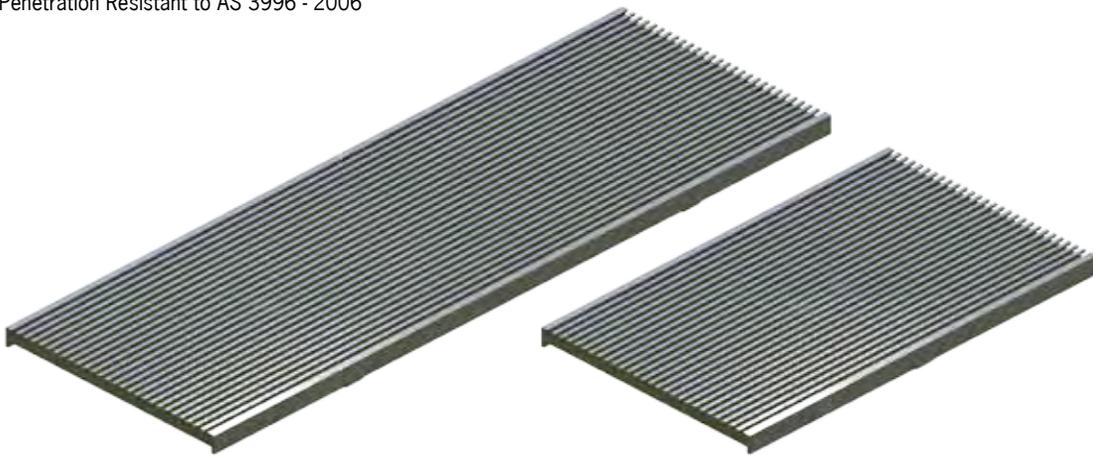


### Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 58 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K300, KS300, H300K-13, and H300KS-13 channels
- Manufactured from 16 gauge, grade 304
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Complies with ASME: A112.6.3 - 2001: Section 7.12  
Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



### Specifications

#### General

The surface drainage system shall be ACO Drain K300, KS300, H300K-13, and H300KS-13, channels\* complete with ACO Type 847D/848D longitudinal (ADA compliant) stainless steel grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

#### Materials

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

- **Independently certified to meet Load Class A to EN 1433 - 3,500 lbs - 58 psi**
- **16 gauge, Grate 304 stainless steel**
- **Intake area of 131.6 sq. in. (848.99.0 cm<sup>2</sup>) per half meter of grate**

The overall width of 13.31" (338mm) and overall length of 39.37" (1000mm) (Type 847D) and overall length of 19.69" (500mm) (Type 848D). Slots measure at 0.81" (20.57mm) by 0.24" (6.09mm).

#### Installation

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

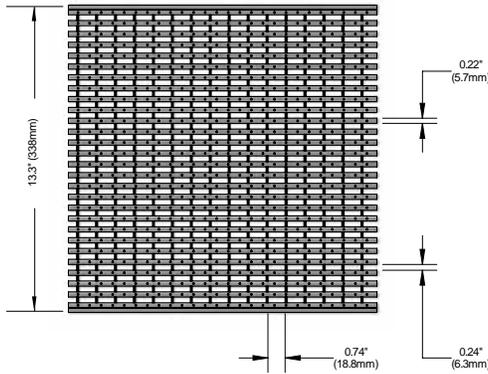
\* delete as appropriate

**ACO DRAIN**

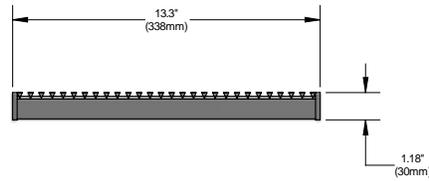
**Type 847D/848D Longitudinal stainless steel grate (ADA)**



**Plan view**

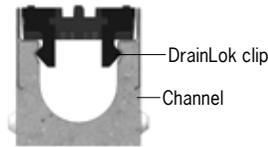


**Side elevation**



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grate</b>				
Type 847D Stainless steel longitudinal grate	<b>142223</b>	39.37 (1000)	13.31 (338)	28.6
Type 848D Stainless steel longitudinal grate	<b>142224</b>	19.69 (500)	13.31 (338)	14.5

**'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.**

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