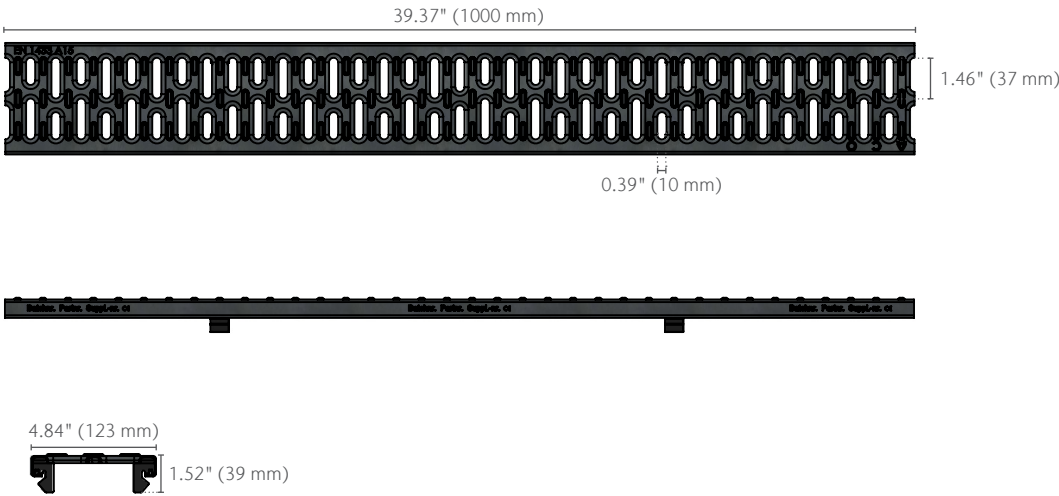


Type 450D/452D Slotted Stainless Steel Grate Spec Sheet



Type 450D Slotted Stainless Steel Grate  
*part no. 12640*



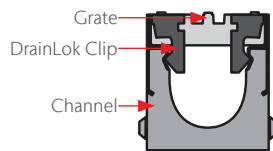
| Product Name                            | Part No. | Length in (mm) | Width in (mm) | Weight lbs |
|-----------------------------------------|----------|----------------|---------------|------------|
| Type 450D Slotted Stainless Steel Grate | 12640    | 39.37 (1000)   | 4.84 (123)    | 5.9        |
| Type 452D Slotted Stainless Steel Grate | 12641    | 19.69 (500)    | 4.84 (123)    | 3.0        |

## Type 450D/452D Slotted Stainless Steel Grate Spec Sheet



## DrainLok Locking Mechanism

ACO DrainLok is a patented, boltless locking system that removes the need for bolts and bars while improving the hydraulic capacity of the channel. DrainLok Clips lock into the channel's 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.



## Specification Summary

## General

The surface drainage system shall be ACO Drain K100, KS100, or H100K-8 channels, complete with ACO Type 450D/452D Slotted Stainless Steel grate with DrainLok locking as manufactured by ACO, Inc. or similar approved.

## Installation

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

## Materials

The covers shall be manufactured from stainless steel and have minimum properties as follows:

- 16 gauge, Grade 304 stainless steel
- Intake area of 17.6 in<sup>2</sup> (113.5 cm<sup>2</sup>) per half meter of grate

Type 450D has a width of 4.84" (123 mm) and length of 39.37" (1000 mm).  
Type 452D has a width of 4.84" (123 mm) and length of 19.69" (500 mm).  
Slots measure at a maximum of 1.46" (37 mm) by 0.38" (10 mm).



Slip-resistant:  
BPN > 24 based on Pendulum Test



Australian Standard AS 3996 - 2006 Clause 3.3.6:  
max slot length dependent on slot width for grates  
that are deemed Bicycle Tire Penetration Resistant.

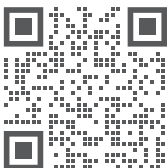


EN1433 Load Class A  
3,372 lbs – 70 psi

## ACO, Inc.

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All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to change products and specifications without notice.



info@acousa.com  
www.acousa.com

