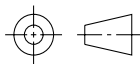
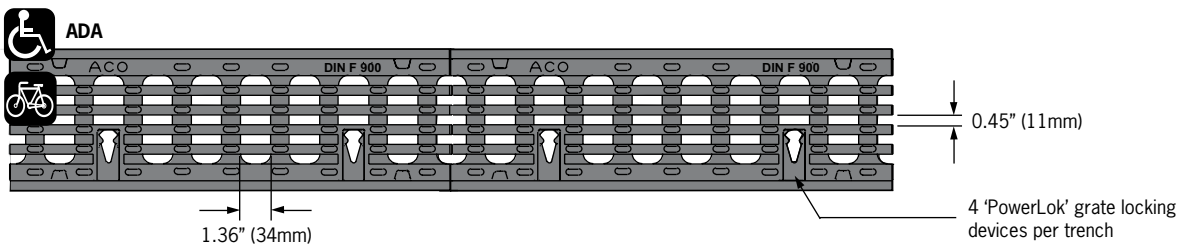
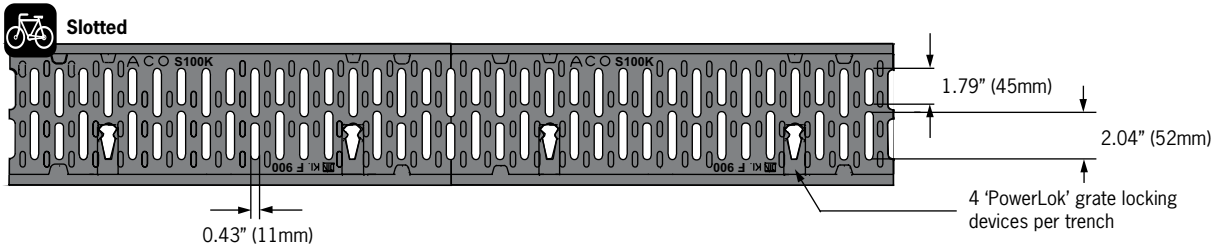


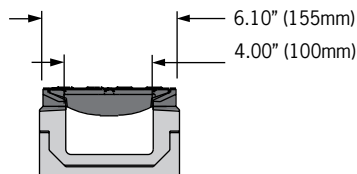
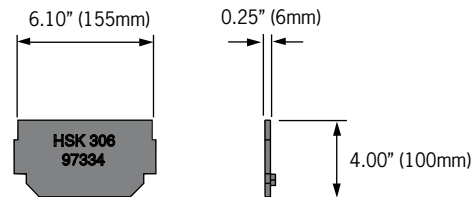
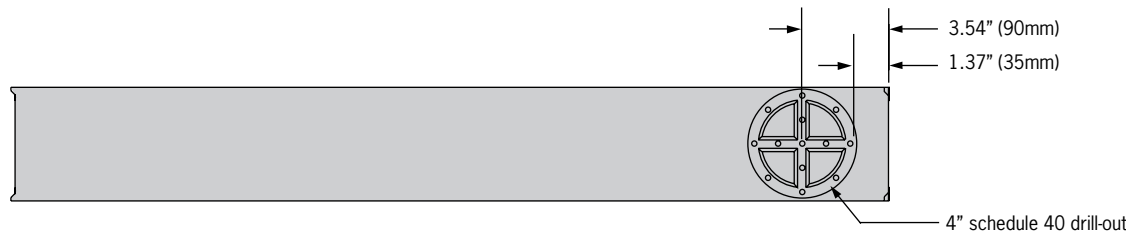
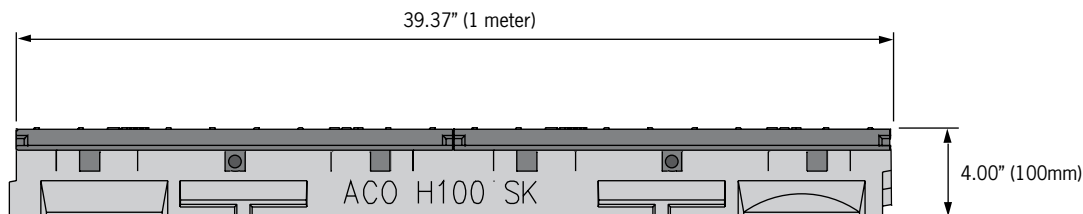
# SlabDrain - H100SK



**Grates**



**H100SK**



**Outlet flow rates**

Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
H100SK channel	4" round	2.95	93	0.21

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

ACO Specification Information



# ACO DRAIN

## H100SK trench drain system



ACO Specification Information

Description	Part No.	Invert Depth inches	Invert Depth mm	Weight lbs.
<b>H100SK - Polyester Polymer Concrete</b> H100SK Neutral channel - 39.37" (1m) complete with slotted ductile iron grate	<b>93408</b>	2.95	75	69.5
H100SK Neutral channel - 39.37" (1m) complete with ADA ductile iron grate	<b>93411</b>	2.95	75	72.1
H100SK Plastic closing cap	<b>97334</b>	2.95	75	1.0

**Notes:**

1. H100SK is sold complete. i.e.; channel with grate
2. Add nominal 1.0" (25mm) to invert depth for overall channel depth
3. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
4. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)

Description	Part No.	Invert Depth inches	Invert Depth mm	Weight lbs.
<b>CH100SK - Vinyl Ester polymer concrete</b> CH100SK Neutral channel - 39.37" (1m) complete with slotted ductile iron grate	<b>93441</b>	2.95	75	69.5
CH100SK Neutral channel - 39.37" (1m) complete with ADA ductile iron grate	<b>93452</b>	2.95	75	72.1
CH100SK Plastic closing cap	<b>97334</b>	2.95	75	1.0

**Notes:**

1. CH100SK is sold complete. i.e.; channel with grate
2. Add nominal 1.0" (25mm) to invert depth for overall channel depth
3. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
4. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)

### Specifications

**General**

The surface drainage system shall be ACO Drain H100SK/CH100SK\* complete with gratings secured with 'PowerLok' locking as manufactured by ACO Polymer Products, Inc. or equal approved.

**Materials**

The trench system bodies shall be manufactured from polyester/vinyl ester\* polymer concrete with minimum properties as follows:

- Compressive strength: 14,000 psi
- Flexural strength: 4,000 psi
- Water absorption 0.07%
- Frost proof
- Salt proof
- Dilute acid and alkali resistant

The nominal clear opening shall be 4.00" (100mm) with overall width of 6.10" (155mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.67" (16mm). Each unit will feature a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The ductile iron edge rail will be integrally cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/4" (6mm) thick.

**Grates**

Grates come in ADA ductile iron or Slotted ductile iron. Grates shall be independently certified to meet Load Class F to DIN 19580 - 200,000 lbs or able to withstand 4,182 psi. After removal of grates there shall be uninterrupted access to the trench to aid maintenance.

**Installation**

The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

\*delete as appropriate

**ACO Polymer Products, Inc.**

**East Sales Office**

P.O. Box 245  
Chardon, OH 44024  
Tel: (440) 285-7000  
Toll free: (800) 543-4764  
Fax: (440) 285-7005

**West Sales Office**

P.O. Box 12067  
Casa Grande, AZ 85230  
Tel: (520) 421-9988  
Toll Free: (888) 490-9552  
Fax: (520) 421-9899

**Electronic Contact:**

info@acousa.com  
www.acousa.com

