



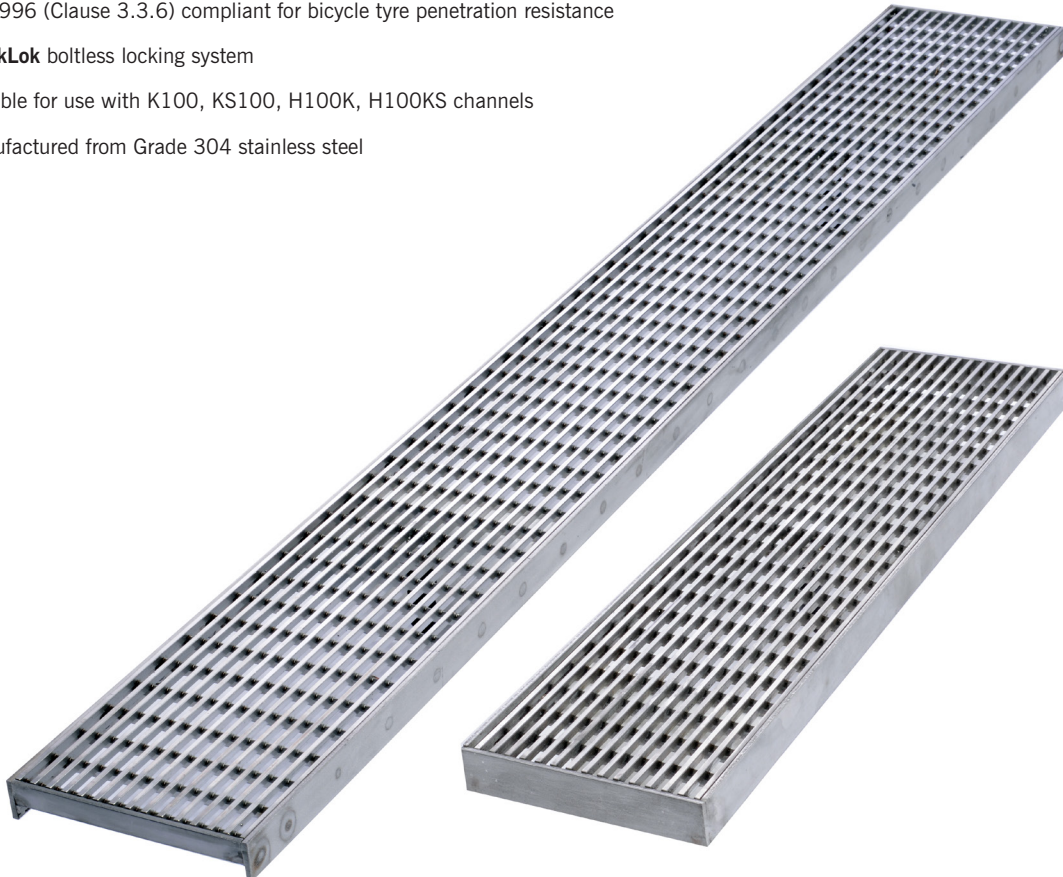


**Product Features**

-  Certified to AS 3996 Load Class A (10kN)  
(NATA endorsed load test reports available)
  -  AS 3996 (Clause 3.3.5) compliant for surface openings in pedestrian areas  
ASME A112.6.3 (Section 7.12) compliant - American high heel standard
  -  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 Grade 304 stainless steel



ACO Specification Information

**Specifications**

The grate shall be ACO Type 445Q Stainless Wedgewire Heelguard grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 445Q) and 500mm (Type 446Q). Slot widths measure at a maximum of 5mm.

**Materials & Design**

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

- Manufactured from Grade 304 stainless steel
- Certified to AS 3996 Load Class A (10kN)<sup>1</sup>
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.5 & 3.3.6); ASME A112.6.3 (Section 7.12)
- Intake area of 72,225mm<sup>2</sup> per metre of grate/35,895mm<sup>2</sup> per half metre of grate

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

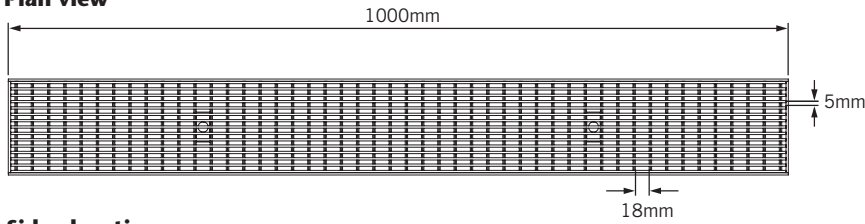
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/resources>

**ACO DRAIN®**

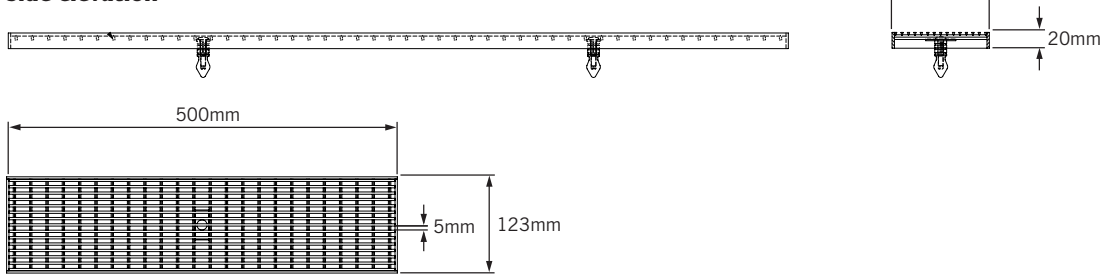
**Type 445Q/446Q Stainless Wedgewire Heelguard grate**



**Plan view**

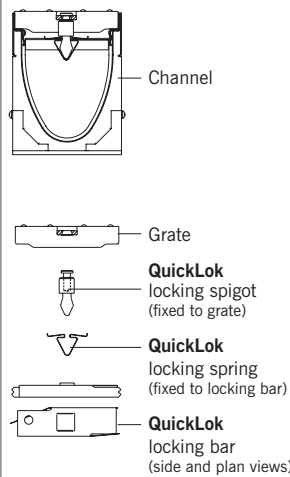


**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>QuickLok grate</b>				
Type 445Q Stainless Wedgewire Heelguard	141202	1000	123	2.5
Type 446Q Stainless Wedgewire Heelguard	141204	500	123	1.3
<b>QuickLok locking bar</b>	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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