

Type 461Q Iron Slotted grate

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 ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15



Specifications

The grate shall be ACO Type 461Q Iron Slotted grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 500mm. Slot widths measure at a maximum of 11mm.

Materials & Design

The grate shall be manufactured from ductile iron and have **minimum** properties and characteristics as follows:

- Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15
- Certified to AS 3996 Load Class D (210kN)¹
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.6)
- Intake area of 22,000mm² per half metre of grate

¹ NATA endorsed test reports available

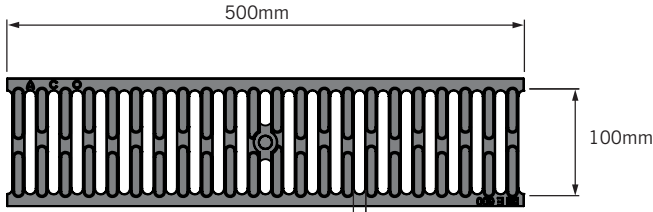
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/resources>

ACO DRAIN®

Type 461Q Iron Slotted grate



Plan view

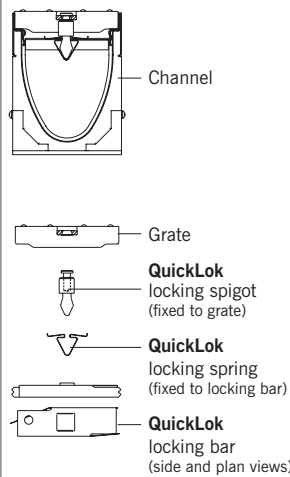


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 461Q Iron Slotted	141122	500	123	4.6
QuickLok locking bar	02899	-	-	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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