

**Product Features**

-  Certified to AS 3996 Load Class D (210kN)  
(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 425Q/455Q\* 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 425Q/455Q\*) and 500mm (Type 426Q/457Q\*). 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 AS 3996 Load Class D (210kN)<sup>1</sup>
- 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

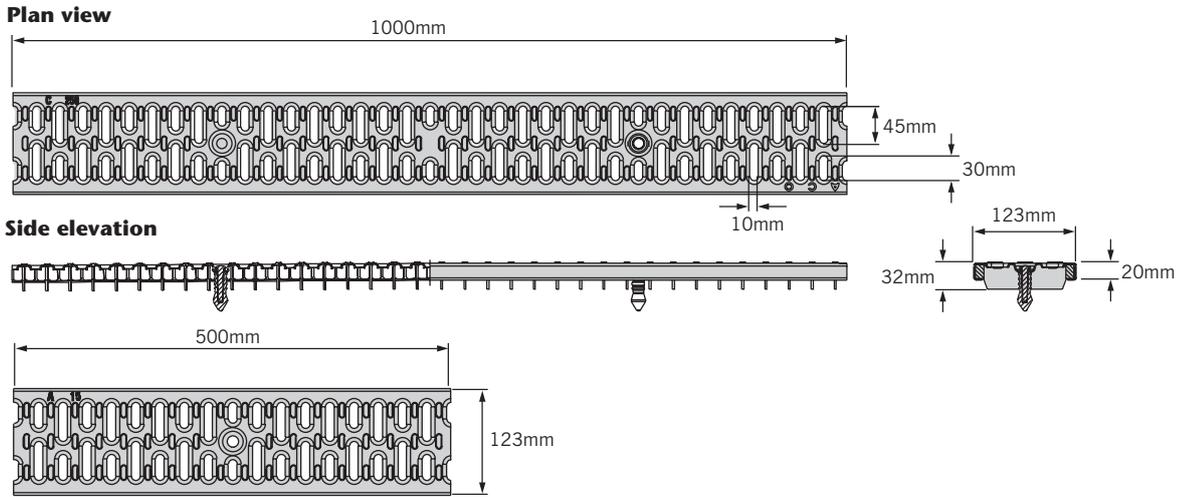
<sup>1</sup> NATA endorsed test reports available

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

\* delete as appropriate

**ACO DRAIN®**

**Type 425Q/426Q/455Q/457Q Steel Slotted grate**



| Description                  | Part No. | Length (mm) | Width (mm) | Weight (kg) |
|------------------------------|----------|-------------|------------|-------------|
| <b>QuickLok grate</b>        |          |             |            |             |
| Type 425Q Galvanised Slotted | 31540    | 1000        | 123        | 4.0         |
| Type 426Q Galvanised Slotted | 31541    | 500         | 123        | 2.0         |
| Type 455Q Stainless Slotted  | 31640    | 1000        | 123        | 4.0         |
| Type 457Q Stainless Slotted  | 31641    | 500         | 123        | 2.0         |
| <b>QuickLok locking bar</b>  | 02899    | -           | -          | 0.1         |
| Grate removal tool           | 01318    | -           | -          | 0.1         |

**QuickLok locking mechanism**

Channel

Grate

**QuickLok** locking spigot (fixed to grate)

**QuickLok** locking spring (fixed to locking bar)

**QuickLok** locking bar (side and plan views)

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.

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