WADE

WHF125

Hydro Flo



List Price Guide
Effective: January 1, 2025
Replaces all previous Price Lists

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WADE

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Hydro Flo

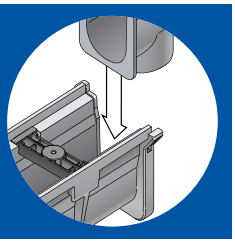
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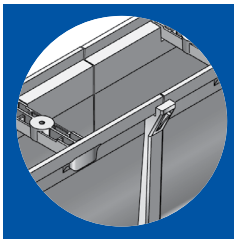
HDPE Specific Features & Benifits

ENGINEERING SPECIFICATIONS: Channels shall be 48" long, 6" wide , and have a 4" wide throat. Modular channel sections shall be made of High Density Polyethlene (HDPE), have interlocking tongue and groove ends, 2" radiused bottoms and supplied with blank plastic grate inserts and grate securing screws. Channel shall be either flat (nuetral) or with .7 % built in slope. Channels shall be available with inverts ranging from 4" to 12". Channels shall have rebar grips molded into the sides of the channel to accommodate #3 and #4 vertical rebar for positioning and anchoring purposes. Choices of class A, B, C, D, E and F grates shall be available with H-20 and/or FAA load ratings and/or ADA compliance with mechanical lockdown devices. End caps and catch basins shall be available to complement the channels and grates. End outlets and bottom outlets shall be available in 2", 3" 4" and 6" pipe sizes.

Interlocking tongue and groove joints

- Secures alignment
- Ensures straight channel runs
- Easy assembly and installation





DuraLoc™ integral joint lock

- Prevents joint movement during installation
- No extra clamps or screws needed

Various grating options

- Plastic grates
  - Array of colors
  - Pedestrian and light traffic rated
- Galvanized & stainless steel
  - Pedestrian & heavy traffic rated
- Cast & ductile iron
  - Class D heavy traffic rated (with frame)
- Decorative grates (ductile iron)
  - Standard black enamel coating or galvanized Class C traffic rated

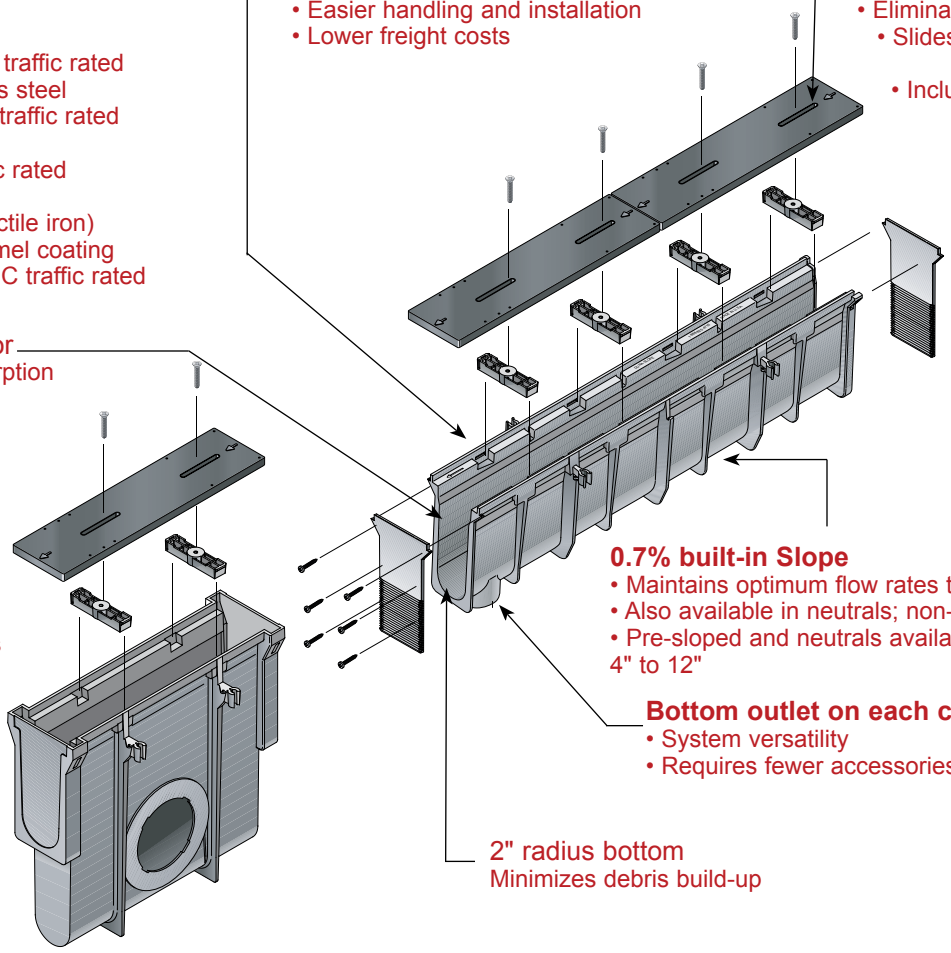
Lightweight 4ft modular sections

- Easier handling and installation
- Lower freight costs

Blank Grate Inserts

- Eliminates use of plywood
- Slides for overlapping of channel sections
- Includes grates screws

Smooth HDPE interior
Virtually no water absorption



HDPE MATERIAL

- Durable
- Inexpensive
- Less breakage versus concrete
- Chemical resistance

0.7% built-in Slope

- Maintains optimum flow rates throughout system
- Also available in neutrals; non-sloped sections
- Pre-sloped and neutrals available in depths from 4" to 12"

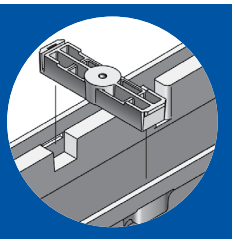
Bottom outlet on each channel section

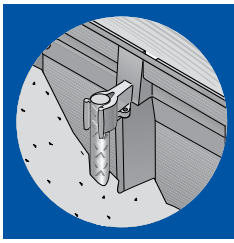
- System versatility
- Requires fewer accessories

2" radius bottom
Minimizes debris build-up

ProFit™ locking system

- Locks grate to integral frame
- Supports product in shipping and installation (included)



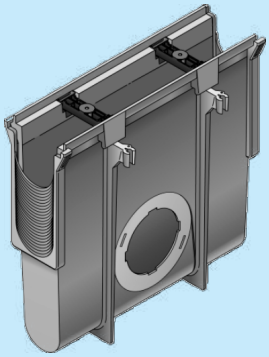


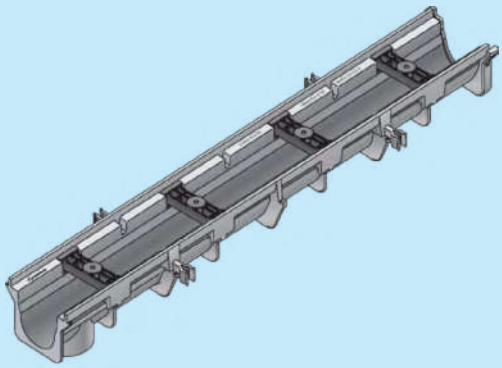
LeveLoc™ re-bar supports with integral protruding knob

- Levels channel and grips re-bar
- Requires fewer accessories
- Grips #3 and #4 rebar

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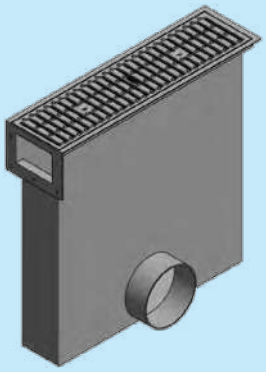
Hydro-Flo 6" Wide Products

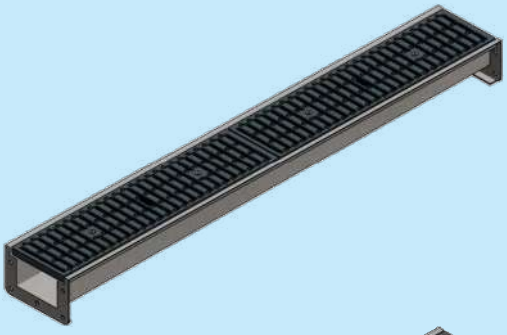


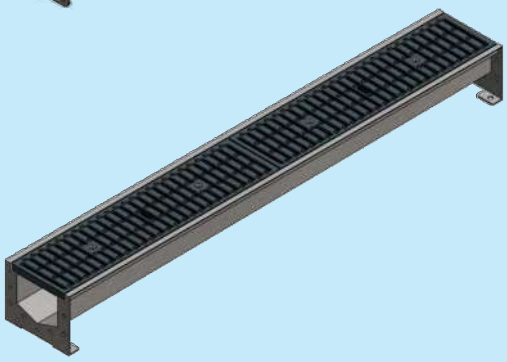


HDPE
Trench and Catch Basins

- Sloped & Neutral Sections
- 4" Wide Radius Bottom
- 6" Wide Grates
- Frames and Accessories
- Grate Options - Ductile Iron, Galvanized Steel, Nickel Bronze, Stainless Steel, Ductile Iron w/ Stainless Steel Veneer

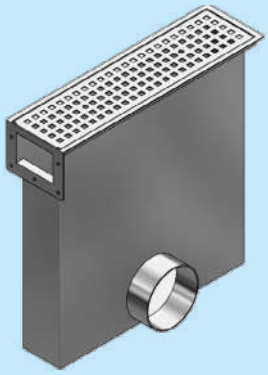


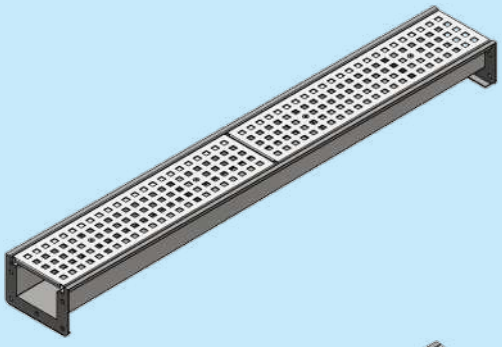


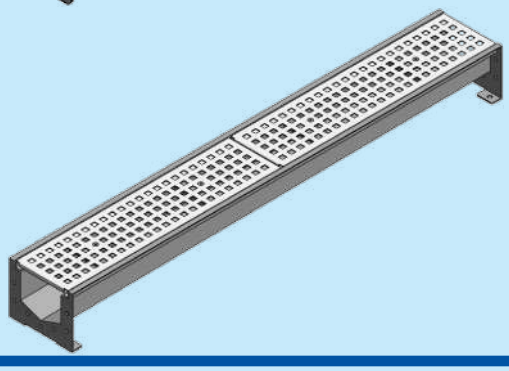


Carbon Steel
Trench and Catch Basins

- Sloped & Neutral Sections
- 4-1/2" Wide Flat or 'V' Bottom
- 6" Wide Grates
- Propritary ArmorClad Coating
- Additional Widths Available
- Fabrication Options - Tee, 90, 45, Cross
- Grate Options - Ductile Iron, Galvanized Steel, Stainless Steel, Plastic, Nickel Bronze
- Custom Edge Options Available







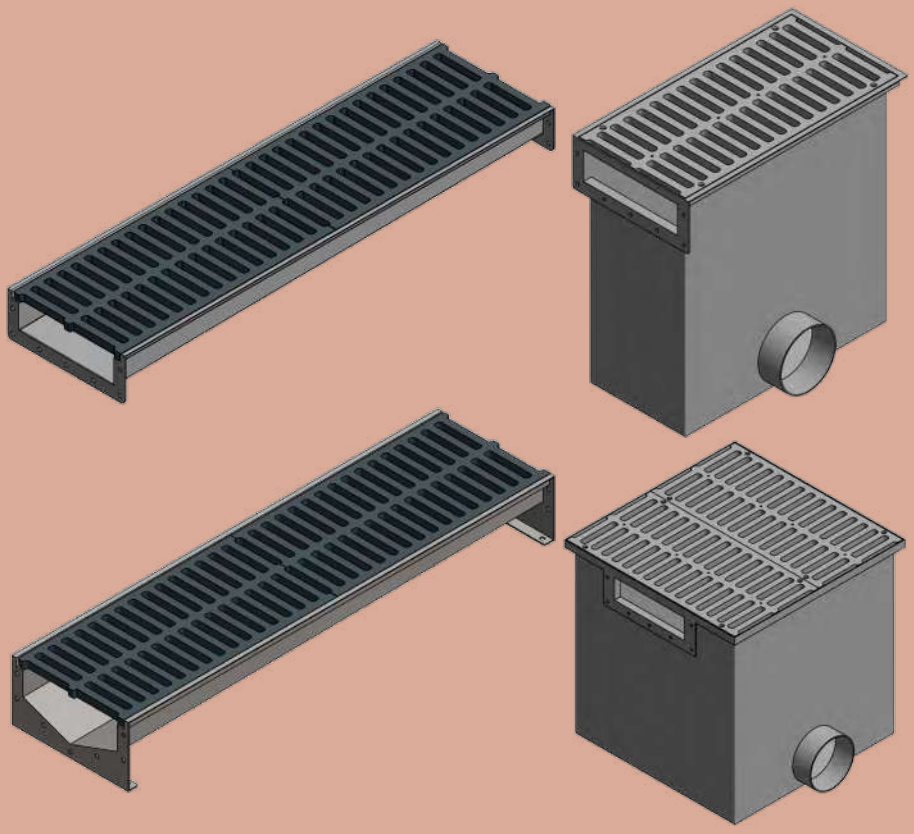
Stainless Steel
Trench and Catch Basins

- Sloped & Neutral Sections
- 4-1/2" Wide Flat or 'V' Bottom
- 6" Wide Grates
- Accessories
- Additional Widths Available
- Fabrication Options - Tee, 90, 45, Cross
- Grate Options - Stainless Steel, Plastic, Nickel Bronze, Ductile Iron w/ Stainless Steel Veneer
- Custom Edge Options Available

Hydro-Flo 12" Wide Products

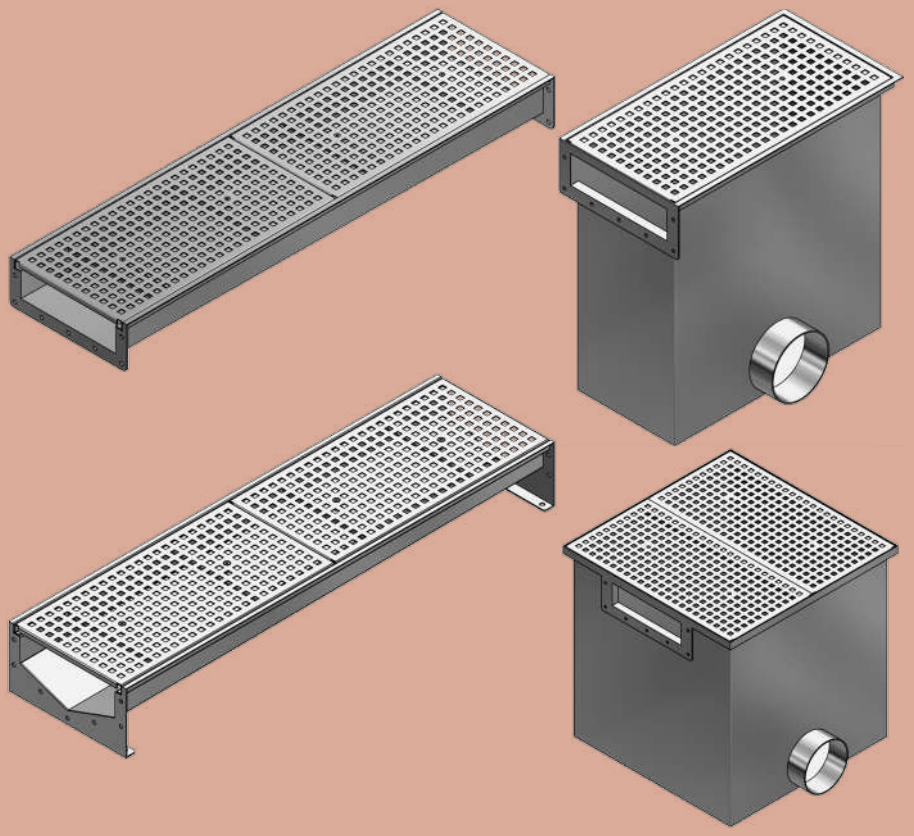
Carbon Steel
Trench and Catch Basins

- Sloped & Neutral Sections
- 10" Wide Flat or 'V' Bottom
- 12" Wide Grates
- Accessories
- Additional Widths Available
- Propritary ArmorClad Coating
- Grates Options - Ductile Iron, Galvanized Steel, Stainless Steel, Ductile Iron w/ Stainless Steel Veneer
- Custom Edge Options Available



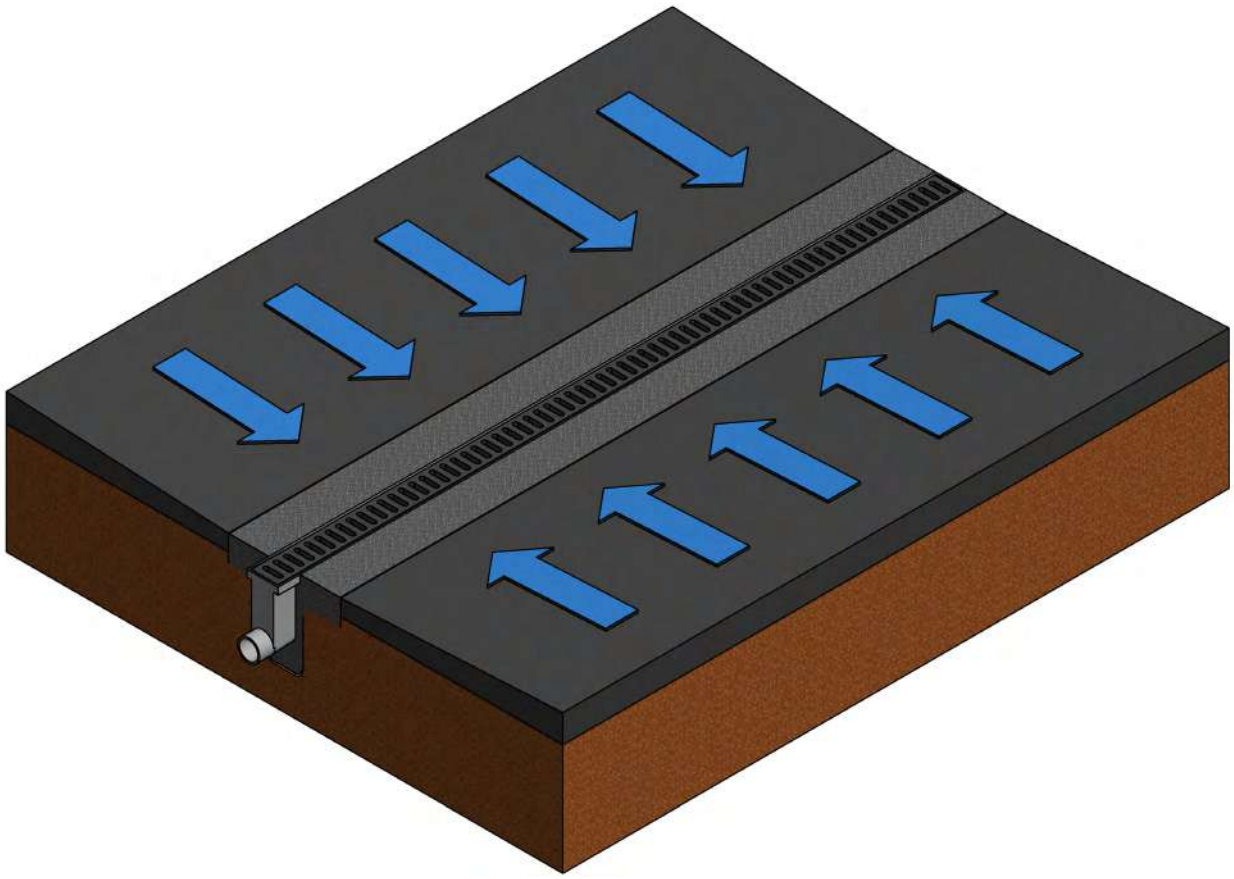
Stainless Steel
Trench and Catch Basins

- Sloped & Neutral Sections
- 10" Wide Flat or 'V' Bottom
- 12" Wide Grates
- Accessories
- Additional Widths Available
- Grate Options - Stainless Steel, Ductile Iron w/ Stainless Steel Veneer
- Custom Edge Options Available



Modular Trench Drain Features and Benifits

Modular Trench Drain	
Modular	Factory produced units offer consistent quality and can be produced with advanced shape profiles and built-in slope
Longevity	Reduced standing water extends service life especially in freeze / thaw environments
Safety	Superior liquid capture minimizes slip hazards to pedestrians vehicles
Environmental	Reduced standing water extends service life especially in freeze / thaw environments
Health	Standing water attracts insects and bacteria
Piping	Minimal underground pipe, related excavation and site work required
Grates	Narrow grates are significantly less costly, particularly in high load class applications
Grading	Simple one-way slopes; easy and quick to construct
Hydraulics	Narrow system with built-in slope increases velocity and system efficiency
Maintenance	Easy access to system along with increased velocity equals less sediment build-up and maintenance



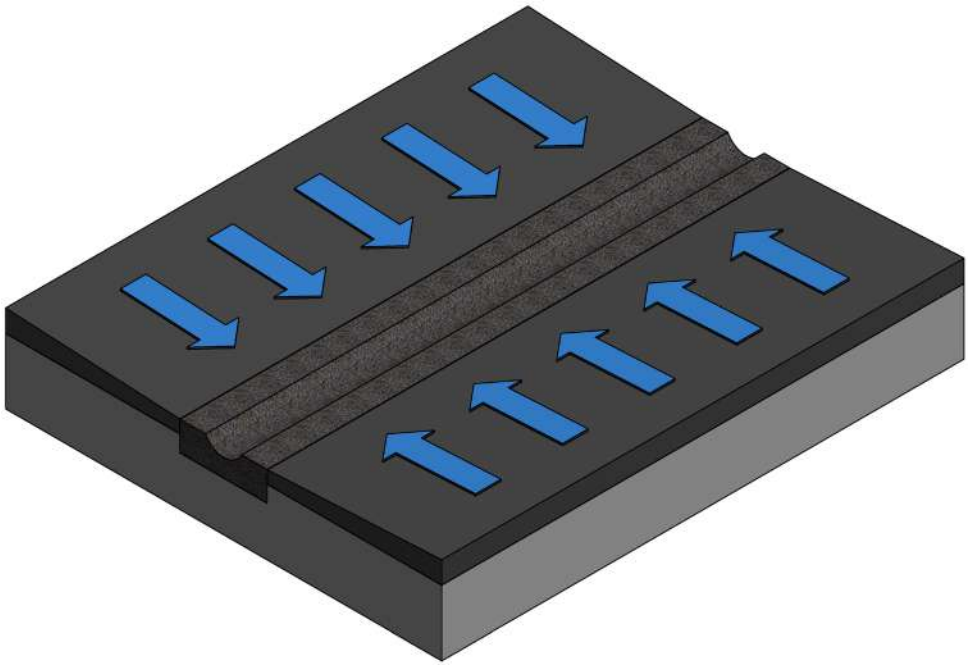
Alternatives to a Modular Trench

Cast In Place Trench Drain	
Deterioration	Concrete surface deteriorates especially in freeze / thaw environments resulting in reduced hydraulic performance and hard to clean surfaces
Larger Grates	Typically wider grates are more expensive particularly in higher load class applications.
Site Work	Excavation, formwork, construction plus creation of slope ‘U" & ‘V" profiles are difficult and time consuming to construct
Quality	Quality can vary greatly and be inconsistent depending upon the contractor. Difficult to achieve level grate and frame with good concrete support resulting in the common cause of many future failures

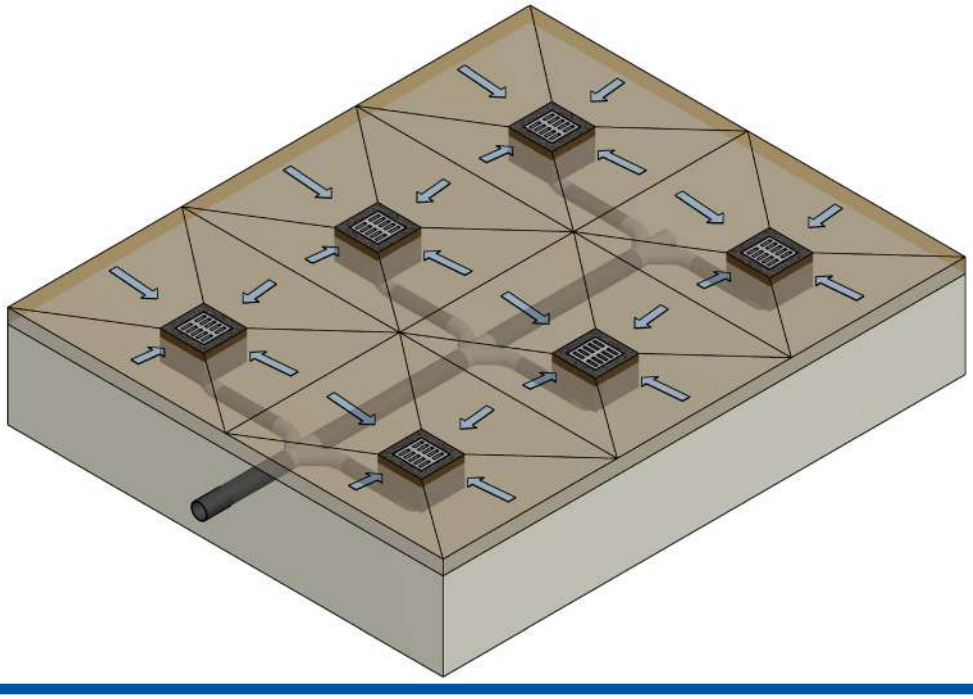
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Alternatives to a Modular Trench

Open Swale	
Low Cost	Relativity quick to create and reduced production costs
Inconvenience	Cannot be walked on, even in low rainfall
Maintenance	Easily blocked by build-up of debris requires frequent cleaning
Performance	Shallow inconsistent / irregular surface and lack of slope results in reduced flow



Catch Basin	
Grading	Complex four-way slopes can be difficult and time consuming to design and construct
Product Costs	Lower initial costs offset by higher pipe and installation costs
Piping	Extensive underground excavation and more costly piping.
Maintenance	Piping easily blocked by build-up of debris and requires frequent maintenance



Trench Drain Selection

A number of issues relating to where the drain is used are critical for proper drain selection. Incorrect product choice could lead to product failure, remediation costs, possible litigation or 'over-engineered' solutions.

1. Loading

Loading refers to any kind of traffic or load being applied to the trench and grate. Loading is categorized into several load classes (light, medium and heavy). Choosing the correct solution is determined by:

- Type of traffic - Pedestrians, cars, trucks, forklift, aircraft, etc.
- Wheel loads - Include vehicle, weight of load being carried and type of tire (solid or pneumatic).
- 'Unusual' traffic – i.e. dumpsters/snow plows being dragged across trench, etc.
- Frequency - Occasional versus frequent use may also affect product choice

2. Site Requirements

Specifics of installed environment may drive, or limit, the choice of trench drain and grate.

- Chemicals, or other corrosive elements may influence channel and grate material choices.
- Non-metallic trench drains may be required for factors other than chemical resistance - non-magnetic explosive environments (sparking) may be required in certain industrial applications.
- Environmental needs such as Sustainable Drainage, Low Impact Development (LID) or LEED qualification may be a determining factor in certain applications.

3. User Requirements

User requirements typically affect the grate, as that is the exposed part once trench drain is installed.

- Aesthetics - Intake shape (slots, holes or other shapes) and material (iron, stainless, plastic) can be chosen to complement surrounding landscape.
- Legal requirements typically relate to ADA compliance, heel safety and bicycle safe needs.
- Safety requirements typically refer to grate lock downs and special surfaces (slip resistance).

4. Hydraulics

- Area available for flow (channel width and depth) - The correct combination avoids unnecessary costs and/or flooding.
- Slope increases velocity providing a more efficient trench. Slope is added in 3 ways: - Sloping invert channels - Constant depth channels & ground slope - Combination of both
- Outlet size and position - Avoid restricting flow with small pipe - Central outlets may enable fewer outlets
- Grate intake - Open area (calculated by size and quantity of openings) and slot design affect how much water gets into trench, and rate of bypass (water flowing straight over grate).

5. Trench Layout & Installation

- Modular trench runs can be complex and time consuming, particularly where multiple trench runs are involved. In addition, when materials arrive on site, determining what channel sections go where can be challenging. Wade offers design services to insure this part of the process is efficient.
- Even the properly specified product can fail if it is incorrectly installed. To insure Hydro-Flo preforms as expected, our in house technical support staff can offer advice on most installation issues, such as concrete surrounds, trench details and installation method options.

Grate Load Classification

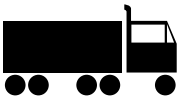
DIN 19580		
Load Class	**Save Live Load (Lbs.)**	**Application**
A	3,372	Light Pedestrian Traffic
B	28,100	Sidewalks and Private Parking Areas
C	56,200	Commercial Parking Areas and General Commercial
D	89,920	Roads and Highways
E	134,800	Industrial Areas and Light Commercial
F	202,320	Aircraft Facilities and Heavy Industrial

Load class is dependent upon installation method. Refer to installation instructions for minimum requirements to meet desired load classification.

Load Recommendation Guide



Class A
- Loads of 0-60 PSI
- Pedestrians, Bicycles, Wheel Chair Traffic



Class C
- Loads of 176-325 psi
- Heavy Duty Pneumatic Tire Forklifts
- Tractor Trailers (Speeds Less Than 20 MPH



Class B
- Loads of 61-175 psi
- Medium Duty Pneumatic Tire Traffic
- Automobiles and Light Trucks
- Speeds Less than 20 MPH

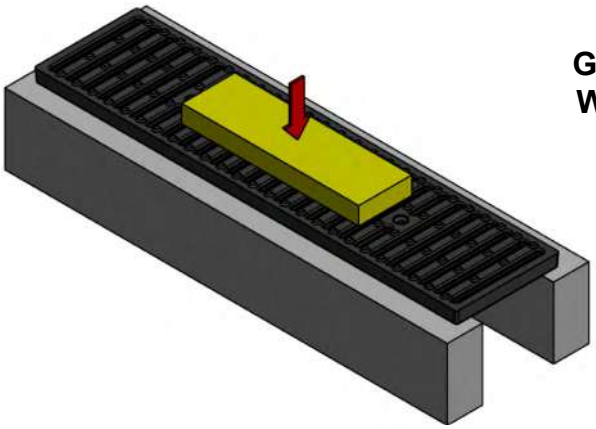


Class D
- Loads of 326-575 psi
- Heavy Duty Hard Tire Forklifts
- Speeds Less Than 20 MPH
- H-20 Load Rated

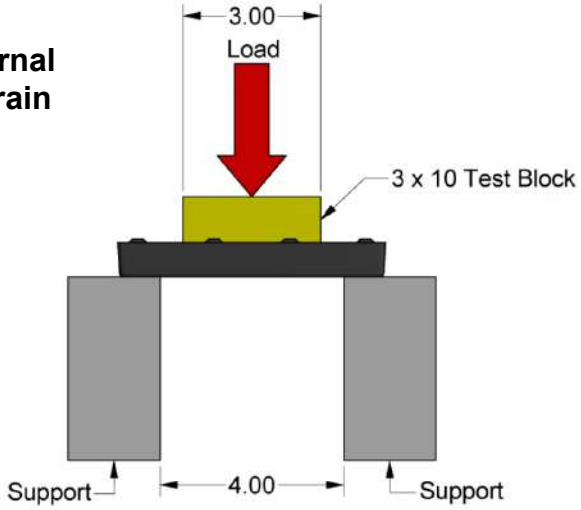
ASME A112.6.3			
Load Class	**Description**	**Save Live Load (Lbs.)**	**Application**
LD	Light Duty	Under 2,000	Light Pedestrian Traffic
MD	Medium Duty	2,000 - 4,999	Sidewalks and Private Parking Areas
HD	Heavy Duty	5,000 - 7,499	Commercial Parking Areas and General Commercial
XH	Extra Heavy Duty	7,500 - 10,000	Roads and Highways
SD	Special Duty	Over 10,000	Industrial Areas and Light Commercial

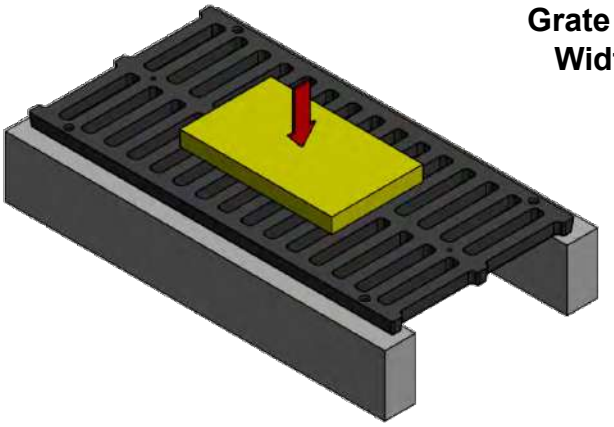
Load Testing (EN1433)

There are multiple standards referencing grate loading, but these standards do not specifically deal with trench drains of different widths. The only standard written specifically for trench drains, and internationally recognized is EN1433; Drainage Channels for Vehicular and Pedestrian Areas. EN1433 accounts for different widths.

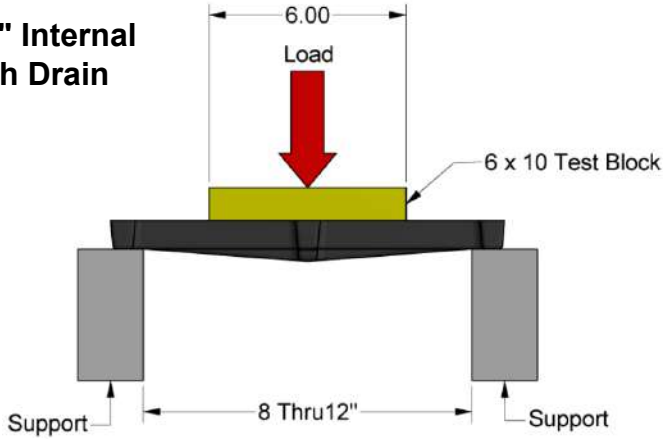


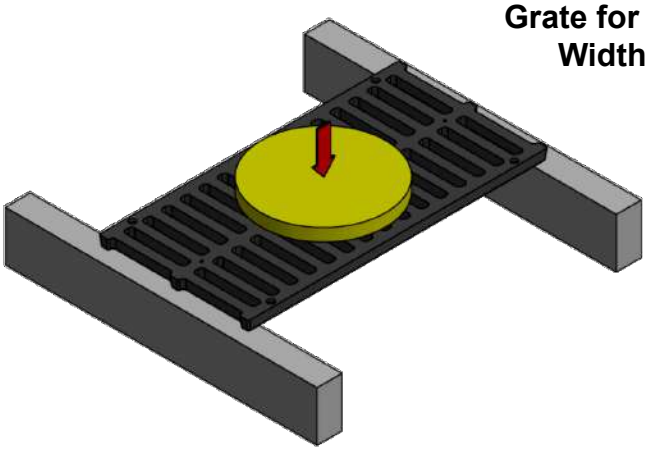
Grate for 4" Internal Width Trench Drain



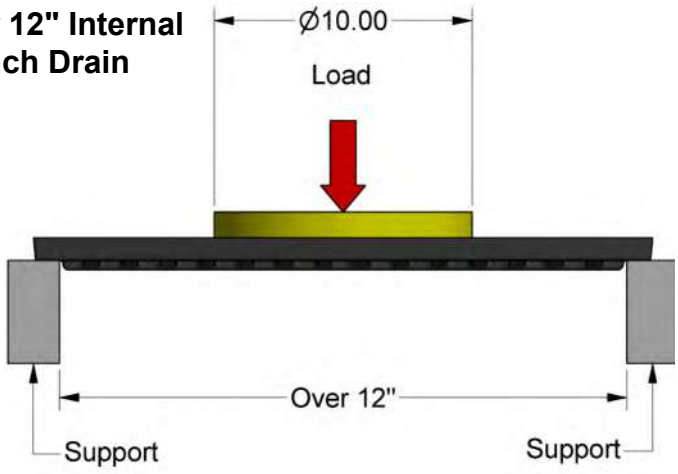


Grate for 8-12" Internal Width Trench Drain



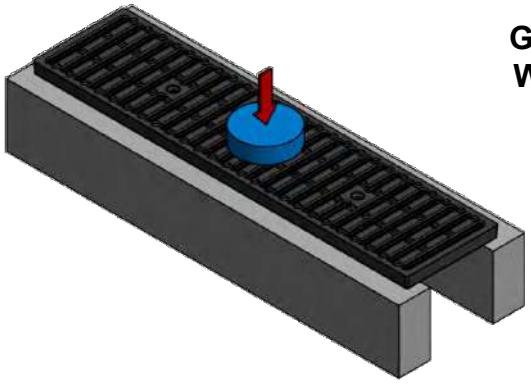


Grate for Over 12" Internal Width Trench Drain

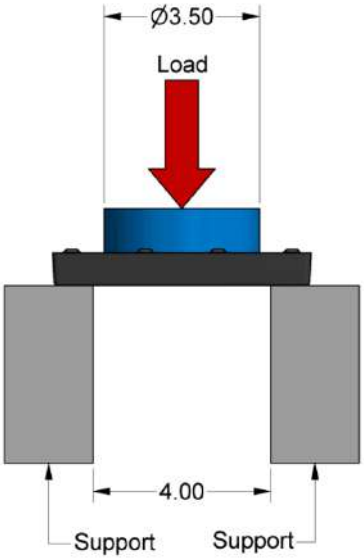


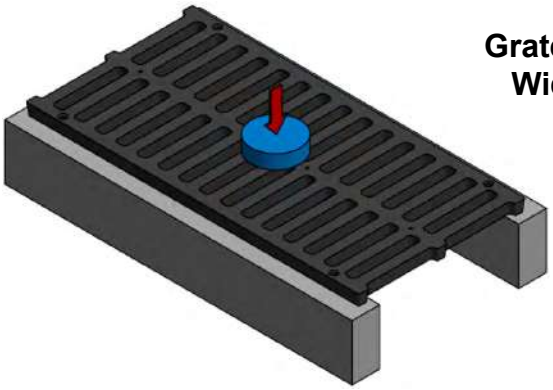
Load Testing (ASME A112.6.3)

This standard is designed for interior and exterior floor and area drains with allowances for trench drains as well. This standard prescribes a 3.5" diameter test block exerting the entire test load into the grate, providing relevant results for all trench drain widths.

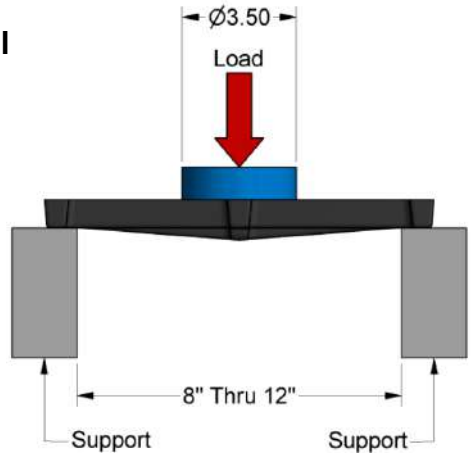


Grate for 4" Internal Width Trench Drain

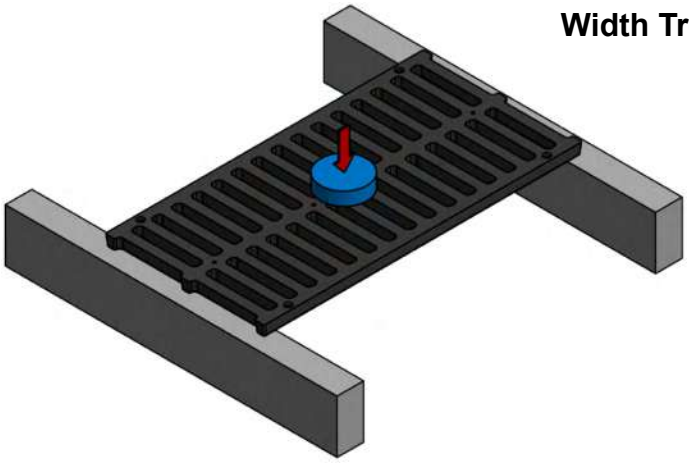


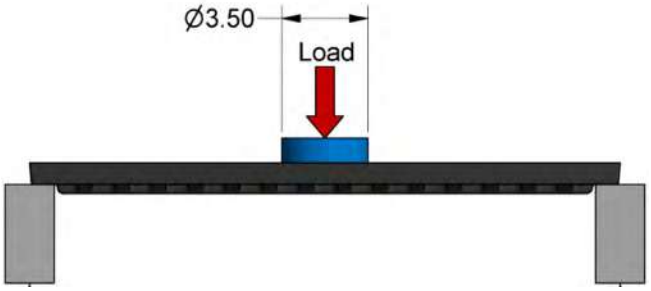


Grate for 8-12" Internal Width Trench Drain



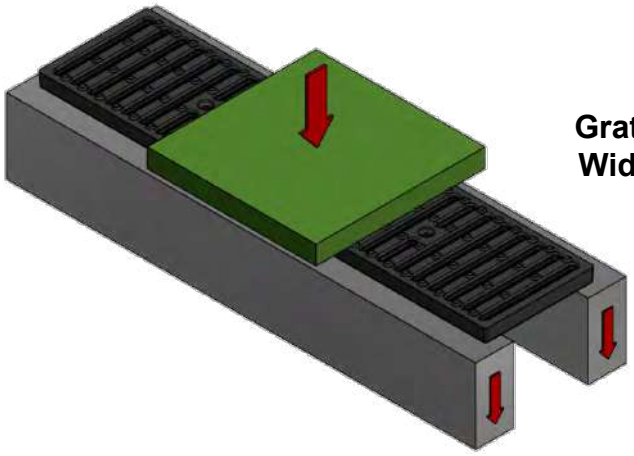
Grate for Over 12" Internal Width Trench Drain



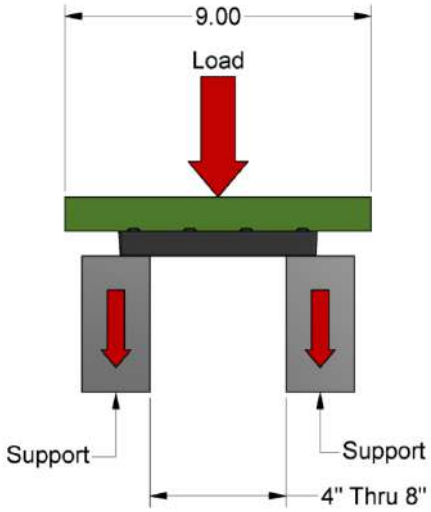


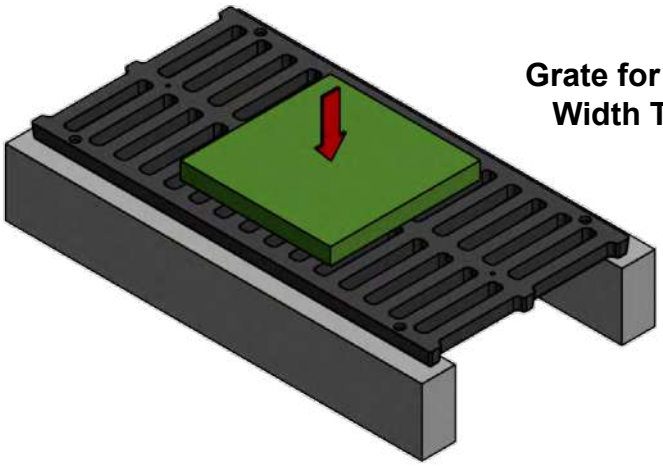
Load Testing (AASHTO)

This standard is designed for exterior area drains and access covers with test loads applied to 9" x 9" square test block. For trench widths 4" through 8", the load is transferred to the supports and does NOT exert the entire test load into the grate.

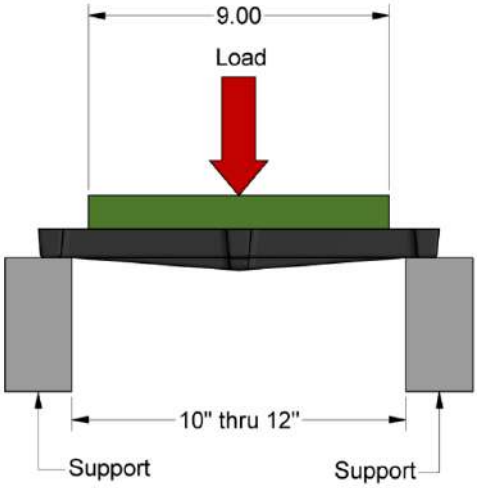


Grate for 4" Internal Width Trench Drain

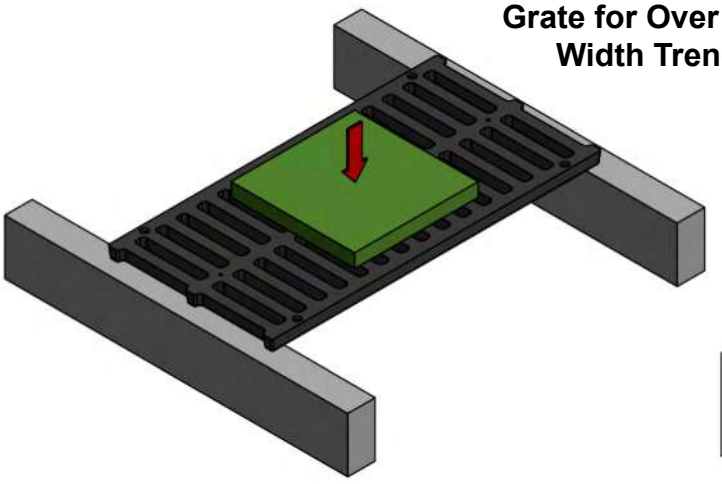


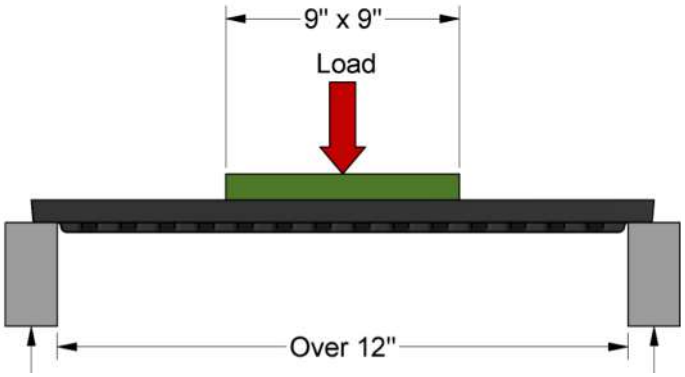


Grate for 8-12" Internal Width Trench Drain



Grate for Over 12" Internal Width Trench Drain

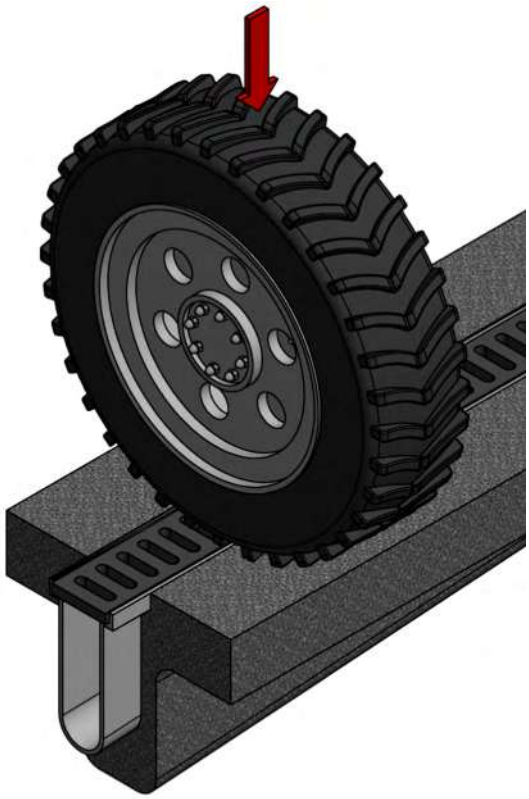




Factors Affecting Wheel Loading

Loading

Often referred to as traffic - is any weight that will rest on, or travel over, the trench drain. Traffic includes pedestrians, livestock, machinery and vehicles - basically anything that will be going over the trench drain. Traffic is the most important factor in pavement design. A trench drain is an integral part of the pavement. Therefore, traffic is also the number one consideration when determining the type of trench drain (both channel and grate) and the concrete encasement required for each application. During the construction phase it will be necessary to protect the trench from site traffic.



Contact Area

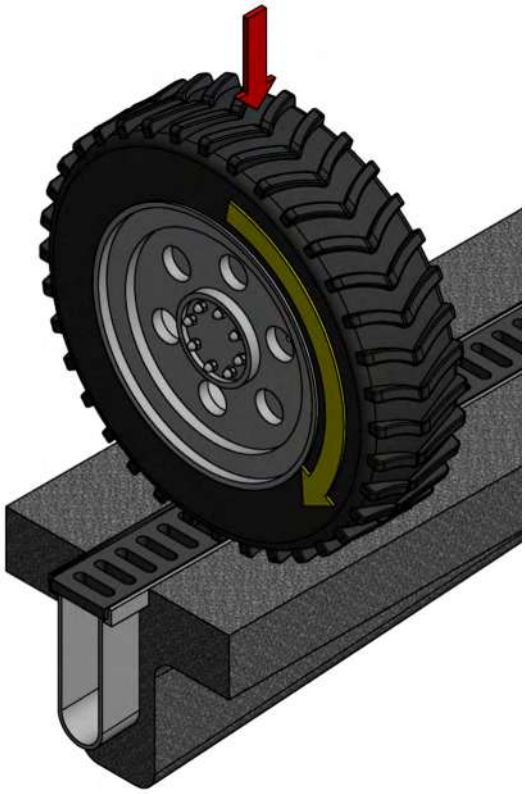
Contact area between load and trench drain grate affects pressure (psi) exerted by load. Typically relates to tire type, but can include anything that may rest permanently or periodically on trench drain. Small and/or solid tires concentrate load onto a small contact area - exerts a higher pressure (psi). This application requires grate and/or trench system with higher load rating. Larger and/or pneumatic tires spread load over larger contact area - exerts lower pressure (psi).

Wheel loads

Combined with contact area to calculate loading.
Weight of vehicle/cart and its typical load, eg. forklift & weight of typical loaded pallet
Number of wheels and axles that load is distributed over, affects individual wheel load
Unusual traffic, e.g. dollies/dumpsters going over trench

Load frequency

It is also important to consider how often load is applied. Frequent or continuous loads will require heavier duty trench drain and/ or larger concrete encasement detail than occasional loads of same weight.



Static Load

Static loads are a load/weight applied vertically onto the trench - no other movement. Not typically found in real life scenarios, but are used for load testing a grate or trench drain. They provide an objective measuring scale to rate loadings of grate/trench drain.

Dynamic Load

Dynamic/moving loads - forces rise rapidly as traffic speed increases. Factors that intensify dynamic loading include:

- Traffic braking, accelerating or turning on trench
- Vehicles traveling across or along trench
- Speed of traffic
- Trench located at top or bottom of a ramp
-

Forces created by dynamic loads tend to twist trench drain and grates out of position. The more movement (turning and/or braking) and/ or faster traffic, the greater the dynamic load. Trench body, grate type, installation detail, and locking mechanisms, are all important factors to consider when addressing dynamic loads

Hydraulics

To correctly size a trench drain, catchment run-off must be calculated. Catchment area and rainfall intensity in inches per hour are used to establish an anticipated flow in gallons per minute (GPM).

Catchment Area = Pavement length x width (ft.) Rainfall Rates must be obtained from a reliable source for the location.

The formula for flow:

$$GPM = \frac{\text{Area (Length x Width) X Rainfall Intensity (In./Hr.)}}{\text{60 (Minutes) X 1.6 (Conversion to Gallons)}}$$

Once catchment run-off is calculated, other inflows (i.e. down spouts) can be added. Other factors that affect trench drain hydraulics must be considered:

- Ground fall percentage
- Pavement material—some materials absorb liquids (i.e. brick pavers)
- Position and size of outlet pipe
- Surface roughness of trench material. Reference Mannings coefficient of roughness.
- Angle of approach to the trench—this can affect grate hydraulics (steep slopes may cause by-pass)

Usually a trench drain reaches hydraulic capacity before the grate. However, where there are concentrated flows down steep slopes, the grate may not be capable of capturing all flow, even if the underlying trench is correctly sized.

Properly located trench runs put grates in the direct path of surface water runoff. The flow rate from catchment areas and point sources and the velocity and approach head (depth) of liquid influence grate performance. These factors (grate characteristics) are:

Intake Area (Free Area) • Width of Grate • Design Features (direction of bars/slots and non-slip features)

Catchment characteristics which influence performance and efficiency:

- Approach Catchment Slope (determines water velocity)
- Catchment Roughness (determines flow direction, water velocity and head)
- One direction (barrier drain) or two or more directions (sag/valley drain)
- Type of Liquid (Density has an affect on velocity)
- Debris

Designers should be aware of the trade-off between smaller inlets for pedestrian safety and large inlets for optimum grate hydraulics. The science of grate hydraulics is difficult to model in fluid mechanics. A grate/s hydraulic performance can be influenced by subtle changes to the grate, and/or catchment characteristics.

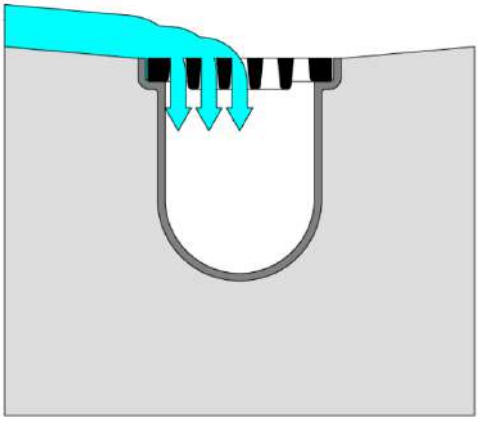
When liquid moves over a grate, a combination of scenarios can occur:

Weir Action:
Relevant water depths are minimal and approach with velocity

Drowned Orifice:

Relevant where there is an accumulation of water over the grate.
Drains positioned in valleys (sag locations) typically have higher flow rates due to pressure of substantial static head (liquid depth) pushing the water through the grate openings.

Longitudinal grate openings offer maximum potential for flow evacuation when compared to grates of equal intake area and width. Traverse opening grates offer moderate water intake, as the bars bridge across both sides of the trench providing minimal flow interruption, but do provide some drowned orifice effect.



Longitudinal Opening Grate at Capacity

When comparing grates of equal intake area and width, longitudinal opening grates offer maximum potential for flow evacuation leading to high water intake.

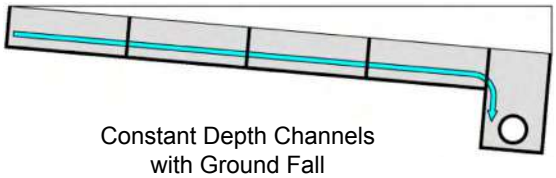
Longitudinal Opening Grate at Capacity

Slope increases velocity providing a more efficient trench.

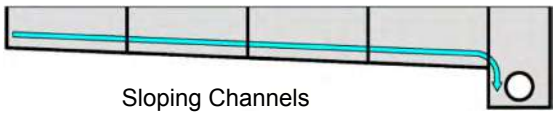
Slope is added in 3 ways:
- Sloping invert channels
- Constant depth channels & ground slope
- Combination of both



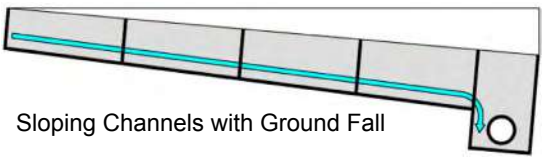
Constant Depth Channels



Constant Depth Channels
with Ground Fall



Sloping Channels



Sloping Channels with Ground Fall

Sustainable Drainage

In an environmentally perfect world, permeable landscapes would dominate the landscape, allowing nature to work as intended. In reality, this is not possible and hard landscapes are common.

Sustainable drainage is the collection of rain water, its treatment and ultimately its reuse.

The process involves collecting water runoff which may or may not contain pollutants and/or debris and allowing it to be dealt with in a controlled manner (treated, stored for future use or discharged to a receiving waterway or retention pond) ideally at a low cost and with minimal impact on the environment.

Surface drainage can be used to assist the collection part of the system.

Trench drains are ideal as they provide maximum collection and can perform a barrier to prevent run-off flowing into sensitive areas or soft landscaping. This is particularly important if toxicity of pollutants is high, such as highway and gas station applications.

EPA Requirements

Storm water runoff is generated from storm and snow melt events flowing over landscapes or impervious surfaces and not percolating into the ground.

As the runoff flows over impervious surfaces (paved areas and building roof tops) it naturally accumulates debris, chemicals, sediment or other pollutants that can adversely affect water quality if it is discharged untreated.

The primary method to control storm water discharge is to use Best Management Practices (BMP's). In addition, most storm water discharges are considered point sources and require coverage under a permit.

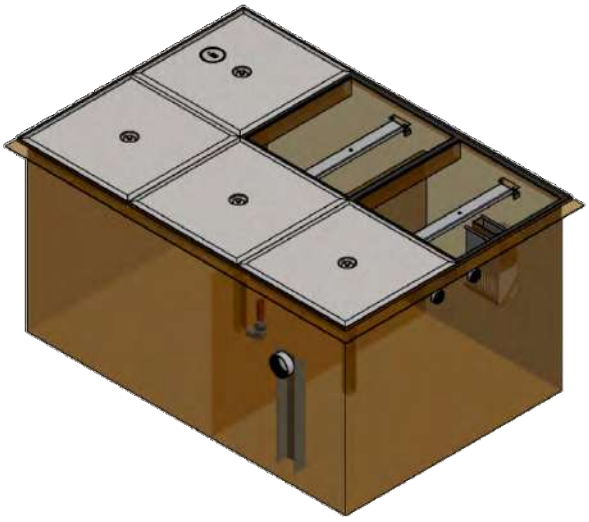
LEED

Leadership in Energy and Environmental Design provides a green building rating system. Principles have been applied to commercial and institutional projects, schools, multi-unit residential units, manufacturing plants and other building types.

Areas where the use of trench drains along with other Wade specification drainage products may assist in assignment of credits include:

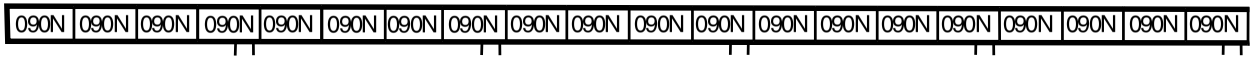
- Sustainable sites—Protect and restore habitat. Trench drains require minimal excavation, reducing site restoration requirements.
- Rainwater management—Trench drains along with Wade's Trident rainwater harvesting filters offer maximum capture of runoff, flowing on-site non potable uses such as irrigation. Water use reduction using reclaimed runoff promotes water use efficiency.

Other Wade products to consider using in conjunction with Hydro-Flo modular trench drainage systems:

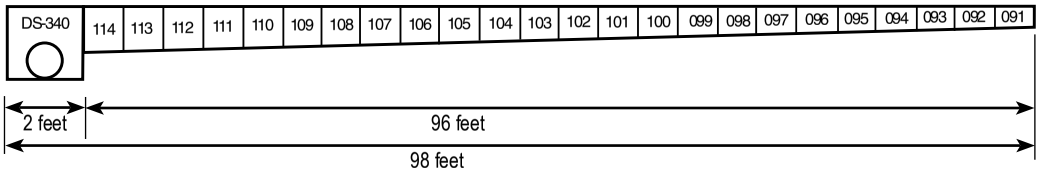


Wade Oil / Water Separators

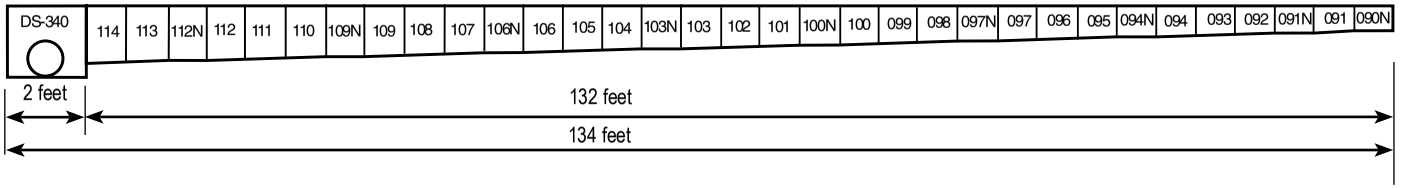
Neutral run



Linear fall without neutrals

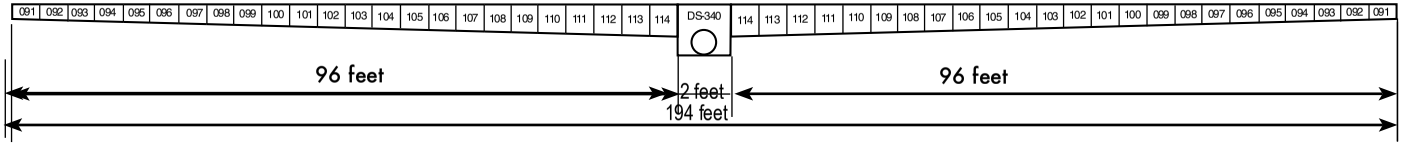


Linear fall with neutrals

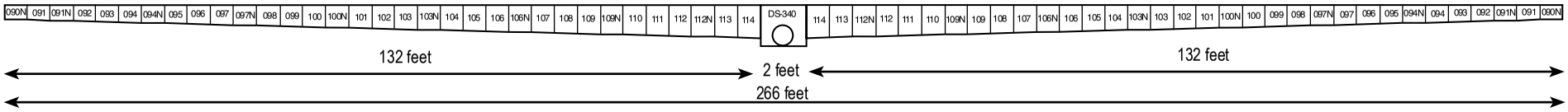


Counter directional fall without neutrals

Counter directional fall without neutrals



Counter directional fall with neutrals



Note: Drawings are not to scale. See previous pages for actual product dimensions.

HDPE Catch Basin Accessories



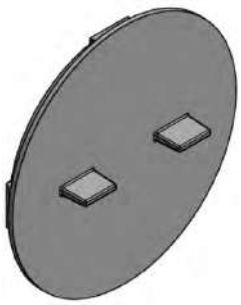
Catch Basin Offset Outlet Adapter					
Suffix	**UPC**	**Description**	**Color**	**Material**	**List Price**
OUO	489092	3' & 4" Universal Offset Outlet	Black	Plastic	32.00



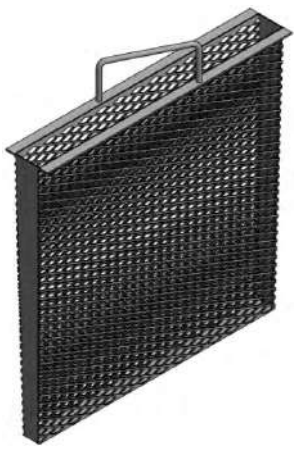
Catch Basin Straight Outlet Adapter					
Suffix	**UPC**	**Description**	**Color**	**Material**	**List Price**
SUO	486282	3' & 4" Universal Straight Outlet	Black	Plastic	32.00



Catch Basin Straight Outlet Adapter					
Suffix	**UPC**	**Description**	**Color**	**Material**	**List Price**
UO6	489105	6" Universal Straight Outlet	Black	Plastic	32.00
UO8	489115	8" Universal Straight Outlet	Black	Plastic	32.00



Catch Basin Adapter Plug					
Suffix	**UPC**	**Description**	**Color**	**Material**	**List Price**
UCP	474265	Universal Adapter Plug	Black	Plastic	38.00



Catch Basin Trash Basket					
Suffix	**UPC**	**Description**	**Finish**	**Material**	**List Price**
GTB	489122	Trash Basket	Zinc Plated	Steel	241.00

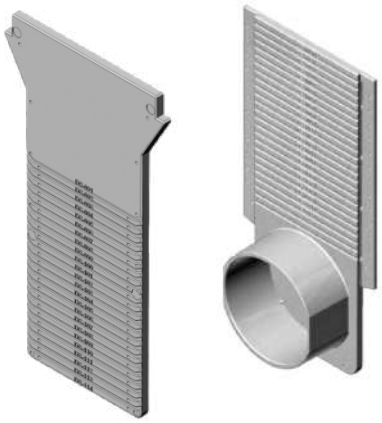
HDPE Channel Accessories



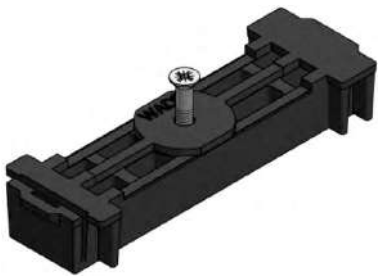
No-Hub Couplings (Regular & Reducing) Neoprene				
Suffix	**Description**	**Color**	**UPC**	**List Price**
NH42	4x2" No-Hub Reducing Coupling	Black	489269	41.00
NH42	4x3" No-Jub Reducing Coupling	Black	489276	41.00
NH44	4" No-Hub Coupling	Black	495680	41.00
NH64	6x4" No-Hub Increasing Coupling	Black	489283	41.00



PVC Plastic Adapter Couplings (Regular & Reducing) PVC Plastic				
Suffix	**Description**	**Color**	**UPC**	**List Price**
PA42	4x2" No-Hub Reducing Coupling	White	489221	41.00
PA43	4x3" No-Jub Reducing Coupling	White	489238	41.00
PA44	4" No-Hub Coupling	White	489245	41.00
PA64	6x4" No-Hub Increasing Coupling	White	489252	41.00
PVC Plastic adapter couplings cannot be glued to HDPE trench outlets with standard cements. Connection to HDPE trench outlets require a silicon sealant.				



Universal End Plates (HDPE)				
Suffix	**Description**	**Color**	**UPC**	**List Price**
UEP	Universal End Plate	Gray	474647	83.00
USP	Universal End Plate w/ 4" Outlet	Gray	474661	153.00



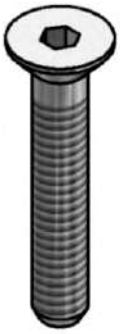
Replacement Grate Lock w/ Screw (ABS Plastic)				
Suffix	**Description**	**Color**	**UPC**	**List Price**
GL	Grate Lock with Screw	Black	522256	32.00



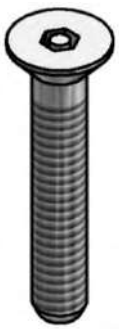
End Plate Securing Hardware Package (Cross Recess - Phillips)					
Suffix	**Description**	**Pkg. Qty.**	**Material**	**UPC**	**List Price**
WN900-ECS	#6 x 3/4" Long Self Tapping Screw	12	Stainless Steel	486299	14.00



Grate Securing Hardware Package (Cross Recess - Phillips)					
Suffix	**Description**	**Pkg. Qty.**	**Material**	**UPC**	**List Price**
WN900-GSP	1/4-20NC x 1-1/2" Long Machine Screw	12	Stainless Steel	486400	30.00
WN900-GFSP	1/4-20NC x 2-1/2" Long Machine Screw	4	Stainless Steel	489351	60.00
WN900-GFSP-2	1/4-20NC x 2-1/2" Long Machine Screw	2	Stainless Steel		31.00



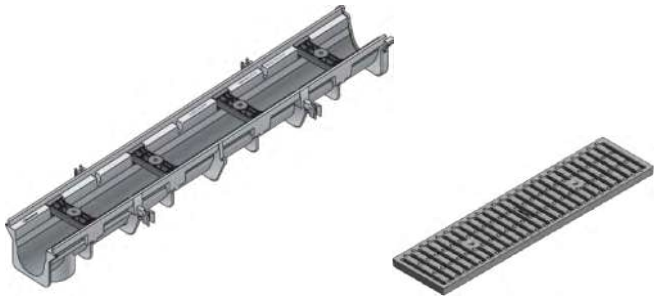
Grate Securing Hardware Package (Hex Key - Allen) Vandal Proof					
Suffix	**Description**	**Pkg. Qty.**	**Material**	**UPC**	**List Price**
WN900-GSA	1/4-20NC x 1-1/2" Long Machine Screw	2	Stainless Steel	489368	30.00
WN900-GFSA	1/4-20NC x 2-1/2" Long Machine Screw	2	Stainless Steel	489344	10.00
WN900-VPFA	1/4-20NC x 2-1/2" Long Machine Screw	2	Stainless Steel	489344	10.00
WN900-VPS	1/4-20NC x 1-1/2" Long Machine Screw	4	Stainless Steel	489351	60.00
WN900-VPFS	1/4-20NC x 2-1/2" Long Machine Screw	4	Stainless Steel	489337	60.00
MD-1504A	Wrench 5/32" Hex Key (Allen)	1	Oxide Steel	444084	17.00
If vandal proof is specified, hex key (Allen) screws are provided. 1-1/2" long screws are used to secure grates in channels or catch basins without optional frames. If optional frames (DLP or DLG) are specified, 2-1/2" long screws are required to secure the grates.					



Grate Securing Hardware Package (Hex Key w/ Pin) High Security					
Suffix	**Description**	**Pkg. Qty.**	**Material**	**UPC**	**List Price**
WN900-GSAP	1/4-20NC x 1-1/2" Long Machine Screw	2	Stainless Steel	486400	30.00
WN900-GFSAP	1/4-20NC x 2-1/2" Long Machine Screw	2	Stainless Steel	486601	32.00
MD-1503PA	Wrench 5/32" Hex Key (Pin Allen)	2	Oxide Steel	230434	18.00
If high security vandal proof is specified, hex key (Pin Allen) screws are provided. 1-1/2" long screws are used to secure grates in channels or catch basins without optional frames. If optional frames (DLP or DLG) are specified, 2-1/2" long screws are required to secure the grates.					

WN900-HDP 6" Wide HDPE Modular Trench Drainage System

Channel No.	Channel Length	Color	List Price / Ft.
090N thru 114	48 Inches (1219.2)	Gray	153.00



Regularly Furnished: 6" wide High density polyethylene modular trench drain with 4" wide throat, radius bottom, interlocking ends, rebar saddles, lock devices, blank grate inserts and painted ductile iron slotted grates.

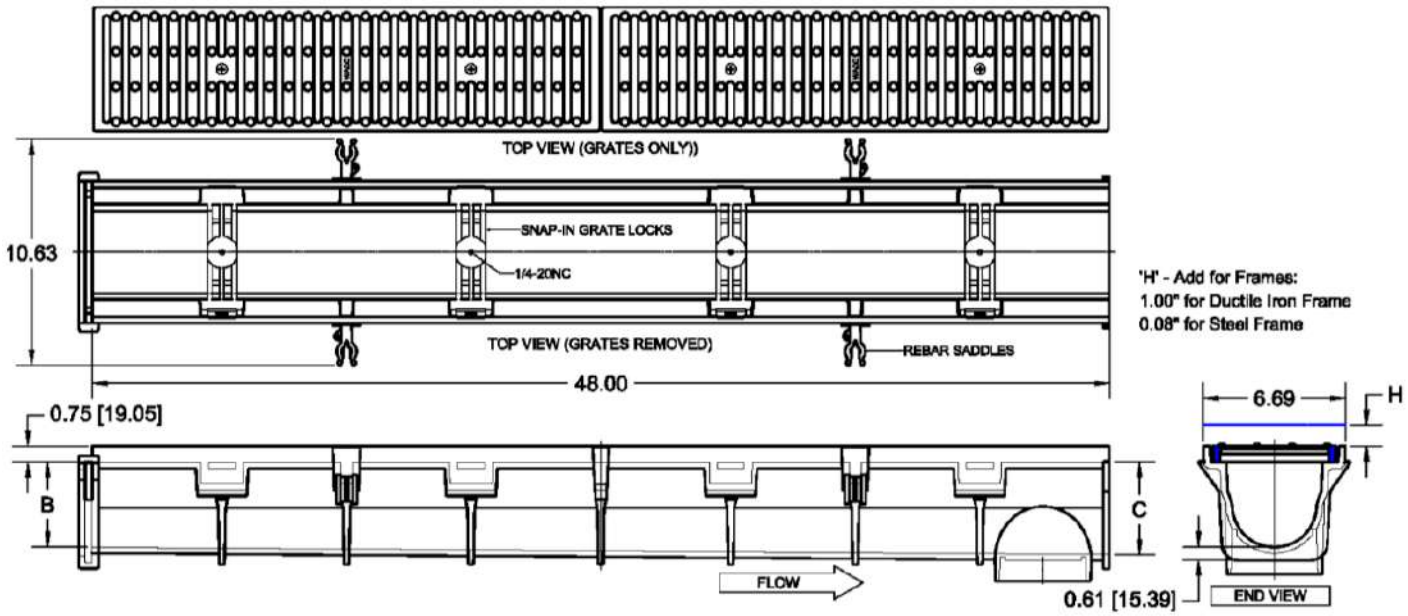
Ductile Iron Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ft
HDP	Slotted	Painted	C	N/C
HDG	Slotted	Galvanized	C	23.00
HPP	ADA Heel Proof	Painted	C	23.00
HPG	ADA Heel Proof	Galvanized	C	94.00
DCP	Circular Slots	Painted	A	29.00
DCG	Circular Slots	Galvanized	A	51.00
DDP	Diagonal Slots	Painted	A	29.00
DDG	Diagonal Slots	Galvanized	A	51.00
DEP	Slotted	Painted	E	84.00
DEG	Slotted	Galvanized	E	109.00
DBP	Bar Grate	Painted	C	23.00
DBG	Bar Grate	Galvanized	C	47.00
DMP	Solid Cover	Painted	D	29.00
DMG	Solid Cover	Galvanized	D	51.00
DRP	Wide Slot	Painted	D	23.00
DRG	Wide Slot	Galvanized	D	47.00
DXP	Slotted	Painted	E	66.00
DXG	Slotted	Galvanized	E	105.00
DZP	Square Pattern	Painted	A	29.00
DZG	Square Pattern	Galvanized	A	51.00
XLP	Slotted w/ Frame	Painted	F	91.00
XLG	Slotted w/ Frame	Galvanized	F	113.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	(16.00)
CPG	Slotted Reinforced	Galvanized	C	20.00
FPG	Perforated	Galvanized	A	(16.00)
RSG	Reinforced Perforated	Galvanized	C	20.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Stainless Steel Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ft
SBS	Cast Bar Grate	Satin	C	466.00
SDS	Slotted	Satin	A	41.00
SPS	Perforated	Satin	A	41.00
SFS	Slotted Reinforced	Satin	C	146.00
SHS	Square Hole Reinforced	Satin	C	146.00
SRS	Perforated Reinforced	Satin	C	146.00
SSS	ADA Cast Slotted	Satin	B	466.00
SMS	Solid Cover	Satin	A	41.00
SNS	Reinforced Solid Cover	Satin	C	146.00
SPP	D.I. w. S/S Veneer	Painted	C	179.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	249.00
SQS	Square Hole	Satin	A	41.00
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	466.00
BCK	Square Pattern	Satin	C	466.00
BDK	Diagonal Pattern	Satin	A	466.00

Frame Options		
CLP	A.R.C. Coated Carbon Steel	142.00
CLG	Galvanized Carbon Steel	194.00
SLS	Stainless Steel	255.00
DLP	A.R. Coated Ductile Iron	67.00
DLG	Galvanized Ductile Iron	94.00
Outlet Options (Add/Ea.)		
NH	No-Hub Coupling (4", 4x3", 4x2" & 6x4")	41.00
PA	PVC Adapter (4", 4x3", 4x2" & 6x4")	41.00
Suffix Options (Add/Ea.)		
UEP	Universal End Plate (Per/Each)	78.00
USP	End Plate w/ Side Outlet (4") Per/Each	153.00
VP	Vandal Proof Screws (Add/Ft.)	14.00
27	Sediment Bucket (Fits in Outlet) Add/Each	175.00
Fabrication Options (Add/Ea.)		
45	45 Degree Section	413.00
90	90 Degree Section	413.00
TEE	Tee Section	413.00

WN900-HDP 6" Wide HDPE Modular Trench Drainage System

Regularly Furnished: 6" wide High density polyethylene modular trench drain with 4" wide throat, radius bottom, interlocking ends, rebar saddles, lock devices, blank grate insert and painted ductile iron slotted grates.



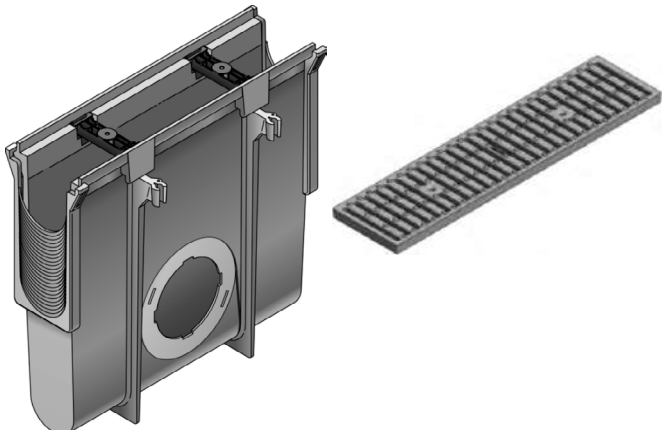
Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Channel No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
WN900-090N	75	284	3.998 (102)	3.998 (102)
WN900-091	75	284	3.998 (102)	4.334 (110)
WN900-091N	89	337	4.334 (110)	4.344 (110)
WN900-092	89	337	4.334 (110)	4.670 (119)
WN900-093	103	390	4.670 (119)	5.006 (127)
WN9000-94	117	443	5.006 (127)	5.342 (136)
WN900-094N	131	496	5.342 (136)	5.342 (136)
WN900-095	131	496	5.342 (136)	5.678 (144)
WN900-096	145	549	5.678 (144)	6.014 (153)
WN900-097	159	602	6.014 (153)	6.350 (161)
WN900-097N	173	655	6.350 (161)	6.350 (161)
WN900-098	173	655	6.350 (161)	6.868 (174)
WN900-099	187	708	6.686 (174)	7.022 (178)
WN900-100	201	761	7.022 (178)	7.358 (187)
WN900-100N	215	814	7.358 (187)	7.358 (187)
WN900-101	215	814	7.358 (187)	7.694 (195)
WN900-102	229	867	7.694 (195)	8.030 (204)

Channel No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
WN900-103	243	920	8.030 (203)	8.366 (212)
WN900-103N	257	973	8.366 (212)	8.366 (212)
WN900-104	257	973	8.366 (212)	8.702 (221)
WN900-105	271	1026	8.702 (221)	9.038 (230)
WN900-106	285	1079	9.038 (230)	9.374 (238)
WN900-106N	299	1132	9.374 (238)	9.374 (238)
WN900-107	299	1132	9.374 (238)	9.710 (247)
WN900-108	313	1185	9.710 (247)	10.046 (255)
WN900-109	327	1238	10.046 (255)	10.382 (264)
WN900-109N	341	1291	10.382 (264)	10.382 (264)
WN900-110	341	1291	10.382 (264)	10.718 (272)
WN900-111	355	1344	10.718 (272)	11.054 (281)
WN900-112	368	1393	11.054 (281)	11.390 (289)
WN900-112N	382	1446	11.390 (289)	11.390 (289)
WN900-113	382	1446	11.390 (289)	11.726 (298)
WN900-114	396	1499	11.276 (298)	12.062 (306)

WN940-HDP 6" Wide HDPE Modular Trench Drainage System - Catch Basin

Catch Basin No.	Length	Color	List Price/Ea.
WN940-HDP	24 Inches (609.6)	Gray	1,439.00



Regularly Furnished: 6" wide High density polyethylene modular trench drain catch basin with 4" wide throat, radius bottom, interlocking ends, rebar saddles, lock devices, blank grate insert and painted ductile iron slotted grates.

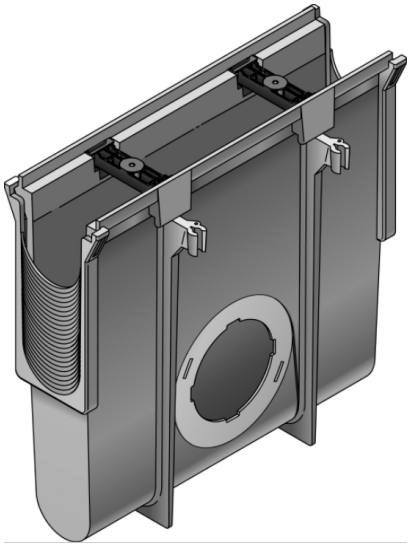
Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	45.00
HPP	ADA Heel Proof	Painted	C	45.00
HPG	ADA Heel Proof	Galvanized	C	187.00
DCP	Circular Slots	Painted	A	57.00
DCG	Circular Slots	Galvanized	A	101.00
DDP	Diagonal Slots	Painted	A	57.00
DDG	Diagonal Slots	Galvanized	A	101.00
DEP	Slotted	Painted	E	168.00
DEG	Slotted	Galvanized	E	217.00
DBP	Bar Grate	Painted	C	45.00
DBG	Bar Grate	Galvanized	C	93.00
DMP	Solid Cover	Painted	D	57.00
DMG	Solid Cover	Galvanized	D	101.00
DRP	Wide Slot	Painted	D	45.00
DRG	Wide Slot	Galvanized	D	93.00
DXP	Slotted	Painted	E	131.00
DXG	Slotted	Galvanized	E	210.00
DZP	Square Pattern	Painted	A	57.00
DZG	Square Pattern	Galvanized	A	101.00
XLP	Slotted w/ Frame	Painted	F	181.00
XLG	Slotted w/ Frame	Galvanized	F	225.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	(30.00)
CPG	Slotted Reinforced	Galvanized	C	40.00
FPG	Perforated	Galvanized	A	(30.00)
RSG	Reinforced Perforated	Galvanized	C	40.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	19.00
PBD	Slotted	Dark Gray	B	19.00
PSG	Slotted	Gray	B	19.00
PGG	Slotted	Green	B	19.00
PBB	Slotted	Black	B	19.00
PSA	Slotted	Sand	B	19.00
PBR	Slotted	Brick Red	B	19.00
PPG	Perforated	Gray	B	19.00
PPW	Perforated	White	B	19.00

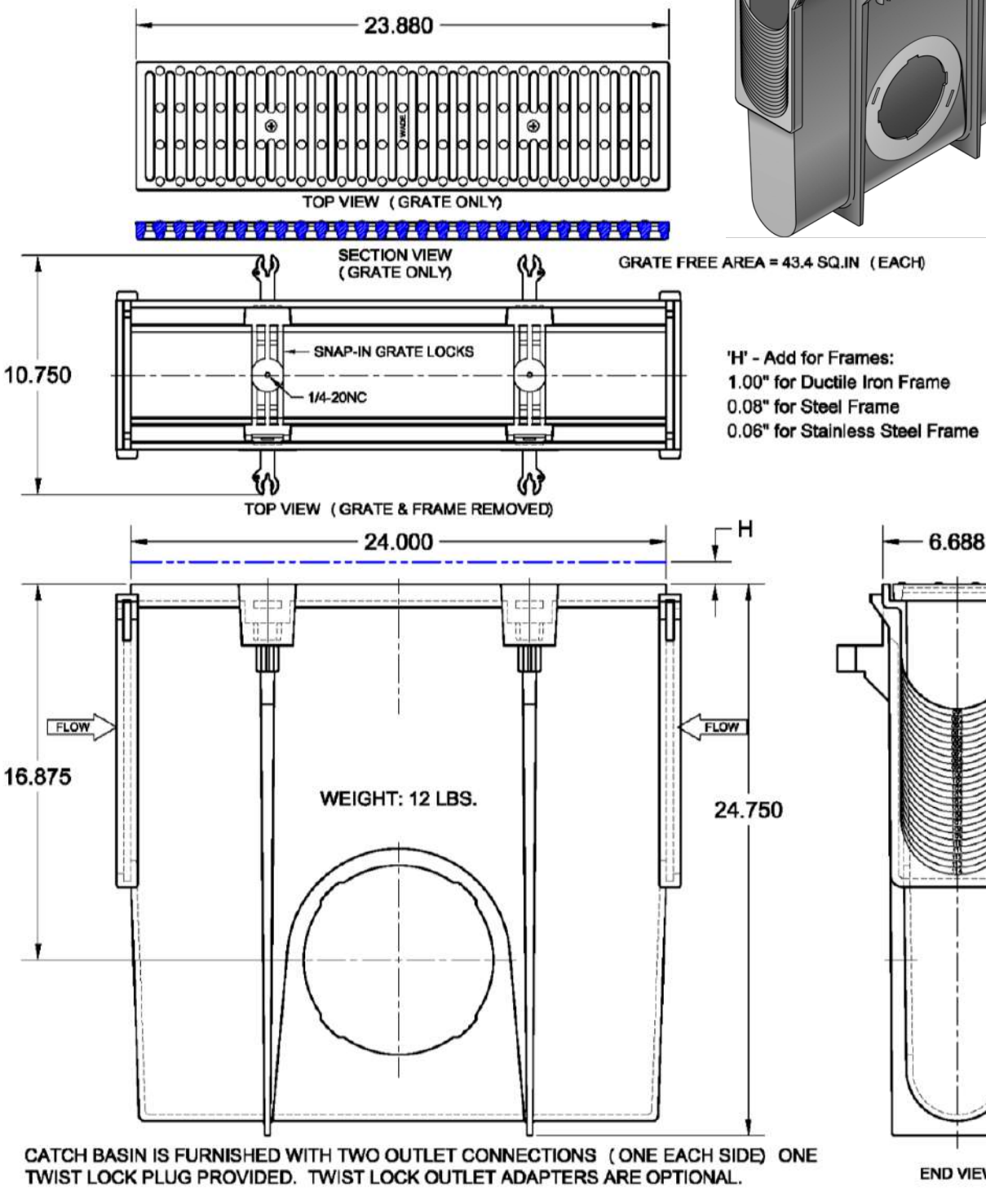
Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
SBS	Cast Bar Grate	Satin	C	931.00
SDS	Slotted	Satin	A	82.00
SPS	Perforated	Satin	A	82.00
SFS	Slotted Reinforced	Satin	C	292.00
SHS	Square Hole Reinforced	Satin	C	292.00
SRS	Perforated Reinforced	Satin	C	292.00
SSS	ADA Cast Slotted	Satin	B	931.00
SMS	Solid Cover	Satin	A	82.00
SNS	Reinforced Solid Cover	Satin	C	292.00
SPP	D.I. w. S/S Veneer	Painted	C	357.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	498.00
SQS	Square Hole	Satin	A	82.00
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	931.00
BCK	Square Pattern	Satin	C	931.00
BDK	Diagonal Pattern	Satin	A	931.00
Frame Options				
CLP	A.R.C. Coated Carbon Steel			284.00
CLG	Galvanized Carbon Steel			387.00
SLS	Stainless Steel			509.00
DLP	A.R. Coated Ductile Iron			133.00
DLG	Galvanized Ductile Iron			187.00
Outlet Options (Add/Ea.)				
OUO	Offset Universal Outlet (3" & 4")			32.00
SUO	Straight Universal Outlet (3" & 4")			32.00
UO6	Universal Outlet Adapter (6")			32.00
UO8	Universal Outlet Adapter (8")			32.00
Suffix Options (Add/Ea.)				
UEP	Universal End Plate			78.00
USP	Universal End Plate w/ 4" Side Outlet			153.00
VP	Vandal Proof Screws (Hex Key - Allen)			14.00
VPA	High Security Screws (Hex Key - Pin Allen)			29.00
GTB	Galvanized Trash Basket			241.00

WN940-HDP 6" Wide HDPE Modular Trench Drainage System - Catch Basin

Regularly Furnished: 6" wide High density polyethylene modular trench drain catch basin with 4" wide throat, radius bottom, interlocking ends, rebar saddles, lock devices, blank grate insert and painted ductile iron slotted grates.

Catch Basin Outflow Capacity								
Number of Outlets	6" Outlet				8" Outlet			
	GPM	LPM	CFS	CMS	GPM	LPM	CFS	CMS
1 Outlet	718	2718	1.599	.045	930	3520	2.071	.059
2 Outlets	1436	5436	3.198	.090	1860	7040	4.142	.118





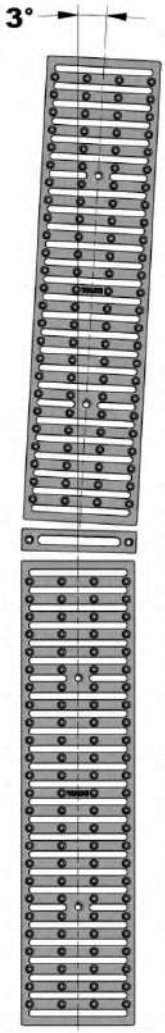
WT900-RC 6" Wide HDPE Modular Trench Drainage System - HydroTrack



HydroTrack

Trench Drain System w/ Radius Couplings

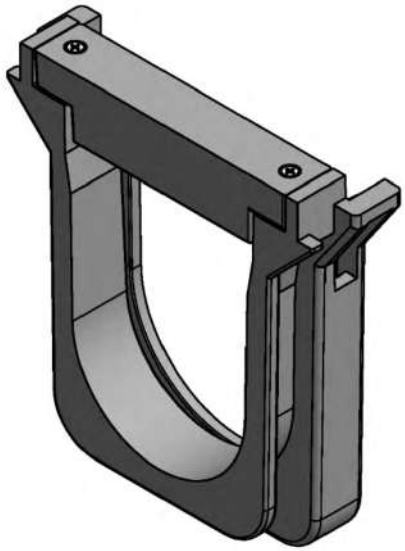
- Heavy Duty HDPE Construction
- No Special Tools Required
- Components Snap Together
- Four Depths Available
- Optional Grates Available
- Designed for 400 Meter Tracks
- Allows 3° of Deflection Between Trench Sections
- Curves and Bends Made Easy
- Ideal for Pool Areas



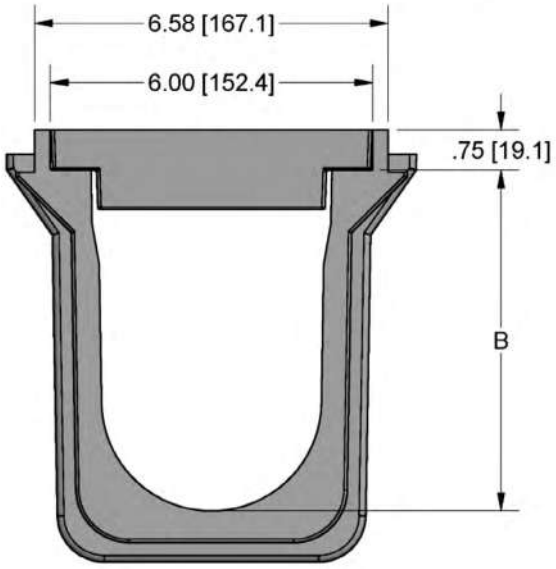
WT900-RC 6" Wide HDPE Modular Trench Drainage System - HydroTrack

Regularly Furnished: 6" wide High density polyethylene modular trench drain radius coupling with 4" wide throat, radius bottom, interlocking ends, lock down srews and plastic blank grate insert. Standard light gray to match channel sections. Each radius coupling allows up to 3° deflection.

WT900RC				
Radius Coupling No.	UPC	B	Used with Trench	List Price/Ea.
WT097RC	474389	6.350 (161)	WN900-097N	52.00
WT100RC	474426	7.358 (187)	WN900-100N	52.00

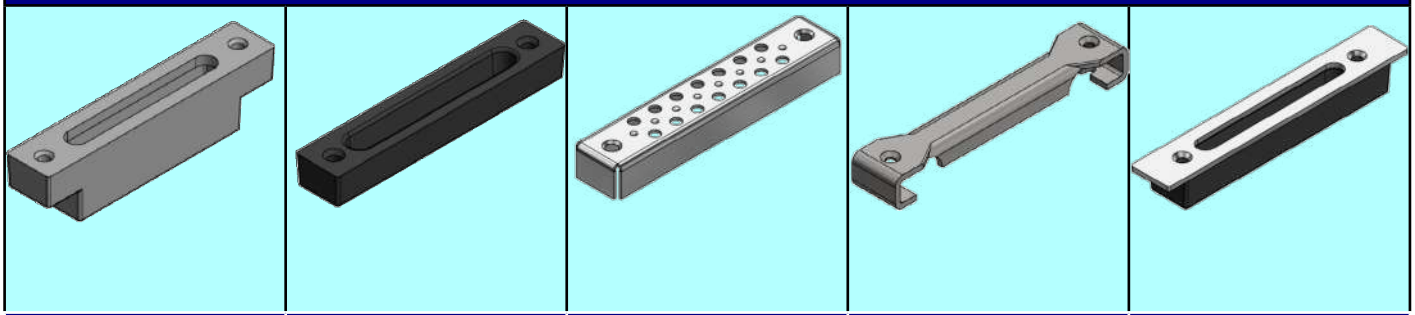






Ductile Iron Grate Options					
Suffix	Description	Finish	Class	UPC	Add / Ea.
RCXP	Slotted	Painted	C	474907	16.00
RCXG	Slotted	Galvanized	C	474912	31.00
Polyolefin (Plastic) Grate Options					
RCW	Slotted	White	B	474900	16.00
RCD	Slotted	Dark Gray	B	474901	16.00
RCG	Slotted	Gray	B	474902	16.00
RCT	Slotted	Green	B	474903	16.00
RCB	Slotted	Black	B	474904	16.00
RCS	Slotted	Sand	B	474905	16.00
Stainless Steel Grate Options					
RCP	Perforated	Satin	A	474908	59.00
Carbon Steel Galvanized Grate Options					
RCC	Slotted	Galvanized	A	474909	55.00
Ductile Iron w/ Stainless Steel Veneer Grate Options					
RCXSP	Slotted	Painted	C	474910	36.00
RCXSG	Slotted	Galvanized	C	474911	45.00

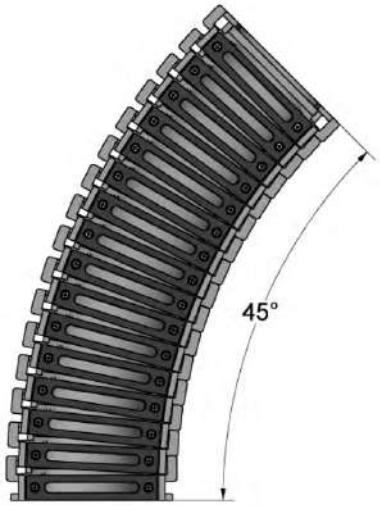
Optional Grates

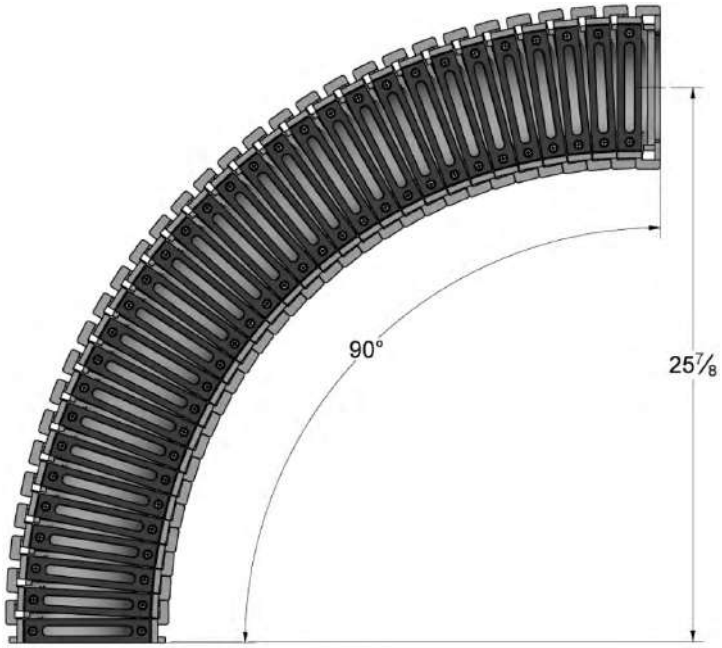


RCG	RCXP	RCP	RCC	RCXSP

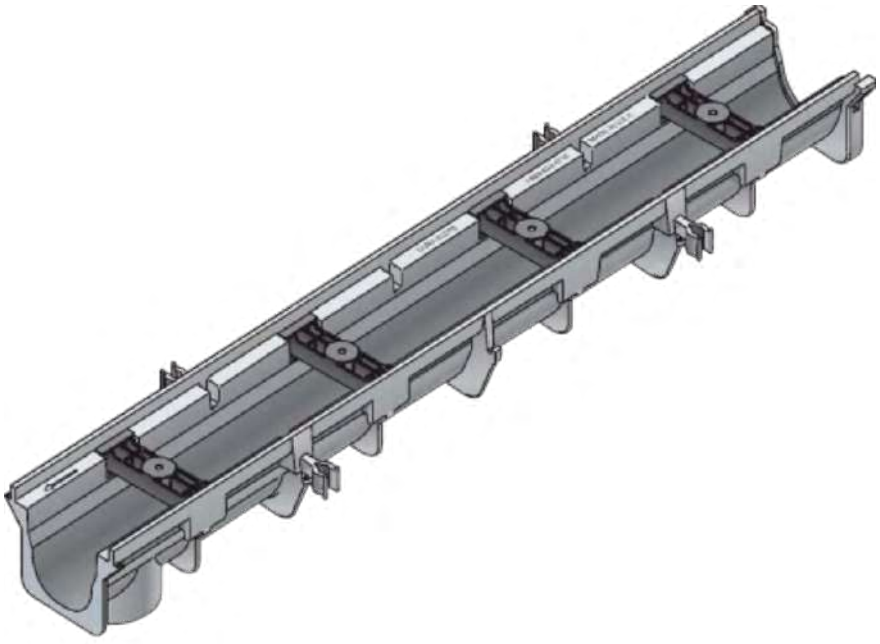
WT900-RC 6" Wide HDPE Modular Trench Drainage System - HydroTrack

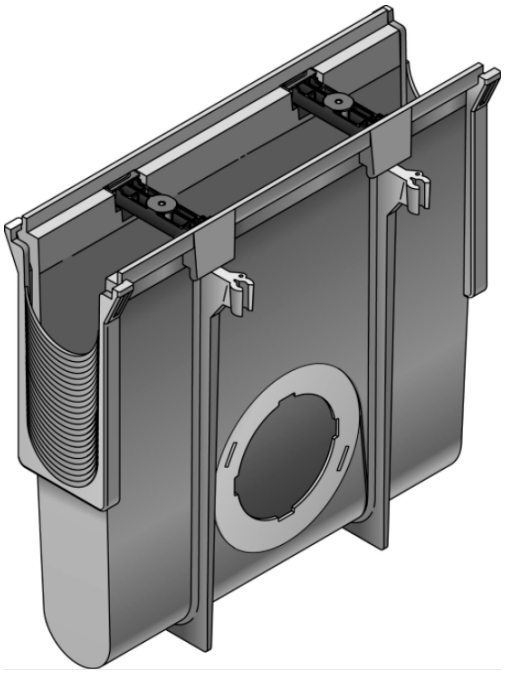
Regularly Furnished: 6" wide High density polyethylene modular trench drain radius coupling with 4" wide throat, radius bottom, interlocking ends, lock down srews and plastic blank grate insert. Standard light gray to match channel sections. Each radius coupling allows up to 3° deflection.





WT900RC		
Radius Coupling No.	Used with Trench	List Price (Trench) / Ea.
WT097RC	WN900-097N	52.00
WT100RC	WN900-100N	52.00
WT103RC	WN900-103N	52.00
WT106RC	WN900-106N	52.00





WT900-RC 6" Wide HDPE Modular Trench Drainage System Profile - HydroTrack

Engineering Specification—WT900-RC

Wade WT900 6" (152mm) wide radius trench drain system. High density polyethylene composite modular trench system with radius couplings that conform to the inside perimeter of a typical 400 meter running track. Typical invert of the radius bottom is 6.35 inch (161 mm) or other depths as specified. Complete with grates as specified and combination anchor / leveling tabs at each trench section.

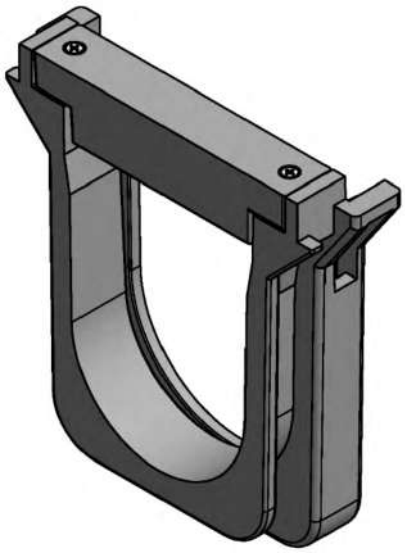
Wade WN940 catch basins provided at specified locations with side outlet connections and grates as specified.

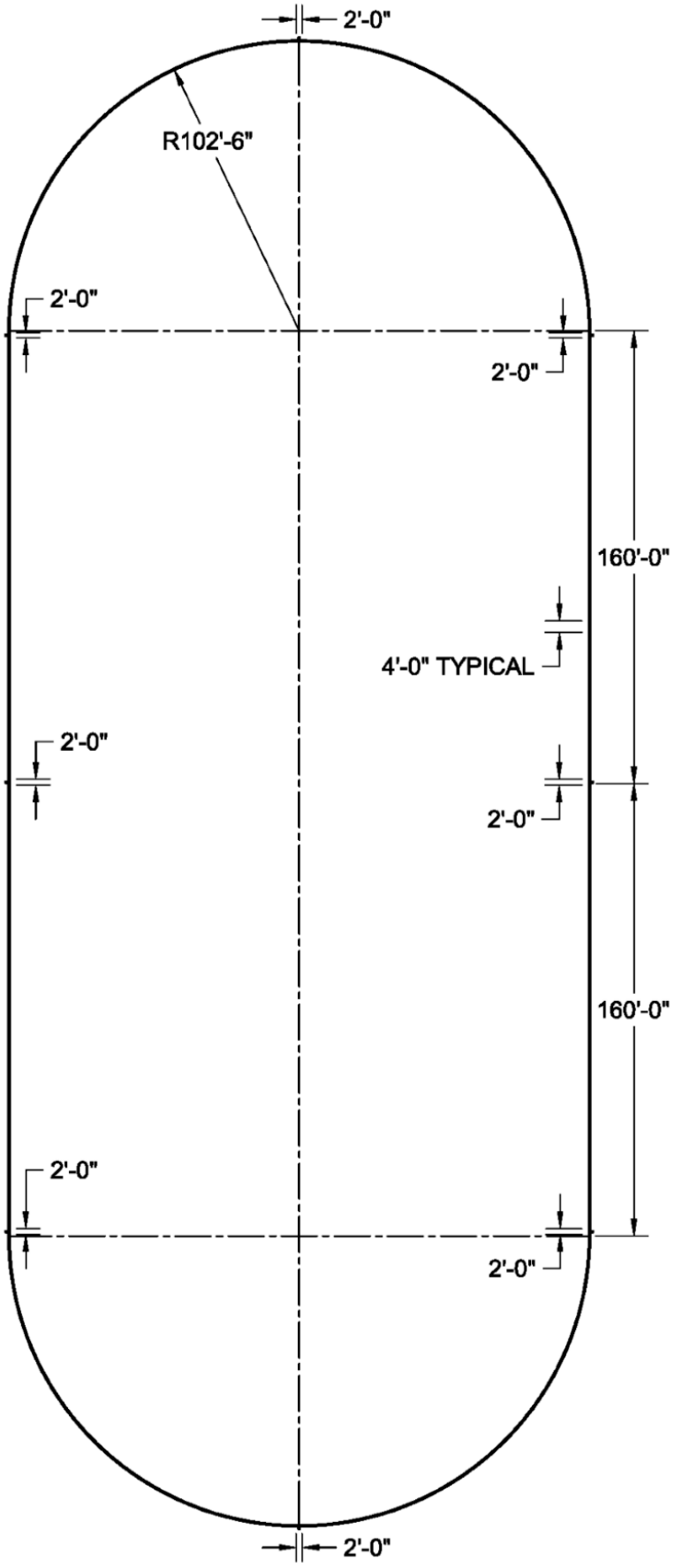
Wade Hydro-Track Features

- Excellent flow characteristics from smooth polyethylene non-stick surface and a full radius bottom.
- Designed for use in either natural grass or synthetic surfaces.
- 4 foot modular sections allow for fast and easy assembly.
- Quick connect tongue and groove connections.
- End caps and accessories available.
- Multiple grate options for various load ratings and traffic options.

Typical Running Track		
Qty	**Catalog No.**	**Description**
312	WN900-097N-HDP	4' Long x 6.350" Deep Channels
160	WT-097RC	6.350" Radius Couplings
8	WN-940-HDP	2' Long Catch Basins
160	WN-900-RCX	D.I. Radius Coupling Grates

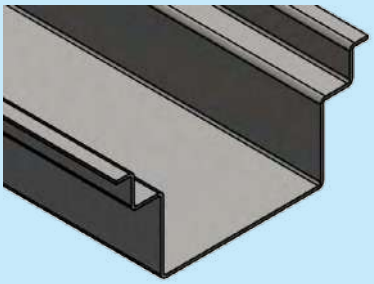
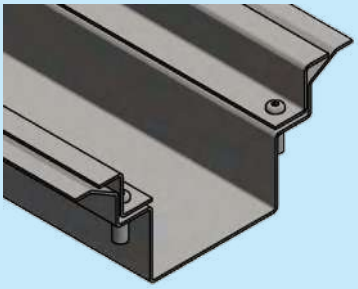
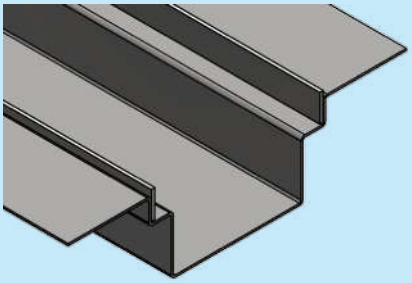
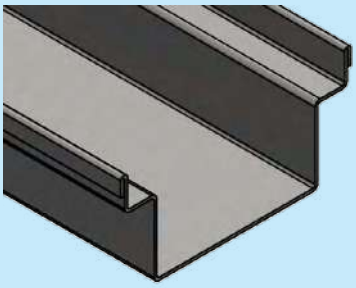
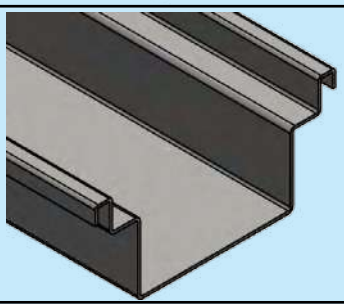
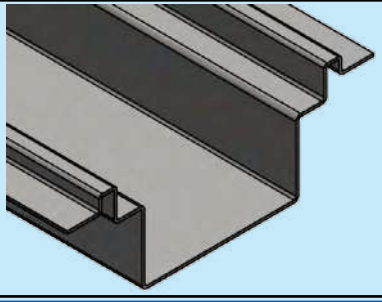
Note: 2'-0" locations indicate catch basins. This illustration is provided as a guide. Actual dimensions and quantities may vary for specific applications. Grate styles may vary as required for traffic and or owner preferences.





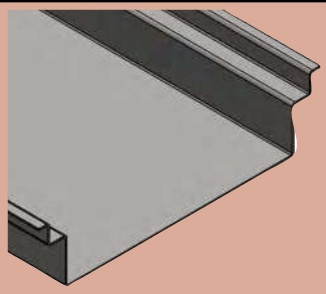
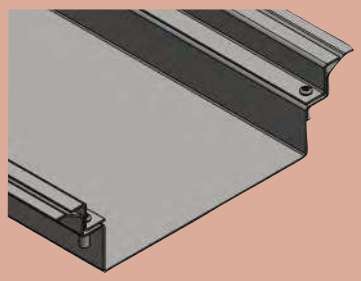
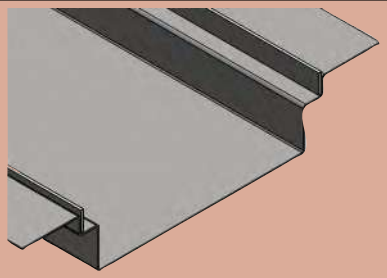
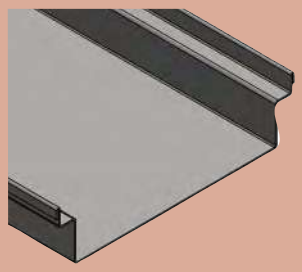
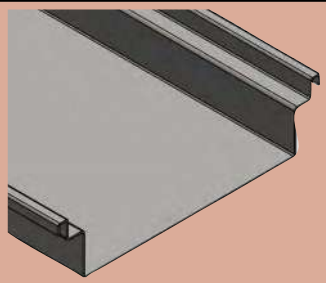
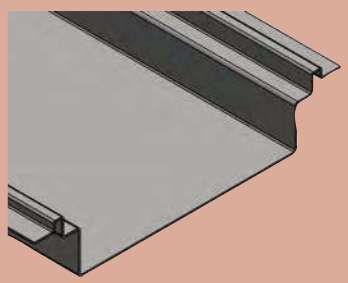
2930(CS or SS) 6" Wide Fabricated Modular Trench Drainage Systems

Channel sections are available in a range of edge profiles as shown and illustrated below.

	**Standard Edge** Sutiable for most standard applications, this detail has a single fold on the top edge to provide an attractive lead-in for poured in place applications utilizing finished stained or un-stained concrete.
	**(CE) Clamp Edge** For use with vinyl and other flexible sheet materials, the profile is tapered on each side and incorporates a stainless steel clamp for a watertight connection to the flooring. Access to the channel and outlets is easily achieved without disturbing the floor covering.
	**(EE) Elastomeric Edge** For use with poured or trowelded floor materials shuch as Dex-O-Tex, the profile incorporates a wide flange on both sides to allow the membrane to adher, plus an upset edge preset to the floor material thickness. Normally furnished with a 3/16" upset edge, other thickenesses can be specified.
	**(NE) Narrow Edge** The narrow edge detail is suitable for most standard applications. This profile provides an ideal floor abutment face for either finished stained or un-stained surfaces. Tile finishes can also be accomodated by leaving the top edge exposed to the anticipated finish floor thickness durining the initial pour.
	**(RE) Return Edge** An additional fold on the top edge provides extra stability to the channel and allows for a defined abutment face surface for ceramic or porcelain tile. The down-turned edge is normally provided at 1/2" for most common tile finishes, but other dimensions can be specified as required to accomodate other material thicknesses. Normal installation for this profile is to pour in place with the concrete finished to the bottom edge of the return edge.
	**(SE) Support Edge** This edge detail provides a facility to receive and support the floor finish. This style is commanly used in wood deck construction or precast concrete applications with cored openings.. The flange can be supplied with anchor holes for securing to the deck surface. Upset dimension for floor thickness mut be specified on the order.

2940(CS or SS) 12" Wide Fabricated Modular Trench Drainage Systems

Channel sections are available in a range of edge profiles as shown and illustrated below.

	**Standard Edge** Sutiable for most standard applications, this detail has a single fold on the top edge to provide an attractive lead-in for poured in place applications utilizing finished stained or un-stained concrete.
	**(CE) Clamp Edge** For use with vinyl and other flexible sheet materials, the profile is tapered on each side and incorporates a stainless steel clamp for a watertight connection to the flooring. Access to the channel and outlets is easily achieved without disturbing the floor covering.
	**(EE) Elastomeric Edge** For use with poured or trowelded floor materials shuch as Dex-O-Tex, the profile incorporates a wide flange on both sides to allow the membrane to adher, plus an upset edge preset to the floor material thickness. Normally furnished with a 3/16" upset edge, other thickenesses can be specified.
	**(NE) Narrow Edge** The narrow edge detail is suitable for most standard applications. This profile provides an ideal floor abutment face for either finished stained or un-stained surfaces. Tile finishes can also be accomodated by leaving the top edge exposed to the anticipated finish floor thickness durining the initial pour.
	**(RE) Return Edge** An additional fold on the top edge provides extra stability to the channel and allows for a defined abutment face surface for ceramic or porcelain tile. The down-turned edge is normally provided at 1/2" for most common tile finishes, but other dimensions can be specified as required to accomodate other material thicknesses. Normal installation for this profile is to pour in place with the concrete finished to the bottom edge of the return edge.
	**(SE) Support Edge** This edge detail provides a facility to receive and support the floor finish. This style is commanly used in wood deck construction or precast concrete applications with cored openings.. The flange can be supplied with anchor holes for securing to the deck surface. Upset dimension for floor thickness mut be specified on the order.

2930CS-FB-HDP 6" Wide Carbon Steel Modular Trench Drainage System (Flat Bottom)

Channel No.	Channel Length	List Price / Ft.
2930CS-FB-HDP	48 Inches (1219.2)	416.00

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



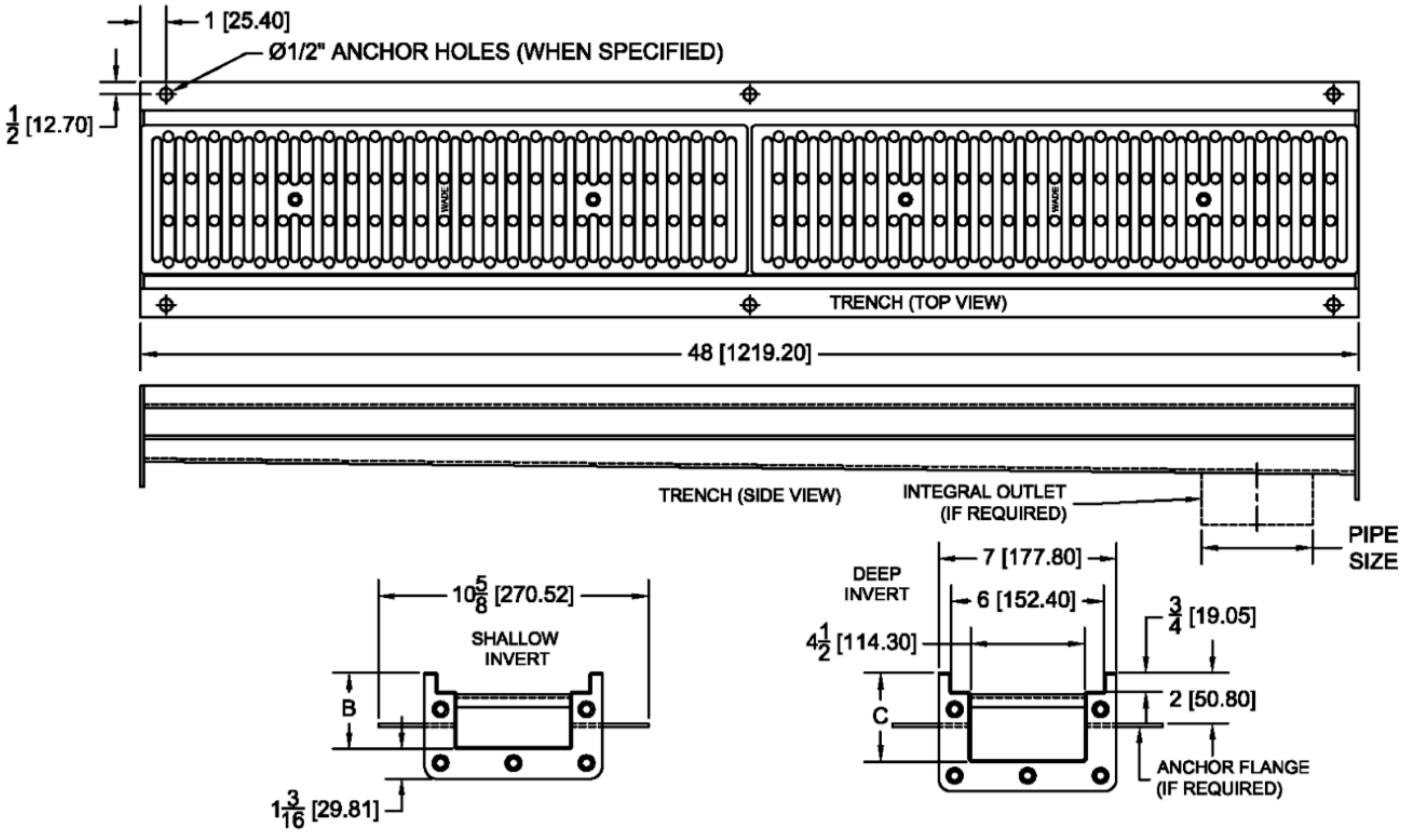
Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	23.00
HPP	ADA Heel Proof	Painted	C	23.00
HPG	ADA Heel Proof	Galvanized	C	94.00
DCP	Circular Slots	Painted	A	29.00
DCG	Circular Slots	Galvanized	A	51.00
DDP	Diagonal Slots	Painted	A	29.00
DDG	Diagonal Slots	Galvanized	A	51.00
DEP	Slotted	Painted	E	84.00
DEG	Slotted	Galvanized	E	109.00
DBP	Bar Grate	Painted	C	23.00
DBG	Bar Grate	Galvanized	C	47.00
DMP	Solid Cover	Painted	D	29.00
DMG	Solid Cover	Galvanized	D	51.00
DRP	Wide Slot	Painted	D	23.00
DRG	Wide Slot	Galvanized	D	47.00
DXP	Slotted	Painted	E	66.00
DXG	Slotted	Galvanized	E	105.00
DZP	Square Pattern	Painted	A	29.00
DZG	Square Pattern	Galvanized	A	51.00
XLP	Slotted w/ Frame	Painted	F	91.00
XLG	Slotted w/ Frame	Galvanized	F	113.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	(16.00)
CPG	Slotted Reinforced	Galvanized	C	20.00
FPG	Perforated	Galvanized	A	(16.00)
RSG	Reinforced Perforated	Galvanized	C	20.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
SBS	Cast Bar Grate	Satin	C	466.00
SDS	Slotted	Satin	A	41.00
SPS	Perforated	Satin	A	41.00
SFS	Slotted Reinforced	Satin	C	146.00
SHS	Square Hole Reinforced	Satin	C	146.00
SRS	Perforated Reinforced	Satin	C	146.00
SSS	ADA Cast Slotted	Satin	B	466.00
SMS	Solid Cover	Satin	A	41.00
SNS	Reinforced Solid Cover	Satin	C	146.00
SPP	D.I. w. S/S Veneer	Painted	C	180.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	249.00
SQS	Square Hole	Satin	A	41.00
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	466.00
BZK	Square Pattern	Satin	C	466.00
BDK	Diagonal Pattern	Satin	A	466.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four) Price/Set			60.00
EP	End Plate (Specify Depth Suffix) Price/Ea.			78.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix) Price Per/Ea.			153.00
FC	3/4" NPT Flushing Connection Price/Ea.			146.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.			15.00
VPA	High Security (Hex Key - Pin Allen Screws) Price/Ft.			15.00
24	Anchor Flange w/ Anchor Holes Price/Ft.			N/C
26	Anchor Flange w/ Clamp Device Price/Ft.			286.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.			479.00
Outlet Options (Add/Ea.)				
NH	No-Hub Coupling (2NH,3NH,4NH)			78.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			78.00
Fabrication Options (Add/Ea.)				
45	45 Degree Section			2,430.00
90	90 Degree Section			3,189.00
TEE	Tee Section			2,809.00
CROSS	Cross Section			4,782.00
Custom Edge Options (Add/Ft.)				
CE	Clamp Edge			P.O.A
EE	Elastomeric Flange Edge			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge			P.O.A
SE	Support Edge			P.O.A

2930CS-FB-HDP 6" Wide Carbon Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2930CS-VB-HDP 6" Wide Carbon Steel Modular Trench Drainage System (V Bottom)

Channel No.	Channel Length	List Price / Ft.
2930CS-VB-HDP	48 Inches (1219.2)	438.00



Regularly Furnished: 6" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.

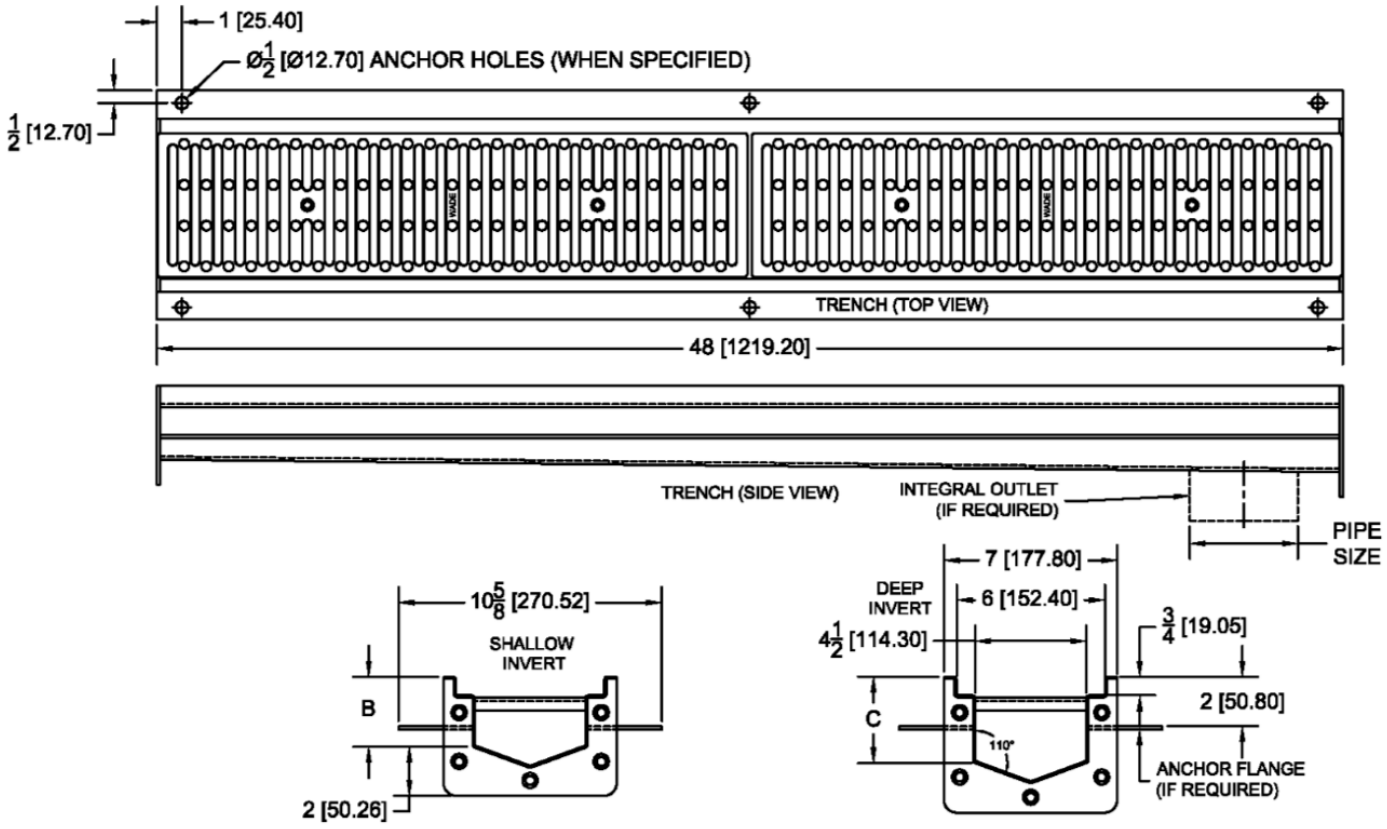
Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	23.00
HPP	ADA Heel Proof	Painted	C	23.00
HPG	ADA Heel Proof	Galvanized	C	94.00
DCP	Circular Slots	Painted	A	29.00
DCG	Circular Slots	Galvanized	A	51.00
DDP	Diagonal Slots	Painted	A	29.00
DDG	Diagonal Slots	Galvanized	A	51.00
DEP	Slotted	Painted	E	84.00
DEG	Slotted	Galvanized	E	109.00
DBP	Bar Grate	Painted	C	23.00
DBG	Bar Grate	Galvanized	C	47.00
DMP	Solid Cover	Painted	D	29.00
DMG	Solid Cover	Galvanized	D	51.00
DRP	Wide Slot	Painted	D	23.00
DRG	Wide Slot	Galvanized	D	47.00
DXP	Slotted	Painted	E	66.00
DXG	Slotted	Galvanized	E	105.00
DZP	Square Pattern	Painted	A	29.00
DZG	Square Pattern	Galvanized	A	51.00
XLP	Slotted w/ Frame	Painted	F	91.00
XLG	Slotted w/ Frame	Galvanized	F	113.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	(16.00)
CPG	Slotted Reinforced	Galvanized	C	20.00
FPG	Perforated	Galvanized	A	(16.00)
RSG	Reinforced Perforated	Galvanized	C	20.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
SBS	Cast Bar Grate	Satin	C	466.00
SDS	Slotted	Satin	A	41.00
SPS	Perforated	Satin	A	41.00
SFS	Slotted Reinforced	Satin	C	146.00
SHS	Square Hole Reinforced	Satin	C	146.00
SRS	Perforated Reinforced	Satin	C	146.00
SSS	ADA Cast Slotted	Satin	B	466.00
SMS	Solid Cover	Satin	A	41.00
SNS	Reinforced Solid Cover	Satin	C	146.00
SPP	D.I. w. S/S Veneer	Painted	C	180.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	249.00
SQS	Square Hole	Satin	A	41.00
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	466.00
BZK	Square Pattern	Satin	C	466.00
BDK	Diagonal Pattern	Satin	A	466.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four) Price/Set			60.00
EP	End Plate (Specify Depth Suffix) Price/Ea.			78.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix) Price Per/Ea.			153.00
FC	3/4" NPT Flushing Connection Price/Ea.			146.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.			15.00
VPA	High Security (Hex Key - Pin Allen Screws) Price/Ft.			15.00
24	Anchor Flange w/ Anchor Holes Price/Ft.			N/C
26	Anchor Flange w/ Clamp Device Price/Ft.			286.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.			479.00
Outlet Options (Add/Ea.)				
NH	No-Hub Coupling (2NH,3NH,4NH)			78.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			78.00
Fabrication Options (Add/Ea.)				
45	45 Degree Section			2,430.00
90	90 Degree Section			3,189.00
TEE	Tee Section			2,809.00
CROSS	Cross Section			4,782.00
Custom Edge Options (Add/Ft.)				
CE	Clamp Edge			P.O.A
EE	Elastomeric Flange Edge			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge			P.O.A
SE	Support Edge			P.O.A

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

2930CS-VB-HDP 6" Wide Carbon Steel Modular Trench Drainage System (V Bottom)

Regularly Furnished: 6" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



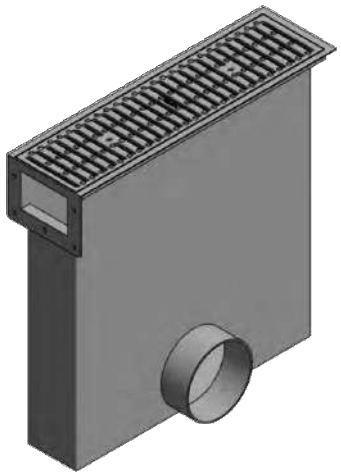
Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2930CSB-(FB or VB)-HDP 6" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

Channel No.	Length	List Price/Ea.
2930CSB-FB-HDP	24.70 Inches (627.4)	760.00
2930CSB-VB-HDP	24.70 Inches (627.4)	760.00



Regularly Furnished: 6" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.

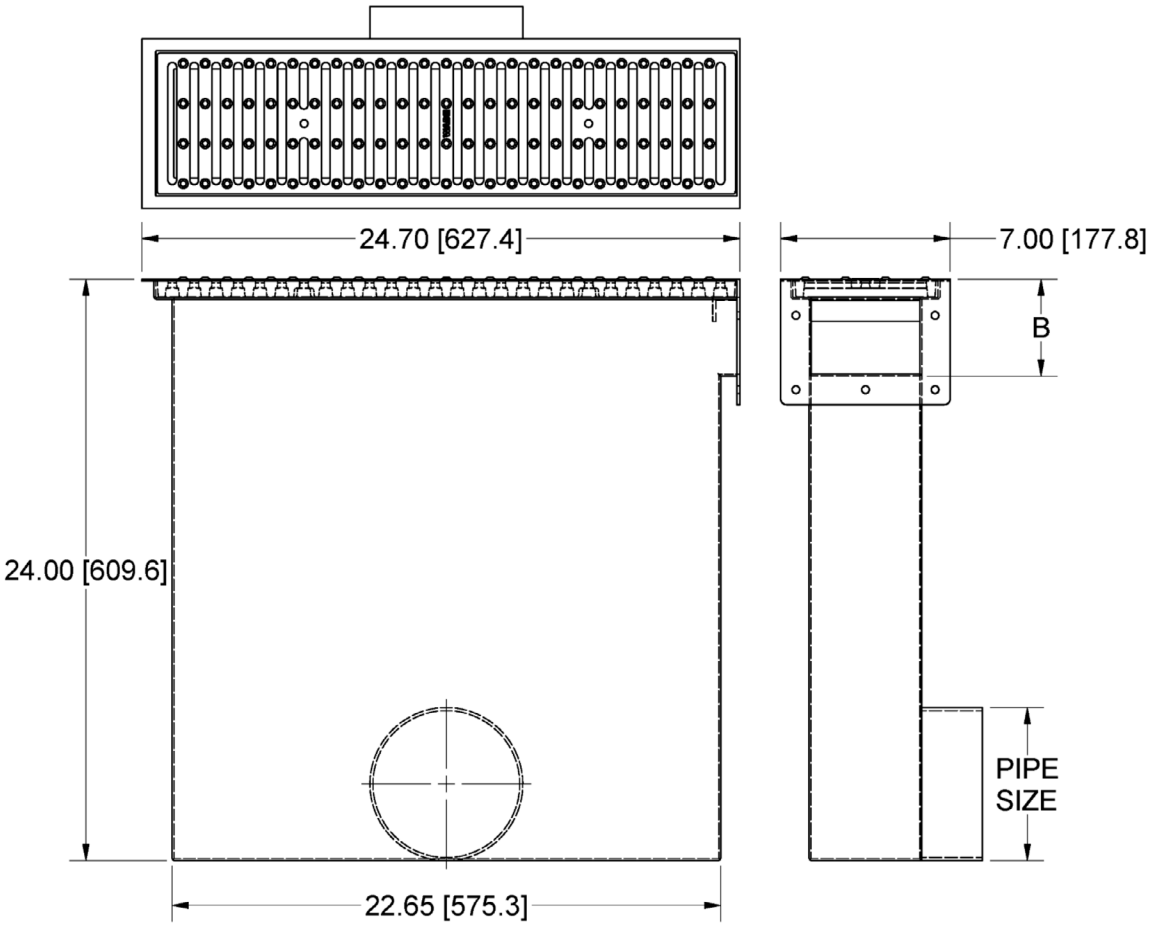
Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	45.00
HPP	ADA Heel Proof	Painted	C	45.00
HPG	ADA Heel Proof	Galvanized	C	187.00
DCP	Circular Slots	Painted	A	57.00
DCG	Circular Slots	Galvanized	A	101.00
DDP	Diagonal Slots	Painted	A	57.00
DDG	Diagonal Slots	Galvanized	A	101.00
DEP	Slotted	Painted	E	168.00
DEG	Slotted	Galvanized	E	217.00
DBP	Bar Grate	Painted	C	45.00
DBG	Bar Grate	Galvanized	C	93.00
DMP	Solid Cover	Painted	D	57.00
DMG	Solid Cover	Galvanized	D	101.00
DRP	Wide Slot	Painted	D	45.00
DRG	Wide Slot	Galvanized	D	131.00
DXP	Slotted	Painted	E	131.00
DXG	Slotted	Galvanized	E	210.00
DZP	Square Pattern	Painted	A	57.00
DZG	Square Pattern	Galvanized	A	101.00
XLP	Slotted w/ Frame	Painted	F	181.00
XLG	Slotted w/ Frame	Galvanized	F	225.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	(30.00)
CPG	Slotted Reinforced	Galvanized	C	40.00
FPG	Perforated	Galvanized	A	(30.00)
RSG	Reinforced Perforated	Galvanized	C	40.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	19.00
PBD	Slotted	Dark Gray	B	19.00
PSG	Slotted	Gray	B	19.00
PGG	Slotted	Green	B	19.00
PBB	Slotted	Black	B	19.00
PSA	Slotted	Sand	B	19.00
PBR	Slotted	Brick Red	B	19.00
PPG	Perforated	Gray	B	19.00
PPW	Perforated	White	B	19.00

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea**
SBS	Cast Bar Grate	Satin	C	931.00
SDS	Slotted	Satin	A	82.00
SPS	Perforated	Satin	A	82.00
SFS	Slotted Reinforced	Satin	C	292.00
SHS	Square Hole Reinforced	Satin	C	292.00
SRS	Perforated Reinforced	Satin	C	292.00
SSS	ADA Cast Slotted	Satin	B	931.00
SMS	Solid Cover	Satin	A	82.00
SNS	Reinforced Solid Cover	Satin	C	292.00
SPP	D.I. w. S/S Veneer	Painted	C	357.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	498.00
SQS	Square Hole	Satin	A	82.00
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	931.00
BZK	Square Pattern	Satin	C	931.00
BDK	Diagonal Pattern	Satin	A	931.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four) Price/Set			82.00
EP	End Plate (Specify Depth Suffix) Price/Ea.			78.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix) Price Per/Ea.			78.00
FC	3/4" NPT Flushing Connection Price/Ea.			146.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.			15.00
VPA	High Security (Hex Key - Pin Allen Screws) Price/Ft.			18.00
24	Anchor Flange w/ Anchor Holes Price/Ft.			N/C
26	Anchor Flange w/ Clamp Device Price/Ft.			577.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.			479.00
Outlet Options (Add/Ea.)				
NH	No-Hub Coupling (2NH,3NH,4NH)			N/C
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			N/C
Custom Edge Options (Add/Ft.)				
CE	Clamp Edge			P.O.A.
EE	Elastomeric Flange Edge			P.O.A.
NE	Narrow Edge			P.O.A.
RE	Return Edge			P.O.A.
SE	Support Edge			P.O.A.

2930CS-VB-HDP 6" Wide Carbon Steel Modular Trench Drainage System (V Bottom)

Regularly Furnished: 6" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



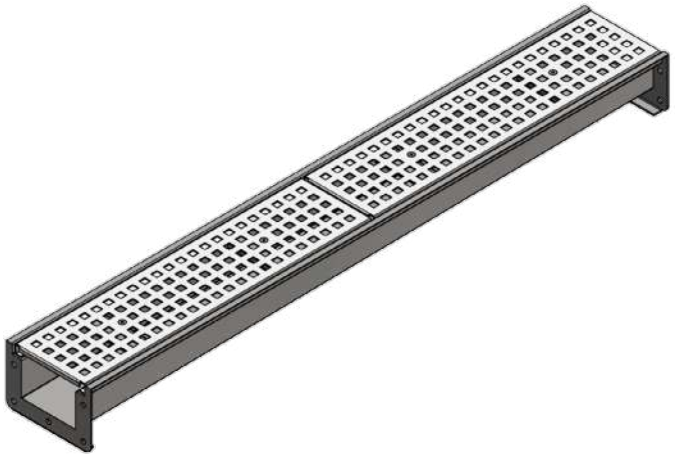
Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

2930SS-FB-SQS 6" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Channel No.	Channel Length	List Price / Ft.
2930SS-FB-SQS	48 Inches (1219.2)	612.00

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



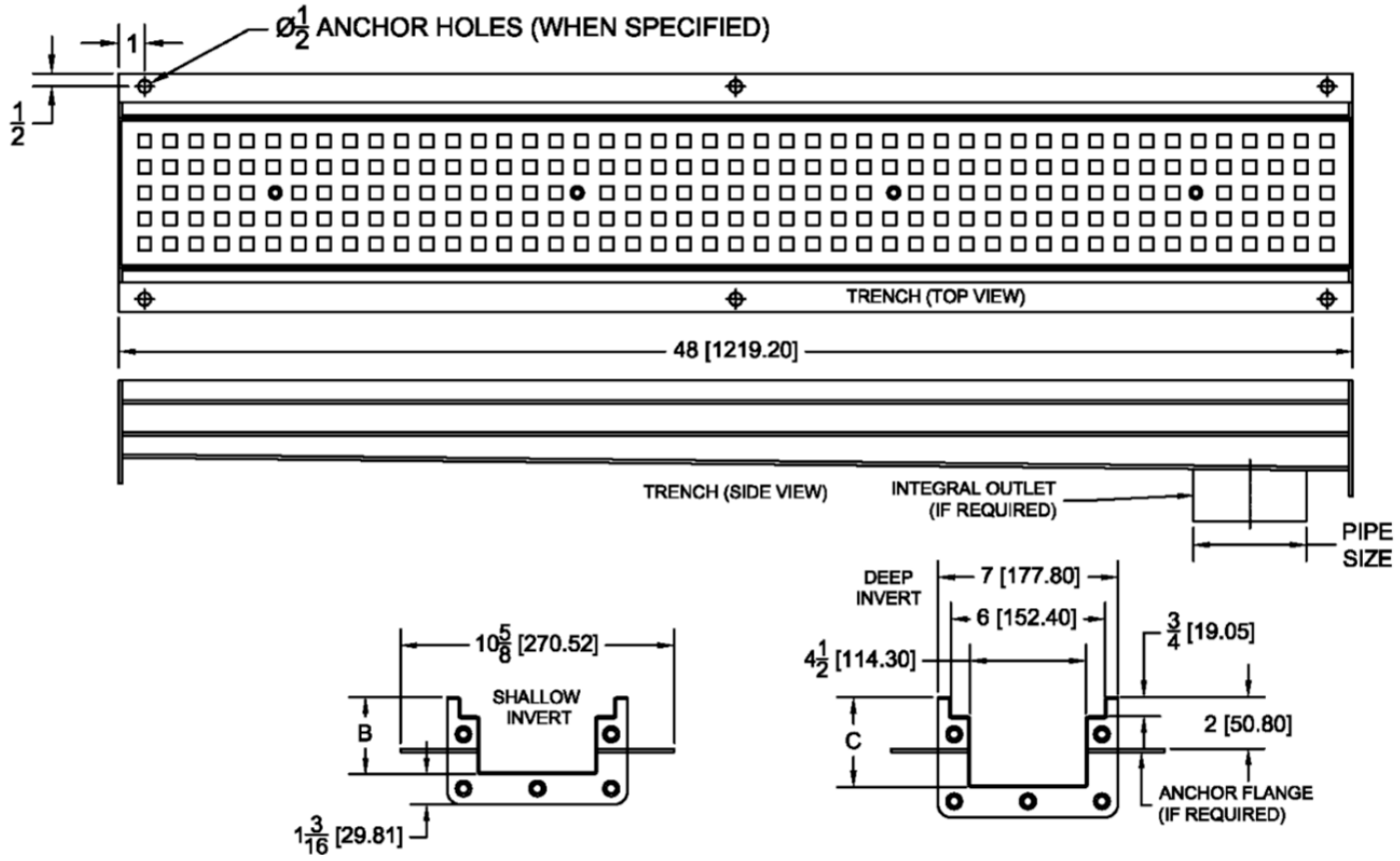
Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
SBS	Cast Bar Grate	Satin	C	425.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SFS	Slotted Reinforced	Satin	C	105.00
SHS	Square Hole Reinforced	Satin	C	105.00
SRS	Perforated Reinforced	Satin	C	105.00
SSS	ADA Cast Slotted	Satin	B	425.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	105.00
SPP	D.I. w. S/S Veneer	Painted	C	139.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	209.00
SQS	Square Hole	Satin	A	N/C
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	425.00
BCK	Square Pattern	Satin	C	425.00
BDK	Diagonal Pattern	Satin	A	425.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Suffix Options		
Suffix	**Description**	**Add**
AC	Rebar Anchor Clips (Set of Four) Price/Set	82.00
EP	End Plate (Specify Depth Suffix) Price/Ea.	479.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix)	955.00
FC	3/4" NPT Flushing Connection Price/Ea.	294.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.	15.00
VPA	High Security (Hex Key - Pin Allen) Price/Ft.	18.00
24	Anchor Flange w/ Anchor Holes Price/Ft.	175.00
26	Anchor Flange w/ Clamp Device Price/Ft.	289.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.	479.00
Outlet Options (Add/Ea.)		
NH	No-Hub Coupling (2NH,3NH,4NH)	82.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)	82.00
Fabrication Options (Add/Ea.)		
45	45 Degree Section Price/Ea.	3,821.00
90	90 Degree Section Price/Ea.	3,821.00
TEE	Tee Section Price/Ea.	3,821.00
CROSS	Cross Section Price/Ea.	7,640.00
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge	P.O.A
EE	Elastomeric Flange Edge	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge	P.O.A
SE	Support Edge	P.O.A

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

2930SS-FB-SQS 6" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

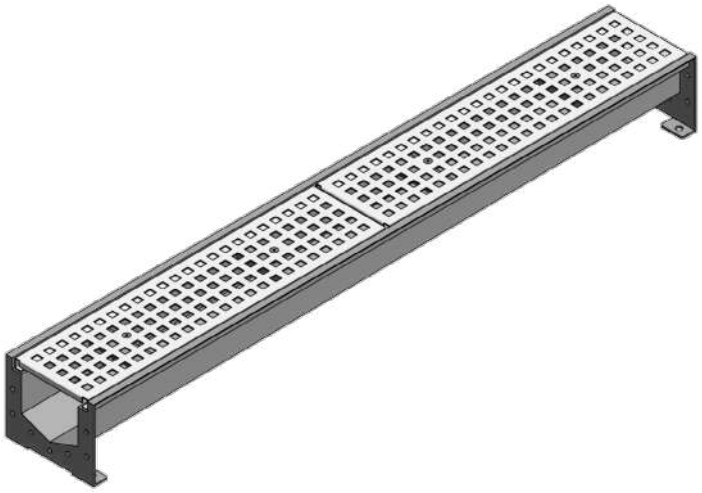
Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2930SS-VB-SQS 6" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Channel No.	Channel Length	List Price/Ft.
2930SS-VB-SQS	48 Inches (1219.2)	612.00

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



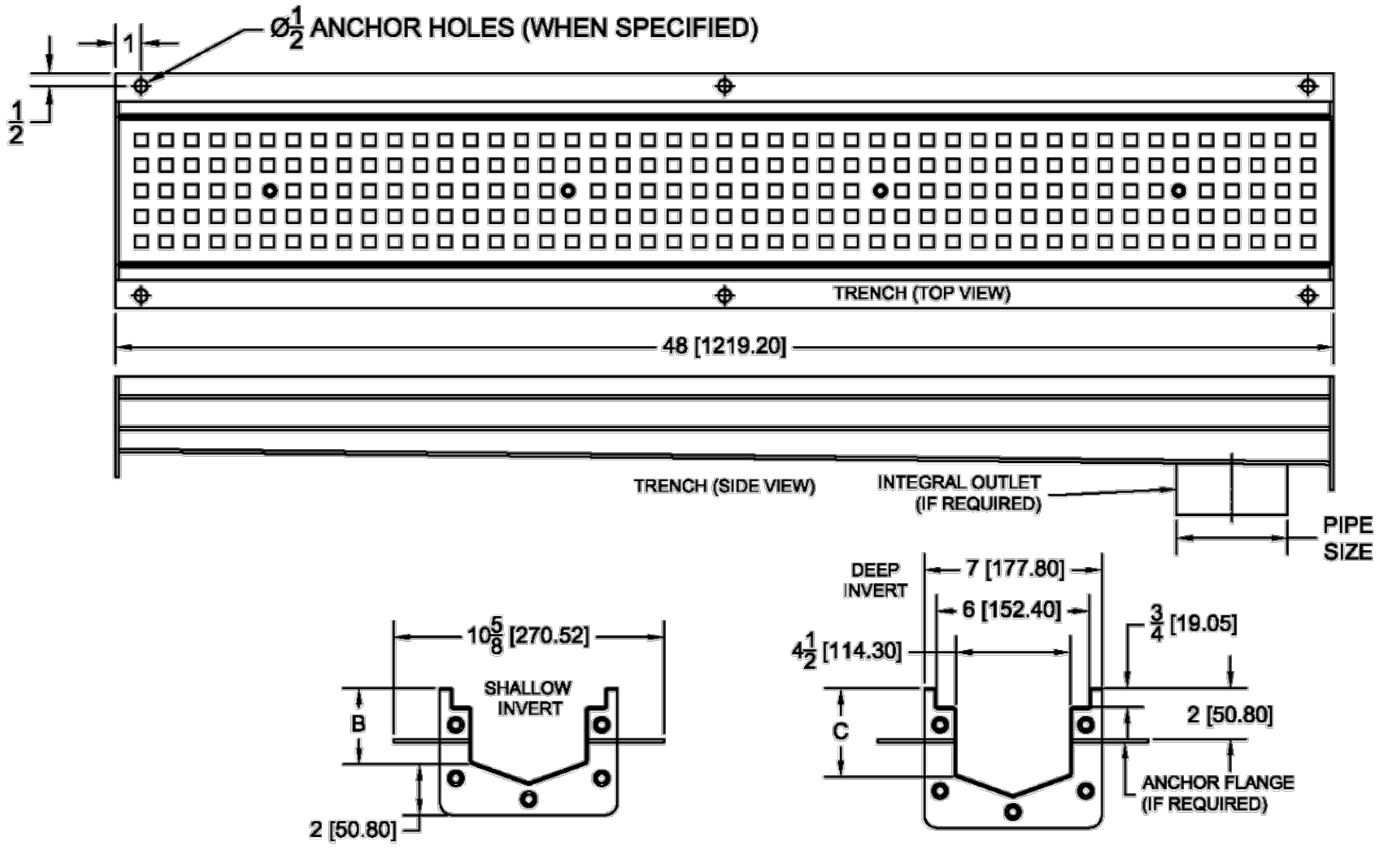
Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft.**
SBS	Cast Bar Grate	Satin	C	425.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SFS	Slotted Reinforced	Satin	C	105.00
SHS	Square Hole Reinforced	Satin	C	105.00
SRS	Perforated Reinforced	Satin	C	105.00
SSS	ADA Cast Slotted	Satin	B	425.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	105.00
SPP	D.I. w. S/S Veneer	Painted	C	139.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	209.00
SQS	Square Hole	Satin	A	N/C
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	425.00
BCK	Square Pattern	Satin	C	425.00
BDK	Diagonal Pattern	Satin	A	425.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Suffix Options		
Suffix	**Description**	**Add**
AC	Rebar Anchor Clips (Set of Four) Price/Set	82.00
EP	End Plate (Specify Depth Suffix) Price/Ea.	479.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix)	955.00
FC	3/4" NPT Flushing Connection Price/Ea.	294.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.	15.00
VPA	High Security (Hex Key - Pin Allen) Price/Ft.	18.00
24	Anchor Flange w/ Anchor Holes Price/Ft.	175.00
26	Anchor Flange w/ Clamp Device Price/Ft.	289.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.	479.00
Outlet Options (Add/Ea.)		
NH	No-Hub Coupling (2NH,3NH,4NH)	82.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)	82.00
Fabrication Options (Add/Ea.)		
45	45 Degree Section Price/Ea.	3,821.00
90	90 Degree Section Price/Ea.	3,821.00
TEE	Tee Section Price/Ea.	3,821.00
CROSS	Cross Section Price/Ea.	7,640.00
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge	P.O.A
EE	Elastomeric Flange Edge	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge	P.O.A
SE	Support Edge	P.O.A

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

2930SS-VB-SQS 6" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 6" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

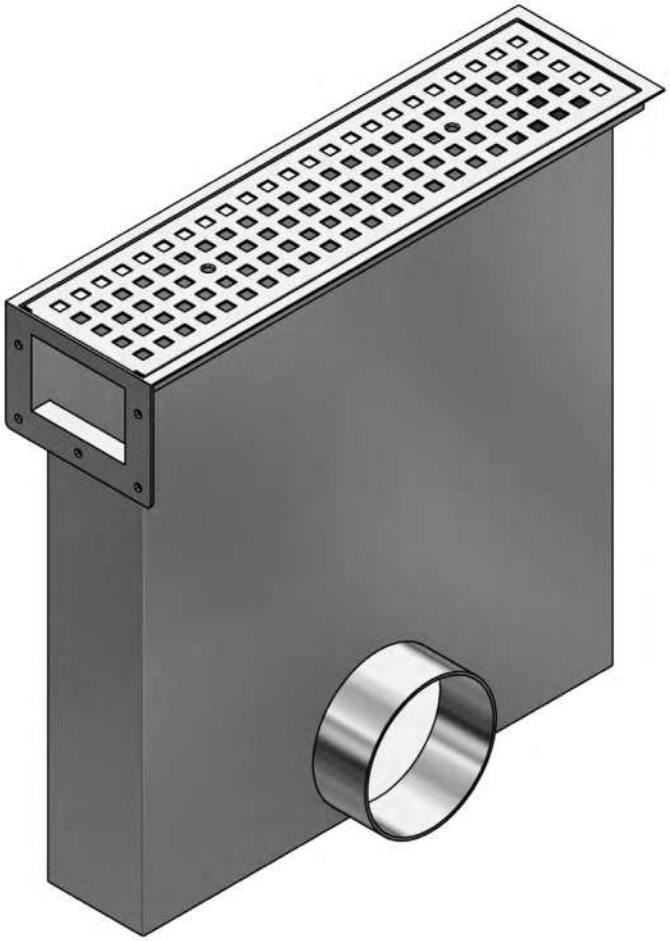
Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2930SSB-(FB or VB)-SQS 6" Wide Stainless Steel Modular Trench Drainage System (Catch Basin)

Channel No.	Length	List Price/Ea.
2930SS-FB-HDP	24.70 Inches (627.4)	789.00
2930SS-VB-HDP	24.70 Inches (627.4)	789.00

Regularly Furnished: 6" wide fabricated stainless steel modular trench drain catch basin with flanged ends, light duty square hole perforated grate and no-hub side outlet.



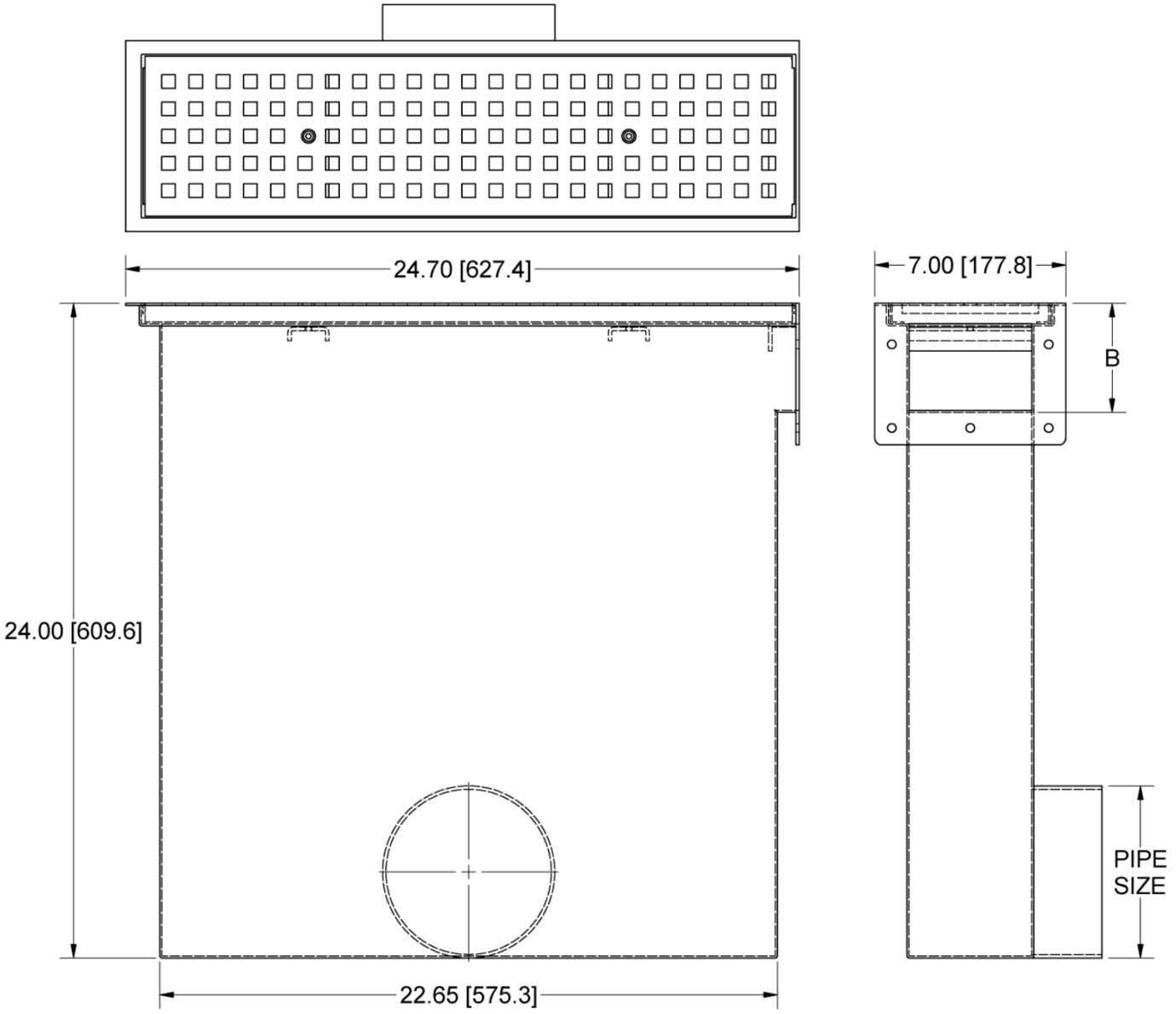
Stainless Steel Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
SBS	Cast Bar Grate	Satin	C	849.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SFS	Slotted Reinforced	Satin	C	213.00
SHS	Square Hole Reinforced	Satin	C	213.00
SRS	Perforated Reinforced	Satin	C	213.00
SSS	ADA Cast Slotted	Satin	B	849.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	213.00
SPP	D.I. w. S/S Veneer	Painted	C	277.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	415.00
SQS	Square Hole (Furnished)	Satin	A	N/C
Nickel Bronze Grate Options				
BBK	ADA Heel Proof	Satin	A	849.00
BCK	Square Pattern	Satin	C	849.00
BDK	Diagonal Pattern	Satin	A	849.00
Polyolefin (Plastic) Grate Options				
PWW	Slotted	White	B	10.00
PBD	Slotted	Dark Gray	B	10.00
PSG	Slotted	Gray	B	10.00
PGG	Slotted	Green	B	10.00
PBB	Slotted	Black	B	10.00
PSA	Slotted	Sand	B	10.00
PBR	Slotted	Brick Red	B	10.00
PPG	Perforated	Gray	B	10.00
PPW	Perforated	White	B	10.00

Suffix Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
AC	Rebar Anchor Clips (Set of Four)			82.00
EP	End Plate (Specify Depth Suffix)			479.00
VP	Vandal Proof (Hex Key - Allen Screws)			28.00
VPA	High Security (Hex Key - Pin Allen)			31.00
24	Anchor Flange w/ Anchor Holes			347.00
26	Anchor Flange w/ Clamp Device			579.00
27	Sediment Basket			479.00
Outlet Options (Add/Ea.)				
NH	No-Hub Coupling (2NH,3NH,4NH,6NH)			N/C
BW	Butt Weld Sch.10 (2NW,3BW,4BW,6BW)			N/C
Custom Edge Options (Add/Ft.)				
CE	Clamp Edge			P.O.A
EE	Elastomeric Flange Edge			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge			P.O.A
SE	Support Edge			P.O.A

Note: Grate options listed are normally stocked items. Other styles are available upon request. See pages 43-52 for details.

2930SSB-(FB or VB)-SQS 6" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

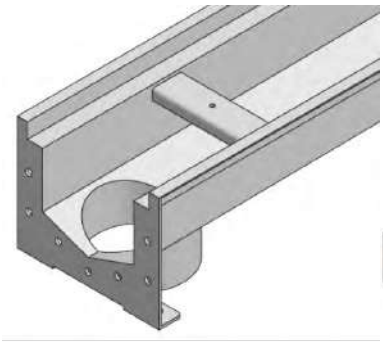
Regularly Furnished: 6" wide fabricated stainless steel modular trench drain catch basin with flanged ends, light duty square hole perforated grate and no-hub side outlet.



Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

Channel Accessories 6" Wide Stainless Steel or Carbon Steel Modular Trench Drainage System



(NH4)



(AC)

Outlet Options Price/Ea.			
Suffix	**Description**	**List Price (Carbon Steel)**	**List Price (Stainless Steel)**
2NH	2" No-Hub Outlet Price/Ea.	78.00	82.00
3NH	3" No-Hub Outlet Price/Ea.	78.00	82.00
4NH	4" No-Hub Outlet Price/Ea.	78.00	82.00
2BW	2" Butt Weld Outlet (Sch.10) Price/Ea.	78.00	82.00
3BW	3" Butt Weld Outlet (Sch.10) Price/Ea.	78.00	82.00
4BW	4" Butt Weld Outlet (Sch.10) Price/Ea.	78.00	82.00
End Plate Options Price/Ea.			
EP	End Plate (Specify Depth Suffix)	78.00	479.00
SO2	Side Outlet End Plate (Specify Depth Suffix) 2" No-Hub	153.00	955.00
SO3	Side Outlet End Plate (Specify Depth Suffix) 3" No-Hub	153.00	955.00
SO4	Side Outlet End Plate (Specify Depth Suffix) 4" No-Hub	153.00	955.00
Suffix Options			
AC	Rebar Anchor Clips (Set of 4) Price/Set	60.00	82.00
VP	Vandal Proof Screws (Hex Key - Allen) Price/Ft.	15.00	15.00
VPA	High Security Screws (Hex Key - Pin Allen) Price/Ft.	15.00	18.00
FC	Flushing Connection (3/4" NPT) Price/Ea.	146.00	294.00
27	Sediment Cup Fits in Outlet (Specify Pipe Size) Price/Ea.	479.00	480.00



(EP)



(27/FB)



(27/VB)





(VP) (VPA)



(SO)



(FC)

Fabrication Options 6" Wide Stainless Steel or Carbon Steel Modular Trench Drainage System

Fabricated sections in 45, 90 and Tee configurations are available in neutral channels.

Specify:

Model Number / Depth Suffix / Suffix Option / Grate Option on order:

i.e.: **2930CS-FB-CC-45-HDP**

Fabrication Options (Specify FB or VB) Price/Each			
Suffix	**Description**	**List Price (Carbon Steel)**	**List Price (Stainless Steel)**
45	45° Trench Section	2,430.00	3,821.00
90	90° Trench Section	3,189.00	3,821.00
TEE	Tee Section	2,809.00	3,821.00
CROSS	Cross Section	4,782.00	7,640.00



2930CS-FB-CC-45-HDP

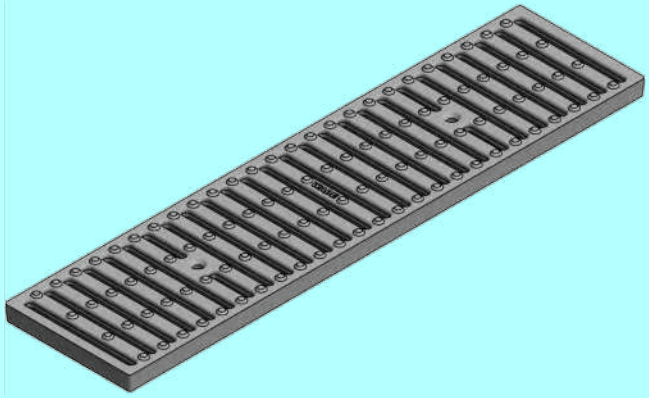


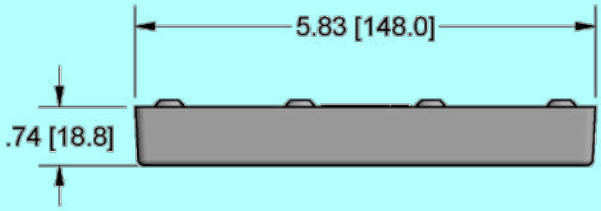
2930CS-FB-CC-TEE-HDP



2930CS-FB-CC-90-HDP

Optional Grating - Ductile Iron 6" Wide Modular Trench Drainage System

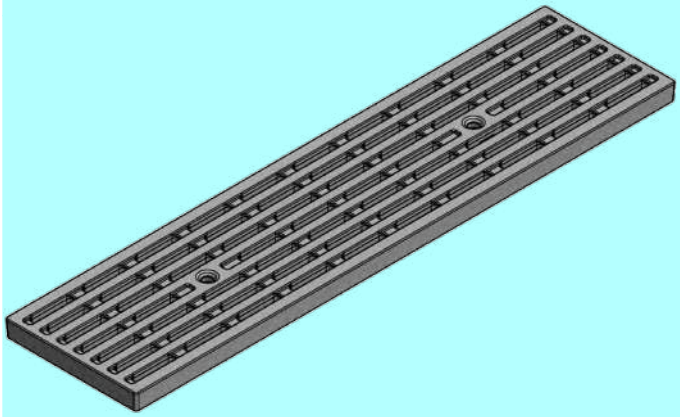


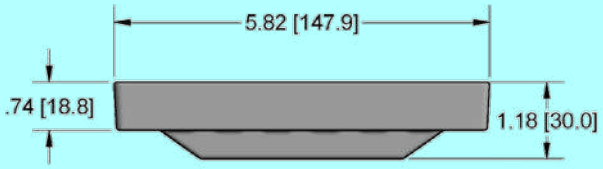


Slot Width = 11/32" (8.7)

HD (Ductile Iron) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-HDP	463290	Painted	Class C	HD	H-20	No	No	43.4	147.00
WN900-HDG	488590	Galvanized	Class C	HD	H-20	No	No	43.4	192.00

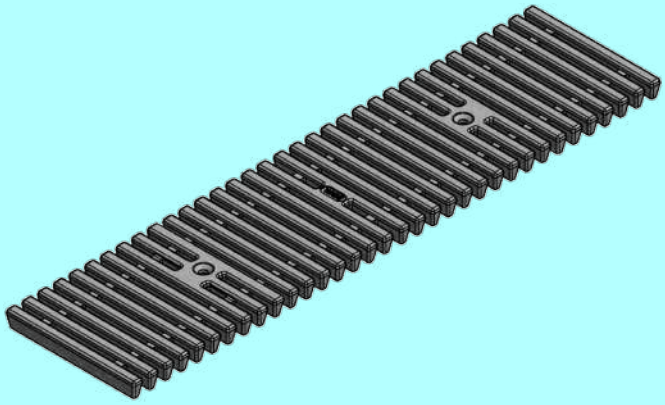


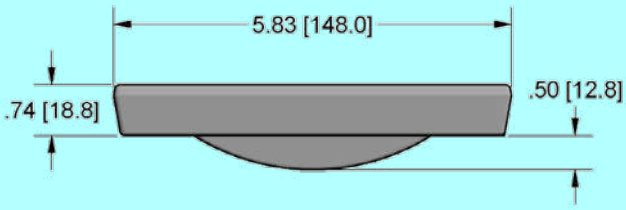


Slot Width = 5/16" (8.0)

HP (Ductile Iron) ADA (Heel Proof) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-HPP	480648	Painted	Class C	HD	H-20	No	Yes	36.2	192.00
WN900-HPG	488576	Galvanized	Class C	HD	H-20	No	Yes	36.2	334.00



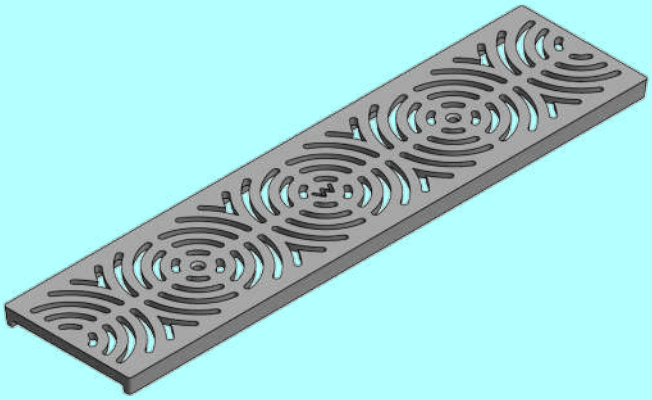


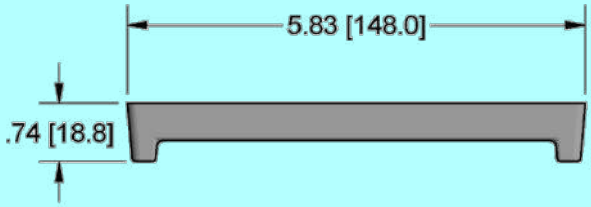
Slot Width = 11/32" (8.7)

DB (Ductile Iron) Bar Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DBP	480549	Painted	Class C	HD	H-20	No	No	38	192.00
WN900-DBG	488217	Galvanized	Class C	HD	H-20	No	No	38	240.00

Optional Grating - Ductile Iron 6" Wide Modular Trench Drainage System

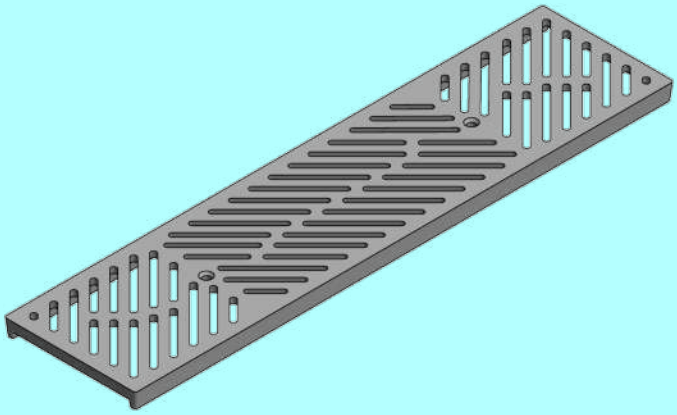


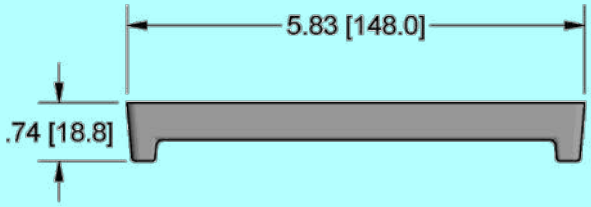


Slot Width = 1/4" (6.4)

DC (Ductile Iron) Decorative Circular Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DCP	480556	Painted	Class A	LD	No	No	Yes	35.8	204.00
WN900-DCG	488200	Galvanized	Class A	LD	No	No	Yes	35.8	248.00

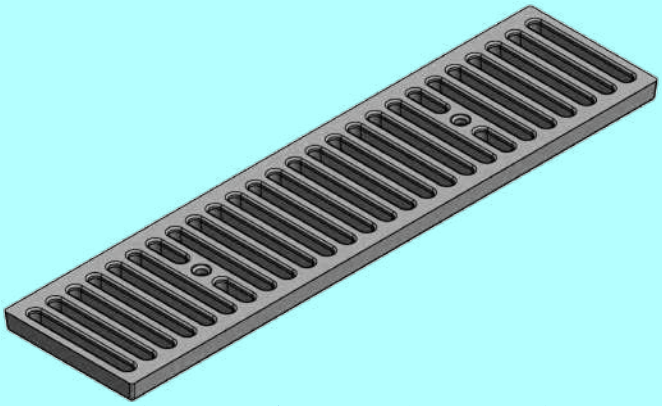


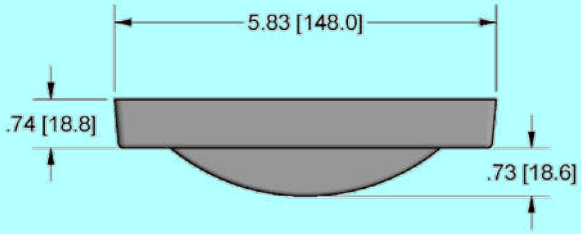


Slot Width = 1/4" (6.4)

DD (Ductile Iron) Decorative Diagonal Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DDP	480563	Painted	Class A	LD	No	No	Yes	40.5	204.00
WN900-DDG	488194	Galvanized	Class A	LD	No	No	Yes	40.5	248.00



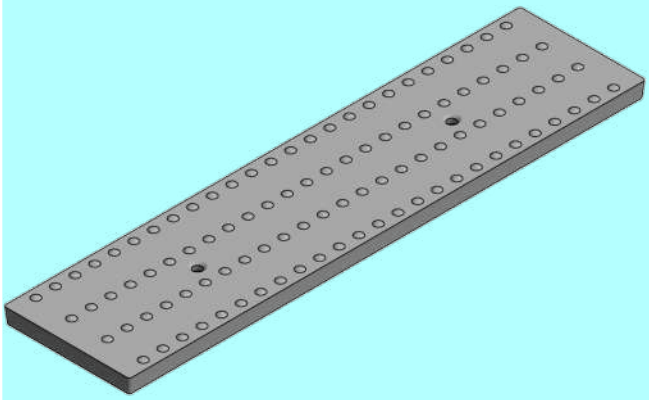


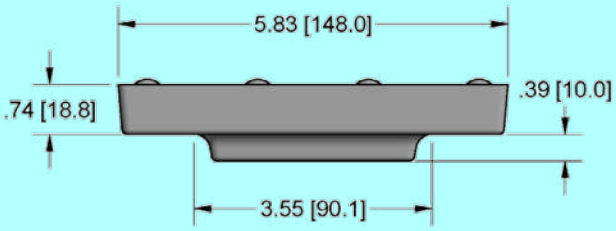
Slot Width = 11/32" (8.7)

DE (Ductile Iron) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DEP	497905	Painted	Class C	HD	H-20	No	No	43.4	315.00
WN900-DEG	497929	Galvanized	Class C	HD	H-20	No	No	43.4	364.00

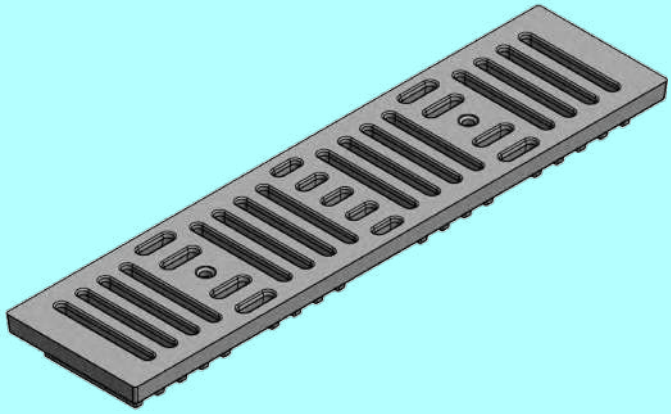
Optional Grating - Ductile Iron 6" Wide Modular Trench Drainage System

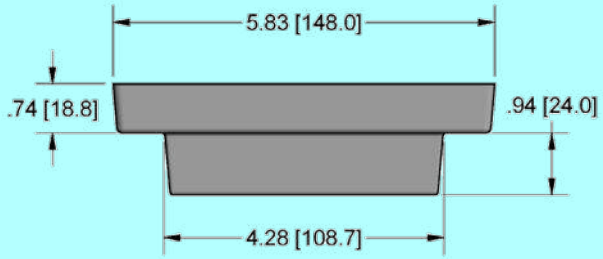




DM (Ductile Iron) Solid Cover (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DMP	480587	Painted	Class E	SD	H-20	Yes	Yes	None	204.00
WN900-DMG	488163	Galvanized	Class E	SD	H-20	Yes	Yes	None	248.00

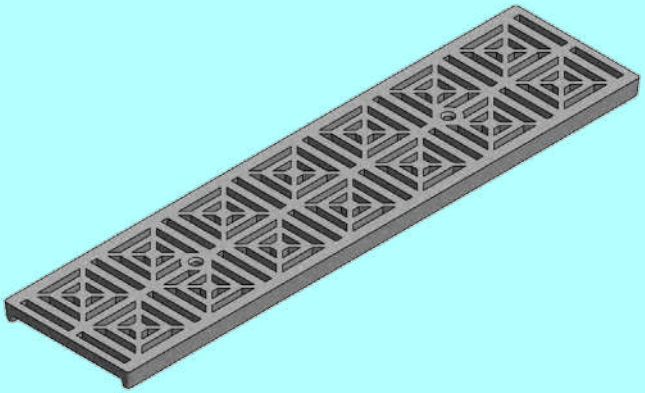


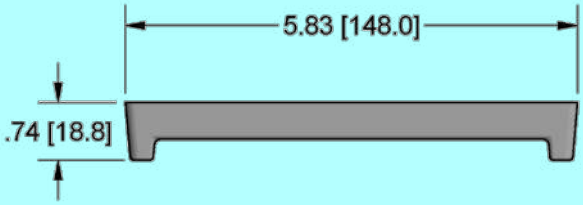


Slot Width = 13/32" (10.3)

DR (Ductile Iron) Wide Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DXP	480594	Painted	Class F	SD	H-20	Yes	No	38	278.00
WN900-DXG	488613	Galvanized	Class F	SD	H-20	Yes	No	38	357.00



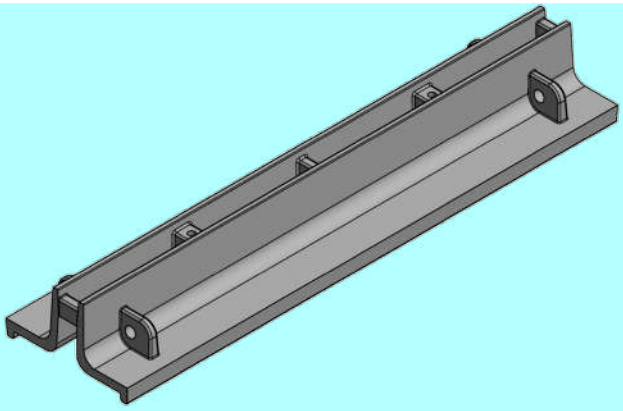


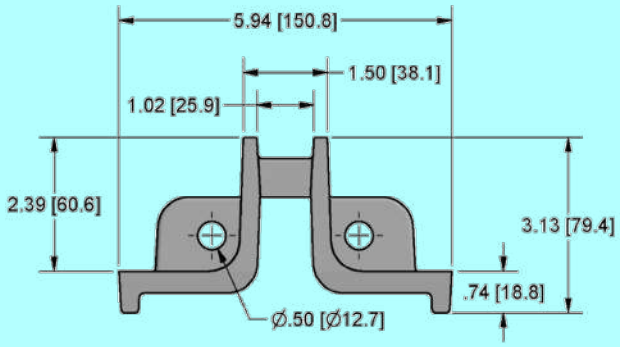
Slot Width = 9/32" (7.1)

DZ (Ductile Iron) Decorative Square Weave Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DZP	480617	Painted	Class A	LD	No	No	Yes	46.4	204.00
WN900-DZG	488606	Galvanized	Class A	LD	No	No	Yes	46.4	248.00

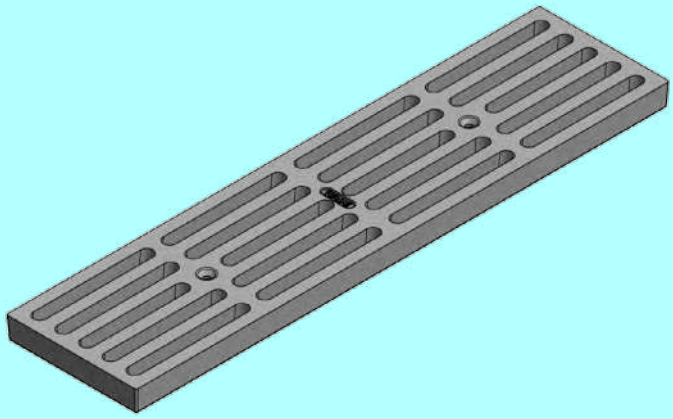
Optional Grating - Ductile Iron 6" Wide Modular Trench Drainage System

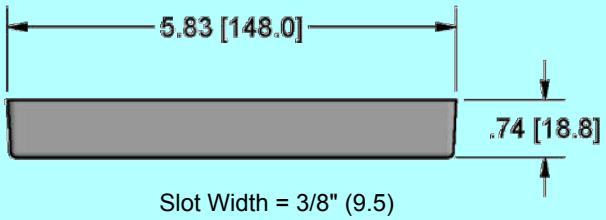




HL (Ductile Iron) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-HLP	489023	Painted	Class F	SD	H-20	Yes	No	21.7	276.00
WN900-HLG	489030	Galvanized	Class F	SD	H-20	Yes	No	21.7	357.00



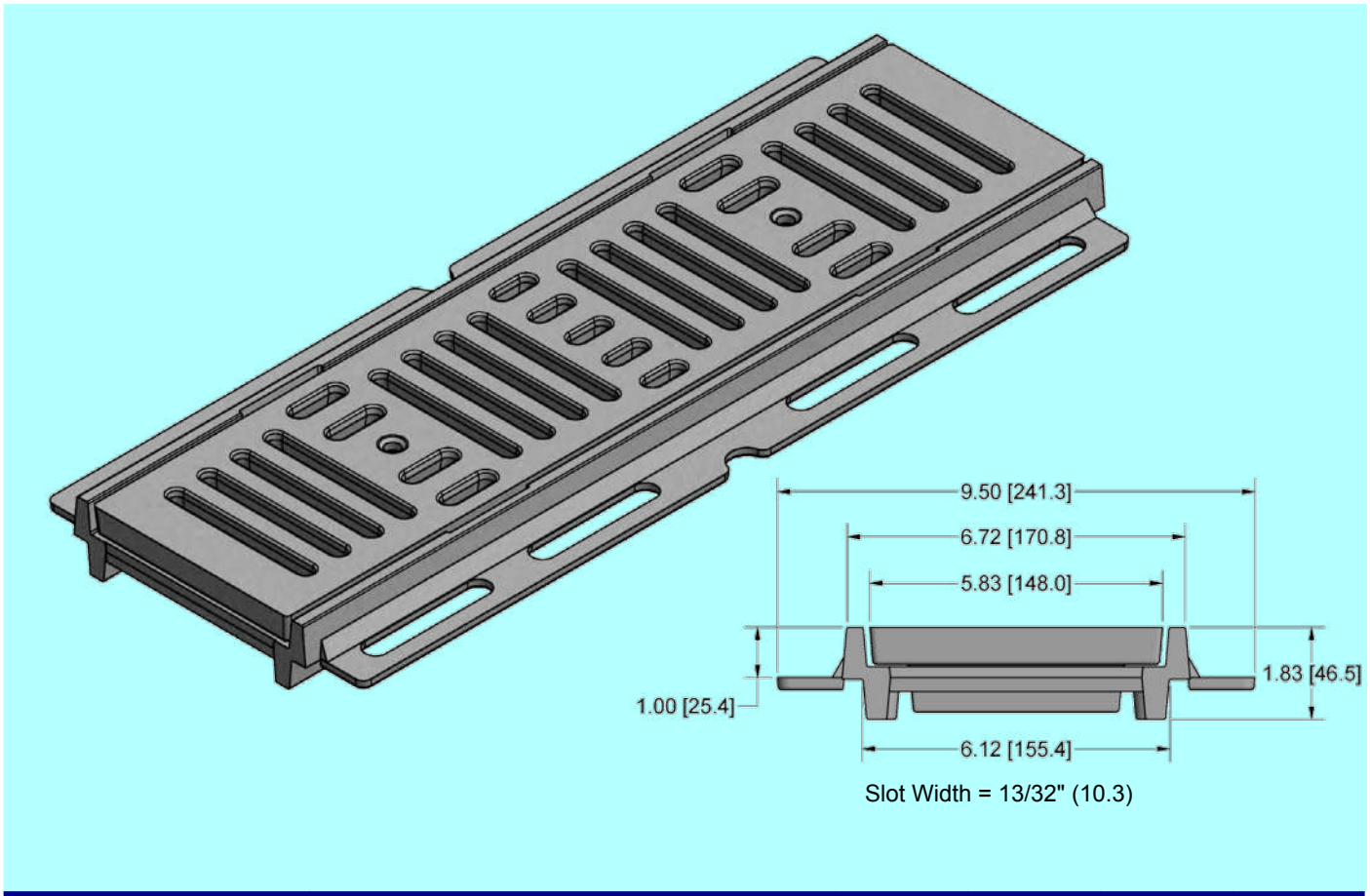


Slot Width = 3/8" (9.5)

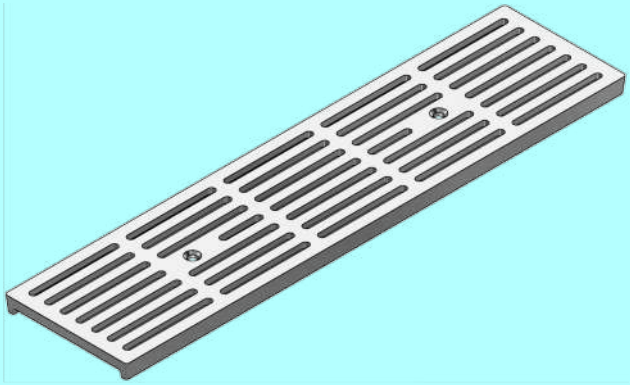
DH (Ductile Iron) Longitudinally Slotted (24" Long)

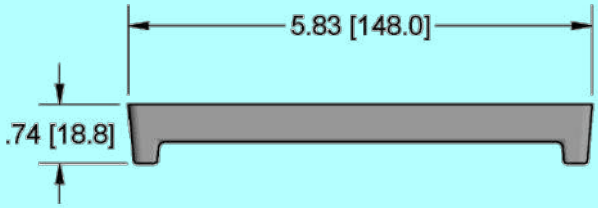
Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-DHP	480570	Painted	Class C	HD	H-20	No	Yes	43.4	175.00
WN900-DHG	488170	Galvanized	Class C	HD	H-20	No	Yes	43.4	219.00

Optional Grating - Ductile Iron 6" Wide Modular Trench Drainage System



XL (Ductile Iron) Slotted w/ Frame (24" Long)									
Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-XLP	535900	Painted	Class F	SD	H-25	Yes	No	38.0	328.00
WN900-XLG	535901	Galvanized	Class F	SD	H-25	Yes	No	38.0	372.00
Same As Above w/ One End Capped									
900-XLPC	535902	Painted	Class F	SD	H-25	Yes	No	38.0	350.00
900-XLGC	535903	Galvanized	Class F	SD	H-25	Yes	No	38.0	393.00

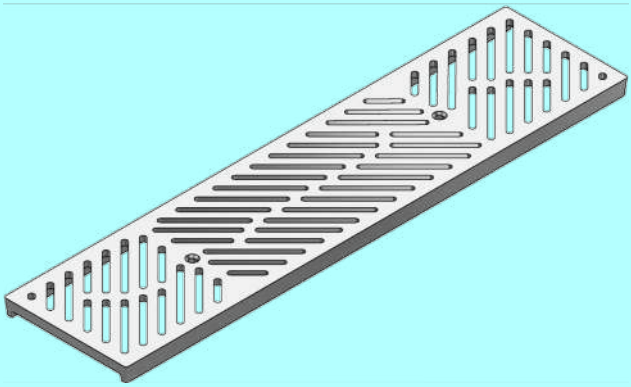


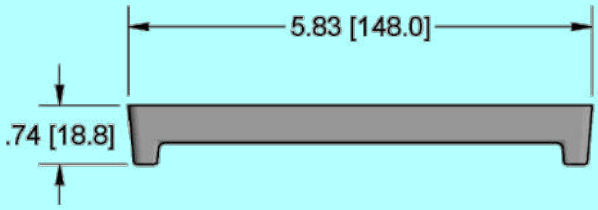


Slot Width = 5/16" (8.0)

BBK (Nickel Bronze) Cast ADA (Heel Proof) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-BBK	488989	Satin	Class A	LD	No	Yes	Yes	38.2	1,078.00

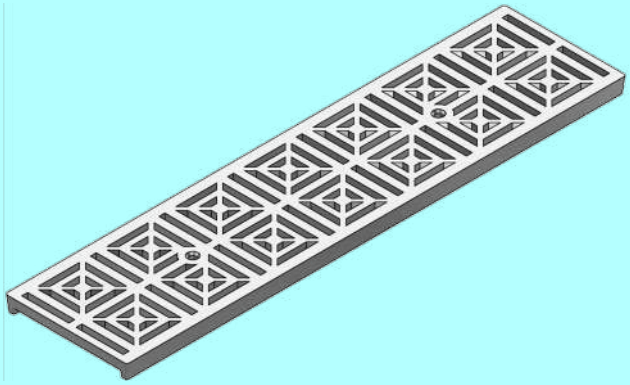


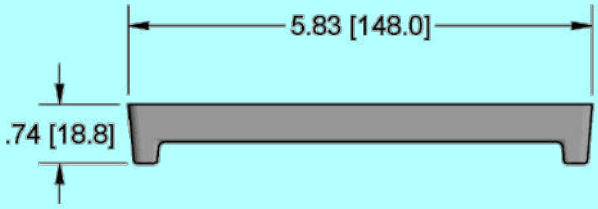


Slot Width = 1/4" (6.3)

BDK (Nickel Bronze) Cast Decorative Diagonal Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-BDK	489009	Satin	Class A	LD	No	No	Yes	40.5	1,078.00

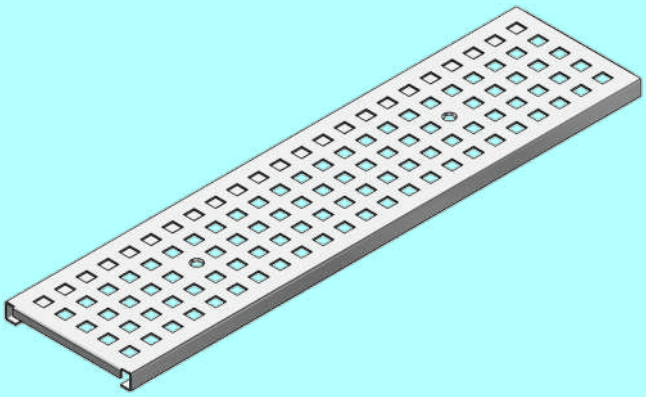


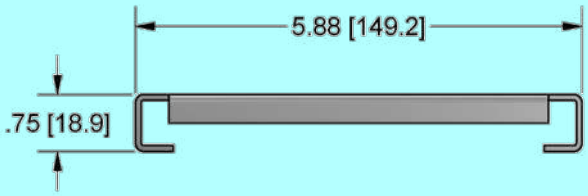


Slot Width = 1/4" (6.3)

BZK (Nickel Bronze) Cast Decorative Square Weave Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-BZK	489016	Satin	Class A	LD	No	No	Yes	38.0	1,078.00

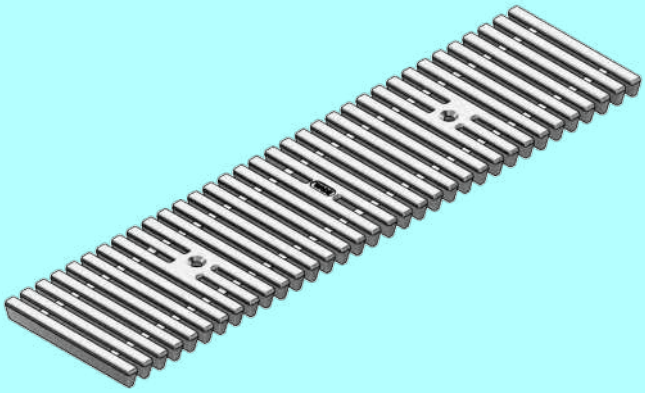


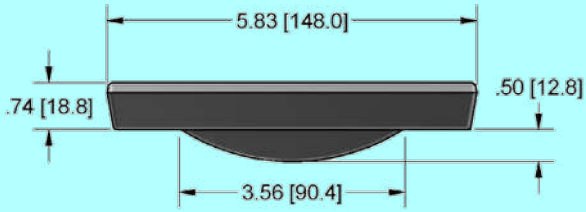


Square Hole Size = 3/8" (9.5)

SQS (Stainless Steel) Fabricated Square Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SQS	488929	Satin	Class A	LD	No	No	Yes	28.8	229.00

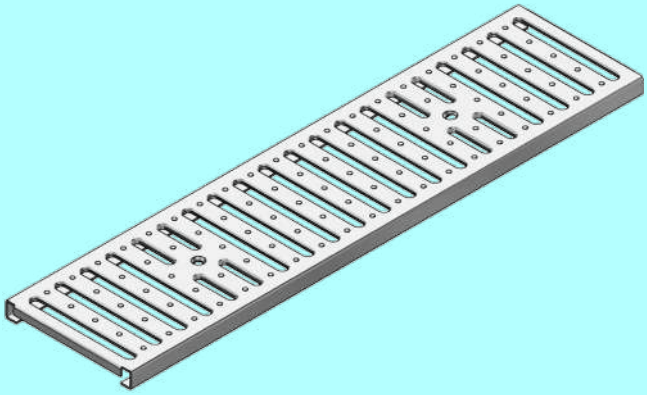


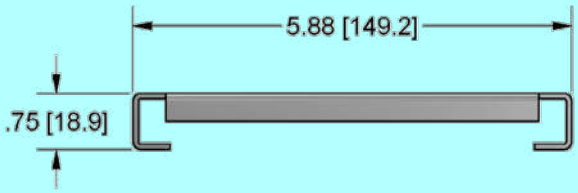


Slot Width = 11/32" (8.7)

SBS (Stainless Steel) Cast Bar Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SBS	488903	Satin	Class C	HD	No	No	No	38.0	1,078.00

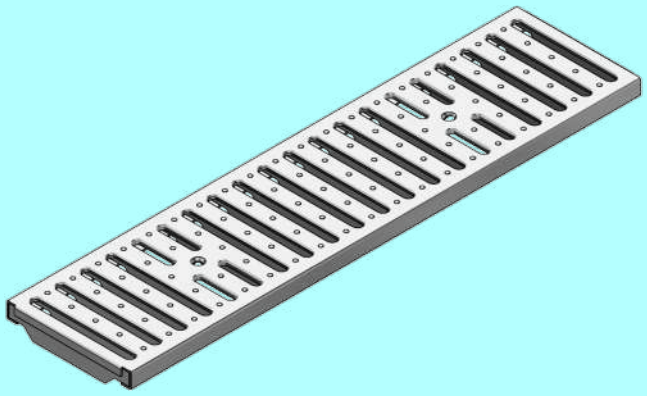


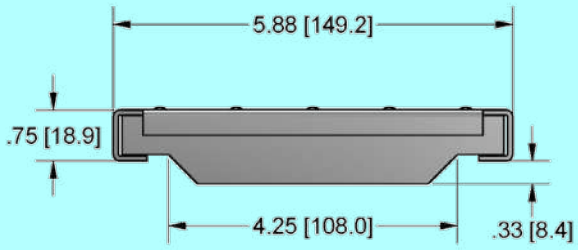


Slot Width = 3/8" (9.5)

SDS (Stainless Steel) Fabricated Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SDS	488927	Satin	Class A	LD	No	No	No	33.4	229.00

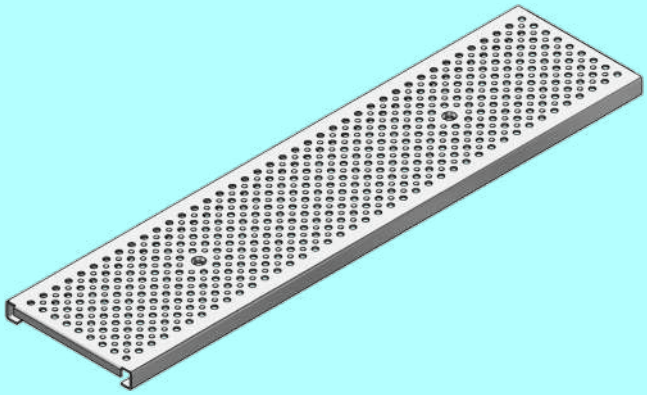


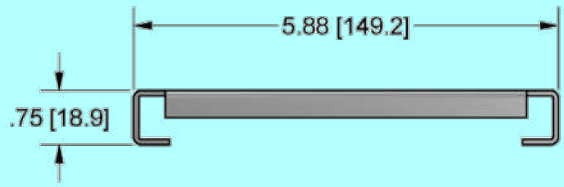


Slot Width = 11/32" (8.7)

SFS (Stainless Steel) Fabricated Reinforced Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SFS	488934	Satin	Class B	MD	No	No	No	33.4	439.00

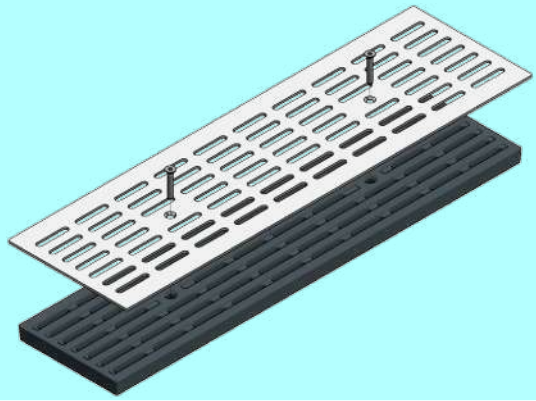


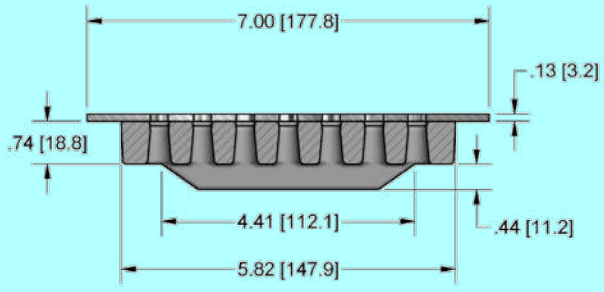


Hole Diameter = 1/4" (6.3)

SPS (Stainless Steel) Fabricated Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SPS	488941	Satin	Class A	LD	No	No	Yes	17.6	229.00



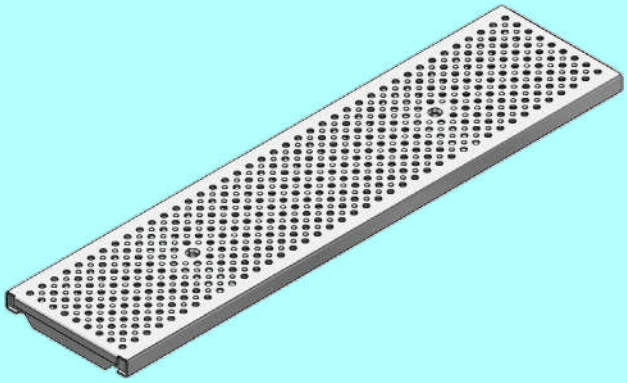


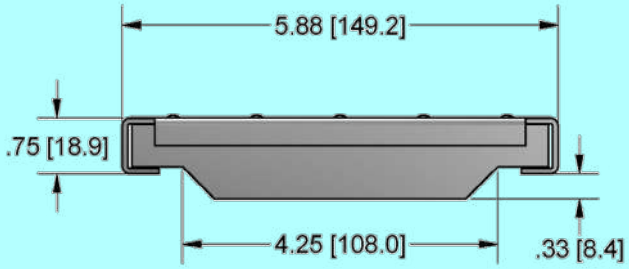
Slot Width = 5/16" (8.0)

SP (Ductile Iron w/ S/S Veneer) Heavy Traffic ADA Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SPP	463309	Painted	Class C	HD	H-20	No	Yes	36.2	500.00
WN900-SPG	296880	Galvanized	Class C	HD	H-20	No	Yes	36.2	1,342.00

Optional Grating - Stainless Steel 6" Wide Modular Trench Drainage System

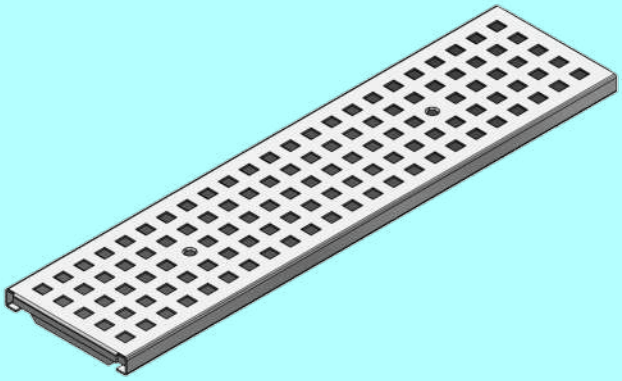


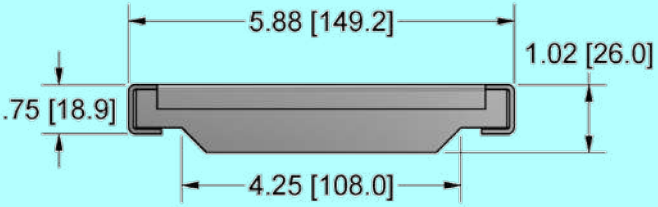


Hole Diameter = 1/4" (6.3)

SRS (Stainless Steel) Fabricated Reinforced Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SRS	488958	Satin	Class B	MD	No	No	Yes	17.6	439.00

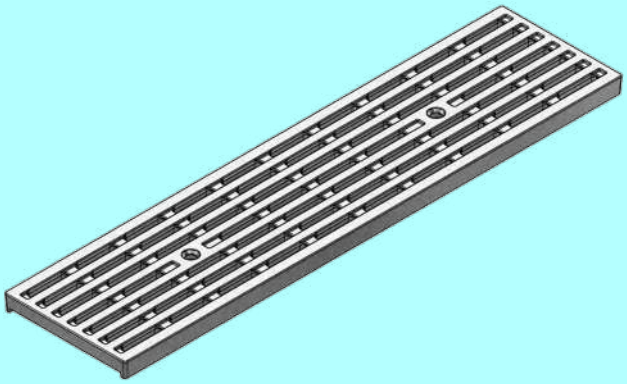


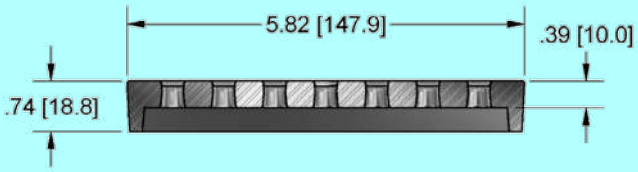


Square Hole Size = 1/2" (12.7)

SHS (Stainless Steel) Fabricated Reinforced Square Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SHS	488930	Satin	Class B	MD	No	No	No	28.8	439.00



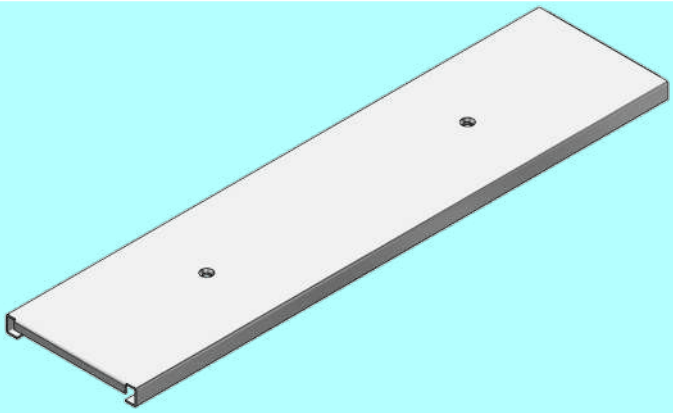


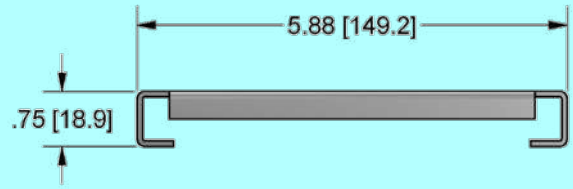
Slot Width = 1/4" (6.3)

SSS (Stainless Steel) Cast ADA Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SSS	488965	Satin	Class A	LD	No	No	Yes	38.2	1,078.00

Optional Grating - Stainless Steel & Galvanized Steel 6" Wide Modular Trench Drainage System

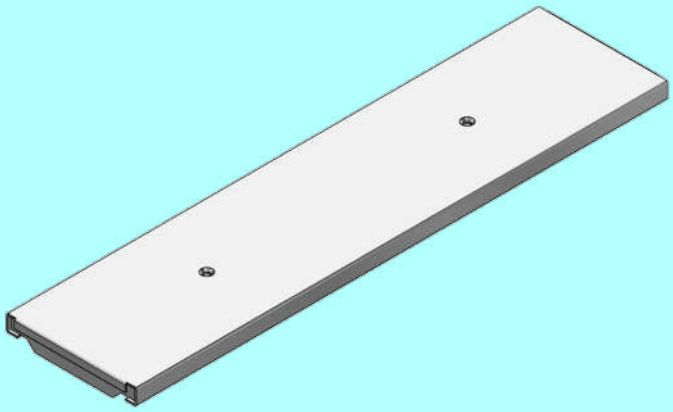


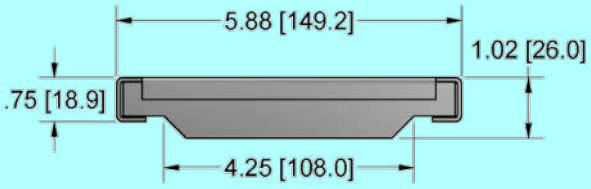


Slot Width = 11/32" (8.7)

SMS (Stainless Steel) Fabricated Solid Cover (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SMS	488900	Satin	Class A	LD	No	No	Yes	None	229.00

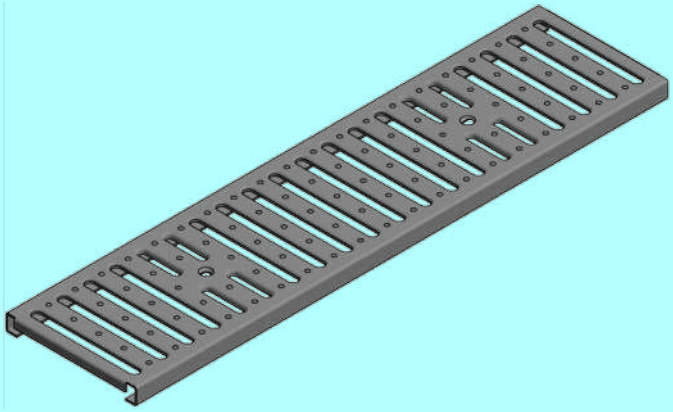


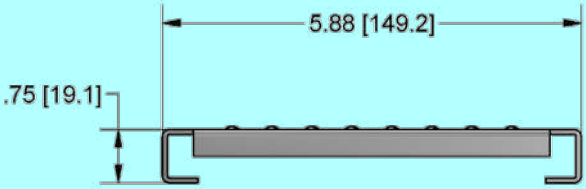


Slot Width = 5/16" (8.0)

SNS (Stainless Steel) Fabricated Reinforced Solid Cover (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SNS	488901	Satin	Class A	LD	No	No	Yes	None	439.00



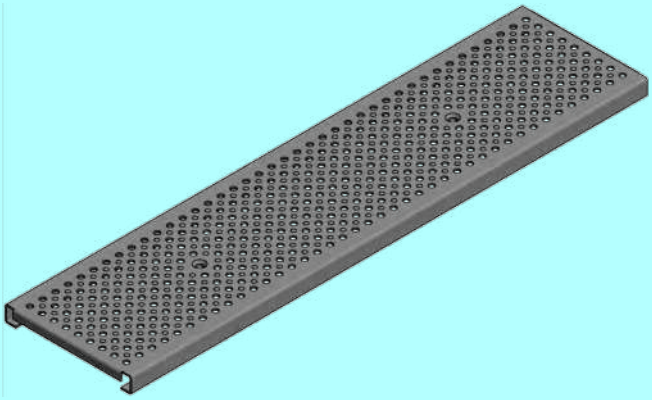


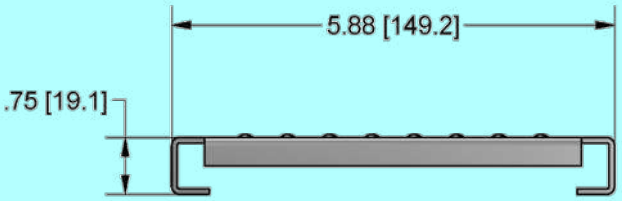
Slot Width = 3/8" (9.5)

CSG (Galvanized Steel) Fabricated Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-CSG	480532	Galvanized	Class A	LD	No	No	No	33.4	116.00

Optional Grating - Galvanized Steel 6" Wide Modular Trench Drainage System

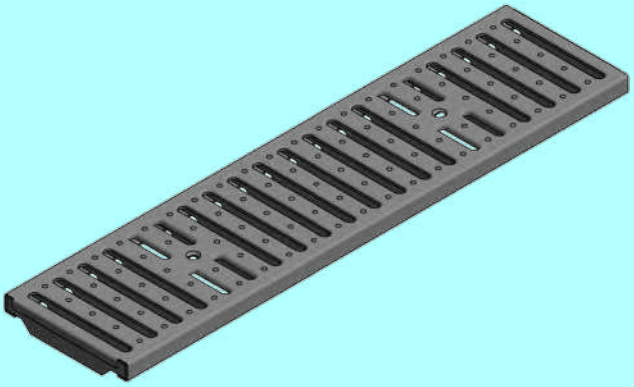


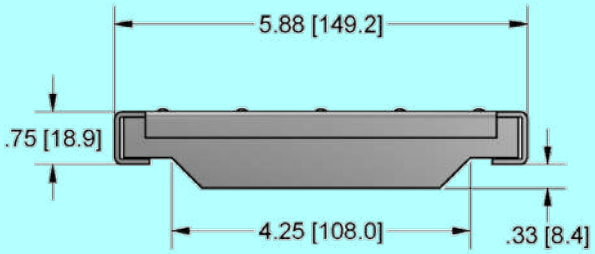


Hole Diameter = 1/4" (6.3)

FPG (Galvanized Steel) Fabricated Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-FPG	480624	Galvanized	Class A	LD	No	No	Yes	17.6	116.00

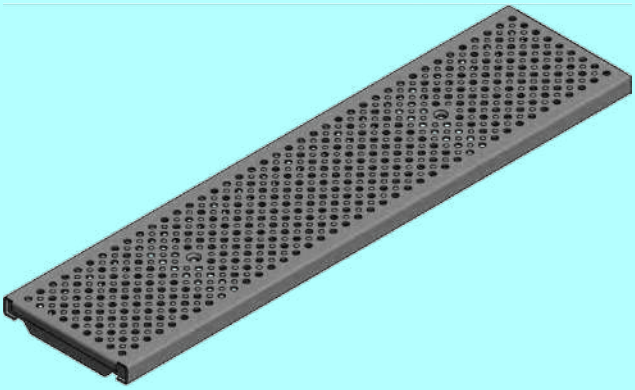


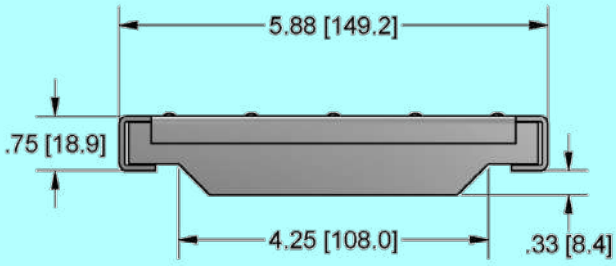


Slot Width = 3/8" (9.5)

RSG (Galvanized Steel) Fabricated Reinforced Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-RSG	488569	Painted	Class B	MD	No	No	No	46.6	185.00

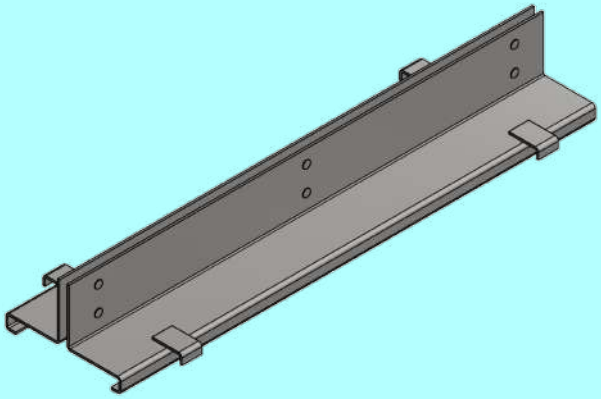


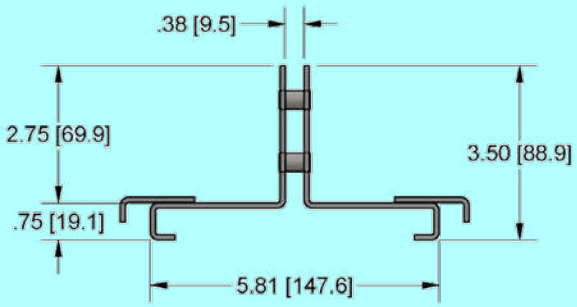


Hole Diameter = 1/4" (6.3)

CPG (Galvanized Steel) Fabricated Reinforced Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-CPG	480525	Painted	Class B	MD	No	No	Yes	17.6	185.00

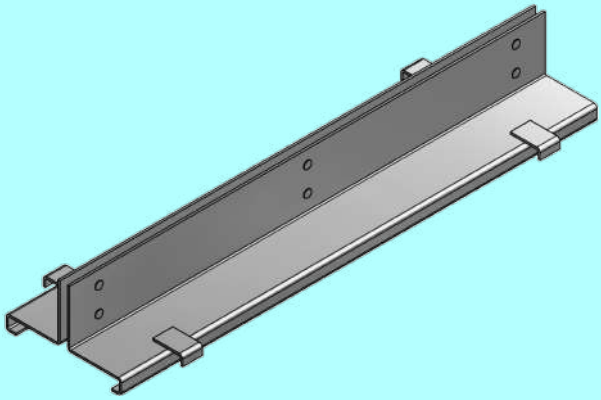


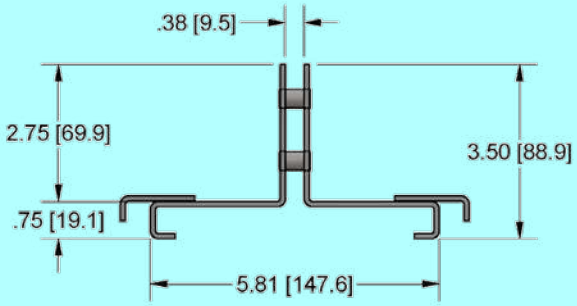


Slot Width = 3/8" (9.5)

CNG (Galvanized Steel) Paver Slotted (24" or 48" Long)

Part No.	UPC	Length	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-CNG2	480731	24" (609.6)	Class B	MD	No	No	Yes	9.0	524.00
WN900-CNG4	480739	48"(1219.2)	Class B	MD	No	No	Yes	18.0	1,047.00

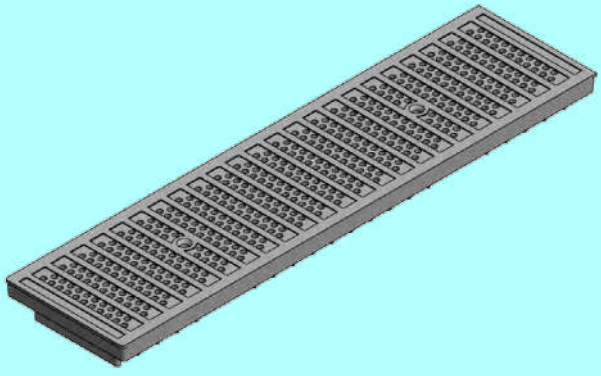


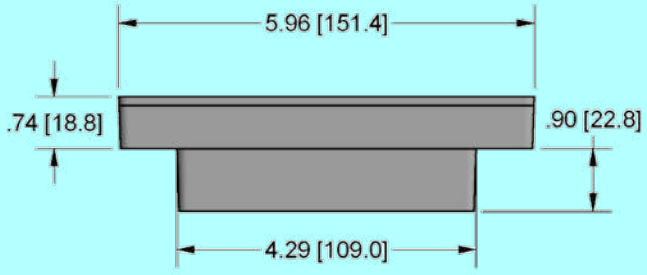


Slot Width = 3/8" (9.5)

SES (Stainless Steel) Slotted (24" or 48" Long)

Part No.	UPC	Length	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-SES2	488952	24" (609.6)	Class B	MD	No	No	Yes	9.0	978.00
WN900-SES4	488954	48"(1219.2)	Class B	MD	No	No	Yes	18.0	1,956.00

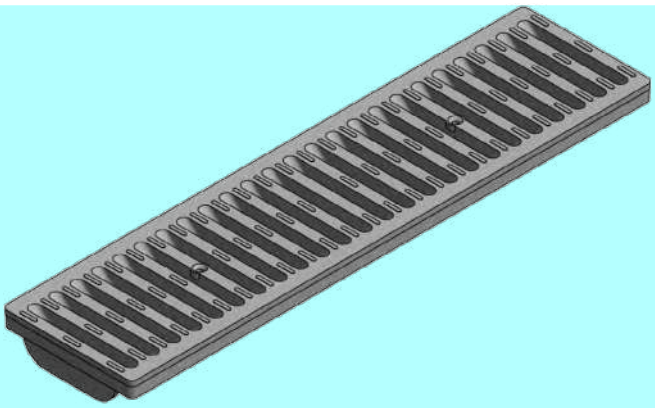


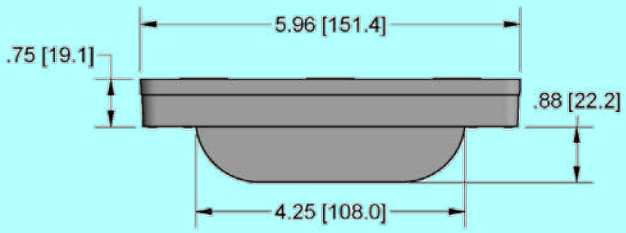


Hole Diameter = 1/4" (6.3)

PPG (Polyolefin Plastic) Round Hole Perforated (24" Long)

Part No.	UPC	Color	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-PPG	521983	Gray	Class B	MD	No	No	Yes	17.2	166.00
WN900-PPW	535888	White	Class B	MD	No	No	Yes	17.2	166.00

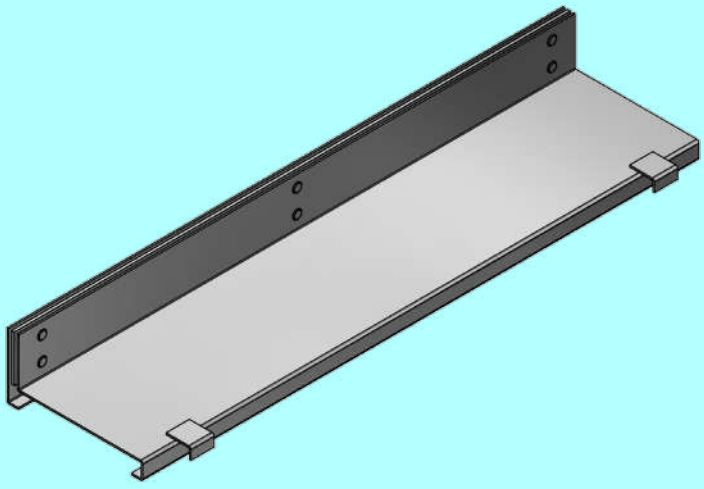


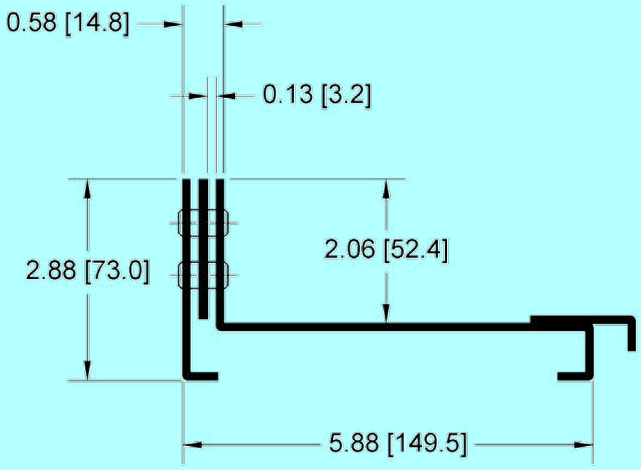


Slot Width = 7/16" (10.8)

P (Polyolefin Plastic) Slotted (24" Long)

Part No.	UPC	Color	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN900-PBB	535885	Black	Class B	MD	No	No	No	41.7	166.00
WN900-PBR	535887	Brick Red	Class B	MD	No	No	No	41.7	166.00
WN900-PBD	535355	Dark Gray	Class B	MD	No	No	No	41.7	166.00
WN900-PGG	535884	Green	Class B	MD	No	No	No	41.7	166.00
WN900-PSA	535886	Sand	Class B	MD	No	No	No	41.7	166.00
WN900-PSG	535881	Gray	Class B	MD	No	No	No	41.7	166.00
WN900-PWW	535882	White	ClassB	MD	No	No	No	41.7	166.00

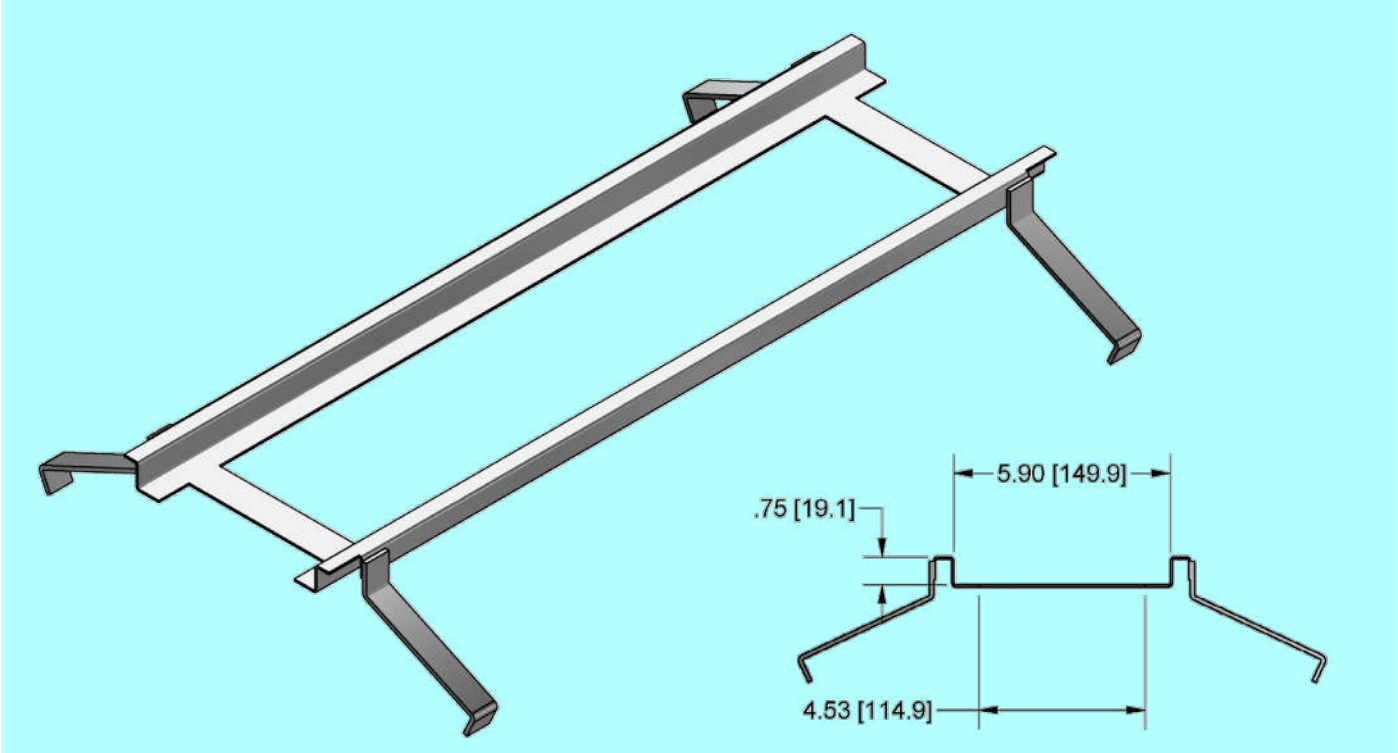




CO (Carbon Steel or Stainless Steel) Paver Slotted (24" or 48" Long) Heel Proof

Part No.	UPC	Material	Finish	Length	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
					DIN	ASME	AASHTO	FAA			
WN900-COP2	481731	Carbon Steel	Painted	24" (609.6)	Class B	MD	No	No	Yes	6.0	471.00
WN900-COP4	481733	Carbon Steel	Painted	48" (1219.2)	Class B	MD	No	No	Yes	12.0	941.00
WN900-COG2	481735	Carbon Steel	Galvanized	24" (609.6)	Class B	MD	No	No	Yes	6.0	524.00
WN900-COG4	481737	Carbon Steel	Galvanized	48" (1219.2)	Class B	MD	No	No	Yes	12.0	1,047.00
WN900-COS2	481741	Stainless Steel	Satin	24" (609.6)	Class B	MD	No	No	Yes	6.0	978.00
WN900-COS4	481743	Stainless Steel	Satin	48" (1219.2)	Class B	MD	No	No	Yes	12.0	1,956.00

Optional Frames - Carbon Steel / Stainless Steel 6" Wide Modular Trench Drainage System



CL or SL (Carbon Steel or Stainless Steel) w/ Anchors

Part No.	UPC	Length	Material/Finish	List Price (Each)
WN900-CLP2	489146	24" (610)	Painted Carbon Steel	284.00
WN900-CLP4	489184	48" (1219)	Painted Carbon Steel	567.00
WN900-CLG2	489153	24" (610)	Galvanized Steel	386.00
WN900-CLG4	489191	48" (1219)	Galvanized Steel	770.00
WN900-SLS2	489160	24" (610)	Stainless Steel	509.00
WN900-SLS4	489207	48" (1219)	Stainless Steel	1,017.00

CV or SV (Carbon Steel or Stainless Steel) Less Anchors

Part No.	UPC	Length	Material/Finish	List Price (Each)
WN900-CVP2	489377	24" (610)	Painted Carbon Steel	153.00
WN900-CVP4	488378	48" (1219)	Painted Carbon Steel	306.00
WN900-CVG2	489379	24" (610)	Galvanized Steel	171.00
WN900-CVG4	488380	48" (1219)	Galvanized Steel	343.00
WN900-SVS2	489177	24" (610)	Stainless Steel	133.00
WN900-SVS4	489214	48" (1219)	Stainless Steel	264.00

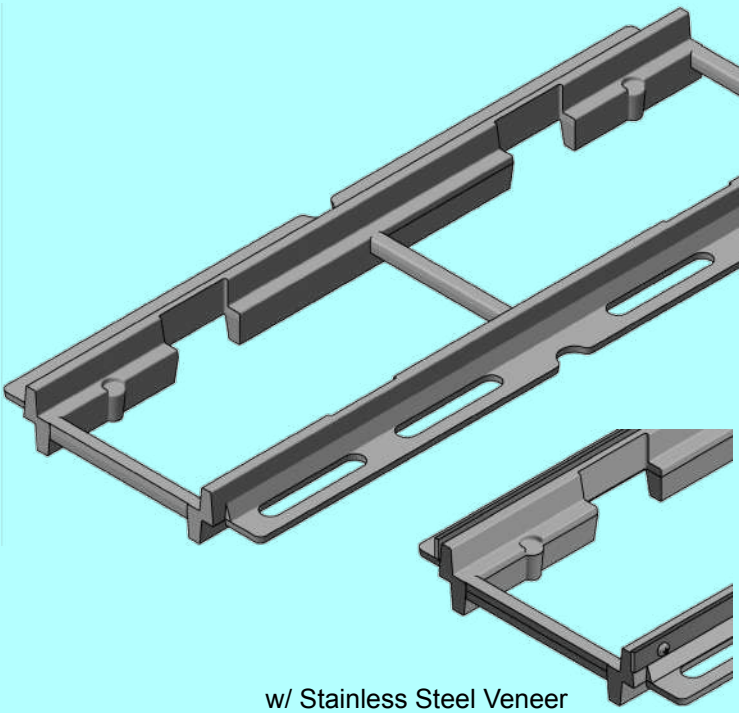
CL or SL (Carbon Steel or Stainless Steel) w/ Anchors

Part No.	UPC	Length	Material/Finish	List Price (Each)
WN900-CLPC2	489246	24" (610)	Painted Carbon Steel	312.00
WN900-CLPC4	489284	48" (1219)	Painted Carbon Steel	594.00
WN900-CLGC2	489253	24" (610)	Galvanized Steel	414.00
WN900-CLGC4	489291	48" (1219)	Galvanized Steel	770.00
WN900-SLSC2	489260	24" (610)	Stainless Steel	538.00
WN900-SLSC4	489307	48" (1219)	Stainless Steel	826.00

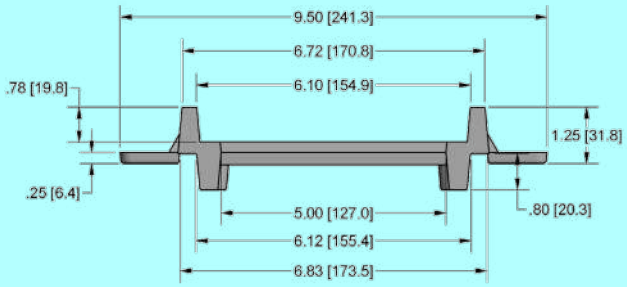
CV or SV (w/ One End Capped) Less Anchors

Part No.	UPC	Length	Material/Finish	List Price (Each)
WN900-CVPC2	489477	24" (610)	Painted Carbon Steel	182.00
WN900-CVPC4	488478	48" (1219)	Painted Carbon Steel	335.00
WN900-CVGC2	489479	24" (610)	Galvanized Steel	201.00
WN900-CVGC4	488480	48" (1219)	Galvanized Steel	373.00
WN900-SVSC2	489277	24" (610)	Stainless Steel	164.00
WN900-SVSC4	489414	48" (1219)	Stainless Steel	296.00

Optional Frames - Ductile Iron 6" Wide Modular Trench Drainage System



w/ Stainless Steel Veneer



DL (Ductile Iron) 24" Long

Part No.	UPC	Style/Finish	List Price (Each)
WN900-DLP	463306	Painted	133.00
WN900-DLG	489139	Galvanized	187.00
WN900-DPS	463307	Painted w/ SS Veneer	213.00
WN900-DGS	463308	Galvanized w/ SS Veneer	252.00

DL (Ductile Iron) w/ One End Capped 24" Long

Part No.	UPC	Style/Finish	List Price (Each)
WN900-DLPC	463406	Painted	162.00
WN900-DLGC	489239	Galvanized	208.00
WN900-DPSC	463407	Painted w/ SS Veneer	240.00
WN900-DGSC	463408	Galvanized w/ SS Veneer	281.00

2940CS-FB-HDP 12" Wide Carbon Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.

Channel No.	Channel Length	List Price/Ft.
2940CS-FB-HDP	48 Inches (1219.2)	545.00

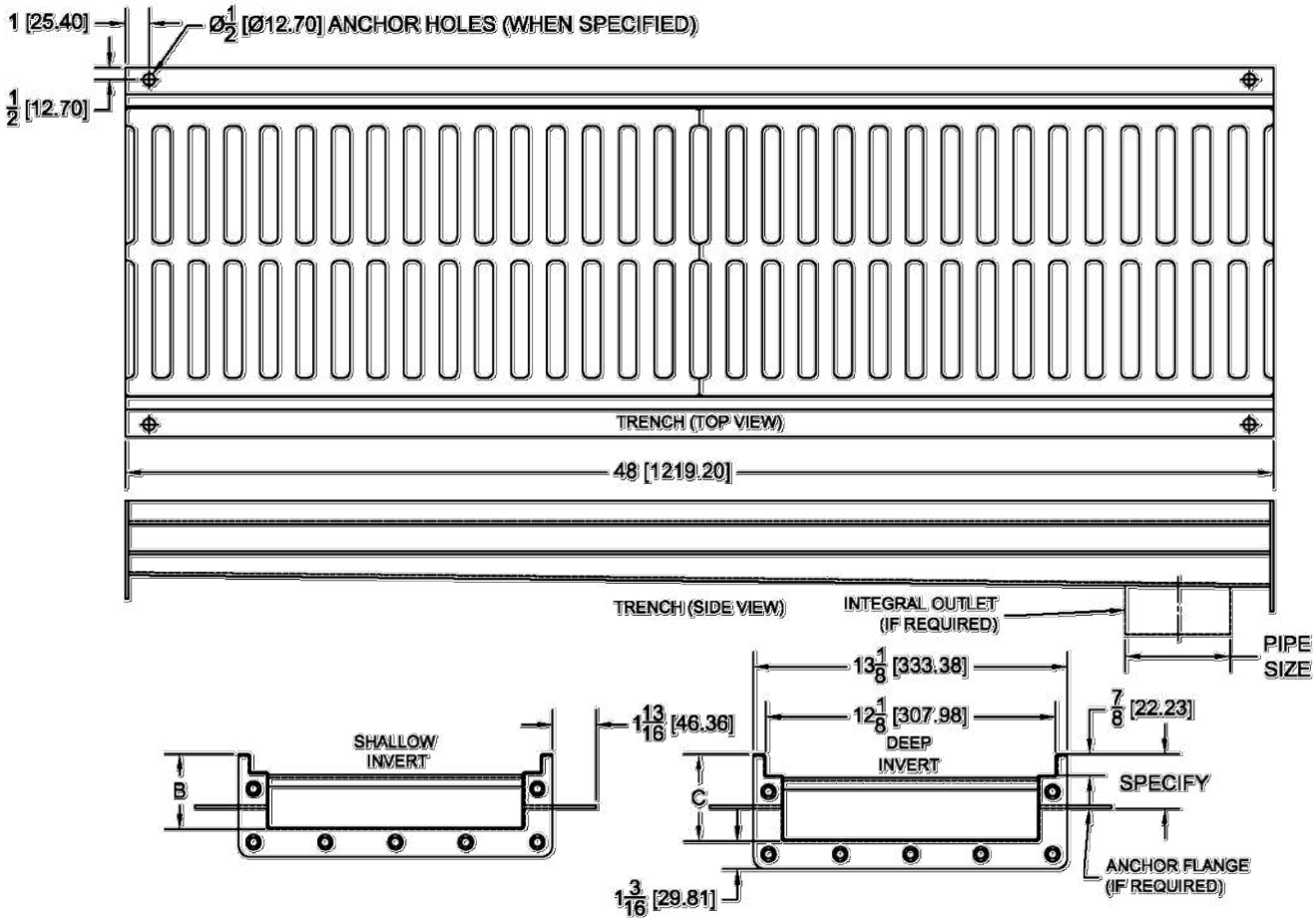


Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	164.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	31.00
CPG	Slotted Reinforced	Galvanized	C	147.00
FPG	Perforated	Galvanized	A	31.00
RSG	Reinforced Perforated	Galvanized	C	147.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four) Price/Set			41.00
EP	End Plate (Specify Depth Suffix) Price/Ea.			93.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix) Price/Ea.			180.00
FC	3/4" NPT Flushing Connection Price/Ea.			146.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.			15.00
VPA	High Security (Hex Key - Pin Allen Screws) Price/Ft.			18.00
24	Anchor Flange w/ Anchor Holes Price/Ft.			N/C
26	Anchor Flange w/ Clamp Device Price/Ft.			155.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.			318.00
Outlet Options (Add/Ea.)				
NH	No-Hub Outlet (3NH,4NH,6NH)			N/C
8NH	No-Hub Outlet (8NH)			153.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			91.00

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
SBS	Bar Grate	Satin	C	725.00
SDS	Slotted	Satin	A	95.00
SPS	Perforated	Satin	A	95.00
SDP	D.I. w/ S/S Veneer	Painted	C	344.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	506.00
SFS	Slotted Reinforced	Satin	C	745.00
SHS	Square Hole Reinforced	Satin	C	745.00
SRS	Perforated Reinforced	Satin	C	745.00
SMS	Solid Cover	Satin	A	95.00
SNS	Reinforced Solid Cover	Satin	C	745.00
SPP	D.I. w. S/S Veneer	Painted	C	344.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	506.00
SQS	Square Hole	Satin	A	95.00
SWS	ADA Wedge Wire	Satin	A	P.O.A.
Fabrication Options (Add/Ea.)				
45	45 Degree Section			3,082.00
90	90 Degree Section			3,702.00
TEE	Tee Section			3,321.00
CROSS	Cross Section			5,656.00
Custom Edge Options				
CE	Clamp Edge (for Sheet Vinyl Flooring)			P.O.A
EE	Elastomeric Edge (for Trowled Flooring)			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge (for Porcelain Tile Flooring)			P.O.A
SE	Support Edge (for Wood Deck)			P.O.A

2940CS-FB-HDP 12" Wide Carbon Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2940CS-VB-HDP 12" Wide Carbon Steel Modular Trench Drainage System (V Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.

Channel No.	Channel Length	List Price/Ft.
2940CS-VB-HDP	48 Inches (1219.2)	565.00

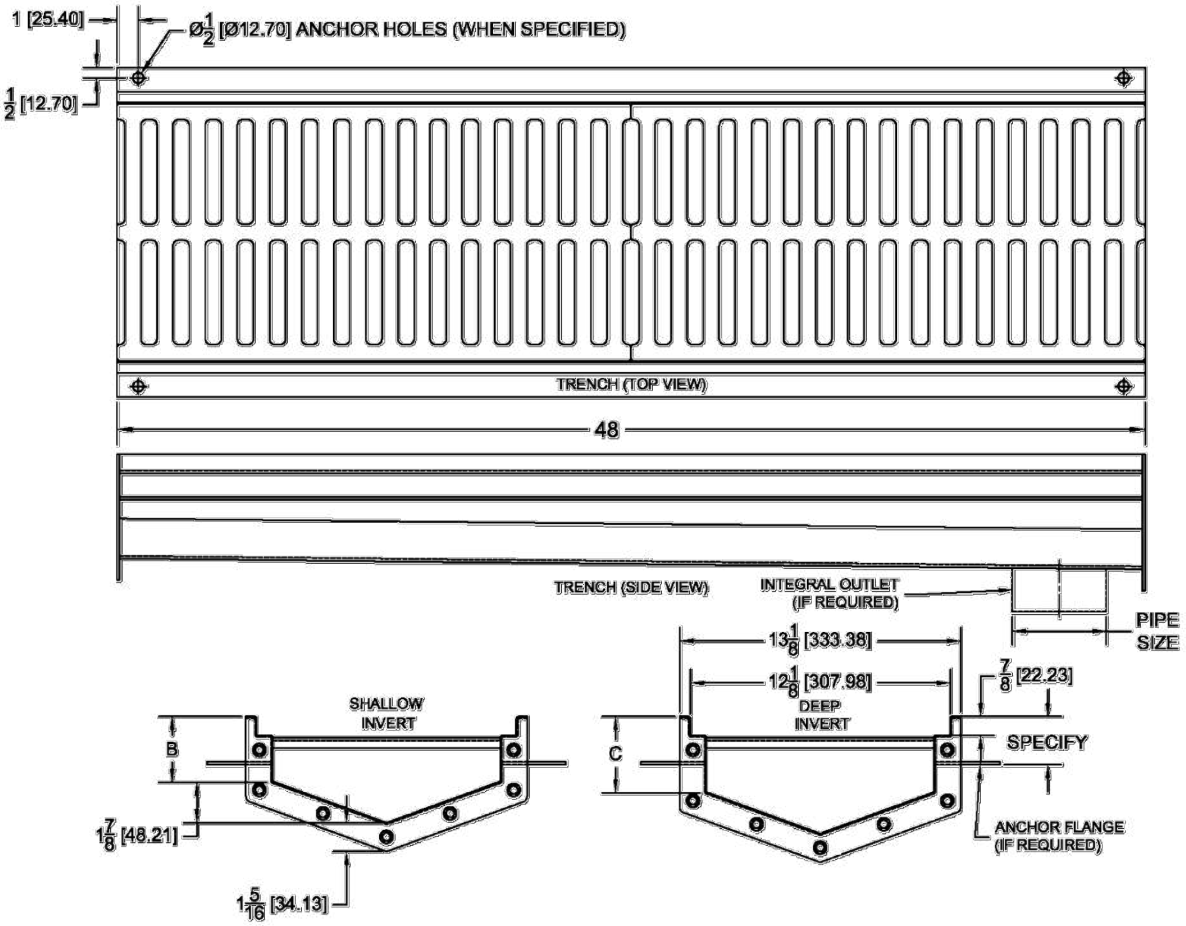


Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	164.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	31.00
CPG	Slotted Reinforced	Galvanized	C	147.00
FPG	Perforated	Galvanized	A	31.00
RSG	Reinforced Perforated	Galvanized	C	147.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four) Price/Set			41.00
EP	End Plate (Specify Depth Suffix) Price/Ea.			93.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix) Price/Ea.			180.00
FC	3/4" NPT Flushing Connection Price/Ea.			146.00
VP	Vandal Proof (Hex Key - Allen Screws) Price/Ft.			15.00
VPA	High Security (Hex Key - Pin Allen Screws) Price/Ft.			18.00
24	Anchor Flange w/ Anchor Holes Price/Ft.			N/C
26	Anchor Flange w/ Clamp Device Price/Ft.			155.00
27	Outlet Sediment Cup (Specify Pipe Size) Price/Ea.			318.00
Outlet Options (Add/Ea.)				
NH	No-Hub Outlet (3NH,4NH,6NH)			N/C
8NH	No-Hub Outlet (8NH)			153.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			91.00

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ft**
SBS	Bar Grate	Satin	C	725.00
SDS	Slotted	Satin	A	95.00
SPS	Perforated	Satin	A	95.00
SDP	D.I. w/ S/S Veneer	Painted	C	344.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	506.00
SFS	Slotted Reinforced	Satin	C	745.00
SHS	Square Hole Reinforced	Satin	C	745.00
SRS	Perforated Reinforced	Satin	C	745.00
SMS	Solid Cover	Satin	A	95.00
SNS	Reinforced Solid Cover	Satin	C	745.00
SPP	D.I. w. S/S Veneer	Painted	C	344.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	506.00
SQS	Square Hole	Satin	A	95.00
SWS	ADA Wedge Wire	Satin	A	P.O.A.
Fabrication Options (Add/Ea.)				
45	45 Degree Section			3,082.00
90	90 Degree Section			3,702.00
TEE	Tee Section			3,321.00
CROSS	Cross Section			5,656.00
Custom Edge Options				
CE	Clamp Edge (for Sheet Vinyl Flooring)			P.O.A
EE	Elastomeric Edge (for Trowled Flooring)			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge (for Porcelain Tile Flooring)			P.O.A
SE	Support Edge (for Wood Deck)			P.O.A

2940CS-VB-HDP 12" Wide Carbon Steel Modular Trench Drainage System (V Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorClad) Gray.



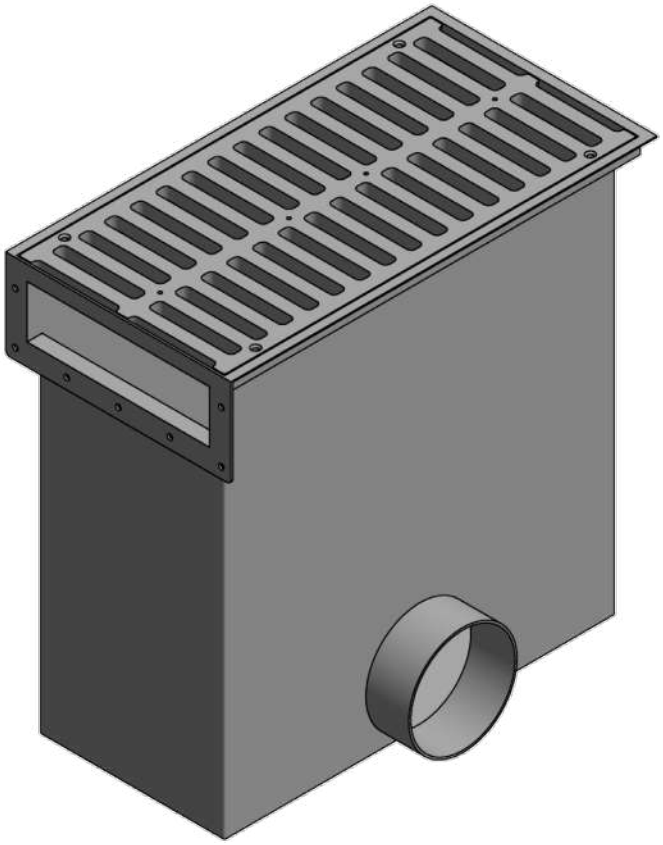
Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2940CSB-(FB or VB)-HDP 12" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorCoat) Gray.



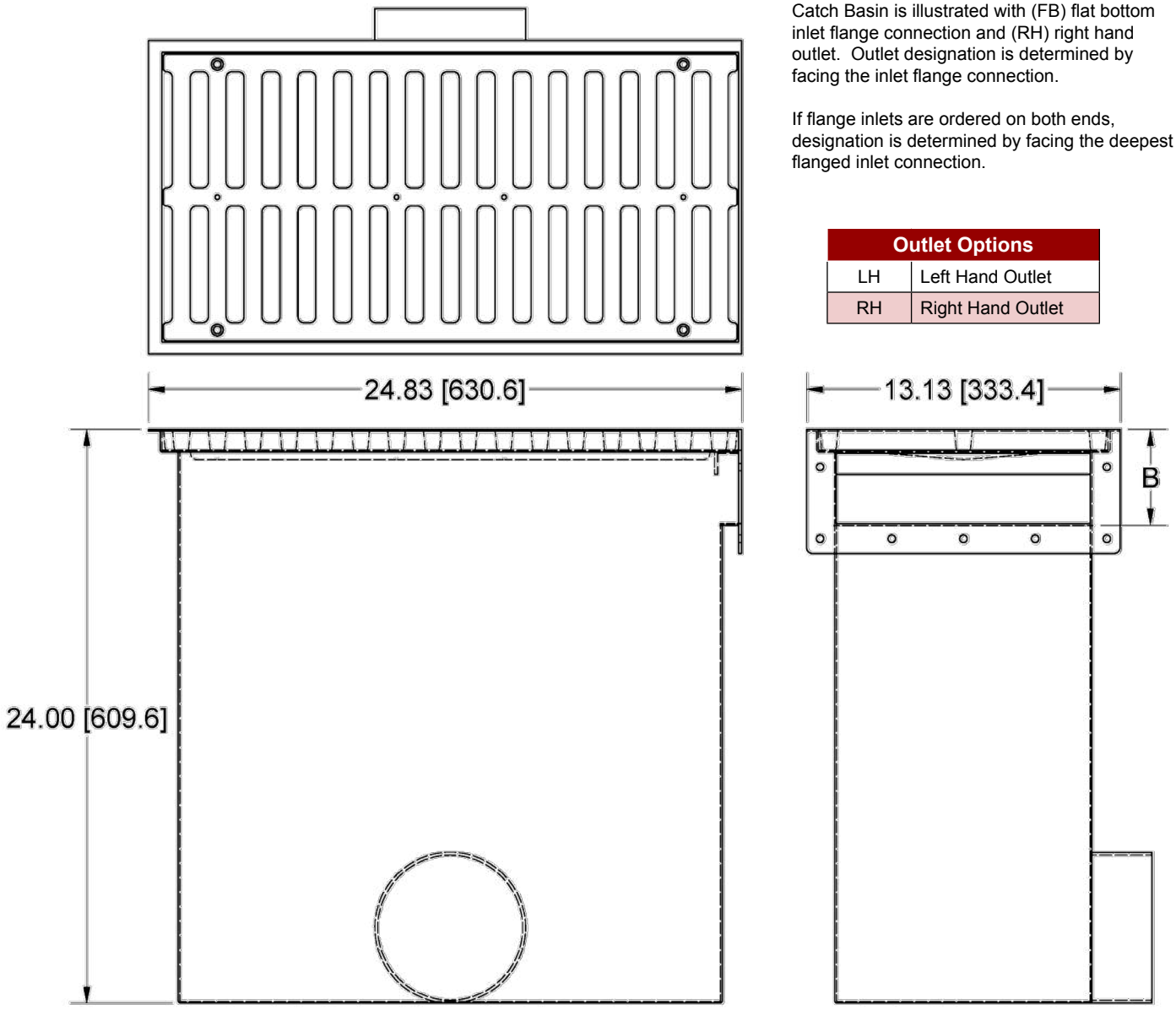
Channel No.	Channel Length	List Price/Ft.
2940CSB-FB-HDP	48 Inches (1219.2)	1,115.00
2940CSB-VB-HDP	48 Inches (1219.2)	1,115.00

Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	325.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	56.00
CPG	Slotted Reinforced	Galvanized	C	268.00
FPG	Perforated	Galvanized	A	56.00
RSG	Reinforced Perforated	Galvanized	C	268.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four)			41.00
EP	End Plate (Specify Depth Suffix)			93.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix)			93.00
VP	Vandal Proof (Hex Key - Allen Screws)			28.00
VPA	High Security (Hex Key - Pin Allen Screws)			31.00
24	Anchor Flange w/ Anchor Holes			N/C
26	Anchor Flange w/ Clamp Device			312.00
27	Outlet Sediment Cup (Specify Pipe Size)			609.00

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
SBS	Bar Grate	Satin	C	1,449.00
SDS	Slotted	Satin	A	187.00
SPS	Perforated	Satin	A	187.00
SDP	D.I. w/ S/S Veneer	Painted	C	688.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	1,013.00
SFS	Slotted Reinforced	Satin	C	1,488.00
SHS	Square Hole Reinforced	Satin	C	1,488.00
SRS	Perforated Reinforced	Satin	C	1,488.00
SMS	Solid Cover	Satin	A	187.00
SNS	Reinforced Solid Cover	Satin	C	1,488.00
SPP	D.I. w. S/S Veneer	Painted	C	688.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	1,013.00
SQS	Square Hole	Satin	A	187.00
SWS	ADA Wedge Wire	Satin	A	P.O.A.
Outlet Options (Add/Ea.)				
NH	No-Hub Outlet (2NH,3NH,4NH)			N/C
8NH	No-Hub Outlet (8NH)			153.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			N/C
Custom Edge Options (Add/Ft.)				
CE	Clamp Edge (for Sheet Vinyl Flooring)			P.O.A
EE	Elastomeric Edge (for Trowled Flooring)			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge (for Porcelain Tile Flooring)			P.O.A
SE	Support Edge (for Wood Deck)			P.O.A

2940CSB-(FB or VB)-HDP 12" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorCoat) Gray.



Catch Basin is illustrated with (FB) flat bottom inlet flange connection and (RH) right hand outlet. Outlet designation is determined by facing the inlet flange connection.

If flange inlets are ordered on both ends, designation is determined by facing the deepest flanged inlet connection.

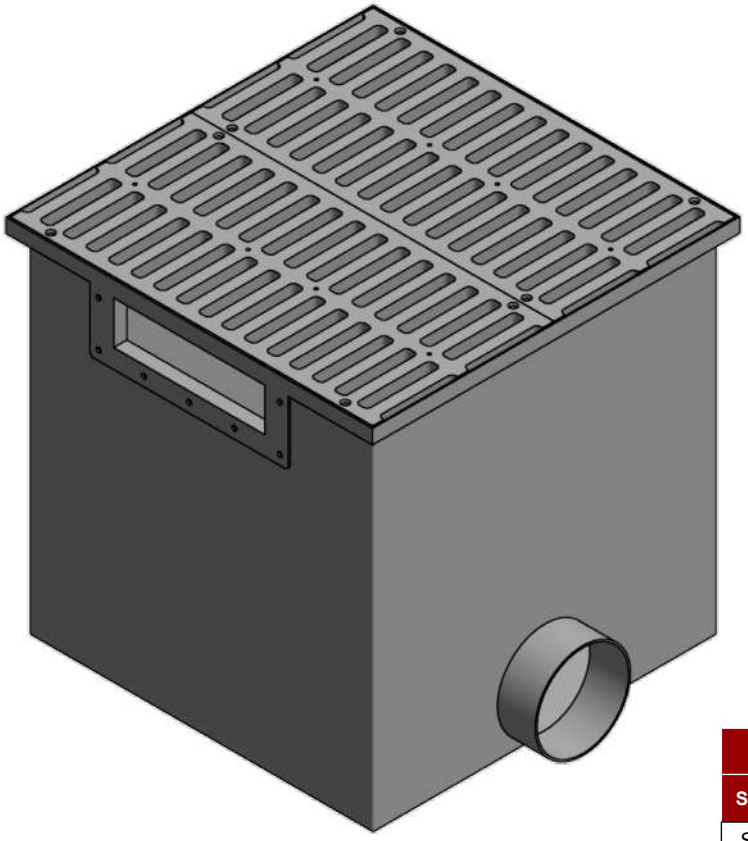
Outlet Options	
LH	Left Hand Outlet
RH	Right Hand Outlet

Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

2940CSC-(FB or VB)-HDP 24" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorCoat) Gray.



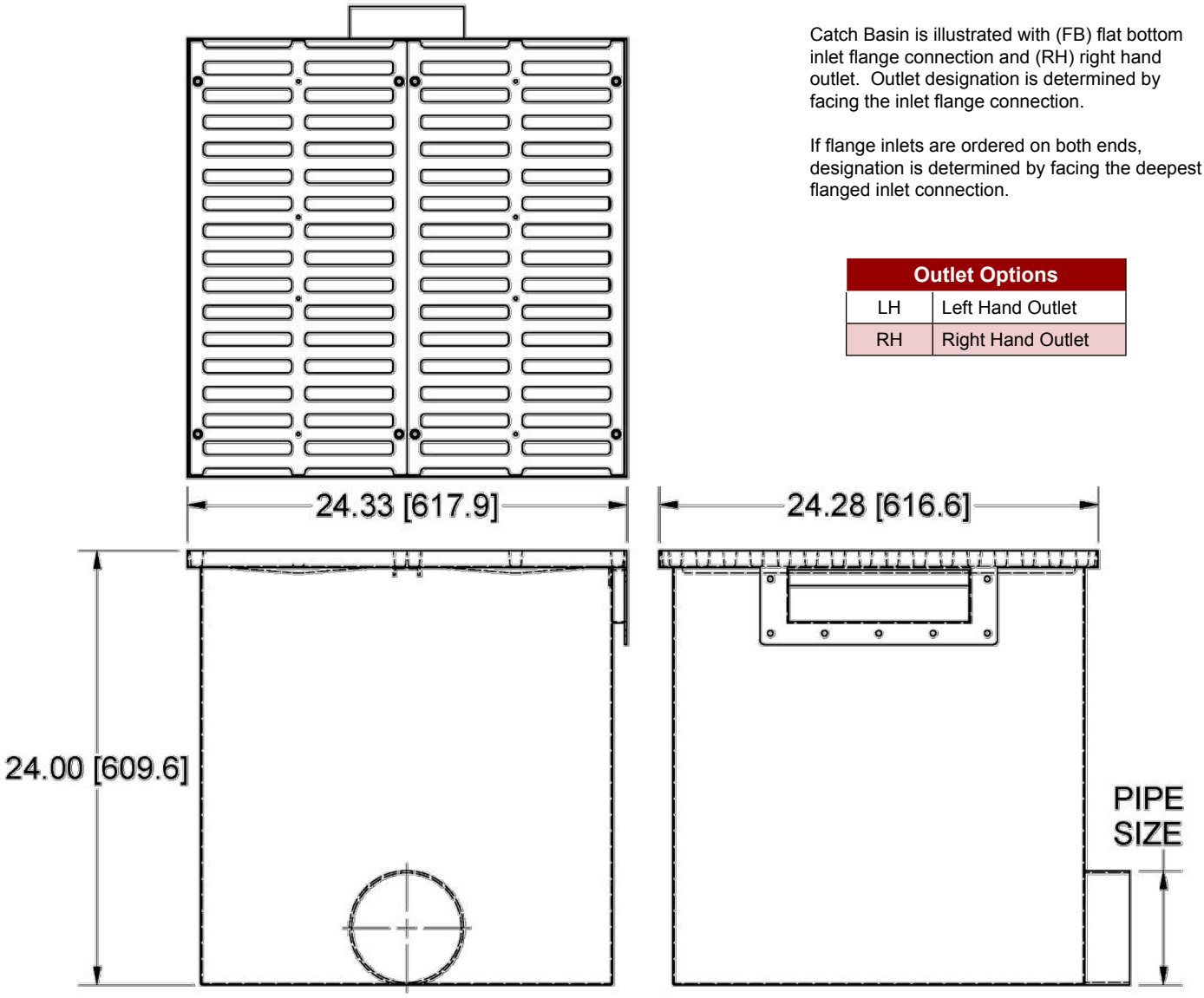
Channel No.	Channel Length	List Price/Ea.
2940CSC-FB-HDP	48 Inches (1219.2)	1,693.00
2940CSC-VB-HDP	48 Inches (1219.2)	1,693.00

Ductile Iron Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
HDP	Slotted (Furnished)	Painted	C	N/C
HDG	Slotted	Galvanized	C	650.00
Galvanized Carbon Steel Grate Options				
CSG	Slotted	Galvanized	A	114.00
CPG	Slotted Reinforced	Galvanized	C	530.00
FPG	Perforated	Galvanized	A	114.00
RSG	Reinforced Perforated	Galvanized	C	530.00
Suffix Options				
AC	Rebar Anchor Clips (Set of Four)			41.00
EP	End Plate (Specify Depth Suffix)			93.00
SO	End Plate w/ Side Outlet (Specify Depth Suffix)			93.00
VP	Vandal Proof (Hex Key - Allen Screws)			52.00
VPA	High Security (Hex Key - Pin Allen Screws)			63.00
24	Anchor Flange w/ Anchor Holes			N/C
26	Anchor Flange w/ Clamp Device			624.00
27	Sediment Basket			1,221.00

Stainless Steel Grate Options				
Suffix	**Description**	**Finish**	**Class**	**Add (Deduct) / Ea.**
SBS	Bar Grate	Satin	C	2,898.00
SDS	Slotted	Satin	A	373.00
SPS	Perforated	Satin	A	373.00
SDP	D.I. w/ S/S Veneer	Painted	C	1,373.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	2,021.00
SFS	Slotted Reinforced	Satin	C	2,973.00
SHS	Square Hole Reinforced	Satin	C	2,973.00
SRS	Perforated Reinforced	Satin	C	2,973.00
SMS	Solid Cover	Satin	A	373.00
SNS	Reinforced Solid Cover	Satin	C	2,973.00
SPP	D.I. w. S/S Veneer	Painted	C	1,373.00
SPG	D.I. w/ S/S Veneer	Galvanized	C	2,021.00
SQS	Square Hole	Satin	A	373.00
SWS	ADA Wedge Wire	Satin	A	P.O.A.
Outlet Options (Add/Ea.)				
NH	No-Hub Outlet (2NH,3NH,4NH)			N/C
8NH	No-Hub Outlet (8NH)			153.00
BW	Butt Weld Sch.10 (2NW,3BW,4BW)			N/C
Custom Edge Options				
CE	Clamp Edge (for Sheet Vinyl Flooring)			P.O.A
EE	Elastomeric Edge (for Trowled Flooring)			P.O.A
NE	Narrow Edge			P.O.A
RE	Return Edge (for Porcelain Tile Flooring)			P.O.A
SE	Support Edge (for Wood Deck)			P.O.A

2940CSC-(FB or VB)-HDP 24" Wide Carbon Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and ductile iron heavy duty slotted grates. Trench Sections A.R.C. Coated (ArmorCoat) Gray.



Catch Basin is illustrated with (FB) flat bottom inlet flange connection and (RH) right hand outlet. Outlet designation is determined by facing the inlet flange connection.

If flange inlets are ordered on both ends, designation is determined by facing the deepest flanged inlet connection.

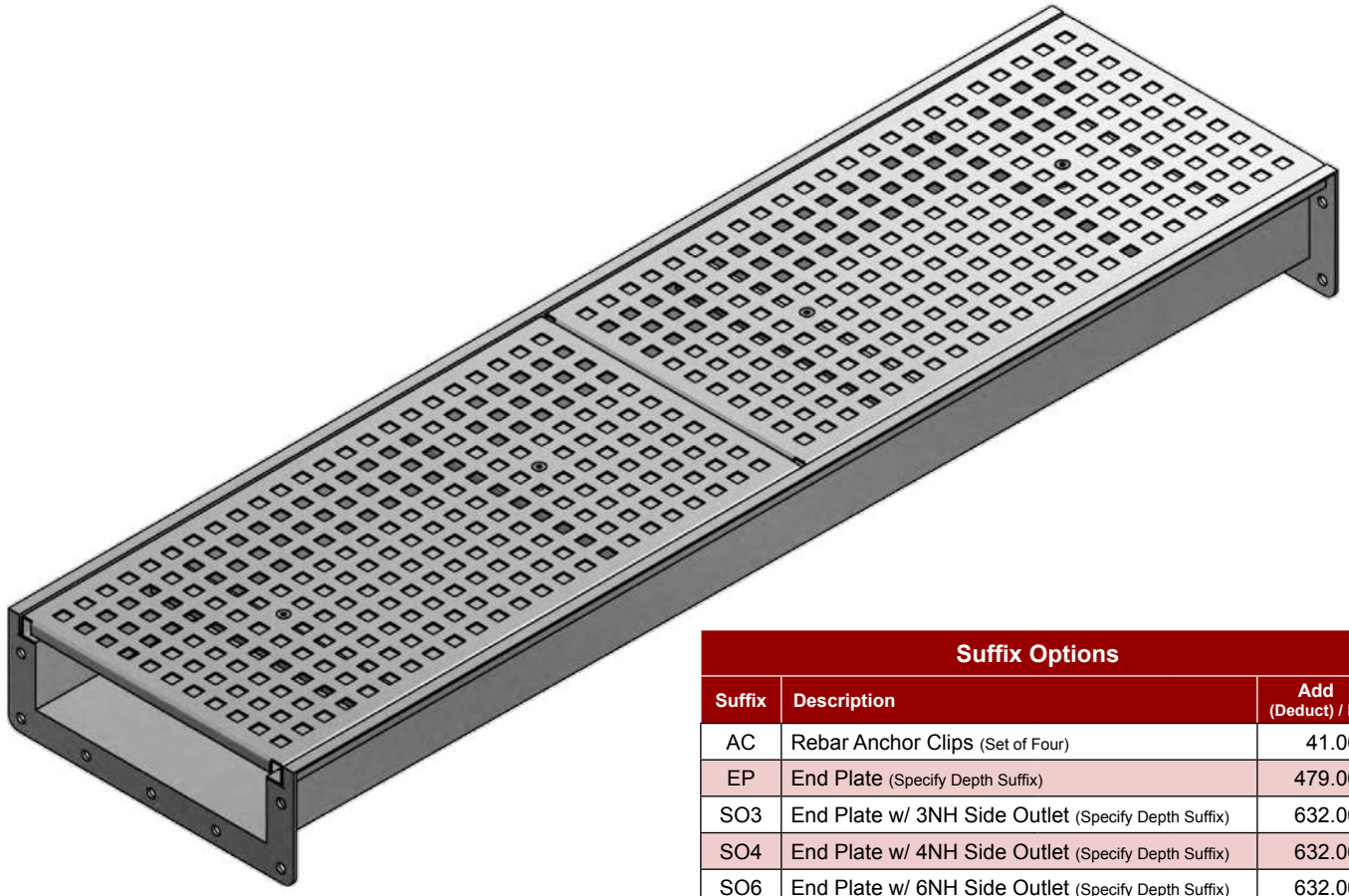
Outlet Options	
LH	Left Hand Outlet
RH	Right Hand Outlet

Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

2940SS-FB-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



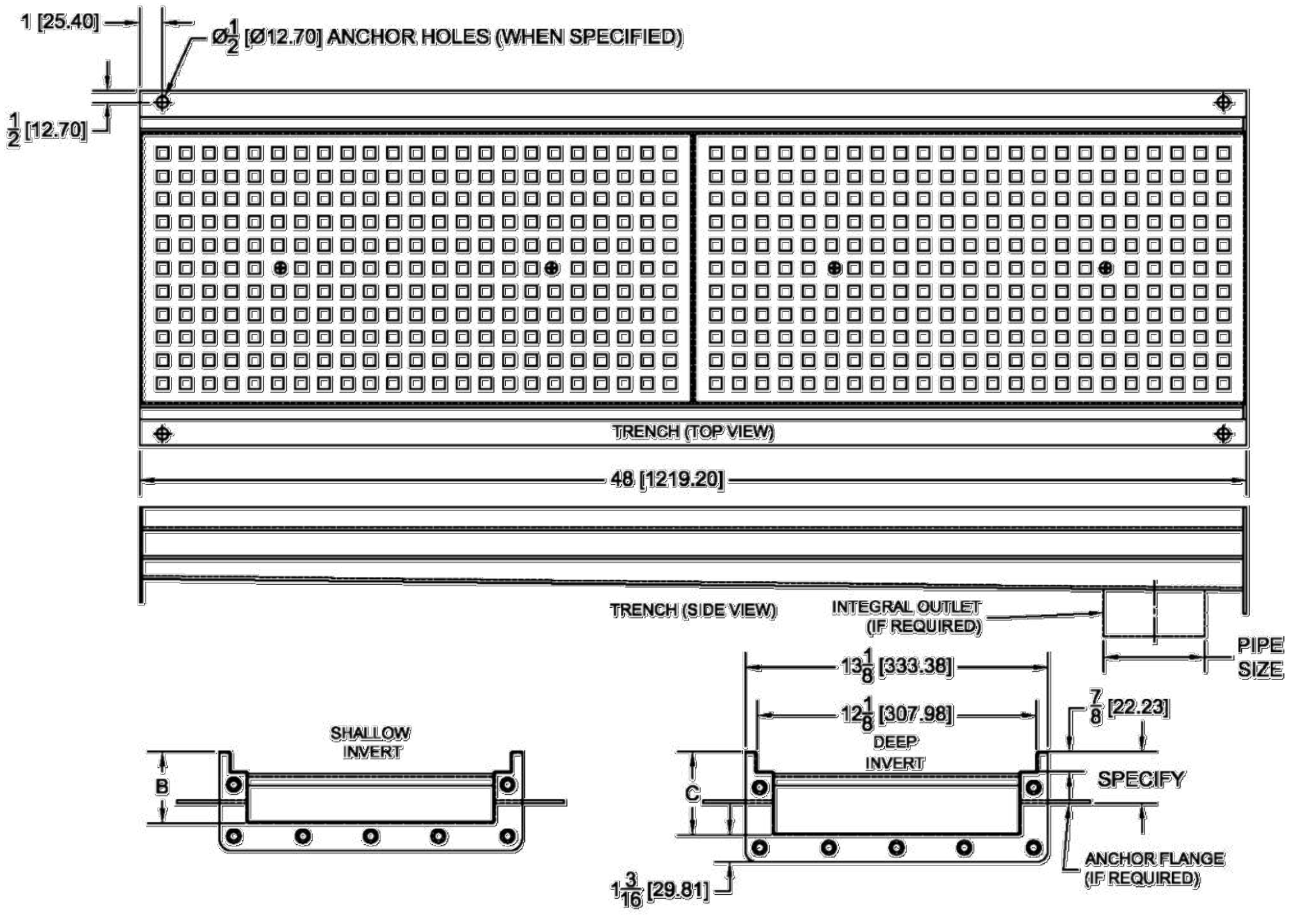
Channel No.	Channel Length	List Price / Ft.
2940SS-FB-SQS	48 Inches (1219.2)	1,522.00

Stainless Steel Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
SBS	Bar Grate	Satin	C	630.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SDP	D.I. w/ S/S Veneer	Painted	C	251.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	413.00
SFS	Slotted Reinforced	Satin	C	651.00
SHS	Square Hole Reinforced	Satin	C	651.00
SRS	Perforated Reinforced	Satin	C	651.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	651.00
SPP	D.I. w. S/S Veneer (ADA)	Painted	C	251.00
SPG	D.I. w/ S/S Veneer (ADA)	Galvanized	C	413.00
SQS	Square Hole	Satin	A	N/C
SWS	ADA Wedge Wire Grate	Satin	B	P.O.A.

Suffix Options		
Suffix	Description	Add (Deduct) / Ft
AC	Rebar Anchor Clips (Set of Four)	41.00
EP	End Plate (Specify Depth Suffix)	479.00
SO3	End Plate w/ 3NH Side Outlet (Specify Depth Suffix)	632.00
SO4	End Plate w/ 4NH Side Outlet (Specify Depth Suffix)	632.00
SO6	End Plate w/ 6NH Side Outlet (Specify Depth Suffix)	632.00
FC	3/4" NPT Flushing Connection	294.00
VP	Vandal Proof (Hex Key - Allen Screws)	15.00
VPA	High Security (Hex Key - Pin Allen)	18.00
24	Anchor Flange w/ Anchor Holes	224.00
26	Anchor Flange w/ Clamp Device	338.00
27	Outlet Sediment Cup (Specify Pipe Size)	318.00
Outlet Options (Add/Ea.)		
NH	No-Hub Outlet (2NH,3NH,4NH,6NH)	187.00
8NH	No-Hub Outlet (8NH)	203.00
BW	Butt Weld Sch.10 (3BW,4BW,6BW)	187.00
8BW	Butt Weld Sch.10 (3BW,4BW,6BW)	203.00
Fabrication Options (Add/Ea.)		
45	45 Degree Section	5,736.00
90	90 Degree Section	5,736.00
TEE	Tee Section	5,736.00
CROSS	Cross Section	11,460.00
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge (for Sheet Vinyl Flooring)	P.O.A
EE	Elastomeric Edge (for Trowled Flooring)	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge (for Porcelain Tile Flooring)	P.O.A
SE	Support Edge (for Wood Deck)	P.O.A

2940SS-FB-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with flat slopped bottom, flanged ends and light duty square hole perforated grates.



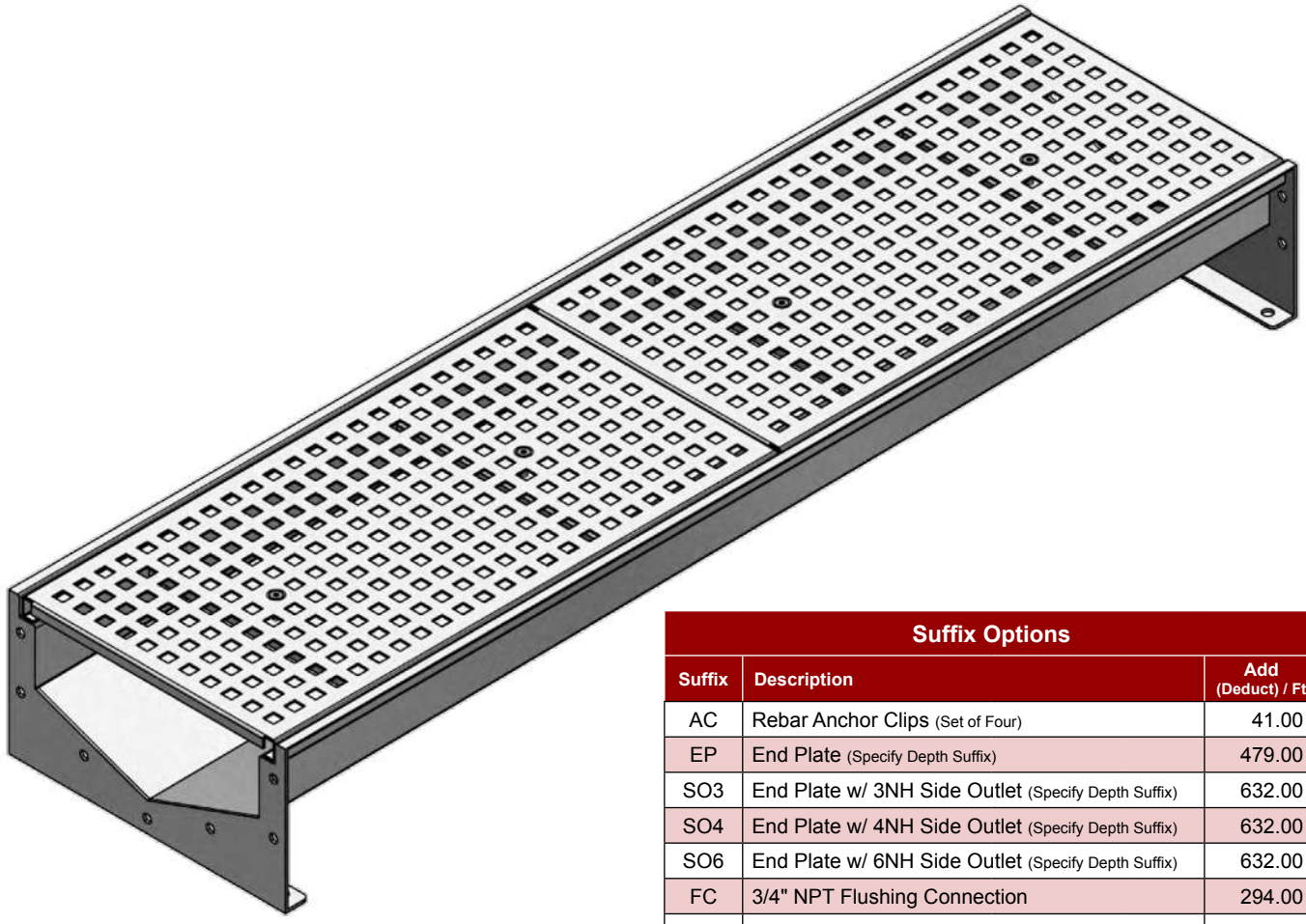
Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2940SS-VB-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and light duty square hole perforated grates.



Channel No.	Channel Length	List Price / Ft.
2940SS-VB-SQS	48 Inches (1219.2)	1,537.00

Stainless Steel Grate Options

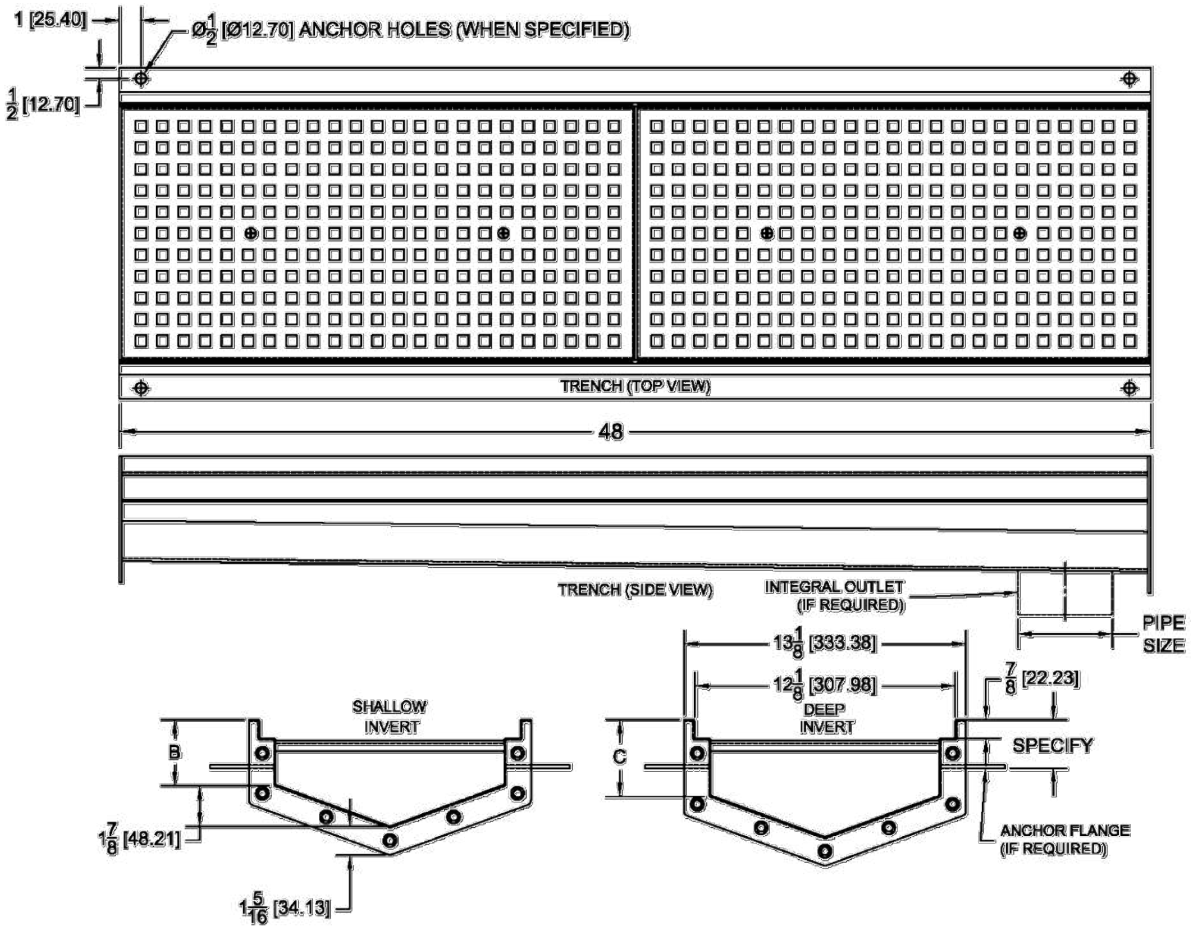
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
SBS	Bar Grate	Satin	C	630.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SDP	D.I. w/ S/S Veneer	Painted	C	251.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	413.00
SFS	Slotted Reinforced	Satin	C	651.00
SHS	Square Hole Reinforced	Satin	C	651.00
SRS	Perforated Reinforced	Satin	C	651.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	651.00
SPP	D.I. w. S/S Veneer (ADA)	Painted	C	251.00
SPG	D.I. w/ S/S Veneer (ADA)	Galvanized	C	413.00
SQS	Square Hole	Satin	A	N/C
SWS	ADA Wedge Wire Grate	Satin	B	P.O.A.

Suffix Options

Suffix	Description	Add (Deduct) / Ft
AC	Rebar Anchor Clips (Set of Four)	41.00
EP	End Plate (Specify Depth Suffix)	479.00
SO3	End Plate w/ 3NH Side Outlet (Specify Depth Suffix)	632.00
SO4	End Plate w/ 4NH Side Outlet (Specify Depth Suffix)	632.00
SO6	End Plate w/ 6NH Side Outlet (Specify Depth Suffix)	632.00
FC	3/4" NPT Flushing Connection	294.00
VP	Vandal Proof (Hex Key - Allen Screws)	15.00
VPA	High Security (Hex Key - Pin Allen)	18.00
24	Anchor Flange w/ Anchor Holes	224.00
26	Anchor Flange w/ Clamp Device	338.00
27	Outlet Sediment Cup (Specify Pipe Size)	318.00
Outlet Options (Add/Ea.)		
NH	No-Hub Outlet (2NH,3NH,4NH,6NH)	187.00
8NH	No-Hub Outlet (8NH)	203.00
BW	Butt Weld Sch.10 (3BW,4BW,6BW)	187.00
8BW	Butt Weld Sch.10 (3BW,4BW,6BW)	203.00
Fabrication Options (Add/Ea.)		
45	45 Degree Section	5,736.00
90	90 Degree Section	5,736.00
TEE	Tee Section	5,736.00
CROSS	Cross Section	11,460.00
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge (for Sheet Vinyl Flooring)	P.O.A
EE	Elastomeric Edge (for Trowled Flooring)	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge (for Porcelain Tile Flooring)	P.O.A
SE	Support Edge (for Wood Deck)	P.O.A

2940SS-VB-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Flat Bottom)

Regularly Furnished: 12" wide fabricated modular trench drain with 'V' slopped bottom, flanged ends and light duty square hole perforated grates.



Note: Custom Lengths are Available to Establish Specific Overall Trench Assemblies i.e. If 47 Ft. slopped bottom trench is specified, Eleven 4FT standard sections would be provided and one 3FT custom cut section. Each Custom Cut $65.00 List. (Includes Grate)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
AB	75	284	3.000 (76)	3.500 (89)
BC	97	367	3.500 (89)	4.000 (102)
CC	-	-	4.000 (102)	4.000 (102)
CD	124	469	4.000 (102)	4.500 (114)
DE	151	571	4.500 (114)	5.000 (127)
EE	-	-	5.000 (127)	5.000 (127)
EF	179	677	5.000 (127)	5.500 (140)
FG	193	730	5.500 (140)	6.000 (152)
GG	-	-	6.000 (152)	6.000 (152)
GH	207	783	6.000 (152)	6.500 (165)
HI	235	889	6.500 (165)	7.000 (178)
II	-	-	7.000 (178)	7.000 (178)
IJ	235	889	7.000 (178)	7.500 (191)
JK	263	995	7.500 (191)	8.000 (203)
KK	-	-	8.000 (203)	8.000 (203)
KL	292	1105	8.000 (203)	8.500 (216)

Suffix No.	Flow Rate		Dimensions In. (mm)	
	GPM	LPM	B	C
LM	321	1215	8.500 (216)	9.000 (229)
MM	-	-	9.000 (229)	9.000 (229)
MN	349	1321	9.000 (229)	9.500 (241)
NO	321	1215	9.500 (241)	10.000 (254)
OO	-	-	10.000 (254)	10.000 (254)
OP	378	1431	10.000 (254)	10.500 (267)
PQ	407	1540	10.500 (267)	11.000 (279)
QQ	-	-	11.000 (279)	11.000 (279)
QR	436	1650	11.000 (279)	11.500 (292)
RS	451	1707	11.500 (292)	12.000 (305)
SS	-	-	12.000 (305)	12.000 (305)
ST	465	1760	12.000 (305)	12.500 (318)
TU	494	1870	12.500 (318)	13.000 (330)
UU	-	-	13.000 (330)	13.000 (330)
UV	523	1979	13.000 (330)	13.500 (343)
VW	552	2089	13.500 (343)	14.000 (356)

2940SSB-(FB or VB)-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and square hole perforated grates.



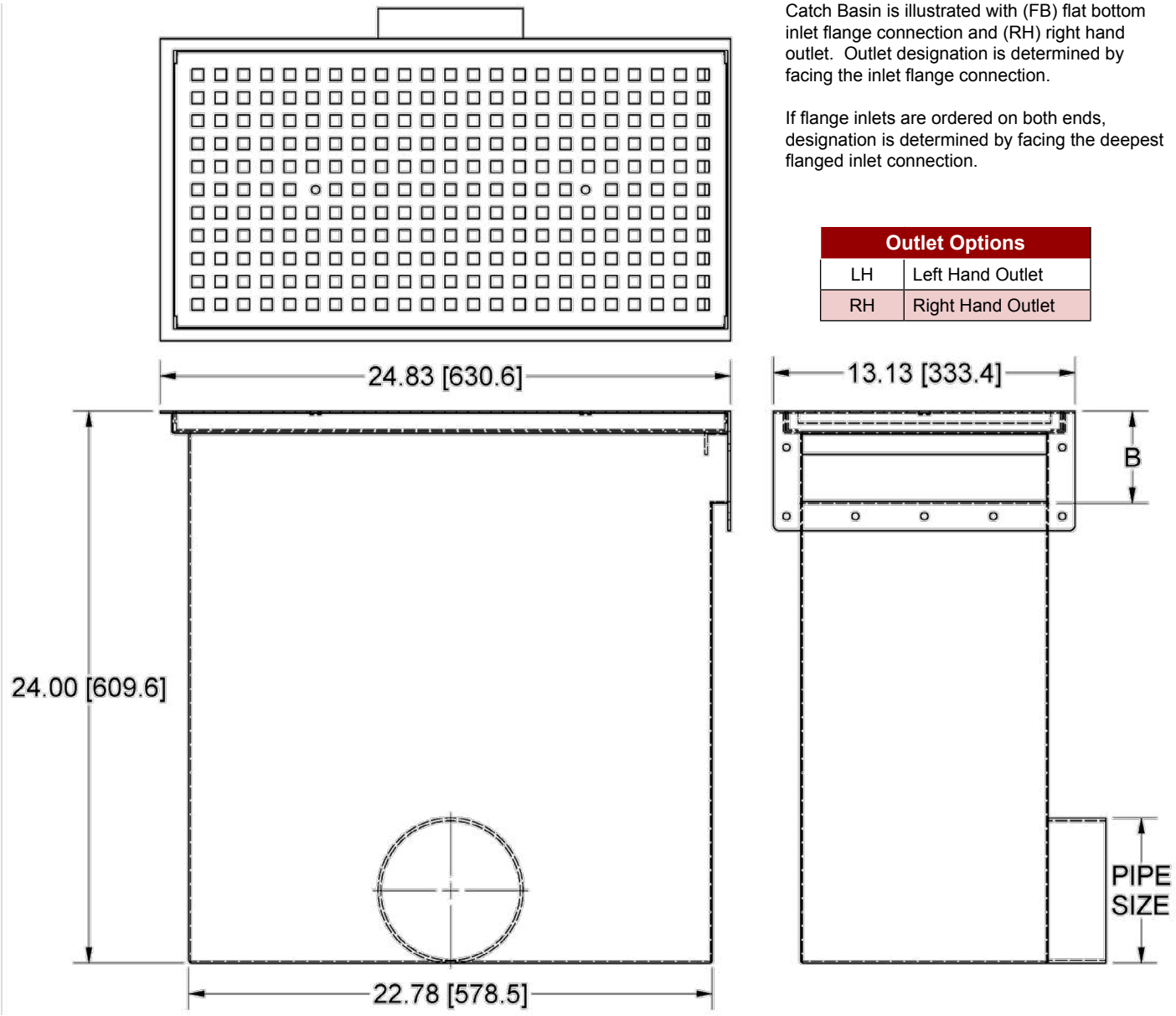
Channel No.	Channel Length	List Price/Ea.
2940SSB-FB-SQS	48 Inches (1219.2)	9,266.00
2940SSB-VB-SQS	48 Inches (1219.2)	9,266.00

Stainless Steel Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
SBS	Bar Grate	Satin	C	1,264.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SDP	D.I. w/ S/S Veneer	Painted	C	500.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	825.00
SFS	Slotted Reinforced	Satin	C	1,299.00
SHS	Square Hole Reinforced	Satin	C	1,299.00
SRS	Perforated Reinforced	Satin	C	1,299.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	1,299.00
SPP	D.I. w. S/S Veneer (ADA)	Painted	C	500.00
SPG	D.I. w/ S/S Veneer (ADA)	Galvanized	C	825.00
SQS	Square Hole	Satin	A	N.C
SWS	ADA Wedge Wire Grate	Satin	B	P.O.A.

Suffix Options		
Suffix	Description	Add (Deduct) / Ft
AC	Rebar Anchor Clips (Set of Four)	41.00
EP	End Plate (Specify Depth Suffix)	479.00
SO3	End Plate w/ 3NH Side Outlet (Specify Depth Suffix)	632.00
SO4	End Plate w/ 4NH Side Outlet (Specify Depth Suffix)	650.00
SO6	End Plate w/ 6NH Side Outlet (Specify Depth Suffix)	667.00
VP	Vandal Proof (Hex Key - Allen Screws)	15.00
VPA	High Security (Hex Key - Pin Allen)	18.00
24	Anchor Flange w/ Anchor Holes	224.00
26	Anchor Flange w/ Clamp Device	338.00
27	Sediment Basket	318.00
Outlet Options (Add/Ea.)		
NH	No-Hub (3NH,4NH,6NH,8NH)	N/C
BW	Butt Weld Sch.10 (3BW,4BW,6BW,8BW)	N/C
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge (for Sheet Vinyl Flooring)	P.O.A
EE	Elastomeric Edge (for Trowled Flooring)	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge (for Porcelain Tile Flooring)	P.O.A
SE	Support Edge (for Wood Deck)	P.O.A

2940SSB-(FB or VB)-HDP 12" Wide Stainless Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and square hole perforated grates.



Catch Basin is illustrated with (FB) flat bottom inlet flange connection and (RH) right hand outlet. Outlet designation is determined by facing the inlet flange connection.

If flange inlets are ordered on both ends, designation is determined by facing the deepest flanged inlet connection.

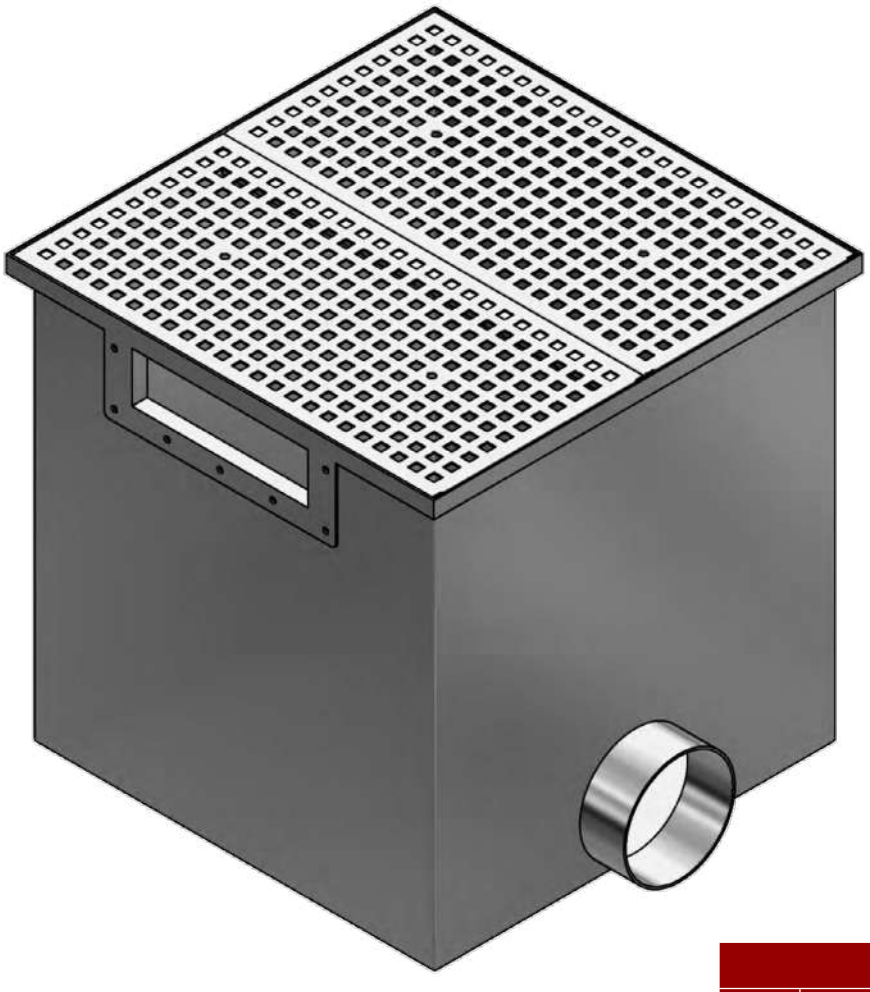
Outlet Options	
LH	Left Hand Outlet
RH	Right Hand Outlet

Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

2940SSC-(FB or VB)-SQS 12" Wide Stainless Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and square hole perforated grates.



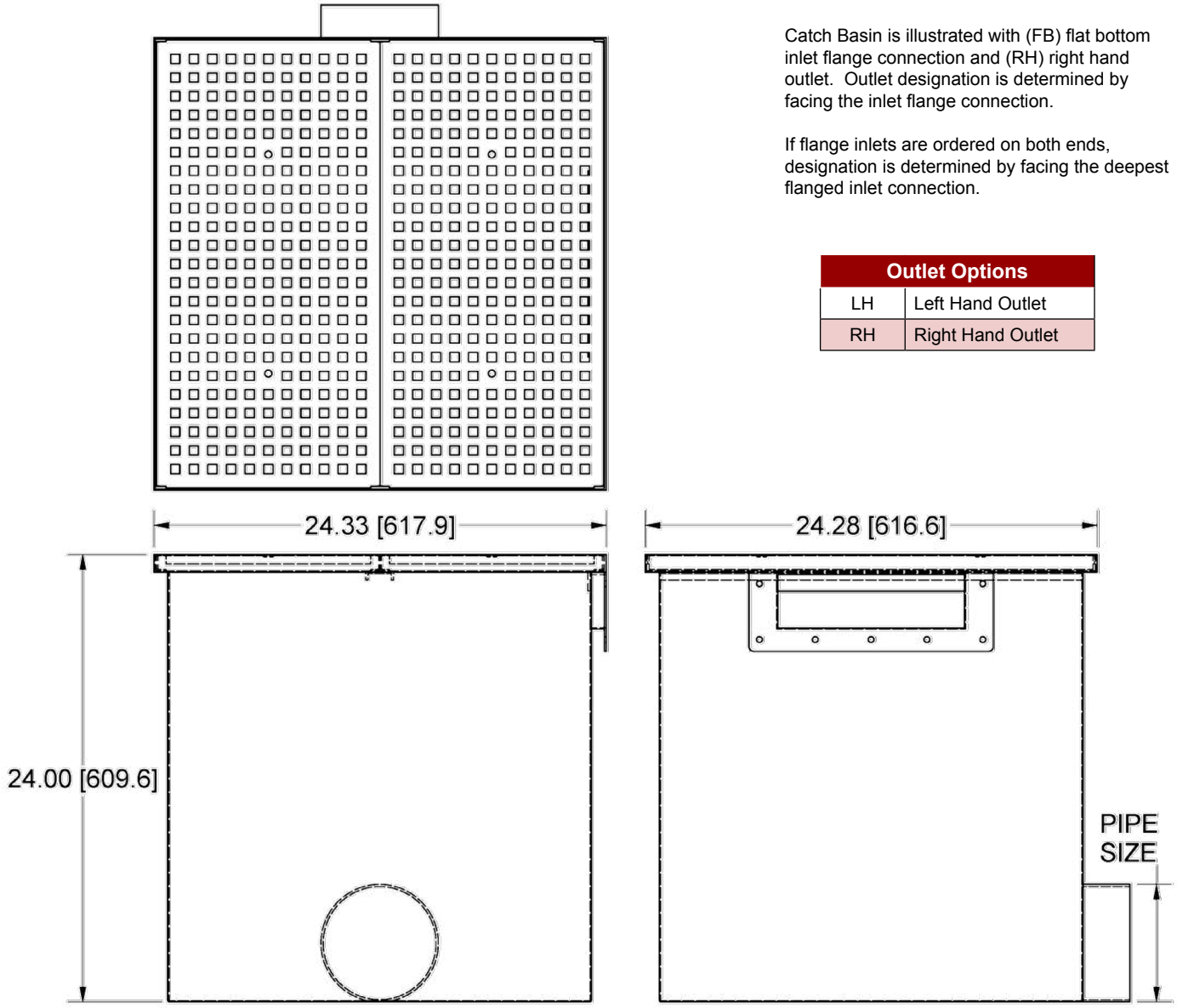
Channel No.	Channel Length	List Price / Ft.
2940SSC-FB-SQS	48 Inches (1219.2)	12,367.00
2940SSC-VB-SQS	48 Inches (1219.2)	12,367.00

Stainless Steel Grate Options				
Suffix	Description	Finish	Class	Add (Deduct) / Ea.
SBS	Bar Grate	Satin	C	2,525.00
SDS	Slotted	Satin	A	N/C
SPS	Perforated	Satin	A	N/C
SDP	D.I. w/ S/S Veneer	Painted	C	1,000.00
SDG	D.I. w/ S/S Veneer	Galvanized	C	1,649.00
SFS	Slotted Reinforced	Satin	C	2,602.00
SHS	Square Hole Reinforced	Satin	C	2,602.00
SRS	Perforated Reinforced	Satin	C	2,602.00
SMS	Solid Cover	Satin	A	N/C
SNS	Reinforced Solid Cover	Satin	C	2,602.00
SPP	D.I. w. S/S Veneer (ADA)	Painted	C	1,000.00
SPG	D.I. w/ S/S Veneer (ADA)	Galvanized	C	1,649.00
SQS	Square Hole	Satin	A	N.C
SWS	ADA Wedge Wire Grate	Satin	B	P.O.A.

Suffix Options		
Suffix	Description	Add (Deduct) / Ft
AC	Rebar Anchor Clips (Set of Four)	41.00
EP	End Plate (Specify Depth Suffix)	479.00
SO3	End Plate w/ 3NH Side Outlet (Specify Depth Suffix)	471.00
SO4	End Plate w/ 4NH Side Outlet (Specify Depth Suffix)	650.00
SO6	End Plate w/ 6NH Side Outlet (Specify Depth Suffix)	667.00
VP	Vandal Proof (Hex Key - Allen Screws)	52.00
VPA	High Security (Hex Key - Pin Allen)	63.00
24	Anchor Flange w/ Anchor Holes	890.00
26	Anchor Flange w/ Clamp Device	1,342.00
27	Sediment Basket	1,221.00
Outlet Options (Add/Ea.)		
NH	No-Hub Coupling (3NH,4NH,6NH,8NH)	N/C
BW	Butt Weld Sch.10 (3BW,4BW,6BW,8BW)	N/C
Custom Edge Options (Add/Ft.)		
CE	Clamp Edge (for Sheet Vinyl Flooring)	P.O.A
EE	Elastomeric Edge (for Trowled Flooring)	P.O.A
NE	Narrow Edge	P.O.A
RE	Return Edge (for Porcelain Tile Flooring)	P.O.A
SE	Support Edge (for Wood Deck)	P.O.A

2940SSC-(FB or VB)-HDP 12" Wide Stainless Steel Modular Trench Drainage System (Catch Basin)

Regularly Furnished: 12" wide fabricated modular trench drain catch basin with flanged ends and square hole perforated grates.



Catch Basin is illustrated with (FB) flat bottom inlet flange connection and (RH) right hand outlet. Outlet designation is determined by facing the inlet flange connection.

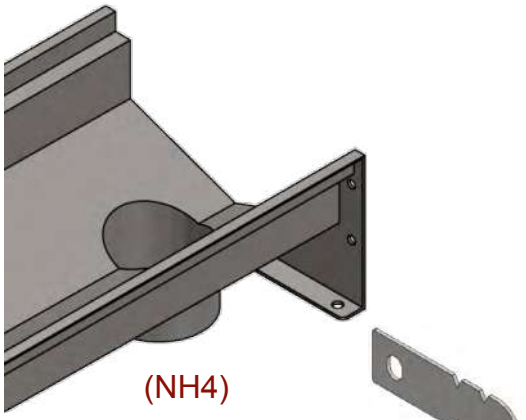
If flange inlets are ordered on both ends, designation is determined by facing the deepest flanged inlet connection.

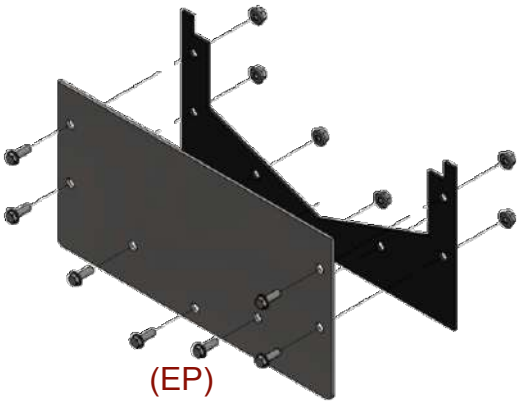
Outlet Options	
LH	Left Hand Outlet
RH	Right Hand Outlet

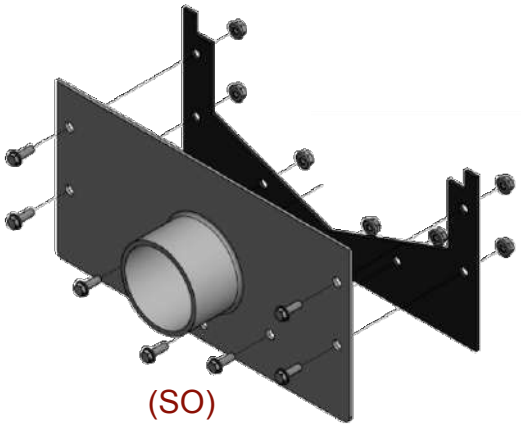
Flange Connections may be specified for different depths—i.e. (-CF will be provided with one flange at 4.00" depth & opposite flange at 5.00" depth)

Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B	Suffix Connection One End	Suffix Connection Both Ends	Dimensions In. (mm) B
A	AA	3.000 (76)	I	II	7.000 (178)	Q	QQ	11.000 (279)
B	BB	3.500 (89)	J	JJ	7.500 (191)	R	RR	11.500 (292)
C	CC	4.000 (102)	K	KK	8.000 (203)	S	SS	12.000 (305)
D	DD	4.500 (114)	L	LL	8.500 (216)	T	TT	12.500 (318)
E	EE	5.000 (127)	M	MM	9.000 (229)	U	UU	13.000 (330)
F	FF	5.500 (140)	N	NN	9.500 (241)	V	VV	13.500 (343)
G	GG	6.000 (152)	-O	OO	10.000 (254)	W	WW	14.000 (356)
H	HH	6.500 (165)	-P	PP	10.500 (267)			

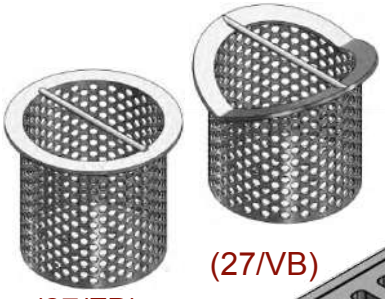
Channel Accessories 6" Wide Stainless Steel or Carbon Steel Modular Trench Drainage System

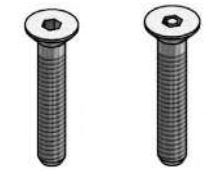






Outlet Options Price/Each			
Suffix	Description	List Price (Carbon Steel)	List Price (Stainless Steel)
2NH	2" No-Hub Outlet	91.00	187.00
3NH	3" No-Hub Outlet	91.00	187.00
4NH	4" No-Hub Outlet	91.00	187.00
6NH	6" No-Hub Outlet	91.00	187.00
8NH	8" No-Hub Outlet	153.00	203.00
2BW	2" Butt Weld Outlet (Sch.10)	91.00	187.00
3BW	3" Butt Weld Outlet (Sch.10)	91.00	187.00
4BW	4" Butt Weld Outlet (Sch.10)	91.00	187.00
6BW	6" Butt Weld Outlet (Sch.10)	91.00	187.00
8BW	8" Butt Weld Outlet (Sch.10)	153.00	203.00
End Plate Options Price/Each			
EP	End Plate (Specify Depth Suffix)	93.00	479.00
SO2	Side Outlet End Plate (Specify Depth Suffix) 2" No-Hub	180.00	479.00
SO3	Side Outlet End Plate (Specify Depth Suffix) 3" No-Hub	180.00	632.00
SO4	Side Outlet End Plate (Specify Depth Suffix) 4" No-Hub	180.00	650.00
SO6	Side Outlet End Plate (Specify Depth Suffix) 6" No-Hub	180.00	667.00
Suffix Options			
AC	Rebar Anchor Clips (Set of 4) Price/Set	41.00	41.00
VP	Vandal Proof Screws (Hex Key - Allen) Price/Ft.	15.00	15.00
VPA	High Security Screws (Hex Key - Pin Allen) Price/Ft.	18.00	18.00
FC	Flushing Connection (3/4" NPT) Price/Ea.	146.00	294.00
27	Sediment Cup (Fits in Outlet) Price/Ea.	318.00	318.00





Fabrication Options 6" Wide Stainless Steel or Carbon Steel Modular Trench Drainage System

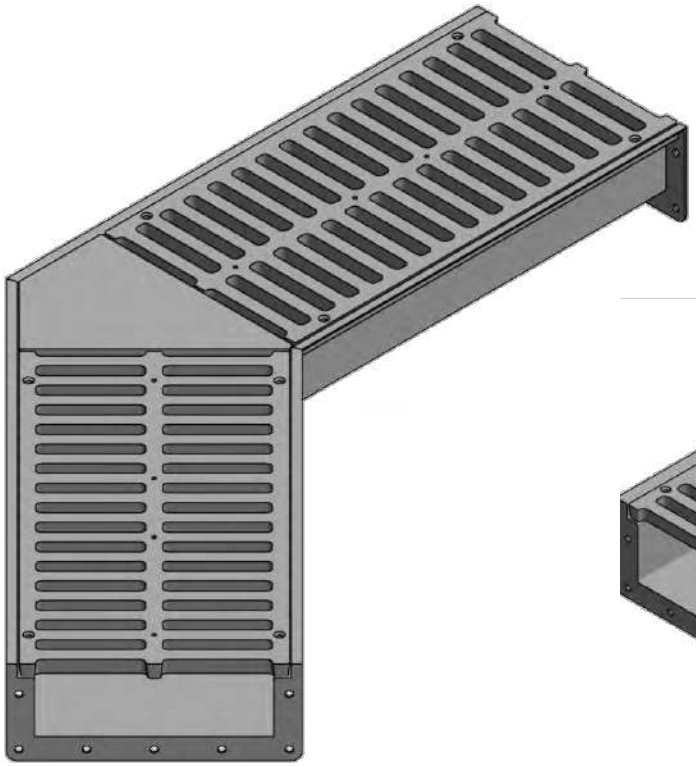
Fabricated sections in 45, 90 and Tee configurations are available in neutral channels.

Specify:

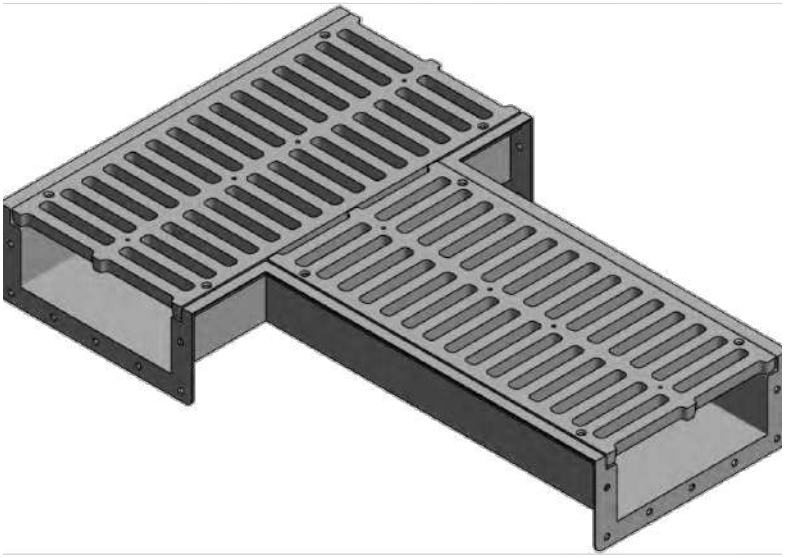
Model Number / Depth Suffix / Suffix Option / Grate Option on order:

i.e.: **2940CS-FB-CC-45-HDP**

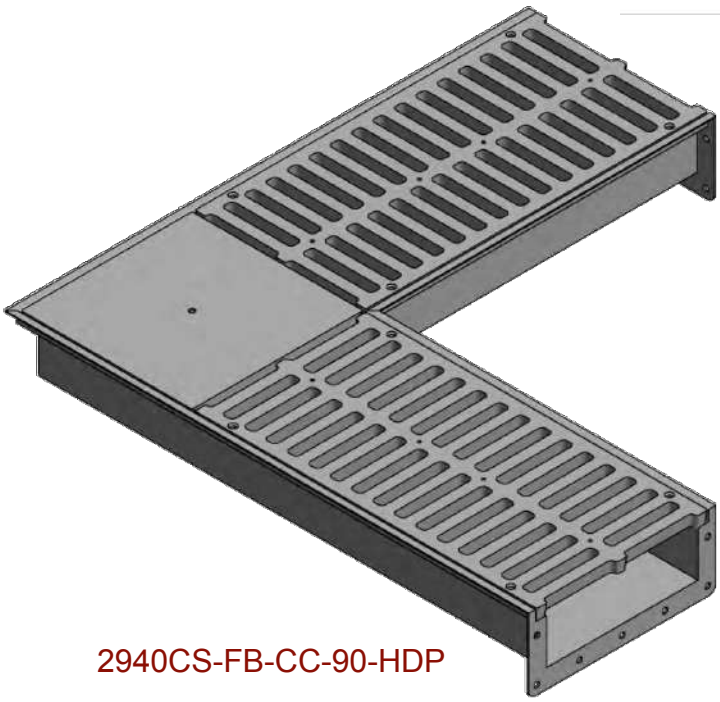
Fabrication Options (Specify FB or VB)			
Suffix	Description	List Price (Carbon Steel)	List Price (Stainless Steel)
45	45° Trench Section	3,082.00	5,736.00
90	90° Trench Section	3,702.00	5,736.00
TEE	Tee Sectiont	3,321.00	5,736.00
CROSS	Cross Section	5,656.00	11,460.00



2940CS-FB-CC-45-HDP

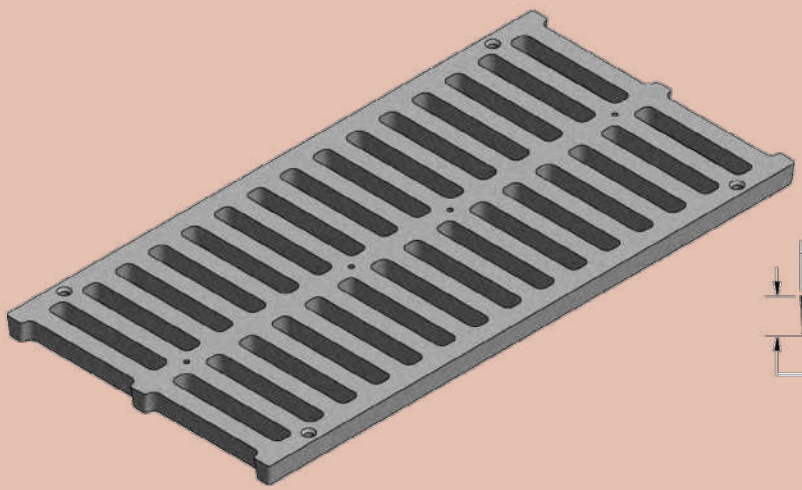


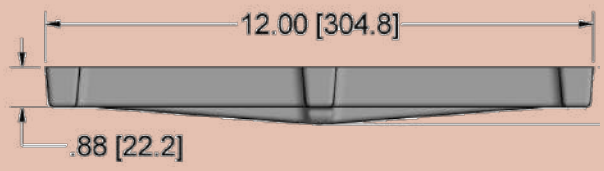
2940CS-FB-CC-TEE-HDP



2940CS-FB-CC-90-HDP

Optional Grating - Ductile Iron 12" Wide Modular Trench Drainage System

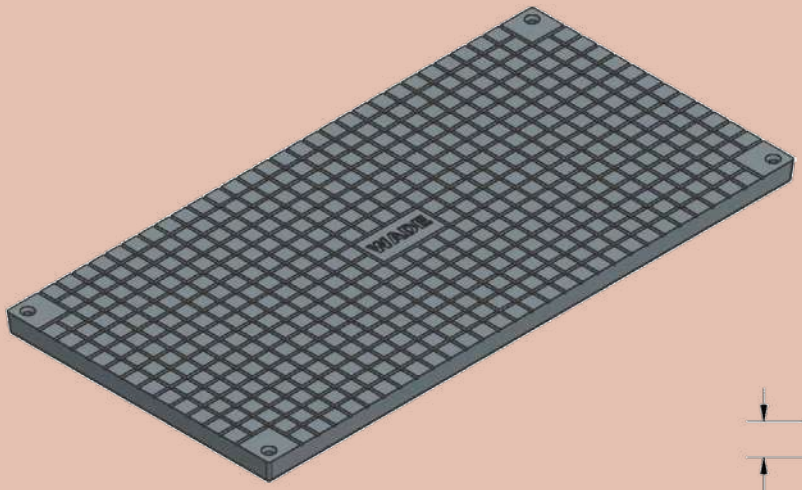


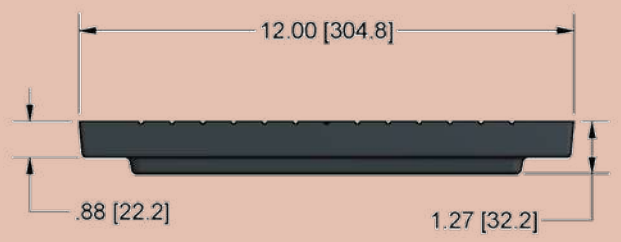


Slot Width = 3/4" (19.0)

HD (Ductile Iron) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-HDP	294124	Painted	Class C	SD	H-20	No	No	115.2	182.00
WN912-HDG	294324	Galvanized	Class C	SD	H-20	No	No	115.2	557.00

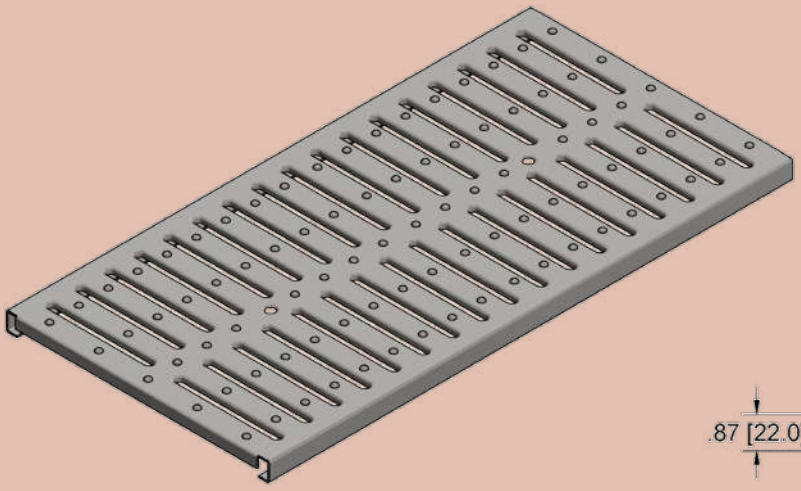


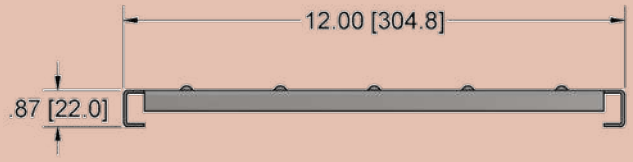


DM (Ductile Iron) Solid Cover (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-DMP		Painted	Class C	HD	H-20	No	No	None	303.00
WN900-DMG		Galvanized	Class C	HD	H-20	No	No	None	451.00

Optional Grating - Galvanized Steel 12" Wide Modular Trench Drainage System

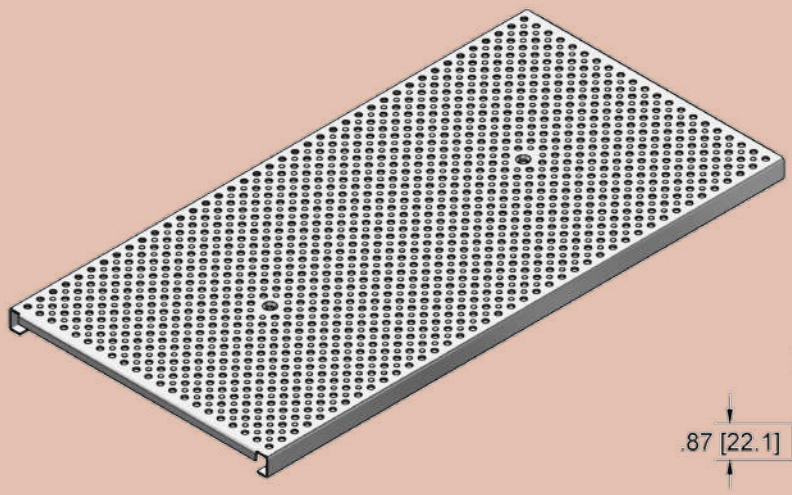


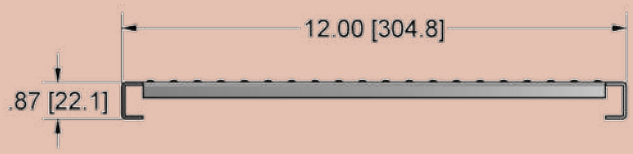


Slot Width = 11/32" (8.7)

CSG (Galvanized Steel) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-CSG	296104	Galvanized	Class A	LD	No	No	No	49.9	252.00

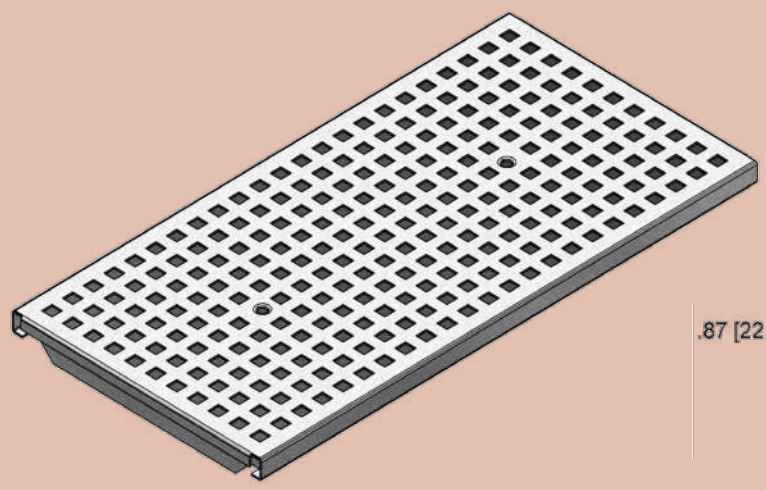


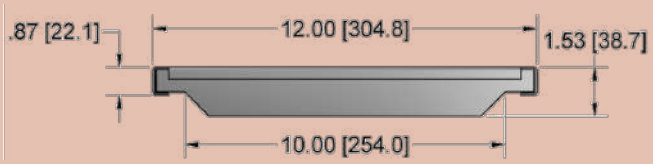


Perforation Diameter = 1/4" (6.3)

FPG (Galvanized Steel) Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-FPG	296204	Galvanized	Class A	LD	No	No	Yes	41.2	252.00

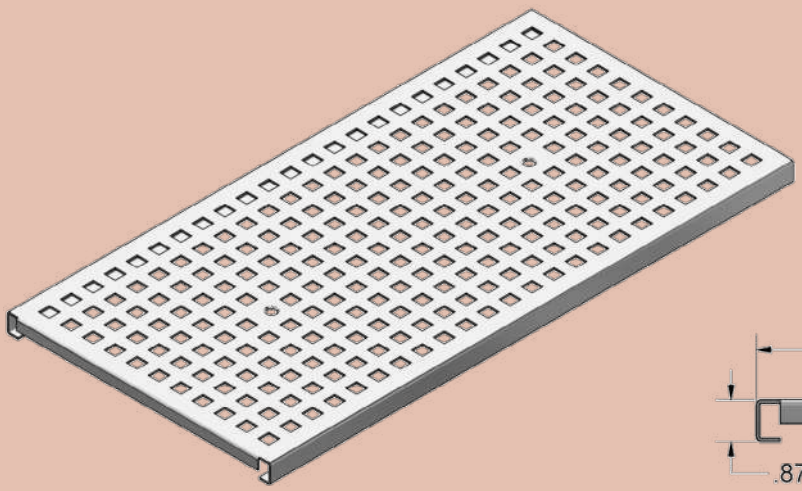


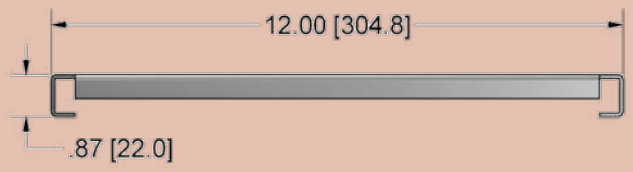


Slot Width = 5/16" (8.0)

SHS (Stainless Steel) Reinforced Square Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SHS	294804	Satin	Class B	MD	No	No	No	63.3	1,893.00



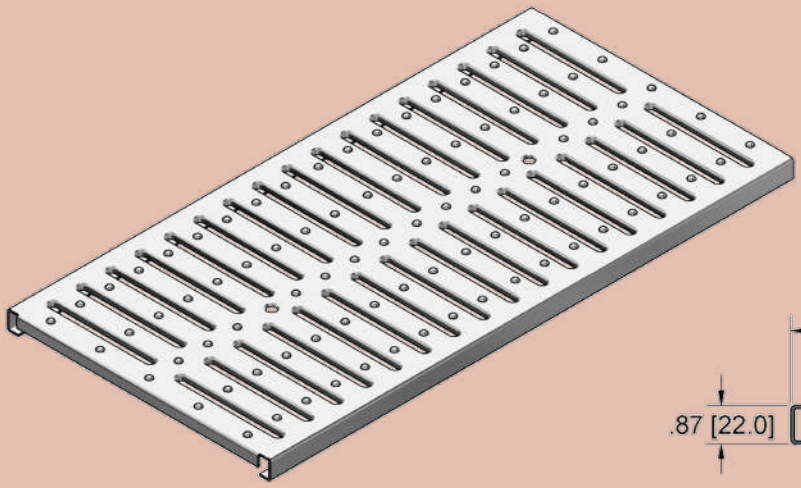


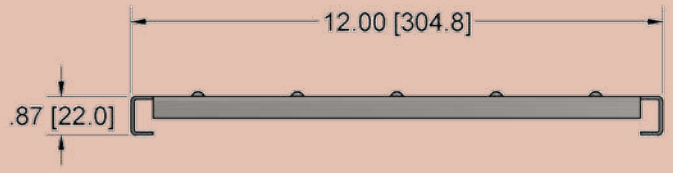
Slot Width = 5/16" (8.0)

HP (Ductile Iron) ADA (Heel Proof) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SQS	294304	Satin	Class A	HD	H-20	No	No	63.3	395.00

Optional Grating - Stainless Steel 12" Wide Modular Trench Drainage System

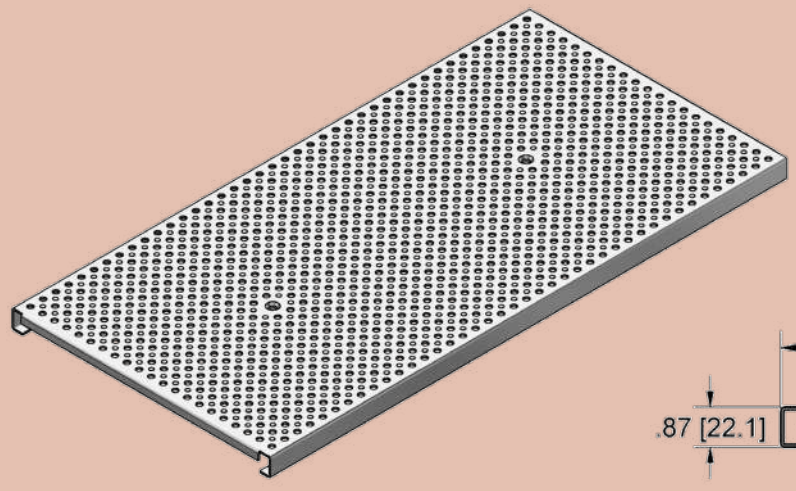


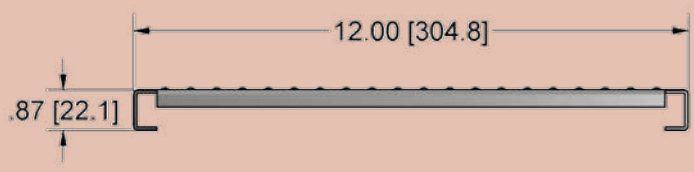


Slot Width = 5/16" (8.0)

SDS (Stainless Steel) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SDS	294604	Satin	Class A	LD	No	No	No	49.9	395.00

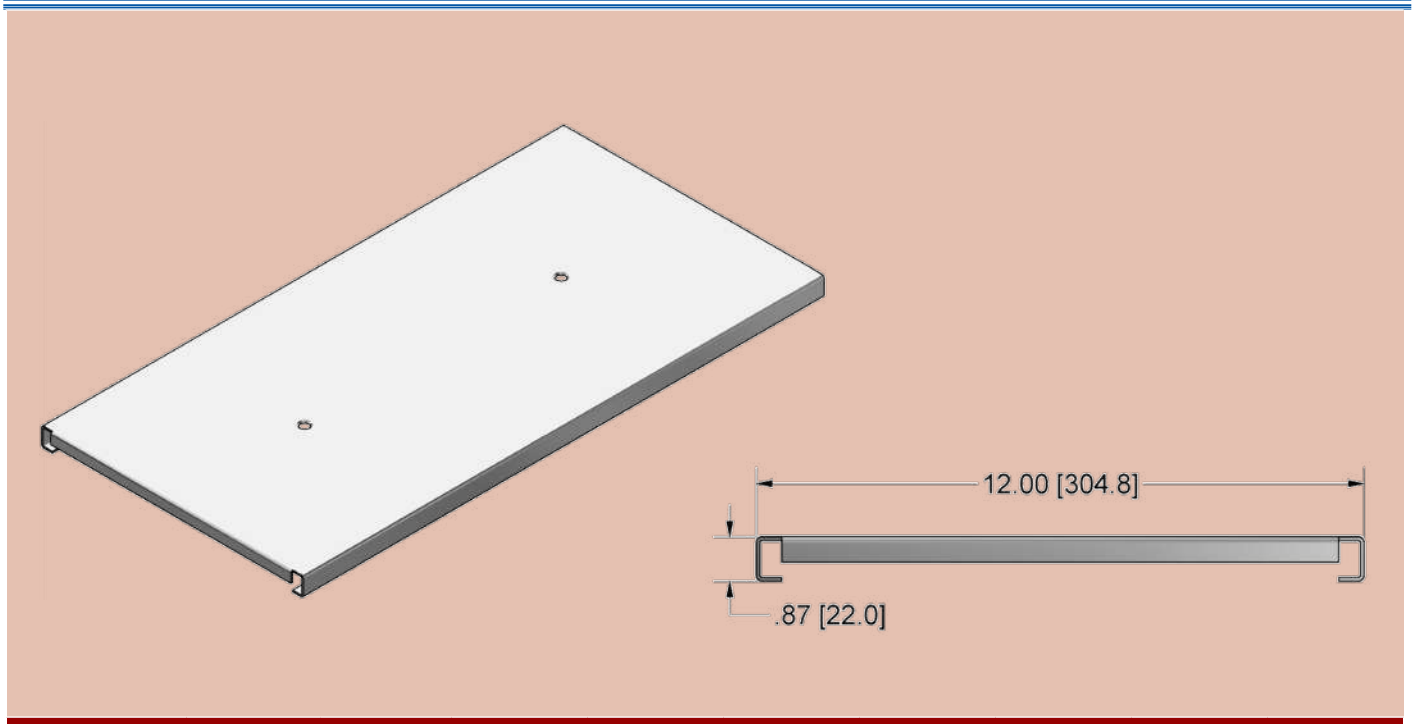




Slot Width = 5/16" (8.0)

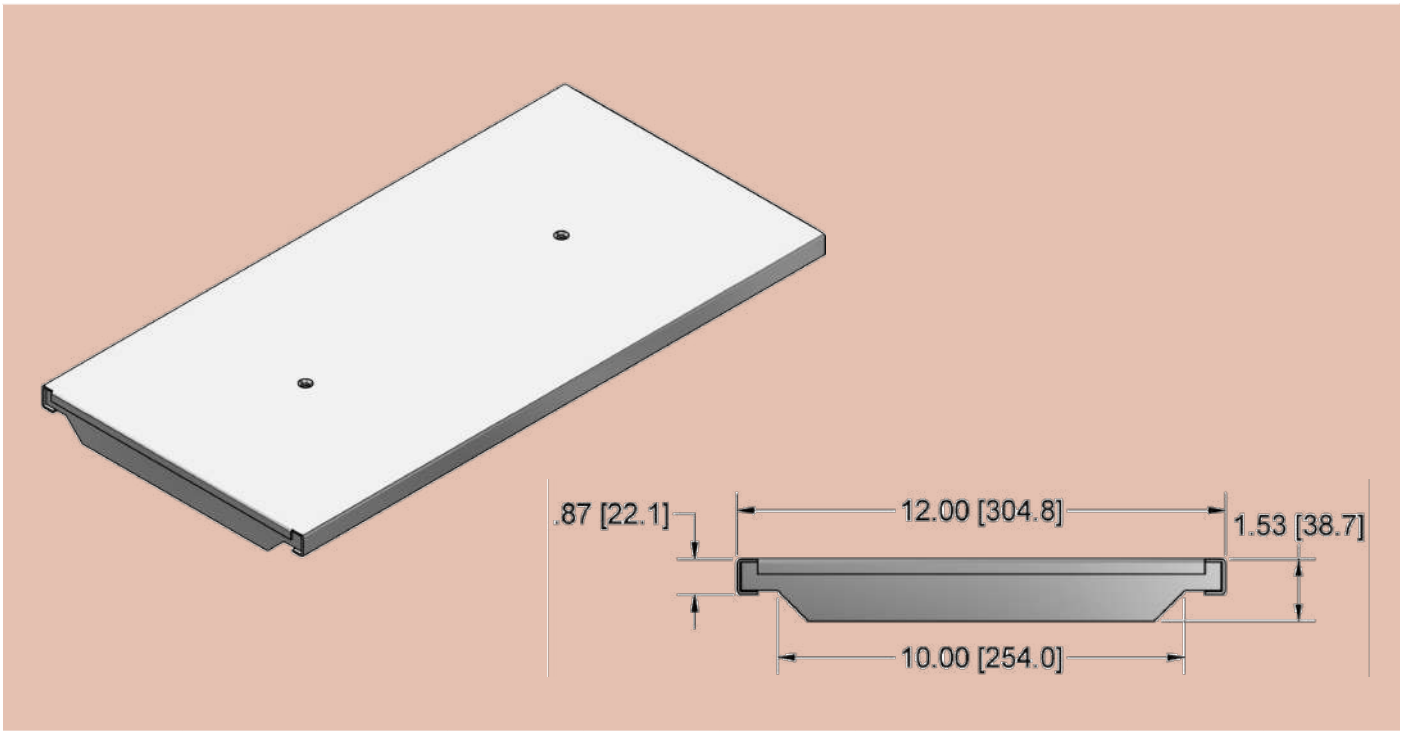
SPS (Stainless Steel) ADA (Heel Proof) Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SPS-ADA	294904	Satin	Class A	LD	No	No	No	41.2	395.00



SMS (Stainless Steel) Solid Cover (24" Long)

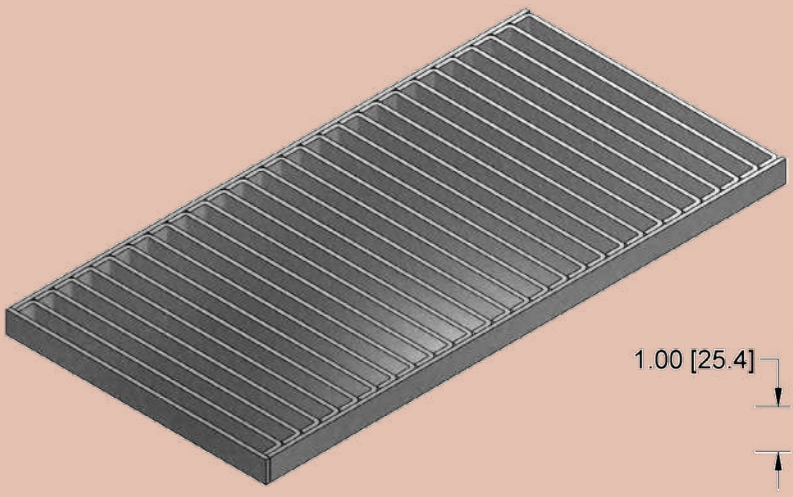
Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SMS		Satin	Class C	HD	H-20	No	Yes	None	389.00

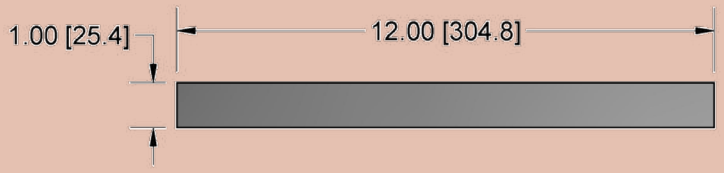


SNS (Stainless Steel) Reinforced Solid Cover (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SNS		Satin	Class B	MD	H-20	No	Yes	None	1,488.00

Optional Grating - Stainless Steel 12" Wide Modular Trench Drainage System



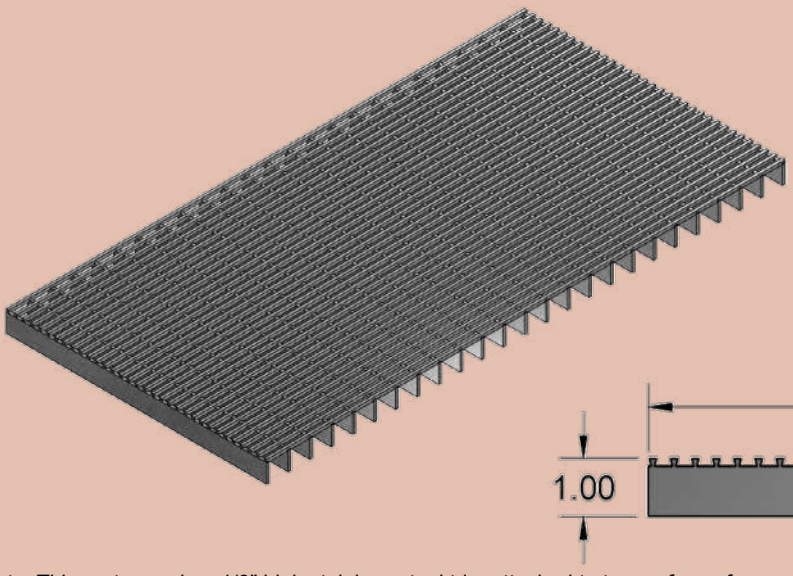


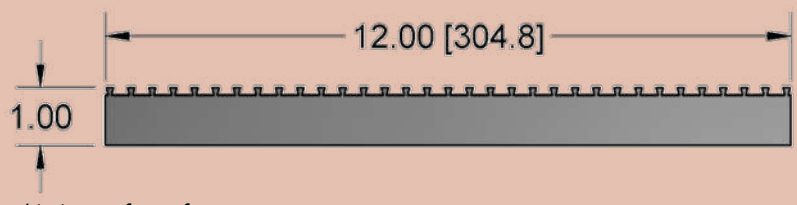
Note: This grate requires 1/8" high stainless steel trim attached to top surface of trench. Trim is factory applied before shipment.

Slot Width = 11/32" (8.7)

SBS (Stainless Steel) Slotted Bar (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SBS	294404	Satin	Class B	HD	H-20	No	No	49.9	1,417.00





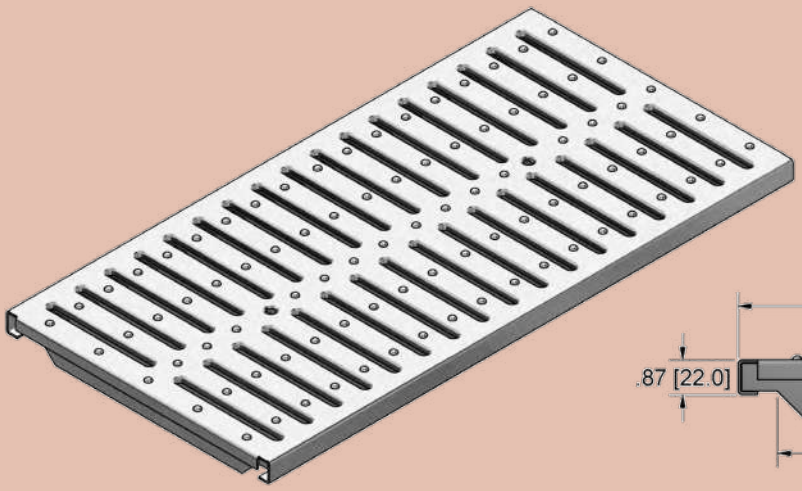
Note: This grate requires 1/8" high stainless steel trim attached to top surface of trench. Trim is factory applied before shipment.

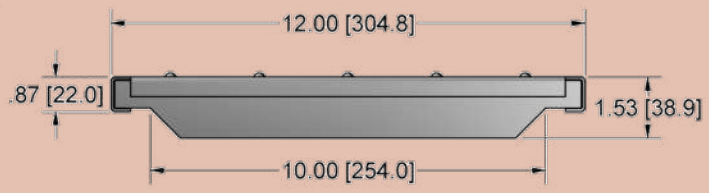
Slot Width = 1/4" (6.3)

SWS (Stainless Steel) ADA (Heel Proof) Wedge Wire (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SWS	295404	Satin	Class C	LD	No	No	No	41.2	POA

Optional Grating - Stainless Steel 12" Wide Modular Trench Drainage System

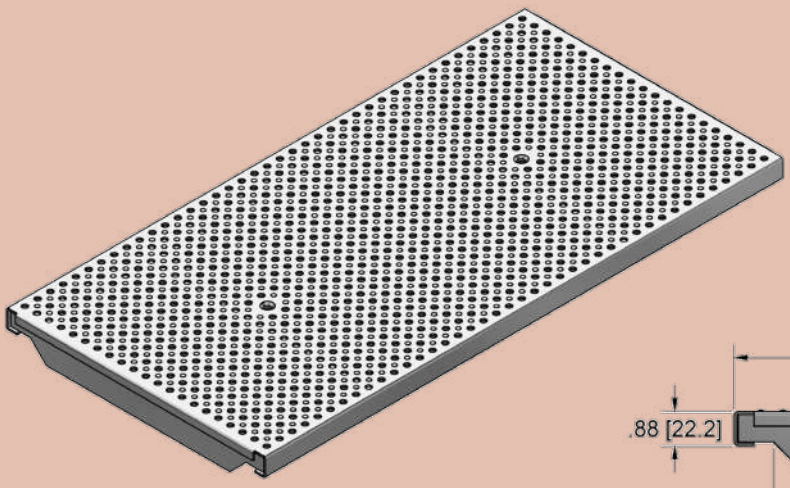


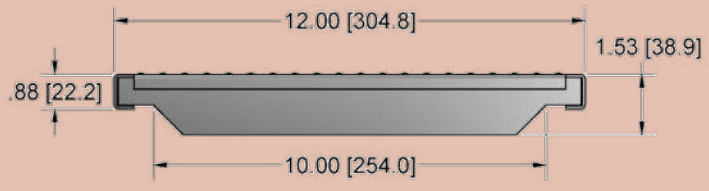


Slot Width = 5/16" (8.0)

SFS (Stainless Steel) Reinforced Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SFS	294704	Painted	Class B	MD	No	No	No	43.4	1,185.00

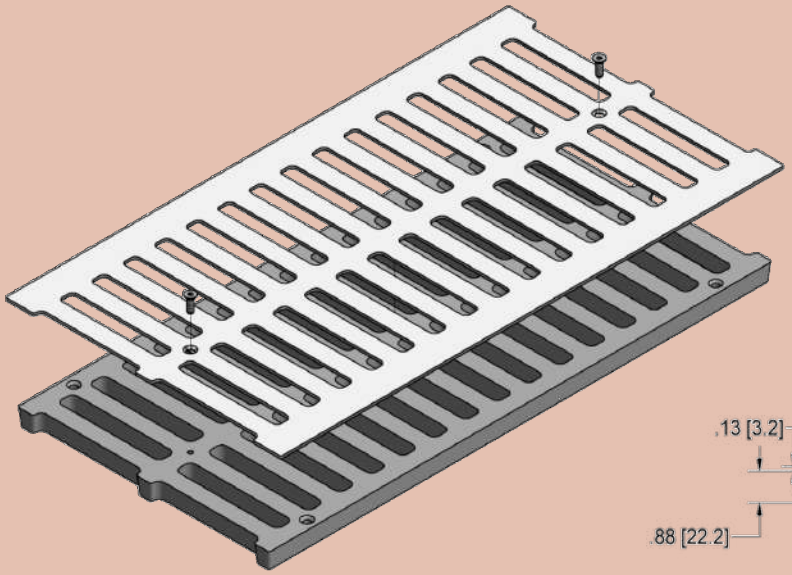


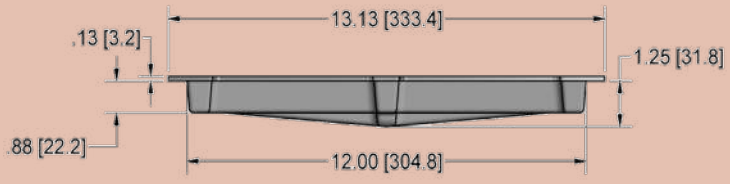


Slot Width = 5/16" (8.0)

SRS (Stainless Steel) Reinforced ADA (Heel Proof) Round Hole Perforated (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SRS	295104	Painted	Class B	MD	H-20	No	No	36.2	1,185.00

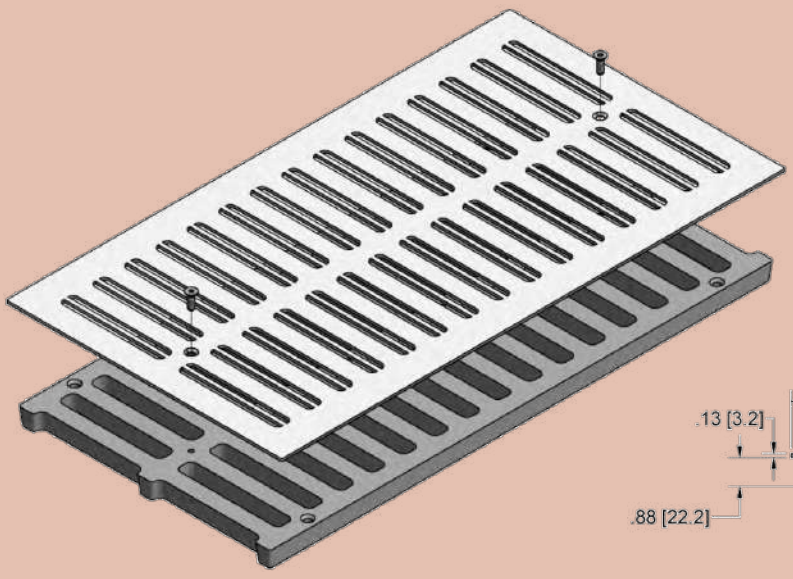


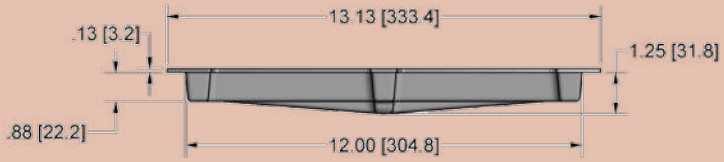


Slot Width = 5/16" (8.0)

SD (Ductile Iron w/ Stainless Steel Veneer) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SDP	296877	Painted	Class C	SD	H-20	No	No	43.4	971.00
WN912-SDG	296879	Galvanized	Class C	SD	H-20	No	No	43.4	1,342.00





Slot Width = 5/16" (8.0)

SP (Ductile Iron w/ Stainless Steel Veneer) ADA (Heel Proof) Slotted (24" Long)

Part No.	UPC	Finish	Load Rating				ADA	Free Area (Sq.In.)	List Price (Each)
			DIN	ASME	AASHTO	FAA			
WN912-SPP	296879	Painted	Class C	SD	H-20	No	Yes	36.2	1,342.00
WN912-SPG	296880	Galvanized	Class C	SD	H-20	No	Yes	36.2	1,342.00

Ordering Guide 6" Wide Modular Trench Drainage System

GRATES (All 6" Wide Trench)		
Nickel Bronze		
WN900-BBK	$1,078.00	488989
WN900-BDK	1,078.00	489009
WN900-BZK	1,078.00	489016
Carbon Steel (Galvanized)		
WN900-CPG	185.00	480525
WN900-CSG	116.00	480532
WN900-COG2	524.00	481735
WN900-COG4	1,047.00	481737
WN900-CNG2	524.00	480731
WN900-CNG4	1,047.00	480739
WN900-FPG	116.00	480624
WN900-RSG	185.00	488569
Carbon Steel (Painted)		
WN900-COP2	471.00	481731
WN900-COP4	941.00	481733
Ductile Iron		
WN900-DBP	192.00	480549
WN900-DBG	240.00	488217
WN900-DCP	204.00	480556
WN900-DCG	248.00	488200
WN900-DDP	204.00	480563
WN900-DDG	248.00	488194
WN900-DEP	315.00	497905
WN900-DEG	364.00	497929
WN900-DHP	175.00	480570
WN900-DHG	219.00	488170
WN900-DMP	204.00	480587
WN900-DMG	248.00	488163
WN900-DRP	192.00	488156
WN900-DRG	240.00	488149
WN900-DPP	639.00	488150
WN900-DPG	691.00	488151
WN900-DWN	201.00	480600
WN900-DWG	246.00	488620
WN900-DXP	278.00	480594
WN900-DXG	357.00	488613
WN900-DZP	204.00	480617
WN900-DZG	248.00	488606
WN900-HDP	147.00	463290
WN900-HDG	192.00	488590
WN900-HHP	201.00	480631
WN900-HHG	246.00	488583
WN900-HPP	192.00	480648
WN900-HPG	334.00	488576
WN900-HLP	276.00	489023
WN900-HLG	357.00	489030
Plastic Slotted		
WN900-PWW (White)	166.00	535882
WN900-PBD (Dark Gray)	166.00	535355
WN900-PSG (Gray)	166.00	535881
WN900-PGG (Green)	166.00	535884
WN900-PBB (Black)	166.00	535885
WN900-PSA (Sand)	166.00	535886
WN900-PBR (Brick Red)	166.00	535887
Plastic Perforated		
WN900-PPG (Gray)	166.00	521983
WN900-PPW (White)	166.00	535888
Stainless Steel		
WN900-COS2	978.00	481741
WN900-COS4	1,956.00	481743
WN900-SAL	Contact Factory	
WN900-SBS	1,078.00	488903
WN900-SCS	875.00	488910
WN900-SDS	229.00	488927
WN900-SES2	978.00	488952
WN900-SES4	1,956.00	488954
WN900-SFS	439.00	488934
WN900-SHS	439.00	488930
WN900-SMS	229.00	488900
WN900-SNS	439.00	488901
WN900-SPS	229.00	488941
WN900-SRS	439.00	488958
WN900-SSS	1,078.00	488965
WN900-SZS	P.O.A.	488972
WN900-SPP	504.00	463309
WN900-SPG	645.00	463310
WN900-SQS	229.00	488929
WN900-DDS	P.O.A.	488187

GRATES with FRAMES		
(HDPE Trench Only) Ductile Iron (Class F)		
WN900-XLP	328.00	535900
WN900-XLG	372.00	535901
WN900-XLPC	350.00	535902
WN900-XLGC	393.00	535903

Hydro-Track (HDPE)		
TRENCH SECTIONS		
WN-097N	323.00	474388
WN-100N	323.00	474425
WN-103N	323.00	474463
WN-106N	323.00	474500

RADIUS COUPLINGS		
Standard w/ Grate (No-Slot)		
WT-097RC	52.00	474389
WT-100RC	52.00	474426
WT-103RC	52.00	474426
WT-106RC	52.00	474501

GRATES FOR RADIUS COUPLINGS		
(6" Wide HDPE)		
Ductile Iron		
900-RCXP	16.00	474907
900-RCXG	31.00	474912
Plastic Slotted		
900-RCW (White)	16.00	474900
900-RCD (Dark Gray)	16.00	474901
900-RCG (Gray)	16.00	474902
900-RCT (Green)	16.00	474903
900-RCB (Black)	16.00	474904
900-RCS (Sand)	16.00	474905
900-RCR (Brick Red)	16.00	474906
Stainless Steel (Perforated)		
900-RCP	59.00	474908
Ductile Iron w/ Stainless Steel Veneer		
900-RCXSP (Painted)	36.00	474910
900-RCXSG (Galv.)	45.00	474911

TRENCH SECTIONS (6" Wide HDPE Channel)		
(Less Grates)		
WN-090N	324.00	474289
WN-091	324.00	474296
WN-091N	324.00	474302
WN-092	324.00	474319
WN-093	324.00	474326
WN-094	324.00	474333
WN-094N	324.00	474340
WN-095	324.00	474357
WN-096	324.00	474364
WN-097	324.00	474371
WN-097N	324.00	474388
WN-098	324.00	474395
WN-099	324.00	474401
WN-100	324.00	474418
WN-100N	324.00	474425
WN-101	324.00	474432
WN-102	324.00	474449
WN-103	324.00	474456
WN-103N	324.00	474463
WN-104	324.00	474470
WN-105	324.00	474487
WN-106	324.00	474494
WN-106N	324.00	474500
WN-107	324.00	474517
WN-108	324.00	474524
WN-109	324.00	474531
WN-109N	324.00	474548
WN-110	324.00	474555
WN-111	324.00	474562
WN-112	324.00	474579
WN-112N	324.00	474586
WN-113	324.00	474593
WN-114	324.00	474609

CATCH BASIN (6" Wide HDPE) Less Grates		
WN-940	1,294.00	474678

CATCH BASIN ACCESSORIES (6" Wide HDPE)		
WN-OUO (3-4 Offset Outlet)	32.00	489092
WN-SUO (3-4 Straight Outlet)	32.00	486282
WN-UO6 (6" Straight Outlet)	32.00	489105
WN-UO8 (8" Straight Outlet)	32.00	489115
WN-GTB (Trash Basket)	241.00	489122
WN-UCP (Adapter Plug)	38.00	474265

FRAMES (6" Wide HDPE Channel & Catch Basins)		
Ductile Iron		
WN-900-DLP	133.00	463306
WN-900-DLG	187.00	489139
WN-900-DLPC (Cap One End)	162.00	463406
WN-900-DLGC (Cap One End)	208.00	489239
Ductile Iron w/ Stainless Steel Veneer		
WN-900-DPS	213.00	463307
WN-900-DGS	252.00	463308
WN-900-DPSC (Cap One End)	240.00	463407
WN-900-DGSC (Cap One End)	281.00	463408
Carbon Steel (Painted)		
WN-940-CLP2	284.00	489146
WN-900-CLP4	567.00	489184
WN-940-CLP2C (Cap One End)	312.00	489246
WN-900-CLP4C (Cap One End)	594.00	489284
Carbon Steel (Galvanized)		
WN-940-CLG2	386.00	489153
WN-900-CLG4	770.00	489191
WN-940-CLG2C (Cap One End)	414.00	489253
WN-900-CLG4C (Cap One End)	770.00	489291
Stainless Steel w/ Anchors		
WN-940-SLS2	509.00	489160
WN-900-SLS4	1017.00	489207
WN-940-SLSC2 (Cap One End)	538.00	489260
WN-900-SLSC4 (Cap One End)	826.00	489307
Stainless Steel Frames Less Anchors		
WN-940-SS2	133.00	489177
WN-900-SS4	264.00	489214
WN-940-SSC2 (Cap One End)	164.00	489277
WN-900-SSC4 (Cap One End)	296.00	489414

OUTLET ADAPTERS		
WN-900-PA42	41.00	489221
WN-900-PA43	41.00	489238
WN-900-PA44	41.00	489245
WN-900-PA64	41.00	489252
WN-900-NH42	41.00	489269
WN-900-NH43	41.00	489276
WN-900-NH44	41.00	495680
WN-900-NH64	41.00	489283

END PLATE (6" Wide HDPE)		
WN-900-UEP	83.00	474647

END PLATE W/ SIDE OUTLET (6" Wide HDPE)		
WN-900-USP	153.00	474661

Ordering Guide 6" Wide Modular Trench Drainage System

REPLACEMENT GRATE LOCK (w/ Screw) (6" Wide HDPE)

WN-GL	32.00	522256

TRENCH SECTIONS (Carbon Steel / ArmorClad) Flat Slopped Bottom (Less Grates)

WP2930CS-FB-AA	1,380.00	219501
WP2930CS-FB-AB	1,380.00	219502
WP2930CS-FB-BC	1,380.00	219503
WP2930CS-FB-CC	1,380.00	219504
WP2930CS-FB-CD	1,380.00	219505
WP2930CS-FB-DE	1,380.00	219506
WP2930CS-FB-EE	1,380.00	219508
WP2930CS-FB-EF	1,380.00	219509
WP2930CS-FB-FG	1,380.00	219510
WP2930CS-FB-GG	1,380.00	219511
WP2930CS-FB-GH	1,380.00	219512
WP2930CS-FB-HI	1,380.00	219513
WP2930CS-FB-II	1,380.00	219518
WP2930CS-FB-IJ	1,380.00	219519
WP2930CS-FB-JK	1,380.00	219520
WP2930CS-FB-KK	1,380.00	219522
WP2930CS-FB-KL	1,380.00	219523
WP2930CS-FB-LM	1,380.00	219524
WP2930CS-FB-MM	1,380.00	219525
WP2930CS-FB-MN	1,380.00	219526
WP2930CS-FB-NO	1,380.00	219527
WP2930CS-FB-OO	1,380.00	219528
WP2930CS-FB-OP	1,380.00	219529
WP2930CS-FB-PQ	1,380.00	219530
WP2930CS-FB-QQ	1,380.00	219531
WP2930CS-FB-QR	1,380.00	219532
WP2930CS-FB-RS	1,380.00	219533
WP2930CS-FB-SS	1,380.00	219534
WP2930CS-FB-ST	1,380.00	219535
WP2930CS-FB-TU	1,380.00	219536
WP2930CS-FB-UU	1,380.00	219537
WP2930CS-FB-UV	1,380.00	219538
WP2930CS-FB-VW	1,380.00	219539

TRENCH SECTIONS (Carbon Steel / ArmorClad) Flat Slopped Bottom (Less Grates) w/ 4" NH Outlet

WP2930CS-FB-AB-4NH	1,458.00	219702
WP2930CS-FB-BC-4NH	1,458.00	219703
WP2930CS-FB-CC-4NH	1,458.00	219704
WP2930CS-FB-CD-4NH	1,458.00	219705
WP2930CS-FB-DE-4NH	1,458.00	219706
WP2930CS-FB-EE-4NH	1,458.00	219707
WP2930CS-FB-EF-4NH	1,458.00	219708
WP2930CS-FB-FG-4NH	1,458.00	219709
WP2930CS-FB-GG-4NH	1,458.00	219710
WP2930CS-FB-GH-4NH	1,458.00	219711
WP2930CS-FB-HI-4NH	1,458.00	219712
WP2930CS-FB-II-4NH	1,458.00	219713
WP2930CS-FB-IJ-4NH	1,458.00	219714
WP2930CS-FB-JK-4NH	1,458.00	219715
WP2930CS-FB-KK-4NH	1,458.00	219716
WP2930CS-FB-KL-4NH	1,458.00	219717
WP2930CS-FB-LM-4NH	1,458.00	219718
WP2930CS-FB-MM-4NH	1,458.00	219719
WP2930CS-FB-MN-4NH	1,458.00	219720
WP2930CS-FB-NO-4NH	1,458.00	219721
WP2930CS-FB-OO-4NH	1,458.00	219722
WP2930CS-FB-OP-4NH	1,458.00	219723
WP2930CS-FB-PQ-4NH	1,458.00	219724
WP2930CS-FB-QQ-4NH	1,458.00	219725
WP2930CS-FB-QR-4NH	1,458.00	219726
WP2930CS-FB-RS-4NH	1,458.00	219727
WP2930CS-FB-SS-4NH	1,458.00	219728
WP2930CS-FB-ST-4NH	1,458.00	219729
WP2930CS-FB-TU-4NH	1,458.00	219730
WP2930CS-FB-UU-4NH	1,458.00	219731
WP2930CS-FB-UV-4NH	1,458.00	219732
WP2930CS-FB-VW-4NH	1,458.00	219733

ENDPLATES Carbon Steel / (Flat Bottom Trench)

WP2930CS-FB-A-EP	78.00	291001
WP2930CS-FB-B-EP	78.00	291002
WP2930CS-FB-C-EP	78.00	291003
WP2930CS-FB-D-EP	78.00	291004
WP2930CS-FB-E-EP	78.00	291005
WP2930CS-FB-F-EP	78.00	291006
WP2930CS-FB-G-EP	78.00	291007
WP2930CS-FB-H-EP	78.00	291008
WP2930CS-FB-I-EP	78.00	291009
WP2930CS-FB-J-EP	78.00	291010
WP2930CS-FB-K-EP	78.00	291011
WP2930CS-FB-L-EP	78.00	291012
WP2930CS-FB-M-EP	78.00	291013
WP2930CS-FB-N-EP	78.00	291014
WP2930CS-FB-O-EP	78.00	291015
WP2930CS-FB-P-EP	78.00	291016
WP2930CS-FB-Q-EP	78.00	291017
WP2930CS-FB-R-EP	78.00	291018
WP2930CS-FB-S-EP	78.00	291019
WP2930CS-FB-T-EP	78.00	291020
WP2930CS-FB-U-EP	78.00	291021
WP2930CS-FB-V-EP	78.00	291022
WP2930CS-FB-W-EP	78.00	291023

SEDIMENT BUCKET (Fits Inside Outlet)

WP2930SS-FB-27/2IN	318.00	293027
WP2930SS-FB-27/3IN	318.00	293028
WP2930SS-FB-27/4IN	318.00	293029

REBAR ANCHOR CLIPS (Set of Four)

WP2930-AC	41.00	293060

CATCH BASINS (Carbon Steel / ArmorClad) for Flat Slopped Bottom Trench

WP2930CSB-FB	Contact Factory

CATCH BASIN SEDIMENT BUCKET

WP2930SSB-27	479.00	293050

TRENCH SECTIONS (Carbon Steel / ArmorClad) V Slopped Bottom (Less Grates)

WP2930CS-VB-AB	1,463.00	219602
WP2930CS-VB-BC	1,463.00	219603
WP2930CS-VB-CC	1,463.00	219604
WP2930CS-VB-CD	1,463.00	219605
WP2930CS-VB-DE	1,463.00	219607
WP2930CS-VB-EE	1,463.00	219608
WP2930CS-VB-EF	1,463.00	219609
WP2930CS-VB-FG	1,463.00	219610
WP2930CS-VB-GG	1,463.00	219611
WP2930CS-VB-GH	1,463.00	219612
WP2930CS-VB-HI	1,463.00	219614
WP2930CS-VB-II	1,463.00	219618
WP2930CS-VB-IJ	1,463.00	219619
WP2930CS-VB-JK	1,463.00	219621
WP2930CS-VB-KK	1,463.00	219622
WP2930CS-VB-KL	1,463.00	219623
WP2930CS-VB-LM	1,463.00	219624
WP2930CS-VB-MM	1,463.00	219625
WP2930CS-VB-MN	1,463.00	219627
WP2930CS-VB-NO	1,463.00	219628
WP2930CS-VB-OO	1,463.00	219629
WP2930CS-VB-OP	1,463.00	219630
WP2930CS-VB-PQ	1,463.00	219631
WP2930CS-VB-QQ	1,463.00	219632
WP2930CS-VB-QR	1,463.00	219633
WP2930CS-VB-RS	1,463.00	219634
WP2930CS-VB-SS	1,463.00	219635
WP2930CS-VB-ST	1,463.00	219636
WP2930CS-VB-TU	1,463.00	219640
WP2930CS-VB-UU	1,463.00	219641
WP2930CS-VB-UV	1,463.00	219642
WP2930CS-VB-VW	1,463.00	219643

TRENCH SECTIONS (Carbon Steel / ArmorClad) V Slopped Bottom (Less Grates) w/ 4" NH Outlet

WP2930CS-VB-AB-4NH	1,541.00	219802
WP2930CS-VB-BC-4NH	1,541.00	219803
WP2930CS-VB-CC-4NH	1,541.00	219804
WP2930CS-VB-CD-4NH	1,541.00	219805
WP2930CS-VB-DE-4NH	1,541.00	219806
WP2930CS-VB-EE-4NH	1,541.00	219807
WP2930CS-VB-EF-4NH	1,541.00	219808
WP2930CS-VB-FG-4NH	1,541.00	219809
WP2930CS-VB-GG-4NH	1,541.00	219810
WP2930CS-VB-GH-4NH	1,541.00	219811
WP2930CS-VB-HI-4NH	1,541.00	219812
WP2930CS-VB-II-4NH	1,541.00	219813
WP2930CS-VB-IJ-4NH	1,541.00	219814
WP2930CS-VB-JK-4NH	1,541.00	219815
WP2930CS-VB-KK-4NH	1,541.00	219816
WP2930CS-VB-KL-4NH	1,541.00	219817
WP2930CS-VB-LM-4NH	1,541.00	219818
WP2930CS-VB-MM-4NH	1,541.00	219819
WP2930CS-VB-MN-4NH	1,541.00	219820
WP2930CS-VB-NO-4NH	1,541.00	219821
WP2930CS-VB-OO-4NH	1,541.00	219822
WP2930CS-VB-OP-4NH	1,541.00	219823
WP2930CS-VB-PQ-4NH	1,541.00	219824
WP2930CS-VB-QQ-4NH	1,541.00	219825
WP2930CS-VB-QR-4NH	1,541.00	219826
WP2930CS-VB-RS-4NH	1,541.00	219827
WP2930CS-VB-SS-4NH	1,541.00	219828
WP2930CS-VB-ST-4NH	1,541.00	219829
WP2930CS-VB-TU-4NH	1,541.00	219830
WP2930CS-VB-UU-4NH	1,541.00	219831
WP2930CS-VB-UV-4NH	1,541.00	219832
WP2930CS-VB-VW-4NH	1,541.00	219833

ENDPLATES (V Bottom Trench) Carbon Steel / ArmorClad

WP2930CS-VB-A-EP	78.00	292001
WP2930CS-VB-B-EP	78.00	292002
WP2930CS-VB-C-EP	78.00	292003
WP2930CS-VB-D-EP	78.00	292004
WP2930CS-VB-E-EP	78.00	292005
WP2930CS-VB-F-EP	78.00	292006
WP2930CS-VB-G-EP	78.00	292007
WP2930CS-VB-H-EP	78.00	292008
WP2930CS-VB-I-EP	78.00	292009
WP2930CS-VB-J-EP	78.00	292010
WP2930CS-VB-K-EP	78.00	292011
WP2930CS-VB-L-EP	78.00	292012
WP2930CS-VB-M-EP	78.00	292013
WP2930CS-VB-N-EP	78.00	292014
WP2930CS-VB-O-EP	78.00	292015
WP2930CS-VB-P-EP	78.00	292016
WP2930CS-VB-Q-EP	78.00	292017
WP2930CS-VB-R-EP	78.00	292018
WP2930CS-VB-S-EP	78.00	292019
WP2930CS-VB-T-EP	78.00	292020
WP2930CS-VB-U-EP	78.00	292021
WP2930CS-VB-V-EP	78.00	292022
WP2930CS-VB-W-EP	78.00	292023

SEDIMENT BUCKET (Fits Inside Outlet)

WP2930SS-VB-27/2IN	318.00	293032
WP2930SS-VB-27/3IN	318.00	293033
WP2930SS-VB-27/4IN	318.00	293034

Ordering Guide 6" Wide Modular Trench Drainage System

REBAR ANCHOR CLIPS (Set of Four)		
WP2930-AC	41.00	293060
CATCH BASINS (Carbon Steel / ArmorClad) for V Slopped Bottom Trench		
WP2930CSB-VB	Contact Factory	
CATCH BASIN SEDIMENT BUCKET		
WP2930SSB-27	479.00	293050
TRENCH SECTIONS (Stainless Steel) Flat Slopped Bottom (Less Grates)		
WP2930SS-FB-A	2,001.00	293002
WP2930SS-FB-BC	2,001.00	293003
WP2930SS-FB-CC	2,001.00	293004
WP2930SS-FB-CD	2,001.00	293005
WP2930SS-FB-DE	2,001.00	293006
WP2930SS-FB-EE	2,001.00	293206
WP2930SS-FB-EF	2,001.00	293007
WP2930SS-FB-FG	2,001.00	293008
WP2930SS-FB-GG	2,001.00	293208
WP2930SS-FB-GH	2,001.00	293009
WP2930SS-FB-HI	2,001.00	293010
WP2930SS-FB-II	2,001.00	293210
WP2930SS-FB-IJ	2,001.00	293011
WP2930SS-FB-JK	2,001.00	293012
WP2930SS-FB-KK	2,001.00	293212
WP2930SS-FB-KL	2,001.00	293013
WP2930SS-FB-LM	2,001.00	293014
WP2930SS-FB-MM	2,001.00	293214
WP2930SS-FB-MN	2,001.00	293015
WP2930SS-FB-NO	2,001.00	293016
WP2930SS-FB-OO	2,001.00	293216
WP2930SS-FB-OP	2,001.00	293017
WP2930SS-FB-PQ	2,001.00	293018
WP2930SS-FB-QQ	2,001.00	293218
WP2930SS-FB-QR	2,001.00	293019
WP2930SS-FB-RS	2,001.00	293020
WP2930SS-FB-SS	2,001.00	293220
WP2930SS-FB-ST	2,001.00	293021
WP2930SS-FB-TU	2,001.00	293022
WP2930SS-FB-UU	2,001.00	293222
WP2930SS-FB-UV	2,001.00	293023
WP2930SS-FB-VW	2,001.00	293024
TRENCH SECTIONS (Stainless Steel) Flat Slopped Bottom (Less Grates) w/ 4" NH Outlet		
WP2930SS-FB-AB-4NH	2,084.00	294002
WP2930SS-FB-BC-4NH	2,084.00	294003
WP2930SS-FB-CC-4NH	2,084.00	294004
WP2930SS-FB-CD-4NH	2,084.00	294005
WP2930SS-FB-DE-4NH	2,084.00	294006
WP2930SS-FB-EE-4NH	2,084.00	294206
WP2930SS-FB-EF-4NH	2,084.00	294007
WP2930SS-FB-FG-4NH	2,084.00	294008
WP2930SS-FB-GG-4NH	2,084.00	294208
WP2930SS-FB-GH-4NH	2,084.00	294009
WP2930SS-FB-HI-4NH	2,084.00	294010
WP2930SS-FB-II-4NH	2,084.00	294210
WP2930SS-FB-IJ-4NH	2,084.00	294011
WP2930SS-FB-JK-4NH	2,084.00	294012
WP2930SS-FB-KK-4NH	2,084.00	294212
WP2930SS-FB-KL-4NH	2,084.00	294013
WP2930SS-FB-LM-4NH	2,084.00	294014
WP2930SS-FB-MM-4NH	2,084.00	294214
WP2930SS-FB-MN-4NH	2,084.00	294015
WP2930SS-FB-NO-4NH	2,084.00	294016
WP2930SS-FB-OO-4NH	2,084.00	294216
WP2930SS-FB-OP-4NH	2,084.00	294017
WP2930SS-FB-PQ-4NH	2,084.00	294018
WP2930SS-FB-QQ-4NH	2,084.00	294218
WP2930SS-FB-QR-4NH	2,084.00	294019
WP2930SS-FB-RS-4NH	2,084.00	294020
WP2930SS-FB-SS-4NH	2,084.00	294220
WP2930SS-FB-ST-4NH	2,084.00	294021
WP2930SS-FB-TU-4NH	2,084.00	294022
WP2930SS-FB-UU-4NH	2,084.00	294222
WP2930SS-FB-UV-4NH	2,084.00	294023
WP2930SS-FB-VW-4NH	2,084.00	294024
ENDPLATES (Flat Bottom Trench) Stainless Steel		
WP2930SS-FB-A-EP	479.00	290101
WP2930SS-FB-B-EP	479.00	290102
WP2930SS-FB-C-EP	479.00	290103
WP2930SS-FB-D-EP	479.00	290104
WP2930SS-FB-E-EP	479.00	290105
WP2930SS-FB-F-EP	479.00	290106
WP2930SS-FB-G-EP	479.00	290107
WP2930SS-FB-H-EP	479.00	290108
WP2930SS-FB-I-EP	479.00	290109
WP2930SS-FB-J-EP	479.00	290110
WP2930SS-FB-K-EP	479.00	290111
WP2930SS-FB-L-EP	479.00	290115
WP2930SS-FB-M-EP	479.00	290116
WP2930SS-FB-N-EP	479.00	290117
WP2930SS-FB-O-EP	479.00	290118
WP2930SS-FB-P-EP	479.00	290119
WP2930SS-FB-Q-EP	479.00	290120
WP2930SS-FB-R-EP	479.00	290121
WP2930SS-FB-S-EP	479.00	290122
WP2930SS-FB-T-EP	479.00	290123
WP2930SS-FB-U-EP	479.00	290124
WP2930SS-FB-V-EP	479.00	290125
WP2930SS-FB-W-EP	479.00	290126
SEDIMENT CUP (Fits Inside Outlet)		
WP2930SS-FB-27/2IN	318.00	293027
WP2930SS-FB-27/3IN	318.00	293028
WP2930SS-FB-27/4IN	318.00	293029
REBAR ANCHOR CLIPS (Set of Four)		
WP2930-AC	41.00	293060
CATCH BASINS (Stainless Steel) for Flat Slopped Bottom Trench		
WP2930SS-CB-FB	Contact Factory	
CATCH BASIN SEDIMENT BUCKET		
WP2930SSB-27	479.00	293050
TRENCH SECTIONS (Stainless Steel) V Slopped Bottom (Less Grate)		
WP2930SS-VB-AB	2,001.00	290202
WP2930SS-VB-BC	2,001.00	290203
WP2930SS-VB-CC	2,001.00	290204
WP2930SS-VB-CD	2,001.00	290205
WP2930SS-VB-DE	2,001.00	290206
WP2930SS-VB-EE	2,001.00	290207
WP2930SS-VB-EF	2,001.00	290208
WP2930SS-VB-FG	2,001.00	290209
WP2930SS-VB-GG	2,001.00	290210
WP2930SS-VB-GH	2,001.00	290211
WP2930SS-VB-HI	2,001.00	290212
WP2930SS-VB-II	2,001.00	290213
WP2930SS-VB-IJ	2,001.00	290214
WP2930SS-VB-JK	2,001.00	290215
WP2930SS-VB-KK	2,001.00	290216
WP2930SS-VB-KL	2,001.00	290217
WP2930SS-VB-LM	2,001.00	290218
WP2930SS-VB-MM	2,001.00	290219
WP2930SS-VB-MN	2,001.00	290220
WP2930SS-VB-NO	2,001.00	290221
WP2930SS-VB-OO	2,001.00	290222
WP2930SS-VB-OP	2,001.00	290223
WP2930SS-VB-PQ	2,001.00	290225
WP2930SS-VB-QQ	2,001.00	290226
WP2930SS-VB-QR	2,001.00	290227
WP2930SS-VB-RS	2,001.00	290228
WP2930SS-VB-SS	2,001.00	290229
WP2930SS-VB-ST	2,001.00	290230
WP2930SS-VB-TU	2,001.00	290231
WP2930SS-VB-UU	2,001.00	290232
WP2930SS-VB-UV	2,001.00	290233
WP2930SS-VB-VW	2,001.00	290234
TRENCH SECTIONS (Stainless Steel) V Slopped Bottom (Less Grate) w/ 4" NH Outlet		
WP2930SS-VB-AB-4NH	2,084.00	294502
WP2930SS-VB-BC-4NH	2,084.00	294503
WP2930SS-VB-CC-4NH	2,084.00	294504
WP2930SS-VB-CD-4NH	2,084.00	294505
WP2930SS-VB-DE-4NH	2,084.00	294506
WP2930SS-VB-EE-4NH	2,084.00	294507
WP2930SS-VB-EF-4NH	2,084.00	294508
WP2930SS-VB-FG-4NH	2,084.00	294509
WP2930SS-VB-GG-4NH	2,084.00	294510
WP2930SS-VB-GH-4NH	2,084.00	294511
WP2930SS-VB-HI-4NH	2,084.00	294512
WP2930SS-VB-II-4NH	2,084.00	294513
WP2930SS-VB-IJ-4NH	2,084.00	294514
WP2930SS-VB-JK-4NH	2,084.00	294515
WP2930SS-VB-KK-4NH	2,084.00	294516
WP2930SS-VB-KL-4NH	2,084.00	294517
WP2930SS-VB-LM-4NH	2,084.00	294518
WP2930SS-VB-MM-4NH	2,084.00	294519
WP2930SS-VB-MN-4NH	2,084.00	294520
WP2930SS-VB-NO-4NH	2,084.00	294521
WP2930SS-VB-OO-4NH	2,084.00	294522
WP2930SS-VB-OP-4NH	2,084.00	294523
WP2930SS-VB-PQ-4NH	2,084.00	294524
WP2930SS-VB-QQ-4NH	2,084.00	294525
WP2930SS-VB-QR-4NH	2,084.00	294526
WP2930SS-VB-RS-4NH	2,084.00	294527
WP2930SS-VB-SS-4NH	2,084.00	294528
WP2930SS-VB-ST-4NH	2,084.00	294529
WP2930SS-VB-TU-4NH	2,084.00	294530
WP2930SS-VB-UU-4NH	2,084.00	294531
WP2930SS-VB-UV-4NH	2,084.00	294532
WP2930SS-VB-VW-4NH	2,084.00	294533
ENDPLATES (Stainless Steel) V Bottom Trench		
WP2930SS-VB-A-EP	479.00	290401
WP2930SS-VB-B-EP	479.00	290402
WP2930SS-VB-C-EP	479.00	290403
WP2930SS-VB-D-EP	479.00	290404
WP2930SS-VB-E-EP	479.00	290405
WP2930SS-VB-F-EP	479.00	290406
WP2930SS-VB-G-EP	479.00	290407
WP2930SS-VB-H-EP	479.00	290408
WP2930SS-VB-I-EPI	479.00	290409
WP2930SS-VB-J-EP	479.00	290410
WP2930SS-VB-K-EP	479.00	290411
WP2930SS-VB-L-EP	479.00	290412
WP2930SS-VB-M-EP	479.00	290413
WP2930SS-VB-N-EP	479.00	290414
WP2930SS-VB-O-EP	479.00	290415
WP2930SS-VB-P-EP	479.00	290416
WP2930SS-VB-Q-EP	479.00	290417
WP2930SS-VB-R-EP	479.00	290418
WP2930SS-VB-S-EP	479.00	290419
WP2930SS-VB-T-EP	479.00	290420
WP2930SS-VB-U-EP	479.00	290421
WP2930SS-VB-V-EP	479.00	290422
WP2930SS-VB-W-EP	479.00	290423

SEDIMENT Cup (Fits Inside Outlet)

WP2930SS-VB-27/2IN	318.00	293032
WP2930SS-VB-27/3IN	318.00	293033
WP2930SS-VB-27/4IN	318.00	293034

REBAR ANCHOR CLIPS (Set of Four)

WP2930-AC	41.00	293060

CATCH BASINS (Stainless Steel) for V Slopped Bottom Trench

WP2930SSB-VB	Contact Factory	

CATCH BASIN SEDIMENT BUCKET

WP2930SSB-27	479.00	293050

MISCELLANEOUS HARDWARE & REPLACEMENT PARTS

End Cap Securing Screws
Hardware Bag (12) (Cross Recess—Phillips)
6 x 3/4

WN-ECS Hardware Bag (12)	$14.00	486299

Grate Lock w/ Screw Replacement Part (1)

WN-GL	32.00	522256

Grate Securing Screws
Hardware Bag (12) (Cross Recess - Phillips)
1/4-20 x 1-1/2

WN-GSP	30.00	486400

Grate in DL Frame Securing Screws
Hardware Bag (4) (Cross Recess - Phillips)
1/4-20 x 2-1/2

WN-GFSP42.00	60.00	489351

Grate Securing Screws
Hardware Bag (2) (Hex Key - Allen)
1/4-20 x 1-1/2

WN-GSA Hardware Bag (2)	30.00	489368

Grate in DL Frame Securing Screws
(Hex Key—Allen) 1/4-20 x 2-1/2

WN-GFSA	9.00	489344

Grate High Security Screws
Hardware Bag (2) (Hex Key—Pin Allen) 1/4-20 x 1-1/2

WN-GSAP	14.00	486600

Grate in DL Frame High Security Screws
Hardware Bag (2) (Hex Key—Pin Allen) 1/4-20 x 2-1/2

WN-GFSAP	32.00	486601

Grate Securing Screws (-VP)
Hardware Bag (2) Hex Key—Allen 1/4-20 x 2-1/2

WN-VPFA	9.00	489344

Grate Securing Screws (-VP)
Hardware Bag (4) Hex Key - Allen 1/4-20 x 2-1/2

WN-VPFS	60.00	489337

Grate Securing Screws (-HS)
Hardware Bag (2) Hex Key - Pin Allen 1/4-20 x 1-1/2

WN-VPA	30.00	489368

Grate Securing Screws (-VP)
Hardware Bag (4) Hex Key - Allen 1/4-20 x 1-1/2

WN-VPS	60.00	489351

Tools

Hex Key - Allen Style for 1/4-20 Screws - 5/32” (Regular)

MD-1504A9.20	17.00	444084

Hex Key - Pin Allen Style for 1/4-20 Screws - 5/32” (Pin Style)

MD-1503PA	18.00	230434

Ordering Guide 12" Wide Modular Trench Drainage System

GRATES (12" Wide)
Carbon Steel (Galvanized)

991-CSG	252.00	296104
991-FPG	252.00	296204

Ductile Iron

991-HDP	182.00	294124
991-HDG	557.00	294324
991-DMP	303.00	000281
991-DMG	451.00	000000

Stainless Steel

991-SQS	395.00	294304
991-SBS	1,417.00	294404
991-SDS	395.00	294604
991-SFS	1,185.00	294704
991-SHS	1,893.00	294804
991-SPS	395.00	294904
991-SRS	1,185.00	295104
991-SWS	P.O.A.	295404

Ductile Iron w/ Stainless Steel Veneer

991-SDP	971.00	296877
991-SDG	1,342.00	296879
991-SPP (Heel Proof)	1,342.00	296879
991-SPG (Heel Proof)	1,342.00	296880

TRENCH SECTIONS (Carbon Steel / Armor Coat)
Flat Slopped Bottom (Less Grates)

WP2940CS-FB-AB	1,705.00	301002
WP2940CS-FB-BC	1,705.00	301003
WP2940CS-FB-CC	1,705.00	301005
WP2940CS-FB-CD	1,705.00	301006
WP2940CS-FB-DE	1,705.00	301007
WP2940CS-FB-EE	1,705.00	301008
WP2940CS-FB-EF	1,705.00	301009
WP2940CS-FB-FG	1,705.00	301010
WP2940CS-FB-GG	1,705.00	301011
WP2940CS-FB-GH	1,705.00	301012
WP2940CS-FB-HI	1,705.00	301013
WP2940CS-FB-II	1,705.00	301014
WP2940CS-FB-IJ	1,705.00	301015
WP2940CS-FB-JK	1,705.00	301016
WP2940CS-FB-KK	1,705.00	301017
WP2940CS-FB-KL	1,705.00	301018
WP2940CS-FB-LM	1,705.00	301019
WP2940CS-FB-MM	1,705.00	301020
WP2940CS-FB-MN	1,705.00	301021
WP2940CS-FB-NO	1,705.00	301022
WP2940CS-FB-OO	1,705.00	301023
WP2940CS-FB-OP	1,705.00	301024
WP2940CS-FB-PQ	1,705.00	301025
WP2940CS-FB-QQ	1,705.00	301026
WP2940CS-FB-QR	1,705.00	301027
WP2940CS-FB-RS	1,705.00	301028
WP2940CS-FB-SS	1,705.00	301029
WP2940CS-FB-ST	1,705.00	301030
WP2940CS-FB-TU	1,705.00	301031
WP2940CS-FB-UU	1,705.00	301032
WP2940CS-FB-UV	1,705.00	301033
WP2940CS-FB-VW	1,705.00	301034

TRENCH SECTIONS (Carbon Steel / Armor Coat)
Flat Slopped Bottom (Less Grates)

WP2940CS-FB-AB-6NH	1,793.00	302002
WP2940CS-FB-BC-6NH	1,793.00	302003
WP2940CS-FB-CC-6NH	1,793.00	302004
WP2940CS-FB-CD-6NH	1,793.00	302005
WP2940CS-FB-DE-6NH	1,793.00	302006
WP2940CS-FB-EE-6NH	1,793.00	302007
WP2940CS-FB-EF-6NH	1,793.00	302008
WP2940CS-FB-FG-6NH	1,793.00	302009
WP2940CS-FB-GG-6NH	1,793.00	302010
WP2940CS-FB-GH-6NH	1,793.00	302011
WP2940CS-FB-HI-6NH	1,793.00	302012
WP2940CS-FB-II-6NH	1,793.00	302013
WP2940CS-FB-IJ-6NH	1,793.00	302014
WP2940CS-FB-JK-6NH	1,793.00	302015
WP2940CS-FB-KK-6NH	1,793.00	302016
WP2940CS-FB-KL-6NH	1,793.00	302017
WP2940CS-FB-LM-6NH	1,793.00	302019
WP2940CS-FB-MM-6NH	1,793.00	302020
WP2940CS-FB-MN-6NH	1,793.00	302021
WP2940CS-FB-NO-6NH	1,793.00	302022
WP2940CS-FB-OO-6NH	1,793.00	302023
WP2940CS-FB-OP-6NH	1,793.00	302024
WP2940CS-FB-PQ-6NH	1,793.00	302026
WP2940CS-FB-QQ-6NH	1,793.00	302027
WP2940CS-FB-QR-6NH	1,793.00	302028
WP2940CS-FB-RS-6NH	1,793.00	302029
WP2940CS-FB-SS-6NH	1,793.00	302030
WP2940CS-FB-ST-6NH	1,793.00	302031
WP2940CS-FB-TU-6NH	1,793.00	302033
WP2940CS-FB-UU-6NH	1,793.00	302035
WP2940CS-FB-UV-6NH	1,793.00	302036
WP2940CS-FB-VW-6NH	1,793.00	302037

ENDPLATES (Carbon Steel / Armor Coat)
Flat Bottom Trench

WP2940CS-FB-A-EP	93.00	291301
WP2940CS-FB-B-EP	93.00	291302
WP2940CS-FB-C-EP	93.00	291303
WP2940CS-FB-D-EP	93.00	291304
WP2940CS-FB-E-EP	93.00	291305
WP2940CS-FB-F-EP	93.00	291306
WP2940CS-FB-G-EP	93.00	291307
WP2940CS-FB-H-EP	93.00	291308
WP2940CS-FB-I-EPI	93.00	291309
WP2940CS-FB-J-EP	93.00	291310
WP2940CS-FB-K-EP	93.00	291311
WP2940CS-FB-L-EP	93.00	291312
WP2940CS-FB-M-EP	93.00	291313
WP2940CS-FB-N-EP	93.00	291314
WP2940CS-FB-O-EP	93.00	291315
WP2940CS-FB-P-EP	93.00	291316
WP2940CS-FB-Q-EP	93.00	291317
WP2940CS-FB-R-EP	93.00	291318
WP2940CS-FB-S-EP	93.00	291319
WP2940CS-FB-T-EP	93.00	291320
WP2940CS-FB-U-EP	93.00	291321
WP2940CS-FB-V-EP	93.00	291322
WP2940CS-FB-W-EP	93.00	291323

SEDIMENT CUP (Fits Inside Outlet)

WP2930SS-FB-27/3IN	318.00	293028
WP2930SS-FB-27/4IN	318.00	293029
WP2940SS-FB-27/6IN	318.00	293046

REBAR ANCHOR CLIPS (Set of Four)

WP2930-AC	41.00	293060

CATCH BASINS (Carbon Steel / ArmorClad) for Flat Slopped Bottom Trench

WP2940CSB-FB	Contact Factory
WP2940CSC-FB	Contact Factory

CATCH BASIN SEDIMENT BUCKET

WP2940SSB-27	609.00	293040

TRENCH SECTIONS - Stainless Steel
Flat Slopped Bottom (Less Grate)

WP2940SS-FB-AA	5,393.00	295001
WP2940SS-FB-AB	5,393.00	295002
WP2940SS-FB-BC	5,393.00	295003
WP2940SS-FB-CC	5,393.00	295004
WP2940SS-FB-CD	5,393.00	295005
WP2940SS-FB-DE	5,393.00	295006
WP2940SS-FB-EE	5,393.00	295013
WP2940SS-FB-EF	5,393.00	295007
WP2940SS-FB-FG	5,393.00	295008
WP2940SS-FB-GG	5,393.00	295040
WP2940SS-FB-GH	5,393.00	295009
WP2940SS-FB-HI	5,393.00	295010
WP2940SS-FB-II	5,393.00	295011
WP2940SS-FB-IJ	5,393.00	295012
WP2940SS-FB-JK	5,393.00	295014
WP2940SS-FB-KK	5,393.00	295015
WP2940SS-FB-KL	5,393.00	295016
WP2940SS-FB-LM	5,393.00	295017
WP2940SS-FB-MM	5,393.00	295018
WP2940SS-FB-MN	5,393.00	295019
WP2940SS-FB-NO	5,393.00	295020
WP2940SS-FB-OO	5,393.00	295021
WP2940SS-FB-OP	5,393.00	295022
WP2940SS-FB-PQ	5,393.00	295023
WP2940SS-FB-QQ	5,393.00	295024
WP2940SS-FB-QR	5,393.00	295025
WP2940SS-FB-RS	5,393.00	295026
WP2940SS-FB-SS	5,393.00	295027
WP2940SS-FB-ST	5,393.00	295028
WP2940SS-FB-TU	5,393.00	295029
WP2940SS-FB-UU	5,393.00	295030
WP2940SS-FB-UV	5,393.00	295031
WP2940SS-FB-VW	5,393.00	295032

TRENCH SECTIONS (Stainless Steel)
Flat Slopped Bottom (Less Grate)

WP2940SS-FB-AA-6NH	5,577.00	296001
WP2940SS-FB-AB-6NH	5,577.00	296002
WP2940SS-FB-BC-6NH	5,577.00	296003
WP2940SS-FB-CC-6NH	5,577.00	296004
WP2940SS-FB-CD-6NH	5,577.00	296005
WP2940SS-FB-DE-6NH	5,577.00	296006
WP2940SS-FB-EF-6NH	5,577.00	296007
WP2940SS-FB-FG-6NH	5,577.00	296008
WP2940SS-FB-GH-6NH	5,577.00	296009
WP2940SS-FB-HI-6NH	5,577.00	296010
WP2940SS-FB-IJ-6NH	5,577.00	296011
WP2940SS-FB-JK-6NH	5,577.00	296012
WP2940SS-FB-KK-6NH	5,577.00	296013
WP2940SS-FB-KL-6NH	5,577.00	296014
WP2940SS-FB-LM-6NH	5,577.00	296015
WP2940SS-FB-MM-6NH	5,577.00	296016
WP2940SS-FB-MN-6NH	5,577.00	296017
WP2940SS-FB-NO-6NH	5,577.00	296018
WP2940SS-FB-OO-6NH	5,577.00	296019
WP2940SS-FB-OP-6NH	5,577.00	296020
WP2940SS-FB-PQ-6NH	5,577.00	296021
WP2940SS-FB-QQ-6NH	5,577.00	296022
WP2940SS-FB-QR-6NH	5,577.00	296023
WP2940SS-FB-RS-6NH	5,577.00	296024
WP2940SS-FB-SS-6NH	5,577.00	296025
WP2940SS-FB-ST-6NH	5,577.00	296026
WP2940SS-FB-TU-6NH	5,577.00	296027
WP2940SS-FB-UU-6NH	5,577.00	296028
WP2940SS-FB-UV-6NH	5,577.00	296029
WP2940SS-FB-VW-6NH	5,577.00	296030

ENDPLATES (Stainless Steel)
Flat Bottom Trench

WP2940SS-FB-A-EP	479.00	290301
WP2940SS-FB-B-EP	479.00	290302
WP2940SS-FB-C-EP	479.00	290303
WP2940SS-FB-D-EP	479.00	290304
WP2940SS-FB-E-EP	479.00	290305
WP2940SS-FB-F-EP	479.00	290306
WP2940SS-FB-G-EP	479.00	290307
WP2940SS-FB-H-EP	479.00	290308
WP2940SS-FB-I-EP	479.00	290309
WP2940SS-FB-J-EP	479.00	290310

WP2940SS-FB-K-EP	479.00	290311
WP2940SS-FB-L-EP	479.00	290312
WP2940SS-FB-M-EP	479.00	290313
WP2940SS-FB-N-EP	479.00	290314
WP2940SS-FB-O-EP	479.00	290315
WP2940SS-FB-P-EP	479.00	290316
WP2940SS-FB-Q-EP	479.00	290317
WP2940SS-FB-R-EP	479.00	290318
WP2940SS-FB-S-EP	479.00	290319
WP2940SS-FB-T-EP	479.00	290320
WP2940SS-FB-U-EP	479.00	290321
WP2940SS-FB-V-EP	479.00	290322
WP2940SS-FB-W-EP	479.00	290323

SEDIMENT Cup (Fits Inside Outlet)

WP2930SS-FB-27/3IN	318.00	293028
WP2930SS-FB-27/4IN	318.00	293029
WP2940SS-FB-27/6IN	318.00	293046

REBAR ANCHOR CLIPS (Set of Four)

WP2930-AC	41.00	293060

CATCH BASINS (Carbon Steel / ArmorClad)
for V Slopped Bottom Trench

WP2940CSB-VB	Contact Factory
WP2940CSC-VB	Contact Factory

CATCH BASIN SEDIMENT BUCKET

WP2940SSB-27	609.00	293040

For Grates and Accessories See Page 76-77

TRENCH SECTIONS - Carbon Steel
V Slopped Bottom (Less Grates)

WP2940CS-VB-AA	1,950.00	299001
WP2940CS-VB-AB	1,950.00	299002
WP2940CS-VB-BC	1,950.00	299003
WP2940CS-VB-CC	1,950.00	299005
WP2940CS-VB-CD	1,950.00	299006
WP2940CS-VB-DE	1,950.00	299007
WP2940CS-VB-EE	1,950.00	299008
WP2940CS-VB-EF	1,950.00	299009
WP2940CS-VB-FG	1,950.00	299010
WP2940CS-VB-GG	1,950.00	299012
WP2940CS-VB-GH	1,950.00	299013
WP2940CS-VB-HI	1,950.00	299014
WP2940CS-VB-II	1,950.00	299015
WP2940CS-VB-IJ	1,950.00	299016
WP2940CS-VB-JK	1,950.00	299017
WP2940CS-VB-KK	1,950.00	299018
WP2940CS-VB-KL	1,950.00	299019
WP2940CS-VB-LM	1,950.00	299020
WP2940CS-VB-MM	1,950.00	299021
WP2940CS-VB-MN	1,950.00	299022
WP2940CS-VB-NO	1,950.00	299023
WP2940CS-VB-OO	1,950.00	299024
WP2940CS-VB-OP	1,950.00	299025
WP2940CS-VB-PQ	1,950.00	299026
WP2940CS-VB-QQ	1,950.00	299027
WP2940CS-VB-QR	1,950.00	299031
WP2940CS-VB-RS	1,950.00	299032
WP2940CS-VB-SS	1,950.00	299033
WP2940CS-VB-ST	1,950.00	299034
WP2940CS-VB-TU	1,950.00	299036
WP2940CS-VB-UU	1,950.00	299037
WP2940CS-VB-UV	1,950.00	299038
WP2940CS-VB-VW	1,950.00	299039

TRENCH SECTIONS (Stainless Steel)
V Slopped Bottom (w/ 6" NH Outlet)

WP2940CS-VB-AB-6NH	2,040.00	290003
WP2940CS-VB-BC-6NH	2,040.00	290004
WP2940CS-VB-CC-6NH	2,040.00	290005
WP2940CS-VB-CD-6NH	2,040.00	290006
WP2940CS-VB-DE-6NH	2,040.00	290007
WP2940CS-VB-EE-6NH	2,040.00	290008
WP2940CS-VB-EF-6NH	2,040.00	290009
WP2940CS-VB-FG-6NH	2,040.00	290010
WP2940CS-VB-GG-6NH	2,040.00	290015
WP2940CS-VB-GH-6NH	2,040.00	290016
WP2940CS-VB-HI-6NH	2,040.00	290017
WP2940CS-VB-II-6NH	2,040.00	290018
WP2940CS-VB-IJ-6NH	2,040.00	290019
WP2940CS-VB-JK-6NH	2,040.00	290020
WP2940CS-VB-KK-4NH	2,040.00	290021
WP2940CS-VB-KL-4NH	2,040.00	290022
WP2940CS-VB-LM-4NH	2,040.00	290023
WP2940CS-VB-MM-6NH	2,040.00	290024
WP2940CS-VB-MN-6NH	2,040.00	290025
WP2940CS-VB-NO-6NH	2,040.00	290026
WP2940CS-VB-OO-6NH	2,040.00	290027
WP2940CS-VB-OP-6NH	2,040.00	290028
WP2940CS-VB-PQ-6NH	2,040.00	290029
WP2940CS-VB-QQ-6NH	2,040.00	290030
WP2940CS-VB-QR-6NH	2,040.00	290031
WP2940CS-VB-RS-6NH	2,040.00	290032
WP2940CS-VB-SS-6NH	2,040.00	290033
WP2940CS-VB-ST-6NH	2,040.00	290034
WP2940CS-VB-TU-6NH	2,040.00	290035
WP2940CS-VB-UU-6NH	2,040.00	290036
WP2940CS-VB-UV-6NH	2,040.00	290037
WP2940CS-VB-VW-6NH	2,040.00	290038

ENDPLATES (Carbon Steel)
V Bottom Trench

WP2940CS-VB-EPA	93.00	289002
WP2940CS-VB-EPB	93.00	289003
WP2940CS-VB-EPC	93.00	289005
WP2940CS-VB-EPD	93.00	289006
WP2940CS-VB-EPE	93.00	289007
WP2940CS-VB-EPF	93.00	289008
WP2940CS-VB-EPG	93.00	289009
WP2940CS-VB-EPH	93.00	289010
WP2940CS-VB-EPI	93.00	289011
WP2940CS-VB-EPJ	93.00	289012
WP2940CS-VB-EPK	93.00	289013
WP2940CS-VB-EPL	93.00	289014
WP2940CS-VB-EPM	93.00	289015
WP2940CS-VB-EPN	93.00	289016
WP2940CS-VB-EPO	93.00	289017
WP2940CS-VB-EPP	93.00	289018
WP2940CS-VB-EPQ	93.00	289019
WP2940CS-VB-EPR	93.00	289020
WP2940CS-VB-EPS	93.00	289021
WP2940CS-VB-EPT	93.00	289022
WP2940CS-VB-EPU	93.00	289023
WP2940CS-VB-EPV	93.00	289024
WP2940CS-VB-EPW	93.00	289025

TRENCH SECTIONS
V Slopped Bottom

WP2940-SS-VB-AA	3,533.00	305001
WP2940-SS-VB-AB	3,533.00	305002
WP2940-SS-VB-BC	3,533.00	305003
WP2940-SS-VB-CC	3,533.00	305004
WP2940-SS-VB-CD	3,533.00	305005
WP2940-SS-VB-DE	3,533.00	305006
WP2940-SS-VB-EE	3,533.00	305007
WP2940-SS-VB-EF	3,533.00	305008
WP2940-SS-VB-FG	3,533.00	305009
WP2940-SS-VB-GG	3,533.00	305010
WP2940-SS-VB-GH	3,533.00	305011
WP2940-SS-VB-HI	3,533.00	305012
WP2940-SS-VB-II	3,533.00	305013
WP2940-SS-VB-IJ	3,533.00	305014
WP2940-SS-VB-JK	3,533.00	305015
WP2940-SS-VB-KK	3,533.00	305016
WP2940-SS-VB-KL	3,533.00	305017
WP2940-SS-VB-LM	3,533.00	305018
WP2940-SS-VB-MM	3,533.00	305019
WP2940-SS-VB-MN	3,533.00	305020
WP2940-SS-VB-NO	3,533.00	305021
WP2940-SS-VB-OO	3,533.00	305022
WP2940-SS-VB-OP	3,533.00	305023
WP2940-SS-VB-PQ	3,533.00	305024
WP2940-SS-VB-QQ	3,533.00	305025
WP2940-SS-VB-QR	3,533.00	305026
WP2940-SS-VB-RS	3,533.00	305027
WP2940-SS-VB-SS	3,533.00	305028
WP2940-SS-VB-ST	3,533.00	305029
WP2940-SS-VB-TU	3,533.00	305030
WP2940-SS-VB-UU	3,533.00	305031
WP2940-SS-VB-UV	3,533.00	305032
WP2940-SS-VB-VW	3,533.00	305034

TRENCH SECTIONS w/ 6" NH Outlet
V Slopped Bottom

WP2940-SS-VB-AA-6NH	3,653.00	304001
WP2940-SS-VB-AB-6NH	3,653.00	304002
WP2940-SS-VB-BC-6NH	3,653.00	304003
WP2940-SS-VB-CC-6NH	3,653.00	304004
WP2940-SS-VB-CD-6NH	3,653.00	304006
WP2940-SS-VB-DE-6NH	3,653.00	304007
WP2940-SS-VB-EF-6NH	3,653.00	304008
WP2940-SS-VB-FG-6NH	3,653.00	304009
WP2940-SS-VB-GG-6NH	3,653.00	301010
WP2940-SS-VB-GH-6NH	3,653.00	304011
WP2940-SS-VB-HI-6NH	3,653.00	304013
WP2940-SS-VB-II-6NH	3,653.00	304014
WP2940-SS-VB-IJ-6NH	3,653.00	304015
WP2940-SS-VB-JK-6NH	3,653.00	304016
WP2940-SS-VB-KK-6NH	3,653.00	304017
WP2940-SS-VB-KL-6NH	3,653.00	304018
WP2940-SS-VB-LM-6NH	3,653.00	304019
WP2940-SS-VB-MM-6NH	3,653.00	304020
WP2940-SS-VB-MN-6NH	3,653.00	304021
WP2940-SS-VB-NO-6NH	3,653.00	304022
WP2940-SS-VB-OO-6NH	3,653.00	304023
WP2940-SS-VB-OP-6NH	3,653.00	304024
WP2940-SS-VB-PQ-6NH	3,653.00	304025
WP2940-SS-VB-QQ-6NH	3,653.00	304026
WP2940-SS-VB-QR-6NH	3,653.00	304027
WP2940SS-VB-RS-6NH	3,653.00	304028
WP2940-SS-VB-SS-6NH	3,653.00	304030
WP2940-SS-VB-ST-6NH	3,653.00	304031
WP2940-SS-VB-TU-6NH	3,653.00	304032
WP2940-SS-VB-UU-6NH	3,653.00	304033
WP2940-SS-VB-UV-6NH	3,653.00	304034
WP2940-SS-VB-VW-6NH	3,653.00	304035

Ordering Guide 12" Wide Modular Trench Drainage System

ENDPLATES (V Bottom Trench)

WP2940-SS-VB-EPA	310.00	297001
WP2940-SS-VB-EPB	310.00	297002
WP2940-SS-VB-EPC	310.00	297003
WP2940-SS-VB-EPD	310.00	297004
WP2940-SS-VB-EPE	310.00	297005
WP2940-SS-VB-EPF	310.00	297006
WP2940-SS-VB-EPG	310.00	297007
WP2940-SS-VB-EPH	310.00	297008
WP2940-SS-VB-EPI	310.00	297009
WP2940-SS-VB-EPJ	310.00	297010
WP2940-SS-VB-EPK	310.00	297011
WP2940-SS-VB-EPL	310.00	297012
WP2940-SS-VB-EPM	310.00	297013
WP2940-SS-VB-EPN	310.00	297014
WP2940-SS-VB-EPO	310.00	297015
WP2940-SS-VB-EPP	310.00	297016
WP2940-SS-VB-EPQ	310.00	297017
WP2940-SS-VB-EPR	310.00	297018
WP2940-SS-VB-EPS	310.00	297019
WP2940-SS-VB-EPT	310.00	297020
WP2940-SS-VB-EPU	310.00	297021
WP2940-SS-VB-EPV	310.00	297022
WP2940-SS-VB-EPW	310.00	297023

SEDIMENT CUP (Fits Inside Outlet)

WP2930SS-VB-27/3IN	318.00	293033
WP2930SS-VB-27/4IN	318.00	293034
WP2940SS-VB-27/6IN	318.00	293047

REBAR ANCHOR CLIPS (Set of Four)

WP2930-AC	41.00	293060

CATCH BASINS (Stainless Steel)

WP2940CSB-VB	Contact Factory
WP2940CSC-VB	Contact Factory

CATCH BASIN SEDIMENT BUCKET

WP2940SSB-27	609.00	293040

Materials & Finishes

Cast Iron: Conforms to ASTM specification for Gray Iron Castings A-48-83, Class 20 or 25. It is a relatively high silicon iron with a high degree of strength and corrosion resistance.

Ductile Iron: Conforms to ASTM specification A 536-84 Grade 60-45-10. This nodular iron material has corrosion resistance superior to that of gray iron and exhibits remarkable stress qualities with yield factors in the same range as cast carbon steel and also maintaining the ability to absorb shock loading.

Properties of Ductile Iron Versus Cast Iron

Material	Cast Iron	Ductile Iron
Specification	Class 25	60-45-10
Tensile Strength (PSI)	20/30,000	60/80,000
Yield Strength	NIL	45/60,000
Elongation	NIL	10% to 25%
Modules of Elasticity	16 x 10	24 x 10

Stainless Steel: For castings, Wade typically uses Type CF8 (304) which is an 18-8 Austenitic Stainless providing excellent corrosion resistance. For some applications, CF8M (316) stainless steel can be supplied when specified. For fabricated stainless steel products, Type 304 is normally provided with Type 316 as an optional material.

Aluminum: Castings are Grade 319, which is an alloy containing both silicon and copper. It is a solid cast material with a light gray appearance. The light weight coupled with its exceptional strength and corrosion resistance, makes Wade aluminum castings ideal for drain components such as sediment buckets and strainers.

Bronze: This is a semi-red brass conforming to ASTM Specification for Copper Alloy Sand Casting, Ingot No.84400 or 83600. Exposed surfaces for products designated Satin Bronze are furnished with a sheen texture which allows it to blend unobtrusively with surrounding finishes. When required, this material can be furnished polished to a high gloss.

Nickel Bronze: This unique material is ideally suited for high traffic finished floor areas. It offers higher strength, better appearance and longer service life than chrome plating. The material is a copper nickel alloy 97300 or 97600. The appearance is similar to satin chrome plating, but will not chip, crack or peel off. It is highly resistant to corrosion; A slight oxidization will naturally occur over time.

Neoprene: Most Wade gaskets are made of neoprene in conformance to ASTM A74. The physical characeristics ensure that the gasket will not decay or deteriorate from contact with effluents in the pipe or chemicals in the soil or the atmosphere.

Physical Properties				
Property	Performance Requirement			ASTM Test
Hardness (Nominal Hardness +/-5)	50	60	70	D2240
Elongation (Minimum) %t	350	300	250	D412
Tensile Strength (Minimum) Lbf/In.	1500	1500	1500	D412
Tear Resistance (Minimum) Lbf/In.	150	150	150	D624
Compression Set (Minimum) %	25	25	24	D395
Heat Aging (96 Hours at 158 Degrees F +/- 2 Degrees F)				
Hardness Increase (Maximum) Durometer	10	10	10	D573
Loss in Tensile Strength (Maximum) %	15	15	15	D573
Loss in Elongation (Maximum) %	20	20	20	D573
Water Absorption (Weight Incerase Max.) %	20	20	20	D471
Ozone Resistance				
Cracks	0	0	0	D1149
Volume Increase (Maximum) %	80	80	80	D471
Resistance To Permanant Set				
Compression Set After 22 Hrs. at 158F (%)	25	25	25	D395
Compression Set After 22 Hrs. at 14F (%)	60	60	60	D395

Finishes

Wade CI/DI Coatings: Cast iron and ductile iron coatings are normally furnished with a specially formulated latex coating designed to resist cracking and chipping plus offer a high resistance to rusting.

A.R.C. Acid Resistant Coating from Wade is typically furnished in a high build aliphatic hybrid – trade named ArmorClad. It is an industrial abrasion - chemical - impact - moisture—UV resistant sanitary finish engineered for use on critical surfaces in harsh environments. A two component no-voc formulation delivers optimal performance in very cold or hot climates. ArmorClad is dielectric (non-conductive) so there is no potential reaction with the earth's elements. Because of its's dielectric properties, performance is exceptional in all forms of corrosive elements that may be present in underground environments. Because it is non-sacrificial, the finish insulates metallic products from corrosive elements including salt spray. A 100% solids characteristic helps to ensure a complete barrier is formed for protection. The aliphatic hybrid content of ArmorClad provides UV resistance well beyond what aromatic coatings can offer. Accelerated UV Aging test over extended time are ongoing to qualify the significant improvements. Available in Gray.

A.R. Acid Resistant Coating is a common baked-on powder coating which produces a smooth, hard, high gloss finish. The epoxy based coating offers high impact resistance and excellent life in drainage applications. Wade A.R. coating conforms to the requirements of FDA regulation 21-CFR5 117.1360.

A.R.E. (Porcelain): Acid resisting Porcelain Enamel is a substantially vitreous or glassy inorganic coating bonded to metal by fusion at temperatures in excess of 800ºF. This exclusive coating is normally supplied on floor sinks. A.R.E. porcelain is extremely hard, offers unmatched sanitation properties and is acid, abrasion and wear resistant. Conforms to F.D.A (Food and Drug Administration) Regulation 21-CFR5 117.1360.

Chrome Plating: Chrome plating is more reflective (brighter), bluer (less pale), and more spectacular than other finishes. Chrome is applied by electroplating. Our process is decorative chrome plating, sometimes called nickel-chrome plating because it involves electroplating nickel onto the object before plating the chrome. The nickel plating provides the smoothness, much of the corrosion resistance, and most of the reflectivity. The chrome plating is exceptionally thin and the product surfaces are highly polished before the electroplating is applied. This finish is not recommended for areas subjected to traffic because abrasion will eventually wear through and cause peeling. It should always be specified for swimming pool applications for resistance to chemicals encountered in the pool maintenance.

Galvanized: This is a process of applying a heavy zinc coating to a thoroughly cleaned cast iron or ductile iron casting. This coating contains 95% zinc in a thermal process and is recommended wherever discoloration caused by oxidation of cast iron is objectionable, or in costal or industrial areas where corrosive atmospheres are present. This coating meets or exceeds Federal specification MIL-P-21035, MIL-P-26915A, MIL-P-26433 and MIL-C-10578 (Type II). It also meets ASTM specification A239-89.

HDPE Chemical Resistant Guide

Reagent	70°F (21°C)	140°F (60°C)
Acetic Acid 10-60%	**S**	**M**
Acetic Acid 1-10%	S	S
Acetic Acid 80-100%	**S**	**M**
Acetone	M	U
Acrylic Emulsions	**S**	**S**
Aluminum Chloride Conc.	S	S
Aluminum Chloride-Dilute	**S**	**S**
Aluminum Fluoride Conc.	S	S
Aluminum Sulfate Conc.	**S**	**S**
Alums (All Types) Conc.	S	S
Ammonia 100% Dry Gas	**S**	**S**
Ammonium Carbonate	S	S
Ammonium Chloride Sat'd	**S**	**S**
Ammonium Fluoride 20%	S	S
Ammonium Hydroxide 0.8S S.G.	**S**	**S**
Ammonium Metaphosphate Saturated	S	S
Ammonium Nitrate Sat'd	**S**	**S**
Ammonium Persulfate Sat'd	S	S
Ammonium Sulfate Sat'd	**S**	**S**
Ammonium Thiocyanate Sat'd	S	S
Amyl Acetate	**M**	**U**
Amyl Alcohol 100%	S	S
Amyl Chloride 100%	**N**	**U**
Aniline 100%	S	N
Antimony Chloride	**S**	**S**
Aqua Regia	U	U
Barium Carbonate Sat'd	**S**	**S**
Barium Chloride	S	S
Barium Hydroxide	**S**	**S**
Barium Sulfate Sat'd	S	S
Beer	**S**	**S**
Benzene	M	U
Benzene Sulfonic Acid	**S**	**S**
Bismuth Carbonate Sat'd	S	S
Black Liquor	**S**	**S**
Bleach Lye 10%	S	S
Borax Cold Sat'd	**S**	**S**
Boric Acid Conc.	S	S
Boric Acid Dilute	**S**	**S**
Brass	S	S
Bromic Acid 10%	**S**	**S**
Bromine Liquid 100%	M	U
Butanediol 10%	**S**	**S**
Butanediol 100%	S	S
Butanediol 60%	**S**	**S**
Butyl Alcohol 100%	S	S
Cadmium	**S**	**S**
Calcium Bisulfide	S	S
Calcium Carbonate Sat'd	**S**	**S**
Calcium Chlorate Sat'd	S	S
Calcium Chloride Sat'd	**S**	**S**
Calcium Hydroxide	S	S
Calcium Hypochlorite RRGH	**S**	**S**
Calcium Nitrate 50%	S	S
Calcium Sulfate	**S**	**S**
Camphor Oil	N	U
Carbon Dioxide 100% Dry	**S**	**S**
Carbon Dioxide 100%Wet	S	S
Carbon Dioxide Cold Sat'd	**S**	**S**
Carbon Disulfide	N	U
Carbon Monoxide	**S**	**S**
Carbon Tetrachloride	M	U
Carbonic Acid	**S**	**S**
Castor Oil Conc.	S	S
Chlorine Dry Gas 100%	**S**	**M**
Chlorine Liquid	M	U
Chlorine Moist Gas	**M**	**U**
Chlorobenzene	M	U
Chloroform	**M**	**U**
Cloroqualone Acid 100%	M	U
Chrome Alum Sat'd	**S**	**S**
Chromic Acid 20%	S	S
Chromic Acid and Sulfuric Acid	**S**	**M**
Chromic Acid Up to 50%	S	S
Chromium	**N**	**N**
Cider	S	S
Citric Acid Sat'd	**S**	**S**
Coconut Oil Alcohols	S	S
Cola Concentrates	**S**	**S**
Copper	S	S
Copper Chloride Sat'd	**S**	**S**
Copper Cyanide Sat'd	S	S
Copper Fluoride 2%	**S**	**S**
Copper Nitrate Sat'd	S	S
Copper Sulfate Dilute	**S**	**S**
Copper Sulfate Sat'd	S	S
Cottonseed Oil	**S**	**S**
Crude Oil	S	M
Cuprous Chloride Sat'd	**S**	**S**
Cyclohexanol	S	S
Cyclohexanone	**M**	**U**
Detergents Synthetic	S	S
Developers, Photographic Dextrin Sat'd	**S**	**S**
Dextrose Sat'd	S	S
Diazo Salts	**S**	**S**
Dibutyl phthalate	S	M
Diethylene Glycol	**S**	**S**
Diglycolic Acid	S	S
Dimethylamine	**M**	**U**
Disodium Phosphate	S	S
Emulsions, Photographic	**S**	**S**
Ethyl Acetate 100%	M	U
Ethyl Alcohol 100%	**S**	**S**
Ethyl Alcohol 35%	S	S
Ethyl Butyrate	**M**	**U**
Ethyl Chloride	M	U
Ethyl Ether	**U**	**U**
Ethylene Chloride	U	U
Ethylene Chlorohydrin	**U**	**U**
Ethylene Dichloride	M	U
Ethylene Glycol	**S**	**S**
Ferric Chloride Sat'd	S	S
Ferric Nitrate Sat'd	**S**	**S**
Ferrous Chloride Sat'd	S	S
Ferrous Sulfate	**S**	**S**
Fish Soluble	S	S
Fluoric Acid	**S**	**S**
Fluorine	S	U
Fluosilicic Acid 32%	**S**	**S**
Fluosilicic Acid Conc.	S	S
Formaldehyde 40%	**S**	**N**
Formic Acid 0-20%	S	S
Formic Acid 100%	**S**	**S**
Formic Acid 20-50%	S	S
Fructose Sat'd	**S**	**S**
Fruit Pulp	S	S
Fuel Oil	**S**	**U**
Furfural 100%	M	U
Furfuryl Alcohol	**M**	**U**
Gallic Acid Sat'd	S	S
Gas Liquids	**S**	**M**
Gasoline	M	U
Gin	**S**	**U**
Glucose	S	S
Glycerin	**S**	**S**
Glycol	S	S
Glycolic Acid 30%	**S**	**S**
Gold	S	S
Grape Sugar Sat'd Aq.	**S**	**S**
Hexanol, Tert.	S	S
Hydrobromic Acid 50%	**S**	**S**
Hydrochloric Acid	S	S
Hydrochloric Acid 30%	**S**	**S**
Hydrochloric Acid 35%	S	S
Hydrochloric Acid Conc.	**S**	**S**
Hydrochloric 10%	S	S
Hydrocyanic Acid Sat'd	**S**	**S**
Hydrofluoric Acid 40%	S	S
Hydrofluoric Acid 60%	**S**	**S**
Hydrofluoric Acid 75%	S	S
Hydrogen 100%	**S**	**S**
Hydrogen Bromide 10%	S	S
Hydrogen Chloride Gas Dry	**S**	**S**
Hydrogen Peroxide 30%	S	S
Hydrogen Peroxide 90%	**S**	**M**
Hydrogen Phosphide 100%	S	S
Hydrogen Sulfide	**S**	**S**
Hydroquinone	S	S
Hypochlorous Acid Conc.	**S**	**S**
Indium	S	S
Inks	**S**	**S**
Lactic Acid 10%	S	S
Lactic Acid 90%	**S**	**S**
Latex	S	S
Lead	**S**	**S**
Lead Acetate Sat'd	S	S
Lorine (Alc. Sol.) Conc.	**S**	**U**
Lube Oil	S	M
Magnesium Carbonate Sat'd	**S**	**S**
Magnesium Chloride Sat'd	S	S
Magnesium Hydroxide Sat'd	**S**	**S**
Magnesium Nitrate Sat'd	S	S
Magnesium Sulfate Sat'd	**S**	**S**
Mercuric Chloride Sat'd	S	S
Mercuric Cyanide Sat'd	**S**	**S**
Mercurous Nitrate Sat'd	S	S
Mercury	**S**	**S**
Methyl Alcohol 100%	S	S
Methyl Bromide	**M**	**U**
Methyl Chloride	M	U
Methyl Ethyl Ketone 100%	**M**	**U**
Methylene Chloride 100%	M	U
Methyl sulfuric Acid	**S**	**S**
Milk	S	S
Mineral Oils	**S**	**U**
Molasses Comm.	S	S
Nickel	**S**	**S**
Nickel Chloride Sat'd	S	S
Nickel Nitrate Conc.	**S**	**S**
Nickel Sulfate Sat'd	S	S
Nicotine Dilute	**S**	**S**
Nicotinic Acid	S	S
Nitric Acid 0-30%	**S**	**S**
Nitric Acid 30-50%	S	M
Nitric Acid 70%	**S**	**M**
Nitric Acid 95-98%	U	U
Nitrobenzene 100%	**U**	**U**
Octyl Cresol	S	U
Oils and Fats	**S**	**M**
Oleic Acid Conc.	S	U
Oleum Conc.	**U**	**U**
Orange Extract	S	S
Oxalic Acid Dilute	**S**	**S**
Oxalic Acid Sat'd	S	S
Ozone 100%	**S**	**U**
PerchloncAcid 10%	S	S
Petroleum Ether	**U**	**U**
Phenol 90%	U	U
Phosphoric Acid 90%	**S**	**S**
Phosphoric Acid Over 30%	S	S
Phosphoric Acid Up to 30%	**S**	**S**
Phosphorous (Yellow) 100%	S	N
Phosphorus Pentoxide 100%	**S**	**N**
Photographic Solutions	S	S
Pickling Baths		
Plating Solutions		
Potassium Bicarbonate Sat'd	**S**	**S**
Potassium Borate 1%	S	S
Potassium Bromate 10%	**S**	**S**
Potassium Bromide Sat'd	S	S
Potassium Carbonate	**S**	**S**
Potassium Chlorate Sat'd	S	S
Potassium Chloride Sat'd	**S**	**S**
Potassium Chromate 40%	S	S
Potassium Cyanide Sat'd	**S**	**S**
Potassium Dichromate 40%	S	S
Potassium Ferri/Ferro Cyanide Sat'd	S	S
Potassium Fluoride	**S**	**S**
Potassium Hydroxide 20%	S	S
Potassium Nitrate Sat'd	**S**	**S**
Potassium Perborate Sat'd	S	S
Potassium Perchlorate 10%	**S**	**S**
Potassium Persulfate Satd	S	S
Potassium Sulfate Conc.	**S**	**S**
Potassium Sulfide Conc.	S	S
Potassium Sulfite Conc.	**S**	**S**
Propargyl Alcohol	S	S
Propyl Alcohol	**S**	**S**
Propylene Dichloride 100%	U	U
Propylene Glycol	**S**	**S**
Rayon Coagulating Bath	S	S
Rhodium	**S**	**S**
Sea Water	S	S
Selenic Acid	**S**	**S**
Shortening	S	S
Silicic Acid	**S**	**S**
Silver	S	S
Silver Nitrate Sol.	**S**	**S**
Soap Solution Any Conc'n	S	S
Sodium Acetate Sat'd	**S**	**S**
Sodium Benzoate 35%	S	S
Sodium Bicarbonate Sat'd	**S**	**S**
Sodium Bisulfate Sat'd	S	S
Sodium Bisulfite Sat'd	**S**	**S**
Sodium Borate	S	S
Sodium Bromide Dilute Sol.	**S**	**S**
Sodium Carbonate	S	S
Sodium Carbonate Con.	**S**	**S**
Sodium Chlorate Sat'd.	S	S
Sodium Chloride Sat'd	**S**	**S**
Sodium Cyanide	S	S
Sodium Dichromate Sat'd	**S**	**S**
Sodium Ferncyanide	S	S
Sodium Ferrocyanide Sat'd	**S**	**S**
Sodium Nitrate	S	S
Sodium Sulfate	**S**	**S**
Sodium Sulfide 25%	S	S
Sodium Sulfide Sat'd Sol.	**S**	**S**
Sodium Sulfite Sat'd	S	S
Stannic Chloride Sat'd	**S**	**S**
Stannous Chloride Sat'd	S	S
Starch Solution SaUd	**S**	**S**
Steanc Acid 100%	S	S
Sulfuric Acid	**S**	**S**
Sulfuric Acid 0-50%	S	S
Sulfuric Acid 70%	**S**	**M**
Sulfuric Acid 80%	S	U
Sulfuric Acid 96%	**M**	**U**
Sulfuric Acid 98%	M	U
Sulfuric Acid, Fuming	**U**	**U**
Sulfuric-Nitric	S	U
Sulfurous Acid	**S**	**S**
Tallow	S	M
Tannic Acid 10%	**S**	**S**
Tanning Extracts Comm.	S	S
Tartaric Acid Sat'd	**N**	**N**
Tetrahydrofurane	N	U
Tin	**S**	**S**
Titanium Tetrachloride Sat'd	N	U
Toluene	**M**	**U**
Transformer Oil	S	M
Trichloroethylene	**U**	**U**
Trisodium Phosphate Sat'd	S	S
Urea Up to 30%	**S**	**S**
Urine	S	S
Vanilla Extract	**S**	**S**
Vinegar Comm.	S	S
Wetting Agents	**S**	**S**
Whiskey	S	N
Wines	**S**	**S**
Xylene	M	U
Yeast	**S**	**S**
Zinc	S	S
Zinc Chloride Sat'd	**S**	**S**
Zinc Sulfate Sat'd	S	S

S = Satisfactory
U = Unsatisfactory
M = Marginal
N = Not Known

TERMS AND CONDITIONS OF SALE

1. ENTIRE AGREEMENT. Wade Division agrees to sell the goods covered herein (the "Goods") to Buyer on the following terms and conditions of sale (the "Terms and Conditions") which supersede any other or inconsistent terms of Buyer. This contract constitutes the entire agreement between parties with respect to the Goods, and this Agreement may not be modified, amended or waived in any way except in writing signed by an authorized representative of Seller. No representation, promise or term not set forth herein has been nor may be relied upon by Buyer. All references by Seller to Buyer's specifications and similar requirements are only to describe the products and work covered hereby and no warranties or other terms therein shall have any force or effect.

2. QUOTATIONS. Where this form is used by Seller to place a bid, the quotation stated herein is for prompt acceptance and is subject to change and/or withdrawal without notice. Prompt acceptance of all quotations and adherence to delivery schedules are material terms of the bid and any subsequent agreement. In cases where freight allowance is included in the quotation, Buyer is liable for any rate increase and/or additional expense over the calculated allowance resulting from compliance with Buyer's shipping instructions.

3. ACCEPTANCE. This order shall not be binding upon Seller until accepted by an authorized representative of Seller at its home office. Acceptance of orders, whether oral or written, is based on the express condition that Buyer agrees to all of these Terms and Conditions. Acceptance of delivery by Buyer will constitute Buyer's assent to these Terms and Conditions in their entirety.

4. DELIVERY. All prices are F.O.B. Seller's plant, unless otherwise specified by Seller. All shipping dates are approximate, and any time period indicated for a shipment shall not commence until receipt of Seller's information. Acceptance of shipment by designated shipper, allocation of Goods to Buyer at premises other than Seller's, delivery to Buyer's representative or designee, or mailing of an invoice to Buyer, whichever first occurs, shall constitute tender of delivery. Upon tender of delivery, title shall pass to Buyer, subject to Seller's right of stoppage in transit and to any interest of Seller reserved to secure Buyer's payment or performance, irrespective of any freight allowance or prepayment of freight. Goods held subject to Buyer's instructions, Goods for which Buyer has failed to supply shipping instructions, or in any case where Seller, in its sole discretion, determines any part of the Goods should be held for Buyer's account, Seller may invoice the Goods and Buyer agrees to make payment at the maturity of the invoice rendered. Goods invoiced and held at any location for whatever reason shall be at Buyer's risk and Seller may charge for (but is not obligated to carry) insurance, storage and other expenses incident to such delay at its prevailing rates. Partial deliveries shall be accepted by Buyer and paid for at contract prices and terms. When Buyer has declared or manifested an intention not to accept delivery, no tender shall be necessary but Seller may, at its option, give notice in writing to Buyer that Seller is ready and willing to deliver and such notice shall constitute a valid tender of delivery. In no event shall Buyer be entitled to make any deduction from any payment due hereunder by reason of loss or damage in transit. Upon the written request of Buyer, Seller, at its sole discretion, may agree as a service to Buyer to process Buyer's claim against the carrier for any loss or damage in transit, provided that such claim is received by Seller within five (5) days of the receipt of Goods. Any such claims must be accompanied by a delivery receipt, signed by carrier's agent at time of delivery, on which receipt the loss or damage has been noted. In the absence of directions, goods will be shipped by the method and via carrier Seller believes dependable. Delivery by truck will be made to nearest points reasonable accessible by truck as determined by the driver. Buyer will furnish and pay for necessary labor to unload and store Goods. Buyer shall note loss or damage on truck shipments upon delivery ticket returned to Seller. All materials received from Seller must be counted upon receipt and compared to the Seller's packing list. Any shortage must be noted on the carrier's official freight bill and be confirmed with the signature of the driver representing the delivery carrier. A copy of the freight bill listing the shortage must be forwarded to Seller within three working days to receive credit for any shortage. If the freight bill is singed without exception, the packing list will be deemed correct and not shortage claim will be honored. Contact Seller's sales correspondent immediately if no packing list is present.

5. TERMS OF PAYMENT. Terms to Buyers whose credit has been approved in writing by Seller are specified on the face of the applicable invoice. Seller shall have the right to make partial shipments. If, at any time or for any reason, Seller shall have cause to question Buyer's ability to perform, Seller may demand such assurances of Buyer's performance as Seller shall deem necessary in its discretion, including payment in advance for all shipments. If buyer fails within 10 days of Seller's demand to provide Seller with such assurance, Seller shall be entitled to cancel any order then outstanding, receive reimbursement for its reasonable and proper cancellation charges and may proceed to collect, without limitation, any sums due and owing, its reasonable cancellation charges and all damage resulting form Buyer's default. In the event of bankruptcy or insolvency of Buyer, or in the event of any proceeding brought against Buyer, voluntarily or involuntarily, under bankruptcy or any insolvency laws, Seller shall be entitled to cancel any order then outstanding at any time and shall receive reimbursement for its reasonable and proper cancellation charges. If Buyer fails to make payment for the Goods when due Buyer's account shall be deemed delinquent and Buyer shall be liable to Seller for a service charge of eighteen percent (18%) per annum or the maximum allowed by law, whichever is greater, on any unpaid amount. Buyer shall be liable to Seller for all costs and expenses of collection, including court costs and reasonable attorney's fees.

6. CANCELLATION, CHARGES AND RETURNS. This order is not subject to cancellation, change or return unless agreed to in writing by an authorized representative of Seller. At Seller's option, Buyer may be charged for any costs incurred by Seller prior to or as a result of such cancellation, change or return. In this event, the seller shall be entitled to revise it prices and delivery dates to reflect such change. When Seller's agreement is obtained, Seller will accept returned material for credit if, in its sole discretion, it finds such material to be standard stock and in good condition. Such credit shall be the invoice price less 25% on acceptable goods, and less all shipping and handling charges. In all other cases, the credit in Seller's sole discretion shall be the scrap value of the Goods, less shipping and handling charges.

7. DELAY IN OR PREVENTION OF PERFORMANCE. Seller shall not be liable for any expense, loss or damage resulting from delay in delivery or prevention of performance caused by fires, floods, acts of God, strikes, labor disputes, labor shortages, lack of or inability to obtain materials, fuels, supplies or equipment, riots accidents, transportation delays, acts or failures to act of any government of Buyer, or any other cause whatsoever, provided that such cause is beyond the reasonable control of Seller; and Seller shall have such additional time for performance as may be reasonably necessary under the circumstances and may adjust the price to reflect increases occasioned by such delay. Accepage rate. If Seller is delayed in proceeding with production or otherwise because it is awaiting Buyer's approval or acceptance of designs, drawings, prints, engineering or technical data, or is awaiting Buyer's approval or acceptance of the Goods, Seller shall be entitled to an adjustment in price commensurate with any increase in Seller's cost of production and any other losses and expenses incurred by Seller attributable to such delays.

8. DEFERRED DELIVERY. Any deferred delivery request by Buyer shall be subject to Seller's written approval. If such approval is given, Seller shall have the right to charge Buyer for the completed portion of the order and to warehouse all completed Goods at Buyer's expense and risk of loss. Seller also reserves the right, at its option, as to any uncompleted portion of the order to cancel said uncompleted portion in accordance with Paragraph 6 above, or to revise its prices and delivery schedules on the portion not completed to reflect its increased costs and expenses attributable to the delay.

9. WARRANTY AND LIMITATION OF LIABILITIES AND BUYER'S REMEDIES. Seller warrants that the Goods delivered hereunder will be of the kind described in the within agreement and shall be free from defects in material and workmanship under conditions of normal use. Seller reserves the right to make any modifications required by production conditions to the information set forth in Seller's catalogues and advertising literature. Seller shall not be liable or responsible, however, for (A) any defects attributed to normal wear and tear, erosion or corrosion or improper storage, use or maintenance, or (B) defects in any portion or part of the Goods manufactured by others. If (B) above is applicable, Seller will, as a compensation to Buyer, assign to Buyer any warranties given to it by any such other manufacturers. Any claim by Buyer with reference to the Goods for any cause shall be deemed waived by Buyer unless submitted to Seller in writing within ten (10) days form the date Buyer discovered, or should have discovered, any claimed breach. Buyer shall give Seller an opportunity to investigate.

TERMS AND CONDITIONS OF SALE

Provided that Seller is furnished prompt notice by Buyer of any defect and an opportunity to inspect he alleged defect as provided herein, Seller shall, at its option and in its sole discretion either: (i) repair the defective or non-conforming Goods, (ii) replace the nonconforming Goods, or part thereof, which are sent to Seller by Buyer within sixty days after receipt of the Goods at Buyer's plant or storage facilities, or (iii) if Seller is unable or chooses not to repair or replace, return the purchase price that has been paid and cancel any obligation to pay unpaid portions of the purchase price of nonconforming Goods. In no event shall any obligation to pay or refund exceed the purchase price actually paid. Repair and/or replacement as provided above shall be at Seller's plant and shipped FOB Plant unless otherwise agreed to by Seller. Transportation charges for the return of the Goods or part there of to Seller shall be prepaid by Buyer unless otherwise agreed to by the Seller in writing. Seller shall, in no event be responsible for any labor, removal or installation charges that may result from the above-described repair and/or replacement of any Goods. The foregoing warranty does not cover failure of any part or parts manufactured by others, the failure of any part or parts from external forces, including but not limited to earthquake, installation, vandalism, vehicular or other impact, application of excessive torque to the operating mechanism or frost heave. The exclusive remedy of Buyer and the sole liability of Seller, for any loss, damage, injury or expense of any kind arising from the manufacturer, delivery, sale installation, use or shipment of the Goods and whether based on contract, warranty, tort or any other basis of recovery whatsoever, shall be at the election of Seller, the remedies described above. The foregoing is intended as a complete allocation of the risks between the parties and Buyer understands that it will not be able to recover consequential damages even though it may suffer such damages in substantial amounts. Because this Agreement and the price paid reflect such allocation, this limitation will not have failed of its essential purpose even if it operates to bar recovery for such consequential damages.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED BY LAW. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE) OR STRICT LIABILITY, SHALL SELLER BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF USE OF THE GOODS OR OTHER PROPERTY EQUIPMENT, DAMAGE TO OTHER PROPERTY, COST OF CAPITAL, COST OF SUBSTITUTE GOODS, DOWNTIME, OR THE CLAIMS OF BUYER'S CUSTOMERS FOR ANY OF THE AFORESAID DAMAGES. SELLER SHALL NOT BE LIABLE FOR AND BUYER AGREES TO INDEMNIFY SELLER FOR ALL PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LIABILITY RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENCE OF BUYER.

In any contract Buyer for resale of goods, buyer shall effectively disclaim, as against Seller any implied warranty of merchantability and all liability for property damage or personal injury resulting from the handling, possession or use of the Goods, and shall exclude, as against Seller, any liability for special or consequential damages.

10. PATENTS. If any claim is made against Buyer based on a claim that any of the Goods constitute and infringement of any U.S. Letter Patent, Buyer shall notify Seller immediately. Seller shall have the right, with Buyer's assistance, if required, but at Seller's expense, to conduct settlement negotiations of any litigation. If any of the Goods are held to infringe any U.S. Letter Patent, and their use is enjoined or, if as a result of a settlement, Seller deems their continued use unadvisable and provided that Buyer has given Seller the immediate notice provided for above and has used the Goods only in accordance with the provisions of this order and shall not have altered or changed them in any material way, Seller shall, at its option and expense, procure for Buyer the right to continue using the Goods, modify the Goods so that they become non-infringing, replace the Goods with non-infringing Goods of substantially equal quality, or replace the Goods an refund the purchase price, less reasonable depreciation. The foregoing states Seller's entire liability for patent infringement.

11. CONTROLLING LAW. This Agreement and all rights and obligations hereunder shall be governed by the laws of the State of Alabama, or Texas. **Any claim by Buyer arising hereunder shall be tried in the courts of Alabama or Texas to which jurisdiction Buyer hereby submits.**

12. ARBITRATION; DISPUTE RESOLUTION; PRESERVATION OF FORECLUSRE REMEDIES. At the option of the Seller, any dispute, claim or controversy ("Dispute") between Seller or Buyer relating to the transactions contemplated by this agreement, including without limitation any claim based on arising from an alleged tort, shall be resolved by binding arbitration in accordance with Title 9 of the U.S. Code and the Commercial arbitration Rules of the American Arbitration Association (the "AAA"). Defenses based on statutes of limitation and similar doctrines shall be applicable in any such proceeding, and the commencement of an arbitration proceeding under this Agreement shall be deemed the commencement of an action for such purposes. The arbitrator shall be selected in accordance with the Commercial Arbitration Rules of the AAA. The AAA shall designate a panel of ten (10) potential arbitrators knowledgeable in the subject matter of the Dispute. Each Seller and Buyer shall designate, within thirty (30) days the receipt of the list of potential arbitrators, one of the potential arbitrators to serve, and the two arbitrators so designated shall select a third arbitrator from the eight remaining candidates.

13. WAIVER. No delay or failure by Seller to exercise any right or remedy under these Terms and Conditions shall be construed to be a waiver thereof. Waiver by Seller of any breach shall be limited to the specific breach so waived and shall not be construed as a waiver of any subsequent breach of this order or any rights hereunder without the prior written consent of Seller. This Agreement, and the Terms and Conditions contained herein, are enforceable, however, against the successors and assigns of the Buyer.

14. ASSIGNMENT. Buyer may not assign this order or any rights hereunder without the prior written consent of Seller. This agreement and the Terms and Conditions contained herein, are enforceable, however, against the successors and assigns of Buyer.

15. TAXES. Seller's prices do not include sales, use, excise or other similar taxes. Consequently, in addition to the price specified herein, the amount of any present or future such tax shall be paid by Buyer, or in lieu thereof, Buyer shall provide Seller with all tax-exemption certificates required by the taxing authorities, at the time of sale.

16. CUMULATIVE NATURE OF REMEDIES. All remedies of Seller set forth herein shall be cumulative and shall be in addition to any other remedies available to Seller, whether at law, equity or otherwise.

Load Recommendation Guide



Class A
- Loads of 1-60 psi.
- Recommended for pedestrians, bicycles and wheel chair traffic.



Class B
- Loads of 61-175 psi.
- Recommended for medium-duty pneumatic tire traffic, autos and light trucks at speeds less than 20 m.p.h.



Class C
- Loads of 176-325 psi.
- Recommended for heavy-duty pneumatic tire forklifts and tractor trailers at speeds less than 20 m.p.h., H-20 rated.



Class D
- Loads of 326-575 psi.
- Recommended for heavy-duty hard tire forklifts at speeds less than 20 m.p.h., H-20 rated.
- WN-DL Ductile Iron Frame is recommended for use with the Hydro-FLO Channel for forklift traffic.

Note: Some installations may require a concrete collar to meet load rating. Loads are based on encasing product in concrete. Product must be installed using Wade instructions.

INSTALLATION INSTRUCTIONS

The following installation instructions are recommendations for typical installations. Please refer to project plans and specs for any deviation to these instructions.

1 Gather the tools and materials for the installation

- Shovel
- Hammer
- Butyl caulk or adhesive silicone sealant
- Caulking gun
- Stringline
- Level or laser line
- Phillips screwdriver
- Concrete vibrator
- #4 rebar ($^1/_2$")
- Tie wire or self-tapping screws
- Pliers and cordless screw driver

Caution: Observe all safety precautions when you are operating electrical tools or hand tools.

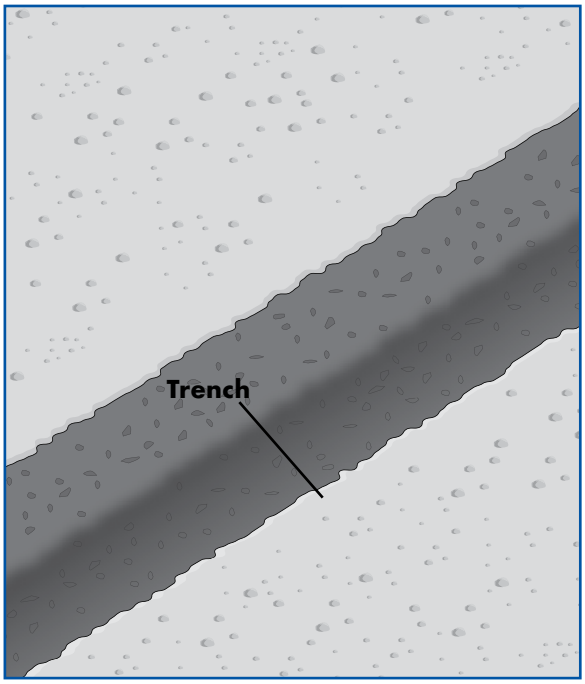
2 Excavate a trench for the channels

Excavate a trench with a minimum concrete-surround by load class:

- Class A: each side 4", depth below 4"
- Class B: each side 4", depth below 4"
- Class C: each side 6", depth below 6"
- Class D: each side 8", depth below 8"

Note: The channel must be recessed 1/8" for pedestrian traffic and 1/4" for vehicular traffic.

Note: The channel must be surrounded on all sides by a minimum of 4" of concrete for a Class A installation. For a complete description of installation types, see Load Class Installation on pages 96-97.

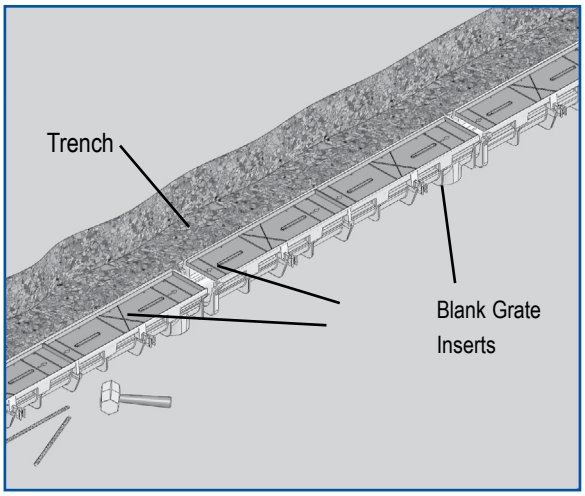


Excavate Trench

3 Lay the channels alongside the trench

- Start the layout at the drain outlet with the deepest (highest numbered) channel section, proceeding to the shallowest (lowest numbered) channel section.
- Point the arrows on each channel section towards the drain outlet.

Note: Channel sections marked with an N are neutral non-sloped channel sections; for example, WN-090N or WN-100N.

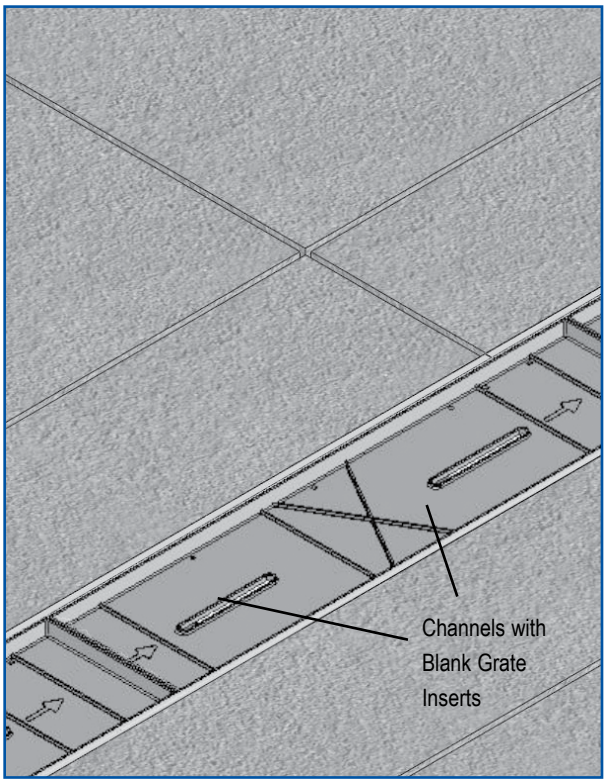


Channel Layout

4 Locate the expansion joints

Plan to install expansion joints parallel and perpendicular to channel according to plan specification.

Note: Locate perpendicular expansion joints crossing the channel at the channel joints (if possible).

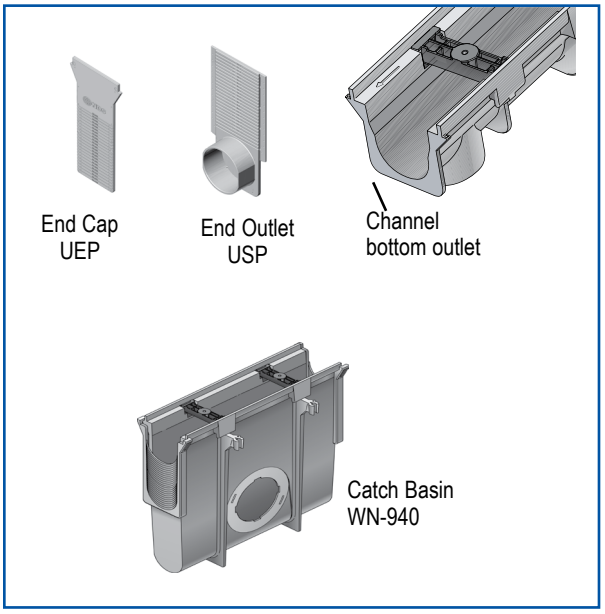


Expansion joints

5 Assemble the drain outlet

- Assemble the drain outlet with a WN-UEP End Cap, drill out the channel bottom outlet, and install a PA bottom outlet adapter (if necessary), or
- Assemble an End Outlet WN-USP, or
- Assemble a Catch Basin WN-940.
- Use End Cap WN-UEP at the shallowest end of the run.
- Set a string line in trench along each side of where channel will be placed, at final elevation of channel. If using ductile iron frame place string line 1" below finished grade to accommodate the frame.

Note: Bottom outlets, drain outlets, and catch basins connect to the deepest end of the run.



Drain Outlets

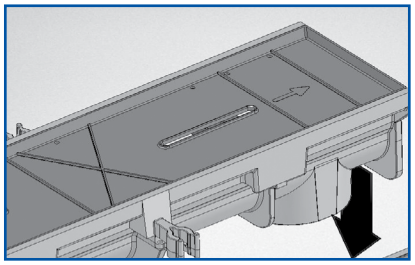
6 Assemble the channels

Note: If using Ductile Iron Frames skip to Step 6A.

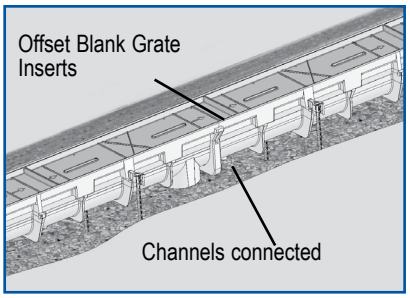
The outlet will be at the deepest end. Assemble the channel section from the deepest to the shallowest.

- Remove the screws from the end of the blank grate insert located on the male side of the channel (do not remove the center screws from the insert). Start at the drain outlet.
- Place a bead of butyl caulking or silicone sealant in the channel's joint or groove (if a water tight seal is required).
- Snap the channel sections together in multiples of two.
- Loosen the center screws on the Blank Grate Insert; slide the Insert in the direction of the male end (downstream) so it overhangs or is staggered.
- Align channel with Blank Grate Insert for straightness. Use self tapping screws to fasten the Inserts to the channel; ensure the eWade are flush with the edge of the Insert. Cover the slots on the Insert with tape to prevent concrete from getting into the channel.
- Place the pre-assembled channel sections in the trench beginning from the outlet end.

Tip: Cover screw heads and openings in the Blank Grate Insert with tape for easy removal after the concrete is poured.



Connect the channels

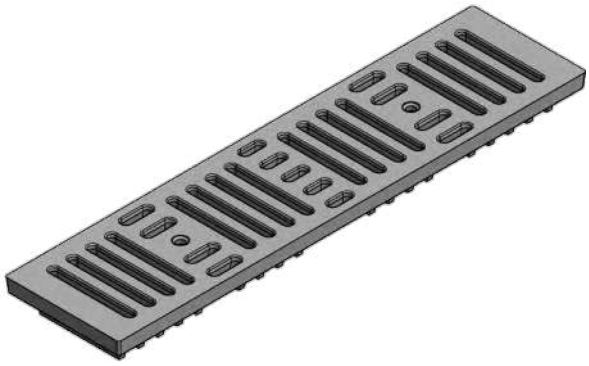


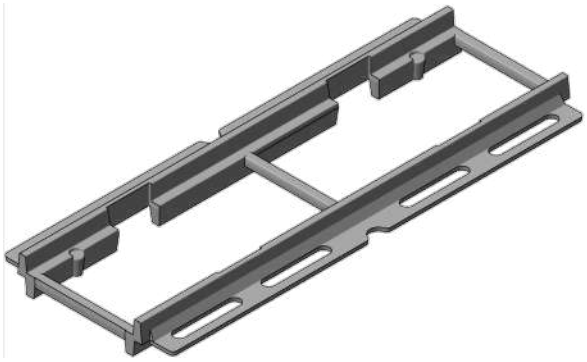
Offset blank grate inserts

6A If using Ductile Iron Frame: Assemble the channels

The outlet will be at the deepest end. Assemble the channel section from the deepest to the shallowest.

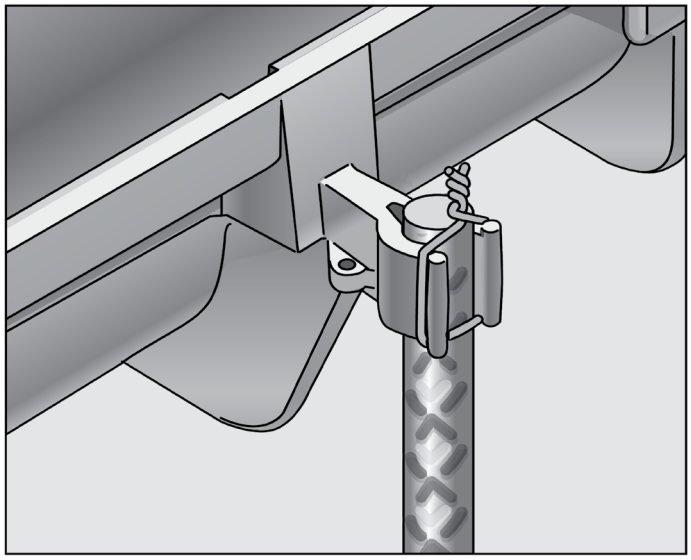
- Remove all Blank Grate Inserts from the channel sections.
- Place a bead of butyl caulking or silicone sealant in the joint or groove (if a water tight seal is required).
- Snap the channel sections together in multiples of two.
- Place the pre-assembled channel sections in the trench beginning with the outlet end.
- Apply a covering or tape to the grates for protection and to prevent concrete from entering the channel.



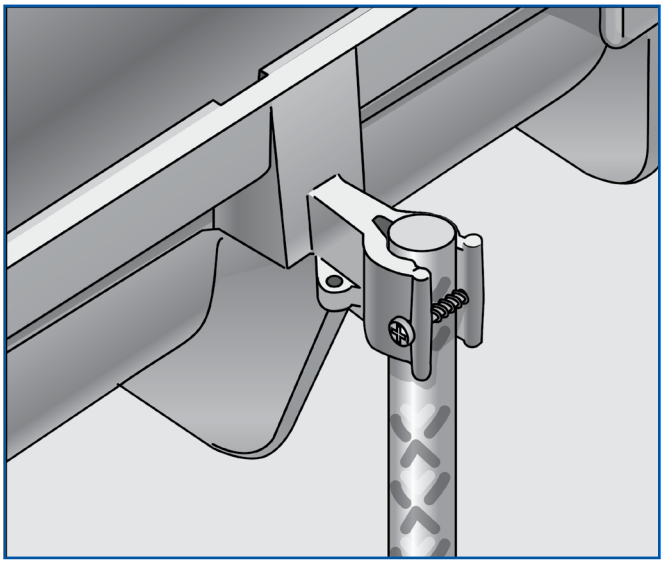


7 Install the rebar for each channel section assembled

- Insert rebar into the Leveloc rebar support. Drive rebar straight into the ground about 6" to 12" or until rebar is firmly held in place.
- Set channel to desired grade level and align for straightness using string line.
- Continue attaching pre-assembled channel sections and install rebar until run is complete.
- Proceed with final adjustments for grade level and straightness using wire tie or self-tapping screws, secure the rebar to the LeveLoc rebar support.



Wire support

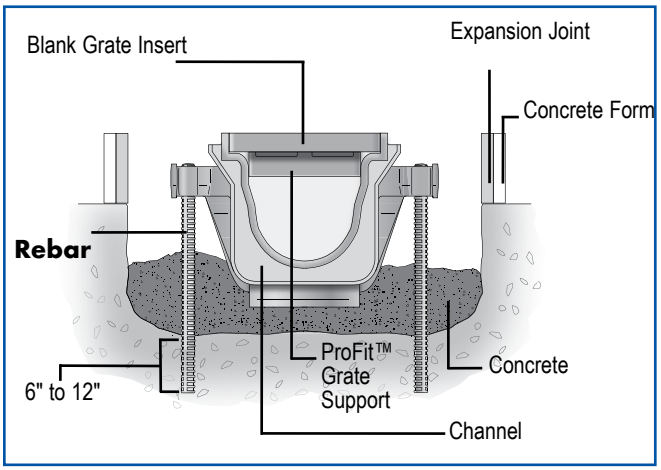


Screw support

Note - WN-900 Ductile Iron Frame is recommended for use with forklift traffic

8 Cradle the channel with concrete

- Place concrete around base of rebar post on each side of the channel as well as underneath the channel between the two rebar posts.
- Repeat concrete cradle for each pair of rebar posts.

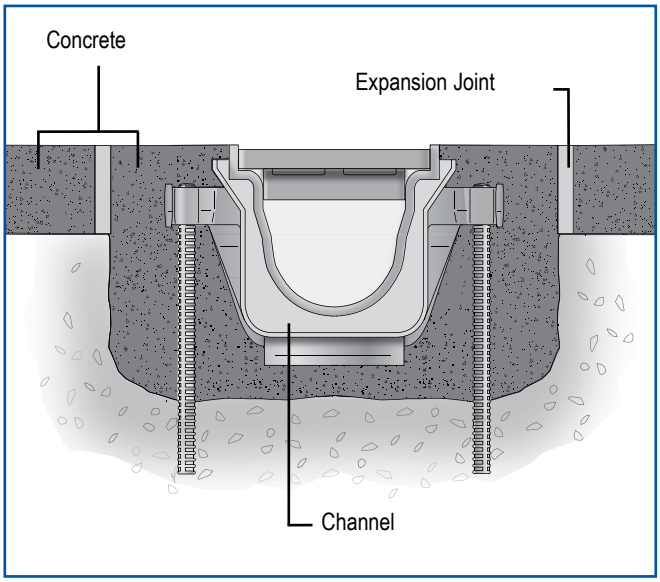


Concrete cradle

9 Pour the concrete in the channel trench

- Pour equal amounts of concrete on each side of the channel to prevent the channel from shifting.
- Vibrate the concrete to avoid bubbles or voids.

Tip: Installations in asphalt require the same concrete encasements.

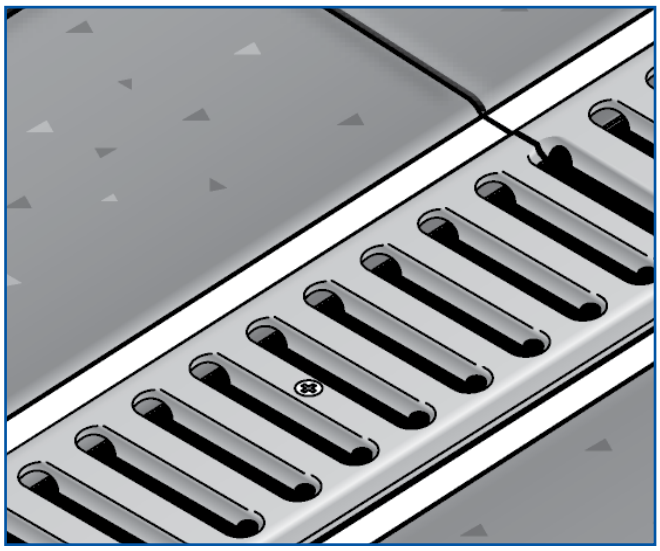


Channel cross-section for pour

10 Clean up the installation

- After the concrete has set for a minimum of 24 hours, remove the Blank Grate Inserts.
- Install the grates.
- Ensure that all the grates are securely fastened.

Note: Follow the concrete manufacturer's recommendations for set-up time and loading.

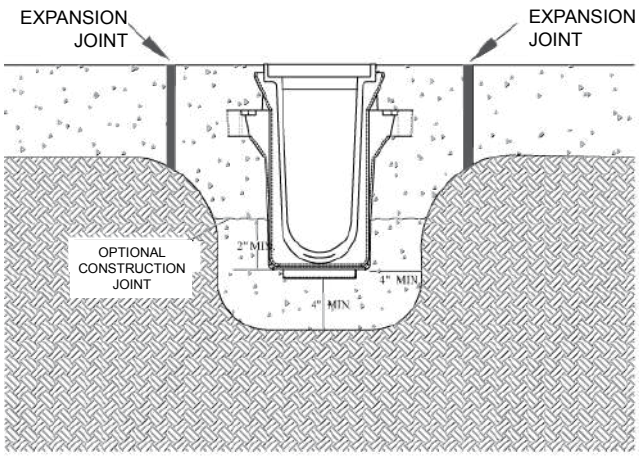


Finished installation

Load Class Installation

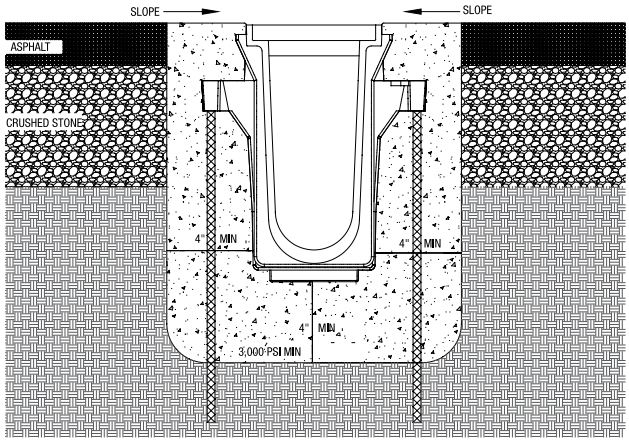
Note: For all load class installations recess Hydro-FLO below grade: 1/4" for vehicular traffic, 1/8" for pedestrian traffic. When using iron frame WN-900 no additional recess is needed.

Class A

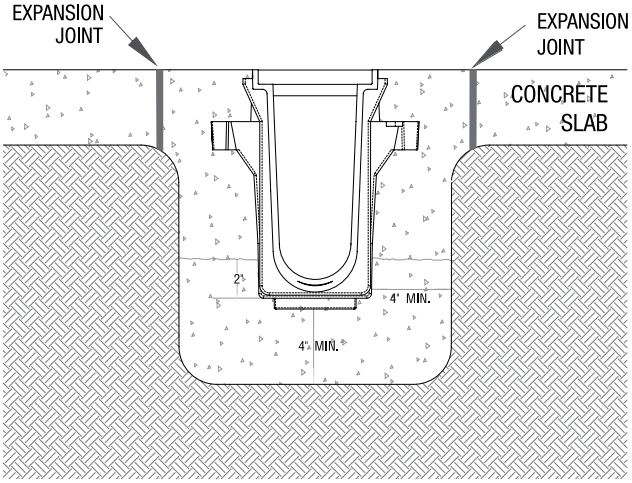


Set trench drain in channel surrounded by 4" of concrete or thickness of the concrete slab with a minimum of 2,500 psi.

Class B



Set trench drain in channel surrounded by 4" of concrete with a minimum of 3,000 psi. Install #4 re-bar to stabilize drain while concrete is being poured. Make sure re-bar is 1" below finished surface.



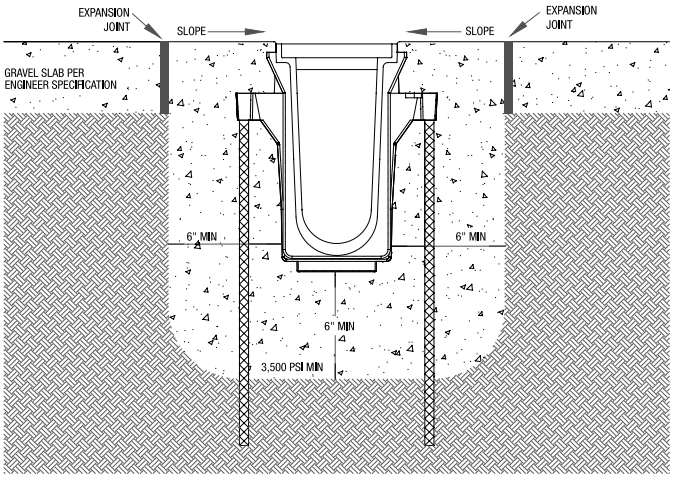
Set trench drain in channel surrounded by 4" of concrete or thickness of the concrete slab with a minimum of 3,000 psi.

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125 East Plaza Dr., Suite. 104 Westfield Center
Mooresville, NC 28115-8812 (704) 664-7888

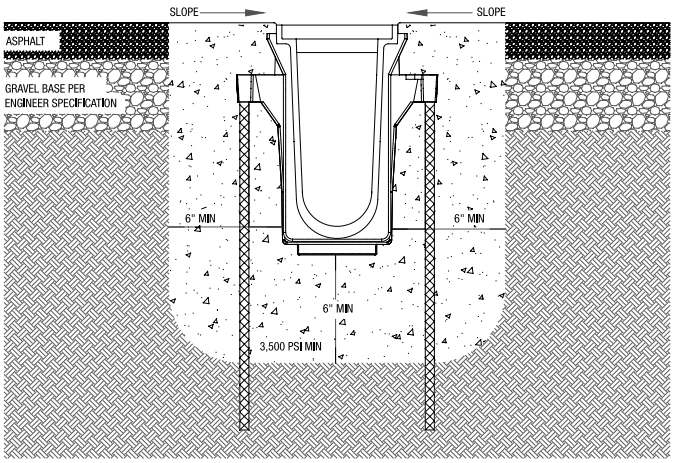
Load Class Installation

Note: For all load class installations recess Hydro-FLO below grade: 1/4" for vehicular traffic, 1/8" for pedestrian traffic. When using iron frame WN-900 no additional recess is needed.

Class C

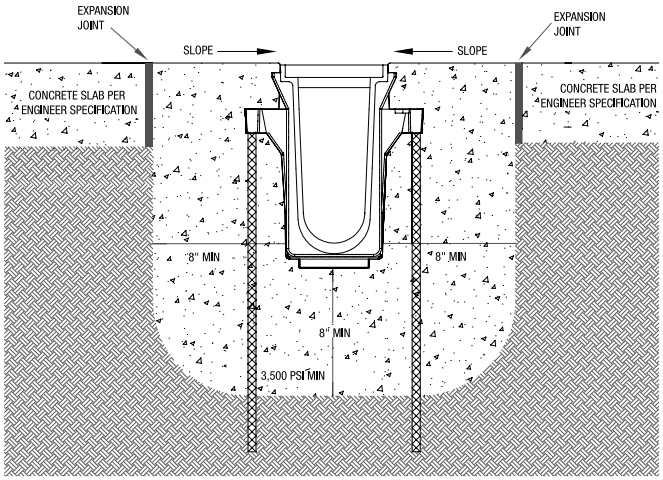


Set trench drain in channel surrounded by 6" of concrete with a minimum of 3,500 psi. Install #4 re-bar to stabilize drain while concrete is being poured. Make sure re-bar is 1" below finished surface.

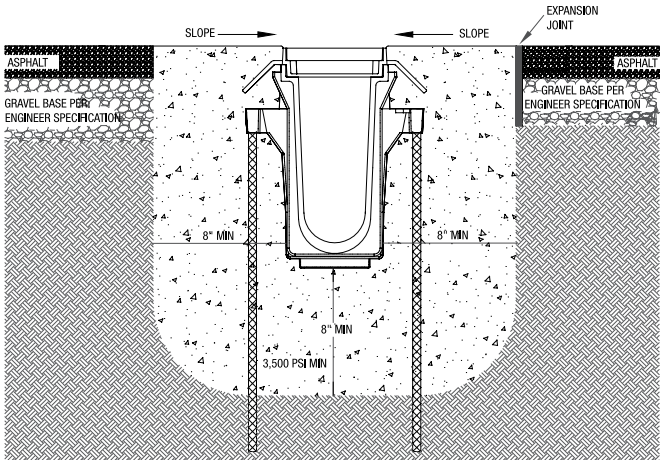


Set trench drain in channel surrounded by 6" of concrete with a minimum of 3,500 psi. Install #4 re-bar to stabilize drain while concrete is being poured. Make sure re-bar is 1" below finished surface.

Class D



Set trench drain in channel surrounded by 8" of concrete with a minimum of 3,500 psi. Install #4 re-bar to stabilize drain while concrete is being poured. Make sure re-bar is 1" below finished surface.



Set trench drain in channel surrounded by 8" of concrete with a minimum of 3,500 psi. Install #4 re-bar to stabilize drain while concrete is being poured. Make sure re-bar is 1" below finished surface.

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Note: WN-900 Ductile Iron Frame is recommended for use with forklift traffic.

Zurn / Wade Comparison (HDPE Trench)

Zurn 6"	Invert
8601	3.50-4.10
8602	4.10-4.70
8603	4.70-5.30
8603N	5.30-5.30
8604	5.30-5.90
8605	5.90-6.50
8606	6.50-7.10
8606N	7.10-7.10
8607	7.10-7.70
8608	7.70-8.30
8609	8.30-8.90
8610	8.90-9.50
8611	9.50-10.10
8612	10.10-10.70
8612N	10.72-10.70
8613	10.70-11.30
8614	11.30-11.90
8615	11.90-12.50
End Caps	
Zurn	Wade
E1	UEP
E2	USP
Catch Basins	
Z887	WN-940
E6/U6	UO6
E8/U8	UO8
IA	OUO
IA	SUO
Y	GTB
Outlets	
U2	NH2
U3	NH3
U4	NH4
U6	NH6

Wade 6"	Invert
WN900-090N	3.99-3.99
WN900-091	3.99-4.33
WN900-091N	4.33-4.33
WN900-092	4.33-4.67
WN900-093	4.67-5.00
WN900-094	5.00-5.34
WN900-094N	5.34-5.34
WN900-095	5.34-5.68
WN900-096	5.68-6.01
WN900-097	6.01-6.35
WN900-097N	6.35-6.35
WN900-098	6.35-6.69
WN900-099	6.69-7.02
WN900-100	7.02-7.36
WN900-100N	7.36-7.36
WN900-101	7.36-7.69
WN900-102	7.69-8.03
WN900-103	8.03-8.37
WN900-103N	8.37-8.37
WN900-104	8.37-8.70
WN900-105	8.70-9.04
WN900-106	9.04-9.37
WN900-106N	9.37-9.37
WN900-107	9.37-9.71
WN900-108	9.71-10.05
WN900-109	10.05-10.38
WN900-109N	10.38-10.38
WN900-110	10.38-10.72
WN900-111	10.72-11.05
WN900-112	11.05-11.39
WN900-112N	11.39-11.39
WN900-113	11.39-11.73
WN900-114	11.73-12.06

Grates	
Zurn	Wade
AWG	N/E
AVB	N/E
BCB	BCK
BDC	HDP
BDD	BDK
BDE	DEP
BG	DBG
BZ	BZK
CBF	CLP
DBG	DBP
DB	DBS
DC	DMP
DCD	DCP
DCE	DMP
DDD	DDP
DGC	HDP
DGE	DEP
DOG	DZP
DTW	DTP
DWV	DWP
FG	CSG
FGF	XLP
FS	SDS
GDC	HDG
GDE	DEG
GFG	XLG
GG	N/E
GHPD	HPG
GHPDE	HPG
GMG	GMG
HDD	HHP
HDF	CLP
HDS	SLS
HPB	BBK
HPD	HPP

Grates	
Zurn	Wade
HPDE	HPP
HPP	HPP
HPS	SSS
HR	DRP-DLP
LD	DHP
NBZ	BZK
PDE	DNP
PG	FPG
PGR	FPGR
PPC	PPG
PS	SPS
PSR	SPSR
PVS	CN
PVSG	CM
PVSS	CNS
RFG	CSG
RFGC	RSG
RFSC	SFS
RPG	CPG
RPGC	CPG
RPGR	CPGR
RPGRC	N/E
RPS	SRS
RPSC	SRS
RPSRC	SRSR
SBG	SBS
SBG-L	SBS
SC	SMS
SCD	SCS
SDD	DDS
SMG	SMG
SOG	SZS
SVF	SVS
SW	N/E
SWG	SWG

Zurn / Wade Comparison (S/S Trench)

Zurn 6"	Invert	Wade 6"	Invert	Zurn 12"	Invert	Wade 12"	Invert
89001	3.50-4.13	2930SS-AB	3.00-3.50	89501	6.00-6.63	2940SS-AB	3.00-3.50
89002	4.13-4.75	2930SS-BC	3.50-4.00	89502	6.63-7.25	2940SS-BC	3.50-4.00
89002N	4.75-4.75	2930SS-CC	4.00-4.00	89502N	7.25-7.25	2940SS-CC	4.00-4.00
89003	4.75-5.38	2930SS-CD	4.00-4.50	89503	7.25-7.88	2940SS-CD	4.00-4.50
89004	5.38-6.00	2930SS-DE	4.50-5.00	89504	7.88-8.50	2940SS-DE	4.50-5.00
89004N	6.00-6.00	2930SS-EE	5.00-5.00	89504N	8.50-8.50	2940SS-EE	5.00-5.00
89005	6.00-6.63	2930SS-EF	5.00-5.50	89505	8.50-9.13	2940SS-EF	5.00-5.50
89006	6.63-7.25	2930SS-FG	5.50-6.00	89506	9.13-9.75	2940SS-FG	5.50-6.00
89006N	7.25-7.25	2930SS-GG	6.00-6.00	89507	9.75-9.75	2940SS-GG	6.00-6.00
89007	7.25-7.88	2930SS-GH	6.00-6.50	89508	9.75-10.38	2940SS-GH	6.00-6.50
89008	7.88-8.50	2930SS-HI	6.50-7.00	89508	10.38-11.00	2940SS-HI	6.50-7.00
89008N	8.50-8.50	2930SS-II	7.00-7.00	89508N	11.00-11.00	2940SS-II	7.00-7.00
89009	8.50-9.13	2930SS-IJ	7.00-7.50	89509	11.00-11.63	2940SS-IJ	7.00-7.50
89010	9.13-9.75	2930SS-JK	7.50-8.00	89510	11.63-12.25	2940SS-JK	7.50-8.00
89010N	9.75-9.75	2930SS-KK	8.00-8.00	89510N	12.25-12.88	2940SS-KK	8.00-8.00
89011	9.75-10.38	2930SS-KL	8.00-8.50	89511	12.88-13.50	2940SS-KL	8.00-8.50
89012	10.38-11.00	2930SS-LM	8.50-9.00	89512	13.50-13.50	2940SS-LM	8.50-9.00
89012N	11.00-11.00	2930SS-MM	9.00-9.00	89512N	13.50-14.13	2940SS-MM	9.00-9.00
89013	11.00-11.63	2930SS-MN	9.00-9.50	89513	14.13-14.75	2940SS-MN	9.00-9.50
89014	11.63-12.25	2930SS-NO	9.50-10.00	89514	14.75-14.75	2940SS-NO	9.50-10.00
89015	12.25-12.88	2930SS-OO	10.00-10.00	89515	14.75-15.38	2940SS-OO	10.00-10.00
89016	12.88-13.50	2930SS-OP	10.00-10.50	89516	15.38-16.00	2940SS-OP	10.00-10.50
89016N	13.50-13.50	2930SS-PQ	10.50-11.00	89516N	16.00-16.00	2940SS-PQ	10.50-11.00
89017	13.50-14.13	2930SS-QQ	11.00-11.00	89517	16.00-16.63	2940SS-QQ	11.00-11.00
89018	14.13-14.75	2930SS-QR	11.00-11.50	89518	16.63-17.25	2940SS-QR	11.00-11.50
89018N	14.75-14.75	2930SS-RS	11.50-12.00	89518N	17.25-17.25	2940SS-RS	11.50-12.00
89019	14.75-15.38	2930SS-SS	12.00-12.00	89519	17.25-17.88	2940SS-SS	12.00-12.00
89020	15.38-16.00	2930SS-ST	12.00-12.50	89520	17.88-18.50	2940SS-ST	12.00-12.50
		2930SS-TU	12.50-13.00			2940SS-TU	12.50-13.00
		2930SS-UU	13.00-13.00			2940SS-UU	13.00-13.00
		2930SS-UV	13.00-13.50			2940SS-UV	13.00-13.50
		2930SS-VW	13.50-14.00			2940SS-VW	13.50-14.00

Suffix Options		Suffix Options		Suffix Options		Suffix Options	
Zurn	Wade	Zurn	Wade	Zurn	Wade	Zurn	Wade
DB	9	E4	SO4NH	PS	SPS	U8	NH8
E1	EP	E6	SO6NH	RFS	SFS	VP	VP
E2	SO2NH	E8	SO8NH	RPS	SRS		
E3	SO3NH	FS	SDS	SBG	SBS		

Zurn / Wade Comparison (S/S Trench)

Zurn 18"	Invert	Wade 18"	Invert	Zurn 24"	Invert	Wade 24"	Invert
89801	6.00-6.63	2960SS-AB	3.00-3.50	89401	6.00-6.63	2960-SS-AB	3.00-3.50
89802	6.63-7.25	2960SS-BC	3.50-4.00	89402	6.63-7.25	2960-SS-BC	3.50-4.00
89802N	7.25-7.25	2960SS-CC	4.00-4.00	89402N	7.25-7.25	2960-SS-CC	4.00-4.00
89803	7.25-7.88	2960SS-CD	4.00-4.50	89403	7.25-7.88	2960-SS-CD	4.00-4.50
89804	7.88-8.50	2960SS-DE	4.50-5.00	89404	7.88-8.50	2960-SS-DE	4.50-5.00
89804N	8.50-8.50	2960SS-EE	5.00-5.00	89404N	8.50-8.50	2960-SS-EE	5.00-5.00
89805	8.50-9.13	2960SS-EF	5.00-5.50	89405	8.50-9.13	2960-SS-EF	5.00-5.50
89806	9.13-9.75	2960SS-FG	5.50-6.00	89406	9.13-9.75	2960-SS-FG	5.50-6.00
89806N	9.75-9.75	2960SS-GG	6.00-6.00	89406N	9.75-9.75	2960-SS-GG	6.00-6.00
89807	9.75-10.38	2960SS-GH	6.00-6.50	89407	9.75-10.38	2960-SS-GH	6.00-6.50
89808	10.38-11.00	2960SS-HI	6.50-7.00	89408	10.38-11.00	2960-SS-HI	6.50-7.00
89808N	11.00-11.00	2960SS-II	7.00-7.00	89408N	11.00-11.00	2960-SS-II	7.00-7.00
89509	11.00-11.63	2960SS-IJ	7.00-7.50	89409	11.00-11.63	2960-SS-IJ	7.00-7.50
89810	11.63-12.25	2960SS-JK	7.50-8.00	89410	11.63-12.25	2960-SS-JK	7.50-8.00
89810N	12.25-12.88	2960SS-KK	8.00-8.00	89410N	12.25-12.88	2960-SS-KK	8.00-8.00
89811	12.88-13.50	2960SS-KL	8.00-8.50	89411	12.88-13.50	2960-SS-KL	8.00-8.50
89812	13.50-13.50	2960SS-LM	8.50-9.00	89412	13.50-13.50	2960-SS-LM	8.50-9.00
89812N	13.50-14.13	2960SS-MM	9.00-9.00	89412N	13.50-14.13	2960-SS-MM	9.00-9.00
89813	14.13-14.75	2960SS-MN	9.00-9.50	89413	14.13-14.75	2960-SS-MN	9.00-9.50
89814	14.75-14.75	2960-SS-NO	9.50-10.00	89414	14.75-14.75	2960-SS-NO	9.50-10.00
89815	14.75-15.38	2960SS-OO	10.00-10.00	89415	14.75-15.38	2960-SS-OO	10.00-10.00
89816	15.38-16.00	2960SS-OP	10.00-10.50	89416	15.38-16.00	2960-SS-OP	10.00-10.50
89816N	16.00-16.00	2960SS-PQ	10.50-11.00	89416N	16.00-16.00	2960-SS-PQ	10.50-11.00
89817	16.00-16.63	2960SS-QQ	11.00-11.00	89417	16.00-16.63	2960-SS-QQ	11.00-11.00
89818	16.63-17.25	2960SS-QR	11.00-11.50	89418	16.63-17.25	2960-SS-QR	11.00-11.50
89818N	17.25-17.25	2960SS-RS	11.50-12.00	89418N	17.25-17.25	2960-SS-RS	11.50-12.00
89819	17.25-17.88	2960SS-SS	12.00-12.00	89419	17.25-17.88	2960-SS-SS	12.00-12.00
89820	17.88-18.50	2960SS-ST	12.00-12.50	89420	17.88-18.50	2960-SS-ST	12.00-12.50
		2960SS-TU	12.50-13.00			2960-SS-TU	12.50-13.00
		2960SS-UU	13.00-13.00			2960-SS-UU	13.00-13.00
		2960SS-UV	13.00-13.50			2960-SS-UV	13.00-13.50
		2960SS-VW	13.50-14.00			2960-SS-VW	13.50-14.00

Outlet Options		Outlet & Suffix Options		Suffix Options		Suffix Options	
Zurn	Wade	Zurn	Wade	Zurn	Wade	Zurn	Wade
E1	EP	E6	SO6NH	RFS	SFS	VP	VP
E2	SO2NH	E8	SO8NH	RPS	SRS		
E3	SO3NH	FS	SDS	SBG	SBS		
E4	SO4NH	GG	FGG	U2	NH2		

NDS Dura Slope / Wade Comparison (HDPE Trench)

NDS	Invert	Wade	Invert	Grates	
				NDS	Wade
DS-090N	3.99-3.99	WN900-090N	3.99-3.99	DS-221	CSG
DS-091	3.99-4.33	WN900-091	3.99-4.33	DS-226	SPS
DS-091N	4.33-4.33	WN900-091N	4.33-4.33	DS-228	FPG
DS-092	4.33-4.67	WN900-092	4.33-4.67	DS-231	HDP
DS-093	4.67-5.00	WN900-093	4.67-5.00	DS-232	HDP
DS-094	5.00-5.34	WN900-094	5.00-5.34	DS-601	NWP
DS-094N	5.34-5.34	WN900-094N	5.34-5.34	DS-601R	NWR
DS-095	5.34-5.68	WN900-095	5.34-5.68	DS-602	NDP
DS-096	5.68-6.01	WN900-096	5.68-6.01	DS-602R	NDR
DS-097	6.01-6.35	WN900-097	6.01-6.35	DS-603	NTP
DS-097N	6.35-6.35	WN900-097N	6.35-6.35	DS-603R	NTR
DS-098	6.35-6.69	WN900-098	6.35-6.69	DS-604	NBP
DS-099	6.69-7.02	WN900-099	6.69-7.02	DS-604R	NBR
DS-100	7.02-7.36	WN900-100	7.02-7.36	DS-609	NSP
DS-100N	7.36-7.36	WN900-100N	7.36-7.36	DS-609R	NSR
DS-101	7.36-7.69	WN900-101	7.36-7.69	DS-670	PPG
DS-102	7.69-8.03	WN900-102	7.69-8.03	DS-671	PPW
DS-103	8.03-8.37	WN900-103	8.03-8.37	DS-ST4	COG4
DS-103N	8.37-8.37	WN900-103N	8.37-8.37	660	PWW
DS-104	8.37-8.70	WN900-104	8.37-8.70	661	PBD
DS-105	8.70-9.04	WN900-105	8.70-9.04	661LG	PSG
DS-106	9.04-9.37	WN900-106	9.04-9.37	662	PGG
DS-106N	9.37-9.37	WN900-106N	9.37-9.37	663	PBB
DS-107	9.37-9.71	WN900-107	9.37-9.71	664	PSA
DS-108	9.71-10.05	WN900-108	9.71-10.05	665	PBR
DS-109	10.05-10.38	WN900-109	10.05-10.38	Frames	
DS-109N	10.38-10.38	WN900-109N	10.38-10.38	DS-200	DLP
DS-110	10.38-10.72	WN900-110	10.38-10.72	Accessories	
DS-111	10.72-11.05	WN900-111	10.72-11.05	DS-122	WN900-GL
DS-112	11.05-11.39	WN900-112	11.05-11.39	DS-126	
DS-112N	11.39-11.39	WN900-112N	11.39-11.39	DS-224	WN900-UEP
DS-113	11.39-11.73	WN900-113	11.39-11.73	DS-123	WN900-ECS
DS-114	11.73-12.06	WN900-114	11.73-12.06	DS-225	WN900-GFSP
				DS-227	WN900-USP
				DS-650	N/A
				1243	WN900-SUO
				1245	WN900-OUO
				1266	WN900-UO6
				1888	WN900-UO8

Jay R. Smith / Wade Comparison (S/S Trench)

J..R. Smith	Invert
9660-1	3.75-4.00
9660-2	4.00-4.25
9660-2N	4.25-4.25
9660-3	4.25-4.50
9660-4	4.50-4.75
9660-045	4.50-4.75
9660-5	4.75-5.00
9660-5N	5.00-5.00
9660-6	5.00-5.25
9660-7	5.25-5.50
9660-8	5.50-5.75
9660-9	5.75-6.00
9660-095	6.00-6.00
9660-10	6.00-6.25
9660-10N	6.25-6.25
9660-11	6.25-6.50
9660-12	6.50-6.75
9660-13	6.75-7.00
9660-14	7.00-7.25
9660-15	7.25-7.50
9660-15N	7.50-7.50
Catch Basin	
J.R. Smith	Wade
9660-CB	2930SSB
Trench w/ Outlet	
J.R. Smith	Wade
9665	2930SS-AA-4NH

Wade	Invert
2930SS-AB	3.00-3.50
2930SS-BC	3.50-4.00
2930SS-CC	4.00-4.00
2930SS-CD	4.00-4.50
2930SS-DE	4.50-5.00
2930SS-EE	5.00-5.00
2930SS-EF	5.00-5.50
2930SS-FG	5.50-6.00
2930SS-GG	6.00-6.00
2930SS-GH	6.00-6.50
2930SS-HI	6.50-7.00
2930SS-II	7.00-7.00
2930SS-IJ	7.00-7.50
2930SS-JK	7.50-8.00
2930SS-KK	8.00-8.00
2930SS-KL	8.00-8.50
2930SS-LM	8.50-9.00
2930SS-MM	9.00-9.00
2930SS-MN	9.00-9.50
2930SS-NO	9.50-10.00
2930SS-OO	10.00-10.00
2930SS-OP	10.00-10.50
2930SS-PQ	10.50-11.00
2930SS-QQ	11.00-11.00
2930SS-QR	11.00-11.50
2930SS-RS	11.50-12.00
2930SS-SS	12.00-12.00
2930SS-ST	12.00-12.50
2930SS-TU	12.50-13.00
2930SS-UU	13.00-13.00
2930SS-UV	13.00-13.50
2930SS-VW	13.50-14.00

Suffix Options	
J.R. Smith	Wade
ASNG	RP
BW	BW
BSS	27
DBS	9
F	24
FC	26
Grates	
SSHD	SFS
SSHDE	SES
SSP	SRS
SBG	SBS
SS	SDS
SSADA	SSS
SSPA	SPS
SSM	SSM
316SS	316

Jay R. Smith / Wade Comparison (HDPE Trench)

J.R. Smith	Invert	J.R. Smith	Invert	Wade	Invert	Grates	
9930-1	4.00-4.38	9930-1N	4.38-4.38	WN900-090N	3.99-3.99	J.R. Smith	Wade
9930-2	4.38-4.62	9930-2N	4.62-4.62	WN900-091	3.99-4.33	G	CSG
9930-3	4.62-4.88	9930-3N	4.88-4.88	WN900-091N	4.33-4.33	GHD	RSG
9930-4	4.88-5.12	9930-4N	5.12-5.12	WN900-092	4.33-4.67	GM	N/A
9930-5	5.12-5.38	9930-5N	5.38-5.38	WN900-093	4.67-5.00	GP	FPG
9930-6	5.38-5.62	9930-6N	5.62-5.62	WN900-094	5.00-5.34	GPHD	CPG
9930-7	5.62-5.88	9930-7N	5.88-5.88	WN900-094N	5.34-5.34	HPP	PPG
9930-8	5.88-6.12	9930-8N	6.12-6.12	WN900-095	5.34-5.68	ID	DC
9930-9	6.12-6.38	9930-9N	6.386.38	WN900-096	5.68-6.01	M	DX
9930-10	6.38-6.62	9930-10N	6.62-6.62	WN900-097	6.01-6.35	MD	DZ
9930-11	6.62-6.68	9930-11N	6.68-6.68	WN900-097N	6.35-6.35	PADAB	PBB
9930-12	6.68-7.12	9930-12N	7.12-7.12	WN900-098	6.35-6.69	PADAG	PSG
9930-13	7.12-7.38	9930-13N	7.38-7.38	WN900-099	6.69-7.02	RC	PSB
9930-14	7.38-7.62	9930-14N	7.62-7.62	WN900-100	7.02-7.36	SS	SDS
9930-15	7.62-7.88	9930-15N	7.88-7.88	WN900-100N	7.36-7.36	SSADA	SWS
9930-16	7.88-8.12	9930-16N	8.12-8.12	WN900-101	7.36-7.69	SSHD	SFS
9930-17	8.12-8.38	9930-17N	8.38-8.38	WN900-102	7.69-8.03	SSM	SWS
9930-18	8.38-8.62	9930-18N	8.62-8.62	WN900-103	8.03-8.37	SSP	SRS
9930-19	8.62-8.88	9930-19N	8.88-8.88	WN900-103N	8.37-8.37	SSPA	SPS
9930-20	8.88-9.12	9930-20N	9.12-9.12	WN900-104	8.37-8.70	BP	GTB
9935	Catch Basin	N - Indicates Neutral Section		WN900-105	8.70-9.04	ES	UEP
Above w/ HD Frame		Above w/ HD Frame		WN900-106	9.04-9.37	ED	UEP
9931-1	5.00-5.50	9931-1N	4.38-4.38	WN900-106N	9.37-9.37	H4	USP
9931-2	5.50-5.75	9931-2N	4.62-4.62	WN900-107	9.37-9.71	9931	DLP
9931-3	5.75-6.00	9931-3N	4.88-4.88	WN900-108	9.71-10.05		
9931-4	6.00-6.25	9931-4N	5.12-5.12	WN900-109	10.05-10.38		
9931-5	6.25-6.50	9931-5N	5.38-5.38	WN900-109N	10.38-10.38		
9931-6	6.50-6.75	9931-6N	5.62-5.62	WN900-110	10.38-10.72		
9931-7	6.75-7.00	9931-7N	5.88-5.88	WN900-111	10.72-11.05		
9931-8	7.00-7.25	9931-8N	6.12-6.12	WN900-112	11.05-11.39		
9931-9	7.25-7.50	9931-9N	6.386.38	WN900-112N	11.39-11.39		
9931-10	7.50-7.75	9931-10N	6.62-6.62	WN900-113	11.39-11.73		
9931-11	7.75-8.00	9931-11N	6.68-6.68	WN900-114	11.73-12.06		
9931-12	8.00-8.25	9931-12N	7.12-7.12	N - Indicates Neutral Section			
9931-13	8.25-8.50	9931-13N	7.38-7.38				
9931-14	8.50-8.75	9931-14N	7.62-7.62				
9931-15	8.75-9.00	9931-15N	7.88-7.88				
9931-16	9.00-9.25	9931-16N	8.12-8.12				
9931-17	9.25-9.50	9931-17N	8.38-8.38				
9931-18	9.50-9.75	9931-18N	8.62-8.62				
9931-19	9.75-10.00	9931-19N	8.88-8.88				
9931-20	10.00-10.25	9931-20N	9.12-9.12				
9936	Catch Basin	N - Indicates Neutral Section					

Watts / Wade Comparison (HDPE Trench)

Watts 6"	Invert	Wade 6"	Invert	Grates		Suffix Options	
				Watts	Wade	Watts	Wade
DI-AA-N48	5.63-5.63	WN900-090N-DLP	3.99-3.99				
DI-1A	5.63-5.94	WN900-091-DLP	3.99-4.33	BK	SES	B6	WN940
DI-2A	5.94-6.25	WN900-091N-DLP	4.33-4.33	BR	BZK	B6T	WN940-GTB
DI-3A	6.25-6.56	WN900-092-DLP	4.33-4.67	DI	HDP	B24	WN940CB
DI-4A	6.56-6.88	WN900-093-DLP	4.67-5.00	DI-ADA	HPP	B24T	WN940CB-GTB
DI-5A	6.88-7.19	WN900-094-DLP	5.00-5.34	DL-GF	XL	EC	UEP
DI-AB-N12	7.19-7.19	WN900-094N-DLP	5.34-5.34	DLP-GF	Standard	FB	2
DI-AB-N24	7.19-7.19	WN900-095-DLP	5.34-5.68	FG	N/E	FG	CLG
DI-AB-N36	7.19-7.19	WN900-096-DLP	5.68-6.01	GDI	HDG	FS	SLS
DI-AB-N48	7.19-7.19	WN900-097-DLP	6.01-6.35	GP	FPG	OS	27
DI-1B	7.19-7.50	WN900-097N-DLP	6.35-6.35	GS	CSG	US	BAA
DI-2B	7.50-7.81	WN900-098-DLP	6.35-6.69	PP	PSB	VP	VP
DI-3B	7.81-8.13	WN900-099-DLP	6.69-7.02	RGP	CPG		
DI-4B	8.13-8.44	WN900-100-DLP	7.02-7.36	RGS	RSG		
DI-5B	8.44-8.75	WN900-100N-DLP	7.36-7.36	RSP	SRS		
DI-BC-N12	8.75-8.75	WN900-101-DLP	7.36-7.69	RSS	SFS		
DI-BC-N24	8.75-8.75	WN900-102-DLP	7.69-8.03	SP	SPS		
DI-BC-N36	8.75-8.75	WN900-103-DLP	8.03-8.37	SS	SDS		
DI-BC-N48	8.75-8.75	WN900-103N-DLP	8.37-8.37	SCI	DMP		
DI-1C	8.75-9.06	WN900-104-DLP	8.37-8.70				
DI-2C	9.06-9.38	WN900-105-DLP	8.70-9.04				
DI-3C	9.38-9.69	WN900-106-DLP	9.04-9.37				
DI-4C	9.69-10.00	WN900-106N-DLP	9.37-9.37				
DI-5C	10.00-10.31	WN900-107-DLP	9.37-9.71				
DI-CD-N12	10.31-10.31	WN900-108-DLP	9.71-10.05				
DI-CD-N24	10.31-10.31	WN900-109-DLP	10.05-10.38				
DI-CD-N36	10.31-10.31	WN900-109N-DLP	10.38-10.38				
DI-CD-N48	10.31-10.31	WN900-110-DLP	10.38-10.72				
DI-1D	10.31-10.63	WN900-111-DLP	10.72-11.05				
DI-2D	10.63-10.94	WN900-112-DLP	11.05-11.39				
DI-3D	10.94-11.25	WN900-112N-DLP	11.39-11.39				
DI-4D	11.25-11.56	WN900-113-DLP	11.39-11.73				
DI-5D	11.56-11.88	WN900-114-DLP	11.73-12.06				
DI-DE-N12	11.88-11.88						
DI-DE-N24	11.88-11.88						
DI-DE-N36	11.88-11.88						
DI-DE-N48	11.88-11.88						
DI-1E	11.8812.19						
DI-2E	12.19-12.50						
DI-3E	12.50-12.81						
DI-4E	12.81-13.13						
DI-5E	13.13-13.44						

Watts / Wade Comparison (HDPE Trench)

Watts	Invert	Wade	Invert	Grates		Grates	
				Watts	Wade	Watts	Wade
PP-AA-N48	5.63-5.63	WN900-090N	3.99-3.99				
PP-1A	5.63-5.94	WN900-091	3.99-4.33	BK	SES	B6	WN940
PP-2A	5.94-6.25	WN900-091N	4.33-4.33	BR	BZK	B6T	WN940-GTB
PP-3A	6.25-6.56	WN900-092	4.33-4.67	DI	HDP	B24	WN940CB
PP-4A	6.56-6.88	WN900-093	4.67-5.00	DI-ADA	HPP	B24T	WN940CB-GTB
PP-5A	6.88-7.19	WN900-094	5.00-5.34	DL-GF	XL	EC	UEP
PP-AB-N12	7.19-7.19	WN900-094N	5.34-5.34	DLP-GF	Standard	FB	2
PP-AB-N24	7.19-7.19	WN900-095	5.34-5.68	FG	N/E	FG	CLG
PP-AB-N36	7.19-7.19	WN900-096	5.68-6.01	GDI	HDG	FS	SLS
PP-AB-N48	7.19-7.19	WN900-097	6.01-6.35	GP	FPG	OS	27
PP-1B	7.19-7.50	WN900-097N	6.35-6.35	GS	CSG	US	BAA
PP-2B	7.50-7.81	WN900-098	6.35-6.69	PP	PSB	VP	VP
PP-3B	7.81-8.13	WN900-099	6.69-7.02	RGP	CPG		
PP-4B	8.13-8.44	WN900-100	7.02-7.36	RGS	RSG		
PP-5B	8.44-8.75	WN900-100N	7.36-7.36	RSP	SRS		
PP-BC-N12	8.75-8.75	WN900-101	7.36-7.69	RSS	SFS		
PP-BC-N24	8.75-8.75	WN900-102	7.69-8.03	SP	SPS		
PP-BC-N36	8.75-8.75	WN900-103	8.03-8.37	SS	SDS		
PP-BC-N48	8.75-8.75	WN900-103N	8.37-8.37	SCI	DMP		
PP-1C	8.75-9.06	WN900-104	8.37-8.70				
PP-2C	9.06-9.38	WN900-105	8.70-9.04				
PP-3C	9.38-9.69	WN900-106	9.04-9.37				
PP-4C	9.69-10.00	WN900-106N	9.37-9.37				
PP-5C	10.00-10.31	WN900-107	9.37-9.71				
PP-CD-N12	10.31-10.31	WN900-108	9.71-10.05				
PP-CD-N24	10.31-10.31	WN900-109	10.05-10.38				
PP-CD-N36	10.31-10.31	WN900-109N	10.38-10.38				
PP-CD-N48	10.31-10.31	WN900-110	10.38-10.72				
PP-1D	10.31-10.63	WN900-111	10.72-11.05				
PP-2D	10.63-10.94	WN900-112	11.05-11.39				
PP-3D	10.94-11.25	WN900-112N	11.39-11.39				
PP-4D	11.25-11.56	WN900-113	11.39-11.73				
PP-5D	11.56-11.88	WN900-114	11.73-12.06				
PP-DE-N12	11.88-11.88						
PP-DE-N24	11.88-11.88						
PP-DE-N36	11.88-11.88						
PP-DE-N48	11.88-11.88						
PP-1E	11.8812.19						
PP-2E	12.19-12.50						
PP-3E	12.50-12.81						
PP-4E	12.81-13.13						
PP-5E	13.1313.44						

Mifab / Wade Comparison (Carbon Steel or Stainless Steel Trench)

Mifab	Invert	Suffix Options		Grate Options		Grate Options	
		Mifab	Wade	Mifab	Wade	Mifab	Wade
P6012	2910SS-SPS-FBE	3	85	4	HDP	PFO-13	CLG
P6030	2911SS-SPS-FBE	5	27	4-3	HDP	PFO-3	SLS
P6060	2930SS-SDS	6	VP	4-11	HDE	PFO-4	CLP
P6120	2940SS-SDS	7MG	TSD	4-13	HDG	PG	SPS
P6150	2900SS-SDS-F	11	ARE	BBS	SRG	PGF	
P6230	2903SS-SDS-F	12	39	CDA	SCS	PGG	FPG
P6260	2906SS-SDS-F	13	G	CDB	SCS	PGHPP	PPG
P6290	2901SS-SDS-F	20	9	CSM	STS	PGLVP	GL
P6325	2903SS-SES	24	L24	DDA	DDS	PGV-4-3	CLG-SPP
P6335	2903SS-SES-WB	32	L32	DDB	DDS	PGV-LG-4-3	CLP-SPP
P6345	2903SS-SES	36	L36	DSG	CSD	PHP	SPS
P6400	2901SS-SBS	42	L42	DWG	DWP	PS	SPS
P9000	2910SS-SQS	45	45	F-4	DXP	RFS	SFS
T250	2910CS-HDP	48	L48	F4-11	DXE	RG	CPG
T275	2917CS-HDP	60	L60	F4-13	DXG	RPS	SRS
T1000	900-SDS	90	90	F4-3	DXS	RSC	RB
T1100	900-HDP-DLP	BAA	BAA	FIB	N/E	SBG	SBS
T1150	991-HDP-1FT	C	26	FS	SDS	SBGGS	DBG
T1200	991-HDP	CF	CROSS	FSB	RSG	SBGST	DBP
T1200-F2	991-HDP-F2	CUT	CUT	FSGA	CSG	SC	DMP
T1330-FL-FAB	2930CS-FB-HDP	F	F	HD	CLP-HDP	SD	CNG
T1330-FL-FAB-TL	2930CS-VB-HDP	FIB	N/E	HD-13	CLG-HDG	SD-3	SES
T1360-FL-FAB	2940CS-FB-HDP	FL	24	HP-4	HPP	SD-BRS	CNG
T1360-FL-FAB-TL	2940CS-VB-HDP	TEE	TEE	HP-4-13	HPG	SDG	DZP
T2000-CB1224	2940CSB-HDP	TI	STS	HPP	PSB	SHP	SDS-11
T2000-CB2424	2940CSC-HDP	Outlet Options		HPP-GREY	PSG	SO	SO
T2400	2980CS-HDP	P	TY	HPP-TAN	PSA	SOF	SO
T2400F	2940CS-F2	T	IPS	HPSS	SSS	SSDA	DDS
T4000-HDSC	2940CS-CMP	X	IC	LCB	SDS	SSDB	SZS
		PB2	2NH	LCC	SFS	SSDS	SZS
		PB3	3NH	LCD	SBS	SSWG	SWG
		PB4	4NH	LCE	SBS	SVF	DPS
		PB-45	2NH45	LG-4	HPP	SW	XT
		PB6	6NH	LCC	SFS		
		PB8	8NH	LCD	SBS		
		PB-90	2NH90	LCE	SBS		
		SO	SO	LG-4	HPP		
		2EO	2NH	LG-4-13	HPG		
		3EO	3NH	LG-4-13	DHG		
		4EO	4NH	LG-4-3	SPP		
				LGHP	RHG		
				LS	SSS		
				NS	SRG		
				PCSS	SMS		
				PFO-11	CLE		

Mifab / Wade Comparison (HDPE Trench)

Mifab	Invert	Wade	Invert	Grates		Grates	
T1400N	5.90-5.90	WN900-090N	3.99-3.99	Mifab	Wade	Mifab	Wade
T1401	5.90-6.10	WN900-091	3.99-4.33	4	HDP	SC	DMP
T1402	6.10-6.29	WN900-091N	4.33-4.33	4-13	HDG	SDG	DZP
T1403	6.29-6.49	WN900-092	4.33-4.67	AWG	SWG	SSDA	DDS
T1404	6.49-6.69	WN900-093	4.67-5.00	CDA	SCS	SSDB	SZS
T1405	6.69-6.89	WN900-094	5.00-5.34	CDB	SCS	SSDS	SZS
T1405N	6.89-6.89	WN900-094N	5.34-5.34	DDA	DDS	SSWG	SWG
T1406	6.89-7.08	WN900-095	5.34-5.68	DDB	DDS		
T1407	7.08-7.28	WN900-096	5.68-6.01	DSG	CSD		
T1408	7.28-7.48	WN900-097	6.01-6.35	DWG	DWP		
T-1409	7.48-7.67	WN900-097N	6.35-6.35	FS	SDS		
T1410	7.67-7.87	WN900-098	6.35-6.69	FSB	RSG		
T1410N	7.87-7.87	WN900-099	6.69-7.02	FSGA	CSG		
T1411	7.87-8.07	WN900-100	7.02-7.36	HD	CLP-HDP		
T1412	8.07-8.26	WN900-100N	7.36-7.36	HD-13	CLG-HDG		
T1413	8.26-8.46	WN900-101	7.36-7.69	HP-4	HPP		
T1414	8.46-8.66	WN900-102	7.69-8.03	HP-4-13	HPG		
T1415	8.66-8.85	WN900-103	8.03-8.37	HPP	N/A		
T1415N	8.85-8.85	WN900-103N	8.37-8.37	HPSS	SSS		
End Plates		WN900-104	8.37-8.70	LG-4	HPP		
Mifab	Wade	WN900-105	8.70-9.04	LG-4-13	HPG		
PEC	UEP	WN900-106	9.04-9.37	LG-4-13	DHG		
PBO4	USP	WN900-106N	9.37-9.37	LG-4-3	SPP		
Catch Basin		WN900-107	9.37-9.71	LGHP	RHG		
CB620	WN-940	WN900-108	9.71-10.05	PGG	FPG		
PB4	SUO	WN900-109	10.05-10.38	PGHPP	PPG		
PBDS	DBS	WN900-109N	10.38-10.38	PGV-4-3	CLG-SPP		
		WN900-110	10.38-10.72	PGV-LG-4-3	CLP-SPP		
		WN900-111	10.72-11.05	PS	SPS		
		WN900-112	11.05-11.39	RFS	SFS		
		WN900-112N	11.39-11.39	RG	CPG		
		WN900-113	11.39-11.73	RPS	SRS		
		WN900-114	11.73-12.06	SBG	SBS		
				SBGGS	DBG		
				SBGST	DBP		

Josam / Wade Comparison (HDPE & S/S Trench)

Josam	Invert	Wade	Invert	Josam	46600	Josam	46800
100C	6.20-6.20	WN900-090N	3.99-3.99	Wade 6"	Invert	Wade 12"	Invert
100C01	7.50-7.70	WN900-091	3.99-4.33	2930-SS-AB	3.00-3.50	2940-SS-AB	3.00-3.50
100C02	7.70-7.90	WN900-091N	4.33-4.33	2930-SS-BC	3.50-4.00	2940-SS-BC	3.50-4.00
100C03	9.90-8.10	WN900-092	4.33-4.67	2930-SS-CC	4.00-4.00	2940-SS-CC	4.00-4.00
100C04	8.10-8.30	WN900-093	4.67-5.00	2930-SS-CD	4.00-4.50	2940-SS-CD	4.00-4.50
100C05	8.30-8.50	WN900-094	5.00-5.34	2930-SS-DE	4.50-5.00	2935-SS-DE	4.50-5.00
100C05N	8.50-8.50	WN900-094N	5.34-5.34	2930-SS-EE	5.00-5.00	2935-SS-EE	5.00-5.00
100C06	8.50-8.70	WN900-095	5.34-5.68	2930-SS-EF	5.00-5.50	2935-SS-EF	5.00-5.50
100C07	8.70-8.90	WN900-096	5.68-6.01	2930-SS-FG	5.50-6.00	2935-SS-FG	5.50-6.00
100C08	8.90-9.10	WN900-097	6.01-6.35	2930-SS-GG	6.00-6.00	2935-SS-GG	6.00-6.00
100C09	9.10-9.30	WN900-097N	6.35-6.35	2930-SS-GH	6.00-6.50	2935-SS-GH	6.00-6.50
100C10	9.30-9.50	WN900-098	6.35-6.69	2930-SS-HI	6.50-7.00	2935-SS-HI	6.50-7.00
100C11	9.50-9.70	WN900-099	6.69-7.02	2930-SS-II	7.00-7.00	2935-SS-II	7.00-7.00
100C12	9.70-9.90	WN900-100	7.02-7.36	2930-SS-IJ	7.00-7.50	2935-SS-IJ	7.00-7.50
100C13	9.90-10.10	WN900-100N	7.36-7.36	2930-SS-JK	7.50-8.00	2935-SS-JK	7.50-8.00
100C14	10.10-10.30	WN900-101	7.36-7.69	2930-SS-KK	8.00-8.00	2935-SS-KK	8.00-8.00
100C15	10.30-10.50	WN900-102	7.69-8.03	2930-SS-KL	8.00-8.50	2935-SS-KL	8.00-8.50
100C15N	10.50-10.50	WN900-103	8.03-8.37	2930-SS-LM	8.50-9.00	2935-SS-LM	8.50-9.00
100C16	10.50-10.70	WN900-103N	8.37-8.37	2930-SS-MM	9.00-9.00	2935-SS-MM	9.00-9.00
100C17	10.70-10.90	WN900-104	8.37-8.70	2930-SS-MN	9.00-9.50	2935-SS-MN	9.00-9.50
100C18	10.90-11.10	WN900-105	8.70-9.04	2930-SS-NO	9.50-10.00	2935-SS-NO	9.50-10.00
100C19	11.10-11.30	WN900-106	9.04-9.37	2930-SS-OO	10.00-10.00	2935-SS-OO	10.00-10.00
100C20	11.30-11.50	WN900-106N	9.37-9.37	2930-SS-OP	10.00-10.50	2935-SS-OP	10.00-10.50
		WN900-107	9.37-9.71	2930-SS-PQ	10.50-11.00	2935-SS-PQ	10.50-11.00
		WN900-108	9.71-10.05	2930-SS-QQ	11.00-11.00	2935-SS-QQ	11.00-11.00
		WN900-109	10.05-10.38	2930-SS-QR	11.00-11.50	2935-SS-QR	11.00-11.50
		WN900-109N	10.38-10.38	2930-SS-RS	11.50-12.00	2935-SS-RS	11.50-12.00
		WN900-110	10.38-10.72	2930-SS-SS	12.00-12.00	2935-SS-SS	12.00-12.00
		WN900-111	10.72-11.05	2930-SS-ST	12.00-12.50	2935-SS-ST	12.00-12.50
		WN900-112	11.05-11.39	2930-SS-TU	12.50-13.00	2935-SS-TU	12.50-13.00
		WN900-112N	11.39-11.39	2930-SS-UU	13.00-13.00	2935-SS-UU	13.00-13.00
		WN900-113	11.39-11.73	2930-SS-UV	13.00-13.50	2935-SS-UV	13.00-13.50
		WN900-114	11.73-12.06	2930-SS-VW	13.50-14.00	2935-SS-VW	13.50-14.00

Suffix Options		Suffix Options		Suffix Options		Suffix Options	
Josam	Wade	Josam	Wade	Josam	Wade	Josam	Wade
0	21	3	PDG	CF	26	PF	TY
1	SPS	316	316	FB	223	SB	27
2	SGS	BW	BW	FC	26	VP	VP

Provided that Seller is furnished prompt notice by Buyer of any defect and an opportunity to inspect he alleged defect as provided herein, Seller shall, at its option and in its sole discretion either: (i) repair the defective or non-conforming Goods, (ii) replace the nonconforming Goods, or part thereof, which are sent to Seller by Buyer within sixty days after receipt of the Goods at Buyer's plant or storage facilities, or (iii) if Seller is unable or chooses not to repair or replace, return the purchase price that has been paid and cancel any obligation to pay unpaid portions of the purchase price of nonconforming Goods. In no event shall any obligation to pay or refund exceed the purchase price actually paid. Repair and/or replacement as provided above shall be at Seller's plant and shipped FOB Plant unless otherwise agreed to by Seller. Transportation charges for the return of the Goods or part there of to Seller shall be prepaid by Buyer unless otherwise agreed to by the Seller in writing. Seller shall, in no event be responsible for any labor, removal or installation charges that may result from the above-described repair and/or replacement of any Goods. The foregoing warranty does not cover failure of any part or parts manufactured by others, the failure of any part or parts from external forces, including but not limited to earthquake, installation, vandalism, vehicular or other impact, application of excessive torque to the operating mechanism or frost heave. The exclusive remedy of Buyer and the sole liability of Seller, for any loss, damage, injury or expense of any kind arising from the manufacturer, delivery, sale installation, use or shipment of the Goods and whether based on contract, warranty, tort or any other basis of recovery whatsoever, shall be at the election of Seller, the remedies described above. The foregoing is intended as a complete allocation of the risks between the parties and Buyer understands that it will not be able to recover consequential damages even though it may suffer such damages in substantial amounts. Because this Agreement and the price paid reflect such allocation, this limitation will not have failed of its essential purpose even if it operates to bar recovery for such consequential damages.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED BY LAW. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE) OR STRICT LIABILITY, SHALL SELLER BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF USE OF THE GOODS OR OTHER PROPERTY EQUIPMENT, DAMAGE TO OTHER PROPERTY, COST OF CAPITAL, COST OF SUBSTITUTE GOODS, DOWNTIME, OR THE CLAIMS OF BUYER'S CUSTOMERS FOR ANY OF THE AFORESAID DAMAGES. SELLER SHALL NOT BE LIABLE FOR AND BUYER AGREES TO INDEMNIFY SELLER FOR ALL PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LIABILITY RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENCE OF BUYER.

In any contract Buyer for resale of goods, buyer shall effectively disclaim, as against Seller any implied warranty of merchantability and all liability for property damage or personal injury resulting from the handling, possession or use of the Goods, and shall exclude, as against Seller, any liability for special or consequential damages.

PATENTS. If any claim is made against Buyer based on a claim that any of the Goods constitute and infringement of any U.S. Letter Patent, Buyer shall notify Seller immediately. Seller shall have the right, with Buyer's assistance, if required, but at Seller's expense, to conduct settlement negotiations of any litigation. If any of the Goods are held to infringe any U.S. Letter Patent, and their use is enjoined or, if as a result of a settlement, Seller deems their continued use unadvisable and provided that Buyer has given Seller the immediate notice provided for above and has used the Goods only in accordance with the provisions of this order and shall not have altered or changed them in any material way, Seller shall, at its option and expense, procure for Buyer the right to continue using the Goods, modify the Goods so that they become non-infringing, replace the Goods with non-infringing Goods of substantially equal quality, or replace the Goods an refund the purchase price, less reasonable depreciation. The foregoing states Seller's entire liability for patent infringement.

CONTROLLING LAW. This Agreement and all rights and obligations hereunder shall be governed by the laws of the State of Alabama, or Texas. Any claim by Buyer arising hereunder shall be tried in the courts of Alabama or Texas to which jurisdiction Buyer hereby submits.

ARBITRATION; DISPUTE RESOLUTION; PRESERVATION OF FORECLUSRE REMEDIES. At the option of the Seller, any dispute, claim or controversy ("Dispute") between Seller or Buyer relating to the transactions contemplated by this agreement, including without limitation any claim based on arising from an alleged tort, shall be resolved by binding arbitration in accordance with Title 9 of the U.S. Code and the Commercial arbitration Rules of the American Arbitration Association (the "AAA"). Defenses based on statutes of limitation and similar doctrines shall be applicable in any such proceeding, and the commencement of an arbitration proceeding under this Agreement shall be deemed the commencement of an action for such purposes. The arbitrator shall be selected in accordance with the Commercial Arbitration Rules of the AAA. The AAA shall designate a panel of ten (10) potential arbitrators knowledgeable in the subject matter of the Dispute. Each Seller and Buyer shall designate, within thirty (30) days the receipt of the list of potential arbitrators, one of the potential arbitrators to serve, and the two arbitrators so designated shall select a third arbitrator from the eight remaining candidates.

WAIVER. No delay or failure by Seller to exercise any right or remedy under these Terms and Conditions shall be construed to be a waiver thereof. Waiver by Seller of any breach shall be limited to the specific breach so waived and shall not be construed as a waiver of any subsequent breach of this order or any rights hereunder without the prior written consent of Seller. This Agreement, and the Terms and Conditions contained herein, are enforceable, however, against the successors and assigns of the Buyer.

ASSIGNMENT. Buyer may not assign this order or any rights hereunder without the prior written consent of Seller. This agreement and the Terms and Conditions contained herein, are enforceable, however, against the successors and assigns of Buyer.

TAXES. Seller's prices do not include sales, use, excise or other similar taxes. Consequently, in addition to the price specified herein, the amount of any present or future such tax shall be paid by Buyer, or in lieu thereof, Buyer shall provide Seller with all tax-exemption certificates required by the taxing authorities, at the time of sale.

CUMULATIVE NATURE OF REMEDIES. All remedies of Seller set forth herein shall be cumulative and shall be in addition to any other remedies available to Seller, whether at law, equity or otherwise.

- **HDPE Modular Channel**
- **Stainless Steel Modular Channel**
- **Carbon Steel Modular Channel**
- **Ductile Iron Grating**
- **Stainless Steel Grating**
- **HDPE Grating**
- **Bronze Grating**
- **Custom Fabrications**
- **Decorative Patterns and Logos**
- **Radius Track System**

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