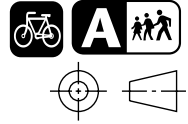


Type 420Q/421Q Slotted galvanized steel grate



Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'QuickLok' 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 420Q/421Q Slotted galvanized steel grate with 'QuickLok' 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 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 420) and 19.69" (500mm) (Type 421). Slots measure 1.75" (45mm) by 0.38" (10mm) and 1.17" (30mm) 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

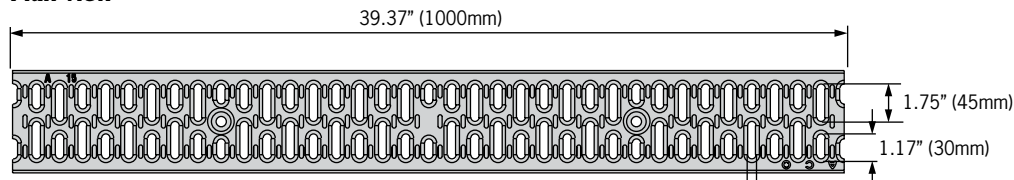
ACO DRAIN

Type 420Q/421Q Slotted galvanized steel grate

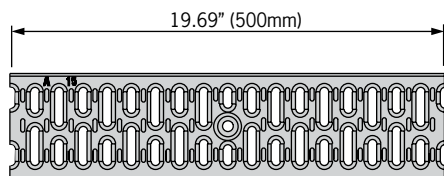
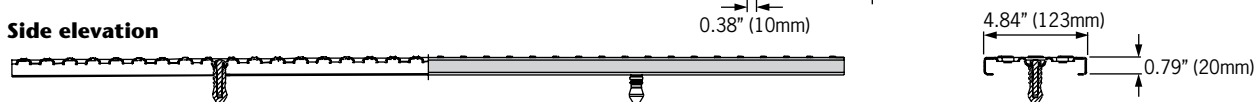


ACO Specification Information

Plan view

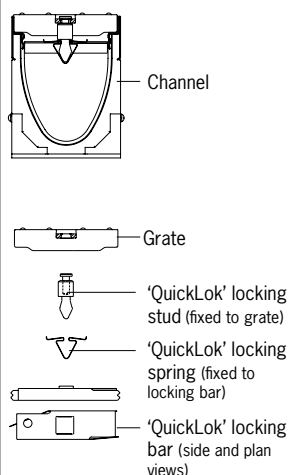


Side elevation



| Description | Part No. | Length inches (mm) | Width inches (mm) | Weight lbs. |
|------------------------------------|--------------|-----------------------|----------------------|----------------|
| QuickLok grates | | | | |
| Type 420Q Slotted galvanized grate | 31530 | 39.37 (1000) | 4.84 (123) | 5.9 |
| Type 421Q Slotted galvanized grate | 31531 | 19.69 (500) | 4.84 (123) | 3.0 |
| QuickLok locking bar | 02899 | - | - | 0.2 |
| QuickLok grate removal hook | 01318 | - | - | 0.6 |

'QuickLok' locking mechanism



ACO 'QuickLok' is a patented boltless locking system, grates are removed and replaced with the minimum time and effort for ease of maintenance. The unique design provides a positive 'snap down' fit into the locking bar. A stud is fixed to the grate which 'locks' into the spring clip in the locking bar.

The 'QuickLok' stud is made from stainless steel and high density nylon, the locking bar and clip are stainless steel, for use in both general purpose and corrosive environments.

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