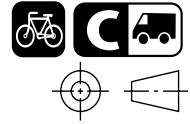
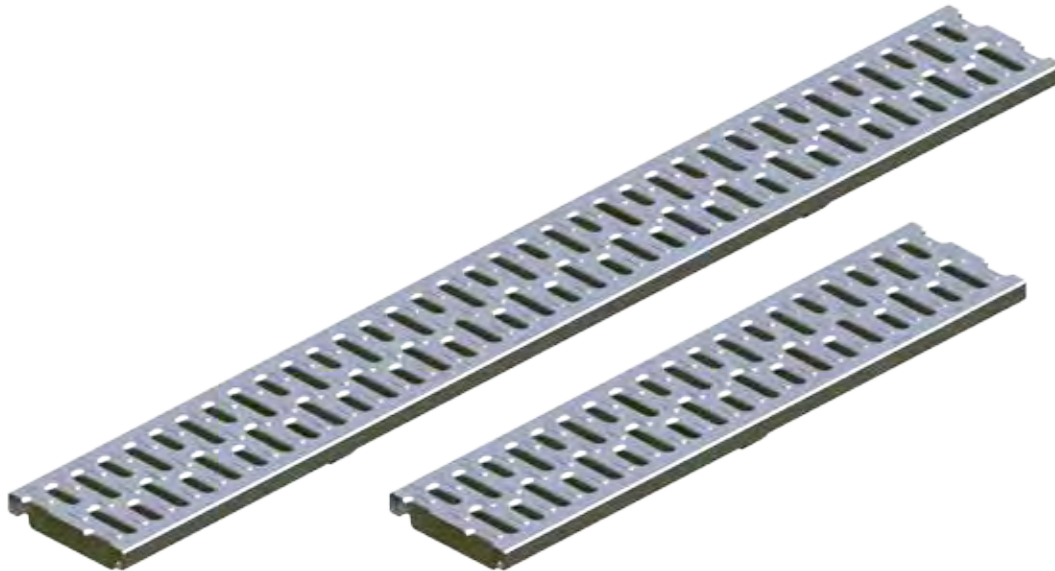


**Type 455D/457D Slotted stainless steel grate**



**Product Features**

- Certified to EN 1433 Load Class C - 56,000 lbs - 1,162 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, 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 K100, KS100, H100-8, H100-10, H100K-8, and H100KS-8 channels\* complete with ACO Type 455D/457D slotted stainless steel grate with 'DrainLok' 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 C to EN 1433 - 56,000 lbs - 1,162 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 455D) and 19.69" (500mm) (Type 457D). Slots measure 1.46" (37.08mm) by 0.38" (9.65mm).

*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 455D/457D Slotted stainless steel grate

Plan view

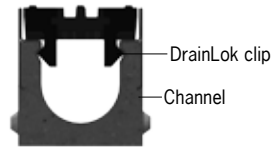


ACO Specification Information

Side elevation

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grates</b> Type 455D slotted stainless steel grate	<b>12644</b>	39.37 (1000)	4.84 (123)	8.8
Type 457D slotted stainless steel grate	<b>12645</b>	19.69 (500)	4.84 (123)	4.4

### 'DrainLok' locking mechanism



ACO DrainLok™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLok™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLok™ grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

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August 2016

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