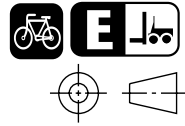


**Type 490Q/493Q slotted stainless steel grate**



**Product Features**

- Certified to EN 1433 Load Class E - 135,000 lbs - 2,788 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with KS100, C100, H100-8, H100-10, H100K-8, and H100KS-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

**Specifications**

*General*  
 The surface drainage system shall be ACO Drain KS100, C100, H100-8, H100-10, H100K-8, and H100KS-8 channels\* complete with ACO Type 490Q/493Q slotted 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 E to EN 1433 - 135,000 lbs - 2,788 psi**
- **16 gauge, Grade 304 stainless 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 490) and 19.69" (500mm) (Type 493). 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

Supplied By:



877-903-7246

www.trenchdrainsupply.com



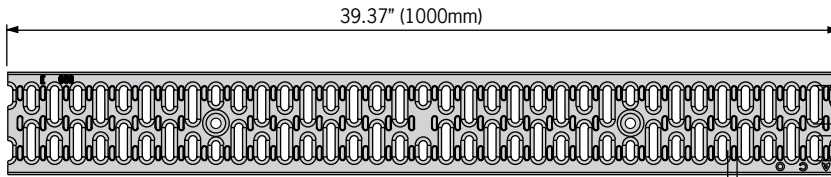
# ACO DRAIN

## Type 490Q/493Q Slotted stainless steel grate

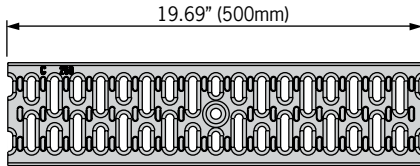
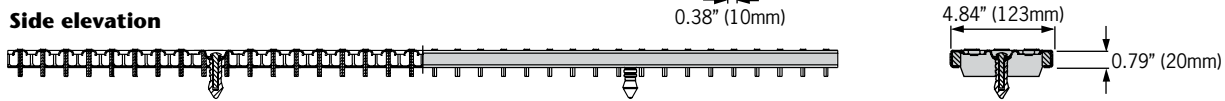


ACO Specification Information

**Plan view**

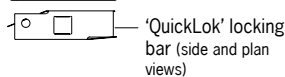
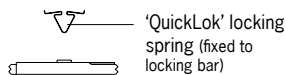
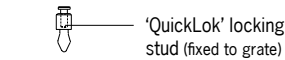
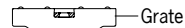
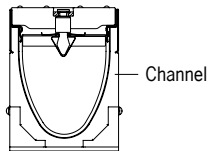


**Side elevation**



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>QuickLok grates</b>				
Type 490Q Slotted stainless grate	<b>31650</b>	39.37 (1000)	4.84 (123)	13.4
Type 493Q Slotted stainless grate	<b>31651</b>	19.69 (500)	4.84 (123)	6.8
QuickLok locking bar	<b>02899</b>	-	-	0.2
QuickLok grate removal hook	<b>01318</b>	-	-	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.

Supplied By:

**TRENCH DRAIN SUPPLY**  
877-903-7246  
www.trenchdrainsupply.com

#### ACO Polymer Products, Inc.

##### Northeast Sales Office

P.O. Box 245  
Chardon, OH 44024  
Tel: (440) 285-7000  
Toll free: (800) 543-4764  
Fax: (440) 285-7005

##### West Sales Office

P.O. Box 12067  
Casa Grande, AZ 85130  
Tel: (520) 421-9988  
Toll Free: (888) 490-9552  
Fax: (520) 421-9899

##### Southeast Sales Office

4211 Pleasant Road  
Fort Mill, SC 29708  
Toll free: (800) 543-4764  
Fax: (803) 802-1063

#### Follow us on



#### Electronic Contact:

info@ACODrain.us  
www.ACODrain.us



© April 10, 2013 ACO Polymer Products, Inc. This information is believed to be accurate but it is not guaranteed to be so. We cannot assume liability for results that buyer obtains with our product since conditions of use are beyond the control of the company. It is the customer's responsibility to evaluate suitability and safety of product for his own use. ACO Polymer Products Inc. reserves the right to change the product and specifications without notice.