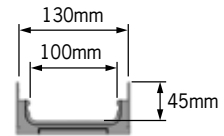
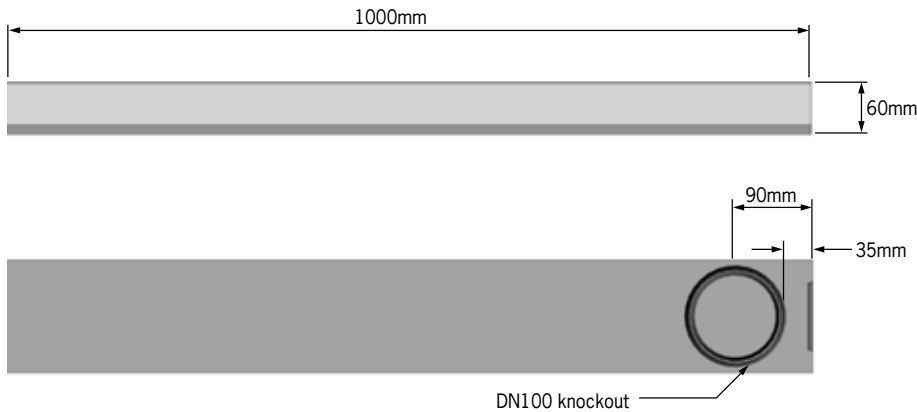


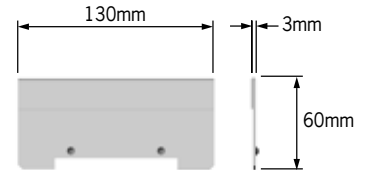
SlabDrain - H100K/H100KS Steel edge rail channel system



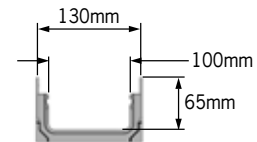
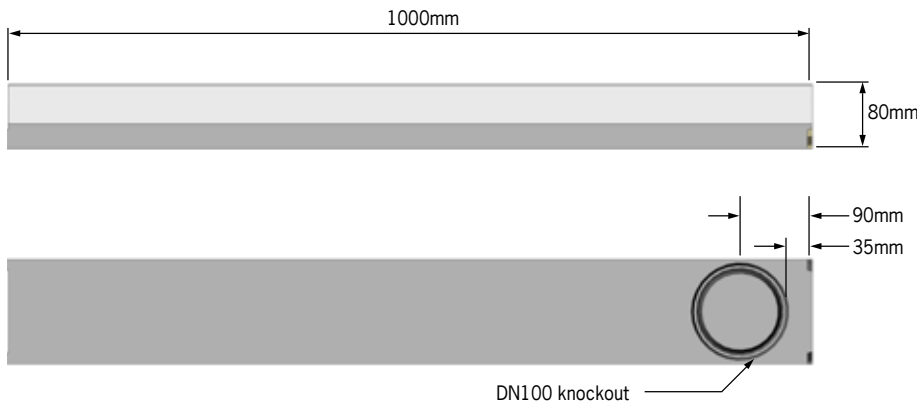
H100K-60 channel with galvanised steel edge rails
H100KS-60 channel with stainless steel edge rails



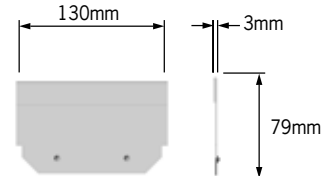
End Cap



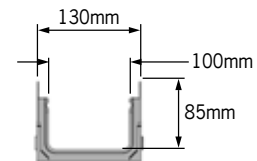
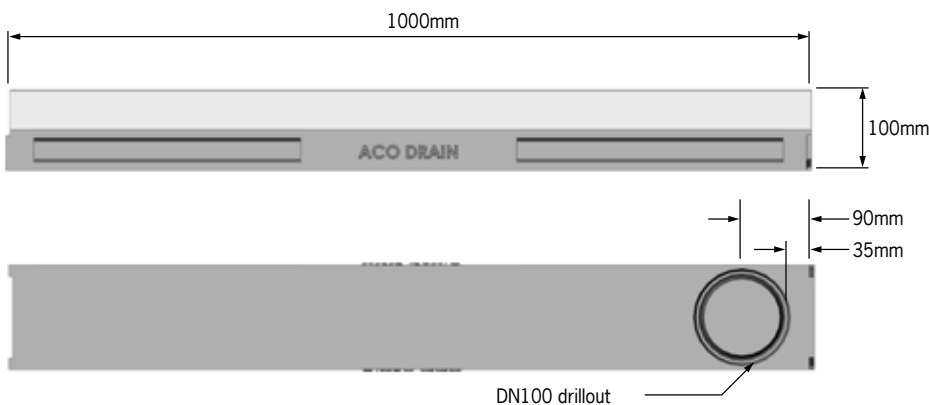
H100K-80 channel with galvanised steel edge rails
H100KS-80 channel with stainless steel edge rails



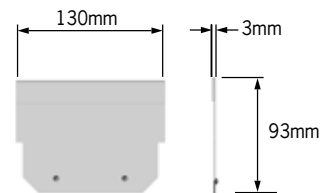
End Cap



H100K-100 channel with galvanised steel edge rails
H100KS-100 channel with stainless steel edge rails



End Cap



Outlet flow rates

Product	Outlet size	Invert Depth (mm)	L/s
H100K-60/H100KS-60	100mm round	45	4.8
H100K-80/H100KS-80	100mm round	65	5.8
H100K-100/H100KS-100	100mm round	85	6.6

Note: These are the pipe flow rates at the specified outlet, **NOT** channel flow rates.

ACO Specification Information





Description	Part No.	Invert ¹ (mm)	Weight (kg)
H100K-60 Neutral channel with galvanised steel edge rails - (1m)	141803	45	7.6
H100KS-60 Neutral channel with stainless steel edge rails - (1m)	141804	45	7.6
H100K-60/H100KS-60 End cap	141805	60 ²	0.1
H100K-80 Neutral channel with galvanised steel edge rails - (1m)	141785	65	9.0
H100KS-80 Neutral channel with stainless steel edge rails - (1m)	141786	65	9.0
H100K-80/H100KS-80 End cap	141793	80 ²	0.5
H100K-100 Neutral channel with galvanised steel edge rails - (1m)	141787	85	12.5
H100KS-100 Neutral channel with stainless steel edge rails - (1m)	141788	85	12.5
H100K-100/H100KS-100 End cap	141794	100 ²	0.6
Debris strainer for 100mm knockout	93488	-	0.1
Grate removal tool	01318	-	0.1
QuickLok bar	02899	-	0.1

Notes:

1. To calculate overall channel depth add 15mm to invert depth.
2. Overall depth of end caps.

<p>Specifications</p> <p>The surface drainage system shall be ACO's SlabDrain H100K/H100KS* polymer concrete shallow channel system with galvanised/stainless* steel edge rails as manufactured by ACO.</p> <p>Channels H100K/H100KS* channel shall be 100mm nominal internal width with an overall width of 130mm. Channels shall have an overall depth of 60mm/80mm/100mm* for use in areas with depth restrictions. All channels shall be interlocking with a male/female joint.</p>	<p>Grates Insert specification for the selected grate. Refer to the relevant ACO Specification Information sheet, click: http://www.acodrain.com.au/resources</p> <p>Installation The complete drainage system shall be by ACO and to be installed for its intended purpose. Any deviation or partial use of the specified system and/or improper installation will void all warranties provided by ACO.</p> <p>Materials H100K/H100KS* channels shall be manufactured from polyester resin polymer concrete with integrally cast-in galvanised/stainless* steel edge rails.</p>	<p>Properties of polymer concrete will be as follows with supporting documentation:</p> <table> <tr> <td>Compressive Strength:</td> <td>98 MPa</td> </tr> <tr> <td>Flexural Strength:</td> <td>26 MPa</td> </tr> <tr> <td>Tensile Strength:</td> <td>14 MPa</td> </tr> <tr> <td>Water Absorption:</td> <td>0.07%</td> </tr> <tr> <td>Frost Proof:</td> <td>YES</td> </tr> <tr> <td>Coefficient of Expansion and Contraction:</td> <td>2.02x10⁻⁵/°C</td> </tr> <tr> <td>Water Vapour Transmission:</td> <td>0.0364g/m²</td> </tr> <tr> <td>Non Flammable:</td> <td>YES</td> </tr> <tr> <td>Roughness (Mannings):</td> <td>n=0.011</td> </tr> <tr> <td>Resistant to Weathering:</td> <td>YES</td> </tr> <tr> <td>Dilute Acid and Alkali Resistant:</td> <td>YES</td> </tr> <tr> <td>SF Sealant Groove:</td> <td>YES</td> </tr> </table> <p>*delete as appropriate</p>	Compressive Strength:	98 MPa	Flexural Strength:	26 MPa	Tensile Strength:	14 MPa	Water Absorption:	0.07%	Frost Proof:	YES	Coefficient of Expansion and Contraction:	2.02x10 ⁻⁵ /°C	Water Vapour Transmission:	0.0364g/m ²	Non Flammable:	YES	Roughness (Mannings):	n=0.011	Resistant to Weathering:	YES	Dilute Acid and Alkali Resistant:	YES	SF Sealant Groove:	YES
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