

Type 451D/453D Perforated stainless steel grate (ADA)

Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Patented reinforcement underneath designed to prevent bowing and collapse
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General
 The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 451D/453D Perforated stainless steel grate with 'DrainLok' locking as manufactured by ACO, 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 A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge, grade 304 stainless steel**
- **Intake area of 14.1 sq. in. (91.0 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 451D) and 19.69" (500mm) (Type 453D). Perforations measure 0.25" (6.35mm) in diameter.

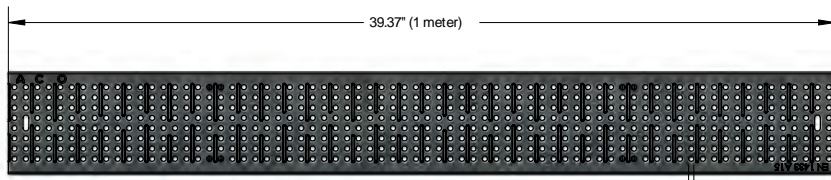
Installation
 The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

* delete as appropriate

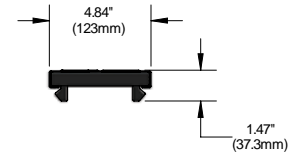
ACO DRAIN

Type 451D/453D Perforated stainless steel grate (ADA)

Plan view

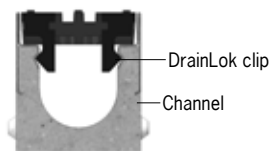


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 451D Perforated stainless steel grate	12664	39.37 (1000)	4.84 (123)	6.3
Type 453D Perforated stainless steel grate	12665	19.69 (500)	4.84 (123)	3.2

'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, Inc.
Northeast Sales Office
 9470 Pinecone Drive
 Mentor, OH 44060
 Tel: (440) 639-7230
 Toll free: (800) 543-4764
 Fax: (440) 639-7235

West Sales Office
 825 W. Beechcraft St.
 Casa Grande, AZ 85122
 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 2018, ACO, 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, Inc. reserves the right to change the product and specifications without notice.