

**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

- Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
- **QuickLok** boltless locking system
- Suitable for use with K300, KS300, H300K, H300KS channels
- Manufactured from either galvanised steel or Grade 304 stainless steel
- Galvanised steel for use in general purpose applications (pictured)
- Stainless steel with electropolish finish for aesthetics and/or its corrosion resistant properties



**Specifications**

The grate shall be ACO Type 805Q/830Q\* Galvanised/Stainless\* Mesh grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 338mm and overall length of 500mm. Slot widths measure at a maximum of 17mm.

**Materials & Design**

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

- Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
- Manufactured from galvanised/electropolish Grade 304 stainless\* steel
- Certified to AS 3996 Load Class D (210kN)<sup>1</sup>
- Meets AS 3996 (Clause 3.3.6)
- Intake area of 110,910mm<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/resources>

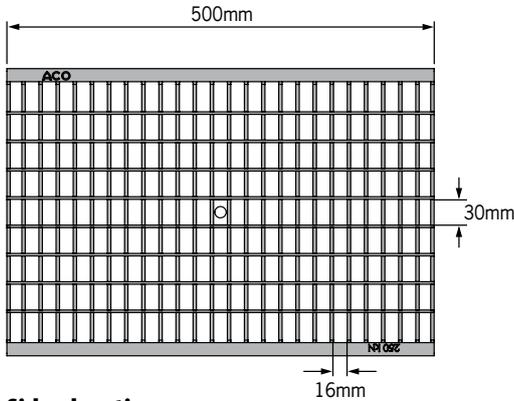
\*delete as appropriate

**ACO DRAIN®**

**Type 805Q/830Q Steel Mesh grate**



**Plan view**



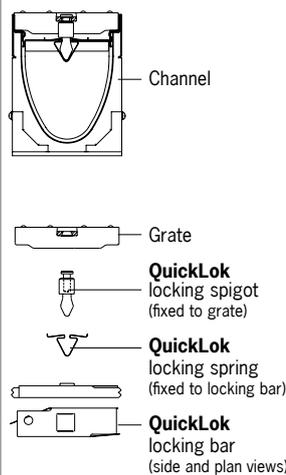
**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>QuickLok grate</b>				
Type 805Q Galvanised Mesh	<b>142409</b>	500	338	12.7
Type 830Q Stainless Mesh	<b>142410</b>	500	338	15.1
Grate removal tool	<b>01318</b>	-	-	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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