

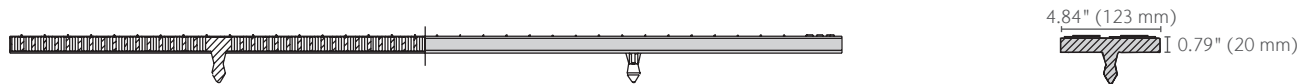
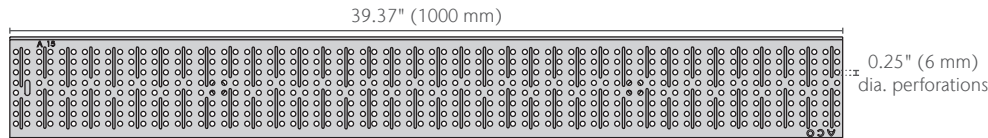
# ACO Drain® | KlassikDrain

## Type 410Q/412Q Perforated Galvanized Steel Grate Spec Sheet



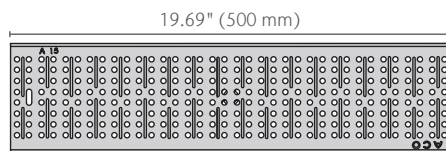
### Type 410Q Perforated Galvanized Steel Grate

part no. 98866



### Type 412Q Perforated Galvanized Steel Grate

part no. 98879



| Product Name                                | Part No.     | Length in (mm) | Width in (mm) | Weight lbs |
|---|--------------|----------------|---------------|------------|
| Type 410Q Perforated Galvanized Steel Grate | <b>98866</b> | 39.37 (1000)   | 4.84 (123)    | 6.3        |
| Type 412Q Perforated Galvanized Steel Grate | <b>98879</b> | 19.69 (500)    | 4.84 (123)    | 3.2        |
| QuickLok® Locking Bar                       | <b>02899</b> | -              | -             | 0.2        |
| QuickLok® Grate Removal Hook                | <b>01318</b> | -              | -             | 0.6        |

# Type 410Q/412Q Perforated Galvanized Steel Grate Spec Sheet

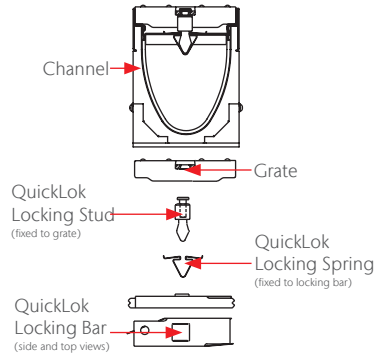


## QuickLok® Locking Mechanism

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 of ACO QuickLok includes a locking stud fixed into the grate which clips into a locking bar.

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



## Specification Summary

### General

The surface drainage system shall be ACO Drain K100, KS100, H100-8, H100-10, or H100K-8 channels complete with ACO Type 410Q/412Q Perforated Galvanized Steel grate with QuickLok locking as manufactured by ACO, Inc. or similar approved.

### Installation

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

### Materials

The covers shall be manufactured from galvanized steel and have minimum properties as follows:

- 16 gauge galvanized steel
- Intake area of 14.1 in<sup>2</sup> (91.0 cm<sup>2</sup>) per half meter of grate

Type 410Q has a width of 4.84" (123 mm) and length of 39.37" (1000 mm).  
Type 412Q has a width of 4.84" (123 mm) and length of 19.69" (500 mm).  
Perforations measure 0.25" (6 mm) in diameter.



Australian Standard AS 3996 - 2006 Clause 3.3.6: max slot length dependent on slot width for grates that are deemed Bicycle Tire Penetration Resistant.



ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3



ASME: A112.6.3 : Section 7.12 Heel-resistant Strainers & Grates grate hole size ≤ 0.31" (8 mm)



ACO Heel-safe standard: grate hole size ≤ 0.25" (6.5 mm)

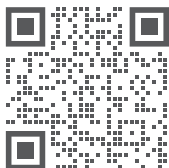


EN1433 Load Class A  
3,372 lbs – 70 psi

## ACO, Inc.

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