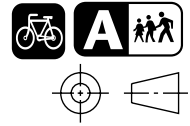


Type 420Q/421Q Slotted galvanized steel grate

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



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 Specification Information

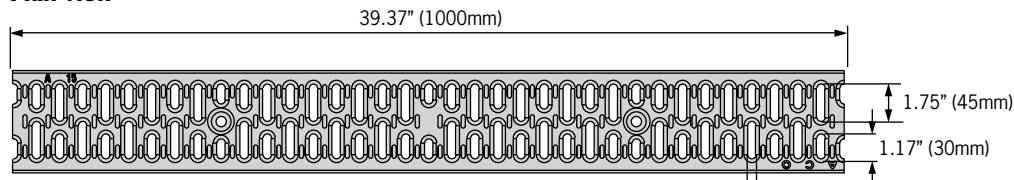
ACO DRAIN

Type 420Q/421Q Slotted galvanized steel grate

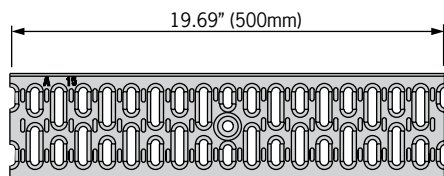
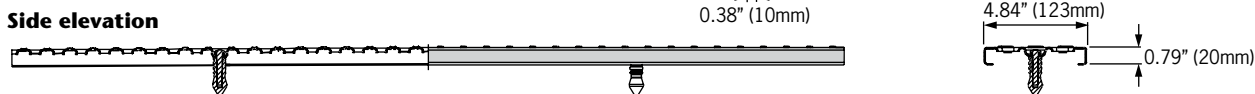


ACO Specification Information

Plan view

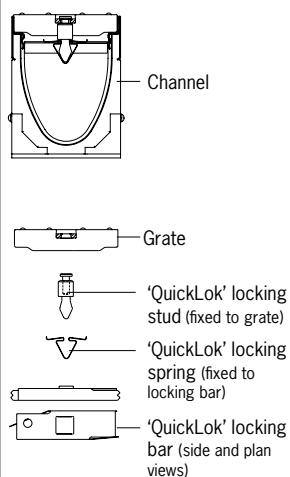


Side elevation



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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Aug 15/1

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