

ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised edge rails.

ACO MultiDrain® M100D channels are manufactured from Vienite®, ACO's sustainable high strength material, which provides high chemical resistance. The channels are available in constant depth, sloping depth and shallow depth units.

ACO MultiDrain® M100D channels listed below are provided with integral galvanised steel protective edge rails.

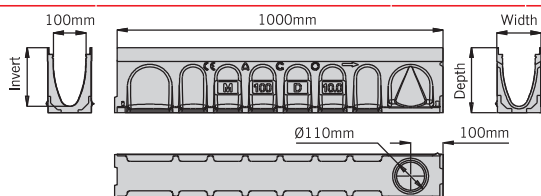
For enhanced durability these rails are manufactured from UltraSTEEL™, a unique material that has improved strength over plain steel.

The added benefit of UltraSTEEL™ is that its greater surface area improves the bond between rail and adjacent material where a sealed system is required.

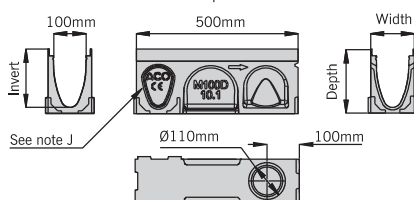
For the ACO MultiDrain® M100D range of gratings to suit these channels please refer to pages 20-23.

Constant and sloping depth channels with UltraSTEEL™ galvanised edge rails

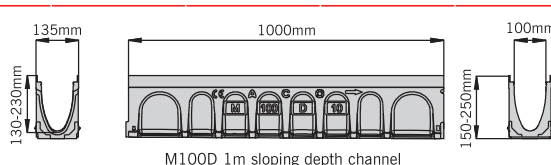
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23075	M100D No. 075	1000	135	75	55	1	9.2
23076	M100D No. 075V	1000	135	75*	55	1	8.9
23110	M100D No. 0100	1000	135	100	80	1	11.0
23111	M100D No. 0100V	1000	135	100*	80	1	10.7
23000	M100D No. 0.0*	1000	135	150	130	1/3	12.9
23050	M100D No. 0.1J*	500	135	150	130	1/3	7.6
23001	M100D No. 1	1000	135	150/155	130/135	2	13.5
23002	M100D No. 2	1000	135	155/160	135/140	2	13.8
23003	M100D No. 3	1000	135	160/165	140/145	2	14.1
23004	M100D No. 4	1000	135	165/170	145/150	2	14.4
23005	M100D No. 5	1000	135	170/175	150/155	2	14.7
23006	M100D No. 6	1000	135	175/180	155/160	2	15.0
23007	M100D No. 7	1000	135	180/185	160/165	2	15.3
23008	M100D No. 8	1000	135	185/190	165/170	2	15.6
23009	M100D No. 9	1000	135	190/195	170/175	2	15.9
23010	M100D No.10	1000	135	195/200	175/180	2	16.2
23100	M100D No.10.0*	1000	135	200	180	1/3	15.9
23101	M100D No.10.1J*	500	135	200	180	1/3	9.2
23011	M100D No.11	1000	135	200/205	180/185	2	16.5
23012	M100D No.12	1000	135	205/210	185/190	2	16.8
23013	M100D No.13	1000	135	210/215	190/195	2	17.1
23014	M100D No.14	1000	135	215/220	195/200	2	17.4
23015	M100D No.15	1000	135	220/225	200/205	2	17.7
23016	M100D No.16	1000	135	225/230	205/210	2	18.0
23017	M100D No.17	1000	135	230/235	210/215	2	18.3
23018	M100D No.18	1000	135	235/240	215/220	2	18.6
23019	M100D No.19	1000	135	240/245	220/225	2	18.9
23020	M100D No.20	1000	135	245/250	225/230	2	19.2
23200	M100D No.20.0*	1000	135	250	230	1/3	21.8
23201	M100D No.20.1J*	500	135	250	230	1/3	10.8
23300	M100D No.30.0*	1000	135	300	280	1/3	25.4
23301	M100D No.30.1J*	500	135	300	280	1/3	12.5



M100D 1m constant depth channel 0.0 to 30.0



M100D 0.5m constant depth channel



M100D 1m sloping depth channel

Note: The constant depth channels have an improved knockout feature, see page 41 for more information.

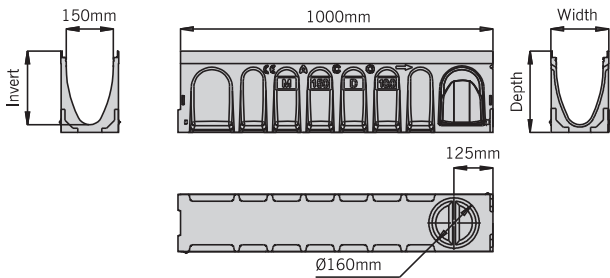
* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

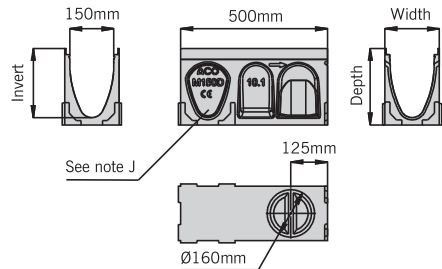
ACO MultiDrain® MD components

M150D Constant depth channels with UltraSTEEL™ galvanised edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23156	M150D No. 0100	1000	185	100	75	1	15.0
23157	M150D No. 0100V	1000	185	100	75	1	14.9
23150	M150D No. 0.0*	1000	185	210	185	1/3	23.4
23153	M150D No. 0.1J*	500	185	210	185	1/3	12.7
23151	M150D No.10.0*	1000	185	260	235	1/3	26.2
23154	M150D No. 10.1J*	500	185	260	235	1/3	14.6
23152	M150D No.20.0*	1000	185	310	285	1/3	30.3
23155	M150D No. 20.1J*	500	185	310	285	1/3	16.4



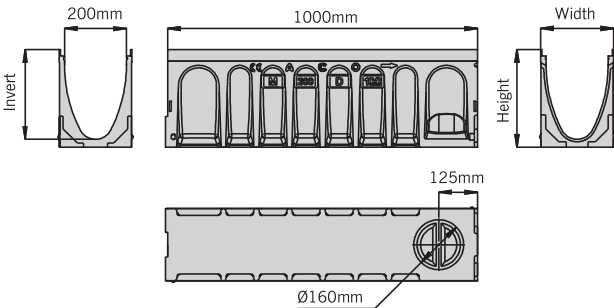
M150D 1m constant depth channel



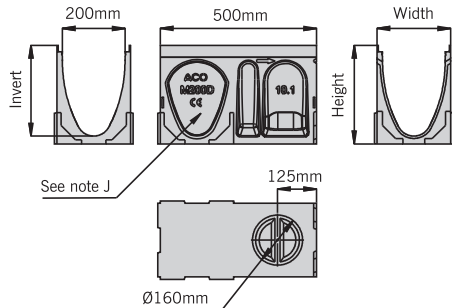
M150D 0.5m constant depth channel

M200D Constant depth channels with UltraSTEEL™ galvanised edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23216	M200D No. 0100	1000	235	100	75	1	17.5
23217	M200D No. 0100V	1000	235	100	75	1	17.0
23210	M200D No. 0.0*	1000	235	265	240	1/3	33.0
23213	M200D No. 0.1J*	500	235	265	240	1/3	17.9
23211	M200D No.10.0*	1000	235	315	290	1/3	37.4
23214	M200D No. 10.1J*	500	235	315	290	1/3	19.9
23212	M200D No.20.0*	1000	235	365	340	1/3	40.4
23215	M200D No. 20.1J*	500	235	365	340	1/3	21.9



M200D 1m constant depth channel

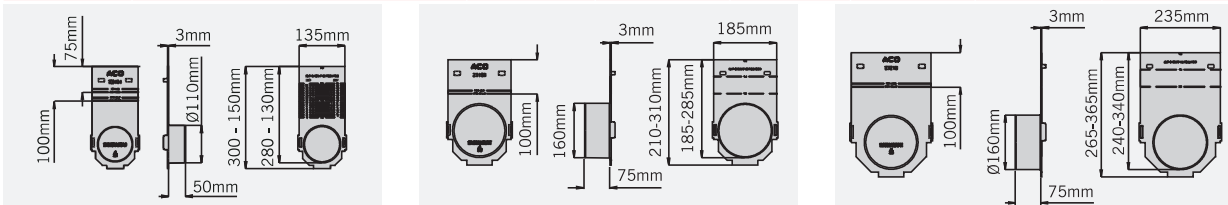


M200D 0.5m constant depth channel

Note: The constant depth channels have an improved knockout feature, see page 41 for more information.
* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.
J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.
V Indicates channel with cast in TPE triple lipped seals for water tight connection. See page 41 for further information.
† 075V and 0100V channels have a depth overall around the outlet of 80mm (075V) and 105 (0100V).
These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.

Multifunctional endcap (closing/inlet/outlet)

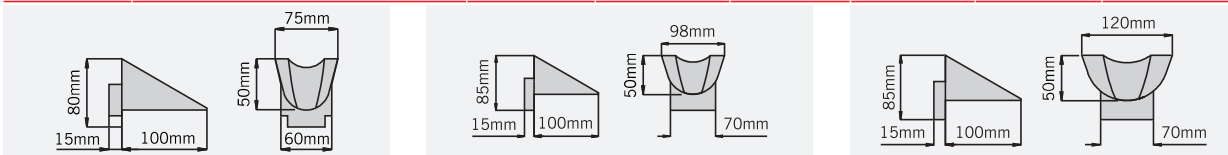
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23404	M100D No. 306 multifunctional endcap -	135	75/300	50	-	-	0.2
23159	M150D No. 306 multifunctional endcap -	185	310/100	75	-	-	0.3
23219	M200D No. 306 multifunctional endcap -	235	365/100	75	-	-	0.4



The multifunctional endcap can be cut down to suit all channels. See page 42 for further information.

Step connector

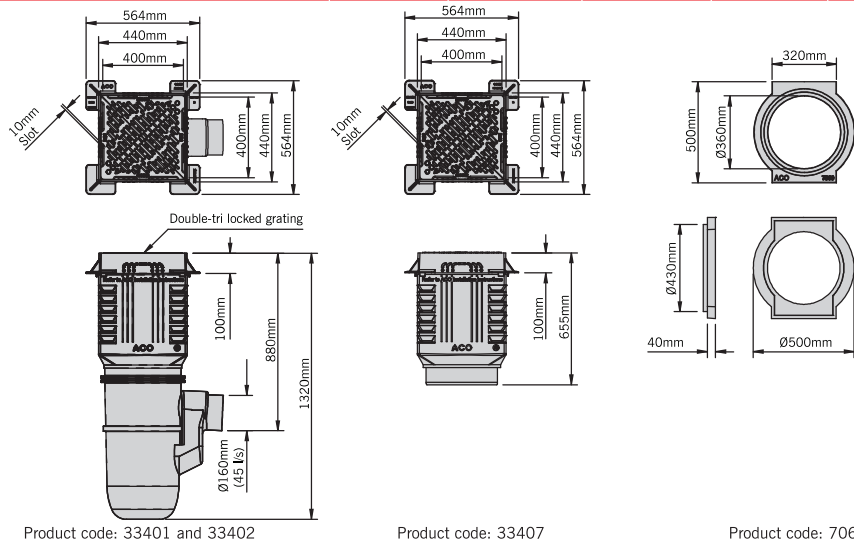
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
12601	M100D 50mm Step connector	100	75	50	-	-	0.4
13001	M150D 50mm Step connector	100	98	50	-	-	0.5
13401	M200D 50mm Step connector	100	120	50	-	-	0.6



Note: For information on the Step connector functionality see page 42.

Universal gully and components

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
33401	Gully assembly and bucket 601D	440	440	1315	870	-	52.5
33402	Gully assembly no bucket 602D	440	440	1315	870	-	51.0
33407	Gully top assembly 607D	440	440	655	-	-	45.0
33605	Gully base unit 605	-	Ø375	750	310	-	4.3
33603	Gully intermediate unit 603	440	440	515	-	-	5.1
44355	Gully grating and frame 600D	400*	564††	100	-	-	40.0
7060	Gully connector 615	500	Ø500	40	-	-	7.0
33606	Bucket polyethylene 606	-	Ø275	245	-	-	1.4



Product code: 33401 and 33402

Product code: 33407

Product code: 7060

Note. Plain U-PVC 150mm - 160mm Supersleeve adaptor supplied with 601D, 602D and 605 assemblies.

For information on Universal gully functionality see page 43. *Clear opening size. ††Over frame size.

These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.

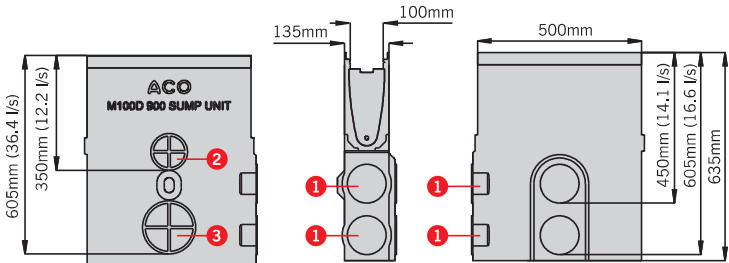
ACO MultiDrain® MD components

M100D sump unit with UltraSTEEL™ galvanised edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23410	M100D Universal sump with plastic silt bucket	500	135	635	615	-	32.8

Standard sump outlets

- 1 = Ø110mm outlet with triple lipped seal
- 2 = Ø110mm knockout
- 3 = Ø160mm knockout



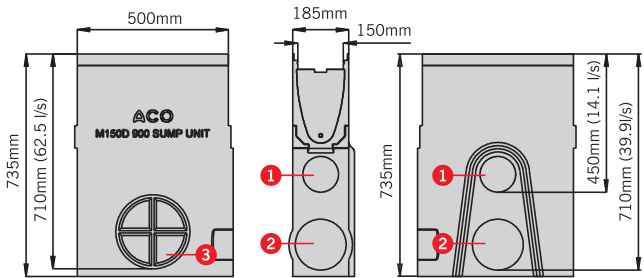
Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 47.

M150D sump unit with UltraSTEEL™ galvanised edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23158	M150D Universal sump with plastic silt bucket	500	185	735	715	-	43.4

Standard sump outlets

- 1 = Ø110mm outlet with triple lipped seal
- 2 = Ø160mm outlet
- 3 = Ø200mm knockout



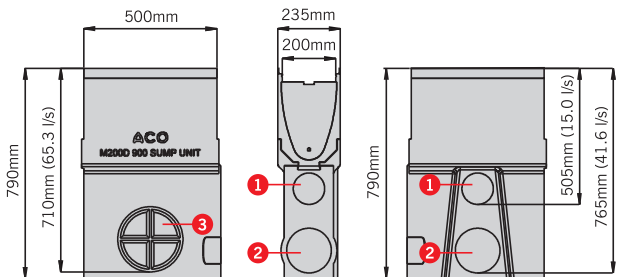
Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 43.

M200D sump unit with UltraSTEEL™ galvanised edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23218	M200D Universal sump with plastic silt bucket	500	235	790	765	-	47.0

Standard sump outlets

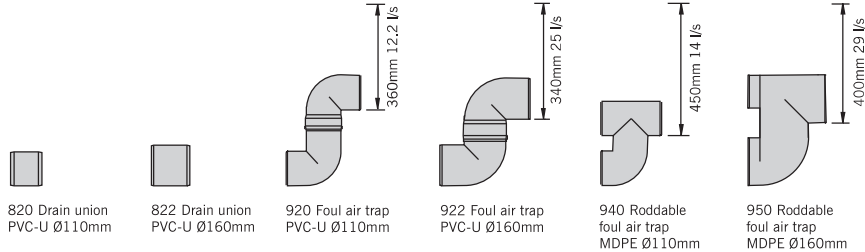
- 1 = Ø110mm outlet with triple lipped seal
- 2 = Ø160mm outlet
- 3 = Ø200mm knockout



Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 43.

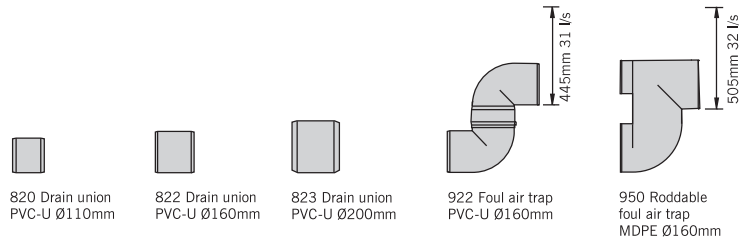
M100D Drain unions and foul air traps

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
0056	820 Drain union PVC-U Ø110mm (max 16.6 l/s)	100	110	-	605	-	0.1
0058	822 Drain union PVC-U Ø160mm (max 36.4 l/s)	100	160	-	605	-	0.5
2640	920 Foul air trap PVC-U Ø110mm (max 12.2 l/s)	-	110	-	360	-	0.5
2638	922 Foul air trap PVC-U Ø160mm (max 25 l/s)	-	160	-	340	-	1.9
7931	940 Roddable foul air trap MDPE Ø110mm (max 14 l/s)	-	110	-	450	-	0.4
7932	950 Roddable foul air trap MDPE Ø160mm (max 29 l/s)	-	160	-	400	-	0.8



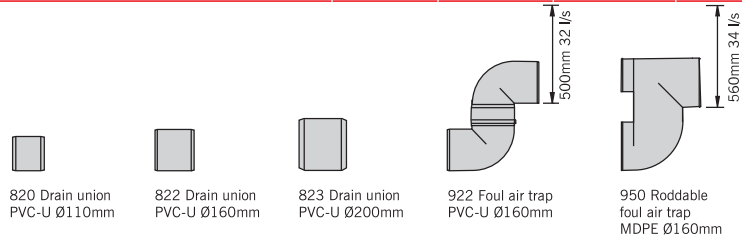
M150D Drain unions and foul air traps

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
0056	820 Drain union PVC –U Ø110mm (max 14.1 l/s)	100	110	-	450	-	0.1
0058	822 Drain union PVC –U Ø160mm (max 39.9 l/s)	100	160	-	710	-	0.5
2723	823 Drain Union PVC-U Ø200mm (max 69.5 l/s)	200	200	-	710	-	0.6
2638	922 Foul air trap PVC –U Ø160mm (max 31 l/s)	-	160	-	445	-	1.9
7932	950 Roddable foul air trap MDPE Ø160mm (max 32 l/s)	-	160	-	505	-	0.8



M200D Drain unions and foul air traps

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
0056	820 Drain union PVC –U Ø110mm (max 15.0 l/s)	100	110	-	505	-	0.1
0058	822 Drain union PVC –U Ø160mm (max 41.6 l/s)	100	160	-	765	-	0.5
2723	823 Drain Union PVC-U Ø200mm (max 72 l/s)	200	200	-	765	-	0.6
2638	922 Foul air trap PVC –U Ø160mm (max 32 l/s)	-	160	-	500	-	1.9
7932	950 Roddable foul air trap MDPE Ø160mm (max 34 l/s)	-	160	-	560	-	0.8



Accessories

Product code	Description	Weight (kg)
32599	Polymer concrete repair kit	1.0†



†Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets.

Problem solving drainage solutions: Discreet slot drainage



ACO MULTIDRAIN MD BRICKSLOT



Galvanised steel



Stainless steel



Access units



Load Class

ACO MultiDrain® MD has a range of gratings to complement installations which require discreet slot drainage.

Designed with a heelguard 10mm single offset drainage inlet, or a double Twinslot inlet in either offset or central. ACO Brickslot is a subtle and unobtrusive grating which when combined with an ACO MultiDrain® MD channel, can be used as a solution to complement discreet drainage applications and is ideal for use against buildings facades.

Compatible with most paving materials, the vertical sides of the grating enable pavements to be laid directly to the unit's edge. Once installed the system is totally secure and not vulnerable to vandalism or loose grates making it a suitable for applications such as schools and playgrounds where grating removal can become a hazard.

The channel and ACO Brickslot grating together provide an unobtrusive continuous slot drainage system, with high hydraulic efficiency for fast removal of surface water. ACO Brickslot gratings are available in galvanised or stainless steel and suitable for use with the 100mm, 150mm and 200mm wide channels in the ACO MultiDrain® MD range.

The system includes an ACO Brickslot access unit to ensure easy maintenance and access to the drainage system, and is also fully compatible with the range of ACO MultiDrain® MD accessories.

The system is suitable for applications up to and including Load Class D400 (This product is not suitable for carriageways of public roads or motorways).

Applications

- Threshold drainage
- Public landscaping
- Car parking
- Light industrial
- HGV parking
- Petrol station forecourts
- SuDS



Bespoke Brickslot

ACO Bespoke Brickslot is custom designed to suit specific customer requirements for MultiDrain 100, 150 and 200 channels. To accommodate specific sites, ACO Brickslot grates can be manufactured in different heights (30mm to 200mm) and also custom slot widths and lengths (up to 1m). The Brickslot can be manufactured from mild steel with a hot dipped galvanised finish or stainless steel for increased corrosion resistance. Please contact your sales representative to discuss.

Discreet slot drainage gratings

The ACO Brickslot grating system has an access unit for easy maintenance and cleaning of the drainage system.

The access unit is positioned within the channel; it has a removable tray section which is lifted out of the frame by a lifting tool to gain access to the system.

The access unit is 0.5m in length and is available in the galvanised and stainless steel finishes and is suitable for use with any ACO MultiDrain® M100D/M100DS, M150D/M150DS and M200D/M200DS wide channels.

The unit has a heelguard 10mm off set drainage inlet, providing continuous aesthetic and drainage performance once installed with the drainage system.

The ACO Brickslot access units are sold separately to the channel units. For information on the ACO MultiDrain® M100D/M100DS, M150D/M150DS and M200D/M200DS wide channels. Please refer to pages 13/14 and 28/29.

Removal instructions.

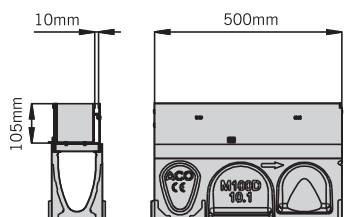
To remove the ACO Brickslot access unit tray, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details on the lifting tools can be found on page 18.



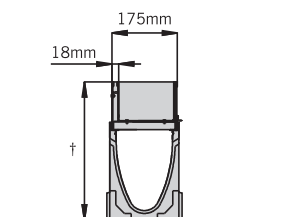
Figure 1



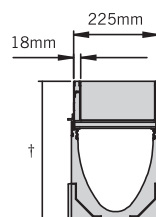
Figure 2



M100D 0.5m constant depth channel with ACO Brickslot access unit

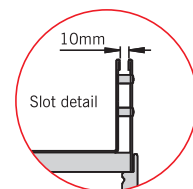


M150D 0.5m constant depth channel with ACO Brickslot access unit



M200D 0.5m constant depth channel with ACO Brickslot access unit

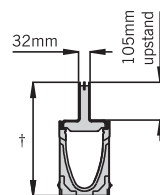
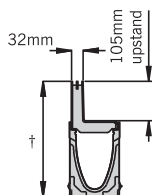
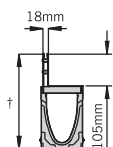
ACO Brickslot is available in two styles, single brickslot and twinslot. The location of the slot is commonly positioned offset to the centre of the channel, which allows the system to be installed discretely against building façades.



Brickslot Single - Offset

Brickslot Twinslot - Offset

Brickslot Twinslot - Central



Note: 105mm**refers to the height from the top edge to the horizontal plane of the grate. For exact overall height please measure on channel. The overall depth of each channel can be found in the channel tables in this brochure.

*Not suitable for carriageways of public roads or motorways.

New Intercept grate: Minimalism for maximum water interception



ACO INTERCEPT
DUCTILE IRON GRATE



Ductile iron



Heelguard



High water
interception



Load Class

ACO MultiDrain® MD has a new range of grates which encompass the principles of minimalist design. ACO Intercept ductile iron grates have clean lines and form, and meets the minimalist mantra of “Design stripped down to only its essential elements”

This grate has been designed to have superior water interception capabilities, and whilst it is functional it also achieves the goal of wide visual appeal.

James Canney, R&D Development Manager says “During the grates’ development we focused on achieving high level aesthetics and a sleek universal appeal. The ‘less is more’ approach to minimalistic design suits drainage grates, as it is important to have properly designed inlets for water to effectively enter the channel. The Intercept design combines functionality with timeless good looks”

ACO Intercept ductile iron grates are available in three widths and compatible with MultiDrain MD/PPD and Sealin channels.

They incorporate our unique ACO Drainlock™ fixings which improves hydraulic capacity of the channel

Combined with ACO MultiDrain® MD channels the system is suitable for applications up to and including Load Class D400 (This product is not suitable for carriageways of public roads or motorways).

Applications

- Public landscaping
- Car parking
- Light industrial
- HGV parking
- SuDS

Gratings for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised edge rails.

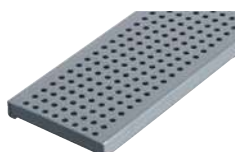


Gratings for Load Class A 15 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
12610	Slotted galvanised steel 400DL	1000	123	21	10	Yes	25300	n/a	2.0
12611	Slotted galvanised steel 402DL	500	123	21	10	Yes	25300	n/a	1.0
12666	Perforated galvanised steel 12666DL	1000	123	21	6	Yes	16300	n/a	2.6
12667	Perforated galvanised steel 12667DL	500	123	21	6	Yes	16300	n/a	1.3



400DL / 402DL
Slotted galvanised steel

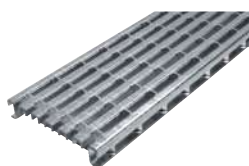


12666DL / 12667DL
Perforated galvanised steel



Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
132555	Intercept Profile galvanised steel 132555DL 6	1000	123	21	29 x 8	Yes	44500	Yes	4.1
132550	Intercept Profile galvanised steel 132550DL 6	500	123	21	29 x 8	Yes	44500	Yes	2.0



132555DL / 132550DL
Intercept Profile galvanised steel



Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
132720	Heelguard™ composite - black 522DL	500	123	21	8	Yes	28500	Yes	1.0
12673	Intercept ductile iron 507DL*	6 500	123	21	31 x 12	No	40100	Yes	3.7
12614	Slotted galvanised steel 423DL	1000	123	21	10	Yes	25300	n/a	5.0
12615	Slotted galvanised steel 424DL	500	123	21	10	Yes	25300	n/a	2.5
12656	Perforated galvanised steel 12656DL	1000	123	21	6	Yes	16300	n/a	4.8
12657	Perforated galvanised steel 12657DL	500	123	21	6	Yes	16300	n/a	2.4
132880	Heelguard™ mesh galvanised steel grating 410DL 6	1000	123	21	29 x 9.5	Yes	80000	Yes	4.2
132881	Heelguard™ mesh galvanised steel grating 412DL 6	500	123	21	29 x 9.5	Yes	80000	Yes	2.1
23460	Brickslot single slot offset galvanised steel 23460	1000	123	105	10	Yes	10000	n/a	6.6
23461	Brickslot single slot offset galvanised steel 23461	500	123	105	10	Yes	10000	n/a	3.4
23462	Brickslot single slot offset access unit galvanised steel 23462	500	123	105	10	Yes	10000	n/a	6.6



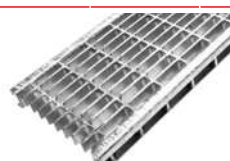
522DL
Heelguard™ composite



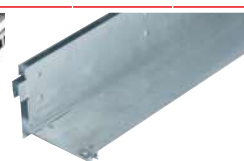
507DL
Intercept ductile iron*



12656DL / 12657DL
Perforated galvanised steel



410DL / 412DL
Mesh galvanised steel



23460 / 23461
Brickslot galvanised steel
single slot

6 Indicates security locking available.

*Intercept ductile iron C250 grate is the original design, and differs aesthetically to the new D400 version

Gratings for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised edge rails.



Gratings for Load Class D 400* applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23405	Heelguard™ ductile iron 23405DL 6	500	123	21	8	Yes	23900	Yes	4.1
23510	Heelguard™ Intercept ductile iron 23510DL	500	123	21	10	Yes	41400	Yes	3.7
23406	Ductile iron solid cover 23406DL	500	123	21	n/a	No	n/a	Yes	4.5
23408	Slotted ductile iron 23408DL	500	123	21	12	No	35700	Yes	3.8
132042	Flag ductile iron 132042DL	500	123	21	8	Yes	30400	Yes	4.9
132043	Leaf ductile iron 132043DL	500	123	21	10	Yes	34700	Yes	4.7
132885	Heelguard™ mesh galvanised steel 132885DL 6	1000	123	21	28 x 8.5	Yes	69100	Yes	5.1
132886	Heelguard™ mesh galvanised steel 132886DL 6	500	123	21	28 x 8.5	Yes	69100	Yes	2.5
23465	Brickslot single slot offset galvanised steel 23465	1000	123	105	10	Yes	10000	n/a	6.7
23466	Brickslot single slot offset galvanised steel 23466	500	123	105	10	Yes	10000	n/a	3.4
23467	Brickslot single slot offset access unit galvanised steel 23467	500	123	105	10	Yes	10000	n/a	6.4
23480	Brickslot Twinslot offset galvanised steel	1000	123	105	10 (x2)	Yes	20000	Yes	12.9
23481	Brickslot Twinslot offset galvanised steel	500	123	105	10 (x2)	Yes	20000	Yes	6.1
23482	Brickslot Twinslot offset access unit galvanised steel	500	123	105	10 (x2)	Yes	20000	Yes	8.1
23483	Brickslot Twinslot central galvanised steel	1000	123	105	10 (x2)	Yes	20000	Yes	12.5
23484	Brickslot Twinslot central galvanised steel	500	123	105	10 (x2)	Yes	20000	Yes	7.0
23485	Twinslot central access unit galvanised steel	500	123	105	10 (x2)	Yes	20000	Yes	8.2



23405DL
Heelguard™ ductile iron



23510DL
Heelguard™ Intercept ductile iron



23406DL
Ductile iron solid cover



23408DL
Slotted ductile iron



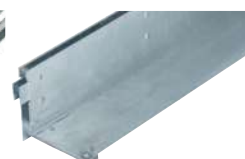
132042DL
Flag ductile iron



132043
Leaf ductile iron



132885DL/132886DL
Heelguard™ mesh galvanised steel



23465 / 23466
Brickslot single slot galvanised steel



23467
Brickslot single slot access unit galvanised steel.



23480 / 23481
Brickslot Twinslot offset galvanised steel



23482
Brickslot Twinslot offset access unit galvanised steel



23483 / 23484
Brickslot Twinslot central galvanised steel



23485
Brickslot Twinslot central access galvanised steel

ACO ATec high performance finish



Gratings for Load Class D 400* applications with ACO ATec corrosion resistant coating

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23409	ATec coated Heelguard™ ductile iron 23409DL 6	500	123	21	8	23900	Yes	4.1
23417	ATec coated Mosaic ductile iron 23417DL 6	500	123	21	10	28000	Yes	4.1



23409DL
Heelguard™ ductile iron



23417
Mosaic ductile iron



ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

Grating accessories

Product code	Description	For use with	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
23415	Drainlock™ security locking assembly	132720, 23405, 23409, 23417	96	20	13	0.1
445828	Drainlock™ security locking assembly Mesh C250**	132880, 132881	96	27	13	0.07
445745	Drainlock™ security locking assembly Mesh D400**	132885, 132886	96	27	13	0.06
445830	Drainlock™ security locking assembly Profile**	132555, 132550	96	27	13	0.06
23416	Drainlock™ security key	23415	75	30	3	0.01
1367	Drainlock™ grating lifting tool	all	400	150	6	0.2



23415
Drainlock™ security locking assembly



445828
Drainlock™ security locking assembly
Mesh C250*



445745
Drainlock™ security locking
assembly Mesh D400*



445830
Drainlock™ security locking
assembly Profile*



23416
Drainlock security key



1367
Drainlock™ grating lifting tool 835

6 Indicates security locking available.

*Not suitable for carriageways of public roads or motorways

**Security key 23416 not compatible, allen key required

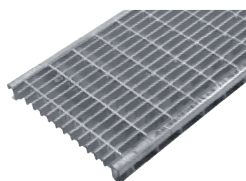
Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc

Gratings for use with ACO MultiDrain® M150D channels with UltraSTEEL™ galvanised edge rail



Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
133601	Heelguard™ mesh galvanised steel 133601DL	8 1000	173	36	29 x 10	Yes	118200	Yes	5.4
133602	Heelguard™ mesh galvanised steel 133602DL	8 500	173	36	29 x 10	Yes	118200	Yes	2.7
133625	Intercept-Profile galvanised steel 133625DL	8 1000	173	30	29 x 9	Yes	68700	Yes	5.0
133626	Intercept-Profile galvanised steel 133626DL	8 500	173	30	29 x 9	Yes	68700	Yes	2.5



133601DL / 133602DL
Heelguard™ mesh galvanised steel

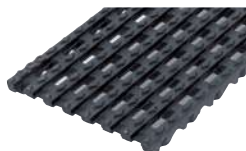


133625DL / 133626DL
Intercept-Profile galvanised steel

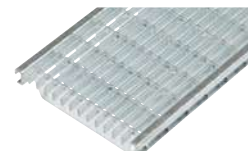


Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
13073	Intercept ductile iron 13073DL**	500	173	21	30 x 12	No	59500	Yes	5.3
133605	Heelguard™ mesh galvanised steel 133605DL	8 1000	173	40	30 x 10	Yes	118200	Yes	5.8
133606	Heelguard™ mesh galvanised steel 133606DL	8 500	173	40	30 x 10	Yes	118200	Yes	2.8



13073DL
Intercept ductile iron**



133605DL / 133606DL
Heelguard™ mesh galvanised steel

ACO ATec high performance finish

Gratings for Load Class D 400* applications with ACO ATec corrosion resistant coating



Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23169	ATec coated Heelguard ductile iron 23169DL	8 500	173	28	8	Yes	40000	Yes	6.8



23161DL
Heelguard™ ductile iron



ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

8 Indicates security locking available.

*Not suitable for carriageways of public roads or motorways.

**Intercept ductile iron C250 grate is the original design, and differs aesthetically to the new D400 version

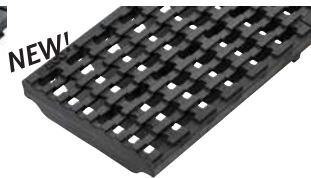


Traditional gratings for Load Class D 400* applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23161	Heelguard™ ductile iron 23161DL	500	173	28	8	Yes	40000	Yes	6.8
23515	Heelguard™ Intercept ductile iron 23515DL	500	173	36	10	Yes	55500	Yes	6.4
23160	Solid cover ductile iron 23160DL	500	173	28	n/a	No	n/a	Yes	6.7
23164	Slotted ductile iron 23164DL	500	173	28	12	No	57664	Yes	6.4
133609	Heelguard™ mesh galvanised steel 133609DL	1000	173	46	30 x 10	Yes	103400	Yes	8.0
133610	Heelguard™ mesh galvanised steel 133610DL	500	173	46	30 x 10	Yes	103400	Yes	4.0
23175	Brickslot single slot offset galvanised steel 23175	1000	173	105	10	Yes	10000	No	7.7
23176	Brickslot single slot offset galvanised steel 23176	500	173	105	10	Yes	10000	No	3.9
23177	Brickslot single slot access unit galvanised steel 23177	500	173	105	10	Yes	10000	No	7.0



23161DL
Heelguard™ ductile iron



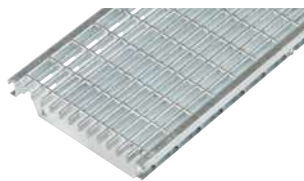
23515
Intercept ductile iron



23160DL
Solid cover ductile iron



23164DL
Slotted ductile iron



133609DL / 133610DL
Heelguard™ mesh galvanised steel



23175 / 23176
Brickslot single slot galvanised steel



23177
Brickslot single slot access unit
galvanised steel



ACO can manufacture Brickslot grates in a wide range of sizes for specific site requirements. Twinslot grates (as seen in the M100D section) can also be manufactured for use with M150D channels. For more information please contact your sales representative.



Grating accessories

Product code	Description	For use with	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
23165	Drainlock™ security locking assembly	23161, 23169	146	20	13	0.1
445831	Drainlock™ security locking assembly Mesh**	133601, 133602, 133605, 133606, 133609, 133610	146	27	13	0.1
445833	Drainlock™ security locking assembly Profile**	133625, 133626	146	27	13	0.1
23416	Drainlock™ security key	23165	75	30	3	0.01
1367	Drainlock™ grating lifting tool	all	400	150	6	0.2

*Not suitable for carriageways of public roads or motorways.

**Security key 23416 not compatible, allen key required.

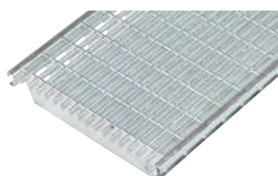
Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc

Gratings for use with ACO MultiDrain® M200D channels with galvanised edge rails



Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)	
133613	Heelguard™ mesh galvanised steel 133613DL	6	1000	223	40	29 x 10	Yes	157500	Yes	7.2
133614	Heelguard™ mesh galvanised steel 133614DL	6	500	223	40	29 x 10	Yes	157500	Yes	3.6
133629	Intercept-Profile galvanised steel 133629DL	6	1000	223	39	29 x 8	Yes	84600	Yes	7.4
133630	Intercept-Profile galvanised steel 133630DL	6	500	223	39	29 x 8	Yes	84600	Yes	3.6



133613DL / 133614DL
Heelguard™ mesh galvanised steel

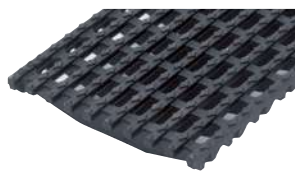


133629DL / 133630DL
Intercept-Profile galvanised steel



Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
13473	Intercept ductile iron 13473DL**	500	223	35	30 x 14	No	90500	Yes	7.5
133617	Heelguard™ mesh galvanised steel 133617DL	1000	223	46	30 x 10	Yes	137700	Yes	10.7
133618	Heelguard™ mesh galvanised steel 133618DL	500	223	46	30 x 10	Yes	137700	Yes	5.2



13473DL
Intercept ductile iron**



133617DL / 133618DL
Heelguard™ mesh galvanised steel

ACO ATec high performance finish



Gratings for Load Class D 400* applications with ACO ATec corrosion resistant coating

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23229	ATec coated Heelguard ductile iron 23229DL	500	223	32	8	Yes	47300	Yes	10.3



23229DL
Heelguard™ ductile iron



ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

6 Indicates security locking available.

*Not suitable for carriageways of public roads or motorways.

**Intercept ductile iron C250 grate is the original design, and differs aesthetically to the new D400 version.

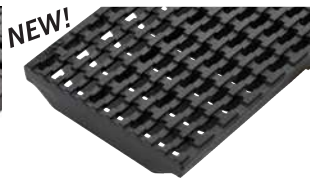


Gratings for Load Class D 400* applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
23221	Heelguard™ ductile iron 23221DL	500	223	32	8	Yes	47300	Yes	7.5
23520	Heelguard™ Intercept ductile iron 23520DL	500	223	43	10	Yes	76800	Yes	8.7
23220	Ductile iron solid cover 23220DL	500	223	32	n/a	No	n/a	Yes	11.0
23224	Slotted ductile iron 23224DL	500	223	32	12	No	72400	Yes	9.8
133621	Heelguard™ mesh galvanised steel 133621DL	1000	223	65	30 x 10	Yes	137700	Yes	12.9
133622	Heelguard™ mesh galvanised steel 133622DL	500	223	65	30 x 10	Yes	137700	Yes	6.4
408995	Brickslot single slot offset galvanised steel 408995	1000	223	105	10	Yes	10000	No	9.8
408996	Brickslot single slot offset galvanised steel 408995	500	223	105	10	Yes	10000	No	4.8
408997	Brickslot single slot access unit galvanised steel 408995	500	223	105	10	Yes	10000	No	8.5



23221DL
Heelguard™ ductile iron



23520
Intercept ductile iron



23220DL
Solid cover ductile iron



23224DL
Slotted ductile iron



133621DL / 133622DL
Heelguard™ mesh galvanised steel



408995/408996
Brickslot single slot galvanised steel



408997
Brickslot single slot access unit
galvanised steel



ACO can manufacture Brickslot grates in a wide range of sizes for specific site requirements. Twinslot grates (as seen in the M100D section) can also be manufactured for use with M200D channels. For more information please contact your sales representative.

Grating accessories

Product code	Description	For use with	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
23225	Drainlock™ security locking assembly	23221, 23229	195	20	13	0.1
445834	Drainlock™ security locking assembly Mesh**	133613, 133614, 133617, 133618, 133621, 133622	195	27	13	0.13
445836	Drainlock™ security locking assembly Profile**	133629, 133630	195	27	13	0.11
23416	Drainlock™ security key	23225	75	30	3	0.01
1367	Drainlock™ grating lifting tool	all	400	150	6	0.2

⚙ Indicates security locking available.

*Not suitable for carriageways of public roads or motorways.

**Security key 23416 not compatible, allen key required.

Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc.



ACO MultiDrain® M100DS channels with stainless steel edge rails

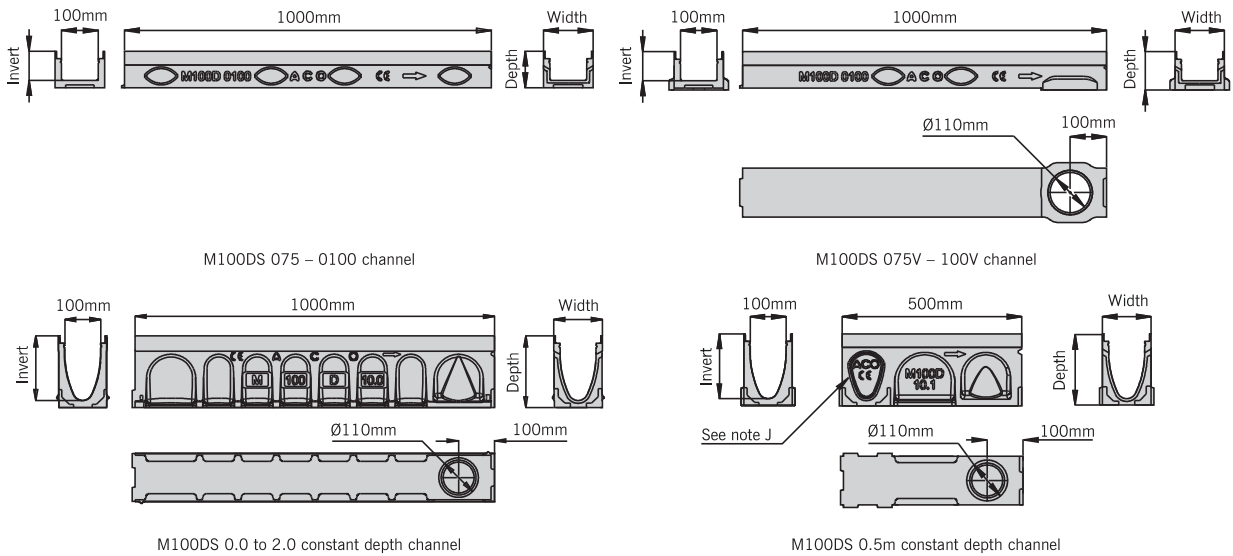
ACO MultiDrain® M100DS channels are manufactured from Vienite®, ACO's sustainable high strength material, which provides high chemical resistance. For improved aesthetics and performance, the channels listed below are provided with integral stainless steel (Grade 304) protective edge rails.

These channels are available in constant depth and shallow depth units.

For the ACO MultiDrain® M100DS range of gratings to suit these channels please refer to pages 32-37.

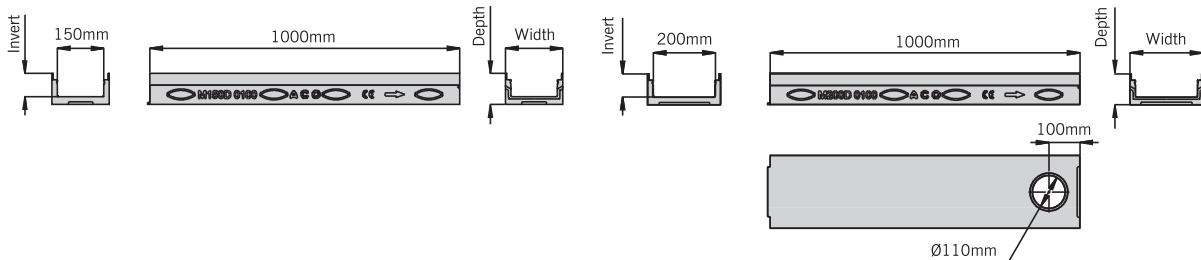
M100DS constant depth channels with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24075	M100DS No. 075	1000	135	75	55	1	10.9
24076	M100DS No. 075V	1000	135	75†	55	1	10.6
24110	M100DS No. 0100	1000	135	100	80	1	12.7
24111	M100DS No. 0100V	1000	135	100†	80	1	12.4
24000	M100DS No. 0.0*	1000	135	150	130	1/3	14.9
24050	M100DS No. 0.1J*	500	135	150	130	1/3	8.6
24100	M100DS No.10.0*	1000	135	200	180	1/3	17.9
24101	M100DS No.10.1J*	500	135	200	180	1/3	10.2
24200	M100DS No.20.0*	1000	135	250	230	1/3	21.0
24201	M100DS No.20.1J*	500	135	250	230	1/3	11.8



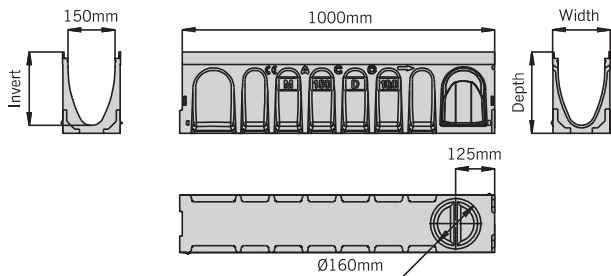
M150DS constant depth channels with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24156	M150DS No. 0100	1000	185	100	75	1	16.7
24157	M150DS No. 0100V	1000	185	100	75	1	15.9
24150	M150DS No. 0.0*	1000	185	210	185	1/3	25.4
24153	M150DS No. 0.1J*	500	185	210	185	1/3	13.7
24151	M150DS No.10.0*	1000	185	260	235	1/3	28.0
24154	M150DS No. 10.1J*	500	185	260	235	1/3	15.6
24152	M150DS No.20.0*	1000	185	310	285	1/3	32.1
24155	M150DS No. 20.1J*	500	185	310	285	1/3	17.4

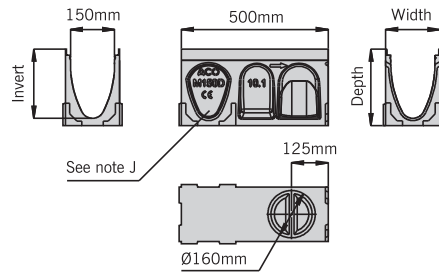


M150DS 0100 channel.

M150DS 0100V channel



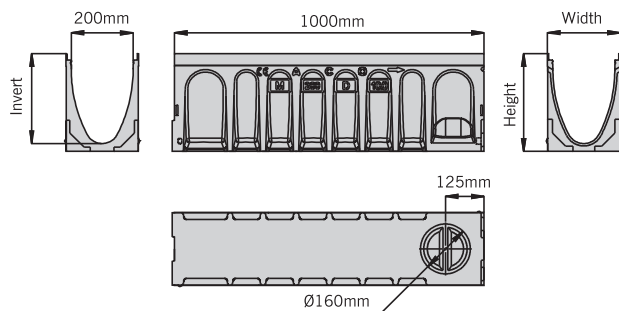
M150DS 0.0 to 2.0 constant depth channel



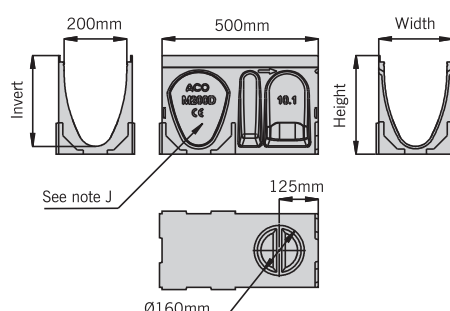
M150DS 0.5m constant depth channel

M200DS constant depth channels with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24216	M200DS No. 0100	1000	235	100	75	1	19.4
24217	M200DS No. 0100V	1000	235	100	75	1	18.7
24210	M200DS No. 0.0*	1000	235	265	240	1/3	34.8
24213	M200DS No. 0.1J*	500	235	265	240	1/3	18.9
24211	M200DS No.10.0*	1000	235	315	290	1/3	39.2
24214	M200DS No. 10.1J*	500	235	315	290	1/3	20.9
24212	M200DS No.20.0*	1000	235	365	340	1/3	42.2
24215	M200DS No. 20.1J*	500	235	365	340	1/3	22.9



M200DS 0.0 to 2.0 constant depth channel



M200DS 0.5m constant depth channel

Note: The constant depth channels have an improved knockout feature, see page 41 for more information.

* Indicates channels supplied with a preformed Ø160mm knockout for vertical outlet.

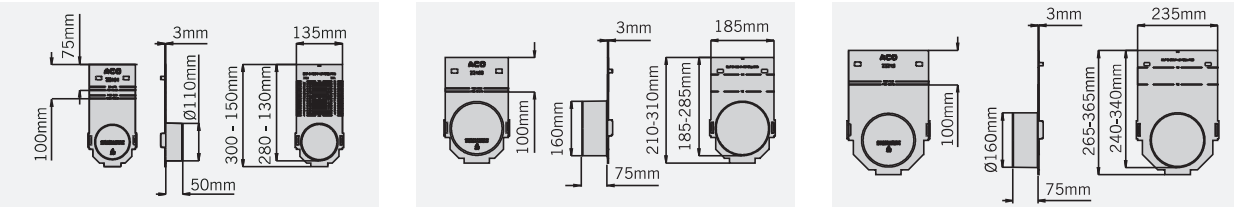
J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

V Indicates channel with cast in TPE triple lipped seals for water tight connection. See page 41 for further information.

These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.

Multifunctional endcap (closing/inlet/outlet)

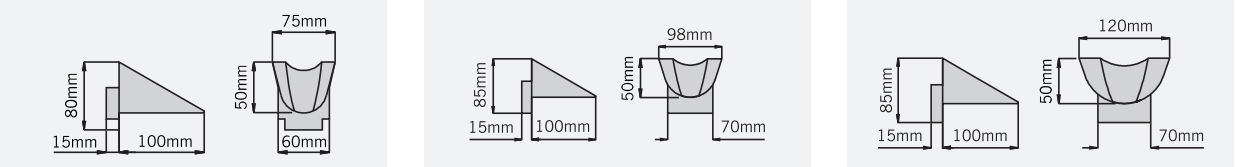
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
23404	M100D multifunctional endcap	-	135	75/300	50	-	0.2
23159	M150D multifunctional endcap	-	185	310/100	75	-	0.3
23219	M200D multifunctional endcap	-	235	365/100	75	-	0.4



The multifunctional endcap can be cut down to suit all channels. See page 42 for further information.

Step connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
12601	M100D 50mm Step connector	100	75	50	-	-	0.4
13001	M150D 50mm Step connector	100	98	50	-	-	0.5
13401	M200D 50mm Step connector	100	120	50	-	-	0.6



Note: For information on the Step connector functionality see page 42.

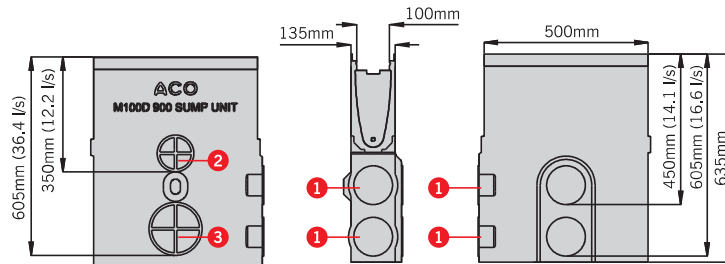


M100DS sump unit with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24410	M100DS Universal sump with plastic silt bucket	500	135	635	615	-	33.9

Standard sump outlets

- ① = Ø110mm outlet with triple lipped seal
- ② = Ø110mm knockout
- ③ = Ø160mm knockout



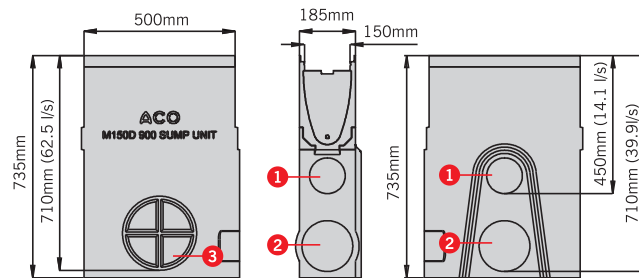
Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 43.

M150DS sump unit with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24158	M150DS Universal sump with plastic silt bucket	500	185	735	715	-	44.5

Standard sump outlets

- ① = Ø110mm outlet with triple lipped seal
- ② = Ø160mm outlet
- ③ = Ø200mm knockout



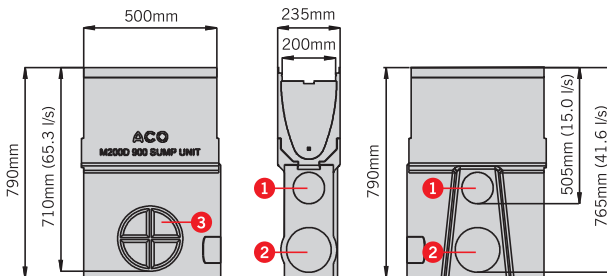
Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 47.

M200DS sump unit with stainless steel edge rails

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert depth (mm)	Invert Type	Weight (kg)
24218	M200DS Universal sump with plastic silt bucket	500	235	790	765	-	48.0

Standard sump outlets

- ① = Ø110mm outlet with triple lipped seal
- ② = Ø160mm outlet
- ③ = Ø200mm knockout



Note: Drawing shows flow through un-trapped unions. For information on the sump unit functionality see page 47.

Note: For ACO Universal gully details please refer to page 15. For Foul air trap details please refer to page 17.
For repair kit information please see page 17.

These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.

Gratings for use with ACO MultiDrain® M100DS channels with stainless steel edge rails



Gratings for Load Class A 15 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
12640	Slotted stainless steel 460DL	1000	123	21	10	Yes	25300	n/a	2.0
12641	Slotted stainless steel 461DL	500	123	21	10	Yes	25300	n/a	1.0
12664	Perforated stainless steel 12664DL	1000	123	21	6	Yes	16300	n/a	2.6
12665	Perforated stainless steel 12665DL	500	123	21	6	Yes	16300	n/a	1.3



460/461DL
slotted stainless steel



12664/12665DL
perforated stainless steel



Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
132557	Intercept Bar stainless steel 132557DL	1000	123	21	28 x 6	Yes	43000	Yes	3.8
132552	Intercept Bar stainless steel 132552DL	500	123	21	28 x 6	Yes	43000	Yes	1.9
132556	Intercept Profile stainless steel 132556DL	1000	123	21	29 x 8	Yes	44500	Yes	3.7
132551	Intercept Profile stainless steel 132551DL	500	123	21	29 x 8	Yes	44500	Yes	1.9



132557DL / 132552DL
Intercept Bar stainless steel



132556DL / 132551DL
Intercept Profile stainless steel



Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
12644	Slotted stainless steel 470DL	1000	123	21	10	Yes	25300	n/a	5.0
12645	Slotted stainless steel 471DL	500	123	21	10	Yes	25300	n/a	2.5
12654	Perforated stainless steel 12654DL	1000	123	21	6	Yes	16300	n/a	4.8
12655	Perforated stainless steel 12655DL	500	123	21	6	Yes	16300	n/a	2.4
132882	Heelguard™ mesh stainless steel grating 430DL	1000	123	21	29 x 9.5	Yes	79000	Yes	4.2
132883	Heelguard™ mesh stainless steel grating 431DL	500	123	21	29 x 9.5	Yes	79000	Yes	2.1



470DL / 471DL
Slotted stainless steel



12654DL / 12655DL
Perforated stainless steel



430DL / 431DL
Heelguard™ mesh stainless steel

ACO MultiDrain® MD stainless steel gratings are manufactured from Grade 304 stainless steel and are fitted with ACO Drainlock™ as standard. See page 48 for installation details. For Drainlock™ grating lifting tool details please refer to page 33. *Not suitable for carriageways of public roads or motorways.

These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.



Gratings for Load Class D400* applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole dia (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
132887	Heelguard™ mesh stainless steel 132887DL	1000	123	21	28 x 8.5	Yes	69100	Yes	5.2
132888	Heelguard™ mesh stainless steel 132888DL	500	123	21	28 x 8.5	Yes	69100	Yes	2.5
23475	Brickslot single slot stainless steel 23475	1000	123	105	10	Yes	10000	No	6.6
23476	Brickslot single slot stainless steel 23476	500	123	105	10	Yes	10000	No	3.5
23477	Brickslot single slot access unit stainless steel 23477	500	123	105	10	Yes	10000	No	6.2
23490	Brickslot Twinslot offset stainless steel	1000	123	105	10 (x2)	Yes	20000	Yes	13
23491	Brickslot Twinslot offset stainless steel	500	123	105	10 (x2)	Yes	20000	Yes	6.5
23492	Brickslot Twinslot offset access unit stainless steel	500	123	105	10 (x2)	Yes	20000	Yes	11.3
23493	Brickslot Twinslot central stainless steel	1000	123	105	10 (x2)	Yes	20000	Yes	11.7
23494	Brickslot Twinslot central stainless steel	500	123	105	10 (x2)	Yes	20000	Yes	5.8
23495	Brickslot Twinslot central access unit stainless steel	500	123	105	10 (x2)	Yes	20000	Yes	14.2



132887/132888DL
Mesh stainless steel



23475/23476
Brickslot single slot stainless steel



23490/23491
Brickslot Twinslot offset stainless steel



23493/23494
Brickslot Twinslot central stainless steel

Grating accessories

Product code	Description	For use with	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445828	Drainlock™ security locking assembly Mesh** C250	132882, 132883	96	20	13	0.07
445745	Drainlock™ security locking assembly Mesh** D400	132887, 132888	96	27	13	0.06
445830	Drainlock™ security locking assembly Profile**	132551, 132556	96	27	13	0.06
445829	Drainlock™ security locking assembly Bar**	132552, 132557	96	27	13	0.07
1367	Drainlock™ grating lifting tool	all	400	150	6	0.2



445828
Drainlock™ security locking assembly Mesh**



445830
Drainlock™ security locking assembly Profile**



445829
Drainlock™ security locking assembly Bar**



1367
Drainlock™ grating lifting tool 835

6 Indicates security locking available.

*Not suitable for carriageways of public roads or motorways.

**Standard allen key required.

Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc.



Gratings for use with ACO MultiDrain® M150DS channels with stainless steel edge rails



Grating for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole Ø (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
133603	Heelguard™ mesh stainless steel 133603DL	1000	173	36	29 x 10	Yes	118200	Yes	5.5
133604	Heelguard™ mesh stainless steel 133604DL	500	173	36	29 x 10	Yes	118200	Yes	2.7
133627	Intercept-Profile stainless steel 133627DL	1000	173	30	29 x 9	Yes	68700	Yes	5.1
133628	Intercept-Profile stainless steel 133628DL	500	173	30	29 x 9	Yes	68700	Yes	2.6
133633	Intercept-Bar stainless steel 133633DL	1000	173	27	29 x 6	Yes	66800	Yes	5.5
133634	Intercept-Bar stainless steel 133634DL	500	173	27	29 x 6	Yes	66800	Yes	2.8



133603DL / 133604DL
Heelguard™ mesh stainless steel



133627DL / 133628DL
Intercept-Profile stainless steel

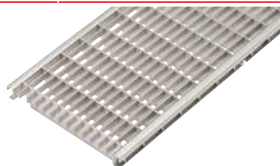


133633DL / 133634DL
Intercept-Bar stainless steel



Grating for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole Ø (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
133607	Heelguard™ mesh stainless steel 133607DL	1000	173	40	30 x 10	Yes	118200	Yes	5.7
133608	Heelguard™ mesh stainless steel 133608DL	500	173	40	30 x 10	Yes	118200	Yes	2.9

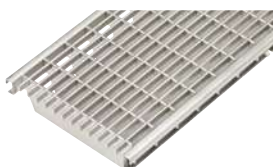


133607DL / 133608DL
Heelguard™ mesh stainless steel



Grating for Load Class D 400* applications

Product code	Description		Length (mm)	Width overall (mm)	Depth overall (mm)	Slot width /hole Ø (mm)	Heelguard™	Intake area (mm²/m)	Anti shunt feature	Weight (kg)
133611	Heelguard™ mesh stainless steel 133611DL	⚙	1000	173	46	30 x 10	Yes	103400	Yes	8.0
133612	Heelguard™ mesh stainless steel 133612DL	⚙	500	173	46	30 x 10	Yes	103400	Yes	4.0
23185	Brickslot single slot stainless steel 23185		1000	173	105	10	Yes	10000	No	8.0
23186	Brickslot single slot stainless steel 23186		500	173	105	10	Yes	10000	No	4.1
23187	Brickslot single slot access unit stainless steel 23187		500	173	105	10	Yes	10000	No	7.2



133611DL / 133612DL
Heelguard™ mesh stainless steel



23185 / 23186
Brickslot single slot stainless steel



23187
Brickslot single slot access unit stainless steel



ACO can manufacture Brickslot grates in a wide range of sizes for specific site requirements. Twinslot grates (as seen in the M100DS section) can also be manufactured for use with M150DS channels. For more information please contact your sales representative.

Grating accessories

Product code	Description	For use with	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445831	Drainlock™ security locking assembly Mesh**	133603, 133604, 133607, 133608, 133611, 133612	146	20	13	0.1
445833	Drainlock™ security locking assembly Profile**	133627, 133628	146	27	13	0.1
445832	Drainlock™ security locking assembly Bar**	133633, 133634	146	27	13	0.1
1367	Drainlock™ grating lifting tool	all	400	150	6	0.2



445831
Drainlock™ security locking assembly Mesh**



445833
Drainlock™ security locking assembly Profile**



445832
Drainlock™ security locking assembly Bar**



1367
Drainlock™ grating lifting tool 835

⚙ Indicates security locking available.

*Not suitable for carriageways of public roads or motorways.

**Standard allen key required.

Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc.

These products are subject to weight and dimensional tolerances. The dimensions shown on this page are for guidance purposes only.

