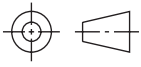


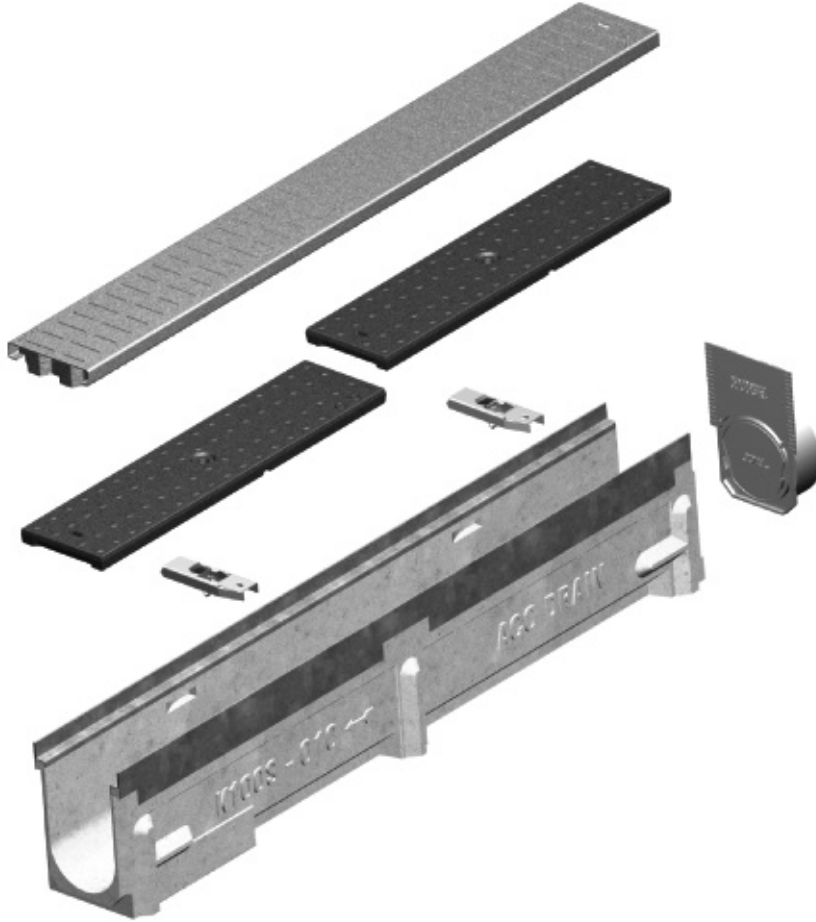


DK100 Utility Trench

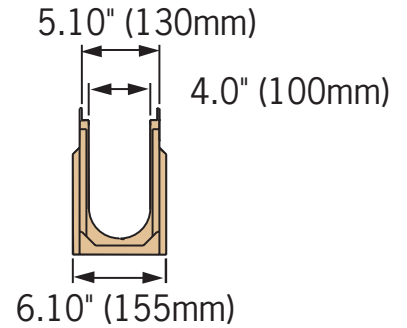
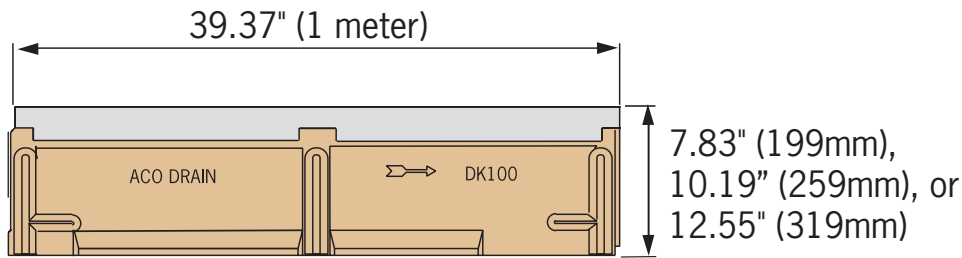


DK100 - Integrally cast-in galvanized steel edge rail

One meter channel



ACO Specification Information



ACO UTILITY DUCT

DK100 Utility trench system



Description	Invert Depth	Part .No	Weight (lbs)
DK010 polymer concrete duct	6.96"	99272	36.8
DK020 polymer concrete duct	9.33"	99295	46.0
DK030 polymer concrete duct	11.69"	99317	55.8
DK100 End cap		96825	0.4
Type 416 Galvanized steel solid cover - 1 meter (39.37")	-	02590	10.1
Type 456 Ductile iron solid cover - 0.5 meter (19.69") use 2 per channel	-	06573	14.2
QuickLok locking bar (2 per channel required)	-	02899	

Notes:

1. Units are sold complete (channel and 2 covers) - total weight is complete unit.

Specifications		
<p>General The surface drainage system shall be ACO Drain K100S complete with gratings secured with 'QuickLok' locking as manufactured by ACO Polymer Products, Inc. or equal approved.</p> <p>Materials The trench system bodies shall be manufactured from polyester polymer concrete with minimum properties as follows:</p> <p>Compressive strength: 14,000 psi Flexural strength: 4,000 psi Water absorption 0.07%</p>	<p>Frost proof Salt proof Dilute acid and alkali resistant</p> <p>The nominal clear opening shall be 4.00" (100mm) with overall width of 5.10" (130mm). Pre-cast units shall be manufactured with either an invert slope of 0.6% or with neutral invert and have a wall thickness of at least 0.50" (13mm). 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</p>	<p>manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/8" (3mm) thick.</p> <p>Grates Grates should be specified. See separate ACO Spec Info grate sheets for details. After removal of gratings and 'QuickLok' bar there shall be uninterrupted access to the trench to aid maintenance.</p> <p>Installation The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.</p>

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