

Type 405D/406D Mesh galvanized steel grate (ADA)

Product Features

- Certified to EN 1433 Load Class C - 56,000 lbs - 1,162 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 13 gauge galvanized steel
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General
 The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 405D/406D Mesh galvanized steel grate with 'DrainLok' locking as manufactured by ACO, Inc. or similar approved.

Materials
 The covers shall be manufactured from galvanized steel and have **minimum** properties as follows:-

- **Independently certified to meet Load Class C to EN 1433 - 1,162 lbs - 70 psi**
- **13 gauge galvanized steel**
- **Intake area of 58.0 sq. in. (374.2 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 405D) and 19.69" (500mm)(Type 406D). Slots measure 1.20" x 0.50" in. diameter.

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

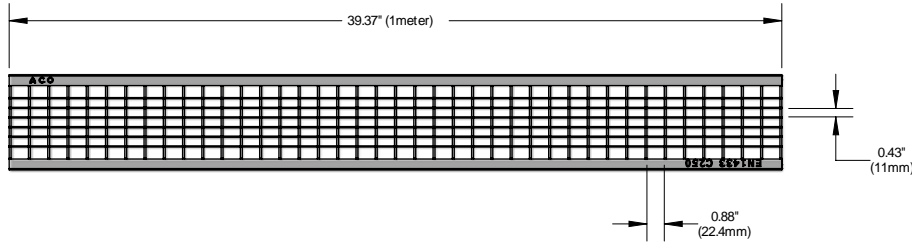
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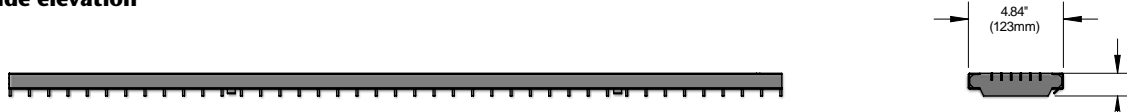
Type 405D/406D Perforated galvanized steel grate (ADA)



Plan view



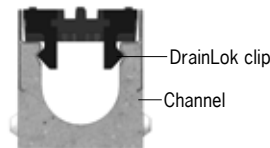
Side elevation



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 405D Mesh galvanized grate	132880	39.37 (1000)	4.84 (123)	7.8
Type 406D Mesh galvanized grate	132881	19.69 (500)	4.84 (123)	3.9

'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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