

# Type 430D/431D Stainless steel mesh grate (ADA)

## Product Features

- Certified to EN 1433 Load Class C - 56,000 lbs - 1,162 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 13 gauge, grade 304 stainless steel
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



ACO Specification Information



## Specifications

### General

The surface drainage system shall be ACO Drain K100, KS100, and H100KS-8 channels\*, complete with ACO Type 430D/431D Mesh stainless steel grate with 'DrainLok' locking as manufactured by ACO, 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 C to EN 1433 - 56,000 lbs - 1,162 psi**
- **13 gauge, Grade 304 stainless steel**
- **Intake area of 58 sq. in. per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 430D) and 19.69" (500mm) (Type 431D). Slots measure 0.50" (12.7mm) by 1.20" (30mm).

### Installation

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

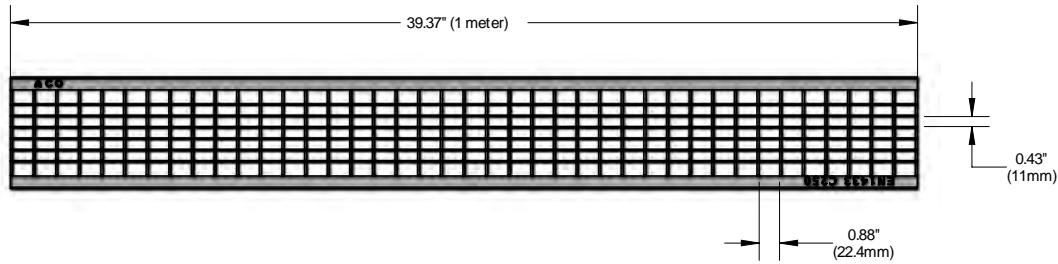
\* delete as appropriate

# ACO DRAIN

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**Plan view**



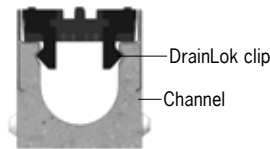
**Side Elevation**



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grates</b>				
Type 430D Mesh stainless steel grate	<b>132882</b>	39.37 (1000)	4.84 (123)	7.8
Type 431D Mesh stainless steel grate	<b>132883</b>	19.69 (500)	4.84 (123)	3.9

### '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.

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