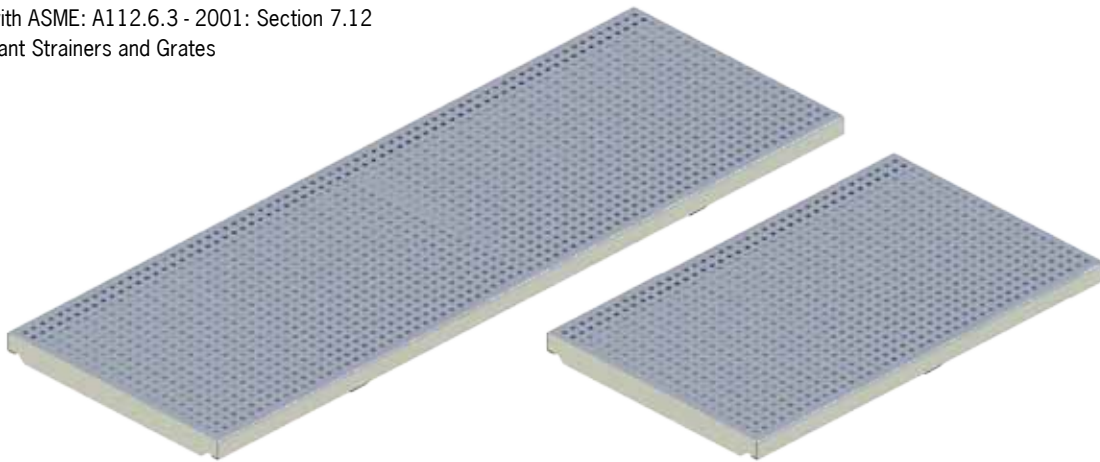


**Product Features**

- Certified to EN 1433 Load Class B - 28,000 lbs - 483 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K300, KS300, H300K-13, and H300KS-13 channels
- Manufactured from 16 gauge galvanized steel
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS 3996 - 2006
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates



ACO Specification Information

**Specifications**

**General**

The surface drainage system shall be ACO Drain K300, KS300, H300K-13, and H300KS-13, channels\* complete with ACO Type 811D/813D perforated galvanized steel grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

**Materials**

The covers shall be manufactured from galvanized steel and have **minimum** properties as follows:

- **Independently certified to meet Load Class B to EN 1433 - 28,000 lbs - 483 psi**
- **16 gauge galvanized steel**
- **Intake area of 31.9 sq. in. (205.81 cm<sup>2</sup>) per half meter of grate**

The overall width of 13.35" (339mm) and overall length of 39.37" (1000mm) (Type 811D) and overall length of 19.69" (500mm) (Type 813D). Perforations measure 0.25" (6.4mm) in diameter.

**Installation**

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

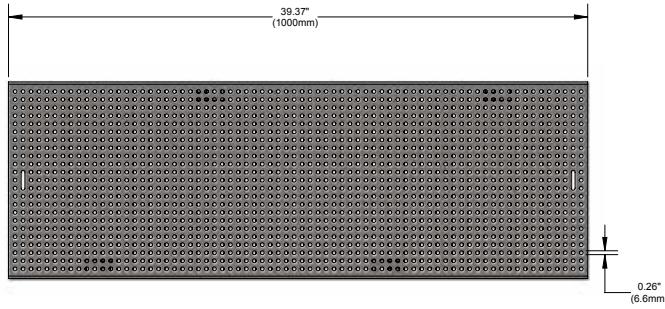
\* delete as appropriate

# ACO DRAIN

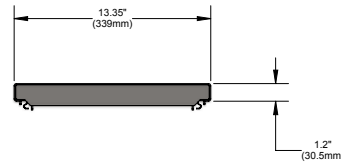
## Type 811D/813D Perforated galvanized steel grate



Plan view



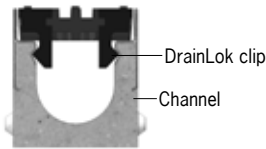
Side elevation



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grate</b>				
Type 811D Perforated galvanized steel grate	<b>138090</b>	39.37 (1000)	13.35 (339)	30.9
Type 813D Perforated galvanized steel grate	<b>138091</b>	19.69 (500)	13.35 (339)	15.0

### 'DrainLok' locking mechanism



ACO DrainLok™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLok™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLok™ grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

#### ACO Polymer Products, Inc.

##### Northeast Sales Office

9470 Pinecone Drive  
Mentor, OH 44060  
Tel: (440) 639-7230  
Toll free: (800) 543-4764  
Fax: (440) 639-7235

##### West Sales Office

825 W. Beechcraft St.  
Casa Grande, AZ 85122  
Tel: (520) 421-9988  
Toll Free: (888) 490-9552  
Fax: (520) 421-9899

##### Southeast Sales Office

4211 Pleasant Road  
Fort Mill, SC 29708  
Toll free: (800) 543-4764  
Fax: (803) 802-1063

##### Follow us on



##### Electronic Contact:

info@ACODrain.us  
www.ACODrain.us



© August 2016 ACO Polymer Products, Inc. This information is believed to be accurate but it is not guaranteed to be so. We cannot assume liability for results that buyer obtains with our product since conditions of use are beyond the control of the company. It is the customer's responsibility to evaluate suitability and safety of product for his own use. ACO Polymer Products Inc. reserves the right to change the product and specifications without notice.