

Type 805Q/830Q Steel Mesh grate

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)¹
- Meets AS 3996 (Clause 3.3.6)
- Intake area of 110,910mm² 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>

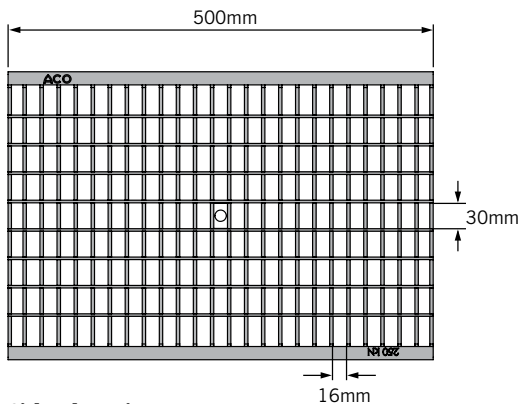
*delete as appropriate

ACO DRAIN®

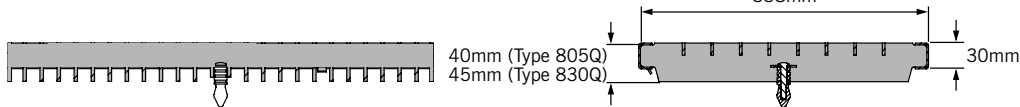
Type 805Q/830Q Steel Mesh grate



Plan view

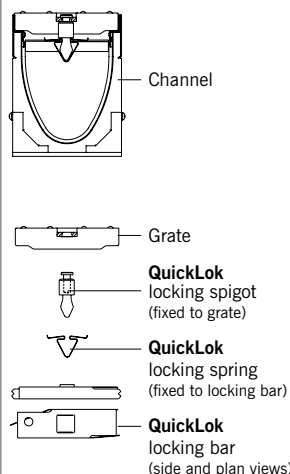


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 805Q Galvanised Mesh	141743	500	338	12.7
Type 830Q Stainless Mesh	141748	500	338	15.1
QuickLok locking bar	10458	-	-	0.1
Grate removal tool	01318	-	-	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.

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Specification
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SPEC INFO
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