

Product Features



Certified to AS 3996 Load Class D (210kN)
(NATA endorsed load test reports available)



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 with electropolish finish for aesthetics and/or its corrosion resistant properties



ACO Specification Information

Specifications

The grate shall be ACO Type 405Q/430Q* Galvanised/Stainless* Mesh grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 405Q/430Q*) and 500mm (Type 406Q/431Q*). Slot widths measure at a maximum of 13.5mm.

Materials & Design

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

- Manufactured from galvanised/electropolish Grade 304 stainless* steel
- Certified to AS 3996 Load Class D (210kN)¹
- Meets AS 3996 (Clause 3.3.6)
- Intake area of 81,700mm² per metre of grate/40,850mm² per half metre of grate

¹ NATA endorsed test reports available

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

*delete as appropriate

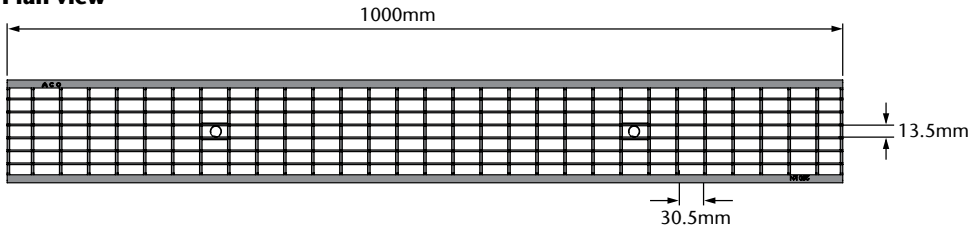


ACO DRAIN®

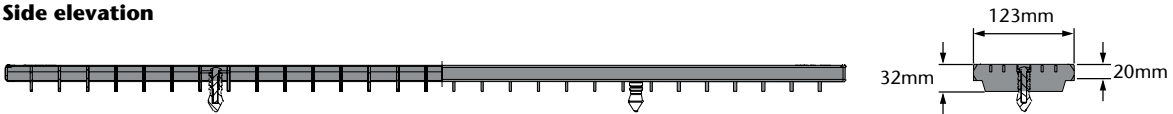
Type 405Q/406Q/430Q/431Q Steel Mesh grate



Plan view



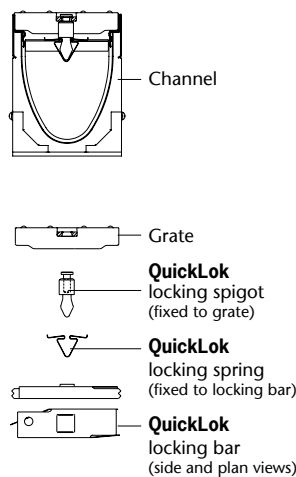
Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 405Q Galvanised Mesh	142401	1000	123	4.3
Type 406Q Galvanised Mesh	142402	500	123	2.2
Type 430Q Stainless Mesh	142403	1000	123	4.1
Type 431Q Stainless Mesh	142404	500	123	2.1
Grate removal tool	01318	-	-	0.1

Note: QuickLok bar/s included in grate Part Number.

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.

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