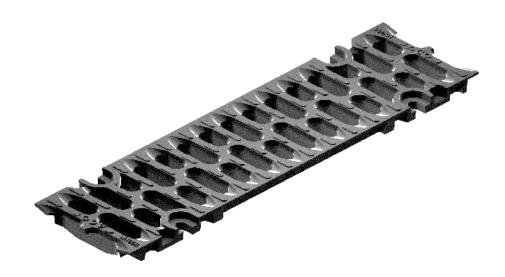
# S100K 4-Bolt ductile iron grate



#### **Product Features**

- Certified to EN 1433 Load Class F 200,000 lbs 4,177 psi
- · Uses '4-bolt' boltless locking system
- Suitable for use with S100K and H100SK-10 channels
- Manufactured from ductile iron to ASTM A 536-84 Grade 65-45-12
- Bicycle Tire Penetration Resistant to AS 3996 2006



## **Specifications**

#### Genera

The surface drainage system shall be ACO PowerDrain or SlabDrain, complete with ACO 4 Bolt iron grate with '4-bolt' 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 F to EN 1433 200,000 lbs 4,177psi
- Ductile iron to ASTM A 536-84 Grade 65-45-12
- Intake area of 36 sq. in. (232.25 cm²) per half meter of grate

The overall width of 4.85" (123mm) and overall length of 19.69" (500mm). Slots measure at 0.71"(18.03mm) by 1.81" (45.97mm).

#### Installation

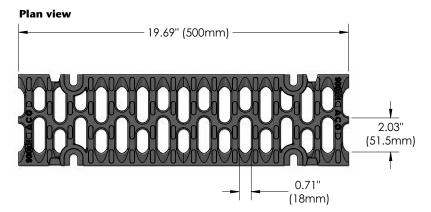
The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

\* delete as appropriate





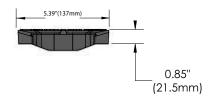
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#### **Side elevation**





Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>4-bolt grate</b> Type 4-bolt ductile iron grate	99590	19.69 (500)	4.85 (123.1)	10.8

## '4-Bolt' locking mechanism



ACO offers a 4-bolt locking solution for applications requiring more security. The four threaded stainless steel inserts in the PowerDrain channel body allow a 4-bolt grate to be bolted into the channel for ultimate stiffness and security. Tamper resistant bolts can also be used.

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