

**CPZ883 Shallow Complete Kit**

Series

**CPZ883**

Cut Sheet

Zurn Z883 Series

**6" Wide Reveal Zurn Z883 Shallow Trench Drain Kit****Z883 Shallow Kit****A Class - FG Galvanized  
Slotted Grate Standard****New Zurn Z883 Shallow Trench Drain Complete Kit  
6" Inch Wide - A Class Galvanized Steel Grate Standard.****Complete system - Each Kit Includes:**

- Specified Number of 40" Sections of Trench Drain Channel.
- Specified Number of 40" A Class Galvanized Steel Slotted Grates Standard.
- 1 Solid End Cap - 1 Outlet End Cap.
- Galvanized Lock Hardware for the Grates.

**Z883 Features and Benefits:**

- 40" Modular Sections with 20" and 40" Grates.
- Smooth Seamless Construction - Clean, Sanitary Installation.
- 3-1/2" Trench Depth. For Depth Restricted Applications.
- Variety of Gratings. Able to Meet Specific Job Requirements.
- Durable and Lightweight.

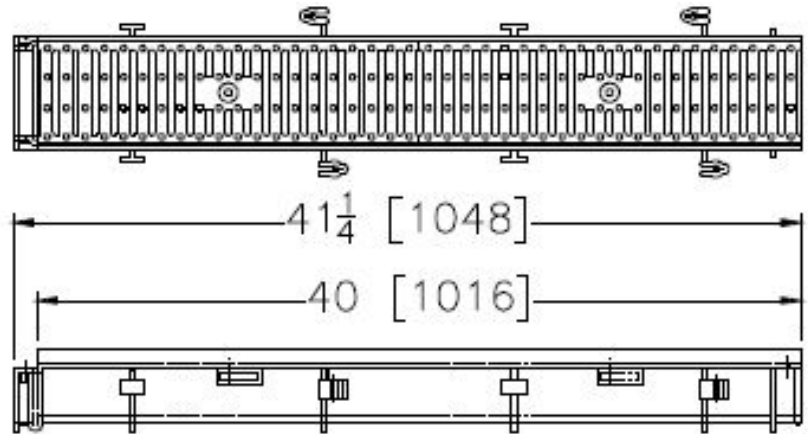
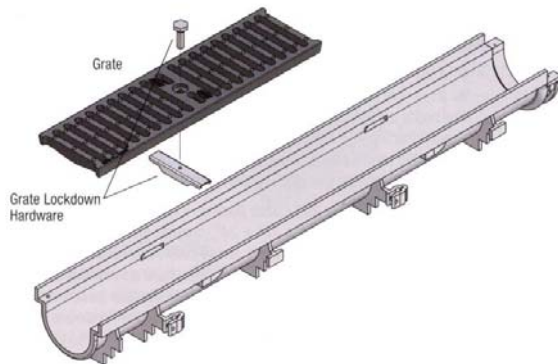


1-877-903-7246

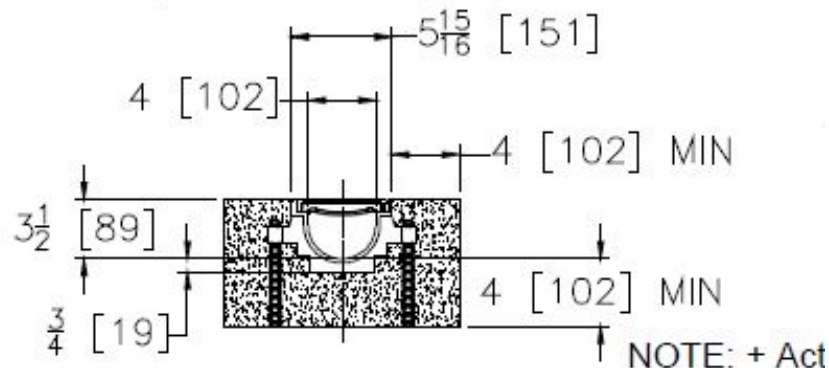


www.trenchdrainsupply.com

Number <b>Z883 Shallow Channel</b>	Series <b>CPZ883</b> HDPE Channel Z883 Series
---------------------------------------	--



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



#### ENGINEERING SPECIFICATION: Zurn Z883

Channels shall be 40" [1016mm] long, 6" [152mm] wide reveal and have a 4" [102mm] throat. Modular channel sections shall be made of 0% water absorbent Polypropylene. Shall have a positive mechanical connection between channel sections that will not separate during the installation and shall mechanically lock into the concrete surround a minimum of every 10" [254mm]. Channels shall weigh less than 2.31 lbs. [1.05kg] per linear foot, have a smooth, 2" [51mm] radiused self cleaning bottom with a Manning's coefficient of .009 and 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 with lockdown bars to the channel and is not intended for dynamic traffic loadings. Zurn 5.375" [137mm] 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 20" [508mm] nominal lengths with .50" [13mm] wide slots, and .75" [19mm] bearing depth. Grate has an open area of 28.1 sq. in per ft. [59,463 sq. mm per meter].

#### Manufacturer



DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246

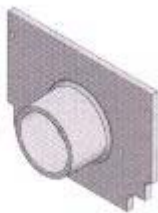


www.trenchdrainsupply.com

Number <b>Z883 Accessories</b>	Series <b>CPZ883</b> Accessories Z883 Series
-----------------------------------	---



Closed End Cap  
(E1)

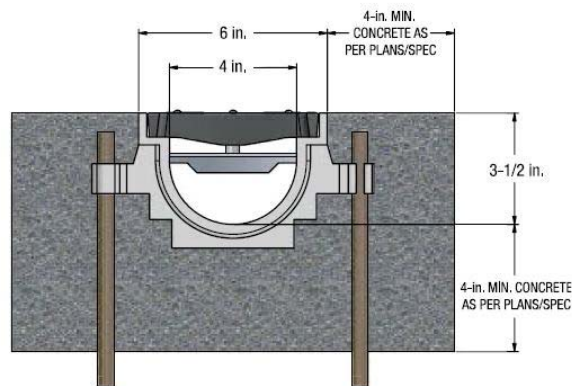


End Outlet  
(2" NH)



Bottom Outlet  
(2" , 3" , 4" NH)

#### Installation Specification



4" Throat / 6" Overall Width

Consult Plans and Specifications

#### Manufacturer



TRENCH NUMBER	DIMENSIONS IN INCHES [MM]		APPROX. WEIGHT LESS GRATE (LBS. [KG])
	C OVERALL DEPTH MIN.	D OVERALL DEPTH MAX.	
Z883	3.5 [88.9]	3.5 [88.9]	4 [1.8]

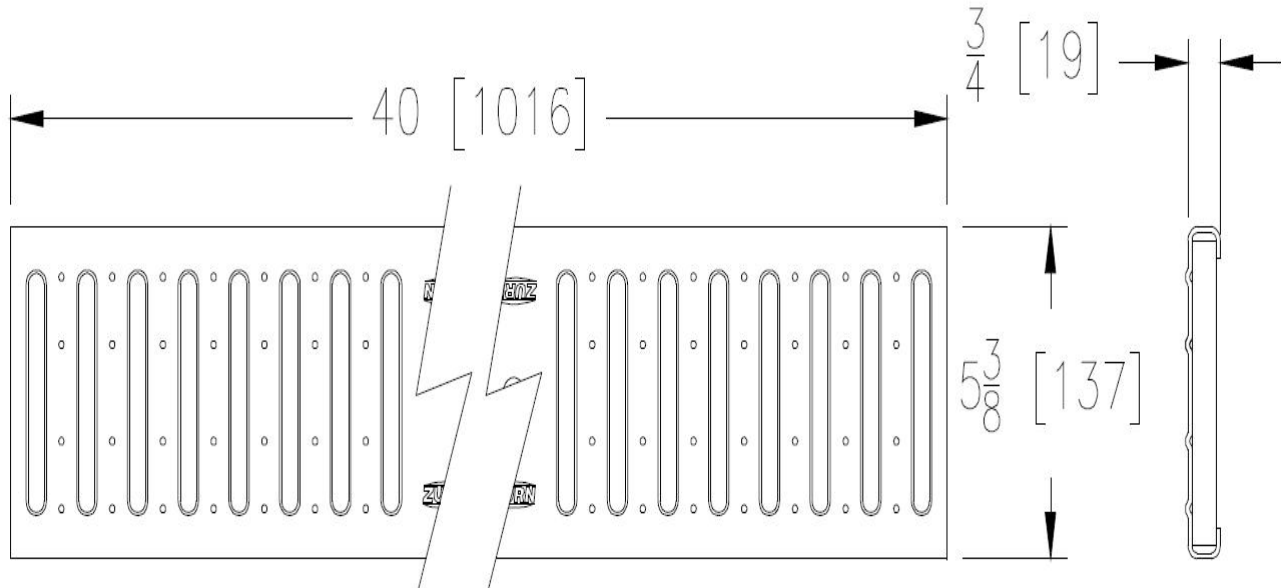
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>64063</b>	<b>Z886-FG</b> A Class Slotted Galvanized Steel Grate P6-FG



### Specification

The Zurn P6-FG Fabricated Slotted, Galvanized Steel Grate, is 5-3/8 inches wide by 40 inches long, weighing 1.7 lbs per linear foot. The grate has an open area of 12.0 square inches per linear foot, DIN Rating of A, ANSI Rating of Light-Duty. Galvanizing conforms to ASTM specification A653, Galvanized Coating designation G60, minimum spangle. Supplied by Trench Drain Supply.



FG - Fabricated Slotted	
Material:	Galvanized Steel
DIN Rating:	Class A
Weight:	1.7 lbs/ft.
Open Area:	12.0 in <sup>2</sup> /ft.
ANSI Rating:	Light-Duty
Application:	Pedestrian Traffic
Slot Width/Hole Size:	3/8"
ADA:	No
H-20:	No
FAA:	No

### Manufacturer



DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

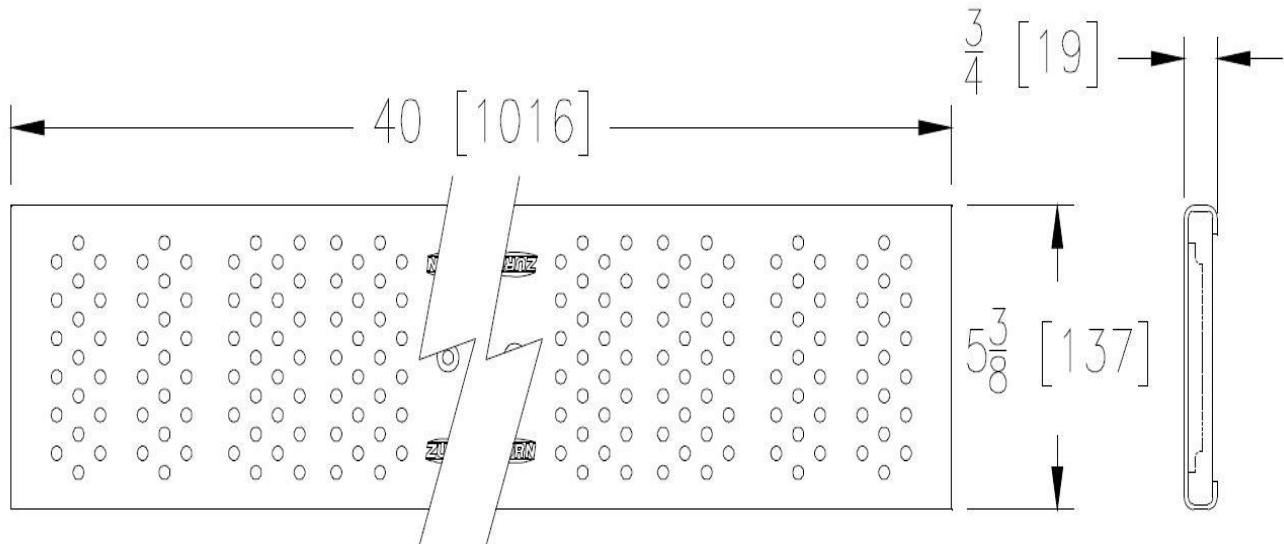


1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>64078</b>	<b>Z886-PG</b> A Class Perforated Galvanized Steel Grate P6-PG



### Specification

The Zurn P6-PG Fabricated Perforated, Galvanized Steel Grate, is 5-3/8 inches wide by 40 inches long, weighing 1.6 lbs per linear foot. The grate has an open area of 5.3 square inches per linear foot, DIN Rating of A, ANSI Rating of Light Duty, ADA Compliant. Galvanizing conforms to ASTM specification A653, Galvanized Coating designation G60, minimum spangle. Supplied by Trench Drain Supply.



### PG - Fabricated Perforated

Material: Galvanized Steel

DIN Rating: Class A

Weight: 1.6 lbs/ft.

Open Area: 5.3 in<sup>2</sup>/ft.

ANSI Rating: Light Duty

Application: Heel-Proof pedestrian

Slot Width/Hole Size: 1/4"

ADA: Yes

H-20: No

FAA: No

### Manufacturer



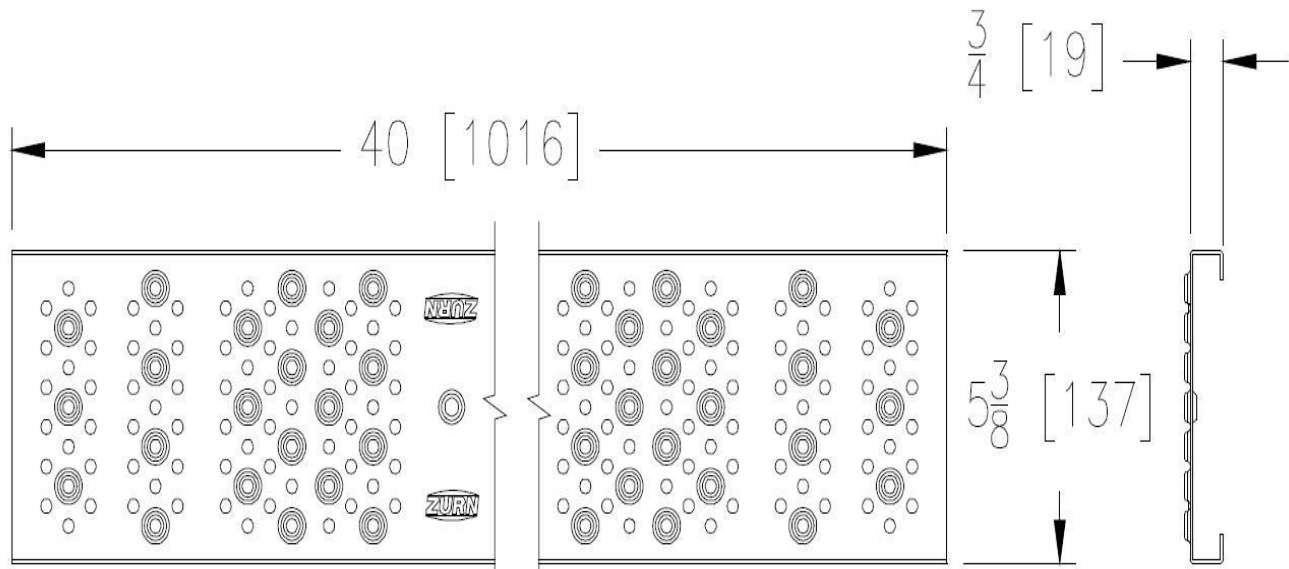
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>301238</b>	<b>Z886-PGR</b> A Class Perforated Galvanized Steel Grate P6-PGR



### Specification

The Zurn P6-PGR Fabricated Raised Perforated, Galvanized Steel Grate, is 5-3/8 inches wide by 40 inches long, weighing 1.8 lbs per linear foot. The grate has an open area of 5.3 square inches per linear foot, DIN Rating of A, ANSI Rating of Light Duty, ADA Compliant. Galvanizing conforms to ASTM Specification A653. Galvanized coating designation G60, minimum spangle. Supplied by Trench Drain Supply.



### PGR - Raised Perforated

Material: Galvanized Steel

DIN Rating: Class A

Weight: 1.8 lbs/ft.

Open Area: 5.3 in<sup>2</sup>/ft.

ANSI Rating: Light Duty

Application: Heel-Proof pedestrian

Slot Width/Hole Size: 1/4"

ADA: Yes

H-20: No

FAA: No

### Manufacturer



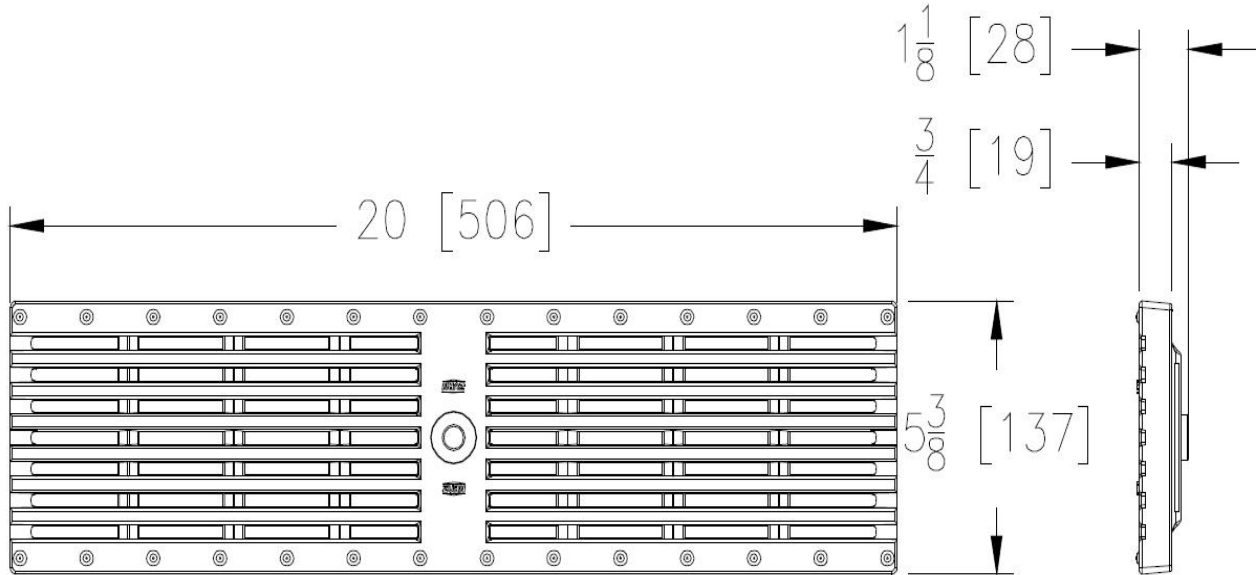
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
94001	Z886-HPP A Class High Density Polyethylene Grate P6-HPP



### Specification

The Zurn P6-HPP Heel-Proof Slotted, High Density Polyethylene (HDPE) grate, is 5-3/8 inches wide by 20 inches long, weighing .9 lbs per linear foot. The grate has an open area of 14.5 square inches per linear foot, DIN Rating of A, ANSI Rating of Light-Duty, ADA compliant. Supplied by Trench Drain Supply.

#### HPP - Heel-Proof Slotted

Material:	HDPE
DIN Rating:	Class A
Weight:	.9 lbs/ft.
Open Area:	14.5 in <sup>2</sup> /ft.
ANSI Rating:	Light-Duty
Application:	Heel-Proof, Pedestrian
Slot Width/Hole Size:	1/4"
ADA:	Yes
H-20:	No
FAA:	No

#### Manufacturer



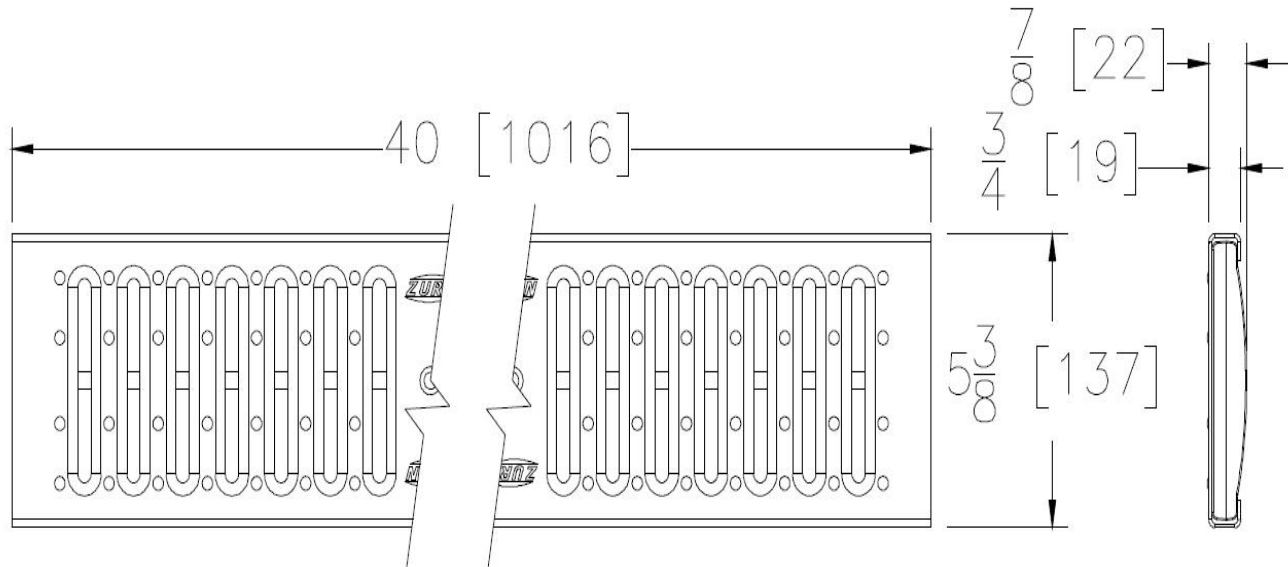
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>308430</b>	<b>Z886-RFGC</b> C Class Reinforced Galvanized Steel Grate P6-RFGC



### Specification

The Zurn P6-RFGC Reinforced Slotted, Galvanized Steel Grate, is 5-3/8 inches wide by 40 inches long, weighing 4.8 lbs per linear foot. The grate has an open area of 12.0 square inches per linear foot, DIN Rating of C, ANSI Rating of Heavy-Duty. H-20 load rated. Galvanized Sheet conforms to ASTM specification A653, Galvanized Coating designation G60, minimum spangle. Hot Dip Galvanizing on Reinforcement conforms to ASTM Specification A123. Supplied by Trench Drain Supply.

RFGC - Reinforced Slotted	
Material:	Galvanized Steel & Galvanized Ductile Iron
DIN Rating:	Class C
Weight:	4.8 lbs/ft.
Open Area:	12.0 in <sup>2</sup> /ft.
ANSI Rating:	Heavy-Duty
Application:	Roadway
Slot Width/Hole Size:	3/8"
ADA:	No
H-20:	Yes
FAA:	No

### Manufacturer



DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

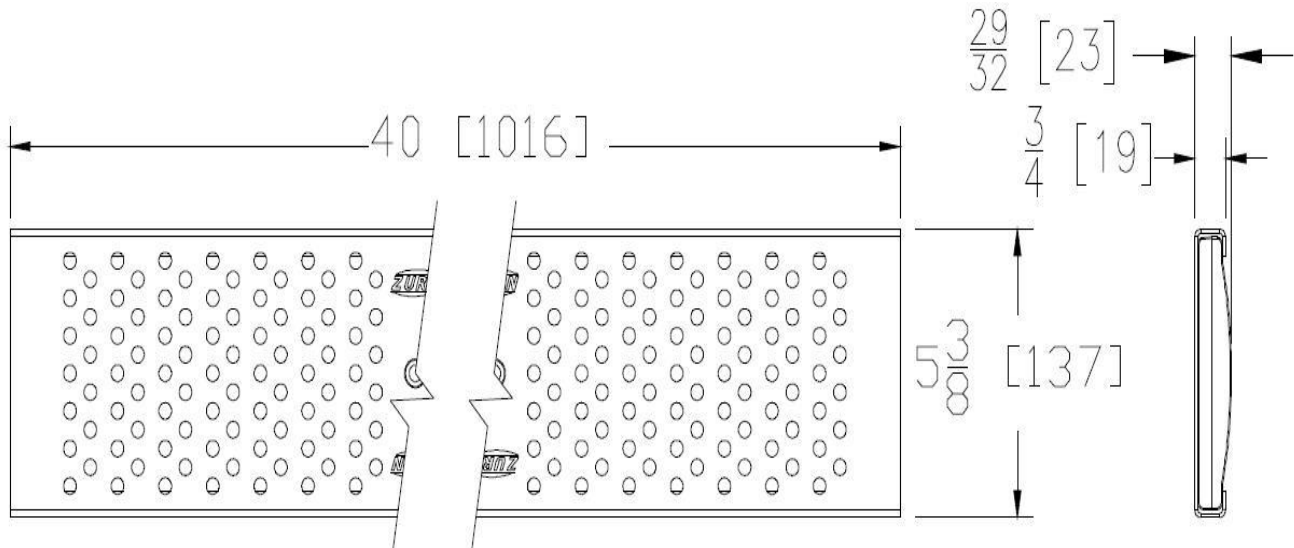


1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>308342</b>	<b>Z886-RPGC</b> C Class Reinforced Galvanized Steel Grate P6-RPGC



### Specification

The Zurn P6-RPGC Reinforced Perforated, Galvanized Steel Grate, is 5-3/8 inches wide by 40 inches long, weighing 4.7 lbs per linear foot. The grate has an open area of 8.3 square inches per linear foot, DIN Rating of C, ANSI Rating of Heavy-Duty, ADA Compliant, H-20 Load Rated. Galvanized Sheet conforms to ASTM specification A653, Galvanized Coating designation G60, minimum spangle. Hot Dip Galvanizing on Reinforcement conforms to ASTM Specification A123. Supplied by Trench Drain Supply.

RPGC - Reinforced Perforated	
Material:	Galvanized Steel & Galvanized Ductile Iron
DIN Rating:	Class C
Weight:	4.7 lbs/ft.
Open Area:	8.3 in <sup>2</sup> /ft.
ANSI Rating:	Heavy-Duty
Application:	Roadway
Slot Width/Hole Size:	5/16"
ADA:	Yes
H-20:	Yes
FAA:	No

### Manufacturer



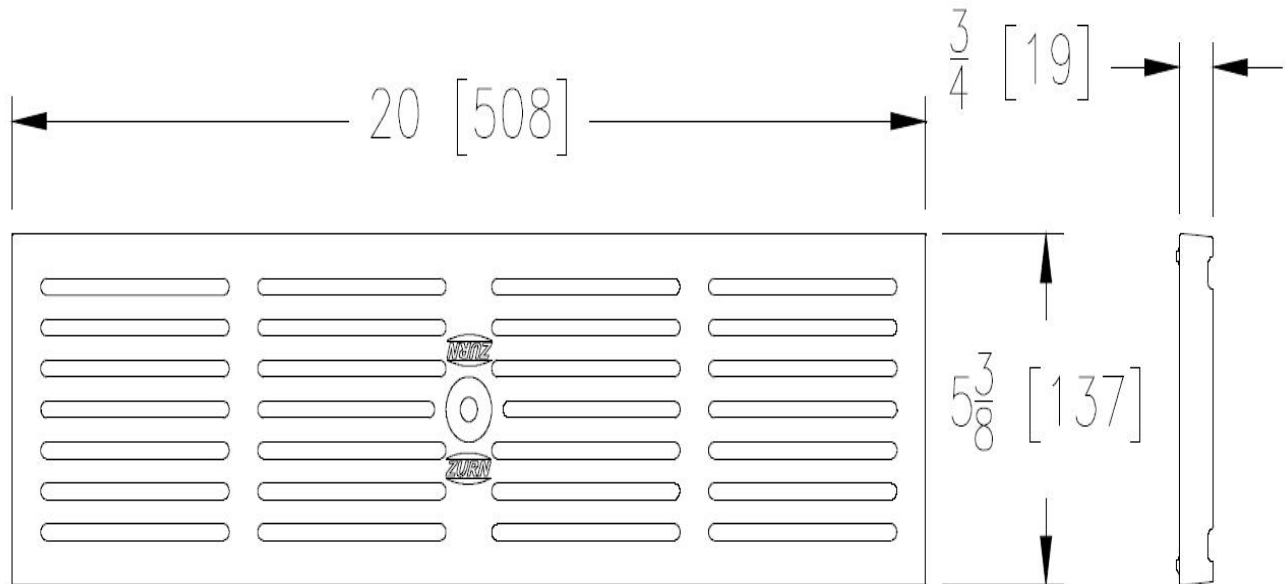
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
<b>58524</b>	<b>Z886-HPD</b> B Class Heel-Proof Ductile Iron Grate P6-HPD



### Specification

The Zurn P6-HPD Heel-Proof Slotted, Ductile Iron grate, is 5-3/8 inches wide by 20 inches long, weighing 6.3 lbs per linear foot. The grate has an open area of 17.0 square inches per linear foot, DIN Rating of B, ANSI Rating of Medium-Duty, ADA compliant. Supplied by Trench Drain Supply.

HPD - Heel-Proof Slotted	
Material:	Ductile Iron
DIN Rating:	Class B
Weight:	6.3 lbs/ft.
Open Area:	17.0 in <sup>2</sup> /ft.
ANSI Rating:	Medium-Duty
Application:	Heel-Proof
Slot Width/Hole Size:	1/4"
ADA:	Yes
H-20:	No
FAA:	No

### Manufacturer



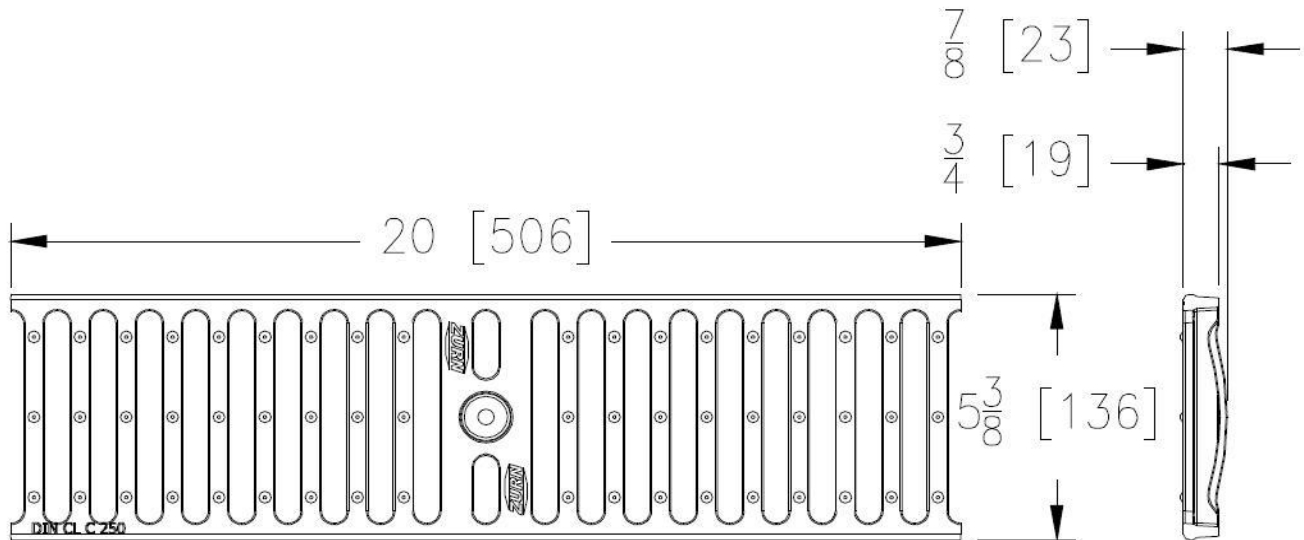
DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

1-877-903-7246



www.trenchdrainsupply.com

Number	Series
94472	<b>Z886-DGC</b> C Class Slotted Ductile Iron Grate P6-DGC



### Specification

The Zurn P6-DGC Slotted Grate, Ductile Iron Grate, is 5-3/8 inches wide by 20 inches long, weighing 4.5 lbs per linear foot. The grate has an open area of 28.1 square inches per linear foot, DIN Rating of C, ANSI Rating of Heavy-Duty, H-20 Load Rated. Supplied by Trench Drain Supply.

DGC - Slotted Grate	
Material:	Ductile Iron
DIN Rating:	Class C
Weight:	4.5 lbs/ft.
Open Area:	28.1 in <sup>2</sup> /ft.
ANSI Rating:	Heavy-Duty
Application:	Vehicle Traffic
Slot Width/Hole Size:	1/2"
ADA:	No
H-20:	Yes
FAA:	No

### Manufacturer



DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Supply and/or its manufacturers. TRENCH DRAIN SUPPLY MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTABILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.