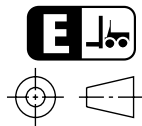
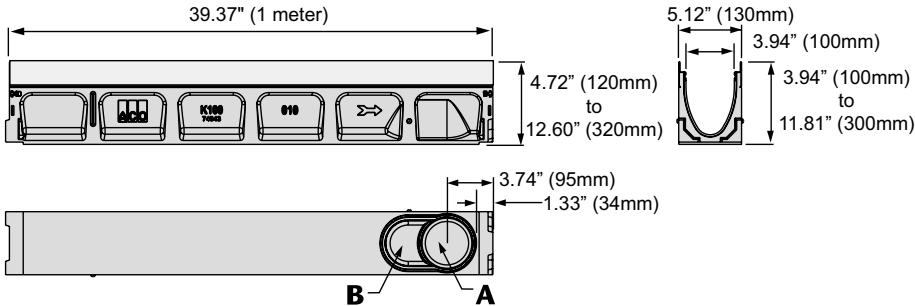
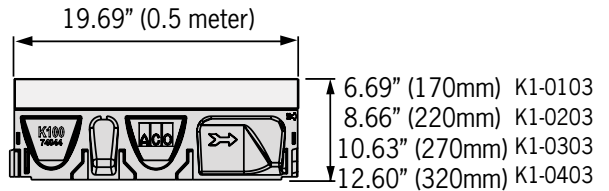


KlassikDrain - KS100 Stainless steel edge rail channel system

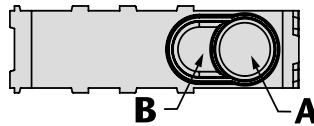
One meter channel



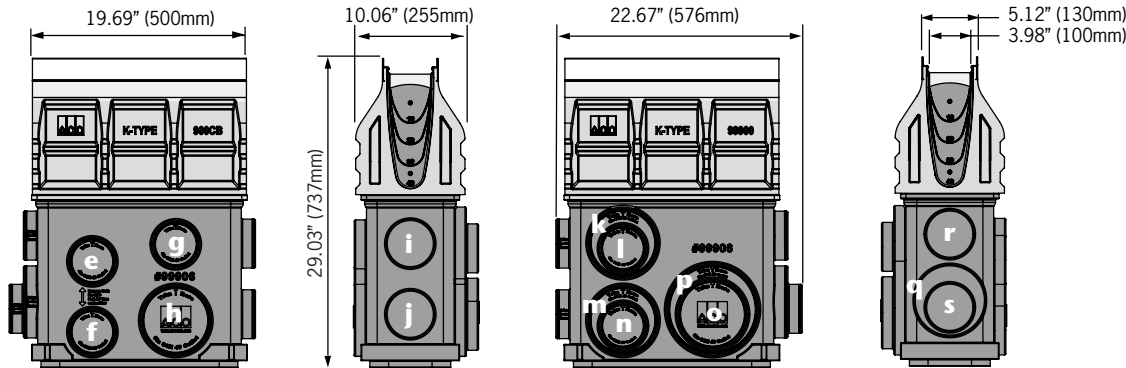
Half meter channel



Knock-outs included on every 5th channel



Type K901S In-line catch basin

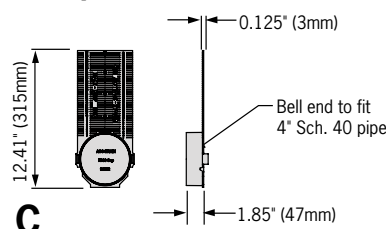


Total capacity = 10.49 gallons

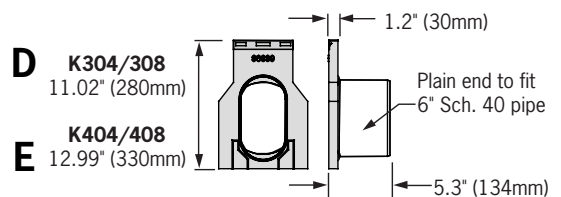
Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
a	Bottom outlet - KS00	4" round	3.94"	108	0.24
a	Bottom outlet - KS40	4" round	11.81"	187	0.42
b	Bottom outlet - KS00	6" oval	3.94"	177	0.39
b	Bottom outlet - KS40	6" oval	11.81"	306	0.68
c	End outlet - KS20	4" round	7.87"	132	0.29
c	End outlet - KS40	4" round	11.81"	171	0.38
d	KS1-308-6 6" outlet cap	6" oval	9.84"	233	0.52
d	KS1-408-6 6" outlet cap	6" oval	11.81"	264	0.59
e	Type KS1-901S	4" round	20.68"	235	0.52
f	Type KS1-901S	4" round	27.17"	226	0.50
g	Type KS1-901S	4" round	18.99"	265	0.59
h	Type KS1-901S	6" round	27.17"	263	0.59
i	Type KS1-901S	4" round	19.30"	222	0.49
j	Type KS1-901S	4" round	25.67"	586	1.30
k	Type KS1-901S	6" round	19.99"	269	0.60
l	Type KS1-901S	4" round	19.36"	227	0.51
m	Type KS1-901S	6" round	27.30"	604	1.35
n	Type KS1-901S	4" round	26.43"	505	1.12
o	Type KS1-901S	6" round	26.43"	593	1.32
p	Type KS1-901S	8" round	27.30"	1051	2.34
q	Type KS1-901S	6" round	25.85"	273	0.61
r	Type KS1-901S	4" round	18.56"	235	0.52
s	Type KS1-901S	4" round	25.30"	224	0.50

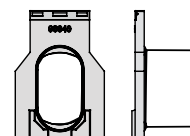
End Cap



6" Oval inlet cap



6" Oval outlet cap



Note: These are the pipe flow rates at the specified outlet, **NOT** channel flow rates. Catch basin flow rates are without trash bucket - using trash bucket reduces flow.

KlassikDrain - KS100 Stainless steel edge rail channel system



ACO Specification Information

Description	Part No.	Invert		Weight Lbs.
		Inches [Ⓟ]	mm [Ⓟ]	
KS1-00 Neutral channel - 39.37" (1m)[Ⓟ]	74441	3.94	100	28.1
KS1-1 Sloped channel - 39.37" (1m)	74401	4.13	105	28.1
KS1-2 Sloped channel - 39.37" (1m)	74402	4.33	110	28.9
KS1-3 Sloped channel - 39.37" (1m)	74403	4.53	115	29.7
KS1-4 Sloped channel - 39.37" (1m)	74404	4.72	120	30.5
KS1-5 Sloped channel - 39.37" (1m) [Ⓟ]	74405	4.92	125	31.3
KS1-6 Sloped channel - 39.37" (1m)	74406	5.12	130	32.1
KS1-7 Sloped channel - 39.37" (1m)	74407	5.31	135	32.9
KS1-8 Sloped channel - 39.37" (1m)	74408	5.51	140	33.7
KS1-9 Sloped channel - 39.37" (1m)	74409	5.71	145	34.5
KS1-10 Sloped channel - 39.37" (1m) [Ⓟ]	74410	5.91	150	35.3
KS1-010 Neutral channel - 39.37" (1m)[Ⓟ]	74443	5.91	150	35.3
KS1-0103 Neutral channel - 19.69" (0.5m)[Ⓟ]	74444	5.91	150	17.0
KS1-11 Sloped channel - 39.37" (1m)	74411	6.10	155	36.1
KS1-12 Sloped channel - 39.37" (1m)	74412	6.30	160	36.9
KS1-13 Sloped channel - 39.37" (1m)	74413	6.50	165	37.7
KS1-14 Sloped channel - 39.37" (1m)	74414	6.69	170	38.5
KS1-15 Sloped channel - 39.37" (1m) [Ⓟ]	74415	6.89	175	39.3
KS1-16 Sloped channel - 39.37" (1m)	74416	7.09	180	40.1
KS1-17 Sloped channel - 39.37" (1m)	74417	7.28	185	40.9
KS1-18 Sloped channel - 39.37" (1m)	74418	7.48	190	41.7
KS1-19 Sloped channel - 39.37" (1m)	74419	7.68	195	42.5
KS1-20 Sloped channel - 39.37" (1m) [Ⓟ]	74420	7.87	200	43.4
KS1-020 Neutral channel - 39.37" (1m)[Ⓟ]	74445	7.87	200	43.4
KS1-0203 Neutral channel - 19.69" (0.5m)[Ⓟ]	74446	7.87	200	20.5
KS1-21 Sloped channel - 39.37" (1m)	74421	8.07	205	44.2
KS1-22 Sloped channel - 39.37" (1m)	74422	8.27	210	45.0
KS1-23 Sloped channel - 39.37" (1m)	74423	8.46	215	45.8
KS1-24 Sloped channel - 39.37" (1m)	74424	8.66	220	46.6
KS1-25 Sloped channel - 39.37" (1m) [Ⓟ]	74425	8.86	225	47.4
KS1-26 Sloped channel - 39.37" (1m)	74426	9.06	230	48.2
KS1-27 Sloped channel - 39.37" (1m)	74427	9.25	235	49.0

Description	Part No.	Invert		Weight Lbs.
		Inches [Ⓟ]	mm [Ⓟ]	
KS1-28 Sloped channel - 39.37" (1m)	74428	9.45	240	49.8
KS1-29 Sloped channel - 39.37" (1m)	74429	9.65	245	50.6
KS1-30 Sloped channel - 39.37" (1m) [Ⓟ]	74430	9.84	250	51.4
KS1-030 Neutral channel - 39.37" (1m)[Ⓟ]	74447	9.84	250	51.4
KS1-0303 Neutral channel - 19.69" (0.5m)[Ⓟ]	74448	9.84	250	24.0
KS1-31 Sloped channel - 39.37" (1m)	74431	10.04	255	52.2
KS1-32 Sloped channel - 39.37" (1m)	74432	10.24	260	53.0
KS1-33 Sloped channel - 39.37" (1m)	74433	10.43	265	53.8
KS1-34 Sloped channel - 39.37" (1m)	74434	10.63	270	54.6
KS1-35 Sloped channel - 39.37" (1m) [Ⓟ]	74435	10.83	275	55.4
KS1-36 Sloped channel - 39.37" (1m)	74436	11.02	280	56.2
KS1-37 Sloped channel - 39.37" (1m)	74437	11.22	285	57.0
KS1-38 Sloped channel - 39.37" (1m)	74438	11.42	290	57.9
KS1-39 Sloped channel - 39.37" (1m)	74439	11.61	295	58.7
KS1-40 Sloped channel - 39.37" (1m) [Ⓟ]	74440	11.81	300	59.5
KS1-040 Neutral channel - 39.37" (1m)[Ⓟ]	74449	11.81	300	59.5
KS1-0403 Neutral channel - 19.69" (0.5m)[Ⓟ]	74450	11.81	300	27.5
KS1-901S In-line catch basin - 19.69" (0.5m) [Ⓟ]	94609	27.63	702	52.6
KS1-621S catch basin - 19.69" (0.5m) [Ⓟ]	94618	28.86	733	55.8
KS1-631S catch basin - 19.69" (0.5m) [Ⓟ]	94632	40.86	1038	65.8
Series 600 Optional plastic riser	99902	-	-	10.0
Foul air trap - fits both 900 & 600 series basins	90854	-	-	1.2
KS1-304-6 6" Inlet Cap	96844	9.84	250	5.2
KS1-308-6 6" Outlet Cap	96845	9.84	250	5.0
KS1-404-6 6" Inlet Cap	96846	11.81	300	6.0
KS1-408-6 6" Outlet Cap	96847	11.81	300	5.8
Universal end cap	96822	11.81	300	0.4
Debris strainer for 4" bottom knockout	93488	-	-	0.2
4" Oval to 6" round outlet adapter	95140	-	-	1.1
K1-Installation device	97477	-	-	2.8
Grate removal tool	01318	-	-	0.3
K1-QuickLok locking bar	02899	-	-	0.1

Notes:

1. This channel offers a bottom knockout feature; 4" round/6" oval.
2. Inverts shown are for the male end; for female invert depth subtract 5mm (≈0.2") from the male invert (except for neutral channels, where it will be same as male invert). To calculate the overall channel depth add 20mm (≈0.8") to invert depth.
3. This catch basin kit includes a polymer concrete top, removable Quicklok locking bar, trash bucket and plastic base. Select an appropriate grate.
4. This catch basin kit includes a polymer concrete top, removable Quicklok locking bar, deep trash bucket, plastic riser and plastic base. Select an appropriate grate.

Specifications		Water absorption	0.07%	cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 3/32" (2.5mm) thick.
General The surface drainage system shall be ACO Drain KS100 complete with gratings secured with 'QuickLok' locking as manufactured by ACO, Inc. or approved equal.		Frost proof	YES	
Materials The trench system bodies shall be manufactured from polyester polymer concrete with the minimum properties as follows:		Salt proof	YES	
Compressive strength:	14,000 psi	Dilute acid and alkali resistant	YES	
Flexural strength:	4,000 psi	The nominal clear opening shall be 4" (100mm) with overall width of 5.12" (130mm). Pre-cast units shall be manufactured with either an invert slope of 0.5% or with neutral invert and have a wall thickness of at least 0.50" (13mm). Each unit will feature a partial radius in the trench bottom and a male to female interconnecting end profile. Units shall have horizontal cast in anchoring keys on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The stainless steel edge rail will be integrally		Installation The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

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Product Features

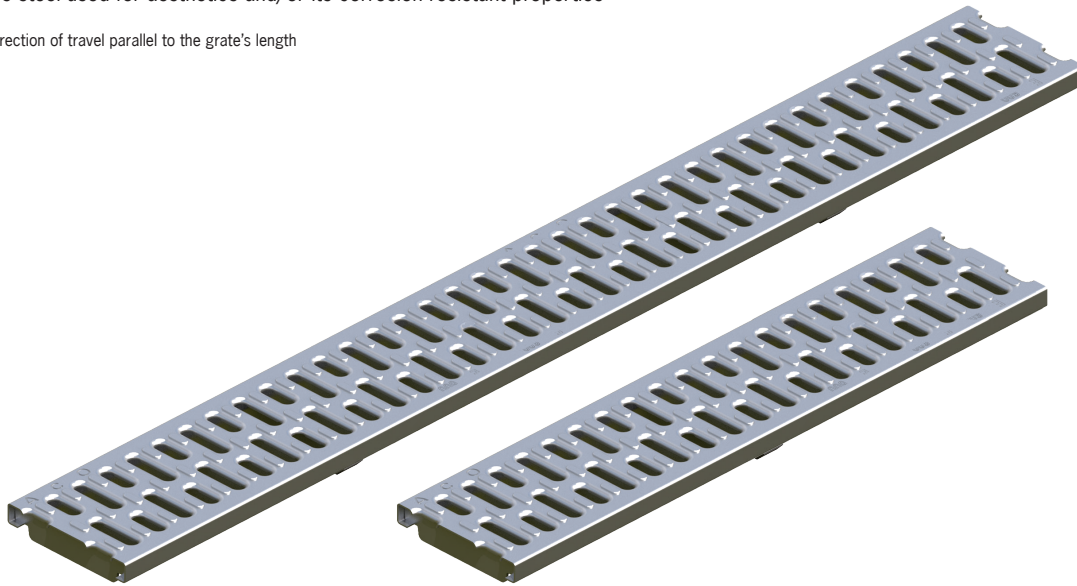
A Certified to EN 1433 Load Class A 15(kN) which is similar to AS 3996 Load Class A (10kN) (NATA endorsed load test reports available)

♿ AS 1428.1 (Clause 4.4b)¹ compliant for wheelchair and walking cane safety

🚲 AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance

- **DrainLok** barless and boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from either galvanised steel or Grade 304 stainless steel (pictured)
- Galvanised steel for use in general purpose applications
- Stainless steel used for aesthetics and/or its corrosion resistant properties

¹ Dominant direction of travel parallel to the grate's length



Supplied By:
TRENCHDRAIN SUPPLY
 877-903-7246
 www.trenchdrainsupply.com

Specifications

The grate shall be ACO Type 420D/450D* Galvanised/Stainless* Slotted grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 420D/450D*) and 500mm (Type 421D/452D*). Slot widths measure at a maximum of 10mm.

Materials & Design

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

- Manufactured from galvanised/Grade 304 stainless* steel
- Certified to EN 1433 Load Class A 15(kN)¹ which is similar to AS 3996 Load Class A (10kN)
- Meets AS 1428.1 (Clause 4.4b)²; AS 3996 (Clause 3.3.7)
- Intake area of 24,380mm² per metre of grate/12,190mm² per half metre of grate

¹ NATA endorsed test reports available

² Dominant direction of travel parallel to the grate's length

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

ACO Specification Information

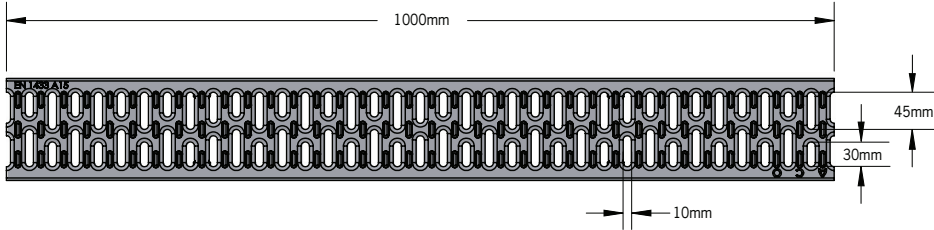


ACO DRAIN®

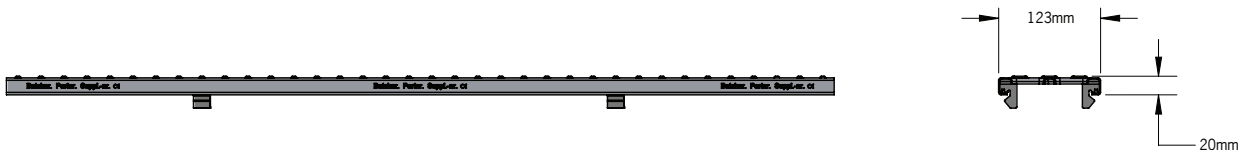
Type 420D/421D/450D/452D Steel Slotted grate



Plan view

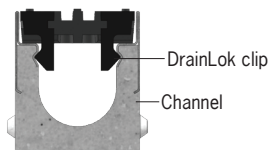


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
DrainLok grate				
Type 420D Galvanised Slotted	12610	1000	123	2.7
Type 421D Galvanised Slotted	12611	500	123	1.4
Type 450D Stainless Slotted	12640	1000	123	2.7
Type 452D Stainless Slotted	12641	500	123	1.4
Grate removal tool	01318	-	-	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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Type 451D/453D Perforated stainless steel grate (ADA)

Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Patented reinforcement underneath designed to prevent bowing and collapse
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 451D/453D Perforated stainless steel grate with 'DrainLok' locking as manufactured by ACO, Inc. or similar approved.

Materials

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

- **Independently certified to meet Load Class A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge, grade 304 stainless steel**
- **Intake area of 14.1 sq. in. (91.0 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 451D) and 19.69" (500mm) (Type 453D). Perforations measure 0.25" (6.35mm) in diameter.

Installation

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

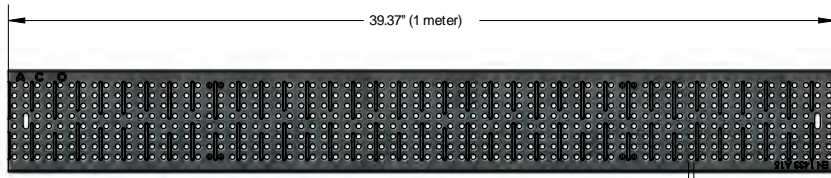
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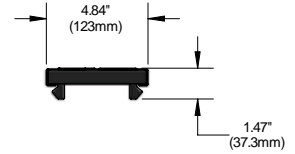
ACO DRAIN

Type 451D/453D Perforated stainless steel grate (ADA)

Plan view

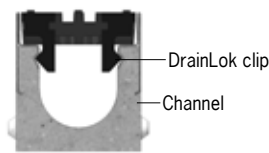


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 451D Perforated stainless steel grate	12664	39.37 (1000)	4.84 (123)	6.3
Type 453D Perforated stainless steel grate	12665	19.69 (500)	4.84 (123)	3.2

'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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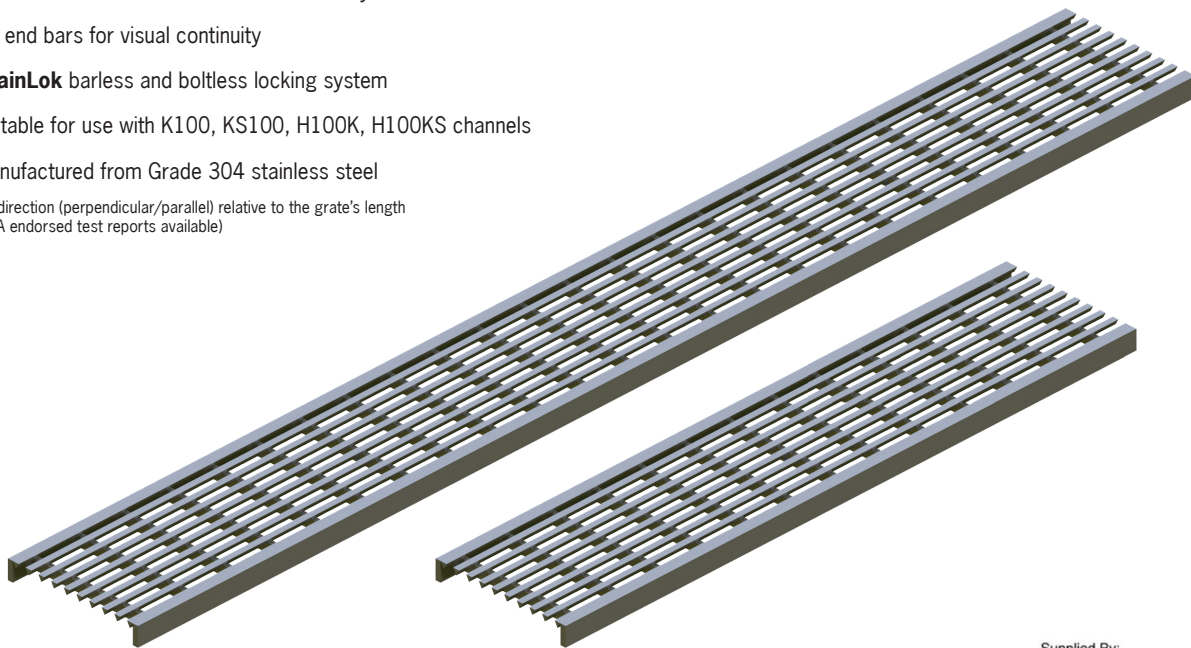
This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit www.heelsafe.com.au

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: P3 – Slip resistance classification for Wet Pendulum Test
- AS 4586: C/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test
- AS 4586: R10/R10¹ - 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

- Raised mechanical nodes for tread durability
- No end bars for visual continuity
- **DrainLok** barless and boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from Grade 304 stainless steel

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



Supplied By:
TRENCHDRAIN SUPPLY
 877-903-7246
www.trenchdrainsupply.com

Specifications

The grate shall be ACO Type 447D Stainless Wedgewire Heelsafe® Anti-Slip grate with DrainLok barless and boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 447D) and 500mm (Type 448D). 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)²
- AS 4586: P3 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: C/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test²
- AS 4586: R10/R10¹ – Slip resistance classification for Oil-Wet Inclining Platform Test²
- 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 60,480mm² per metre of grate/30,240mm² per half metre of grate

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

² 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

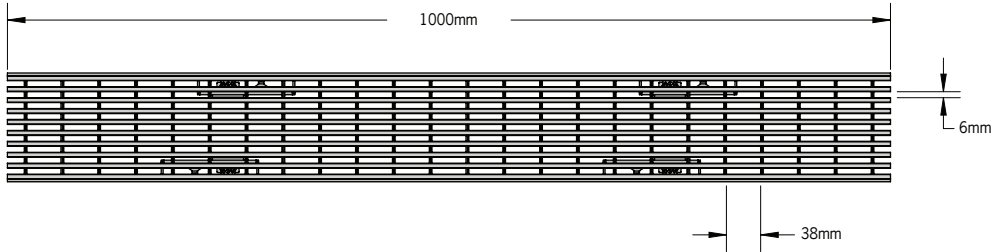


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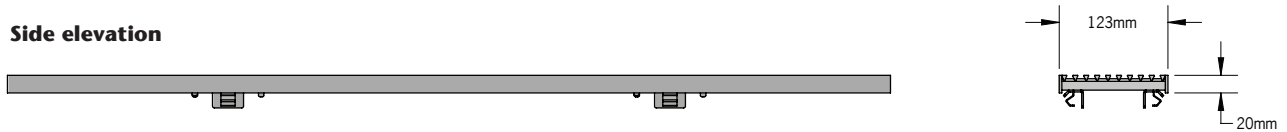
Type 447D/448D Stainless Wedgewire Heelsafe® Anti-Slip grate



Plan view

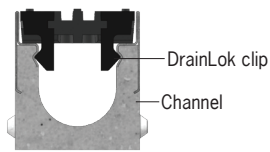


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
DrainLok grate				
Type 447D Stainless Wedgewire Heelsafe® Anti-Slip	142215	1000	123	3.2
Type 448D Stainless Wedgewire Heelsafe® Anti-Slip	142216	500	123	1.6
Grate removal tool	01318	-	-	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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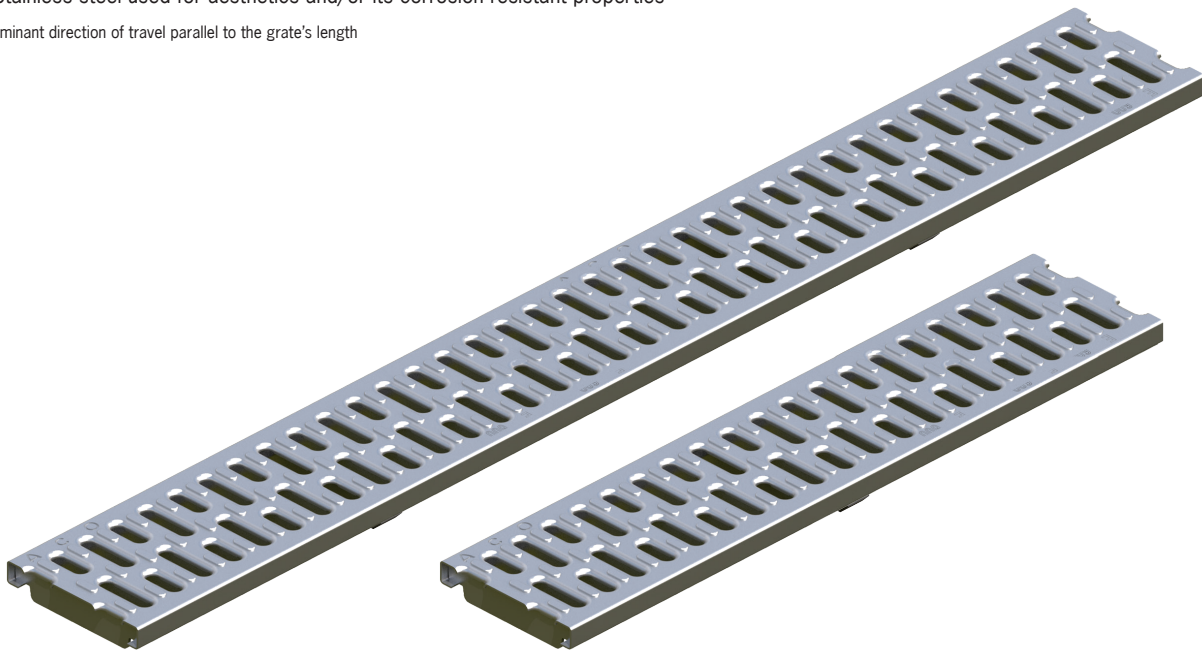
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Product Features

-  Certified to AS 3996 Load Class D (210kN) (NATA endorsed load test reports available)
-  AS 1428.1 (Clause 4.4b)¹ compliant for wheelchair and walking cane safety
-  AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance

- **DrainLok** barless and boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from either galvanised steel or Grade 304 stainless steel (pictured)
- Galvanised steel for use in general purpose applications
- Stainless steel used for aesthetics and/or its corrosion resistant properties

¹ Dominant direction of travel parallel to the grate's length



Supplied By:
TRENCHDRAIN SUPPLY
 877-903-7246
 www.trenchdrainsupply.com

Specifications

The grate shall be ACO Type 425D/455D* Galvanised/Stainless* Slotted grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 425D/455D*) and 500mm (Type 426D/457D*). Slot widths measure at a maximum of 10mm.

Materials & Design

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

- Manufactured from galvanised/Grade 304 stainless* steel
- Certified to AS 3996 Load Class D (210kN)¹
- Meets AS 1428.1 (Clause 4.4b)²; AS 3996 (Clause 3.3.7)
- Intake area of 24,380mm² per metre of grate/12,190mm² per half metre of grate

¹ NATA endorsed test reports available

² Dominant direction of travel parallel to the grate's length

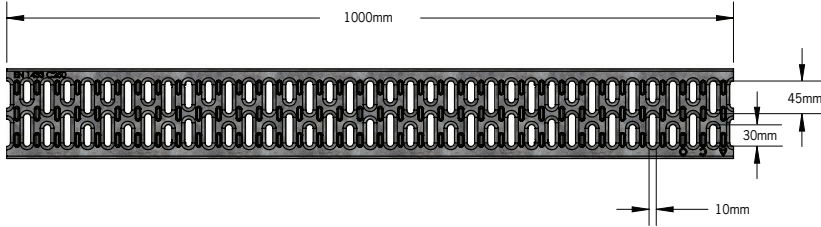
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/product-support> *delete as appropriate

ACO Specification Information

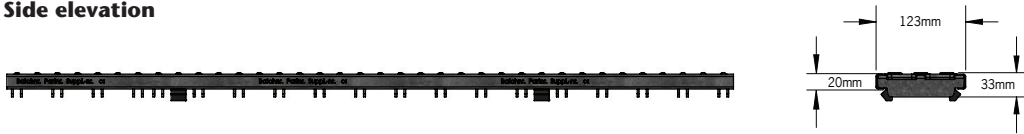




Plan view

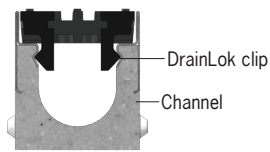


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
DrainLok grate				
Type 425D Galvanised Slotted	12614	1000	123	4.0
Type 426D Galvanised Slotted	12615	500	123	2.0
Type 455D Stainless Slotted	12644	1000	123	4.0
Type 457D Stainless Slotted	12645	500	123	2.0
Grate removal tool	01318	-	-	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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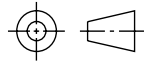


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Type 465D/466D Perforated stainless steel grate (ADA)

Product Features

- Certified to EN 1433 Load Class C - 56,000 lbs - 1,162 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Patented reinforcement underneath designed to prevent bowing and collapse
- Complies with ASME: A112.6.3 - 2001: Section 7.12
Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels*, complete with ACO Type 465D/466D Perforated stainless steel grate with 'DrainLok' locking as manufactured by ACO, Inc. or similar approved.

Materials

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

- **Independently certified to meet Load Class C - 1,162 psi to EN 1433 - 56,000 lbs**
- **16 gauge, grade 304 stainless steel**
- **Intake area of 14.1 sq. in. (91.0 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 465D) and 19.69" (500mm) (Type 466D). Perforations measure 0.25" (6.35mm) in diameter.

Installation

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

* delete as appropriate

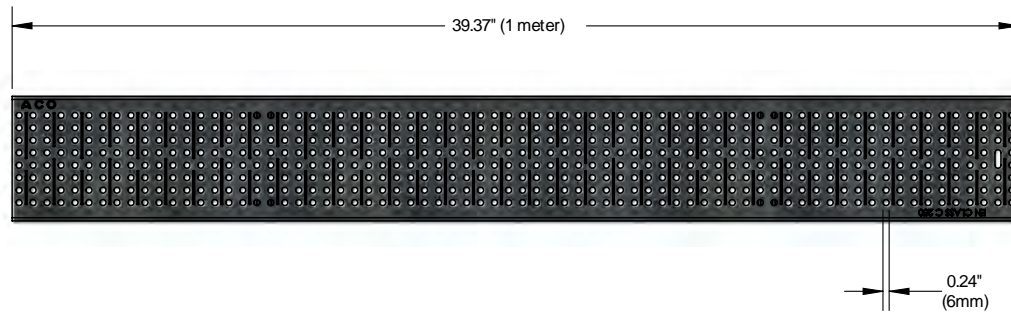


ACO DRAIN

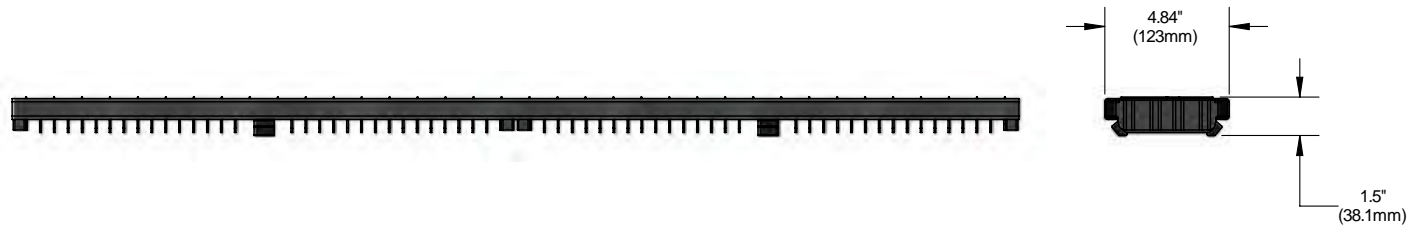
Type 465D/466D Perforated stainless steel grate (ADA)



Plan view

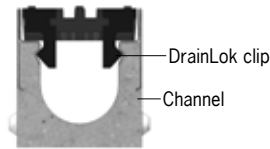


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 465D perforated stainless steel grate	12654	39.37 (1000)	4.84 (123)	11.3
Type 466D perforated stainless steel grate	12655	19.69 (500)	4.84 (123)	5.7

'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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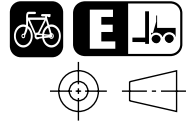
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Type 490Q/493Q slotted stainless steel grate



Product Features

- Certified to EN 1433 Load Class E - 135,000 lbs - 2,788 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with K100, KS100, H100-8, H100-10, H100K-8, and H100KS-8 channels
- Manufactured from 16 gauge, grade 304 stainless steel
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, H100-8, H100-10, H100K-8, and H100KS-8 channels* complete with ACO Type 490Q/493Q slotted stainless steel grate with 'QuickLok' locking as manufactured by ACO, Inc. or similar approved.

Materials

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

- **Independently certified to meet Load Class E to EN 1433 - 135,000 lbs - 2,788 psi**
- **16 gauge, Grade 304 stainless steel**
- **Intake area of 17.6 sq. in (113.5 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 490) and 19.69" (500mm) (Type 493). Slots measure 1.75" (45mm) by 0.38" (10mm) and 1.17" (30mm) by 0.38" (10mm).

Installation

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

* delete as appropriate

Supplied By:



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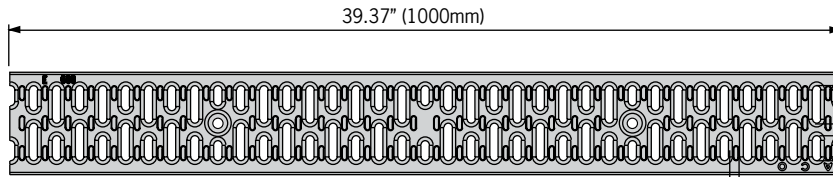
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ACO DRAIN

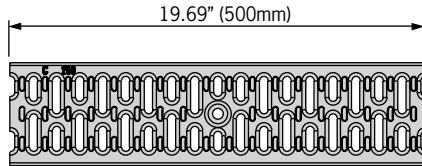
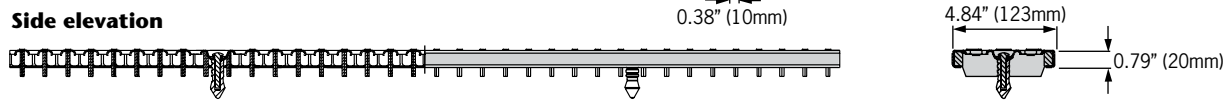
Type 490Q/493Q Slotted stainless steel grate



Plan view

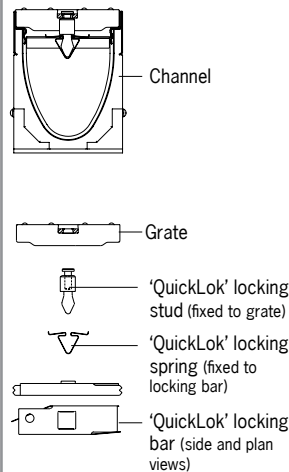


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
QuickLok grates				
Type 490Q Slotted stainless grate	31650	39.37 (1000)	4.84 (123)	13.4
Type 493Q Slotted stainless grate	31651	19.69 (500)	4.84 (123)	6.8
QuickLok locking bar	02899	-	-	0.2
QuickLok grate removal hook	01318	-	-	0.6

'QuickLok' locking mechanism



ACO 'QuickLok' is a patented boltless locking system, grates are removed and replaced with the minimum time and effort for ease of maintenance. The unique design provides a positive 'snap down' fit into the locking bar. A stud is fixed to the grate which 'locks' into the spring clip in the locking bar.

The 'QuickLok' stud is made from stainless steel and high density nylon, the locking bar and clip are stainless steel, for use in both general purpose and corrosive environments.

Supplied By:

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