

CPZ882 Complete Kit

Series

CPZ882

Cut Sheet

Zurn Z882 Series

12" Wide Reveal Zurn Z882 HDPE Trench Drain Kit



New Zurn Z882 HDPE Trench Drain Complete Kit 12 Inch Wide - C Class Ductile Iron Grate Standard.

Complete system - Each Kit Includes:

- Specified Number of 8' Sections of Z882 Channel and Frame.
- Specified Number of 24" C Class Ductile Iron Slotted Grates Standard.
- 2 Solid End Caps - 1 Outlet End Cap.—1 Bottom Outlet
- Galvanized Lock Hardware for the Grates.

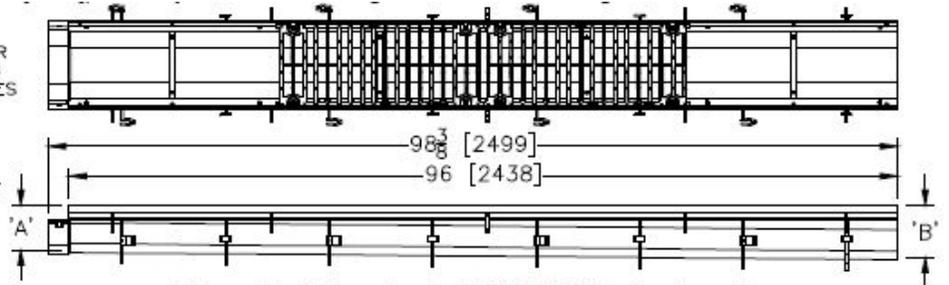
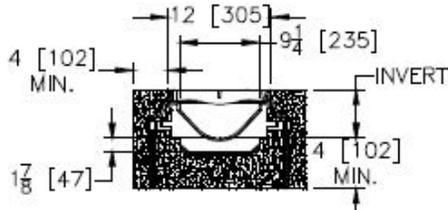
Z882 Features and Benefits:

- Eight-Foot Modular Sections with 24" Grates.
- 1.04% Built-In Slope. Handles Greater Flows, Uniform Slope.
- Radiused Bottom. Better Flow Rate, Less Debris Build-Up.
- Smooth High Density Polyethylene Structural Composite Interior.
- 0% Water Absorption. Durable and Lightweight.



Number Z882 Channel and Frame	Series CPZ882 HDPE Channel Z882 Series
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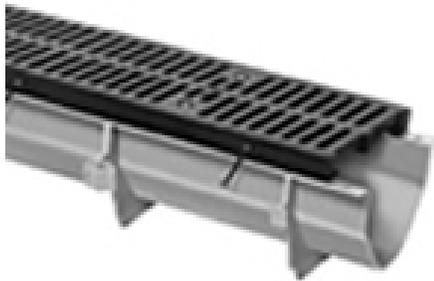
SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE ENCASEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES



Note: + Actual Channel length is 98 3/8 [2499] to allow for overlap.

ENGINEERING SPECIFICATION: Zurn Z882

Channels shall be 96 [2438] long, 12 [305] wide reveal and have a 9-1/4 [235] throat. Modular channel sections shall be made of 0% water absorbent High Density Polyethylene (HDPE). Shall have a positive mechanical connection between channel sections that will not separate during the installation and shall mechanically lock into the concrete surround every 12 [305]. Channels shall weigh less than 5.05 lbs. [2.29kg] per linear foot, have a smooth, 3 [76] radiused self cleaning bottom with a Manning's coefficient of 0.009 and 1.04% or neutral 0% built in slope. Channels shall have rebar clips standard to secure trench in its final location. Shall be provided with standard DGC grates that lock down to frame. Zurn 12 [305] wide reveal Ductile Iron Slotted Grate conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron grate is rated class C per the DIN EN1433 top load classifications. Supplied in 24 [608] nominal lengths with 13/16 [21] wide slots, and 1-1/2 [38] bearing depth. Grate has an open area of 80.8 sq. in per ft. [171,027 sq. mm per meter]. The 1/4 [6] thick Heavy-Duty Carbon Steel Frame Assembly conforms to ASTM specification A36 with 10 - 4 [102] long concrete anchors per 96 [2438]. Grate lockdown bars are to be integral to the frame. The frame is supplied with a powder coated finish. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the U.S.A.



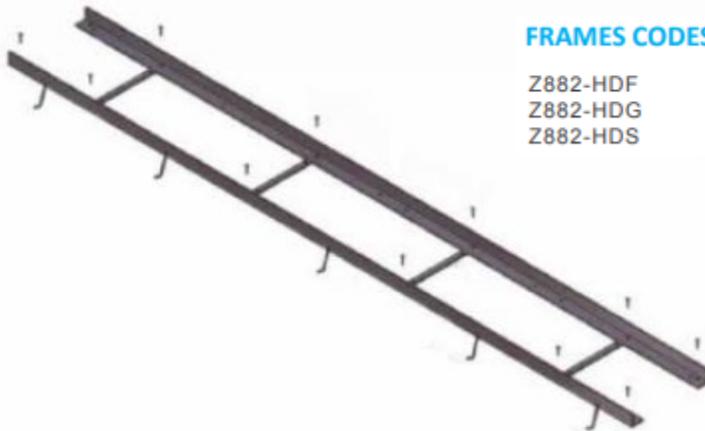
Trench No.	'A' Shallow Inv.	'B' Deep Inv.	Flow		
			(cfs)	(gpm)	(lps)
8201	6.25 [159]	7.25 [184]	1.241	557	35
8202	7.25 [184]	8.25 [210]	1.725	774	49
8203	8.25 [210]	9.25 [235]	2.226	999	63
8203N	9.25 [235]	9.25 [235]	-	-	-
8204	9.25 [235]	10.25 [260]	2.745	1232	78
8205	10.25 [260]	11.25 [286]	3.271	1468	93
8206	11.25 [286]	12.25 [311]	3.808	1709	108
8206N	12.25 [311]	12.25 [311]	-	-	-
8207	12.25 [311]	13.25 [337]	4.347	1951	123
8208	13.25 [337]	14.25 [362]	4.893	2196	139
8209	14.25 [362]	15.25 [387]	5.443	2443	155
8209N	15.25 [387]	15.25 [387]	-	-	-
8210	15.25 [387]	16.25 [413]	5.996	2691	170
8211	16.25 [413]	17.25 [438]	6.551	2940	186
8212	17.25 [438]	18.25 [464]	7.106	3189	202

Manufacturer



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Number Z882-HDF	Series Z882 Heavy Duty Frame Assembly Z882 Series
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FRAMES CODES - Z882

Z882-HDF	Z882 Heavy Duty - Carbon Steel Frame
Z882-HDG	Z882 Heavy Duty - Galvanised Steel Frame
Z882-HDS	Z882 Heavy Duty - Stainless Steel Frame

Z882 Heavy-duty Dura-Coated 8 foot (2.45M) steel frame w/ anchor studs at surface, combination anchor tabs/leveling devices at appropriate locations and extra heavy-duty iron grate-class C with

ACCESSORIES CODES - Z882

CODE	NAME	DESCRIPTION
669558089	Assembly Nuts - Z82	Standard Part - Frame
669558219	Assembly Screws - Z882	Standard Part - Frame
669558759	Connection Screws - Z882	Standard Part, Male to Female
669559239	Standard Grate Lockdown - Z882	Lock
669558779	Fibreglass Grate Lockdown - Z882	Lock
669559279	FAB Grate Lockdown - Z882	Lock
669558349	Heavy Duty End Covers - Z882-HDF	End Cover
669558509	Galvanised End Covers - Z882-HDG	End Cover
669558519	Stainless Steel End Covers - Z882-HDS	End Cover

Manufacturer



ENGINEERING SPECIFICATION: Z882-HDF

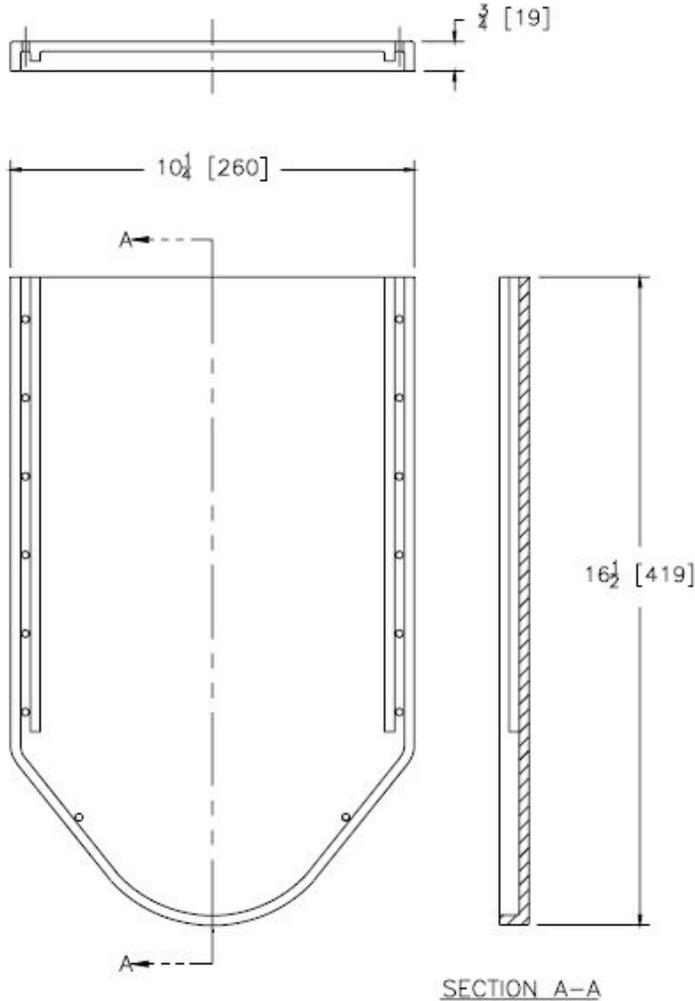
The 1/4 [6] thick Heavy-Duty Carbon Steel Frame Assembly conforms to ASTM specification A36 with 10 - 4 [102] long concrete anchors per 96 [2438].

Grate lockdown bars are to be integral to the frame. The frame is supplied with a powder coated finish.

All welds must be performed by a certified welder per ASTM stand-

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<p>Number Z882 E1 Solid End Cap</p>	<p>Series CPZ882 HDPE Endcaps Z882 Series</p>
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Please Check	Item No.	Part Number	Item I.D.
✓	1	62205-001	P882-E1

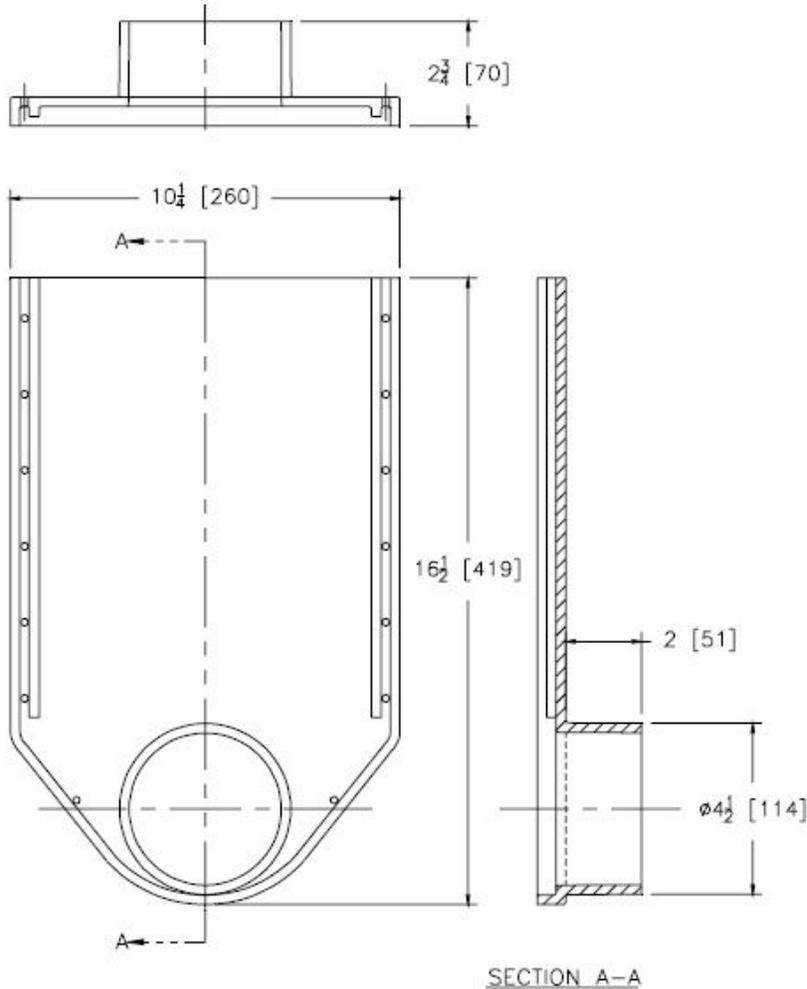
Manufacturer



ENGINEERING SPECIFICATION: ZURN Z882-E1
 Closed End for 12 [301] wide Trench Drainage System. Endcap is made of 1/4 [6] thick HDPE.
 **Unit to be cut in field per channel depth.

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<p>Number Z882 E4 4" Outlet End Cap</p>	<p>Series CPZ882 HDPE Endcaps Z882 Series</p>
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Please Check	Item No.	Part Number	Item I.D.
✓	2	62205-002	P882-E4

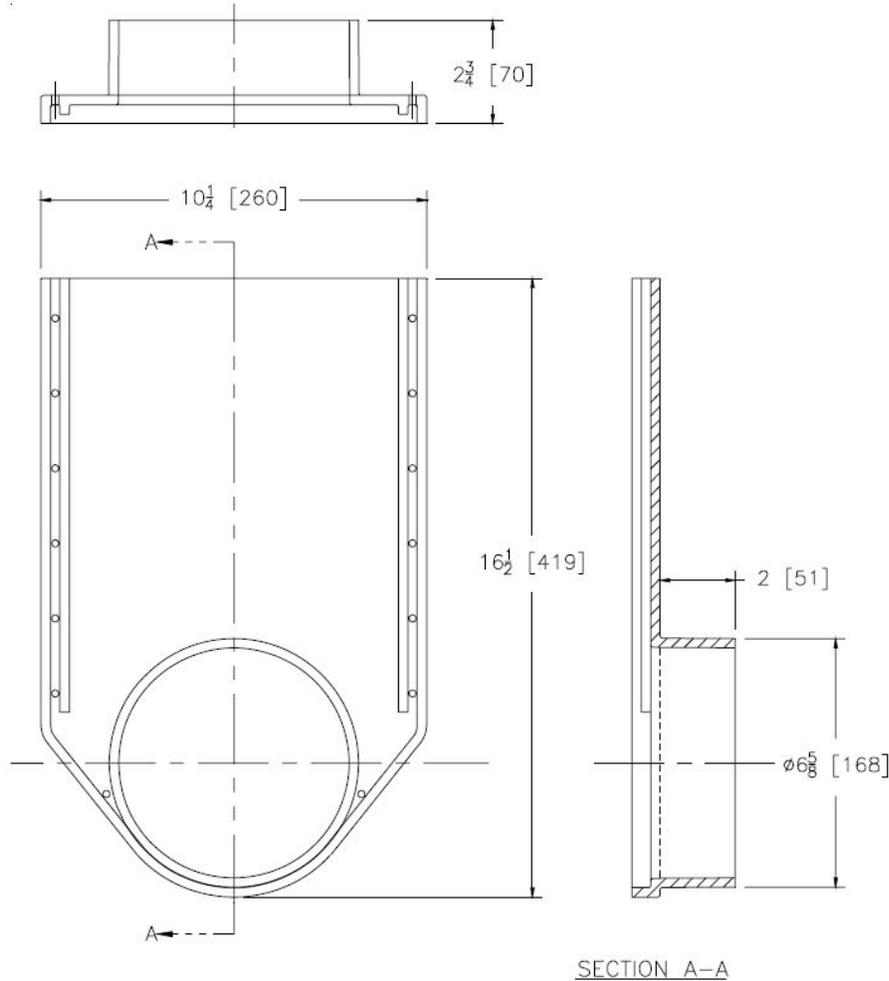
Manufacturer



ENGINEERING SPECIFICATION: ZURN Z882-E4
 6 [102] No-Hub End Outlet for 12 [301] wide Trench Drainage System.
 Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).
 **Unit to be cut in field per channel depth.

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Number Z882 E6 6" Outlet End Cap	Series CPZ882 HDPE Endcaps Z882 Series
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Please Check	Item No.	Part Number	Item I.D.
✓	3	62205-003	P882-E6

Manufacturer



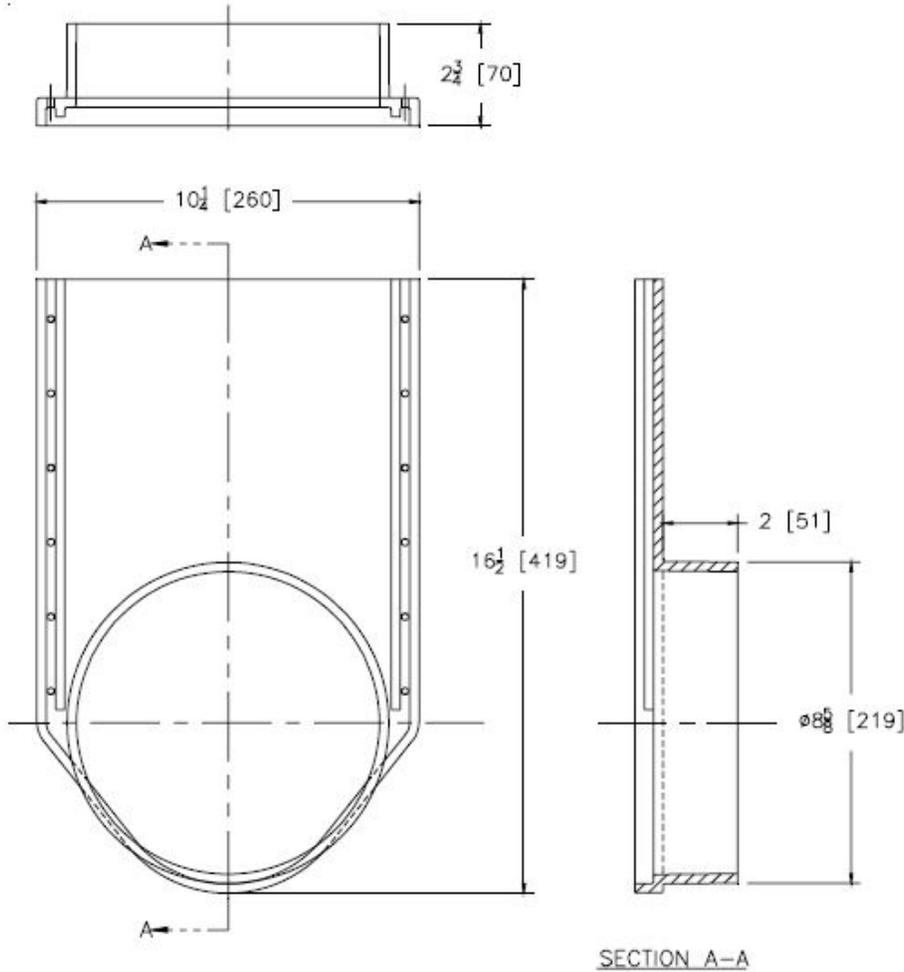
ENGINEERING SPECIFICATION: ZURN Z882-E6

6 [152] No-Hub End Outlet for 12 [301] wide Trench Drainage System. Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).

****Unit to be cut in field per channel depth.**

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<p>Number Z882 E8 8" Outlet End Cap</p>	<p>Series CPZ882 HDPE Endcaps Z882 Series</p>
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Please Check	Item No.	Part Number	Item I.D.
✓	4	62205-004	P882-E8

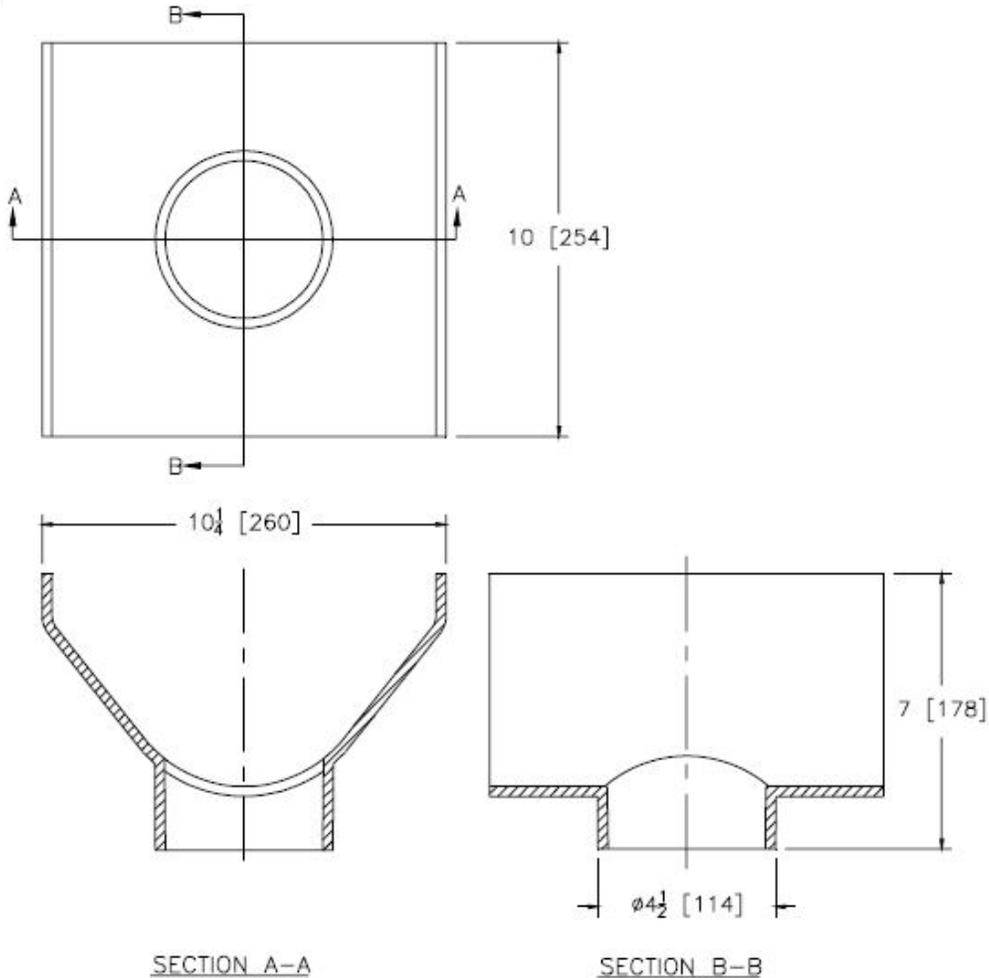
Manufacturer



ENGINEERING SPECIFICATION: ZURN Z882-E8
 8 [203] No-Hub End Outlet for 12 [301] wide Trench Drainage System.
 Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).
****Unit to be cut in field per channel depth.**

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Number Z882 U4 4" Bottom Outlet	Series CPZ882 HDPE Endcaps Z882 Series
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Please Check	Item No.	Part Number	Item I.D.
✓	5	62206-001	P882-U4

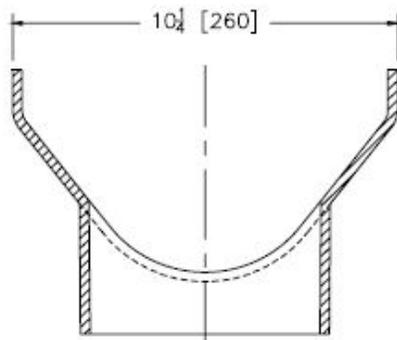
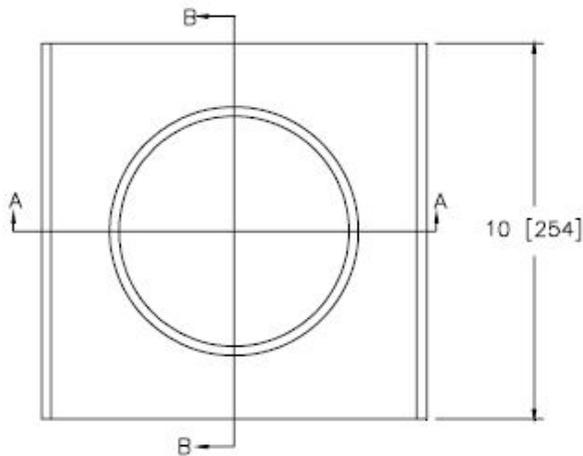
Manufacturer



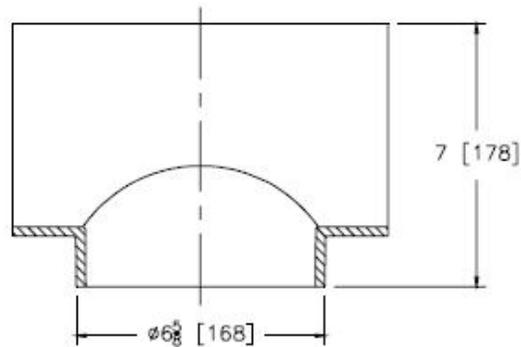
ENGINEERING SPECIFICATION: ZURN Z882-U4
 4 [102] No-Hub Bottom Outlet for 12 [301] wide Trench Drainage System. Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).
****Unit to be cut in field per channel depth.**

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Number Z882 U6 6" Bottom Outlet	Series CPZ882 HDPE Endcaps Z882 Series
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SECTION A-A



SECTION B-B

Please Check	Item No.	Part Number	Item I.D.
✓	6	62206-002	P882-U6

Manufacturer



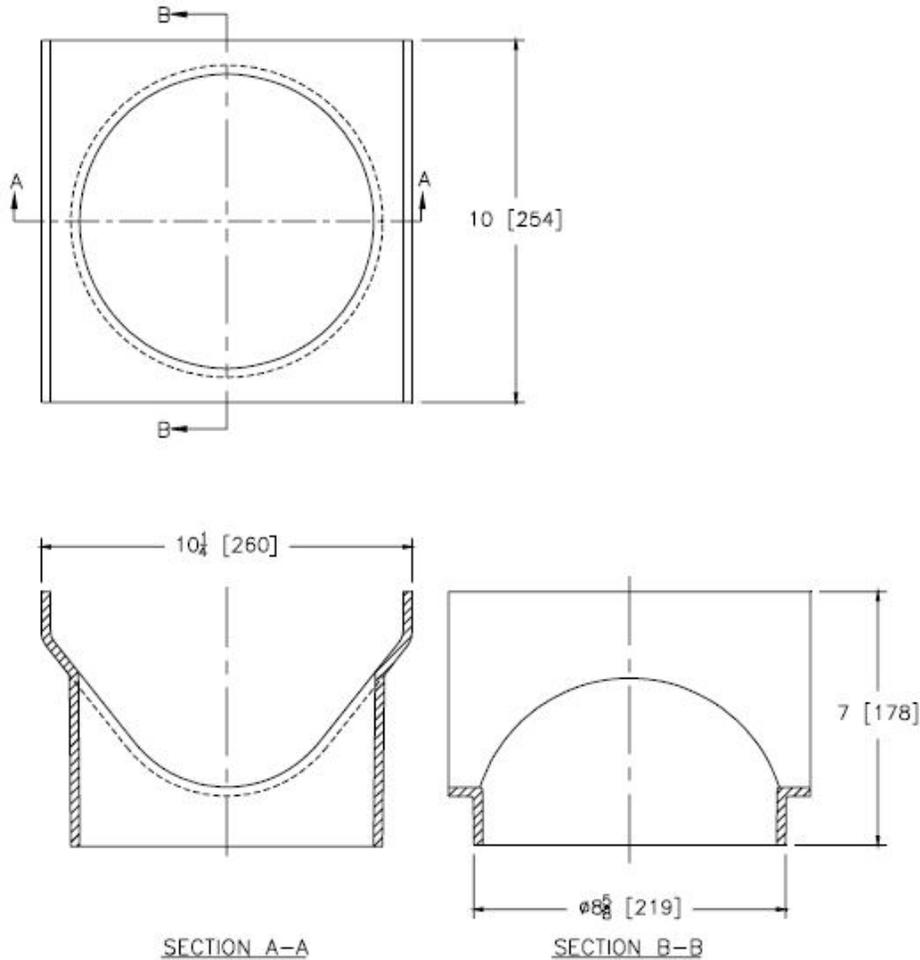
ENGINEERING SPECIFICATION: ZURN Z882-U6

6 [152] No-Hub Bottom Outlet for 12 [301] wide Trench Drainage System. Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).

****Unit to be cut in field per channel depth.**

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Number Z882 U8 8" Bottom Outlet	Series CPZ882 HDPE Endcaps Z882 Series
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Please Check	Item No.	Part Number	Item I.D.
✓	7	62206-003	P882-U8

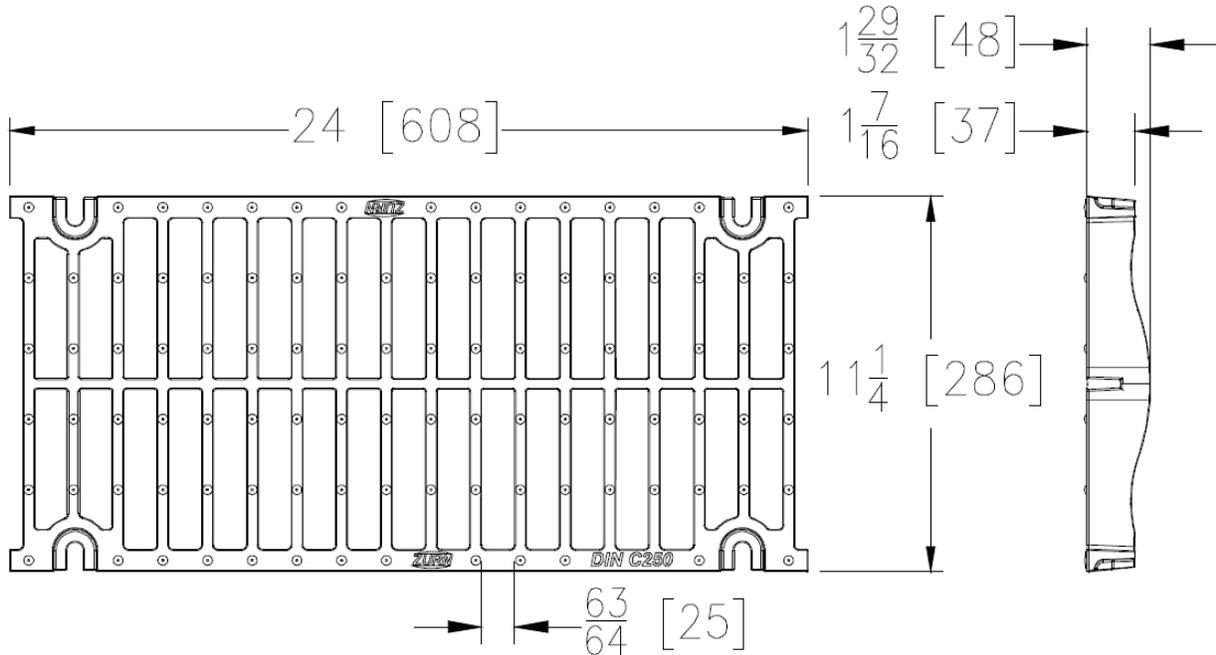
Manufacturer



ENGINEERING SPECIFICATION: ZURN Z882-U8
 8 [203] No-Hub Bottom Outlet for 12 [301] wide Trench Drainage System. Outlet is made of 1/4 [6] thick HDPE and is designed for No-Hub applications using an adapter (Supplied by other).
 **Unit to be cut in field per channel depth.

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Number 84225	Series Z882-DGC C Class Ductile Iron Grate P12-DGC
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Specification

The Zurn P12-DGC Slotted Grate, Ductile Iron, is 11-1/4 inches wide by 24 inches long, weighing 14.7 lbs per linear foot. The grate has an open area of 86.7 square inches per linear foot, DIN Rating of C, ANSI Rating of Heavy-Duty, H-20 Load Rated. Supplied by Trench Drain Supply.

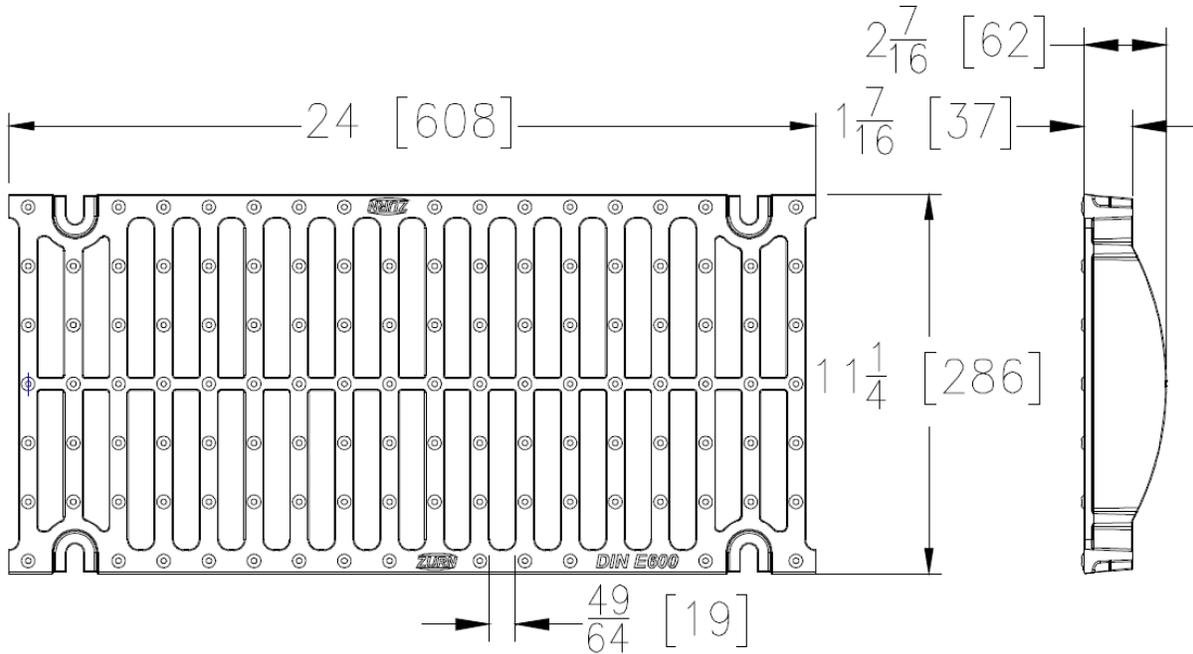
DGC -Ductile Iron	
Material:	Ductile Iron
DIN Rating:	Class C
Weight:	14.7 lbs/ft.
Open Area:	86.7 in ² /ft.
ANSI Rating:	Heavy-Duty
Application:	Vehicle & Truck
Slot Width/Hole Size:	63/64"
ADA:	No
H-20:	Yes
FAA:	No

Manufacturer



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Number 82038	Series Z882-DGE E Class Ductile Iron Grate P12-DGE
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Specification

The Zurn P12-DGE Slotted Grate, Ductile Iron, is 11-1/4 inches wide by 24 inches long, weighing 19.8 lbs per linear foot. The grate has an open area of 60.3 square inches per linear foot, DIN Rating of E, ANSI Rating of Special-Duty, H-20 Load Rated, FAA Load Rated. Supplied by Trench Drain Supply.

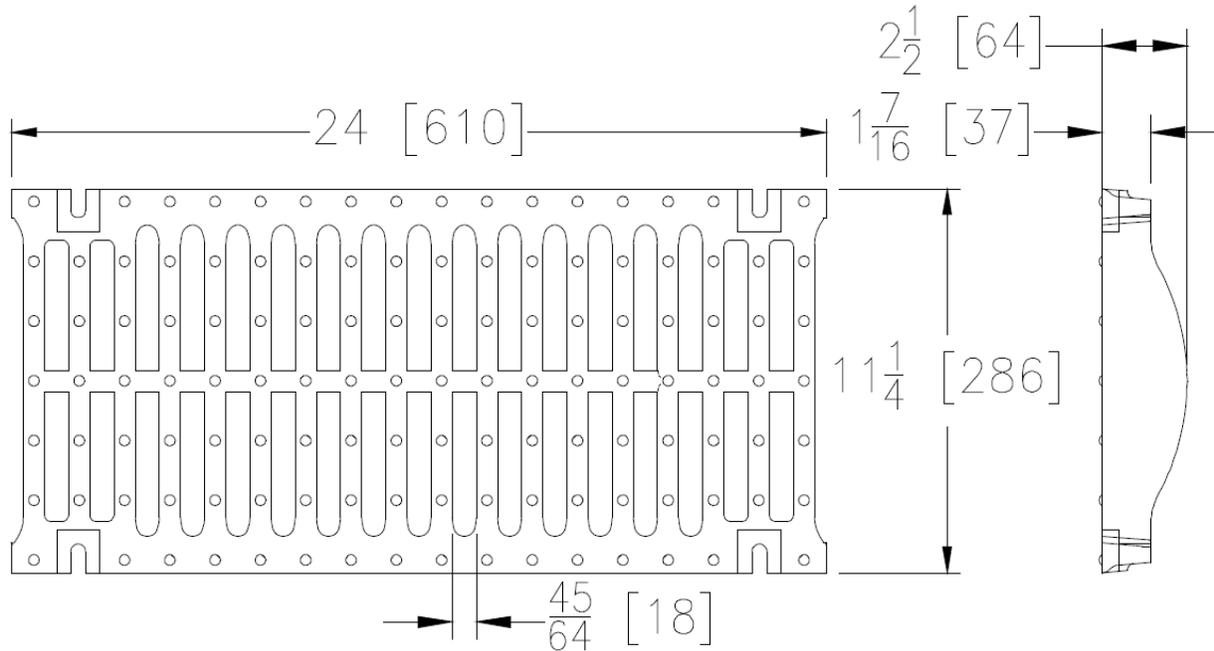
DGE - Ductile Iron Slotted	
Material:	Ductile Iron
DIN Rating:	Class E
Weight:	19.8 lbs/ft.
Open Area:	60.3 in ² /ft.
ANSI Rating:	Special-Duty
Application:	Hard Wheel & Truck
Slot Width/Hole Size:	49/64"
ADA:	No
H-20:	Yes
FAA:	Yes

Manufacturer



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Number 65868	Series Z882-DGF F Class Ductile Iron Grate P12-DGF
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Specification

The Zurn P12-DGF Slotted Grate, Ductile Iron, is 11-1/4 inches wide by 24 inches long, weighing 26 lbs per linear foot. The grate has an open area of 54 square inches per linear foot, DIN Rating of F, ANSI Rating of Special-Duty, H-20 Load Rated, FAA Load Rated. Supplied by Trench Drain Supply.

DGF - Ductile Iron Slotted	
Material:	Ductile Iron
DIN Rating:	Class F
Weight:	26 lbs/ft.
Open Area:	54 in ² /ft.
ANSI Rating:	Special-Duty
Application:	Dynamic loads
Slot Width/Hole Size:	45/64"
ADA:	No
H-20:	Yes
FAA:	Yes

Manufacturer



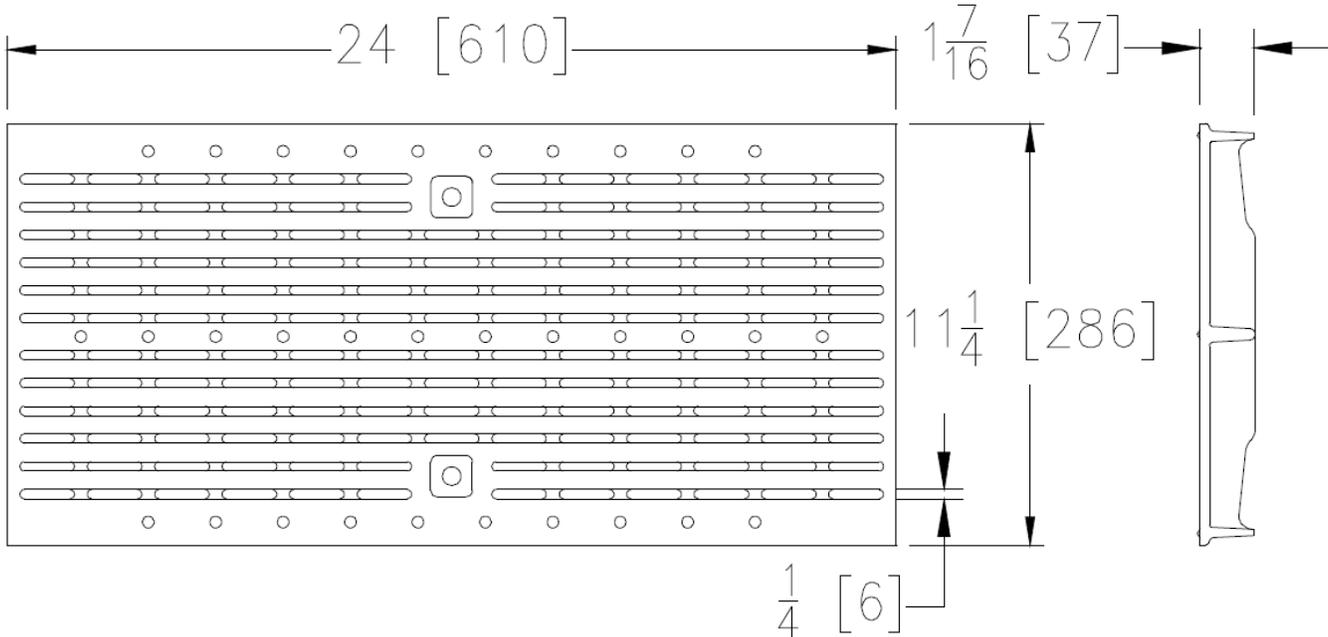
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Number

61015

Series

Z882-HPD
B Class Ductile Iron Grate
P12-HPD



Specification

The Zurn P12-HPD Heel-Proof Longitudinal, Ductile Iron Grate, is 11-1/4 inches wide by 24 inches long, weighing 14 lbs per linear foot. The grate has an open area of 33.7 square inches per linear foot, DIN Rating of B, ANSI Rating of Medium-Duty, ADA compliant. Supplied by Trench Drain Supply.

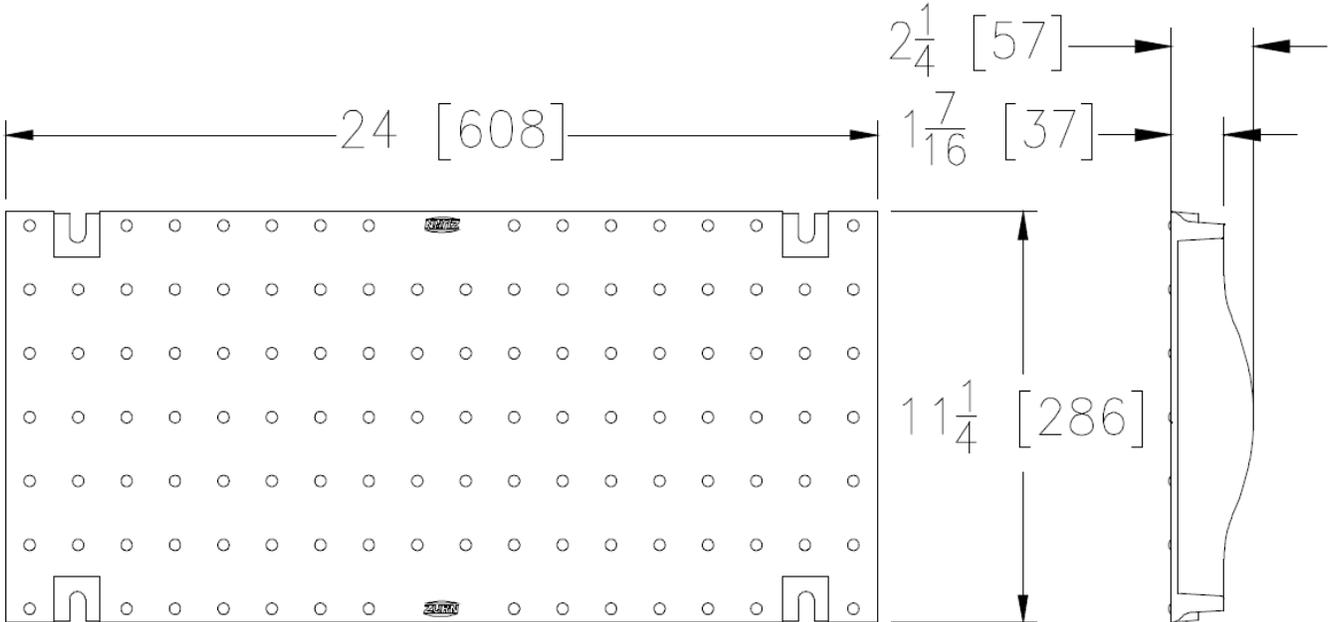
HPD - Heel-Proof	
Material:	Ductile Iron
DIN Rating:	Class B
Weight:	14 lbs/ft.
Open Area:	33.7 in ² /ft.
ANSI Rating:	Medium-Duty
Application:	Heel-Proof, Pedestrian
Slot Width/Hole Size:	1/4"
ADA:	Yes
H-20:	No
FAA:	No

Manufacturer



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Number 66352	Series Z882-DC E Class Ductile Iron Solid Cover P12-DC
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Specification

The Zurn P12-DC Solid Cover, Ductile Iron, is 11-1/4 inches wide by 24 inches long, weighing 27.9 lbs per linear foot. The solid cover has a DIN Rating of E, ANSI Rating of Special-Duty, ADA Compliant, H-20 Load Rated and FAA Load Rated. Supplied by Trench Drain Supply.

DC - Solid Cover Ductile	
Material:	Ductile Iron
DIN Rating:	Class E
Weight:	27.9 lbs/ft.
Open Area:	N/A
ANSI Rating:	Special-Duty
Application:	Hard Wheel Loads
Slot Width/Hole Size:	N/A
ADA:	Yes
H-20:	Yes
FAA:	Yes

Manufacturer



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