

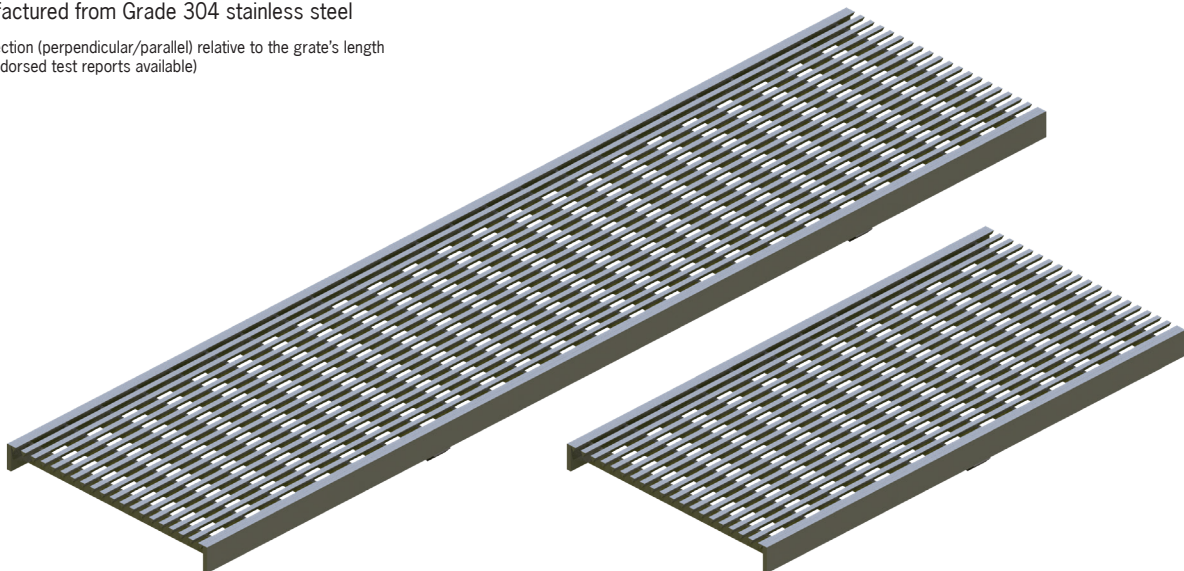


This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit [www.heelsafe.com.au](http://www.heelsafe.com.au)

**Product Features**

- B** Certified to AS 3996 Load Class B (80kN) (NATA endorsed load test reports available)
- AS 3996 (Clause 3.3.6) compliant for surface openings in pedestrian areas ASME A112.6.3 (Section 7.12) compliant - American high heel standard
- AS 4586: P4 – Slip resistance classification for Wet Pendulum Test  
AS 4586: C/C<sup>1</sup> - Slip resistance classification for Wet-Barefoot Inclining Platform Test  
AS 4586: R11/R11<sup>1</sup> - Slip resistance classification for Oil-Wet Inclining Platform Test
- AS 1428.1 (Clause 4.4c) compliant for wheelchair and walking cane safety
- AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance
- Discreet raised mechanical nodes for tread durability
- No end bars for visual continuity
- **DrainLok** barless and boltless locking system
- Suitable for use with K200, KS200, H200K, H200KS channels
- Manufactured from Grade 304 stainless steel

<sup>1</sup>. Test direction (perpendicular/parallel) relative to the grate's length (NATA endorsed test reports available)



**Specifications**

The grate shall be ACO Type 643D Stainless 5 Star Heelsafe® Anti-Slip grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 238mm and overall length of 1000mm (Type 643D) and 500mm (Type 644D). Slot widths measure at a maximum of 6mm.

**Materials & Design**

The grate shall be manufactured from stainless steel and have **minimum** properties and characteristics as follows:

- Raised mechanical nodes for tread durability
- No end bars for visual continuity
- Manufactured from Grade 304 stainless steel
- Certified to AS 3996 Load Class B (80kN)<sup>2</sup>
- AS 4586: P4 – Slip resistance classification for Wet Pendulum Test<sup>2</sup>
- AS 4586: C/C<sup>1</sup> - Slip resistance classification for Wet-Barefoot Inclining Platform Test<sup>2</sup>
- AS 4586: R11/R11<sup>1</sup> – Slip resistance classification for Oil-Wet Inclining Platform Test<sup>2</sup>
- Meets AS 1428.1 (Clause 4.4c); AS 3996 (Clause 3.3.6 & 3.3.7); ASME A112.6.3 (Section 7.12)
- Intake area of 114,950mm<sup>2</sup> per metre of grate/57,475mm<sup>2</sup> per half metre of grate

<sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length

<sup>2</sup> NATA endorsed test reports available

For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/product-support>

ACO Specification Information

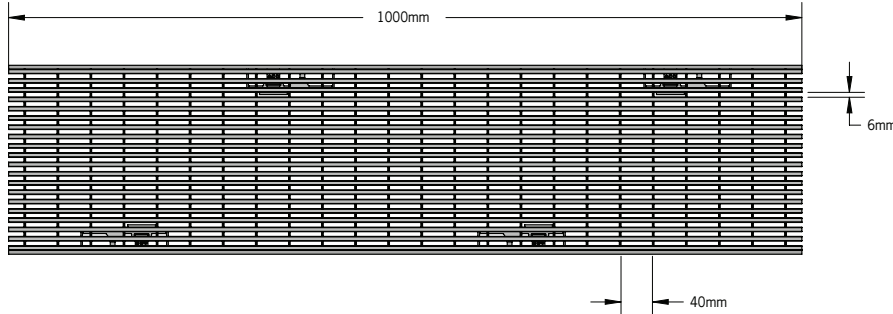


**ACO DRAIN®**

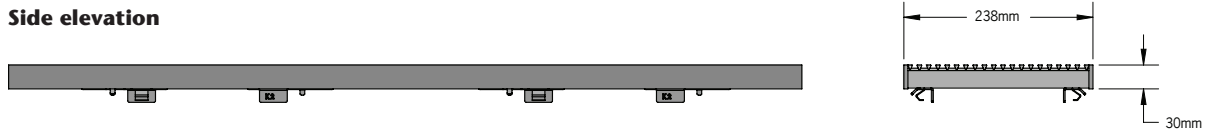
**Type 643D/644D Stainless 5 Star Heelsafe® Anti-Slip grate**



**Plan view**

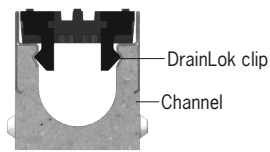


**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>DrainLok grate</b>				
Type 643D Stainless 5 Star Heelsafe® Anti-Slip	<b>142221</b>	1000	238	7.5
Type 644D Stainless 5 Star Heelsafe® Anti-Slip	<b>142222</b>	500	238	3.7
Grate removal tool	<b>01318</b>	-	-	0.1

**'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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