

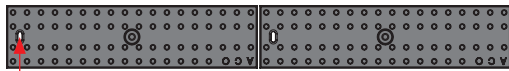
# ACO UtilityDuct

## DK100 with Type 456 Solid Iron Covers

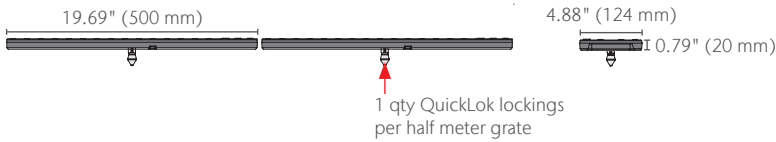


### Type 456 Solid Iron Cover

part no. 06573

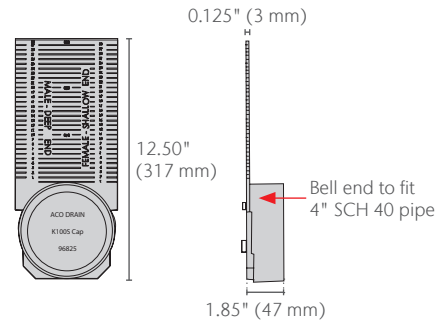


Access hole for cover removal tool

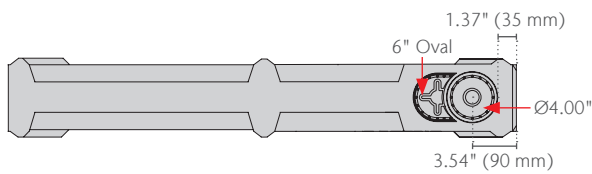
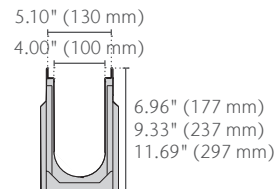
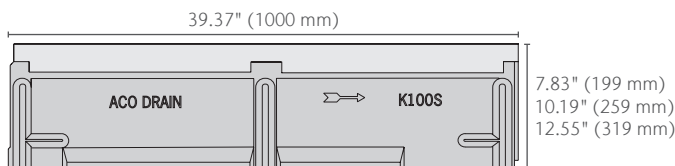


### End Cap

part no. 95063



### One Meter Channel



Product Name	Part No.	Invert Depth in (mm)	Overall Depth in (mm)	Weight lbs
DK010 Polymer Concrete Duct	<b>99266</b>	6.77 (172)	7.77 (197)	64.0
DK020 Polymer Concrete Duct	<b>99267</b>	9.13 (232)	10.13 (257)	65.0
DK030 Polymer Concrete Duct	<b>99268</b>	11.50 (292)	12.50 (318)	68.0
<b>Cover</b>				
Type 456 Solid Iron Cover (2 per channel required)	<b>06573</b>	-	-	14.2
QuickLok Locking Bars (2 per channel required)	<b>02899</b>	-	-	0.1
Cover removal tool	<b>01318</b>	-	-	0.3
<b>Accessories</b>				
End Cap	<b>95063</b>	-	-	0.4

1. DK100 duct is sold as channel only, cover is ordered as a separate item (two covers required per meter duct).
2. Performed drill-out for 4" round or 6" oval to round pipe on underside of channel.

# DK100 with Type 456 Solid Iron Covers



## Specification Summary

### General

The surface drainage system shall be ACO UtilityDuct DK100 complete with Type 456 Class C solid ductile iron covers secured with QuickLok boltless lockings (2 lockings per meter unit) as manufactured by ACO, Inc. or equal approved.

### Installation

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

### Covers

Type 456 covers are manufactured from ductile iron to ASTM 536-84 - Grade 65-45-12. Covers are locked in place with 1 qty QuickLok lockings per half meter (19.69") cover. Covers are load tested to meet EN 1433 Load Class C - 1,162psi.

### Materials

Duct system bodies are manufactured from polyester polymer concrete with minimum properties as follows:

- Compressive strength: 14,000 psi
- Flexural strength: 4,000 psi
- Water absorption: 0.07%
- Frost-proof
- Salt-proof
- Dilute acid and alkali resistant
- Surface burn characteristics of the material shall comply with UL 723

The nominal clear opening shall be 4.00" (100 mm) with overall width of 6.10" (155 mm). Modular units shall be manufactured with neutral invert and have a wall thickness of at least 0.50" (13 mm). Each unit will feature a full radius in the trench bottom and a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The galvanized steel edge rail will be integrally cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/8" (3 mm) thick.



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.



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

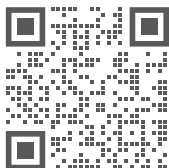


EN 1433 Load Class C 56,202 lbs — 1,160 psi

## ACO, Inc.

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