



Z895-KC

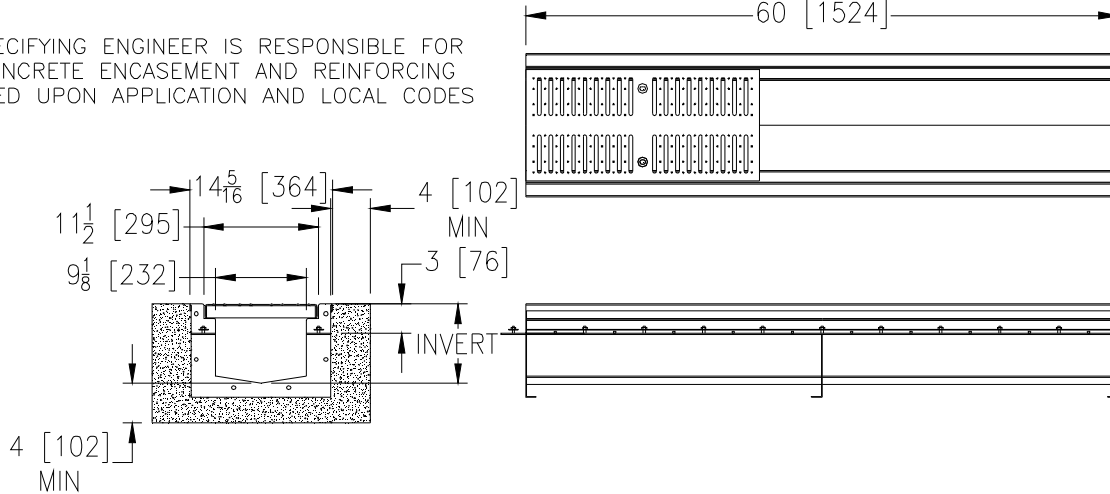
12 [305] WIDE REVEAL TRENCH DRAIN SYSTEM W/ PAN AND CLAMPING COLLAR

SPECIFICATION SHEET

TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

SPECIFYING ENGINEER IS RESPONSIBLE FOR
CONCRETE ENCASEMENT AND REINFORCING
BASED UPON APPLICATION AND LOCAL CODES



ENGINEERING SPECIFICATION: Zurn Z895-KC

Channels shall be 60" [1524mm] long, 12" [305mm] wide and have a 9-1/8" [232mm] throat. Modular channel sections shall be made of 12ga. fabricated Stainless Steel conforming to ASTM A-240 (type 304). Channels shall have a bolted, flanged connection between channel sections that will not separate during the installation, gaskets available. Channels shall be provided with 1/8" [3mm] weep holes above the pan, with a continuous water tight weld of the clamp collar. Studs shall be provided for attachment of provided clamp collar on 6" [152mm] centers. Channels shall weigh less than 4.15 lbs. [1.05kg] per linear foot, have a smooth, 1-1/2" [38mm] radiused self cleaning bottom with a Manning's coefficient of .009 and 1.04% or neutral 0% built in slope. Channels shall have feet for patty pour or leveling studs standard to secure trench in its final location. Shall be provided with standard FS grates that lock down to frame. Zurn 12" [305 mm] wide reveal Fabricated Stainless Steel Grate conforming to ASTM specification A-240, (type 304), is rated class A per the DIN EN1433 top load classification. Supplied in 24" [610mm] nominal lengths with 5/16" [8mm] wide slots, and 1-1/4" [32mm] bearing depth. Grate has an open area of 25.61 sq. in per ft. [542 sq. cm per meter]. All welds must be performed by a certified welder per ASTM standard AWS D1.6. Channels shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

___ Z Five-foot, Type 304 Stainless Steel*

SUFFIX OPTIONS (Check/specify appropriate options)

Outlet Adapters Add/Each

___ -E1 Closed End Cap
___ -E4 4 [102] No-Hub End Outlet
___ -E6 6 [152] No-Hub End Outlet
___ -E8 8 [203] No-Hub End Outlet
___ -U4 4 [102] No-Hub Bottom Outlet
___ -U6 6 [152] No-Hub Bottom Outlet
___ -U8 8 [203] No-Hub Bottom Outlet

Grate Options (Load Classifications are per DIN EN1433)

___ -BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
___ -BDE Black Acid Resistant Epoxy Coated Ductile Grate - Class E
___ -DC Ductile Iron Solid Cover - Class C
___ -DGC Ductile Iron Slotted Grate - Class C
___ -DGE Ductile Iron Slotted Grate - Class E
___ -DGF Ductile Iron Slotted Grate - Class F
___ -HPD Heel-Proof Ductile Slotted Grate - Class C
___ -RFSC Reinforced Slotted Stainless Steel Grate - Class C
___ -RPSC Reinforced Perforated Stainless Steel Grate - Class C
___ -RPSRC Reinforced Perforated Stainless Steel Reversed Punch Grate - Class C

Miscellaneous Options

___ -VP Vandal-Proof Lockdown

MADE in the U.S.A.

___ -ADA-USA Meets Americans with Disabilities Act Requirements - Class C
___ -DGC-USA Ductile Iron Slotted Grate - Class C
___ -DGE-USA Ductile Iron Slotted Grate - Class E
___ -FS Fabricated Stainless Steel Slotted Grate - Class A*
___ -GG Fiberglass Grate - Class A
___ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
___ -PS Perforated Stainless Steel Grate - Class A
___ -SBG-L Stainless Steel Bar Grate - Class C

Miscellaneous Options

___ -DB Bottom Dome Strainer

* Regularly furnished unless otherwise specified.

Trench No.	Dimensions in Inch [mm]		Flow		
	'A' Shallow Inv.	'B' Deep Inv.	(cfs)	(gpm)	(lps)
89501	6.00 [152]	6.63 [168]	1.221	548	35
89502	6.63 [168]	7.25 [184]	1.453	652	41
89502N	7.25 [184]	7.25 [184]	-	-	-
89503	7.25 [184]	7.88 [200]	1.691	759	48
89504	7.88 [200]	8.50 [216]	1.934	868	55
89504N	8.50 [216]	8.50 [216]	-	-	-
89505	8.50 [216]	9.13 [232]	2.179	978	62
89506	9.13 [232]	9.75 [248]	2.429	1090	69
89506N	9.75 [248]	9.75 [248]	-	-	-
89507	9.75 [248]	10.38 [264]	2.680	1203	76
89508	10.38 [264]	11.00 [279]	2.932	1316	83
89508N	11.00 [279]	11.00 [279]	-	-	-
89509	11.00 [279]	11.63 [295]	3.189	1431	91
89510	11.63 [295]	12.25 [311]	3.445	1546	98
89510N	12.25 [311]	12.25 [311]	-	-	-
89511	12.25 [311]	12.88 [327]	3.703	1662	105
89512	12.88 [327]	13.50 [343]	3.964	1779	113
89512N	13.50 [343]	13.50 [343]	-	-	-
89513	13.50 [343]	14.13 [359]	4.225	1896	120
89514	14.13 [359]	14.75 [375]	4.485	2013	127
89514N	14.75 [375]	14.75 [375]	-	-	-
89515	14.75 [375]	15.38 [391]	4.748	2131	135
89516	15.38 [391]	16.00 [406]	5.011	2249	142
89516N	16.00 [406]	16.00 [406]	-	-	-
89517	16.00 [406]	16.63 [422]	5.276	2368	150
89518	16.63 [422]	17.25 [438]	5.541	2487	157
89518N	17.25 [438]	17.25 [438]	-	-	-
89519	17.25 [438]	17.88 [454]	5.807	2606	165
89520	17.88 [454]	18.50 [470]	6.132	2752	174

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