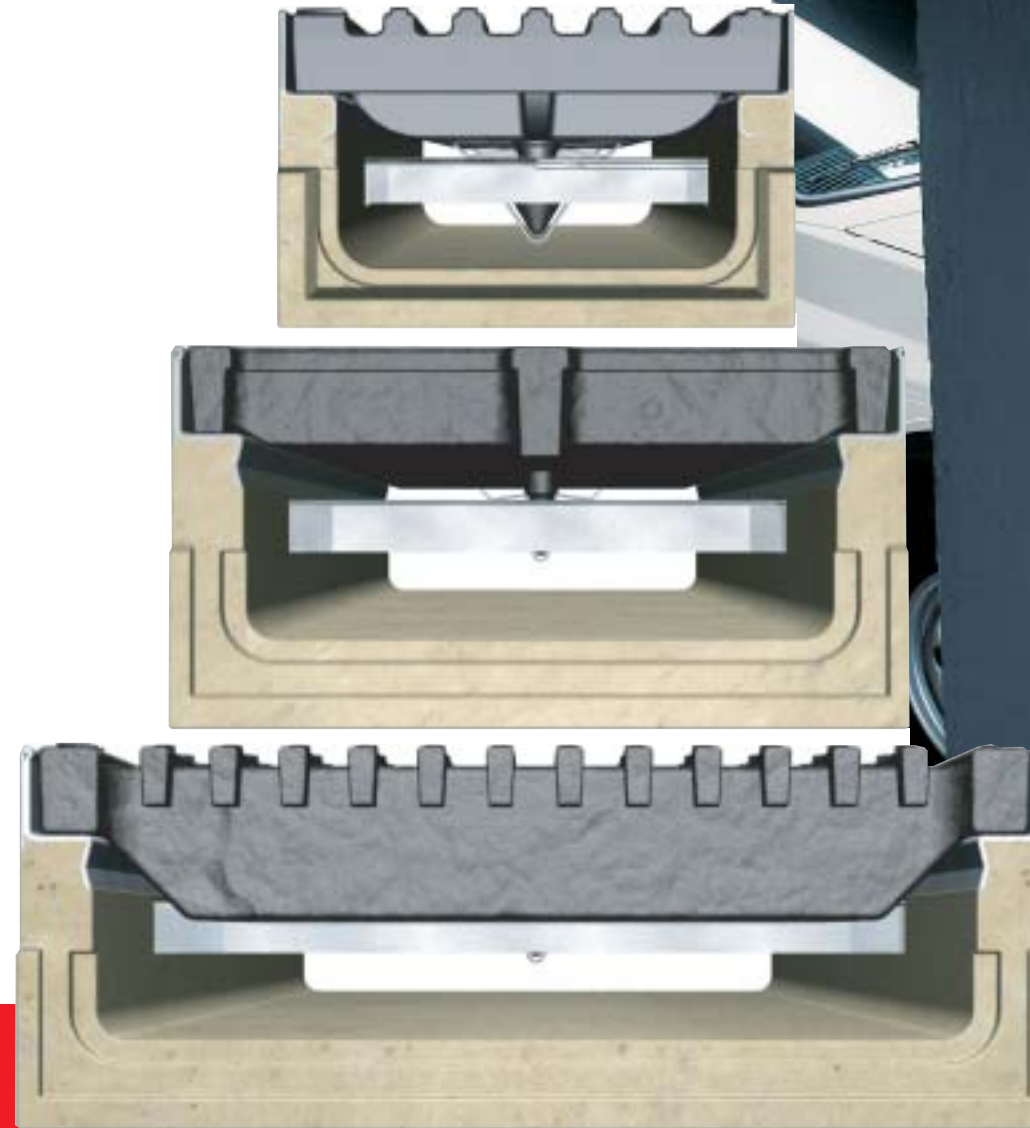


### Typical applications

- Multi-storey car parks
- Restricted depth applications
- Elevated slabs
- Retro-fit
- Threshold applications



**H100K**  
**H200K**  
**H300K**

**SlabDrain**  
*Shallow grated trench drainage*

On occasion, installation constraints are of greater concern than hydraulics. The most common constraint is lack of depth.

To offer solutions where shallow trench drains are required, ACO offers SlabDrain in three widths - all neutral depths. Loading varies depending upon grate chosen, up to Load Class D210kN.

Grates are secured into the channel by ACO's patented boltless locking device - QuickLok.





**Wide choice of grates** in various materials and styles (including compliance with AS 1428.2 Design for Access and Mobility - Part 2) for applications up to Load Class D210kN (AS 3996).

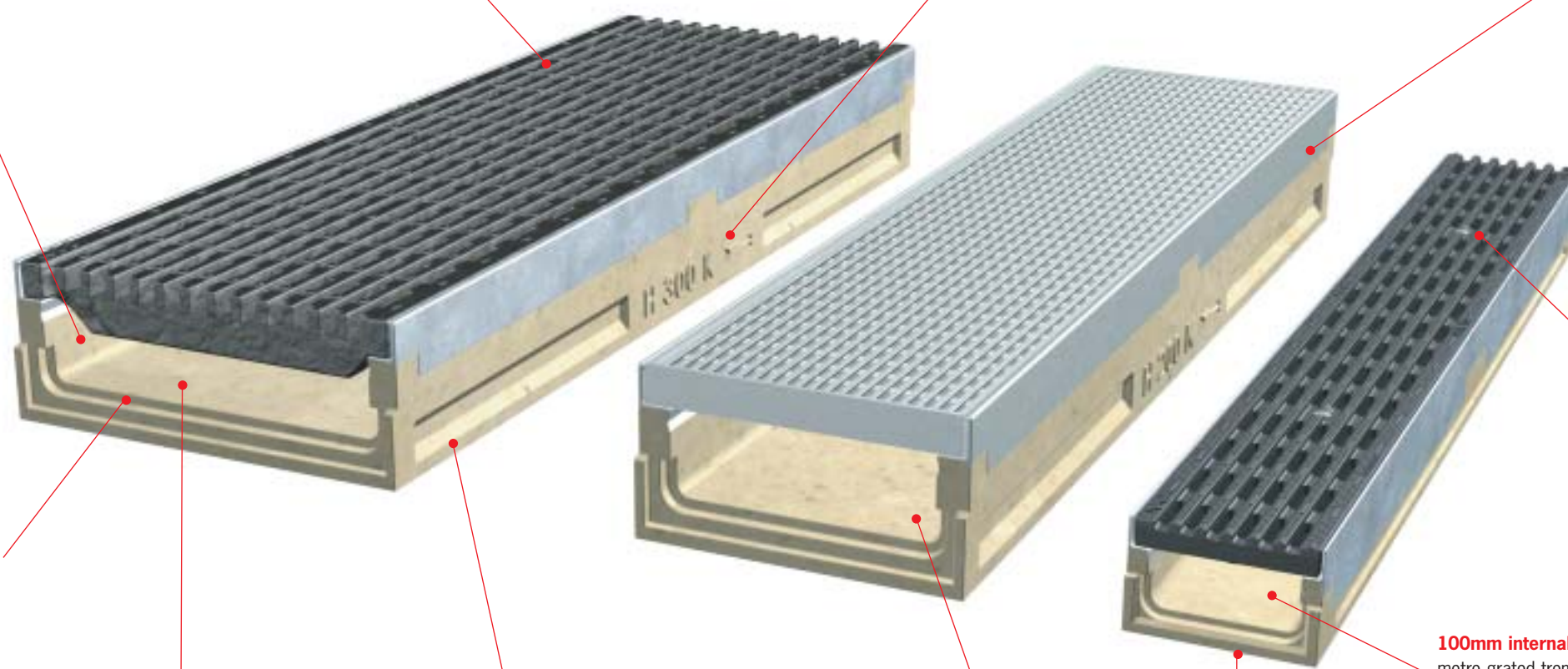
**Direction arrows** cast on side of channel indicate flow direction and ensure channels are installed correctly.

**Integrally cast-in galvanised steel / stainless steel edge rail** provides additional strength and protects channel lip from wearing damage. Also provides a good pavement restraining edge.

**Polymer concrete** - a durable lightweight material made from polyester resin binder reinforced by mineral aggregates and fillers - up to four times the compressive strength of cement concrete. See page 20 for material properties.



**QuickLok** - patented, boltless locking system provides quick fitting and removal of grates. Helps reduce installation, maintenance time and cost.



**SF Sealant groove** - a 10mm x 8mm groove is cast into the female end of every channel. This groove allows for a positive bead of flexible sealant to be inserted at joints.

**300mm internal width H300K** - one metre grated trench units. Flat bottom reduces construction depth.

**Profiled side walls** - strengthening ribs provide channel body strength and anchorage to surrounding concrete.

**200mm internal width H200K** - one metre grated trench units. Flat bottom reduces construction depth.

**100mm internal width H100K** - one metre grated trench units. Flat bottom reduces construction depth. Available in two depths - 80mm or 100mm.

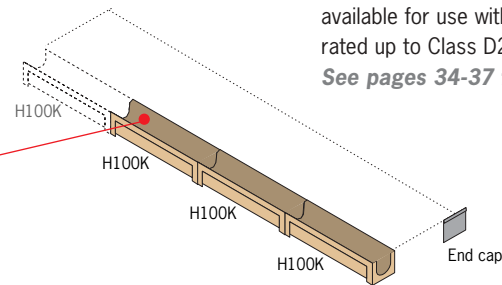
**Vertical outlets** for pipe connection allows vertical discharge of the system at the male (downstream) end of every channel. **H100K** has drill-out for DN100 pipe. **H200K** has drill-out for DN150 pipe. **H300K** has drill-out for DN150 pipe.



**H100K**



End cap



**Grates**

A wide selection of grates is available for use with H100K, rated up to Class D210kN. See pages 34-37 for details.

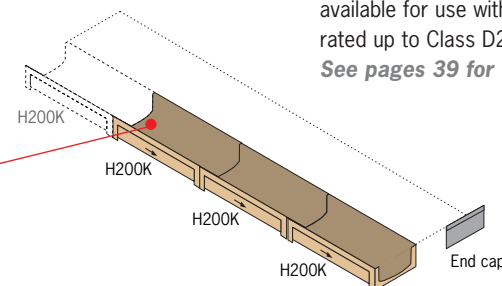
**One metre channels**  
Neutral channels used to create constant depth runs.



**H200K**



End cap



**Grates**

A selection of grates is available for use with H200K, rated up to Class D210kN. See pages 39 for details.

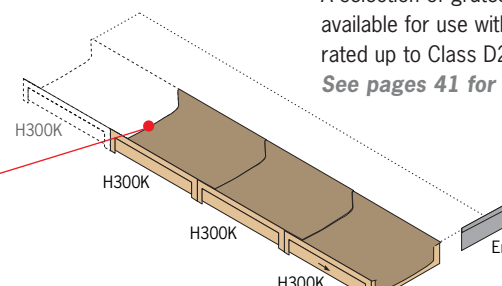
**One metre channels**  
Neutral channels used to create constant depth runs.



**H300K**



End cap



**Grates**

A selection of grates is available for use with H300K, rated up to Class D210kN. See pages 41 for details.

**One metre channels**  
Neutral channels used to create constant depth runs.



**H100K Parts list**

Description	Part No	Invert Depth mm		Weight kg
		Female	Male	
<b>Channels &amp; end caps</b>				
H100K - 80 Neutral channel - (1m)	06490	65	65	9.0
H100KS - 80 Neutral channel - (1m)	06369	65	65	9.0
H100K - 100 Neutral channel - (1m)	06086	85	85	12.5
H100KS - 100 Neutral channel - (1m)	04162	85	85	12.5
H100KS - 80 Stainless steel end cap	95625	-	-	0.5
H100KS - 100 Stainless steel end cap	95646	-	-	0.6

**Notes:**

- H100KS - 80 and H100KS - 100 have Grade 304 stainless steel rails
- Add nominal 15mm to invert depth for overall channel depth
- Preformed drill-out for DN100 pipe on underside of each channel
- See pages 34-37 for details on suitable grates
- Use QuickLok grate removal tool to remove grates (Part # 01318)

**H200K Parts list**

Description	Part No	Invert Depth mm		Weight kg
		Female	Male	
<b>Channels &amp; end cap</b>				
H200K Neutral channel - (1m)	06095	100	100	27.2
H200KS Neutral channel - (1m)	06129	100	100	27.2
H200KS Stainless steel end cap	95668	-	-	1.0

**Notes:**

- H200KS has Grade 304 stainless steel rails
- Add nominal 30mm to invert depth for overall channel depth
- Preformed drill-out for DN150 pipe on underside of each channel
- See page 39 for details on suitable grates
- Use QuickLok grate removal tool to remove grates (Part # 01318)

**H300K Parts list**

Description	Part No	Invert Depth mm		Weight kg
		Female	Male	
<b>Channels &amp; end cap</b>				
H300K Neutral channel - (1m)	06144	100	100	33.7
H300KS Neutral channel - (1m)	06153	100	100	33.7
H300KS Stainless steel end cap	95682	-	-	1.4

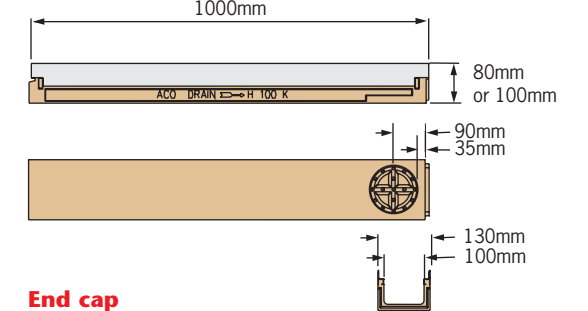
**Notes:**

- H300KS has Grade 304 stainless steel rails
- Add nominal 30mm to invert depth for overall channel depth
- Preformed drill-out for DN150 pipe on underside of each channel
- See page 41 for details on suitable grates
- Use QuickLok grate removal tool to remove grates (Part # 01318)

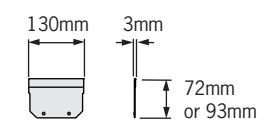
**Flow rates**

Product	Outlet Size	Invert Depth	Litres/sec
H100K - 80 channel	100mm round	65	5.8
H100K - 100 channel	100mm round	85	6.6
H200K channel	150mm round	100	16.1
H300K channel	150mm round	100	16.1

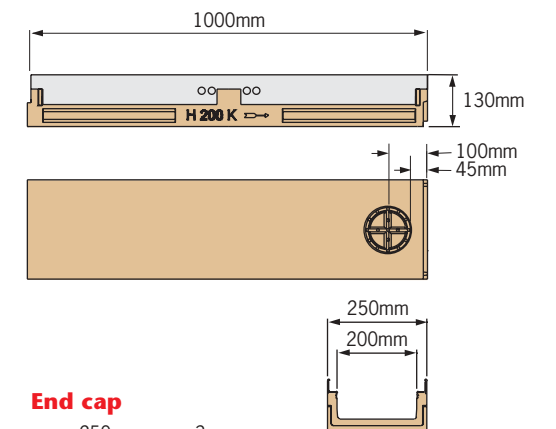
**H100K channel**



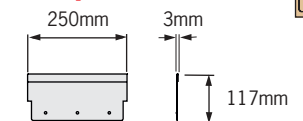
**End cap**



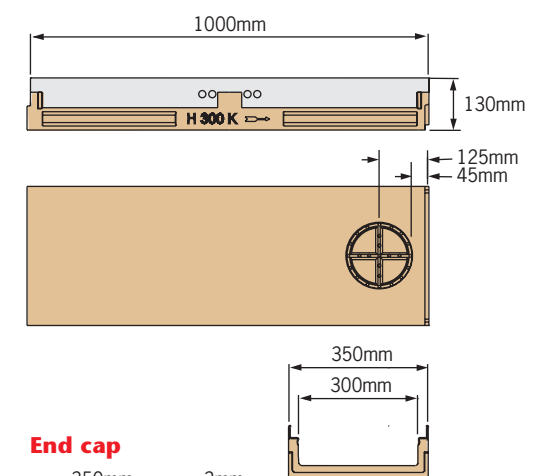
**H200K channel**



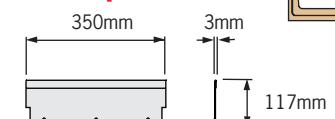
**End cap**



**H300K channel**

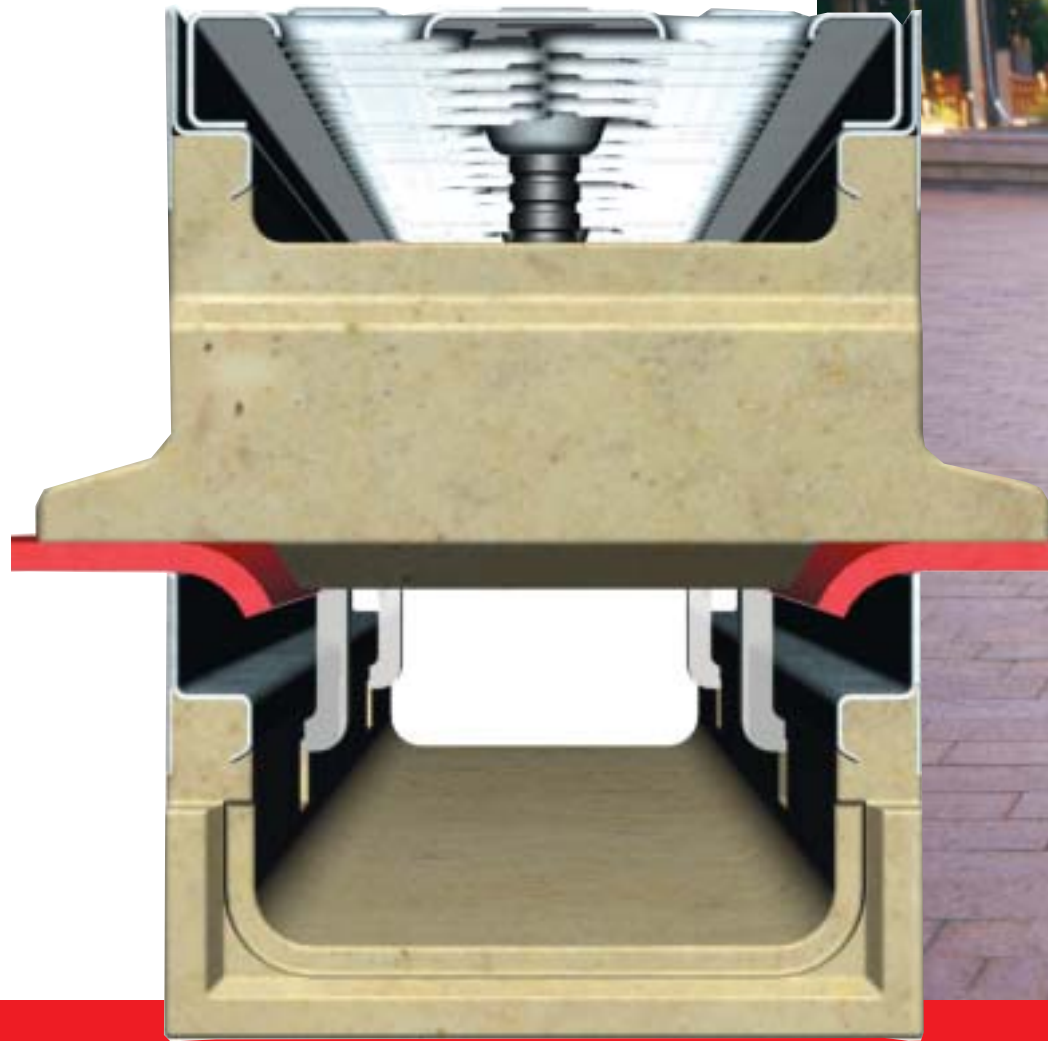


**End cap**



### Typical applications

- Shopping centres
- Pedestrian areas
- High profile projects
- Suspended slabs with waterproof membranes
- Pool areas



## Brickslot Membrane Drain MiniKlassik

## Specialty Products

Products designed for specific drainage applications

To complement its core range of general purpose (KlassikDrain & PowerDrain) and shallow (SlabDrain) grated trench drains, ACO has developed a specialty range of drainage products for specific applications and problem situations.

Typical solutions range from discreet purpose made trench drainage systems for brick pavements; grated trench drains that allow for the connection of waterproof membranes; and unobtrusive, attractive threshold drains.

