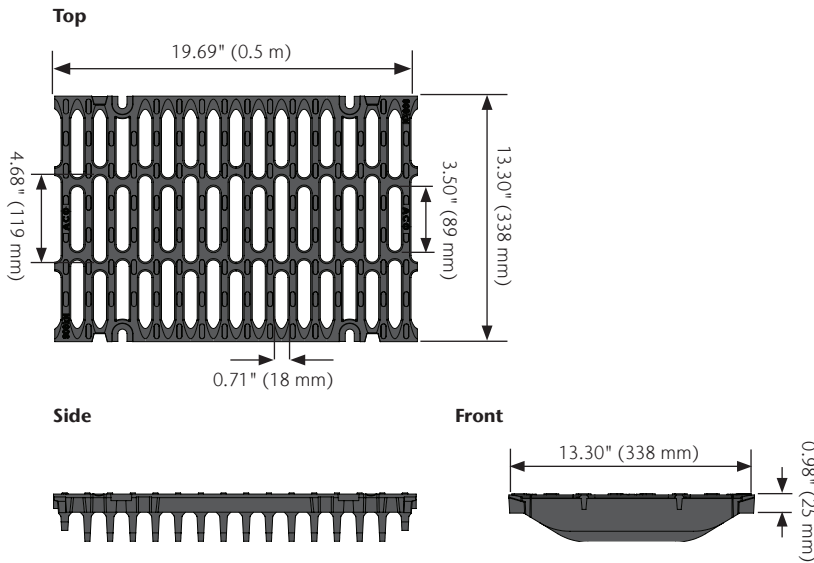
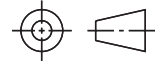
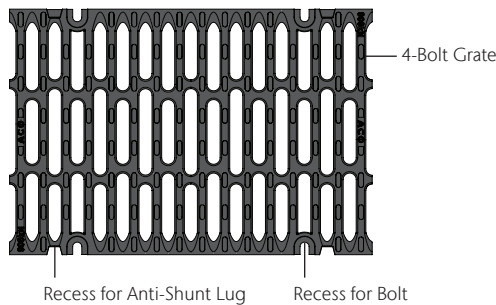


PowerDrain - S300K 4-Bolt Ductile Iron Slotted Grate



4-Bolt Locking Mechanism



Four threaded stainless steel inserts in PowerDrain channels allow 4-bolt grates to be bolted into the channel for ultimate stiffness and security. Tamper resistant bolts can also be used.

Product Features

- Certified to EN 1433 Load Class F - 202,328 lbs - 3,481 psi
- Uses 4-bolt locking system with M10 x 30 hex head bolts
- Suitable for use with S300K and H300SK-13 channels
- Manufactured from ductile iron to ASTM A536 - Grade 80-55-06
- Bicycle Tire Penetration Resistant to AS 3996 - 2006

Parts

	Part No.	Length in (mm)	Width in (mm)	Weight lbs
S300K 4-Bolt Ductile Iron Slotted Grate	99592	19.69 (500)	13.25 (336)	55.8

Specifications

General

The surface drainage system shall be ACO PowerDrain S300K or SlabDrain H300SK-13, complete with ACO S300K Ductile Iron Slotted Grate with 4-bolt locking as manufactured by ACO, Inc. or similar approved.

Materials

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

- Independently certified to meet Load Class F to EN 1433 - 202,328 lbs - 3,481 psi.
- Ductile iron to ASTM A536 - Grade 80-55-06.
- Intake area of 127.7 in² (824 cm²) per 0.5 m of grate.

The overall width of 13.30" (338 mm) and overall length of 19.69" (0.5 m). Slots measure at 0.71" (18 mm) by 4.68" (119 mm).

Grates

Grate is slotted ductile iron. Ductile iron ASTM A536 - Grade 80-55-06. After removal of the grates there shall be uninterrupted access to the trench to aid maintenance. Grates can be used for PowerDrain or SlabDrain.

Bolts

18-8 stainless steel, M10-1.5 x 30 hex flange bolts manufactured in the USA. Pull-out test results available upon request.

Installation

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



Bicycle-Safe

EN 1433 Load Class F
 202,328 lbs - 3,481 psi
 200,000 lb Proof Load

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ACO. creating the future of drainage



ACO Specification Information