

Product Features

- Certified to EN 1433 Load Class B - 28,000 lbs - 581 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with K100, KS100, H100-8, H100-10, H100K-8, H100KS-8, and NW100 channels
- Manufactured from 16 gauge, Grade 304, stainless steel
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, H100-8, H100-10, H100K-8, H100KS-8, and NW100 channels* complete with ACO Type 447Q longitudinal stainless steel grate with 'QuickLok' locking as manufactured by ACO Polymer Products, 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 B to EN 1433 - 28,000 lbs - 581 psi**
- **16 gauge, Grade 304 stainless steel**
- **Intake area of 40.57 sq. in. (261.74 cm²) per half meter of grate/81.21 sq. in. (523.93 cm²) per meter of grate**

The overall width of 4.85" (123mm) and overall length of 39.37" (1000mm) (Type 447Q) and 19.69" (500mm) (Type 448Q). Slots measure at a maximum of 1.52" (39mm).

Installation

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

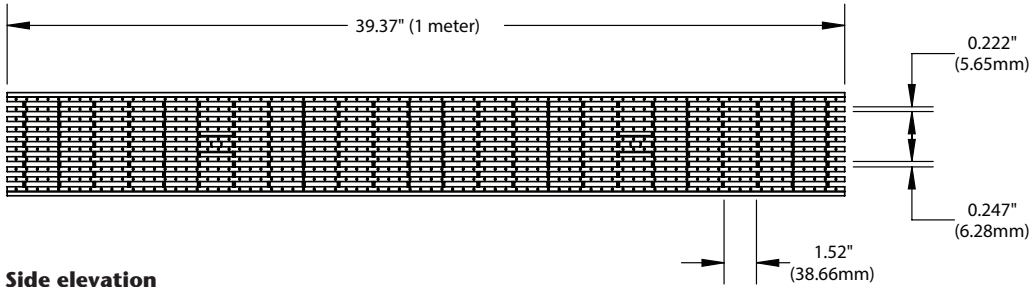
* delete as appropriate

ACO DRAIN

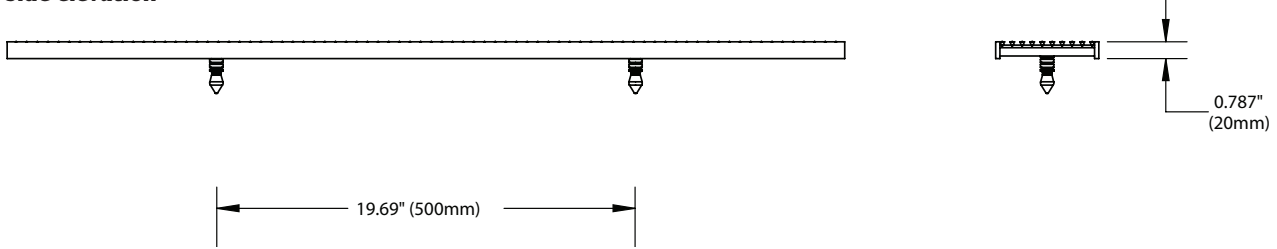
Type 447Q/448Q Longitudinal stainless steel grate



Plan view

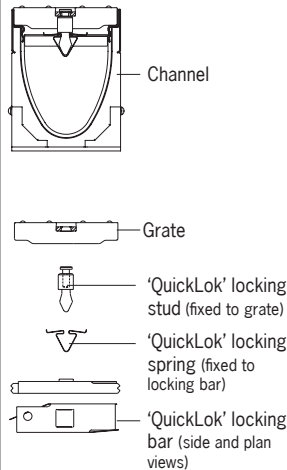


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
QuickLok grate				
Type 447Q Longitudinal stainless steel grate	98971	39.37 (1000)	4.85 (123)	8.0
Type 448Q Longitudinal stainless steel grate	98991	19.69 (500)	4.85 (123)	4.0
QuickLok locking bar	02899	-	-	0.5
QuickLok grate removal tool	01318	-	-	0.3

'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.

ACO Specification Information

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