



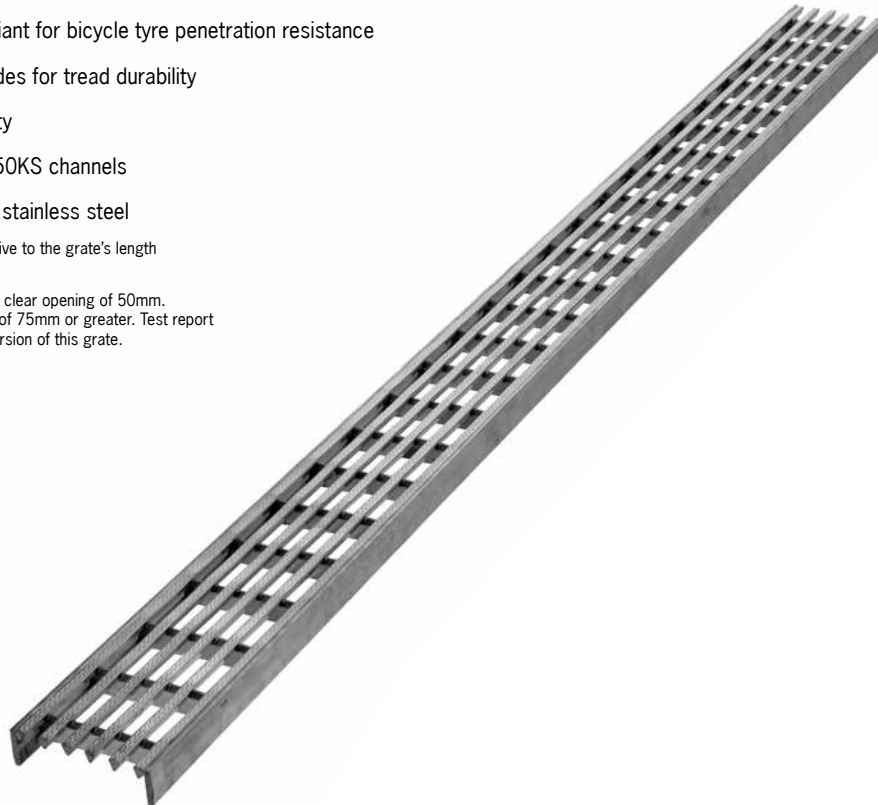
This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit [www.heelsafe.com.au](http://www.heelsafe.com.au)

**Product Features**

- Certified to AS 3996 Load Class B (80kN)<sup>2</sup> (NATA endorsed load test reports available)
- AS 3996 (Clause 3.3.5) 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 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety
- AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

- Discrete raised mechanical nodes for tread durability
- No end bars for visual continuity
- Suitable for use with M50K, M50KS 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)  
<sup>2</sup> This grate is designed for a channel with a clear opening of 50mm. AS 3996 test grates with a clear opening of 75mm or greater. Test report available for Type 443Q/444Q, a wider version of this grate.



**Specifications**

The grate shall be ACO M50K/M50KS Stainless 5 Star Heelsafe® Anti-Slip grate as manufactured by ACO. This grate has an overall width of 73.5mm and overall length of 1000mm. 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 1428.2 (Clause 9c); AS 3996 (Clause 3.3.5 & 3.3.6); ASME A112.6.3 (Section 7.12)
- Intake area of 33,600mm<sup>2</sup> per metre of grate

<sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length  
<sup>2</sup> This grate is designed for a channel with a clear opening of 50mm. AS 3996 test grates with a clear opening of 75mm or greater. Test report available for Type 443Q/444Q, a wider version of this grate.

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

ACO Specification Information

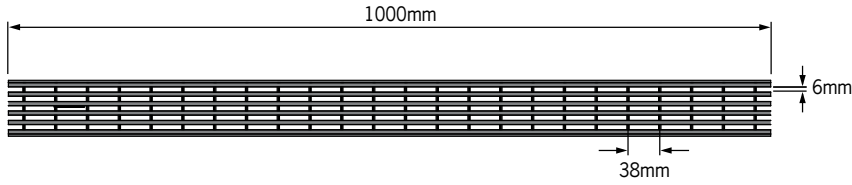


**ACO DRAIN®**

**M50K/M50KS Stainless 5 Star Heelsafe® Anti-Slip grate**



**Plan view**



**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>Non locking grate</b>				
M50K/M50KS Stainless 5 Star Heelsafe® Anti-Slip	<b>141761</b>	1000	73.5	2.3
Grate removal tool	<b>01318</b>	-	-	0.1

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