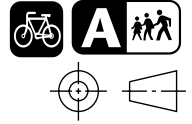
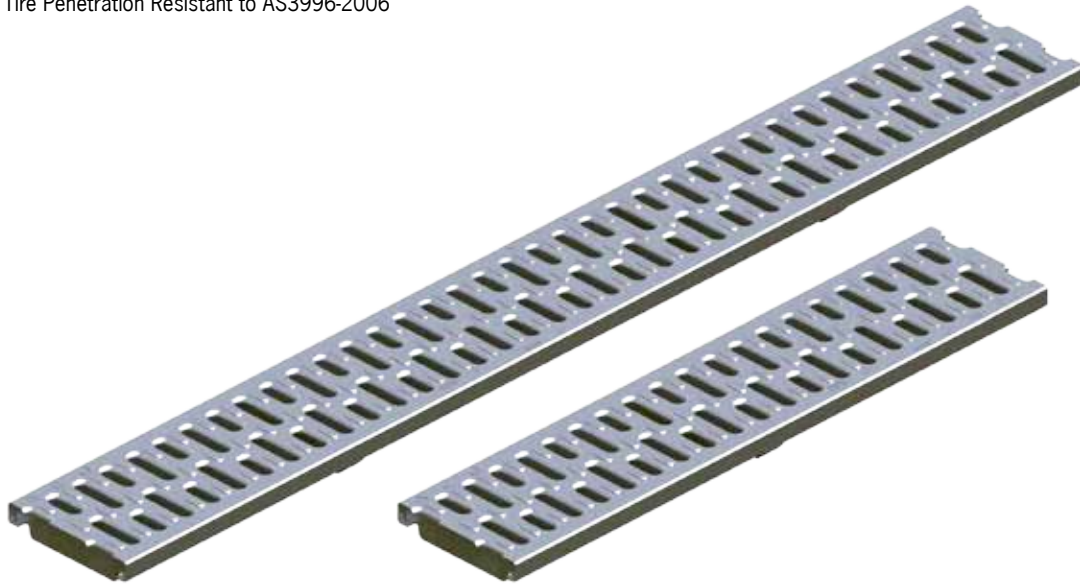


**Type 420D/421D Slotted galvanized steel grate**



**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, H100-8, H100-10, 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, H100-8, H100-10, and H100K-8 channels\* complete with ACO Type 420D/421D Slotted 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 A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge galvanized steel**
- **Intake area of 17.6 sq. in. (113.5 cm<sup>2</sup>) 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.

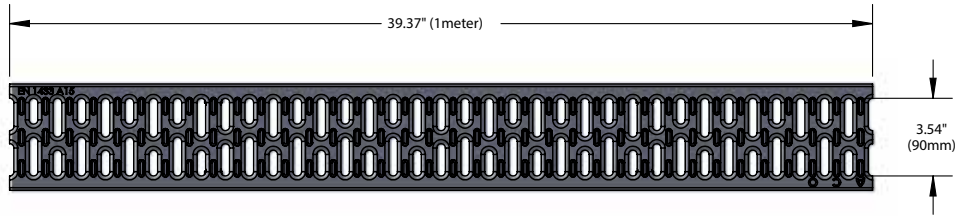
\* delete as appropriate

# ACO DRAIN

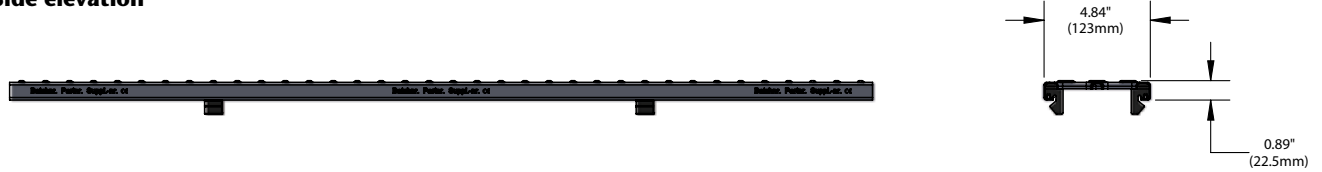
## Type 420D/421D Slotted galvanized steel grate



Plan view

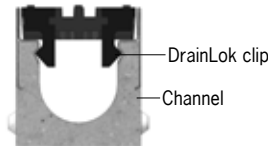


Side elevation



| Description                        | Part No.     | Length inches (mm) | Width inches (mm) | Weight lbs. |
|------------------------------------|--------------|--------------------|-------------------|-------------|
| <b>DrainLok grates</b>             |              |                    |                   |             |
| Type 420D Slotted galvanized grate | <b>12610</b> | 39.37 (1000)       | 4.84 (123)        | 5.9         |
| Type 421D Slotted galvanized grate | <b>12611</b> | 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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