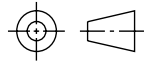
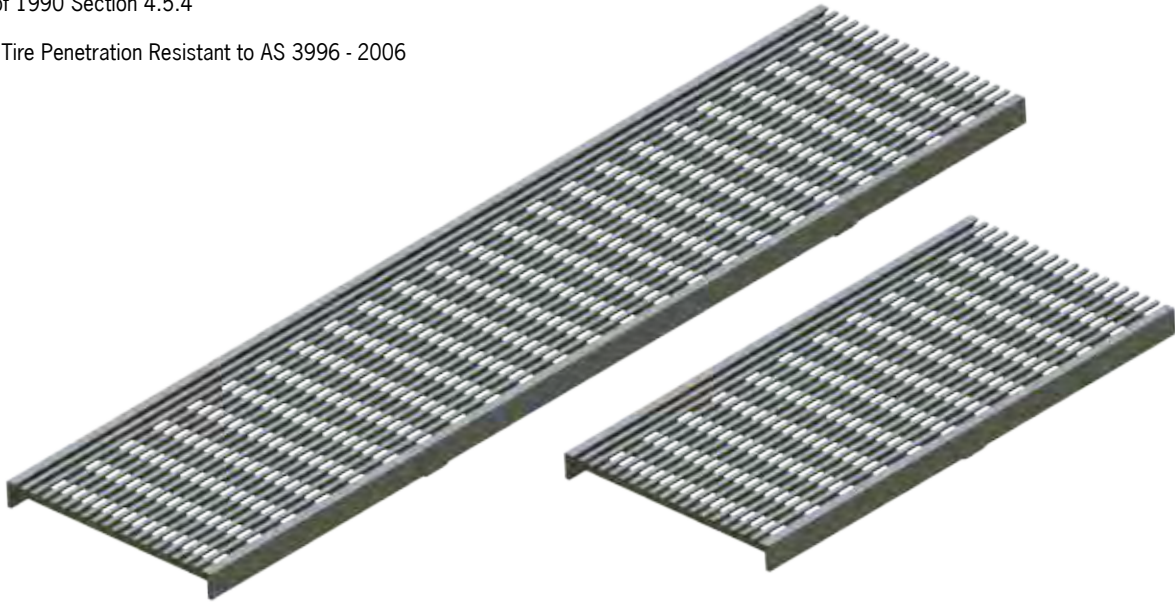


**Type 647D/648D Longitudinal stainless steel grate (ADA)**



**Product Features**

- Certified to EN 1433 Load Class B - 28,000 lbs - 483 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K200, KS200, H200K-13, and H200KS-13 channels
- Manufactured from 16 gauge, grade 304
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



ACO Specification Information

**Specifications**

**General**

The surface drainage system shall be ACO Drain K200, KS200, H200K-13, and H200KS-13, channels\* complete with ACO Type 647D/648D longitudinal stainless steel grate (ADA) 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 B to EN 1433 - 28,000 lbs - 483 psi**
- **16 gauge, Grade 304 stainless steel**
- **Intake area of 89.1 sq. in. (574.84 cm<sup>2</sup>) per half meter**

The overall width of 9.37" (238mm) and overall length of 39.37" (1000mm) (Type 647D) and overall length of 19.69" (500mm) (Type 648D). Slots measure at a 1.61" (40.89mm) by 0.24" (6.09mm).

**Installation**

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

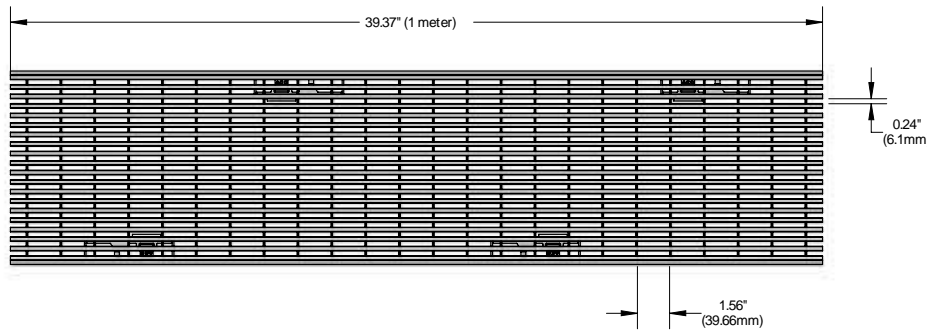
\* delete as appropriate

# ACO DRAIN

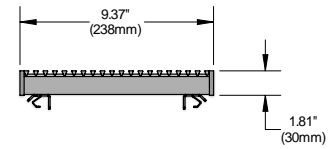
## Type 647D/648D Longitudinal stainless steel grate (ADA)



Plan view

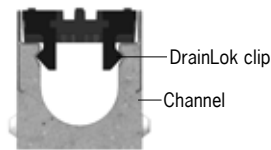


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grate</b>				
Type 647D Longitudinal stainless steel grate	<b>142219</b>	39.37 (1000)	9.37 (238)	17.7
Type 648D Longitudinal stainless steel grate	<b>142220</b>	19.69 (500)	9.37 (238)	9.0

### '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.

ACO Specification Information

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