

Product Features

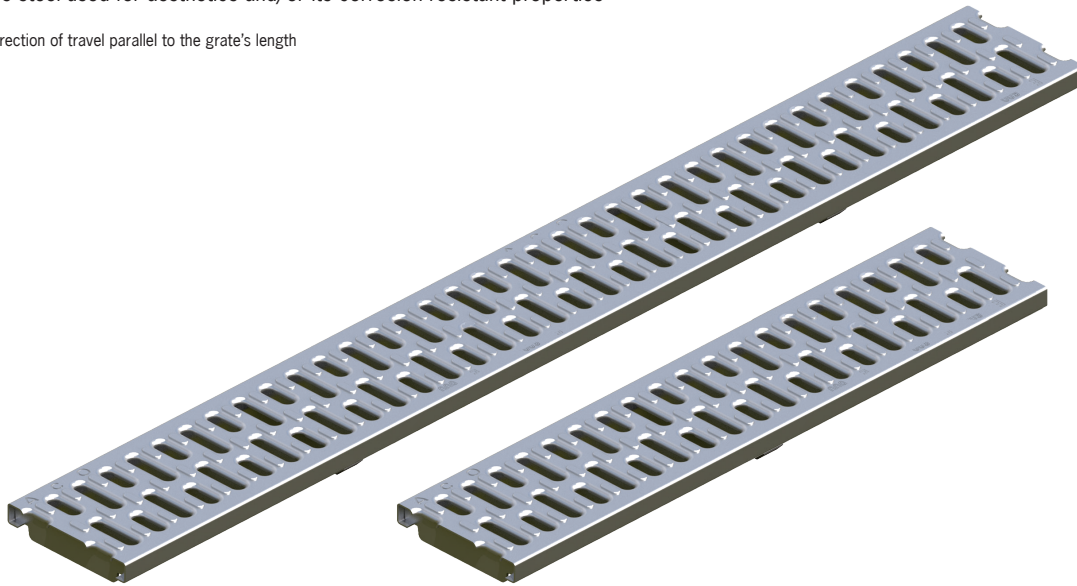
A Certified to EN 1433 Load Class A 15(kN) which is similar to AS 3996 Load Class A (10kN) (NATA endorsed load test reports available)

♿ AS 1428.1 (Clause 4.4b)¹ compliant for wheelchair and walking cane safety

🚲 AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance

- **DrainLok** barless and boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from either galvanised steel or Grade 304 stainless steel (pictured)
- Galvanised steel for use in general purpose applications
- Stainless steel used for aesthetics and/or its corrosion resistant properties

¹ Dominant direction of travel parallel to the grate's length



Specifications

The grate shall be ACO Type 420D/450D* Galvanised/Stainless* Slotted grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 420D/450D*) and 500mm (Type 421D/452D*). Slot widths measure at a maximum of 10mm.

Materials & Design

The grate shall be manufactured from galvanised/stainless* steel and have **minimum** properties and characteristics as follows:

- Manufactured from galvanised/Grade 304 stainless* steel
- Certified to EN 1433 Load Class A 15(kN)¹ which is similar to AS 3996 Load Class A (10kN)
- Meets AS 1428.1 (Clause 4.4b)²; AS 3996 (Clause 3.3.7)
- Intake area of 24,380mm² per metre of grate/12,190mm² per half metre of grate

¹ NATA endorsed test reports available

² Dominant direction of travel parallel to the grate's length

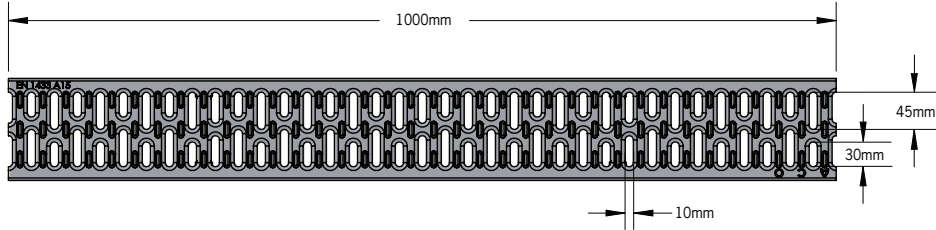
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/product-support> * delete as appropriate

ACO DRAIN®

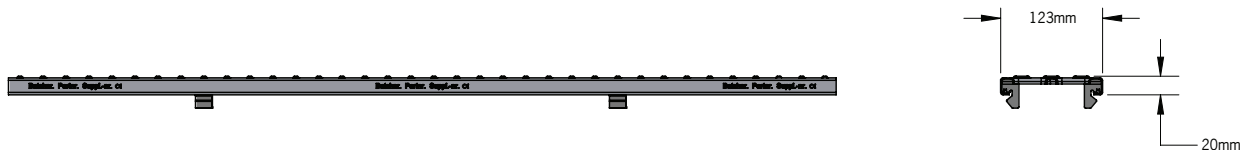
Type 420D/421D/450D/452D Steel Slotted grate



Plan view

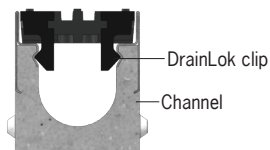


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
DrainLok grate				
Type 420D Galvanised Slotted	12610	1000	123	2.7
Type 421D Galvanised Slotted	12611	500	123	1.4
Type 450D Stainless Slotted	12640	1000	123	2.7
Type 452D Stainless Slotted	12641	500	123	1.4
Grate removal tool	01318	-	-	0.1

'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 Pty Ltd
Australia
Ph: 1300 765 226
www.acodrain.com.au
sales@acoaus.com.au

ACO Limited
New Zealand
Ph: 0800 448 080
www.acodrain.co.nz
sales@aconz.co.nz



© January 2022 ACO Pty Ltd. 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 are suitable. ACO Pty Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.