

## Slotted Steel Grate



### Slotted galvanized steel grate

#### Product Features

- Certified to DIN 19580 Load Class A - 3,500 lbs - 70 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with System 4000 or System 6100 channels
- Manufactured from 16 gage, galvanized steel
- Bicycle Tire Penetration Resistant to AS3996-2006



#### Specifications

##### General

The surface drainage system shall be ACO Sport System 4000 or System 6100 channels\* complete with ACO slotted galvanized steel grate with 'QuickLok' locking as manufactured by ACO, 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 DIN 19580 - 3,500 lbs - 70 psi**
- **16 gage galvanized 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) and 19.69" (500mm). 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.

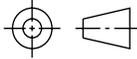
\* delete as appropriate

ACO Specification Information

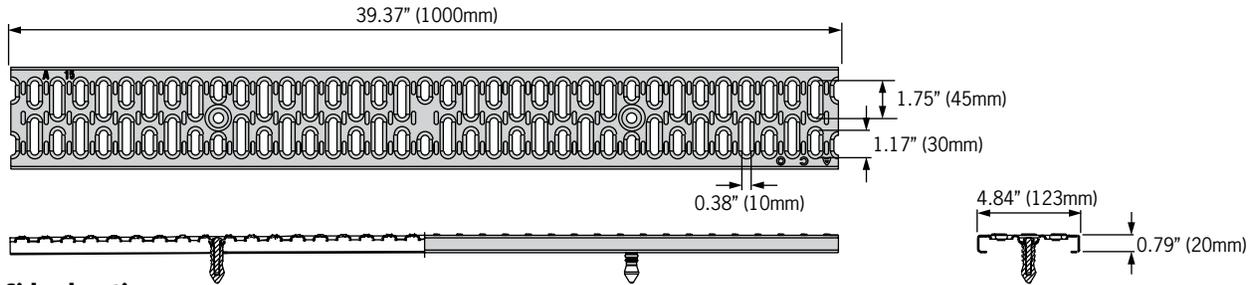


# ACO SPORT

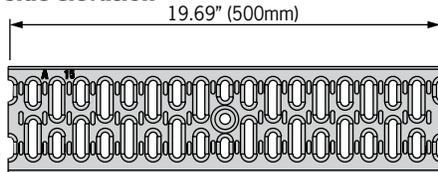
## Slotted galvanized steel grate details



**Plan view**

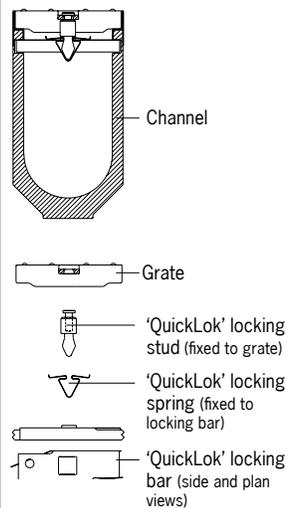


**Side elevation**



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>QuickLok grates</b>				
Slotted galvanized steel grate	<b>31530</b>	39.37 (1000)	4.84 (123)	5.9
Slotted galvanized steel grate	<b>31531</b>	19.69 (500)	4.84 (123)	3.0
QuickLok locking bar	<b>02899</b>	-	-	0.2
QuickLok grate removal hook	<b>01319</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.

**ACO, Inc.**

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