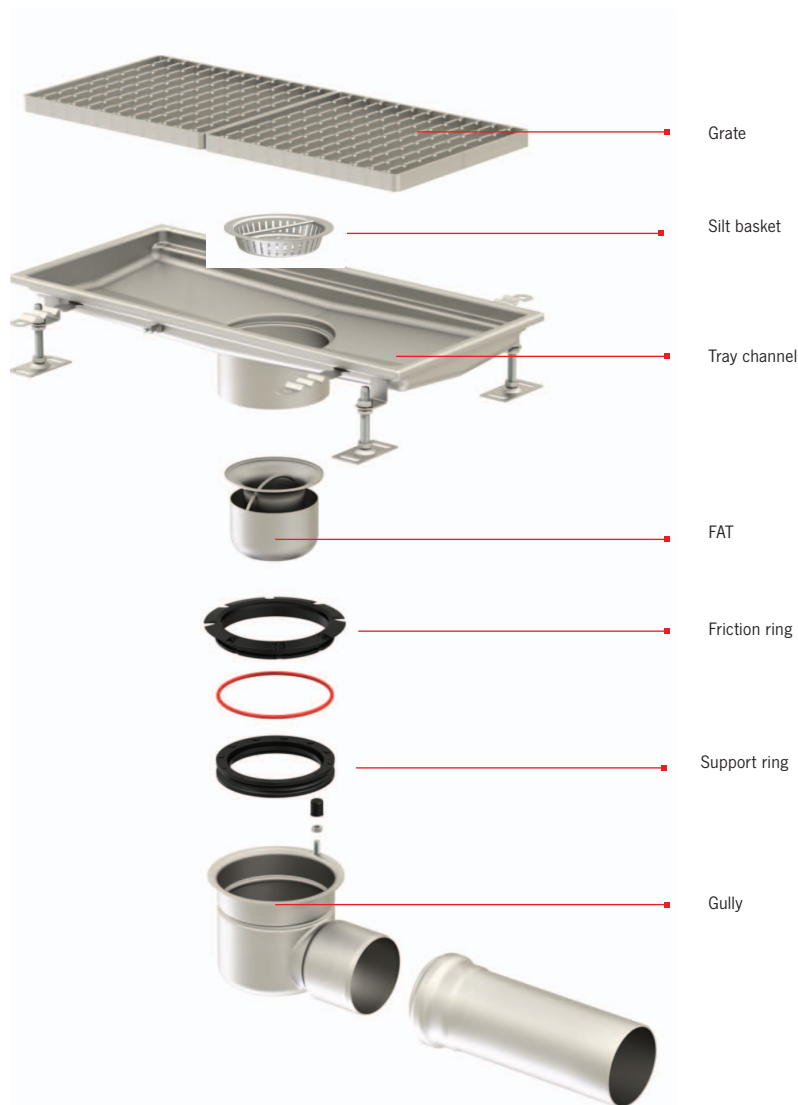
- **Standard type:** resin floor, concrete floor, tiled floor
- **Extended type:** tiled floor

Standard type	
Extended type	

ACO tray channels

Hygienic design features



ACO tray channels
Product features and benefits

Specifier benefits

- Fully complaint to EN 1253
- Stainless steel construction for durability and long life
- Channel edge infill supplied as standard for hygiene and durability
- Four different channel types covering all typical floor installations concrete, resin, tiles, vinyl
- Easy and secure telescopic connection with gully
- Reliable waterproofing membrane connection options
- High flow rate
- Easy to specify system
- Optimal hygienic solution

Installing contractor benefits

- Fully complaint to EN 1253
- Easy and secure telescopic connection with gully
- Reliable waterproofing membrane connection options
- Friction ring converts easily to membrane seepage drainage
- Height adjustable installation with telescopic edge configuration.
- Installation friendly connection of vinyl floor to the channel provided by vinyl edge
- Channel edge infill for durability and eliminates time-consuming back filling

Client benefits

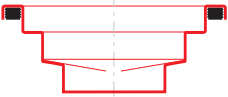
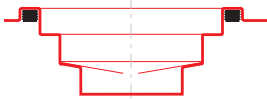
- Hygienic design
- Fully complaint to EN 1253
- Optimal hygienic solution
- Slip resistant gratings available for added user safety
- Easy and low cost cleaning
- Stainless steel construction for durability and long life
- Optional silt basket
- Channel edge infill for hygiene and durability

ACO tray channels

Tray channel guide

Step 1

Waterproofing membrane

Waterproofing	Floor finish	Channel type	Drawing
Waterproofing membrane connected to the gully	Tiled, concrete or resin floor	Standard type	
Waterproofing membrane connected to the tray channel	Tiled floor	Extended type	

Step 2

Gully type selection

	Channel volume [litres]	Width [mm]	Length [mm]	Height [mm]	Channel outlet [mm]	Compatible gully
0-10	4,7	200	530	60	125	ACO gully 142
	7,0	200	830	60	125	
	8,8	200	1030	60	125	
0-20	10,4	200	1230	60	125	
	12,8	200	1530	60	125	
	16,9	200	2030	60	125	
0-10	4,3	300	330	60	125	ACO gully 157
	4,7	200	530	60	142	
	7,0	200	830	60	142	
	8,1	400	430	60	142	
	8,6	300	630	60	142	
	8,8	200	1030	60	142	
10-20	10,4	200	1230	60	142	
	12,0	400	630	60	142	
	12,7	500	530	60	142	
	12,8	200	1530	60	142	
	13,9	300	1030	60	142	
	15,8	400	830	60	142	
	16,9	200	2030	60	142	
20-60	20,1	500	830	60	142	
	20,7	300	1530	60	142	
	24,9	500	1030	60	142	
	27,4	300	2030	60	142	
	40,8	300	3030	60	142	
	54,5	300	4030	60	142	

Channel volume [litres]		Width [mm]	Length [mm]	Height [mm]	Channel outlet [mm]	Compatible gully
0-10	4,3	300	330	60	200	ACO gully 218
	8,1	400	430	60	200	
	8,6	300	630	60	200	
10-20	12,0	400	630	60	200	
	12,7	500	530	60	200	
	13,9	300	1030	60	200	
	15,8	400	830	60	200	
	18,4	600	630	60	200	
20-60	20,1	500	830	60	200	
	20,7	300	1530	60	200	
	24,9	500	1030	60	200	
	27,3	600	930	60	200	
	27,4	300	2030	60	200	
	32,9	800	830	60	200	
	36,2	600	1230	60	200	
	40,8	300	3030	60	200	
	54,5	300	4030	60	200	

ACO tray channels

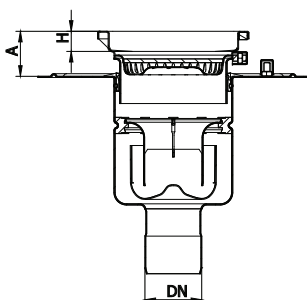
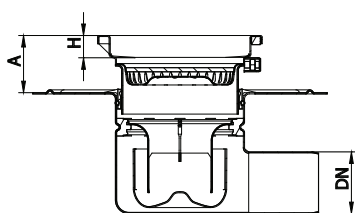
Step 3

Tray channel flow

Third step of tray channel specification is related with flow rate. Flow rate reflects the channel ability to constantly drain certain amount of water. Flow rate is generally defined by ACO gully size which was specified in Step 2. Tray channel range is available with two different gully sizes:

- ACO gully 142
- ACO gully 157
- ACO gully 218

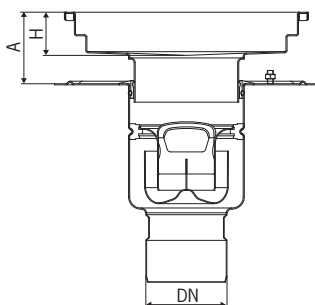
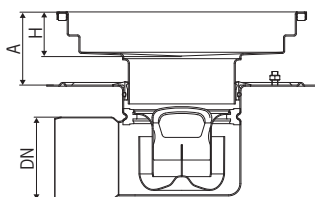
ACO gully 142



ACO gully 142		Flow rates [l/s]	
Gully outlet		H=60 mm	
		A min.	A max.
Horizontal	DN 70	1.4	1.7
	DN 100	1.6	1.9
Vertical	DN 70	1.4	1.7
	DN 100	1.6	1.9

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)

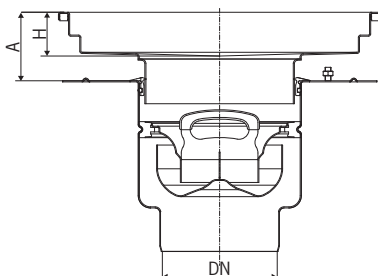
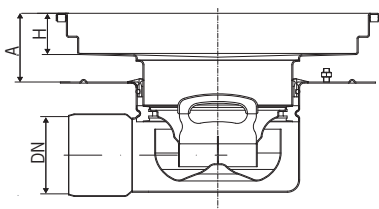
ACO gully 157



ACO gully 157		Flow rates [l/s]	
Gully outlet		H=60 mm	
		A min.	A max.
Horizontal	DN 70	2.8	3.1
	DN 100	3.2	3.9
Vertical	DN 70	2.9	3.1
	DN 100	3.9	4.2

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 gully 218



ACO gully 218		Flow rates [l/s]									
Gully outlet		H=60 mm		H=80 mm		H=100 mm		H=150 mm		H=200 mm	
		A min.	A max.	A min.	A max.	A min.	A max.	A min.	A max.	A min.	A max.
Horizontal	DN 100	4.5	4.7	4.8	4.9	4.9	5.1	5.0	5.6	5.6	6.4
	DN 150	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4
	DN 200	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4

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 tray channels

Step 4

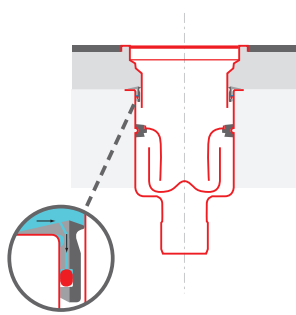
Gully type

There are two core gully functions.

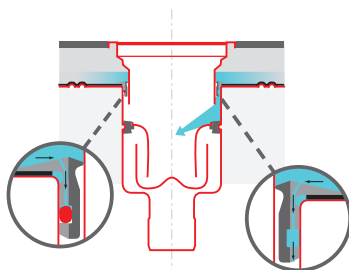
- Gully provides connection between channel body and foul drainage system. Each channel size has its own ACO gully defined in Step 3.
- Gully works as the odour trap and filtration unit. Odour from foul drainage system is prevented by a fully removable Foul Air Trap (FAT). Filtration of solid parts is provided by fully removable Silt Basket. FAT and Silt basket specification follows in Step 5.

Tray channel gullies offer three basic variations of telescopic connections between the tray channel and gully itself.

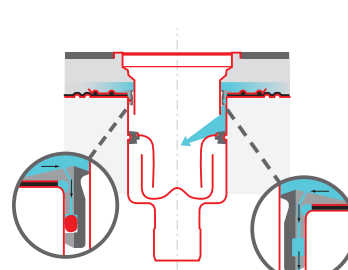
- Telescopic connection with location flange
- Telescopic connection with adhesive bonding flange for water proofing
- Telescopic connection with mechanical clamping flange for water proofing



With location flange



With adhesive bonding flange



With mechanical clamping flange

Table below is the guide to pick up correct gully type.

Telescopic connection WITHOUT flange for water proofing		Telescopic connection WITH flange for water proofing	
ACO gully 142 ACO gully 157 ACO gully 218 location flange		ACO gully 142 ACO gully 157 ACO gully 218 bonding flange	ACO gully 142 ACO gully 157 ACO gully 218 mechanical clamping flange
			
▪ No water proofing connection to the gully		▪ Waterproofing welded or glued to the gully	▪ Waterproofing mechanically clamped to the gully

ACO tray channels

Step 5

Gully accessories selection

Following accessories are available:

- **Foul air trap (FAT)** – blocks the odour coming from foul drainage system
- **Foul air trap support** – locates the FAT inside the gully body. Foul air trap support is mandatory if FAT used.
- **Silt basket** – filtration of solid parts
- **Sieve** – filtration of solid parts (shallow version)
- **Friction ring** – provides telescopic connection between tray channel and gully body. Friction ring installation set is mandatory if bonding flange or double clamping flange used.

Telescopic connection without flange for water proofing		Telescopic connection with flange for water proofing	
ACO gully 142 ACO gully 157 ACO gully 218 location flange		ACO gully 142 ACO gully 157 ACO gully 218 adhesive bonding flange	ACO gully 142 ACO gully 157 ACO gully 218 mechanical clamping flange
			
▪ Friction ring ▪ FAT ▪ FAT support		▪ Friction ring ▪ FAT ▪ FAT support	▪ Friction ring ▪ FAT ▪ FAT support
▪ Silt basket 0.25 l for ACO gully 142 ▪ Silt basket 0.4 l for ACO gully 142 ▪ Silt basket 0.6 l for ACO gully 157 ▪ Silt basket 0.3 l for ACO gully 157 ▪ Silt basket 1.4 l for ACO gully 218 ▪ Silt basket 0.7 l for ACO gully 218		▪ Silt basket 0.25 l for ACO gully 142 ▪ Silt basket 0.4 l for ACO gully 142 ▪ Silt basket 0.6 l for ACO gully 157 ▪ Silt basket 0.3 l for ACO gully 157 ▪ Silt basket 1.4 l for ACO gully 218 ▪ Silt basket 0.7 l for ACO gully 218	▪ Silt basket 0.25 l for ACO gully 142 ▪ Silt basket 0.4 l for ACO gully 142 ▪ Silt basket 0.6 l for ACO gully 157 ▪ Silt basket 0.3 l for ACO gully 157 ▪ Silt basket 1.4 l for ACO gully 218 ▪ Silt basket 0.7 l for ACO gully 218

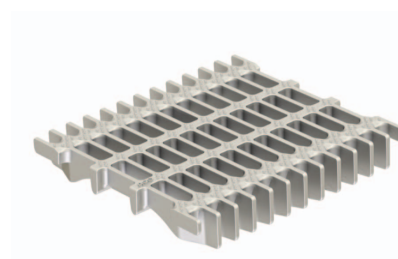
Step 6

Grating selection

Hygienic design portfolio includes gratings. These complement the portfolio of gullies and channels suitable for areas where Food safety and Health&Safety are paramount. Ladder and Casted gratings follow hygienic design principles reserved for food contact surfaces EN 1672 and EN ISO 14159 and are available in different sizes and loading classes. Tray channel range offers mesh grating with either plain or slip resistant finish and newly also cast

gratings. Grates are designed for Load Class – L 15. Grating size is based on channel body size.

- **Plain grating:** to be used in areas with reduced demand for slip resistance for example where trolleys are turning.
- **Slip resistant grating:** to be used in all areas where there is an increased risk of accident caused by slipping.





Floor drainage ▶ Channels

ACO tray channel

ACO tray channel

standard profile	74
extended profile	76
gratings	79

Channels - standard profile

Product information

ACO Product benefits

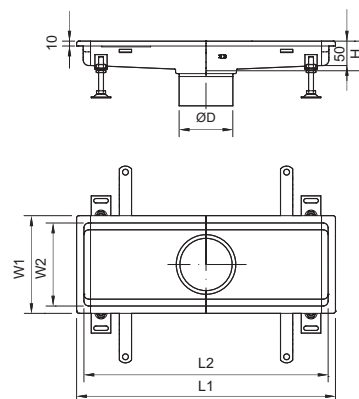
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document8 requirements:
 - Hygienic antislip gratings
 - Minimal slope 1 % longitudinal and lateral on all surfaces
 - V-shape bottom for width ≤ 300 mm
 - Outlet without deformation
 - Rounded corners minimal 3 mm
 - Reinforced bottom for width ≥ 400 mm

- Gully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully



Order information

Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	d [mm]			
200	170	530	500	60	125	ACO gully 142	1.4301	416584
200	170	530	500	60	125		1.4404	416602
200	170	830	800	60	125		1.4301	416585
200	170	830	800	60	125		1.4404	416603
200	170	1,030	1,000	60	125		1.4301	416586
200	170	1,030	1,000	60	125		1.4404	416604
200	170	1,230	1,200	60	125		1.4301	416587
200	170	1,230	1,200	60	125		1.4404	416605
200	170	1,530	1,500	60	125		1.4301	416588
200	170	1,530	1,500	60	125		1.4404	416606
200	170	2,030	2,000	60	125		1.4301	416589
200	170	2,030	2,000	60	125		1.4404	416607
200	170	530	500	60	142	ACO gully 157	1.4301	416590
200	170	530	500	60	142		1.4404	416608
200	170	830	800	60	142		1.4301	419591
200	170	830	800	60	142		1.4404	416609
200	170	1,030	1,000	60	142		1.4301	416592
200	170	1,030	1,000	60	142		1.4404	416610
200	170	1,230	1,200	60	142		1.4301	416593
200	170	1,230	1,200	60	142		1.4404	416611
200	170	1,530	1,500	60	142		1.4301	416594
200	170	1,530	1,500	60	142		1.4404	416612
200	170	2,030	2,000	60	142		1.4301	416595
200	170	2,030	2,000	60	142		1.4404	416613
300	270	330	300	60	142		1.4301	416614
300	270	330	300	60	142		1.4404	416628
300	270	630	600	60	142		1.4301	416615



Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	d [mm]			
300	270	630	600	60	142	ACO gully 157	1.4404	416629
300	270	1,030	1,000	60	142		1.4301	416616
300	270	1,030	1,000	60	142		1.4404	416630
300	270	1,530	1,500	60	142		1.4301	416617
300	270	1,530	1,500	60	142		1.4404	416631
300	270	2,030	2,000	60	142		1.4301	416618
300	270	2,030	2,000	60	142		1.4404	416632
300	270	3,030	3,000	60	142		1.4301	416619
300	270	3,030	3,000	60	142		1.4404	416633
300	270	4,030	4,000	60	142		1.4301	416620
300	270	4,030	4,000	60	142		1.4404	416634
300	270	330	300	60	200	ACO gully 218	1.4301	416621
300	270	330	300	60	200		1.4404	416635
300	270	630	600	60	200		1.4301	416622
300	270	630	600	60	200		1.4404	416636
300	270	1,030	1,000	60	200		1.4301	416623
300	270	1,030	1,000	60	200		1.4404	416637
300	270	1,530	1,500	60	200		1.4301	416624
300	270	1,530	1,500	60	200		1.4404	416638
300	270	2,030	2,000	60	200		1.4301	416625
300	270	2,030	2,000	60	200		1.4404	416639
300	270	3,030	3,000	60	200		1.4301	416626
300	270	3,030	3,000	60	200		1.4404	416640
300	270	4,030	4,000	60	200	ACO gully 157	1.4301	416627
300	270	4,030	4,000	60	200		1.4404	416641
400	370	430	400	60	142		1.4301	416642
400	370	430	400	60	142		1.4404	416648
400	370	630	600	60	142		1.4301	416643
400	370	630	600	60	142		1.4404	416649
400	370	830	800	60	142	ACO gully 218	1.4301	416644
400	370	830	800	60	142		1.4404	416650
400	370	430	400	60	200		1.4301	416645
400	370	430	400	60	200		1.4404	416651
400	370	630	600	60	200		1.4301	416646
400	370	630	600	60	200		1.4404	416652
400	370	830	800	60	200	ACO gully 157	1.4301	416647
400	370	830	800	60	200		1.4404	416653
500	470	530	500	60	142		1.4301	416654
500	470	530	500	60	142		1.4404	416660
500	470	830	800	60	142		1.4301	416655
500	470	830	800	60	142		1.4404	416661
500	470	1,030	1,000	60	142	ACO gully 218	1.4301	416656
500	470	1,030	1,000	60	142		1.4404	416662
500	470	530	500	60	200		1.4301	416657
500	470	530	500	60	200		1.4404	416663
500	470	830	800	60	200		1.4301	416658
500	470	830	800	60	200		1.4404	416664
500	470	1,030	1,000	60	200		1.4301	416659
500	470	1,030	1,000	60	200		1.4404	416665
600	570	630	600	60	200		1.4301	416666
600	570	630	600	60	200		1.4404	416669
600	570	930	900	60	200		1.4301	416667
600	570	930	900	60	200		1.4404	416670
600	570	1,230	1,200	60	200	ACO gully 157	1.4301	416668
600	570	1,230	1,200	60	200		1.4404	416671
800	770	830	800	60	200		1.4301	416672
800	770	830	800	60	200		1.4404	416673

Channels - extended profile

Product information

ACO Product benefits

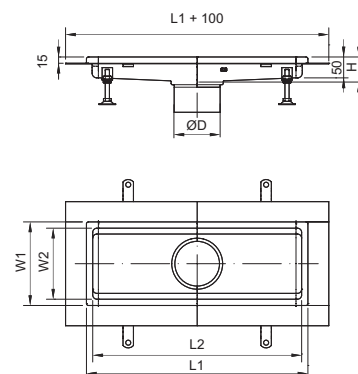
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements:
 - Hygienic antislip gratings
 - Minimal slope 1 % longitudinal and lateral on all surfaces
 - V-shape bottom for width ≤ 300 mm
 - Outlet without deformation
 - Rounded corners minimal 3 mm
 - Reinforced bottom for width ≥ 400 mm

- Fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully



Order information

Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	d [mm]			
200	170	530	500	60	125	ACO gully 142	1.4301	416680
200	170	530	500	60	125		1.4404	416698
200	170	830	800	60	125		1.4301	416681
200	170	830	800	60	125		1.4404	416699
200	170	1,030	1,000	60	125		1.4301	416682
200	170	1,030	1,000	60	125		1.4404	416700
200	170	1,230	1,200	60	125		1.4301	416683
200	170	1,230	1,200	60	125		1.4404	416701
200	170	1,530	1,500	60	125		1.4301	416684
200	170	1,530	1,500	60	125		1.4404	416702
200	170	2,030	2,000	60	125		1.4301	416685
200	170	2,030	2,000	60	125		1.4404	416703
200	170	530	500	60	142	ACO gully 157	1.4301	416686
200	170	530	500	60	142		1.4404	416704
200	170	830	800	60	142		1.4301	416687
200	170	830	800	60	142		1.4404	416705
200	170	1,030	1,000	60	142		1.4301	416688
200	170	1,030	1,000	60	142		1.4404	416706
200	170	1,230	1,200	60	142		1.4301	416689
200	170	1,230	1,200	60	142		1.4404	416707
200	170	1,530	1,500	60	142		1.4301	416690
200	170	1,530	1,500	60	142		1.4404	416708
200	170	2,030	2,000	60	142		1.4301	416691
200	170	2,030	2,000	60	142		1.4404	416709
300	270	330	300	60	142		1.4301	416710
300	270	330	300	60	142		1.4404	416724
300	270	630	600	60	142		1.4301	416711



Channels - extended profile

Product information

ACO Product benefits

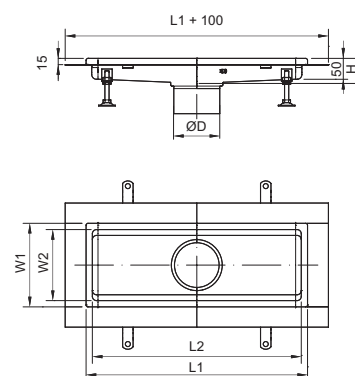
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements:
 - Hygienic antislip gratings
 - Minimal slope 1 % longitudinal and lateral on all surfaces
 - V-shape bottom for width ≤ 300 mm
 - Outlet without deformation
 - Rounded corners minimal 3 mm
 - Reinforced bottom for width ≥ 400 mm

- Fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully



Order information

Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	d [mm]			
200	170	530	500	60	125	ACO gully 142	1.4301	416680
200	170	530	500	60	125		1.4404	416698
200	170	830	800	60	125		1.4301	416681
200	170	830	800	60	125		1.4404	416699
200	170	1,030	1,000	60	125		1.4301	416682
200	170	1,030	1,000	60	125		1.4404	416700
200	170	1,230	1,200	60	125		1.4301	416683
200	170	1,230	1,200	60	125		1.4404	416701
200	170	1,530	1,500	60	125		1.4301	416684
200	170	1,530	1,500	60	125		1.4404	416702
200	170	2,030	2,000	60	125		1.4301	416685
200	170	2,030	2,000	60	125		1.4404	416703
200	170	530	500	60	142	ACO gully 157	1.4301	416686
200	170	530	500	60	142		1.4404	416704
200	170	830	800	60	142		1.4301	416687
200	170	830	800	60	142		1.4404	416705
200	170	1,030	1,000	60	142		1.4301	416688
200	170	1,030	1,000	60	142		1.4404	416706
200	170	1,230	1,200	60	142		1.4301	416689
200	170	1,230	1,200	60	142		1.4404	416707
200	170	1,530	1,500	60	142		1.4301	416690
200	170	1,530	1,500	60	142		1.4404	416708
200	170	2,030	2,000	60	142		1.4301	416691
200	170	2,030	2,000	60	142		1.4404	416709
300	270	330	300	60	142		1.4301	416710
300	270	330	300	60	142		1.4404	416724
300	270	630	600	60	142		1.4301	416711



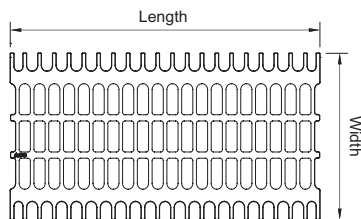
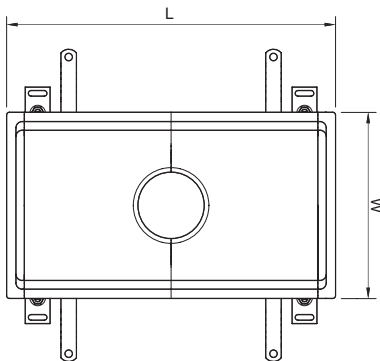
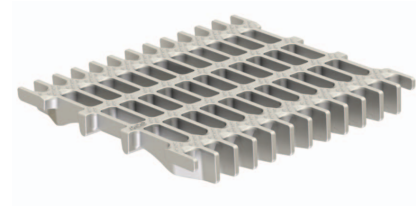
Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	d [mm]			
300	270	630	600	60	142	ACO gully 157	1.4404	416725
300	270	1,030	1,000	60	142		1.4301	416712
300	270	1,030	1,000	60	142		1.4404	416726
300	270	1,530	1,500	60	142		1.4301	416713
300	270	1,530	1,500	60	142		1.4404	416727
300	270	2,030	2,000	60	142		1.4301	416714
300	270	2,030	2,000	60	142		1.4404	416728
300	270	3,030	3,000	60	142		1.4301	416715
300	270	3,030	3,000	60	142		1.4404	416729
300	270	4,030	4,000	60	142		1.4301	416716
300	270	4,030	4,000	60	142		1.4404	416730
300	270	330	300	60	200	ACO gully 218	1.4301	416717
300	270	330	300	60	200		1.4404	416731
300	270	630	600	60	200		1.4301	416718
300	270	630	600	60	200		1.4404	416732
300	270	1,030	1,000	60	200		1.4301	416719
300	270	1,030	1,000	60	200		1.4404	416733
300	270	1,530	1,500	60	200		1.4301	416720
300	270	1,530	1,500	60	200		1.4404	416734
300	270	2,030	2,000	60	200		1.4301	416721
300	270	2,030	2,000	60	200		1.4404	416735
300	270	3,030	3,000	60	200		1.4301	416722
300	270	3,030	3,000	60	200		1.4404	416736
300	270	4,030	4,000	60	200	ACO gully 157	1.4301	416723
300	270	4,030	4,000	60	200		1.4404	416737
400	370	430	400	60	142		1.4301	416738
400	370	430	400	60	142		1.4404	416744
400	370	630	600	60	142		1.4301	416739
400	370	630	600	60	142		1.4404	416745
400	370	830	800	60	142	ACO gully 218	1.4301	416740
400	370	830	800	60	142		1.4404	416746
400	370	430	400	60	200		1.4301	416741
400	370	430	400	60	200		1.4404	416747
400	370	630	600	60	200		1.4301	416742
400	370	630	600	60	200		1.4404	416748
400	370	830	800	60	200	ACO gully 157	1.4301	416743
400	370	830	800	60	200		1.4404	416749
500	470	530	500	60	142		1.4301	416750
500	470	530	500	60	142		1.4404	416756
500	470	830	800	60	142		1.4301	416751
500	470	830	800	60	142		1.4404	416757
500	470	1,030	1,000	60	142	ACO gully 218	1.4301	416752
500	470	1,030	1,000	60	142		1.4404	416758
500	470	530	500	60	200		1.4301	416753
500	470	530	500	60	200		1.4404	416759
500	470	830	800	60	200		1.4301	416754
500	470	830	800	60	200		1.4404	416760
500	470	1,030	1,000	60	200		1.4301	416755
500	470	1,030	1,000	60	200		1.4404	416761
600	570	630	600	60	200		1.4301	416762
600	570	630	600	60	200		1.4404	416765
600	570	930	900	60	200		1.4301	416763
600	570	930	900	60	200		1.4404	416766
600	570	1,230	1,200	60	200	ACO gully 218	1.4301	416764
600	570	1,230	1,200	60	200		1.4404	416767
800	770	830	800	60	200		1.4301	416768
800	770	830	800	60	200		1.4404	416769

ACO tray channel - gratings

Cast gratings

Specific product information

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Cast gratings with antislip finish
- Designed for Load Class - M125



Order information

Channel dimensions		Grating dimensions		Load class	Item number
W [mm]	L [mm]	Width [mm]	Length [mm]		1.4301
300	330	268	298	M 125	416947
	1,030	268	499	M 125	416948
200	830	168	398	M 125	416946
	530	168	499	M 125	416945

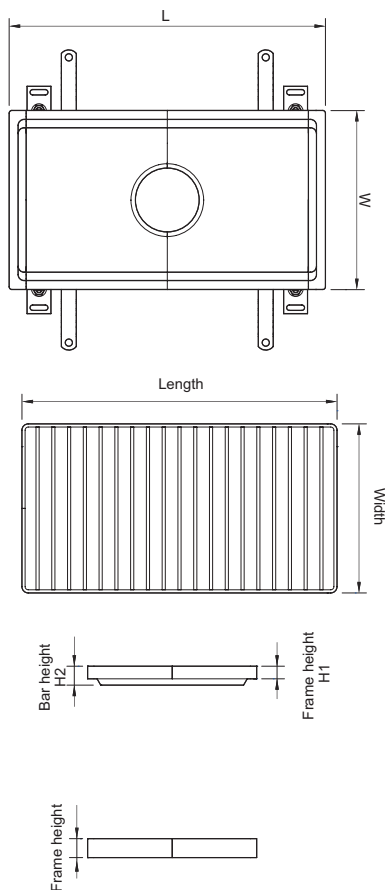
Cladding table

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W[mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
with antislip									
200	530	20	30	168	498	M 125	1.4301	416947	1
	830	20	30	168	398	M 125	1.4301	416948	2
	1030	20	30	168	498	M 125	1.4301	416947	2
	1230	20	30	168	398	M 125	1.4301	416948	3
	1530	20	30	168	498	M 125	1.4301	416947	3
	2030	20	30	168	498	M 125	1.4301	416947	4
300	330	20	30	268	298	M 125	1.4301	416946	1
	630	20	30	268	298	M 125	1.4301	416946	2
	1030	20	30	268	498	M 125	1.4301	416945	2
	1530	20	30	268	498	M 125	1.4301	416945	3
	2030	20	30	268	498	M 125	1.4301	416945	4
	3030	20	30	268	498	M 125	1.4301	416945	6
	4030	20	30	268	498	M 125	1.4301	416945	8

Ladder gratings

Specific product information

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Ladder gratings with slip resistant finish
- Designed for Load Class - R 50 (version for 5 000 kg) and M 125 according EN 1253
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Easy to clean grates = fully welded



Order information

Channel dimensions		Grating dimensions		Load class	Item number	
W [mm]	L [mm]	Width [mm]	Length [mm]		1.4301	1.4404
With anti-slip						
200	530	168	499	R 50	416802	416803
				M 125	416804	416805
	830	168	398	R 50	416808	416809
				M 125	416810	416811
300	330	268	298	R 50	416812	416813
300	1,030	2 68	499	R 50	416814	416815
300	330	268	298	M 125	416816	416817
	1,030	268	499	M 125	416818	416819

Channel dimensions		Grating dimensions		Load class	Item number	
W [mm]	L [mm]	Width [mm]	Length [mm]		1.4301	1.4404
400	430	368	398	R 50	416820	416821
	630	368	598	R 50	416822	416823
	430	368	398	M 125	416824	416825
	630	368	598	M 125	416826	416827
500	530	468	499	R 50	416828	416829
	830	468	398	R 50	416830	416831
	530	468	499	M 125	416832	416833
	830	468	398	M 125	416834	416835
600	630	568	298	R 50	416838	416839
800	830	768	398	R 50	416842	416843

Cladding table - with antislip

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
With antislip									
200	530	20	30	168	499	R 50	1.4301	416802	1
							1.4404	416803	
	830	20	30	168	398	R 50	1.4301	416808	2
							1.4404	416809	
	1030	20	30	168	499	R 50	1.4301	416802	2
							1.4404	416803	
	1230	20	30	168	398	R 50	1.4301	416808	3
							1.4404	416809	
	1530	20	30	168	499	R 50	1.4301	416802	3
							1.4404	416803	
	2030	20	30	168	499	R 50	1.4301	416802	4
							1.4404	416803	
300	330	20	30	268	298	R 50	1.4301	416812	1
							1.4404	416813	
	630	20	30	268	298	R 50	1.4301	416812	2
							1.4404	416813	
	1030	20	30	268	499	R 50	1.4301	416814	2
							1.4404	416815	
	1530	20	30	268	499	R 50	1.4301	416814	3
							1.4404	416815	
	2030	20	30	268	499	R 50	1.4301	416814	4
							1.4404	416815	
	3030	20	30	268	499	R 50	1.4301	416814	6
							1.4404	416815	
4030	20	30	268	499	R 50	1.4301	416814	8	
						1.4404	416815		

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
With Antislip									
400	430	30	30	368	398	R 50	1.4301	416820	1
							1.4404	416821	
	630	30	30	368	598	R 50	1.4301	416822	1
							1.4404	416823	
	830	30	30	368	398	R 50	1.4301	416820	2
							1.4404	416821	
500	530	30	30	468	499	R 50	1.4301	416828	1
							1.4404	416829	
	830	30	30	468	398	R 50	1.4301	416830	2
							1.4404	416831	
	1030	30	30	468	499	R 50	1.4301	416828	2
							1.4404	416829	
600	630	30	30	568	298	R 50	1.4301	416838	2
							1.4404	416839	
	930	30	30	568	298	R 50	1.4301	416838	3
							1.4404	416839	
	1230	30	30	568	298	R 50	1.4301	416838	4
							1.4404	416839	
800	830	30	30	768	398	R 50	1.4301	416842	2
							1.4404	416843	

Cladding table - without antislip

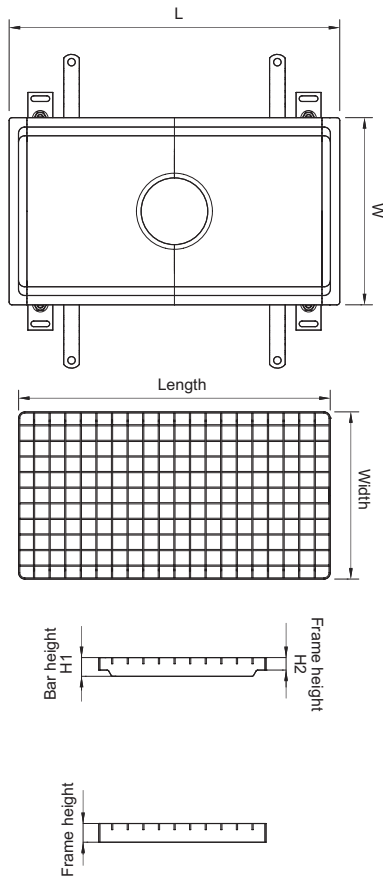
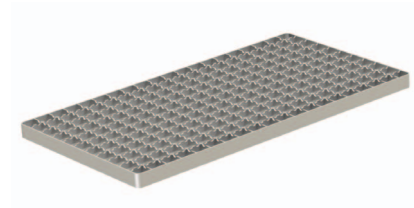
Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W[mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
Without antislip									
200	530	20	30	168	499	M 125	1.4301	416804	1
							1.4404	416805	
	830	20	30	168	398	M 125	1.4301	416810	2
							1.4404	416811	
	1030	20	30	168	499	M 125	1.4301	416804	2
							1.4404	416805	
	1230	20	30	168	398	M 125	1.4301	416810	3
							1.4404	416811	
	1530	20	30	168	499	M 125	1.4301	416804	3
							1.4404	416805	
	2030	20	30	168	499	M 125	1.4301	416804	4
							1.4404	416805	

Channel dimension		Grating dimension					Material	Item number	Quantity
W [mm]	L[mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
Without antislip									
300	330	20	30	268	298	M 125	1.4301	416816	1
							1.4404	416817	
	630	20	30	268	298	M 125	1.4301	416816	2
							1.4404	416817	
	1030	20	30	268	499	M 125	1.4301	416818	2
							1.4404	416819	
	1530	20	30	268	499	M 125	1.4301	416818	3
							1.4404	416819	
	2030	20	30	268	499	M 125	1.4301	416818	4
							1.4404	416819	
	3030	20	30	268	499	M 125	1.4301	416818	6
							1.4404	416819	
	4030	20	30	268	499	M 125	1.4301	416818	8
							1.4404	416819	
400	430	30	30	368	398	M 125	1.4301	416824	1
							1.4404	416825	
	630	30	30	368	598	M 125	1.4301	416826	1
							1.4404	416827	
	830	30	30	368	398	M 125	1.4301	416824	2
							1.4404	416825	
500	530	30	30	468	499	M 125	1.4301	416832	1
							1.4404	416833	
	830	30	30	468	398	M 125	1.4301	416834	2
							1.4404	416835	
	1030	30	30	468	499	M 125	1.4301	416832	2
							1.4404	416833	

Mesh gratings

Specific product information

- Mesh gratings with either plain or slip resistant finish
- Designed for Load Class - L15
- Grating size is based on channel body size



Order information

Channel dimensions		Grating dimensions			Load class	Item number	
W	L	Mesh width	Width	Length		1.4301	1.4404
[mm]	[mm]	[mm]	[mm]	[mm]			
With anti-slip							
200	530	30	168	499	L 15	416860	416861
	830	30	168	398	L 15	416862	416863
300	330	30	268	298	L 15	416864	416865
	1,030	30	268	499	L 15	416866	416867
400	430	30	368	398	L 15	416868	416869
	630	30	368	598	L 15	416870	416871
500	530	30	468	499	L 15	416872	416873
	830	30	468	398	L 15	416874	416875
600	630	30	568	298	L 15	416876	416877
800	830	30	768	398	L 15	416878	416879

Cladding table - with antislip

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L1 [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
With antislip									
200	530	20	30	168	499	L 15	1.4301	416860	1
							1.4404	416861	
	830	20	30	168	398	L 15	1.4301	416862	2
							1.4404	416863	
	1030	20	30	168	499	L 15	1.4301	416860	2
							1.4404	416861	
	1230	20	30	168	398	L 15	1.4301	416862	3
							1.4404	416863	
	1530	20	30	168	499	L 15	1.4301	416860	3
							1.4404	416861	
	2030	20	30	168	499	L 15	1.4301	416860	4
							1.4404	416861	
300	330	20	30	268	298	L 15	1.4301	416864	1
							1.4404	416865	
	630	20	30	268	298	L 15	1.4301	416864	2
							1.4404	416865	
	1030	20	30	268	499	L 15	1.4301	416866	2
							1.4404	416867	
	1530	20	30	268	499	L 15	1.4301	416866	3
							1.4404	416867	
	2030	20	30	268	499	L 15	1.4301	416866	4
							1.4404	416867	
	3030	20	30	268	499	L 15	1.4301	416866	6
							1.4404	416867	
4030	20	30	268	499	L 15	1.4301	416866	8	
						1.4404	416867		
400	430	30	30	368	398	L 15	1.4301	416868	1
							1.4404	416869	
	630	30	30	368	598	L 15	1.4301	416870	1
							1.4404	416871	
	830	30	30	368	398	L 15	1.4301	416868	2
							1.4404	416869	
500	530	30	30	468	499	L 15	1.4301	416872	1
							1.4404	416873	
	830	30	30	468	398	L 15	1.4301	416874	2
							1.4404	416875	
	1030	30	30	468	499	L 15	1.4301	416872	2
							1.4404	416873	

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
With antislip									
600	630	30	30	568	298	L 15	1.4301	416876	2
							1.4404	416877	
	930	30	30	568	298	L 15	1.4301	416876	3
							1.4404	416877	
	1230	30	30	568	298	L 15	1.4301	416876	4
							1.4404	416877	
800	830	30	30	768	398	L 15	1.4301	416878	2
							1.4404	416879	

Cladding table - without antislip

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
Without antislip									
200	530	20	30	168	499	L 15	1.4301	416880	1
							1.4404	416881	
	830	20	30	168	398	L 15	1.4301	416882	2
							1.4404	416883	
	1030	20	30	168	499	L 15	1.4301	416880	2
							1.4404	416881	
	1230	20	30	168	398	L 15	1.4301	416882	3
							1.4404	416883	
	1530	20	30	168	499	L 15	1.4301	416880	3
							1.4404	416881	
	2030	20	30	168	499	L 15	1.4301	416880	4
							1.4404	416881	
300	330	20	30	268	298	L 15	1.4301	416884	1
							1.4404	416885	
	630	20	30	268	298	L 15	1.4301	416884	2
							1.4404	416885	
	1030	20	30	268	499	L 15	1.4301	416886	2
							1.4404	416887	
	1530	20	30	268	499	L 15	1.4301	416886	3
							1.4404	416887	
	2030	20	30	268	499	L 15	1.4301	416886	4
							1.4404	416887	
	3030	20	30	268	499	L 15	1.4301	416886	6
							1.4404	416887	
4030	20	30	268	499	L 15	1.4301	416886	8	
						1.4404	416887		

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	Frame height [mm]	Bare height [mm]	Width [mm]	Length [mm]	Load class			
Without antislip									
400	430	30	30	368	398	L 15	1.4301	416888	1
							1.4404	416889	
	630	30	30	368	598	L 15	1.4301	416890	1
							1.4404	416891	
	830	30	30	368	398	L 15	1.4301	416888	2
							1.4404	416889	
500	530	30	30	468	499	L 15	1.4301	416892	1
							1.4404	416893	
	830	30	30	468	398	L 15	1.4301	416894	2
							1.4404	416895	
	1030	30	30	468	499	L 15	1.4301	416892	2
							1.4404	416893	
600	630	30	30	568	298	L 15	1.4301	416896	2
							1.4404	416897	
	930	30	30	568	298	L 15	1.4301	416896	3
							1.4404	416897	
	1230	30	30	568	298	L 15	1.4301	416896	4
							830	1.4404	
800	830	30	30	768	398	L 15	1.4301	416898	2
							1.4404	416899	

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