

Product Features

- Certified to EN 1433 Load Class E - 135,000 lbs. - 2,323 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with K200, KS200, H200K-13, and H200KS-13 channels
- Manufactured from ductile iron to ASTM A 536-84 - Grade 65-45-12
- E- coated for improved resistance against rust



Specifications

General

The surface drainage system shall be ACO Drain K200, KS200, H200K-13, and H200KS-13 channels* complete with ACO Type 661Q ductile iron slotted grate with 'QuickLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

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

- **Independently certified to meet Load Class E to EN 1433 - 135,000 lbs - 2,323 psi**
- **Ductile iron to ASTM A 536-84 - Grade 65-45-12**
- **Intake area of 81.89 sq. in. (528.32 cm²) per half meter of grate**

The overall width of 9.37" (238mm) and overall length of 19.69" (500mm). Slots measure at a maximum of 3.75" (95mm).

Installation

The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

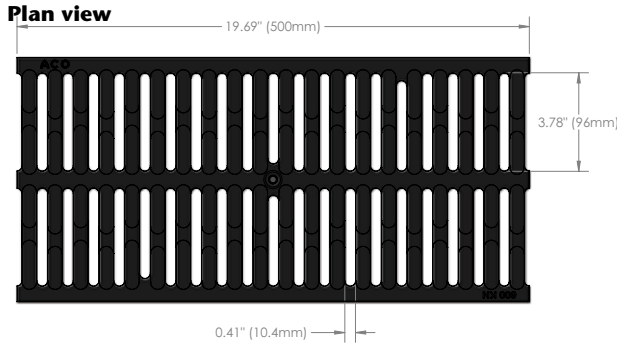
* delete as appropriate

ACO DRAIN

Type 661Q Ductile iron slotted grate



ACO Specification Information

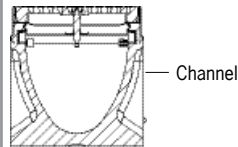


Side elevation

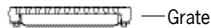


Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
QuickLok grate	10351	19.69 (500)	9.41 (239)	37.0
Type 661Q Ductile iron slotted grate	10457	-	-	0.5
QuickLok locking bar	01318	-	-	0.3
QuickLok grate removal tool				

'QuickLok' locking mechanism



Channel



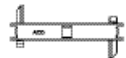
Grate



'QuickLok' locking stud (fixed to grate)



'QuickLok' locking spring (fixed to locking bar)



'QuickLok' locking bar (side and plan views)

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 stud is fixed to the grate which 'locks' into the spring clip in the locking bar.

The 'QuickLok' stud is made from stainless steel and high density nylon, the locking bar and clip are stainless steel, for use in both general purpose and corrosive environments.

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