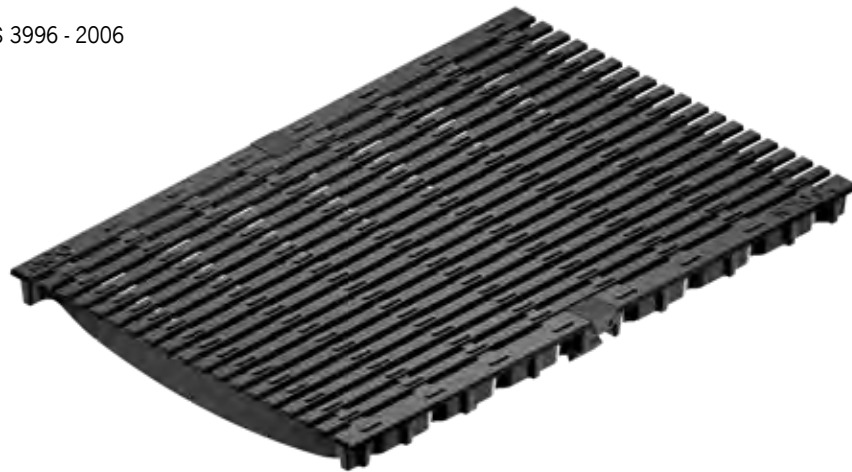


**Type 876D Longitudinal ductile iron grate (ADA)**



**Product Features**

- Certified to EN 1433 Load Class C - 56,000 lbs - 967 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K300, KS300, and H300K-13 channels and 621G, 621S, 631G, 631S catch basins
- Manufactured from ductile iron to ASTM A 536-84 - Grade 65-45-12
- E- coated for improved resistance against rust
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Complies with ASME: A112.6.3 - 2001: Section 7.12
- Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



**Specifications**

**General**

The surface drainage system shall be ACO Drain K300, KS300, and H300K-13, channels\* and 621G, 621S, 631G, and 631S catch basins complete with ACO Type 876D longitudinal ductile iron grate with 'DrainLok' locking as manufactured by ACO, 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 C to EN 1433 - 56,000 lbs - 967 psi**
- **Ductile iron to ASTM A 536-84 - Grade 65-45-12**
- **Intake area of 64.3 sq. in. (414.83 cm<sup>2</sup>) per half meter of grate**

The overall width of 13.31" (338mm) and overall length of 19.69" (500mm). Slots measure at 0.24" by 1.97".

**Installation**

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

\* delete as appropriate

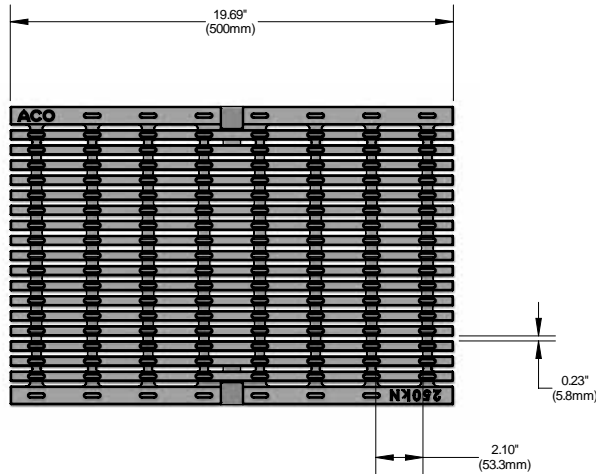
ACO Specification Information

# ACO DRAIN

## Type 876D Longitudinal ductile iron grate (ADA)



Plan view

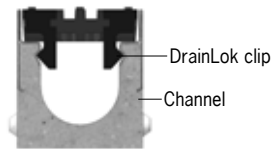


Side elevation



| Description  | Part No.     | Length<br>inches (mm) | Width<br>inches (mm) | Weight<br>lbs. |
|--|--------------|-----------------------|----------------------|----------------|
| <b>DrainLok grate</b><br>Type 876D Ductile iron longitudinal grate | <b>99588</b> | 19.69 (500)           | 13.31 (338)          | 35.0           |

### 'DrainLok' locking mechanism



ACO DrainLok™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLok™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLok™ grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

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