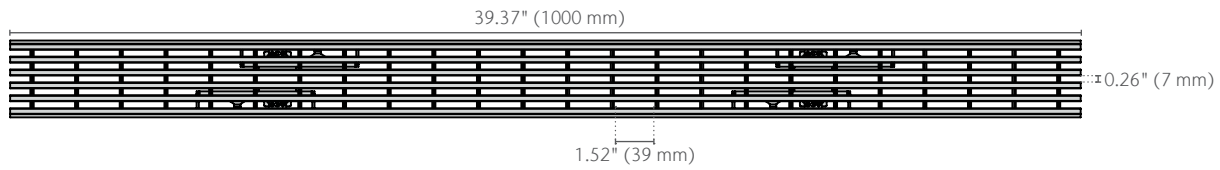


# Type 247D Stainless Steel Longitudinal Grate Spec Sheet



## Type 247D Stainless Steel Longitudinal Grate

part no. 142436



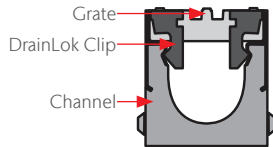
Product Name	Part No.	Length in (mm)	Width in (mm)	Weight lbs
Type 247D Stainless Steel Longitudinal Grate	142436	39.37 (1000)	2.89 (74)	5.9

# Type 247D Stainless Steel Longitudinal Grate Spec Sheet



## DrainLok Locking Mechanism

ACO DrainLok is a patented, boltless locking system that removes the need for bolts and bars while improving the hydraulic capacity of the channel. DrainLok Clips lock into the channel's 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.



## Specification Summary

### General

The surface drainage system shall be ACO Drain MiniKlassik KSS0 channels complete with ACO MiniKlassik Type 247D stainless steel longitudinal grate 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.

### Materials

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

- 14 gauge, grade 304 stainless steel
- Intake area of 48.2 in<sup>2</sup> (311 cm<sup>2</sup>) per meter grate

The overall width of 2.89" (74 mm) and overall length of 39.37" (1000 mm). Slots measure 1.52" (39 mm) by 0.26" (7 mm).



ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3



ASME: A112.6.3 : Section 7.12  
Heel-resistant Strainers & Grates  
grate hole size ≤ 0.31" (8 mm)



ACO Heel-safe standard:  
grate hole size ≤ 0.25" (6.5 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.

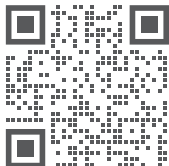


EN1433 Load Class B  
28,101 lbs – 580 psi

## ACO, Inc.

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