

Type 420D/421D Slotted galvanized steel grate



Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, galvanized steel
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 420D/421D Slotted galvanized steel grate with 'DrainLok' locking as manufactured by ACO, 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 A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge galvanized steel**
- **Intake area of 17.6 sq. in. (113.5 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 420D) and 19.69" (500mm) (Type 421D). Slots measure 1.46" (37.08mm) by 0.38" (10mm).

Installation

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

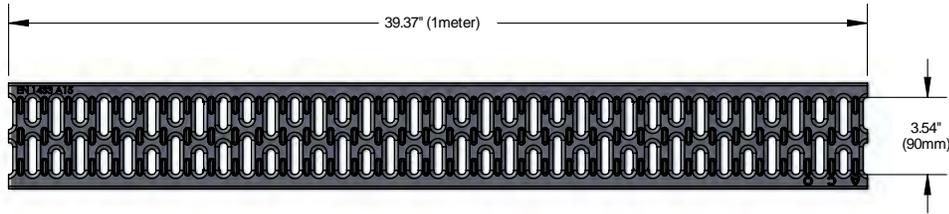
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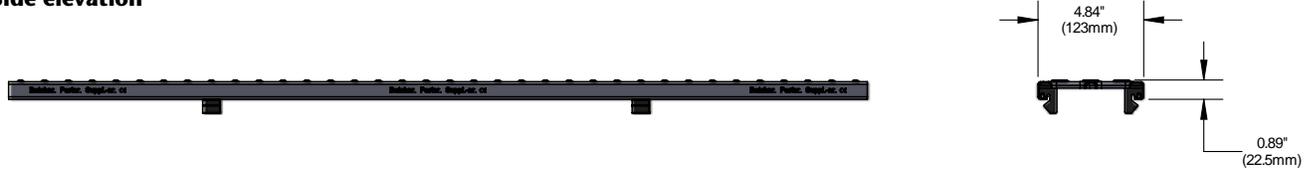
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Plan view

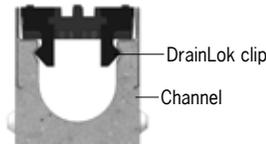


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 420D Slotted galvanized grate	12610	39.37 (1000)	4.84 (123)	5.9
Type 421D Slotted galvanized grate	12611	19.69 (500)	4.84 (123)	3.0

'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 Specification Information

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