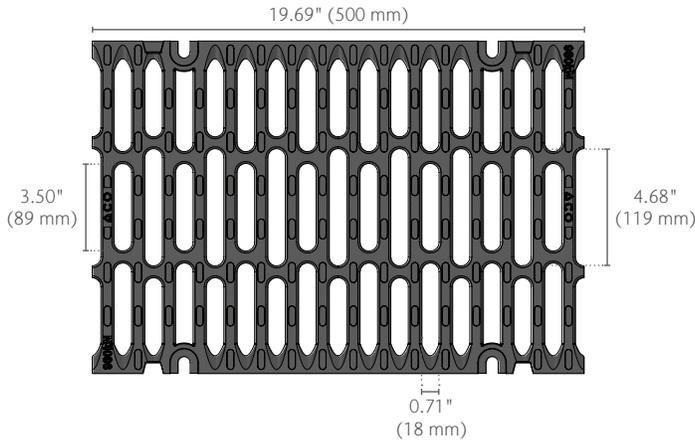


S300K 4-Bolt Ductile Iron Slotted Grate Spec Sheet



S300K 4-Bolt Ductile Iron Slotted Grate

part no. 99592



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

S300K 4-Bolt Ductile Iron Slotted Grate Spec Sheet



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.

Specification Summary

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.

Installation

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

Bolts

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

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.

Materials

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

- 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).



Australian Standard AS 3996 - 2006 Clause 3.3.6: max slot length dependent on slot width for grates that are deemed Bicycle Tire Penetration Resistant.



Slip-resistant: BPN > 24 based on Pendulum Test



EN1433 Load Class F
202,328 lbs – 4,177 psi

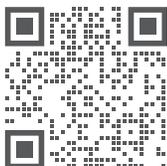


200,000 lb Proof Load

ACO, Inc.

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