


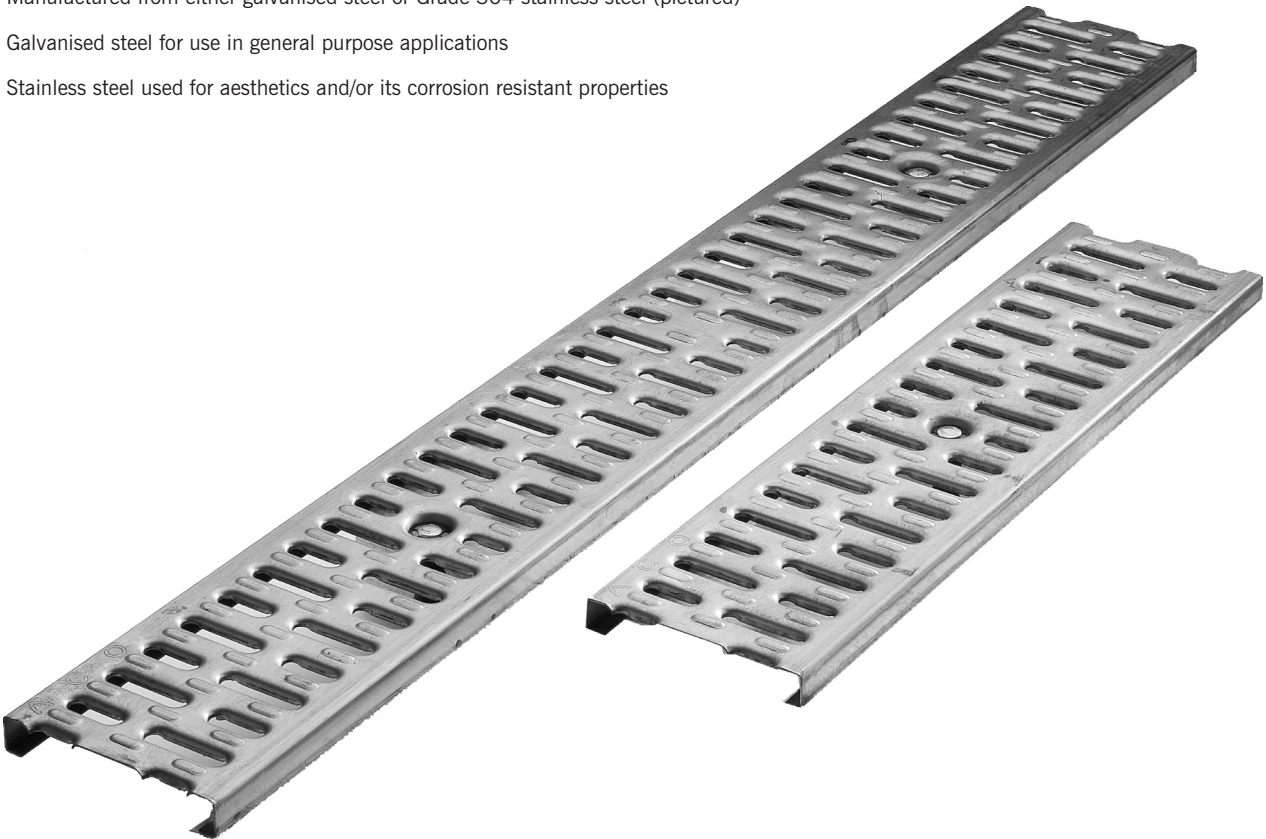


**Product Features**

-  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 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety
-  AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance
- **QuickLok** 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



**Specifications**

The grate shall be ACO Type 420Q/450Q\* Galvanised/Stainless\* Slotted grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 420Q/450Q\*) and 500mm (Type 421Q/452Q\*). 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)<sup>1</sup> which is similar to AS 3996 Load Class A (10kN)
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.6)
- Intake area of 24,380mm<sup>2</sup> per metre of grate/12,190mm<sup>2</sup> per half metre of grate

<sup>1</sup> NATA endorsed test reports available

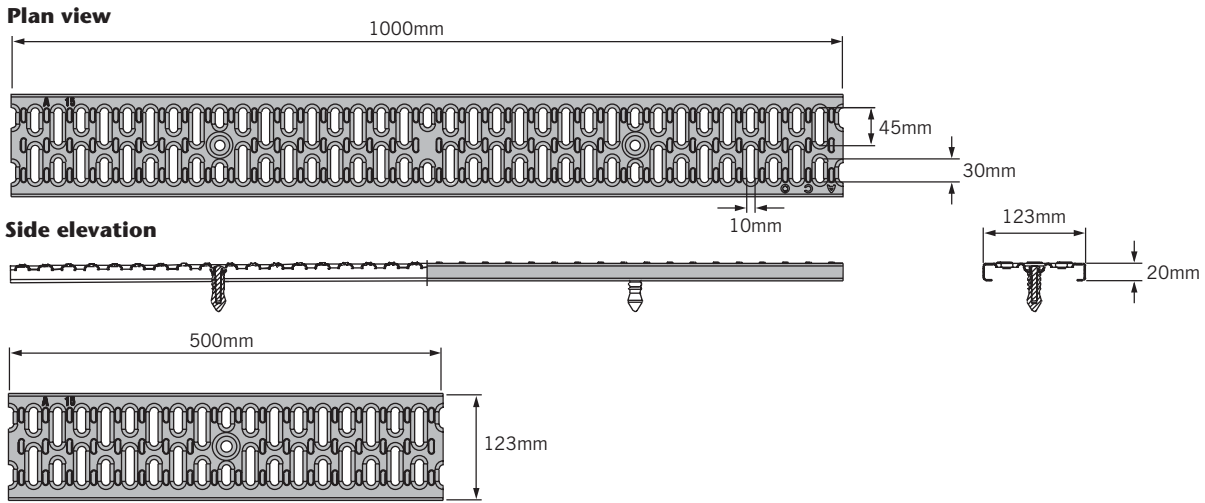
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/resource>

\* delete as appropriate

ACO Specification Information

**ACO DRAIN®**

**Type 420Q/421Q/450Q/452Q Steel Slotted grate**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>QuickLok grate</b>				
Type 420Q Galvanised Slotted	<b>31530</b>	1000	123	2.7
Type 421Q Galvanised Slotted	<b>31531</b>	500	123	1.4
Type 450Q Stainless Slotted	<b>31630</b>	1000	123	2.7
Type 452Q Stainless Slotted	<b>31631</b>	500	123	1.4
<b>QuickLok locking bar</b>	<b>02899</b>	-	-	0.1
Grate removal tool	<b>01318</b>	-	-	0.1

**QuickLok locking mechanism**

ACO **QuickLok** is a patented boltless locking system, grates are removed and replaced with the minimum time and effort for ease of maintenance. The unique design provides a positive 'snap down' fit into the locking bar. A spigot is fixed to the grate which 'locks' into the spring in the locking bar.

The **QuickLok** spigot is manufactured from stainless steel and high density nylon, the locking bar and spring are stainless steel, for use in both general purpose and corrosive environments.

- Channel
- Grate
- QuickLok** locking spigot (fixed to grate)
- QuickLok** locking spring (fixed to locking bar)
- QuickLok** locking bar (side and plan views)

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