Application	Product Recommendation
Adjustable Floor Drains (Finished Areas)	1100, 1120
Elastomeric Floor Drains	1100-DT, 1200-E, 1210-E
General Purpose Floor Drains	1640
Shower Drains	1100
Sheet Flooring (Vinyl)	1100-FC
Indirect Waste / Funnel Drains	1000-HD, 1100-ER, 1630
Integral Trap Drains	1120, 1740, 2050, 2051, 2080,
Heavy Duty General Area Drains	1200, 1210, 1240, 1300, 1310, 1340, 1400, 1410, 1640, 2100, 2210, 2240, 2350, 2360, 2370, 2390
Parking Area Drains	1217, 1317, 1417, 2397
Basement / Cellar Drains	1650
Trench / Gutter Drains	2902, 2920, 2950
Planting Area Drains	1862
Industrial Area Drains	1890, 1891, 2050, 2051, 2070, 2080
Can Wash Drains	1980, 1990
Flushing Rim Drains	See Floor Sink Section (9300, 9400)

How To Specify

1100-A6-1-3TY-27

- Series Number (Required)
- Strainer Style & Size (Required)
- Finish & Materials (Required)
- Connection Type & Size (Required)
- Miscellaneous Options (As Needed)



Drains should be specified with sufficient grate free area and outlet size to accommodate anticipated flow. For Standard indoor applications, the grate free area should be 1.5 times the traverse area of the connecting pipe size. Exterior areas should be twice the traverse area of the connecting pipe size. Table 1 below provides recommended open area requirements.

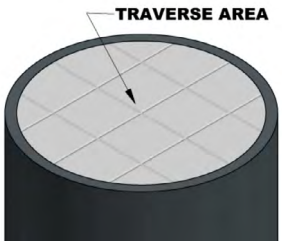


Table 1 (General Requirements)				ASME A112.6.3 Standard Requirements		
Pipe Size	Traverse Area (Sq. In.)	Open Area Requirements (Sq. In.)				
		Interior Areas	Exterior Areas	Floor Drains	Area/Trench Drains	Shower Drains
2"	3.14	5.00	6.50	5.00	6.50	5.00
3"	7.06	11.00	14.00	11.00	14.00	11.00
4"	12.50	18.00	25.00	18.00	25.00	18.00
5"	19.60	30.00	40.00	30.00	40.00	-
6"	28.30	42.00	56.00	42.00	56.00	-
8"	50.25	75.00	100.50	-	-	-

Selection of Top (Based on Anticipated Traffic)

Load Classification: Figure the maximum anticipated traffic (loading) which will pass over the grate and select the grate type which will support that load. Each drain shown in the floor drain section has a description listing the type of load it will take. The categories listed are for various drains in respect to grate loading. The load classifications are in accordance with the American National Standard ASME **A112.6.1M**. ASME Ratings are as follows in Table 2:

Table 2

Load Classificatoin ASME A112.6.1M	Safe Live Load
Light Duty	Under 2,000 Lb.
Medium Duty	2,000 - 4,999 Lb.
Heavy Duty	5,000 - 7,499 Lb.
Extra Heavy Duty	7,500 - 10,000 Lb.
Special Duty	Over 10,000 Lb.

ADA (Americans with Disabilities Act) stipulates that the slot width is limited to 1/2" or less on gratings in walkways and the elongated slots are placed longitudinally so that they are perpendicular to the dominant direction of travel.

Heel Resistant Strainers and Grates (ASME A112.6.3) stipulates a maximum grate hole size in least dimension shall be 5/16" (8mm).

Trench Drain Load Ratings

An alternate safe live load rating is applicable to trench drains. Table 3 below list the Load Class for various applications. Note that the **DIN 19580** standard test for Save Live Load is different to the ASME method in that the rectangular platen used for testing changes based upon the trench width. Load classifications are as follows in Table 3.

Table 3

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

Test Procedures for Grate Loading

Live Loads listed in Table 2 are determined by laboratory test. A 3.5" diameter platen is placed in the center of the grate and a load is applied slowly so that a point of failure can be observed. The point of failure depends upon the material . Brittle materials (cast iron) are determined by fracture on any part of the specimen. Ductile materials are determined by a permanent set in deflection at the point of loading. The point of failure is the point of 2% of the longest traverse dimension of the specimen. The maximum safe live load is the load at failure divided by two.

Save Live Loads listed in Table 3 are determined by laboratory test. This standard uses three different test platens:

(1) The first is 3" wide x 10" long for trenches 8" wide or less.

(2) A 6" wide x 10" long platen is used for trenches between 8" and 12" wide.

(3) For trenches wider than 12", a platen 10" in diameter is specified.

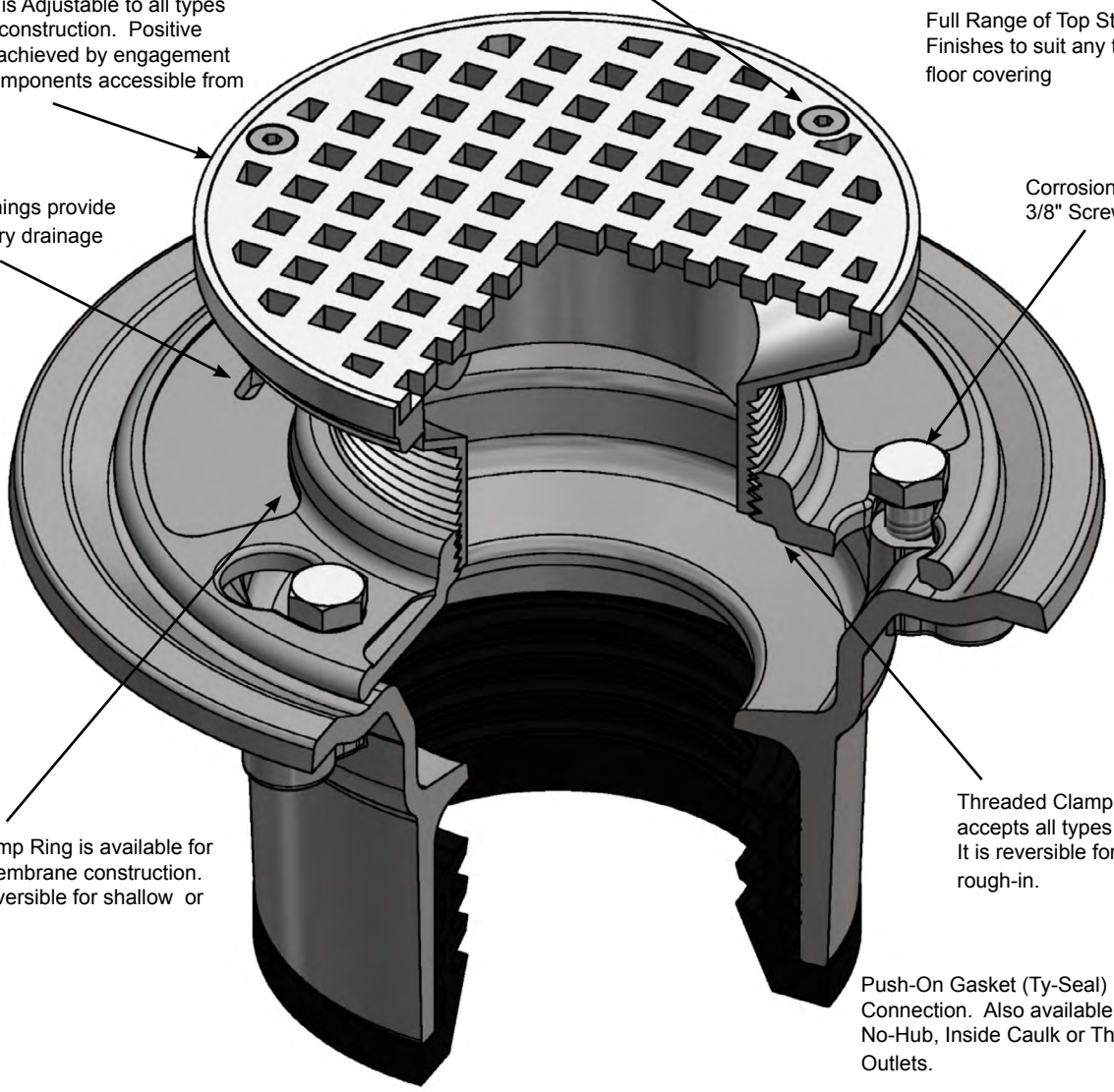
Other Applicable Standards

AASHTO M306-10 This standard is typically used for trench drains and interceptors in civil and transportation projects. Developed by the American Association of State Highway and Transportation Officials, this standard accounts for various sizes of linear drainage systems. The test method typically uses a 9" x 9" square test platen centered on the grate and an applied force of 40,000 pounds. For instances where the test platen would transfer load directly on the support frame, a modified test platen is required. The platen must be smaller than the support frame and cannot be larger than 9" in the other direction. The load shall be modified to 494 psi multiplied by the surface area of the grate, but not to exceed 40,000 lbs for HS-20 or 50,000 lbs for HS-25 loading.

FAA AC:150/5320-6D This standard is used in aviation and sea port projects. Developed by the Federal Aviation Administration, this standard typically uses a 9 x 9" test platen with a fource of 100,000 lbs. Although the test platen size is not specified in the standard, it is considered an industry standard.

General Product Information

1100-A (Adjustable Floor Drain)



Floor Drain Sizing

Given a piping system with a designed flow rate, an appropriate floor drain can be selected. Factors such as flow rate, length of horizontal pipe, and pipe size are some of the factors which influence the selection of a floor drain. These factors are the first to be considered because together with a floor drain, they fulfill the purpose of a drainage system, which is to efficiently carry all water from the floor. Another consideration is the maximum head and buildup of water on the floor. This value can range typically up to 2" depending on pipe size or any other design consideration of the particular application.

Pipe Size and Open Area

Pipe size and open area of grate should be a primary factor in the selection of a floor drain because they are important in fulfilling the requirements of the specified flow rate in the drainage system. Additional criteria exists in selecting the most appropriate drain. The type of connection, either Inside Caulk (IC), Threaded (IPS), No-Hub (NH), or Push-On (TY), needs to be specified. Backwater valves are useful to reduce drainage backup. Sediment buckets may be desired to filter debris from the water flow which can cause the drainage system to clog.

Flow Rate Calculation

Flow rate can be calculated using the following equation:

$$Q = 448.2\ Cd\ A\sqrt{2gh}$$

Q = Flow Rate (Gallon per Minute)
Cd = Discharge Coefficient (Typically 0.6)
A = Open Area of Grate (Sq.Ft.)
g = Acceleration (32.2 ft/s^2)
h = Head Above Floor (ft)

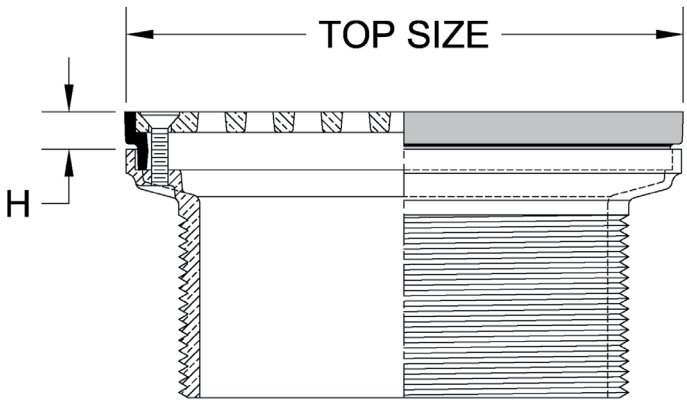
Open Area Calculation

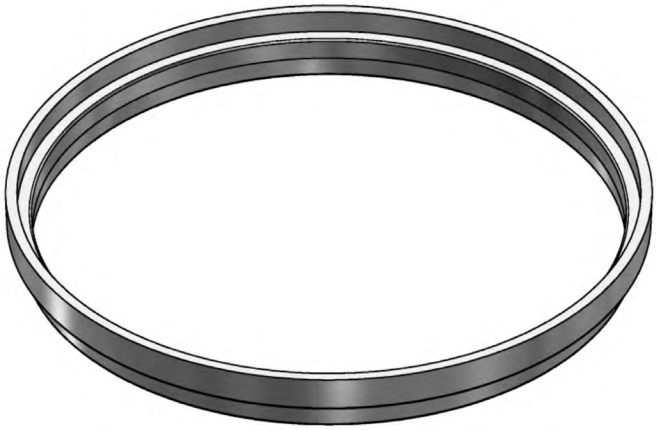
The flow rate equation can be easily arranged to solve for 'A':

$$A = \frac{Q}{448.2\ Cd\ \sqrt{2gh}}$$

Example: For a maximum 0.25" (0.021 ft.) head (h), flow rate of 10 gallons per minute (Q), and an average discharge coefficient (Cd) of 0.6 yields a grate with an open area (A) of 0.032 sq. ft., multiplying by 144 in2 /ft 2 yields an open area of 4.62 sq. in.

23 Grate Riser

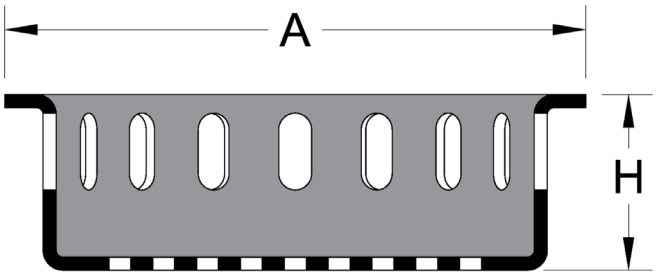


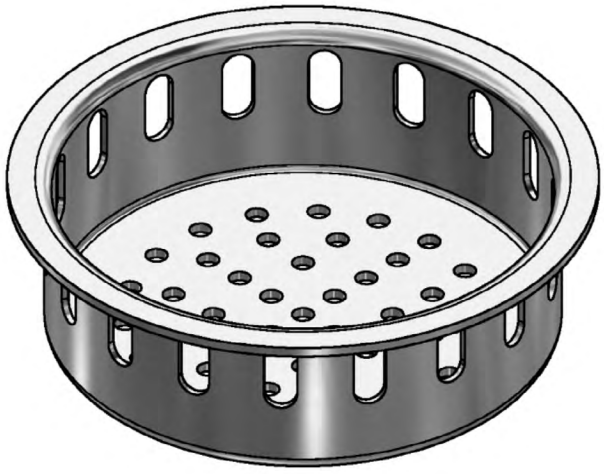


Catalog No. Top Size - Suffix	Material	H	List Price	Wt. Lbs.
WP1100-A5-23-1	Nickel Bronze	3/8"	464.00	0.2
WP1100-A6-23-1	Nickel Bronze	3/8"	464.00	0.3

Regularly Furnished: Nickel Bronze grate riser mounts to top of floor drain to raise the top when a new floor is applied over existing surfaces, or if the drain is roughed in to low for the finished floor surface to be level with the top of the drain.

27 Sediment Bucket



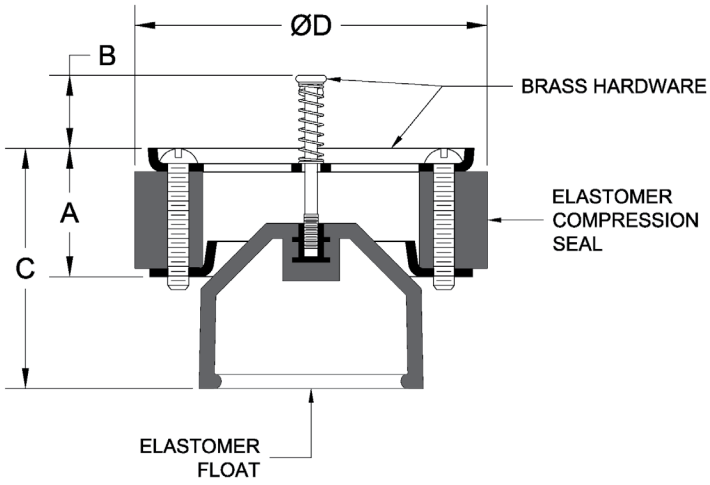


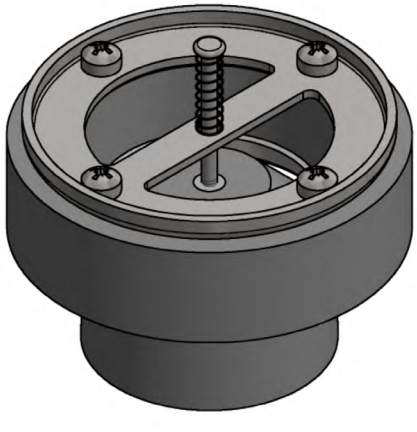
Catalog No. Suffix	Material	A	H	List Price	Wt. Lbs.
WP1100-27/3	Stainless Steel	3-5/16"	1"	219.00	1.0

Regularly Furnished: Loose set sediment bucket installs in floor drain body or strainer shank to capture debris before entering the drainage piping system.

31 Backwater Valve

Regularly Furnished: Brass backwater valve with neoprene seal and float—Installs into strainer shank or floor drain body outlet. Provides protection against backflow.



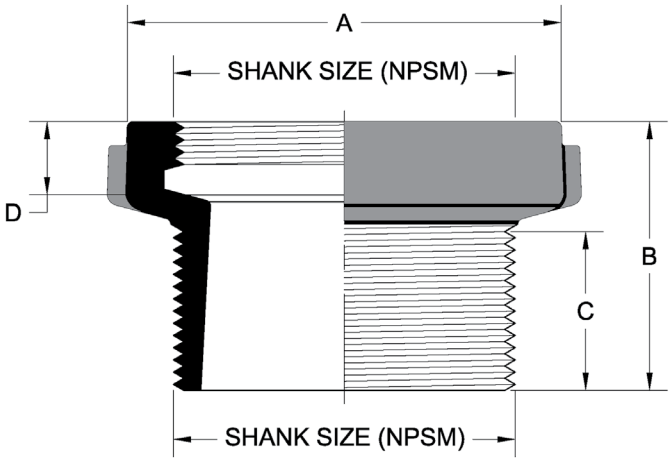


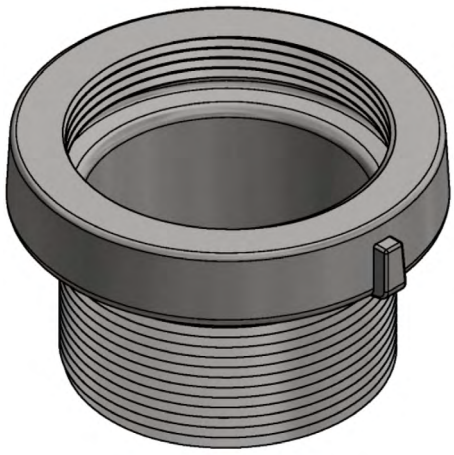
Sold As an Option on Floor Drains—May also be purchased separately - See Model 4300 in Plumbing Specialties Section

Catalog No. Suffix	Shank Size	A	B		C		D		List Price	Wt. Lbs.
			Open	Closed	Open	Closed	Min	Max		
WP1100-31/3	3"	1-1/8"	1/16"	1"	2-13/16"	2-1/16"	3-13-16"	4-1/16"	759.00	0.6

94 Extension Adapter

Regularly Furnished: Cast Iron extension adapter—Used to increase shank length of any adjustable strainer.

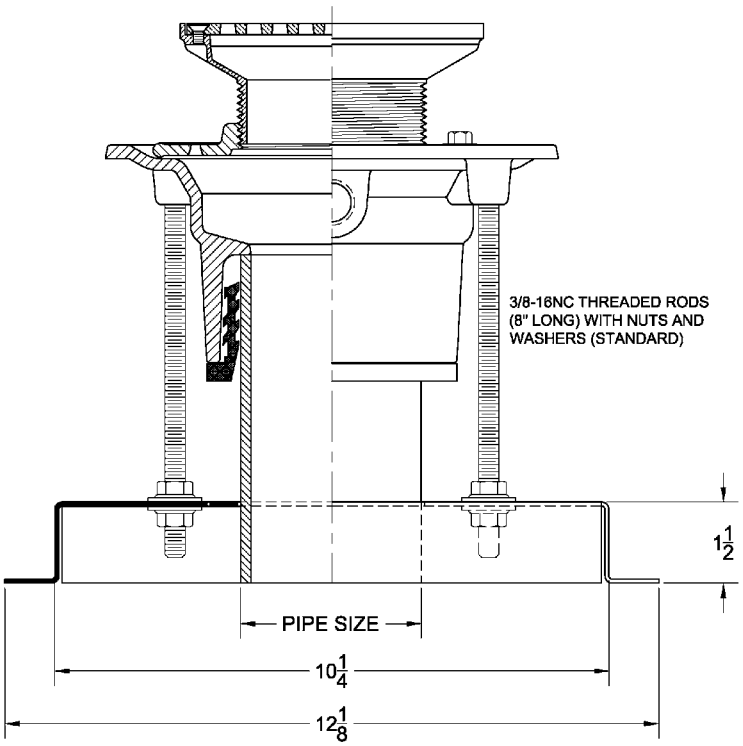


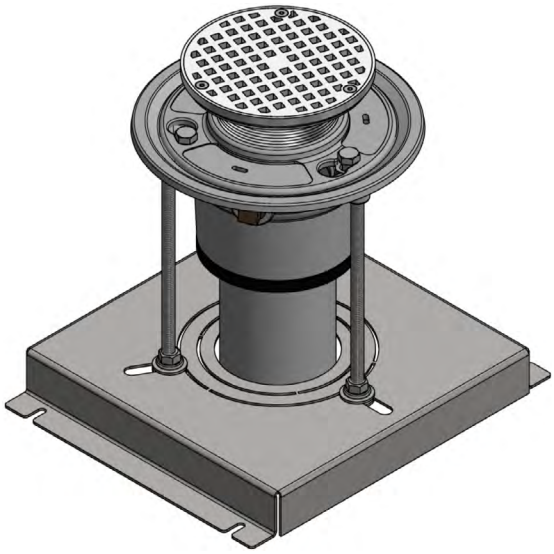


Catalog No. Suffix	Material	Shank Size (NSPM)	A	B	C	D	List Price	Wt. Lbs.
WP1100-94/3	Cast Iron	3"	4-7/16"	2-3/4"	1-9/16"	11/16"	280.00	1.7
WP1100-94/3-39	Galvanized	3"	4-7/16"	2-3/4"	1-9/16"	11/16"	605.00	1.7
WP1000-94/4	Cast Iron	4"	5-3/8"	3-1/4"	1-7/16"	1-7/16"	280.00	3.1
WP1000-94/4-39	Galvanized	4"	5-3/8"	3-1/4"	1-7/16"	1-7/16"	605.00	3.1

DIA Deck Installation Assembly

Regularly Furnished: Zinc plated steel deck installation assembly with hardware. Piping by others.



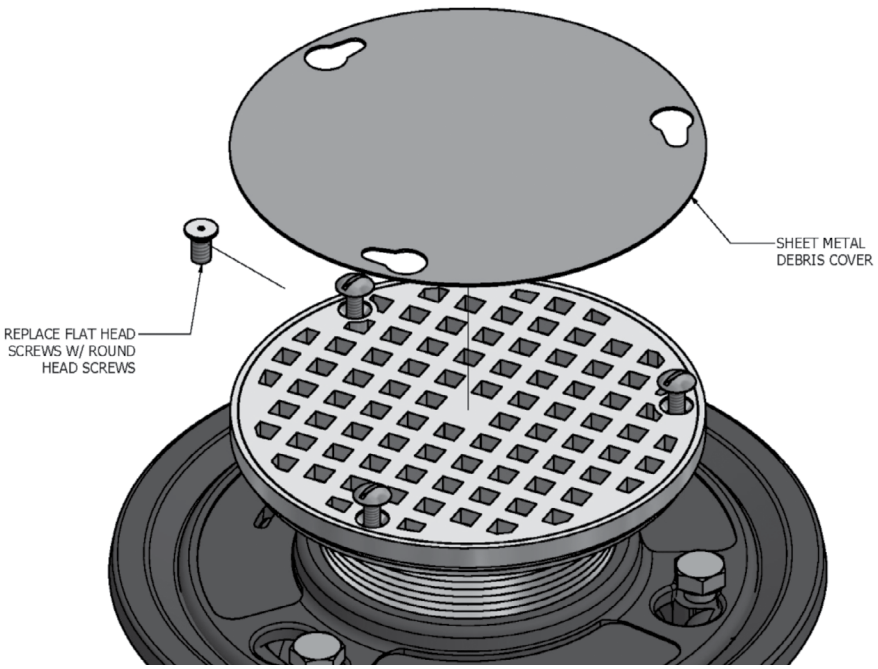


Catalog No.	List Price	Wt. Lbs.
WP1100-DIA	$272.00	3.7

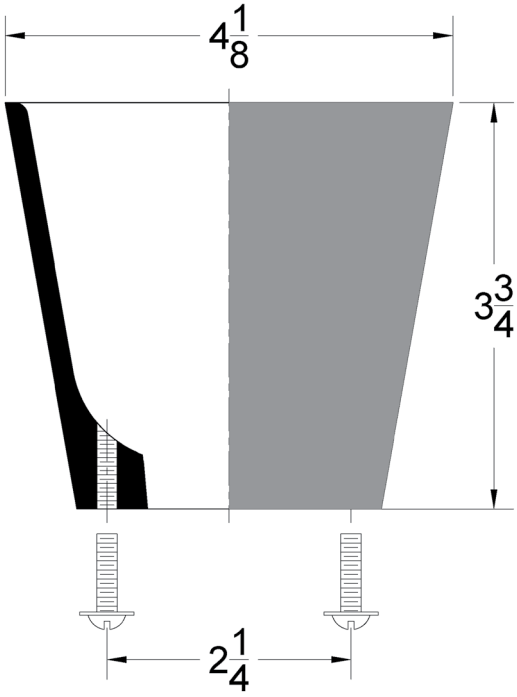
PC Protective Cover (Formerly DC Debris Cover)

Regularly Furnished: Zinc plated steel strainer protective cover with 10-24NC securing screws—Mounts to top of floor drain strainer.

Catalog No. Top Style / Size	List Price	Wt. Lbs.
WP1100-A5-PC	131.00	0.4
WP1100-A6-PC	131.00	0.5
WP1100-A7-PC	131.00	0.8
WP1100-A8-PC	131.00	1.0
WP1100-A10-PC	131.00	1.6
WP1100-G4-PC	131.00	0.3
WP1100-G5-PC	131.00	0.5
WP1100-G6-PC	131.00	0.7
WP1100-G8-PC	131.00	1.3



EF4 Indirect Waste Round Funnels

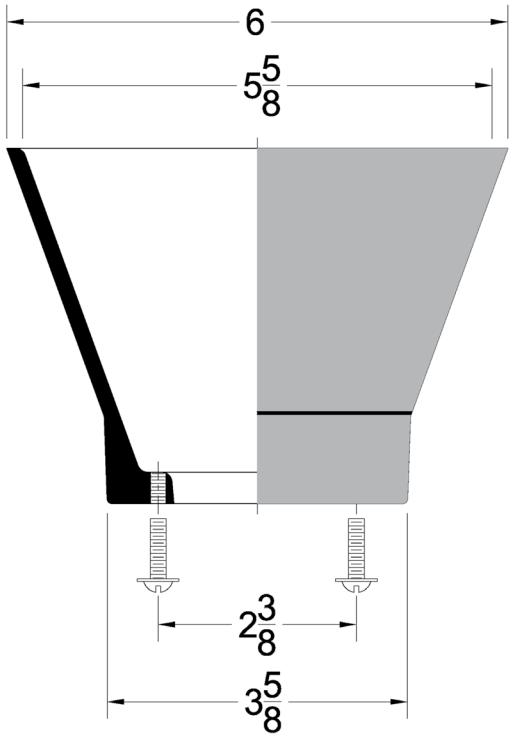




Catalog No.	Material	List Price	Wt. Lbs.
EF4-12	Painted Cast Iron	375.00	1.3
EF4-1	Satin Nickel Bronze	887.00	1.3
EF4-2	Satin Bronze	722.00	1.3
EF4-39	Galvanized Cast Iron	473.00	1.3
EF4-64	A.R.E. Coated Cast Iron	786.00	1.4
EF4-85	304 Stainless Steel	2,346.00	1.9
EF4-102	Chrome Plate Bronze	926.00	1.3

Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screws—Mounts to top of floor drain.

EF6 Indirect Waste Round Funnels

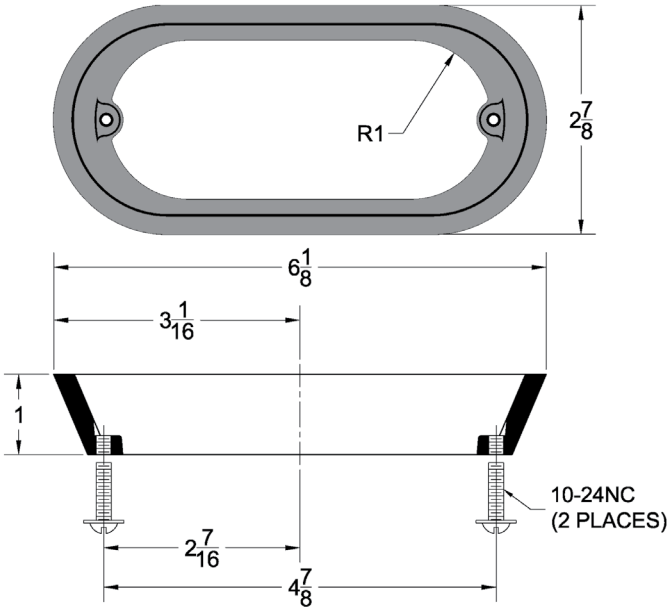


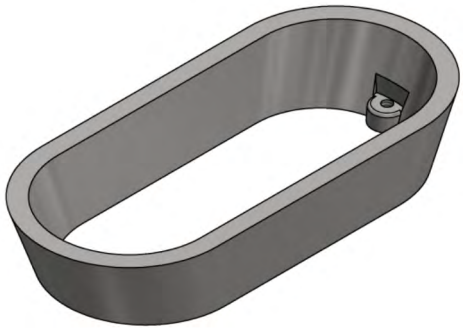


Catalog No.	Material	List Price	Wt. Lbs.
EF6-12	Painted Cast Iron	602.00	3.8
EF6-1	Satin Nickel Bronze	1,314.00	4.2
EF6-2	Satin Bronze	1,110.00	4.2
EF6-39	Galvanized Cast Iron	686.00	3.8
EF6-64	A.R.E. Coated Cast Iron	1,012.00	3.9
EF6-85	304 Stainless Steel	3,054.00	4.0
EF6-102	Chrome Plate Bronze	1,367.00	3.8

Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screws—Mounts to top of floor drain.

EG6 Indirect Waste Elongated Funnels

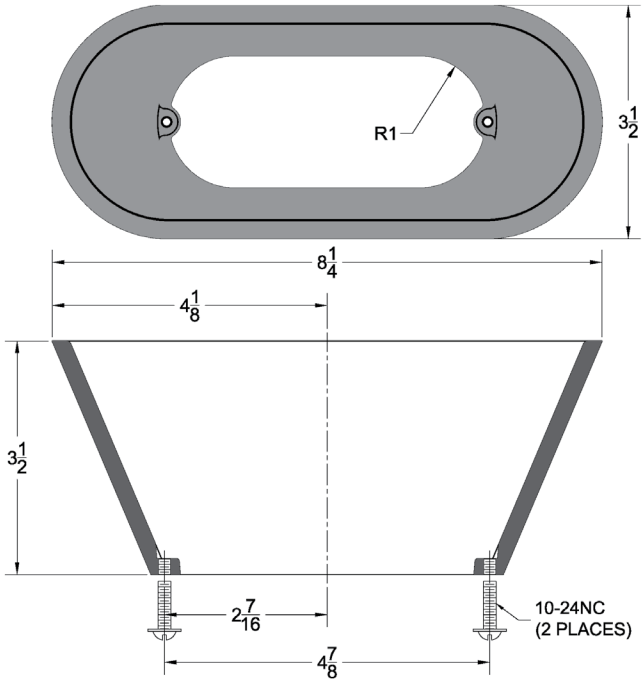




Catalog No.	Material	List Price	Wt. Lbs.
EG6-12	Painted Cast Iron	375.00	0.6
EG6-1	Satin Nickel Bronze	887.00	0.6
EG6-2	Satin Bronze	722.00	0.6
EG6-39	Galvanized Cast Iron	483.00	0.6
EG6-64	A.R.E. Coated Cast Iron	786.00	0.7
EG6-85	304 Stainless Steel	3,054.00	0.6
EG6-102	Chrome Plate Bronze	926.00	0.6

Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screws—Mounts to top of floor drain.

EG8 Indirect Waste Elongated Funnels

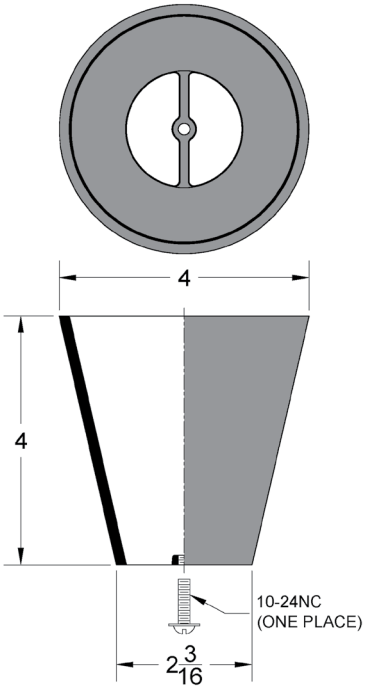


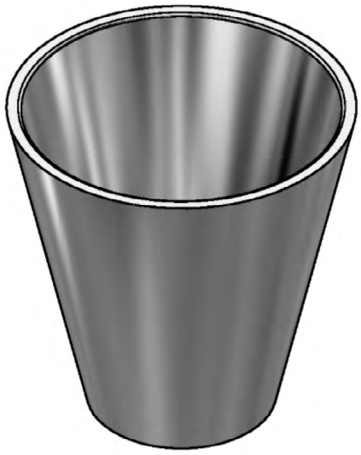


Catalog No.	Material	List Price	Wt. Lbs.
EG8-12	Painted Cast Iron	887.00	2.9
EG8-1	Satin Nickel Bronze	1,835.00	3.6
EG8-2	Satin Bronze	1,618.00	3.6
EG8-39	Galvanized Cast Iron	966.00	2.9
EG8-64	A.R.E. Coated Cast Iron	1,296.00	3.0
EG8-85	304 Stainless Steel	3,054.00	3.2
EG8-102	Chrome Plate Bronze	1,908.00	2.9

Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screws—Mounts to top of floor drain.

FF Indirect Waste Round Funnels

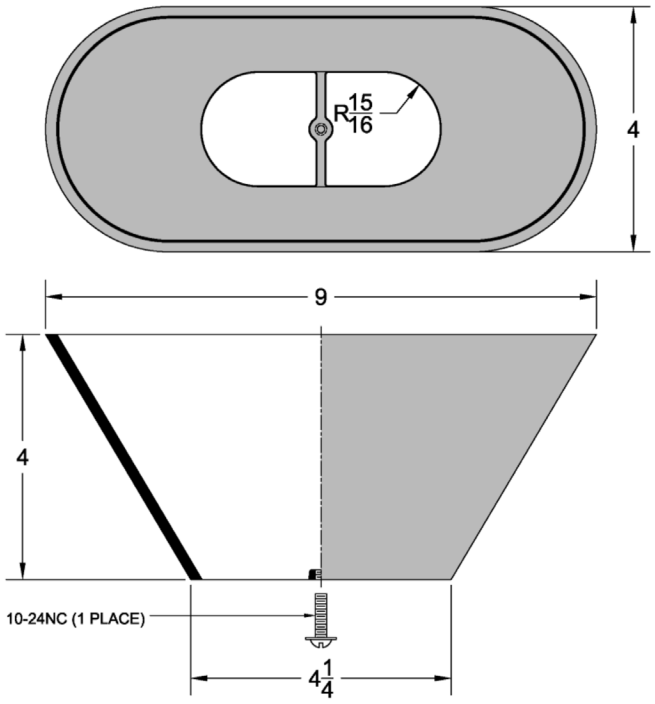




Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screw—Mounts to top of floor drain.

Catalog No. Top Style / Size	Material	List Price	Wt. Lbs.
FF4-12	Painted Cast Iron	375.00	1.3
FF4-1	Satin Nickel Bronze	887.00	1.4

FG Indirect Waste Elongated Funnels

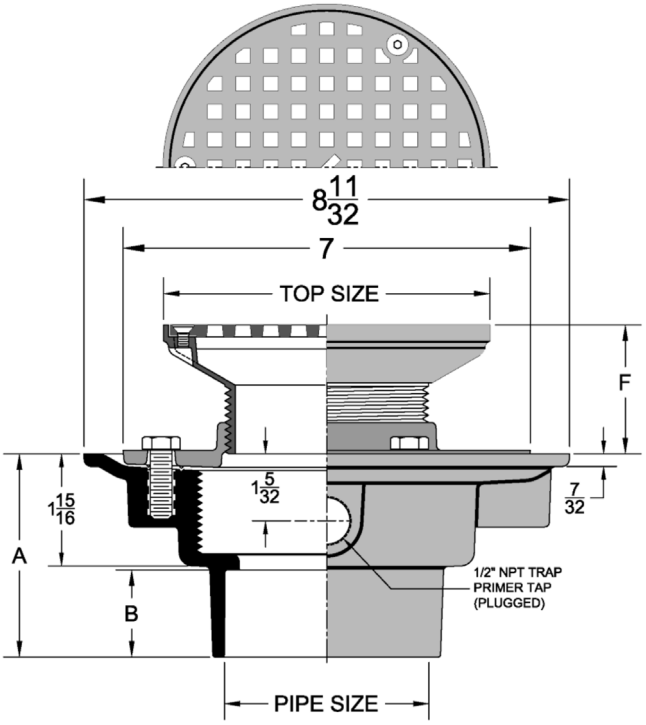




Regularly Furnished: Cast Iron indirect waste funnel with 10-24NC securing screw—Mounts to top of floor drain.

Catalog No.	Material	List Price	Wt. Lbs.
FG9-12	Painted Cast Iron	887.00	2.9
FG9-1	Satin Nickel Bronze	1,835.00	3.6

P1100-A Plastic Floor Drain Body w/ Adjustable Round Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



P1100-A6-1-3PVC

Top Size	F	
	Min	Max
5	1 7/16	2 1/8
6	1 1/2	2 3/8
7	1 3/8	2 1/4
8	1 3/8	2 1/4
10	1 7/8	3 1/4

Dimensions (Inches)		
Outlet Size	A	B
2"	3-1/32	1
3"	3-1/2	1-1/2
4"	3-3/4	1-3/4

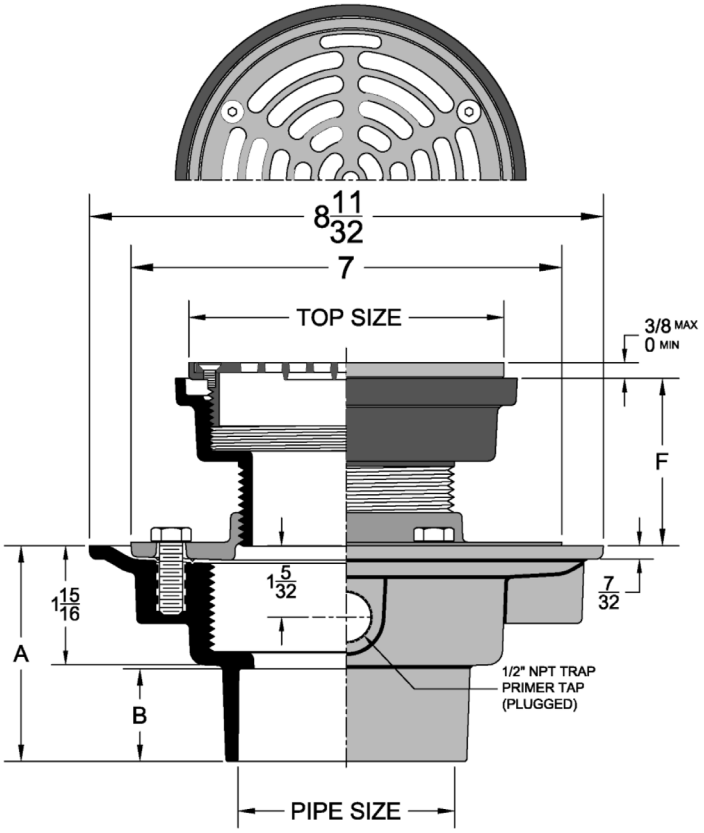
Top Size & Type	Outlet Size	-1 Plastic Body with Satin Finish Nickel Bronze Top	-2 Plastic Body with Satin Finish Bronze Top	-85 Plastic Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)
A5	2",3",4"	962.00	917.00	2,068.00	5.8
A6	2",3",4"	1,174.00	1,064.00	2,579.00	7.7
A7	2",3",4"	1,352.00	1,286.00	3,328.00	10.6
A8	2",3",4"	1,692.00	1,606.00	3,483.00	14.0
A10	2",3",4"	2,309.00	2,183.00	4,158.00	32.2

Regularly Furnished: Plastic floor drain body with flange, cast iron integral clamping collar, seepage openings, 1/2" primer tap with plug and adjustable type "A" round top assembly.

Outlet Variations		
Type	Designation	Add
PVC	2PVC,3PVC,4PVC	N/C
ABS	2ABS,3ABS,4ABS	N/C

Suffix Options			
Suffix	Description		Add
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-85	3,054.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
X	Heavy Duty Top Assembly (A6 Only)		410.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

P1100-DA Plastic Floor Drain Body w/ Double Adjustable Round Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



P1100-DA6-1-3PVC

Top Size	F	
	Min	Max
5	1-7/8	2-3/4
6	1-7/8	2-3/4

Dimensions (Inches)		
Outlet Size	A	B
2"	3-1/32	1
3"	3-1/2	1-1/2
4"	3-3/4	1-3/4

Top Size & Type	Outlet Size	-1 Plastic Body with Satin Finish Nickel Bronze Top	-85 Plastic Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)
DA5	2",3",4"	966.00	2,068.00	8.8
DA6	2",3",4"	1,174.00	2,578.00	7.7

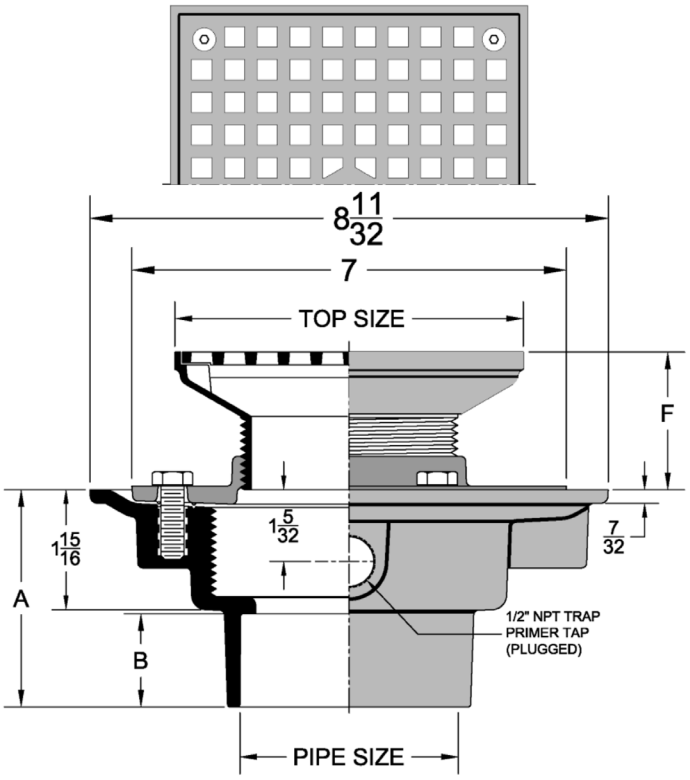
Regularly Furnished: Plastic floor drain body with flange, cast iron integral clamping collar, seepage openings, 1/2" primer tap with plug and adjustable type "DA" double adjustable top assembly.

Outlet Variations		
Type	Designation	Add
PVC	2PVC,3PVC,4PVC	N/C
ABS	2ABS,3ABS,4ABS	N/C

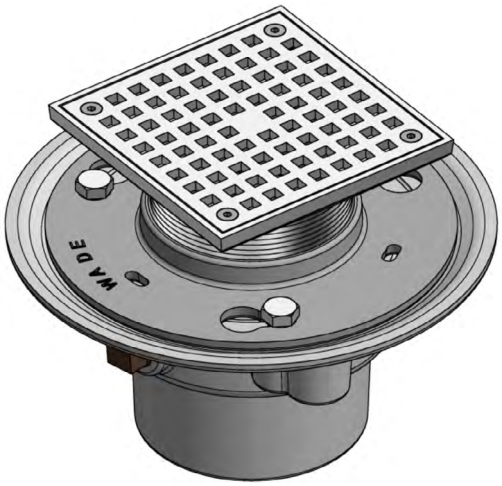
Suffix Options			
Suffix	Description		Add
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-85	3,054.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
X	Heavy Duty Top Assembly (A6 Only)		410.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

P1100-G Plastic Floor Drain Body w/ Adjustable Square Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



P1100-G6-1-3PVC

Top Size	F	
	Min	Max
4	7/8	1-3/4
5	1-7/16	2-1/8
6	1-1/2	2-3/8
8	1-3/8	2-1/4

Dimensions (Inches)		
Outlet Size	A	B
2"	3-1/32	1
3"	3-1/2	1-1/2
4"	3-3/4	1-3/4

Top Size & Type	Outlet Size	-1 Plastic Body with Satin Finish Nickel Bronze Top	-2 Plastic Body with Satin Finish Bronze Top	-85 Plastic Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
G4	2",3",4"	1,263.00	1,155.00	--	6.0	8.4
G5	2",3",4"	1,278.00	1,174.00	2,162.00	7.0	8.7
G6	2",3",4"	1,426.00	1,352.00	2,655.00	12.0	9.2
G8	2",3",4"	2,068.00	1,877.00	3,588.00	16.0	12.4

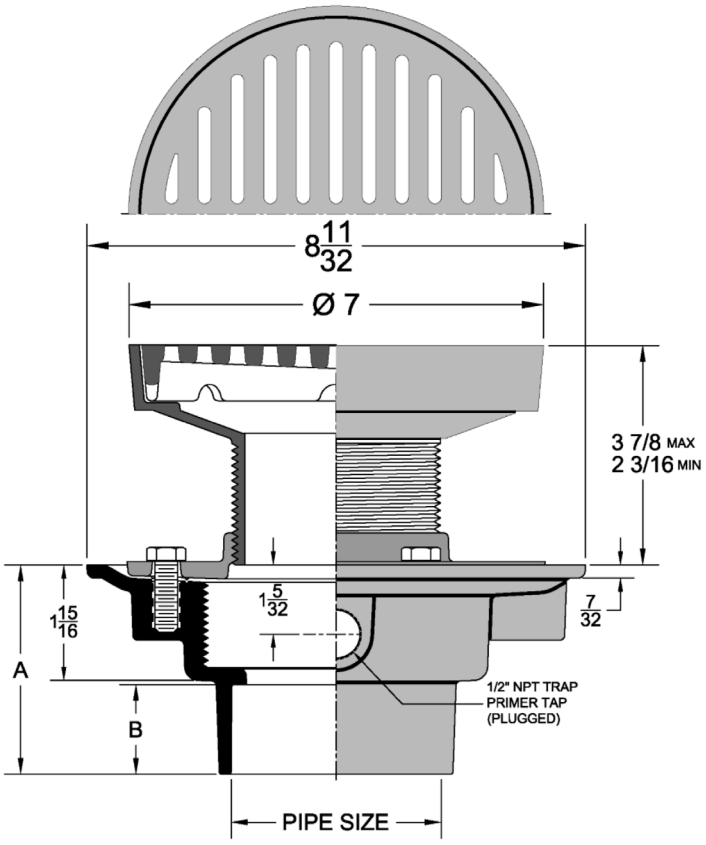
Regularly Furnished: Plastic floor drain body with flange, cast iron integral clamping collar, seepage openings, 1/2" primer tap with plug and adjustable type "G" square top assembly.

Outlet Variations		
Type	Designation	Add
PVC	2PVC,3PVC,4PVC	N/C
ABS	2ABS,3ABS,4ABS	N/C

Suffix Options			
Suffix	Description		Add
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-85	3,054.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

P1100-TS Plastic Floor Drain Body w/ Adjustable Round Tractor Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



P1100-TS7-1-3PVC

Dimensions (Inches)		
Outlet Size	A	B
2"	3-1/32	1
3"	3-1/2	1-1/2
4"	3-3/4	1-3/4

Top Size & Type	Outlet Size	-1 Plastic Body with Satin Finish Nickel Bronze Top	-2 Plastic Body with Satin Finish Bronze Top	-12 Plastic Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
TS7	2",3",4"	2,339.00	2146	1131	8.0	14.0

Regularly Furnished: Plastic floor drain body with flange, cast iron integral clamping collar, seepage openings, 1/2" primer tap with plug and adjustable type "TS" round tractor style top assembly.

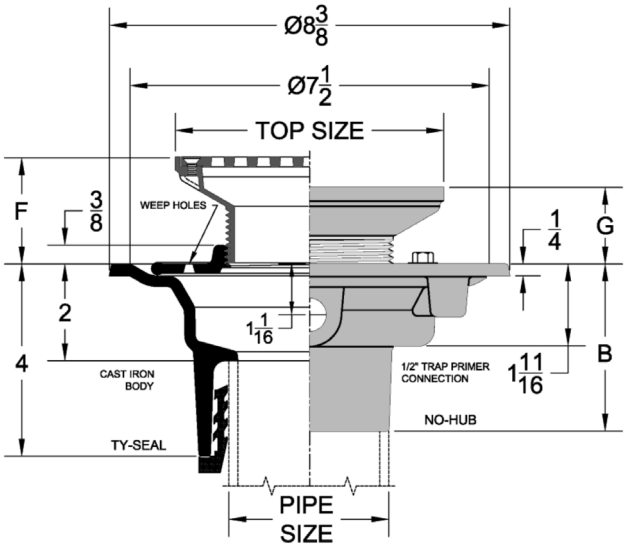
Outlet Variations		
Type	Designation	Add
PVC	2PVC,3PVC,4PVC	N/C
ABS	2ABS,3ABS,4ABS	N/C

Suffix Options			
Suffix	Description		Add
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-12	375.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-12	602.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-12	375.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-12	887.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
41	Galvanized Cast Iron Top		587.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		117.00

** Dimensions vary from illustration*

1100-A Floor Drain Body w/ Adjustable Round Top Assembly

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, and adjustable type "A" round top assembly.



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



1100-A6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

** Dimensions vary from illustration*

Top Size	B	
	Min	Max
5	1-7-16	2-1/8
6	1-1/2	2-3/8
7	1-3/8	2-1/4
8	1-3/8	2-1/4
10	1-7/8	3-1/4

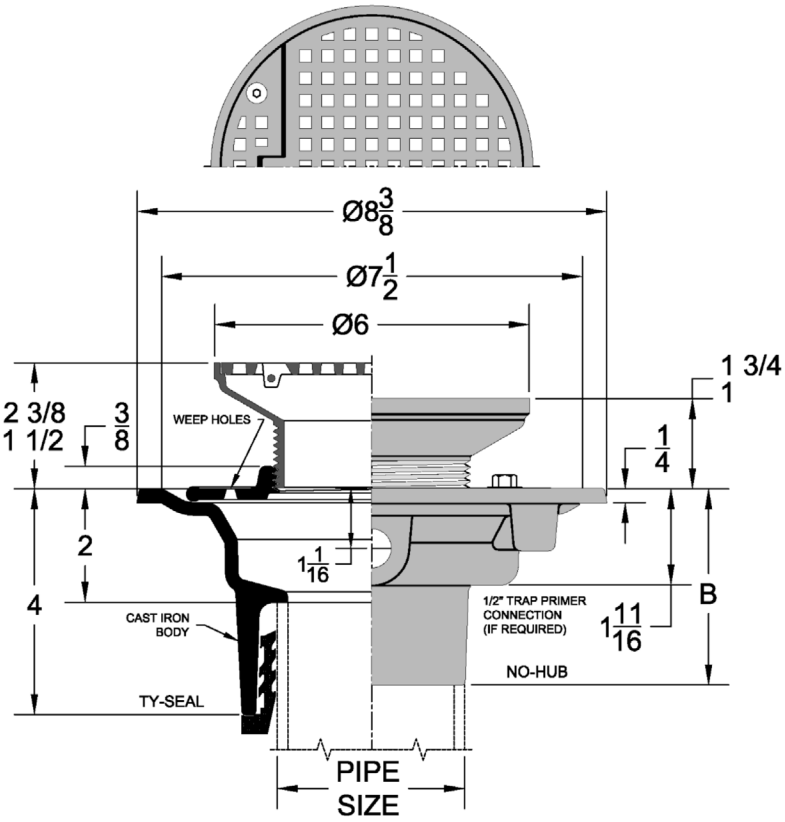
Dimensions (Inches)		
Outlet Size	A	B
5	15/16	1-5/8
6	1	1-3/4
7	1	1-3/4
8	1	1-5/8
10	1-5/8	2-5/8

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
A5	2",3",4"	962.00	917.00	2,068.00	5.8	8.2
A5	6"	2,033.00	1,988.00	3,141.00	5.8	8.2
A6	2",3",4"	1,174.00	1,064.00	2,579.00	7.7	8.6
A6	6"	2,244.00	2,138.00	3,650.00	7.7	8.6
A7	2",3",4"	1,352.00	1,286.00	3,328.00	10.6	9.3
A7	6"	2,424.00	2,358.00	4,401.00	10.6	9.3
A8	2",3",4"	1,692.00	1,606.00	3,483.00	14.0	10.2
A8	6"	2,764.00	2,678.00	4,553.00	14.0	10.2
A10	2",3",4"	2,309.00	2,183.00	4,158.00	32.2	14.7
A10	6"	3,383.00	3,255.00	5,231.00	32.2	14.7

Outlet Variations		
Type	Designation	Add
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	Description		Add
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-85	3,054.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
X	Heavy Duty Top Assy (A6 Only)		410.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

1100-D Floor Drain Body w/ Adjustable Round Hinged Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty



1100-D6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
D6	2",3",4"	1,580.00	1,506.00	9.0	9.3
D6	6"	2,654.00	2,579.00	9.0	9.3

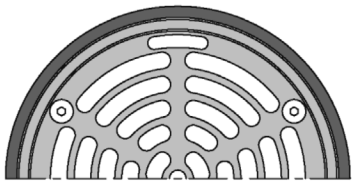
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "D" round hinged top assembly.

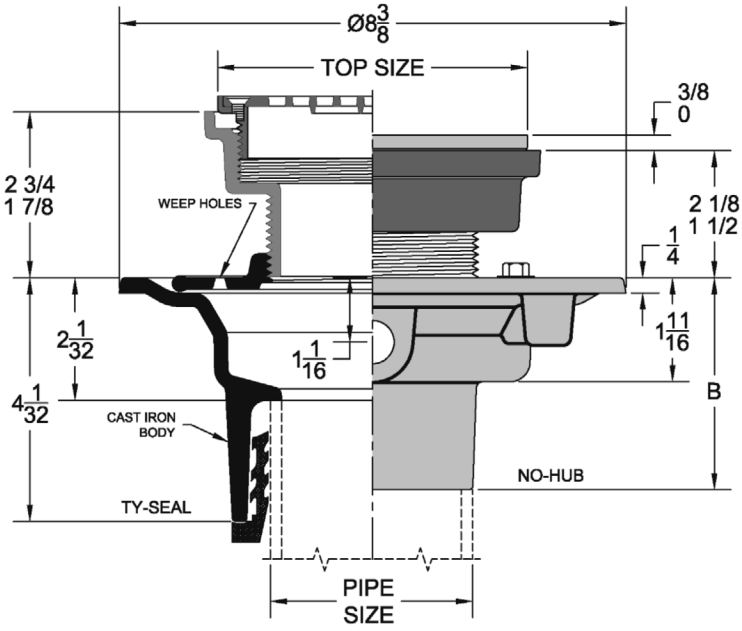
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,076.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating (Top Assembly)		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
23	Grate Riser (Extends Grate 3/8")		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure RIng		722.00
39	Galvanized Cast Iron		386.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

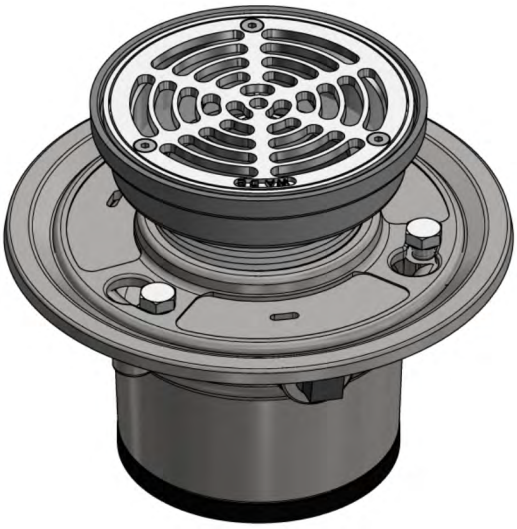
** Dimensions vary from illustration*

1100-DA Floor Drain Body w/ Double Adjustable Top Assembly





ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-85) Satin Bronze	Medium Duty



1100-DA5-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
DA5	2",3",4"	966.00	2,068.00	8.86	8.7
DA5	6"	2,039.00	3,141.00	8.86	8.7
DA6	2",3",4"	1,174.00	2,578.00	11.0	8.9
DA6	6"	2,244.00	3,648.00	11.0	8.9

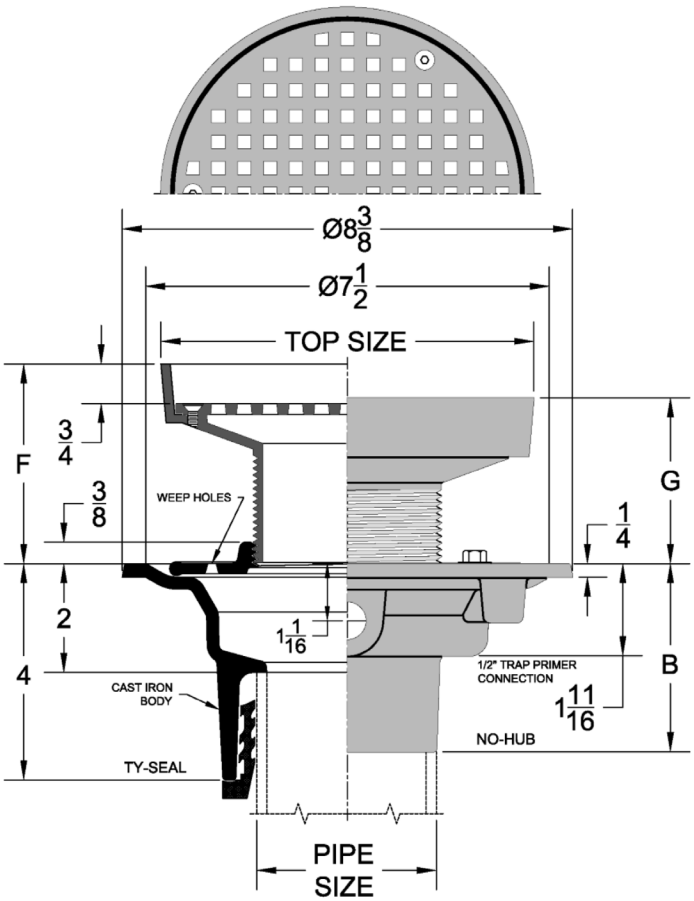
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "DA" round double adjustable top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,076.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-85	3,054.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		386.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-ER Floor Drain Body w/ Adjustable Extended Rim Top Assembly (Indirect Waste)



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



1100-ER7-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
ER5	2",3",4"	2,170.00	2,040.00	--	5.4	9.5
ER5	6"	3,243.00	3,113.00	--	5.4	9.5
ER7	2",3",4"	2,339.00	2,146.00	4,236.00	13.5	11.4
ER7	6"	3,412.00	3,218.00	5,308.00	13.5	11.4
ER9	2",3",4"	3,280.00	2,996.00	--	22.0	15.1
ER9	6"	4,350.00	4,066.00	--	22.0	15.1

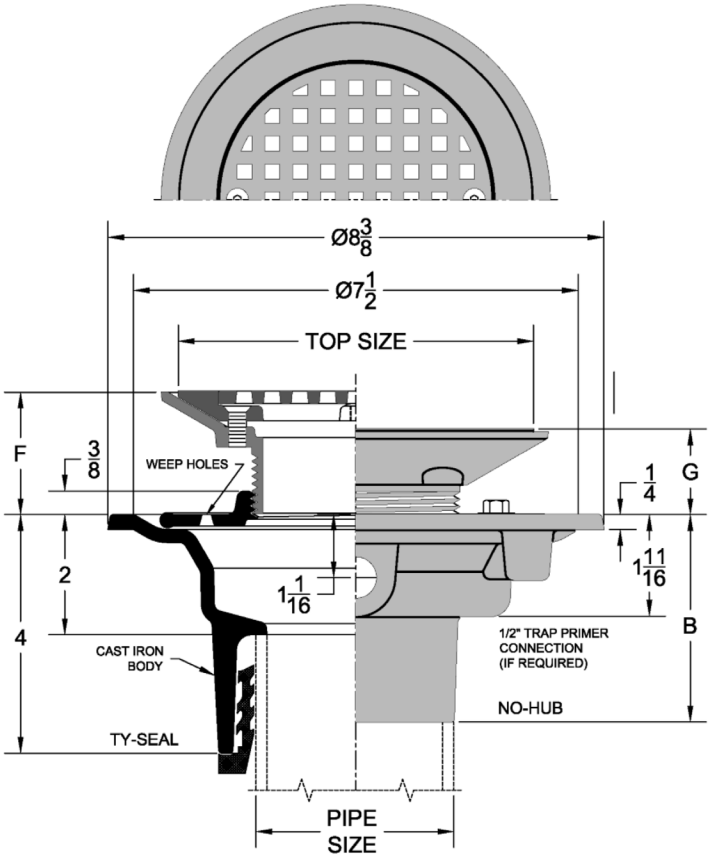
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "ER" round extended rim top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-FC Floor Drain Body w/ Adjustable Flooring Clamp Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty



1100-FC6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
FC6	2",3",4"	3,316.00	2,986.00	8.0	11.8
FC6	6"	4,388.00	4,058.00	8.0	11.8
FC9	2",3",4"	4,236.00	3,794.00	14.0	16.6
FC9	6"	5,308.00	4,864.00	14.0	16.6

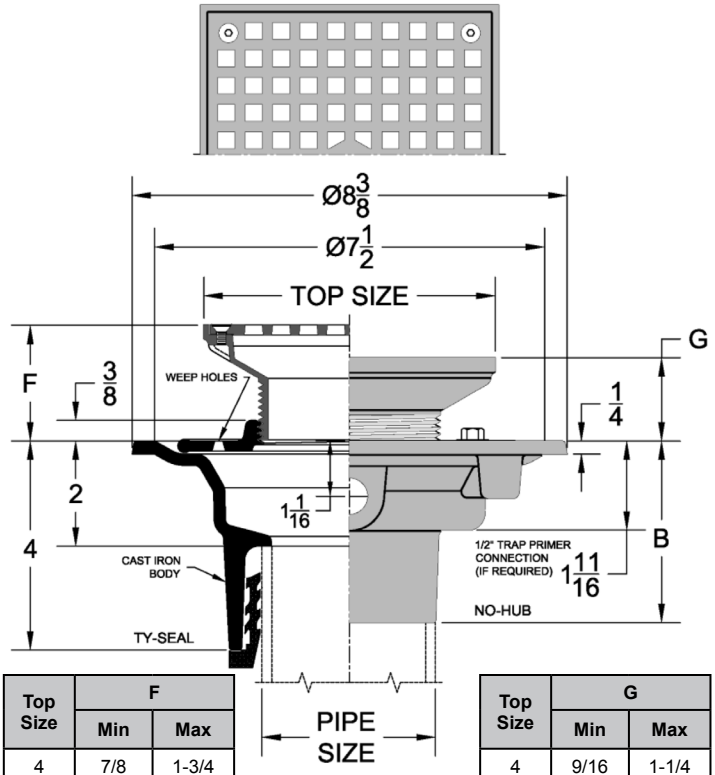
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "FC" round floor clamp top assembly. Strainer shank is painted cast iron.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-85	3,054.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
41	Galvanized Cast Iron Top		587.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-G Floor Drain Body w/ Adjustable Square Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty



1100-G6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

** Dimensions vary from illustration*

Top Size	F	
	Min	Max
4	7/8	1-3/4
5	1-7/16	2-1/8
6	1-1/2	2-3/8
8	1-3/8	2-1/4

Top Size	G	
	Min	Max
4	9/16	1-1/4
5	15/16	1-5/8
5	1	1-3/4
8	1	1-5/8

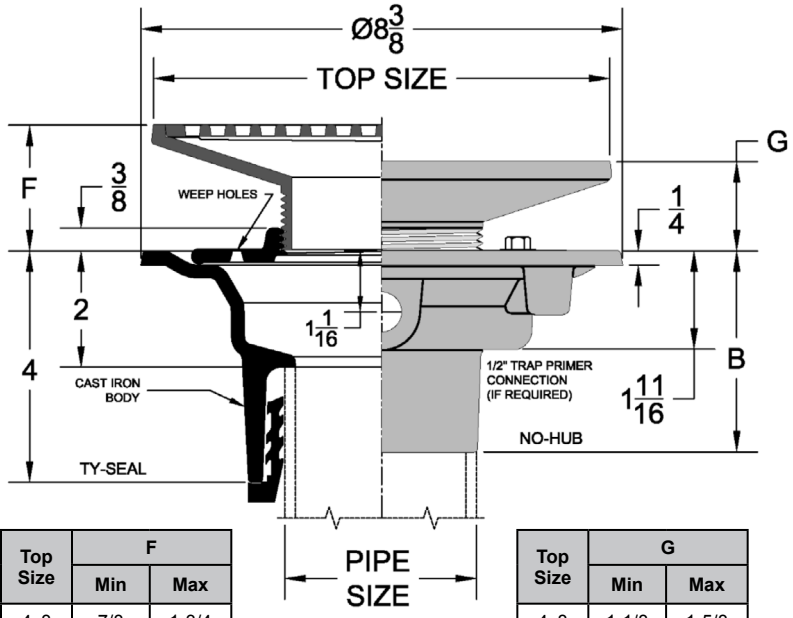
Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
G4	2",3",4"	1,263.00	1,155.00	--	9.0	11.5
G4	6"	2,334.00	2,229.00	--	9.0	11.5
G5	2",3",4"	1,278.00	1,174.00	2,162.00	7.0	8.7
G5	6"	2,351.00	2,244.00	3,234.00	7.0	8.7
G6	2",3",4"	1,426.00	1,352.00	2,655.00	12.0	9.2
G6	6"	2,499.00	2,424.00	3,726.00	12.0	9.2
G8	2",3",4"	2,068.00	1,877.00	3,588.00	16.0	12.4
G8	6"	3,141.00	2,949.00	4,662.00	16.0	12.4

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "G" square top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-85	3,054.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

1100-H Floor Drain Body w/ Adjustable Rectangular Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty

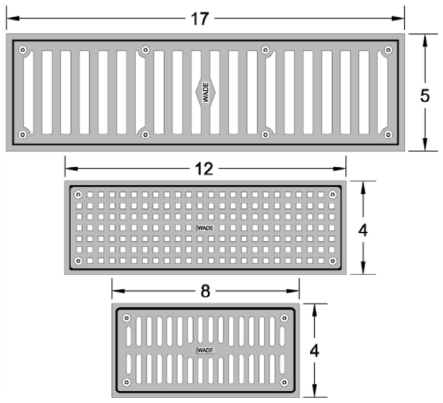


1100-H4X12-1-3TY

Top Size	F	
	Min	Max
4x8	7/8	1-3/4
4x12	1-7/16	2-1/8
5x17	1-1/2	2-3/8

Top Size	G	
	Min	Max
4x8	1-1/8	1-5/8
4x12	1-1/8	1-5/8
5x17	1-3/4	2-5/8

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4



Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
H4x8	2",3",4"	2,208.00	2,064.00	10.0	11.1
H4x8	6"	3,281.00	3,135.00	10.0	11.1
H4x12	2",3",4"	2,996.00	2,720.00	14.0	12.3
H4x12	6"	4,066.00	3,792.00	14.0	12.3
H5x17	2",3",4"	3,192.00	2,916.00	32.0	20.8
H5x17	6"	4,265.00	3,990.00	32.0	20.8

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "H" rectangular top assembly.

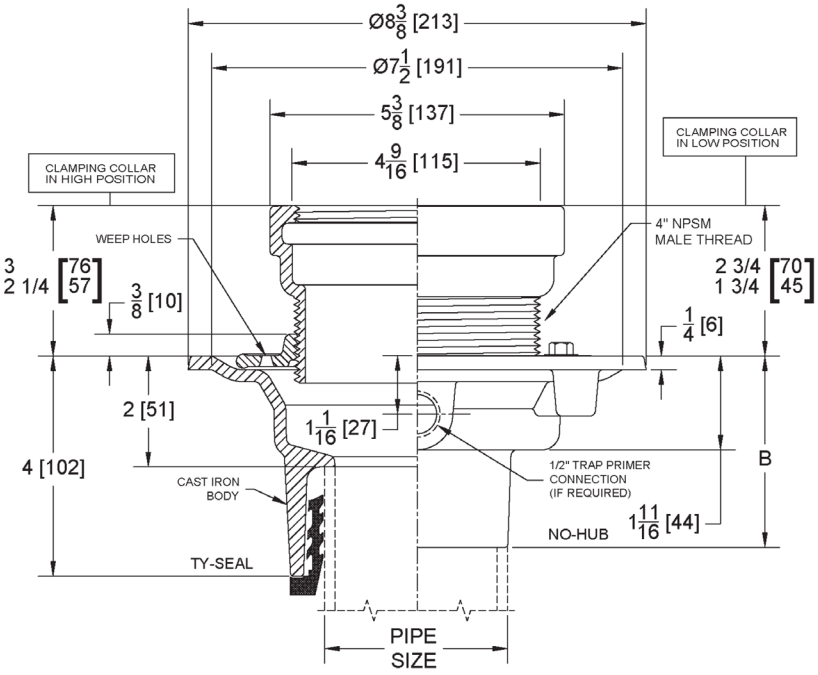
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

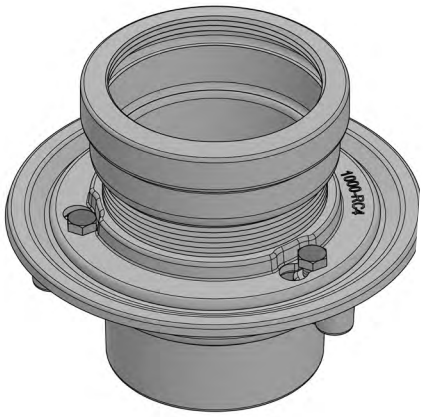
Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-HD Floor Drain Body w/ Adjustable Round Hub Condensate Opening

ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty





Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
HD	2",3",4",6" (51,76,102,152)	1,682.00	1,025.00
Wt. Lbs. 8.0 (4)			

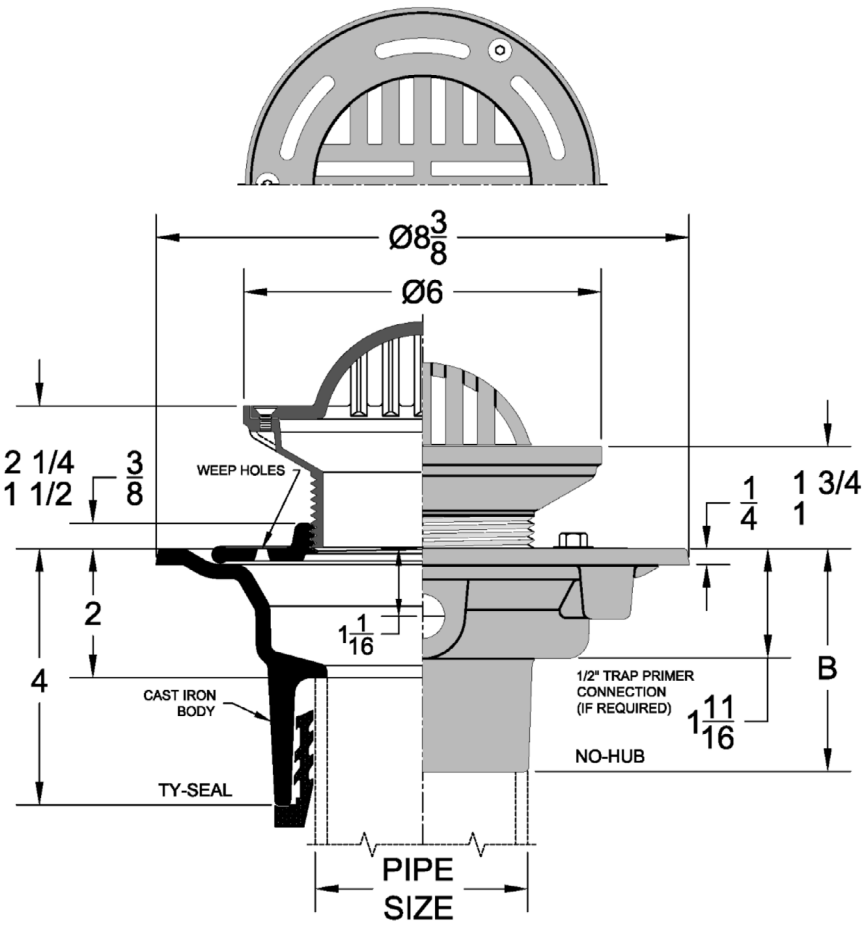
Regularly Furnished: Painted cast iron floor drain body with flange, seepage openings, 1/2" primer tap with plug, & type "HD" hub top assembly.

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
39	Galv. Cast Iron		387.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

** Dimensions vary from illustration*

1100-K Floor Drain Body w/ Adjustable Round Top Assembly (Dome Grate)





1100-K6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
K6	2",3",4"	1,704.00	1,548.00	9.0	9.6
K6	6"	2,777.00	2,621.00	9.0	9.6

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "K" round dome top assembly.

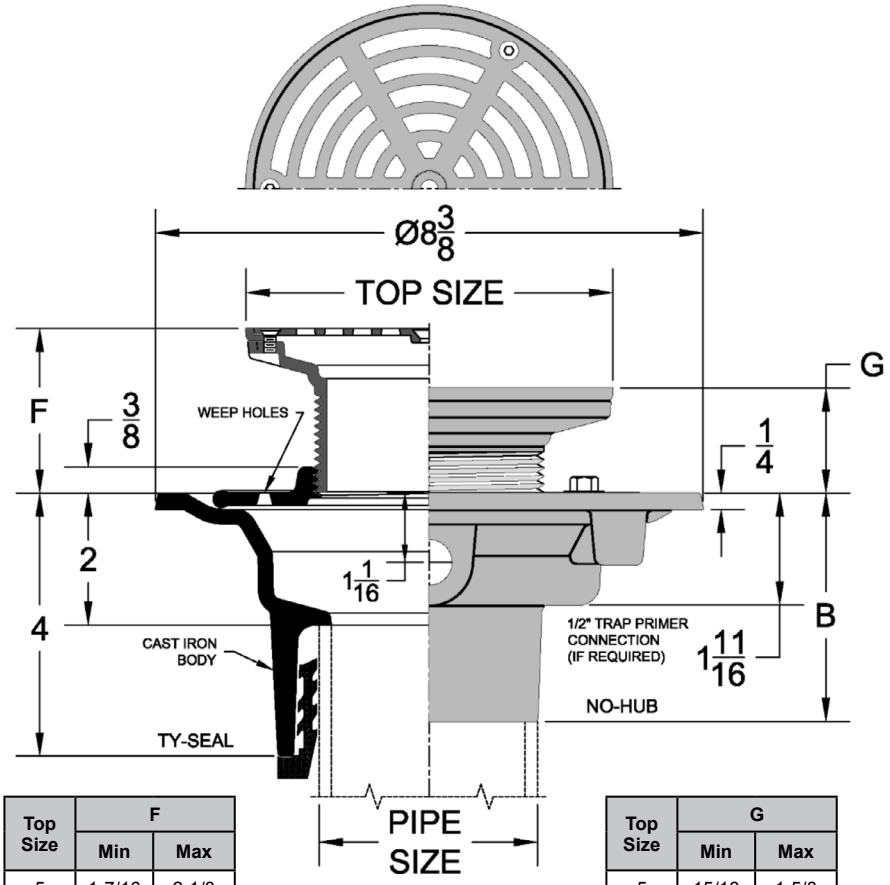
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-MR Floor Drain Body w/ Adjustable Round Top Assembly

ASME Load Rating	
(-85) Stainless Steel	Medium Duty





1100-MR5-85-3TY

Top Size	F	
	Min	Max
5	1-7/16	2-1/8
6	1-1/2	2-3/8

Top Size	G	
	Min	Max
5	15/16	1-5/8
6	1	1-3/4

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-85 Cast Iron Body with Stainless Steel Grate	Grate Free Area (Sq. In.)	Wt. Lbs.
MR5	2",3",4"	960.00	6.3	9.4
MR5	6"	2,028.00	6.3	9.4
MR6	2",3",4"	1,173.00	9.5	10.2
MR6	6"	2,243.00	9.5	10.2

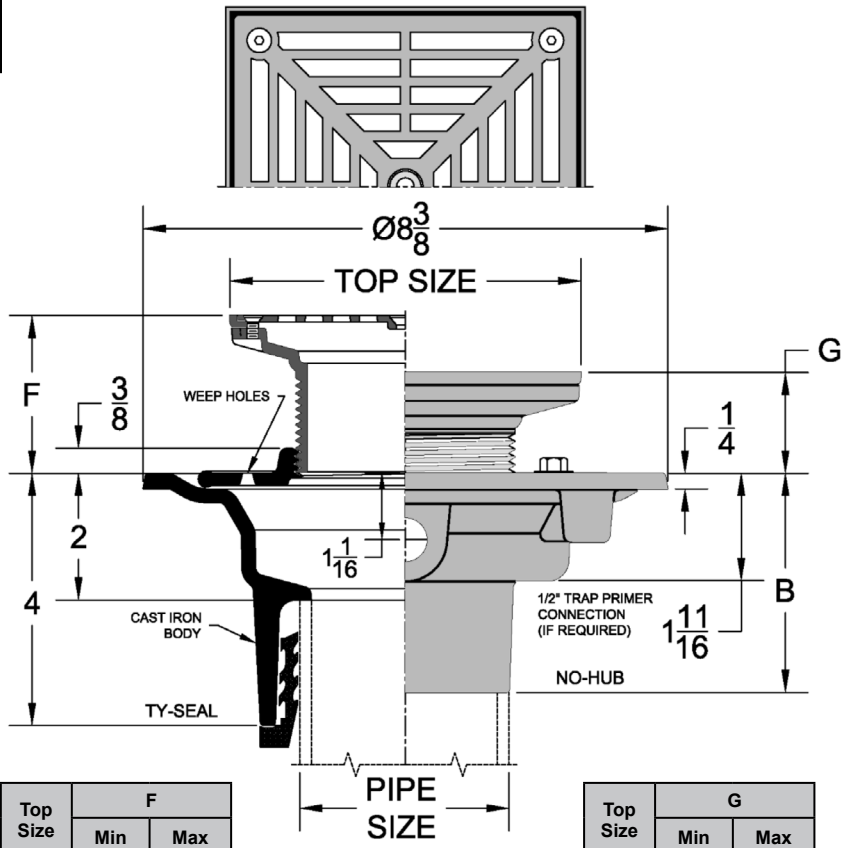
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "MR" round top assembly. Shank is cast iron with stainless steel frame and grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
41	Galvanized Cast Iron Shank		587.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-MS Floor Drain Body w/ Adjustable Square Top Assembly



ASME Load Rating	
(-85) Stainless Steel	Medium Duty



1100-MS5-85-3TY

Top Size	F	
	Min	Max
5	1-7/16	2-1/8
6	1-1/2	2-3/8

Top Size	G	
	Min	Max
5	15/16	1-5/8
6	1	1-3/4

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-85 Cast Iron Body with Stainless Steel Grate	Grate Free Area (Sq. In.)	Wt. Lbs.
MS5	2",3",4"	1,274.00	8.8	10.3
MS5	6"	2,344.00	8.8	10.3
MS6	2",3",4"	1,426.00	12.7	11.4
MS6	6"	2,498.00	12.7	11.4

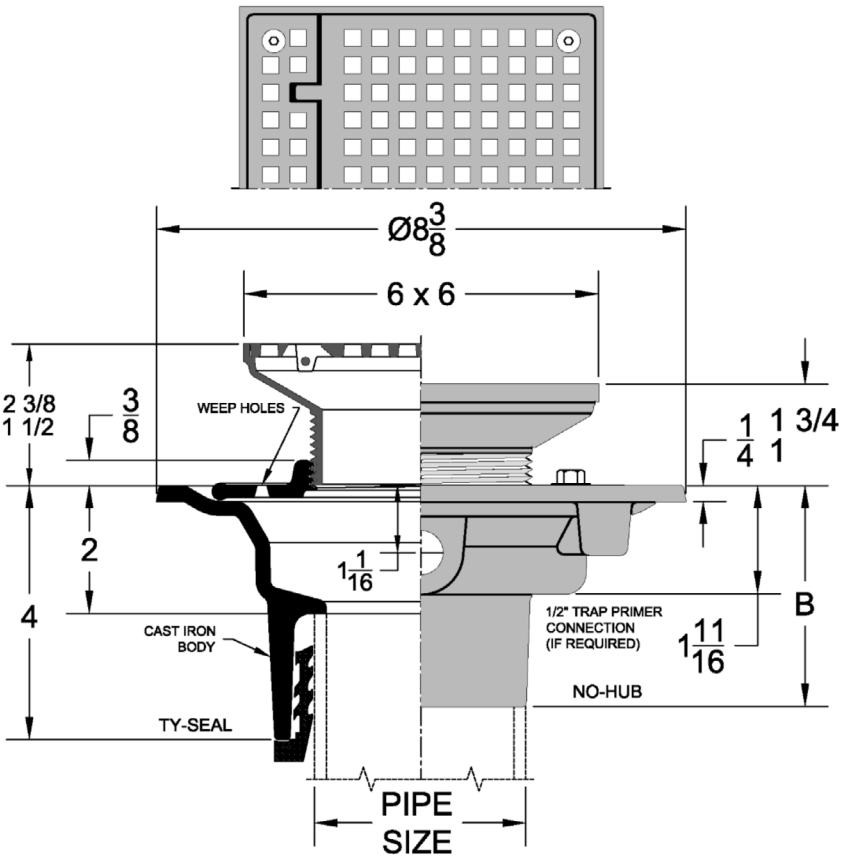
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "MS" square top assembly. Shank is cast iron w/ stainless steel frame and grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly	-85	2,346.00
EG6	6" Elongated Funnel Assembly	-85	3,054.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
41	Galvanized Cast Iron Shank		587.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-N Floor Drain Body w/ Adjustable Square Hinged Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty



1100-N6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
N6	2",3",4"	2,081.00	2,003.00	10.0	10.3
N6	6"	3,153.00	3,072.00	10.0	10.3

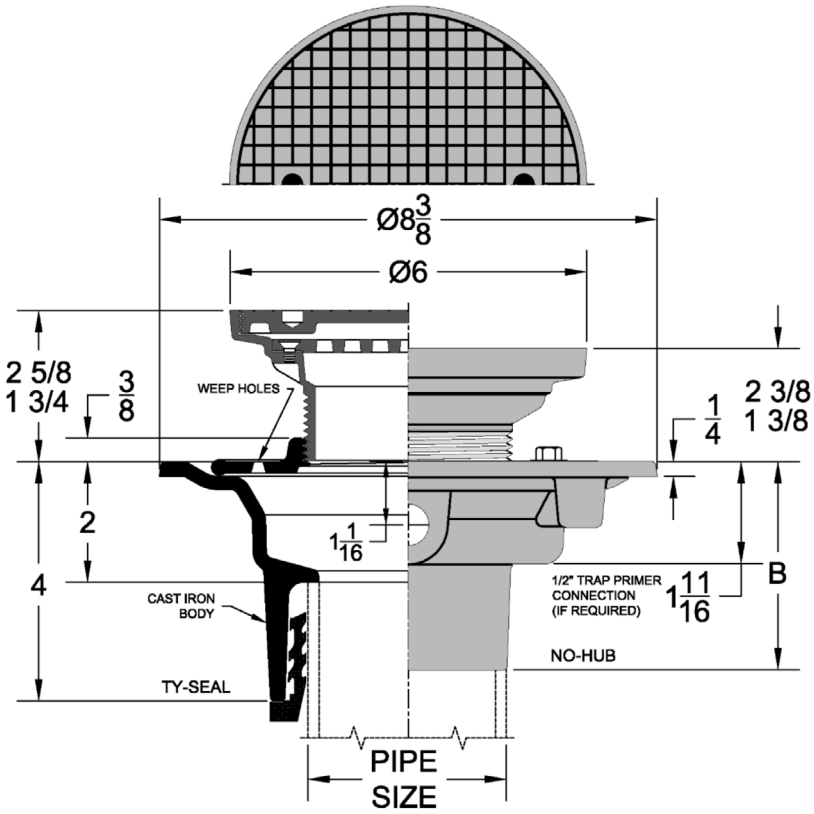
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "N" square hinged top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-P Floor Drain Body w/ Adjustable Round Solid Spanner Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty



1100-P6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Wt. Lbs.
P6	2",3",4"	2,243.00	2,092.00	10.9
P6	6"	3,316.00	3,165.00	17.6

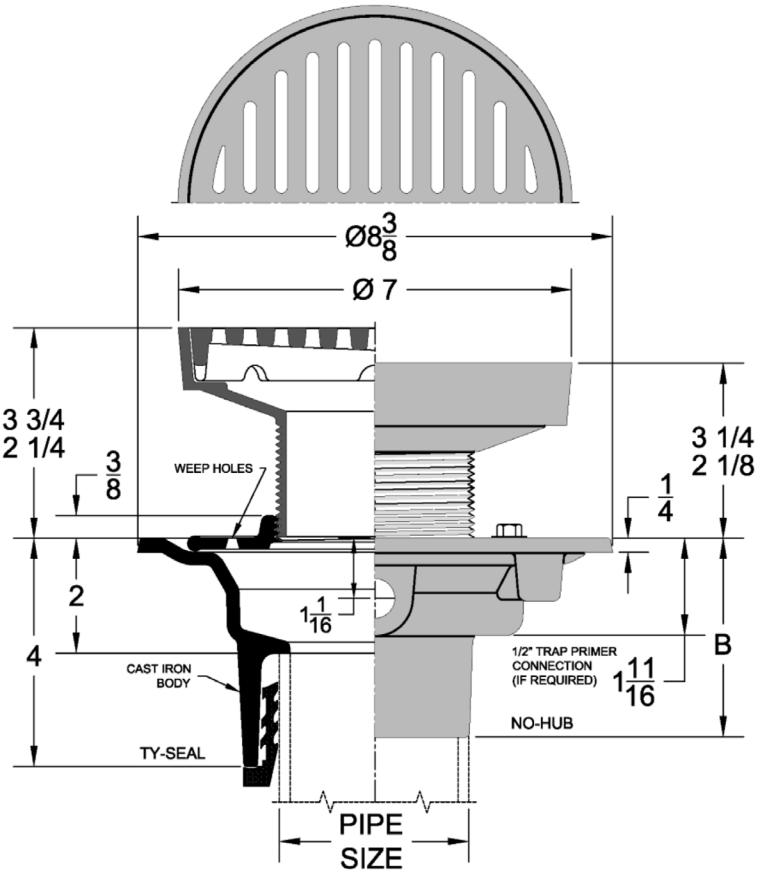
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "P" solid spanner top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-TS Floor Drain Body w/ Adjustable Round Tractor Top Assembly



Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-12) Ductile Iron	Heavy Duty



1100-TS7-1-3TY

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
TS7	2",3",4"	2,339.00	2,146.00	1,131.00	8.0	14.0
TS7	6"	3,412.00	3,218.00	2,204.00	8.0	15.0

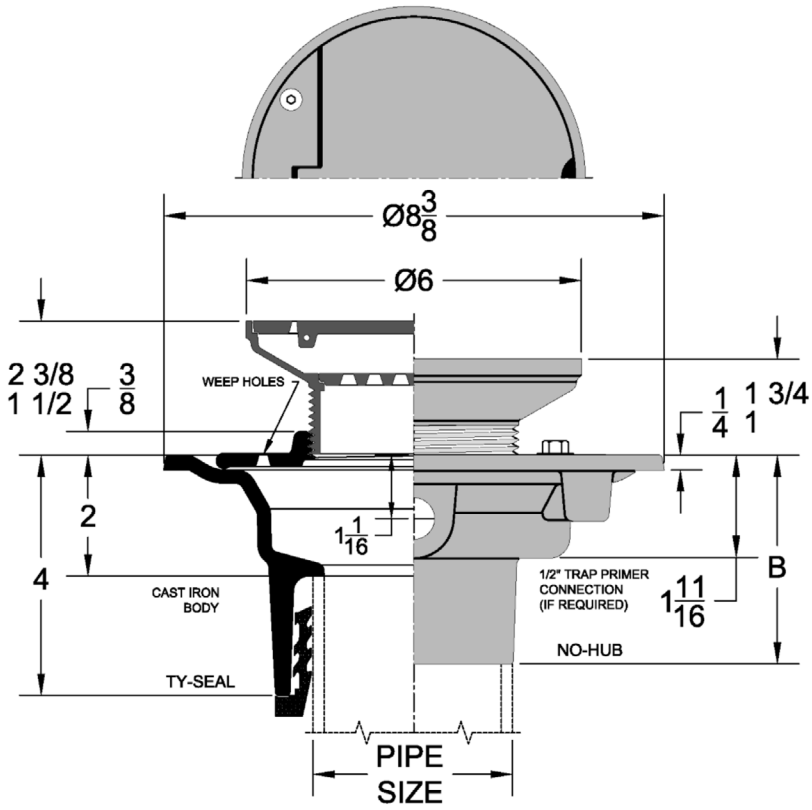
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "TS" round tractor style top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

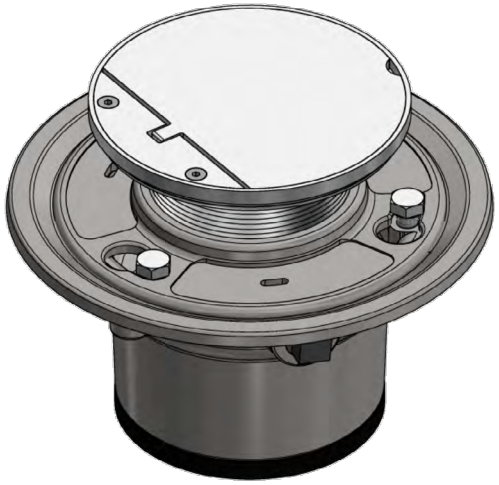
Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
23	Grate Riser (Extends Grate 3/8"		464.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1100-VD Floor Drain Body w/ Adjustable Round Solid Hinged Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty



1100-VD6-1-3TY

Outlet	No-Hub	Inside Caulk	Threaded
B	3-1/2	4-1/4	2-3/4

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	Wt. Lbs.
VD6	2",3",4"	1,904.00	1,692.00	18.6
VD6	6"	2,975.00	2,764.00	19.6

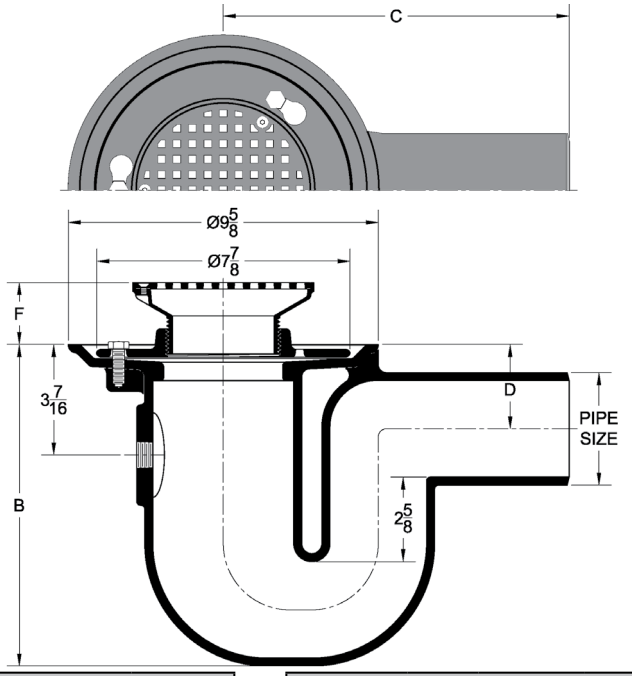
Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable type "VD" round solid hinged top assembly.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
	6NH * (Above Pricing Includes Adder)	1,073.00
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)		436.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		387.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

** Dimensions vary from illustration*

1120-A Floor Drain Body w/ Integral Trap & Adjustable Round Top Assembly



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-85) Stainless Steel	Medium Duty

1120-A6-1-3NH



** Dimensions vary from illustration*

Dimensions (In.)		
Top Size	F (High Position)	
	Min	Max
A5	1-3/8	2-1/8
A6	1-3/8	2-1/4
A7	1-3/8	2-1/8
A8	1-1/2	2-1/8
A10	2	3-1/4

Dimensions (In.)			
Pipe Size	B	C	D
2"	7-7/8	1-1/16	2
3"	10	12-15/16	2-5/8
4"	12	13-9/16	3-1/8

Top Size & Type	Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	Grate Free Area (Sq. In.)	Wt. Lbs.
A5	2",3"	2,000.00	1,955.00	3,254.00	5.8	29.1
A5	4"	2,201.00	2,156.00	3,454.00	5.8	29.1
A6	2",3"	2,212.00	2,104.00	3,616.00	7.7	29.5
A6	4"	2,414.00	2,304.00	3,816.00	7.7	29.5
A7	2",3"	2,391.00	2,324.00	4,367.00	10.6	30.2
A7	4"	2,592.00	2,523.00	4,569.00	10.6	30.2
A8	2",3"	2,730.00	2,645.00	4,517.00	14.0	31.1
A8	4"	2,933.00	2,847.00	4,720.00	14.0	31.1
A10	2",3"	3,348.00	3,222.00	5,196.00	32.2	35.6
A10	4"	3,550.00	3,423.00	5,398.00	32.2	35.6

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar & p-trap, seepage openings, 1/2" NPT trap primer tapping with plug, adjustable type "A" round top assembly.

Outlet Variations		
Type	Designation	Add
No-Hub	2NH,3NH,4NH	N/C

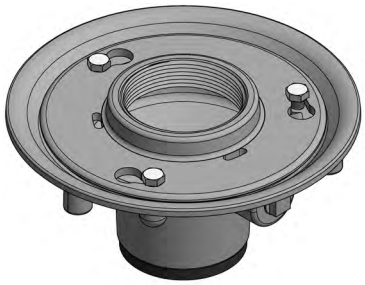
Suffix Options			
Suffix	Description		Add
ARC	ACID Resistant Coating		340.00
DC	Debris Cover		131.00
DIA	Deck Installation Assembly *		272.00
EF4	4" ROUNDUP Funnel Assembly *	-1	887.00
		-2	722.00
		-85	2,346.00
EF6	6" ROUNDUP Funnel Assembly *	-1	1,314.00
		-2	1,110.00
		-85	3,054.00
EG6	6" Elongated Funnel Assembly *	-1	887.00
		-2	722.00
		-85	3,054.00
EG8	8" Elongated Funnel Assembly *	-1	1,835.00
		-2	1,618.00
		-85	3,054.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top Assembly		114.00
27	Sediment Bucket		219.00
31	Backwater Valve		759.00
33	Closure Plug		722.00
39	Galv. Cast Iron		821.00
83	Special Engraving		384.00
94	Cast Iron Extension Adapter *	Painted	280.00
		39 Galv.	605.00
102	Chrome Plated Top Assembly		56.00

1100 Adjustable Floor & Area Drain Bodies

Cast Iron Bottom Outlet Bodies		List Price			
Part Number	Outlet Size / Type	Painted	(ARC)	39 Galv.	Wt. Lbs.
WP1100-2IC	2" Inside Caulk	344.00	546.00	731.00	6.9
WP1100-3IC	3" Inside Caulk	344.00	546.00	731.00	10.3
WP1100-4IC	4" Inside Caulk	344.00	546.00	731.00	10.1
WP1100-2IPS	2" Threaded	507.00	708.00	892.00	9.3
WP1100-3IPS	3" Threaded	507.00	708.00	892.00	10.1
WP1100-4IPS	4" Threaded	507.00	708.00	892.00	10.1
WP1100-2NH	2" No-Hub	344.00	546.00	731.00	6.9
WP1100-3NH	3" No-Hub	344.00	546.00	731.00	6.8
WP1100-4NH	4" No-Hub	344.00	546.00	731.00	6.5
WP1100-2TY	2" Push On with Gasket	344.00	546.00	731.00	7.6
WP1100-3TY	3" Push On with Gasket	344.00	546.00	731.00	7.6
WP1100-4TY	4" Push On with Gasket	344.00	546.00	731.00	7.1



Cast Iron Bottom Outlet Bodies (LB)		List Price			
Part Number	Outlet Size / Type	Painted	(ARC)	39 Galv.	Wt. Lbs.
WP1100-LB-2IC	2" Inside Caulk	344.00	546.00	731.00	6.5
WP1100-LB-3IC	3" Inside Caulk	344.00	546.00	731.00	7.0
WP1100-LB-4IC	4" Inside Caulk	344.00	546.00	731.00	6.8
WP1100-LB-2IPS	2" Threaded	507.00	708.00	892.00	6.0
WP1100-LB-3IPS	3" Threaded	507.00	708.00	892.00	6.8
WP1100-LB-4IPS	4" Threaded	507.00	708.00	892.00	6.8
WP1100-LB-2NH	2" No-Hub	344.00	546.00	731.00	6.5
WP1100-LB-3NH	3" No-Hub	344.00	546.00	731.00	6.3
WP1100-LB-4NH	4" No-Hub	344.00	546.00	731.00	6.5
WP1100-LB-6NH	6" No-Hub	1,416.00	1,752.00	1,805.00	13.6
WP1100-LB-2TY	2" Push On with Gasket	344.00	546.00	731.00	7.3
WP1100-LB-3TY	3" Push On with Gasket	344.00	546.00	731.00	8.0
WP1100-LB-4TY	4" Push On with Gasket	344.00	546.00	731.00	8.7



Cast Iron Side Outlet Bodies		List Price			
Part Number	Outlet Size / Type	Painted	(ARC)	39 Galv.	Wt. Lbs.
WP1100-SO-2IPS	2" Threaded	939.00	1,143.00	1,323.00	17.5
WP1100-SO-3IPS	3" Threaded	939.00	1,143.00	1,323.00	13.5
WP1100-SO-4IPS	4" Threaded	939.00	1,143.00	1,323.00	15.6



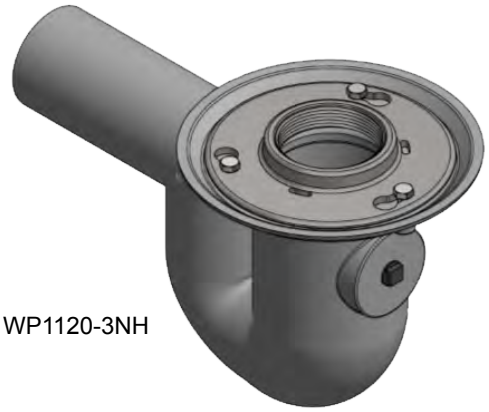
1100 Adjustable Floor & Area Drain Bodies

Plastic Bottom Outlet Bodies		List Price	Wt. Lbs.
Part Number	Outlet Size / Type		
WP1100-2PVC	2" Socket Weld	266.00	3.2
WP1100-3PVC	3" Socket Weld	266.00	3.2
WP1100-4PVC	4" Socket Weld	266.00	3.2
WP1100-2ABS	2" Socket Weld	266.00	3.2
WP1100-3ABS	3" Socket Weld	266.00	3.2
WP1100-4ABS	4" Socket Weld	266.00	3.2



WP1100-3PVC

Cast Iron Bodies w/ P-Trap		List Price			
Part Number	Outlet Size / Type	Painted	(ARC)	39 Galv.	Wt. Lbs.
WP1120-2NH	2" No-Hub	1,385.00	2,150.00	1,779.00	24.0
WP1120-3NH	3" No-Hub	1,385.00	2,150.00	1,779.00	27.8
WP1120-4NH	4" No-Hub	1,587.00	2,349.00	1,954.00	35.3



WP1120-3NH

1100 Adjustable Strainer Assemblies (3" NPSM Threaded Shank)

Type 'A' ROUNDUP Strainer w/ Square Holes		List Price	Wt. Lbs.
WP1100-A5-1	Satin Finish Nickel Bronze	618.00	1.3
WP1100-A5-2	Satin Finish Bronze Top	573.00	1.3
WP1100-A5-85	Satin Finish Stainless Steel Top	1,725.00	1.3
WP1100-A5-102	Chrome Plated	671.00	1.3
WP1100-A5-ARC	A.R.C. Coated (White)	750.00	1.3
WP1100-A6-1	Satin Finish Nickel Bronze	831.00	1.7
WP1100-A6-2	Satin Finish Bronze	720.00	1.7
WP1100-A6-85	Satin Finish Stainless Steel	2,236.00	2.3
WP1100-A6-102	Chrome Plated	884.00	1.7
WP1100-A6-ARC	A.R.C. Coated (White)	965.00	1.7
WP1100-A7-1	Satin Finish Nickel Bronze	1,008.00	2.4
WP1100-A7-2	Satin Finish Bronze Top	941.00	2.4
WP1100-A7-85	Satin Finish 304 Stainless Steel	2,985.00	2.8
WP1100-A7-102	Chrome Plated	1,062.00	2.4
WP1100-A7-ARC	A.R.C. Coated (White)	1,145.00	2.4
WP1100-A8-1	Satin Finish Nickel Bronze	1,349.00	3.3
WP1100-A8-2	Satin Finish Bronze	1,263.00	3.3
WP1100-A8-85	Satin Finish 304 Stainless Steel	3,140.00	4.4
WP1100-A8-102	Chrome Plated	1,404.00	3.3
WP1100-A8-ARC	A.R.C. Coated (White)	1,485.00	3.3
WP1100-A10-1	Satin Finish Nickel Bronze Top Assembly	1,966.00	7.8
WP1100-A10-2	Satin Finish Bronze Top Assembly	1,839.00	7.8
WP1100-A10-85	Satin Finish 304 Stainless Steel Top Assembly	3,815.00	8.0



WP1100-A6-1

1100 Adjustable Strainer Assemblies (3" NPSM Threaded Shank)

Type 'D' Strainer (ROUNDUP Hinged Grate)		List Price	Wt. Lbs.
WP1100-D6-1	Satin Finish Nickel Bronze Top Assembly	1,236.00	2.4
WP1100-D6-2	Satin Finish Bronze Top Assembly	1,164.00	2.4



D6-1

Type 'DA' Strainer (ROUNDUP Double Adjust)		List Price	Wt. Lbs.
WP1100-DA5-1	Satin Finish Nickel Bronze Top Assembly	623.00	1.8
WP1100-DA5-85	Satin Finish Stainless Steel Top Assembly	1,725.00	1.9
WP1100-DA6-1	Satin Finish Nickel Bronze Top Assembly	831.00	2.0
WP1100-DA6-85	Satin Finish Stainless Steel Top Assembly	2,235.00	2.1



DA6-1

Type 'ER' Strainer (w/ Extended Rim)		List Price	Wt. Lbs.
WP1100-ER5-1	Satin Finish Nickel Bronze	1,827.00	2.6
WP1100-ER5-2	Satin Finish Bronze	1,697.00	2.6
WP1100-ER7-1	Satin Finish Nickel Bronze	1,995.00	4.5
WP1100-ER7-2	Satin Finish Bronze	1,803.00	4.5
WP1100-ER7-85	Satin Finish Stainless Steel	3,892.00	5.0
WP1100-ER9-1	Satin Finish Nickel Bronze	2,937.00	8.2
WP1100-ER9-2	Satin Finish Bronze Top	2,652.00	8.2



ER7-1

1100 Adjustable Strainer Assemblies (3" NPSM Threaded Shank)

Type 'FC' Strainer (w/ Flooring Clamp)		List Price	Wt. Lbs.
WP1100-FC6-1	C.I. Shank / Satin Finish Nickel Bronze Top	2,972.00	4.9
WP1100-FC6-1-41	C.I. (Galv.) Shank / Satin Finish Nickel Bronze Top	3,555.00	4.9
WP1100-FC6-2	C.I. Shank / Satin Finish Bronze Top	2,644.00	4.9
WP1100-FC9-1	C.I. Shank / Satin Finish Nickel Bronze Top	3,892.00	9.7
WP1100-FC9-1-41	C.I. Shank / Satin Finish Nickel Bronze Top	4,475.00	9.7
WP1100-FC9-2	C.I. Shank / Satin Finish Bronze Top	3,449.00	9.7



FC6-1

Type 'G' Strainer (Square w/ Square Openings)		List Price	Wt. Lbs.
WP1100-G4-1	Satin Finish Nickel Bronze	920.00	1.5
WP1100-G4-2	Satin Finish Bronze Top Assembly	812.00	1.5
WP1100-G5-1	Satin Finish Nickel Bronze	935.00	1.8
WP1100-G5-2	Satin Finish Bronze	831.00	1.8
WP1100-G5-85	Satin Finish Stainless Steel	1,818.00	1.9
WP1100-G5-102	Chrome Plated	989.00	1.8
WP1100-G6-1	Satin Finish Nickel Bronze	1,083.00	2.3
WP1100-G6-2	Satin Finish Bronze	1,010.00	2.3
WP1100-G6-85	Satin Finish Stainless Steel	2,312.00	2.4
WP1100-G6-102	Chrome Plated	1,138.00	2.3
WP1100-G8-1	Satin Finish Nickel Bronze	1,725.00	5.5
WP1100-G8-2	Satin Finish Bronze Top	1,534.00	5.5
WP1100-G8-85	Satin Finish Stainless Steel	3,245.00	5.6
WP1100-G8-102	Chrome Plated	1,779.00	5.5
WP1100-G10-85	Satin Finish Stainless Steel	5,808.00	5.6



G5-1



H4X8-1

Type 'H' Strainers (Rectangular)		List Price	Wt. Lbs.
WP1100-H4X8-1	Satin Finish Nickel Bronze	1,865.00	4.2
WP1100-H4X8-2	Satin Finish Bronze	1,720.00	4.2
WP1100-H4X12-1	Satin Finish Nickel Bronze	2,652.00	5.4
WP1100-H4X12-2	Satin Finish Bronze	2,374.00	5.4
WP1100-H5X17-1	Satin Finish Nickel Bronze	2,849.00	13.9
WP1100-H5X17-2	Satin Finish Bronze	2,574.00	13.9



H4X12-1



H5X17-1

Type "HD" ROUNDUP Open Hub Strainer		List Price	Wt.
WP1100-HD5-1	Satin Finish Nickel Bronze	1,214.00	1.8
WP1100-HD5-12	Cast Iron	557.00	3.0

1100 Adjustable Strainer Assemblies (3" NPSM Threaded Shanks)

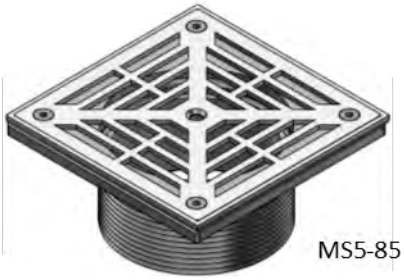
Type 'K' Strainers (w/ Dome Grate)		List Price	Wt. Lbs.
WP1100-K6-1	"K6" Satin Finish Nickel Bronze	1,360.00	2.7
WP1100-K6-2	"K6" Satin Finish Bronze	1,205.00	2.7


K6-1

Type 'MR' (Stainless Steel ROUNDUP Slotted Top)		List Price	Wt. Lbs.
WP1100-MR5-85	Cast Iron / Satin Finish Stainless Steel Top	616.00	2.5
WP1100-MR6-85	Cast Iron / Satin Finish Stainless Steel Top	828.00	3.3



Type 'MS' (Stainless Steel Square Slotted Top)		List Price	Wt. Lbs.
WP1100-MS5-85	Cast Iron / Satin Finish Stainless Steel Top	929.00	3.4
WP1100-MS6-85	Cast Iron / Satin Finish Stainless Steel Top	$1,083.00	4.5


MS5-85

Type 'N' Strainers (Square Hinged Grate)		List Price	Wt. Lbs.
WP1100-N6-1	Satin Finish Nickel Bronze	1,736.00	3.4
WP1100-N6-2	Satin Finish Bronze	1,659.00	3.4


N6-1

Type 'P' Strainers (Spanner Cover)		List Price	Wt. Lbs.
WP1100-P6-1	Satin Finish Nickel Bronze	1,900.00	4.0
WP1100-P6-2	Satin Finish Bronze	1,750.00	4.0


P6-1

1100 Adjustable Strainer Assemblies (3" NPSM Threaded Shank)

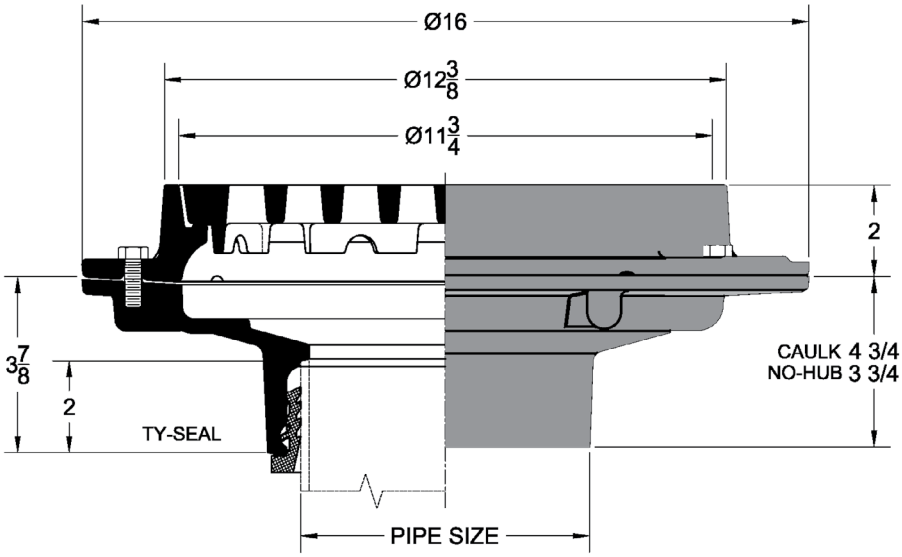
Type 'TS' Strainers (w/ ROUNDUP Tractor Grate)		List Price	Wt. Lbs.
WP1100-TS7-1	Satin Finish Nickel Bronze	1,995.00	5.6
WP1100-TS7-2	"TS7" Satin Finish Bronze	1,803.00	5.6
WP1100-TS7-12	"TS7" Ductile Iron	788.00	7.1
WP1100-TS7-12-VP	"TS7" Ductile Iron (Vandal Proof)	899.00	7.1
WP1100-TS7-41	Ductile Iron (Galvanized)	969.00	7.1
WP1100-TS7-12-85	"TS7" Ductile Iron (w/ S/S Veneer)	2,037.00	7.6
WP1100-TS7-12-41-85	"TS7" Ductile Iron (Galv. w/ S/S Veneer)	2,297.00	7.6


TS7-1

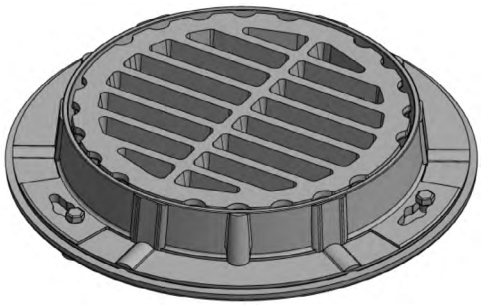
Type 'VD' Strainers (w/ Solid Hinged Cover)		List Price	Wt. Lbs.
WP1100-VD6-1	Satin Finish Nickel Bronze	1,560.00	3.4
WP1100-VD6-2	Satin Finish Bronze	1,349.00	3.4


VD6-1

1200 12" Diameter, Special Duty, Shallow Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1200-12-3TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	3,692.00	2,259.00
8",10"	4,127.00	2,693.00
Wt. Lbs.	73.80	71.80
Grate Free Area (Sq. In.)	25.60	43.40

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & special duty grate.

–1 or –2 Tops furnished heel proof (Except TD).
Add 1/4" to Top Dimension.

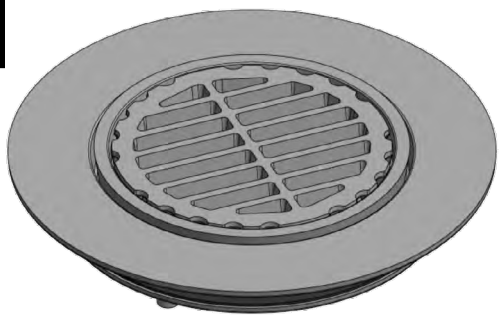
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,684.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		272.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	966.00
		-2	827.00
		-12	275.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		410.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,118.00

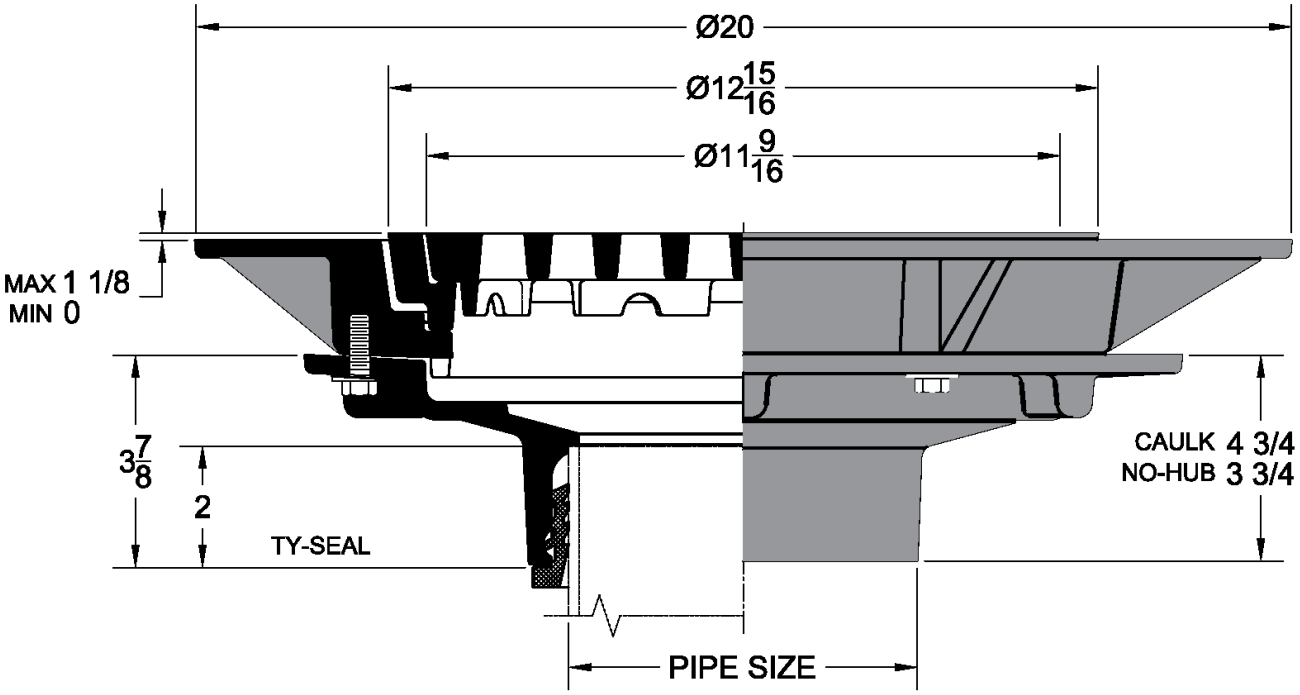
** Dimensions vary from illustration*

1200-E 12" Diameter, Special Duty & Area Drain w/ Elastomeric Flange

ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1200-E-12-3TY



Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	4,930.00	3,483.00
8",10"	5,534.00	4,083.00
Wt. Lbs.	44.0	42.0
Grate Free Area (Sq. In.)	25.6	43.4

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, elastomeric wide flange & special duty grate.

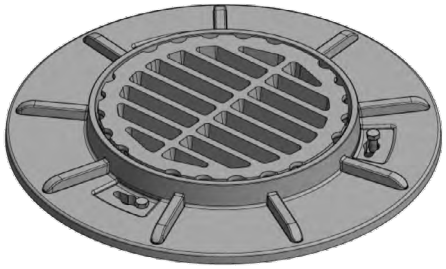
–1 or –2 Tops furnished heel proof (except TD).
Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		2,424.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		272.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
XS	Extra Shallow Body (3,4,6" No-Hub) *		N/C
7	Dome Grate	-1	966.00
		-2	827.00
		-12	275.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		410.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,802.00

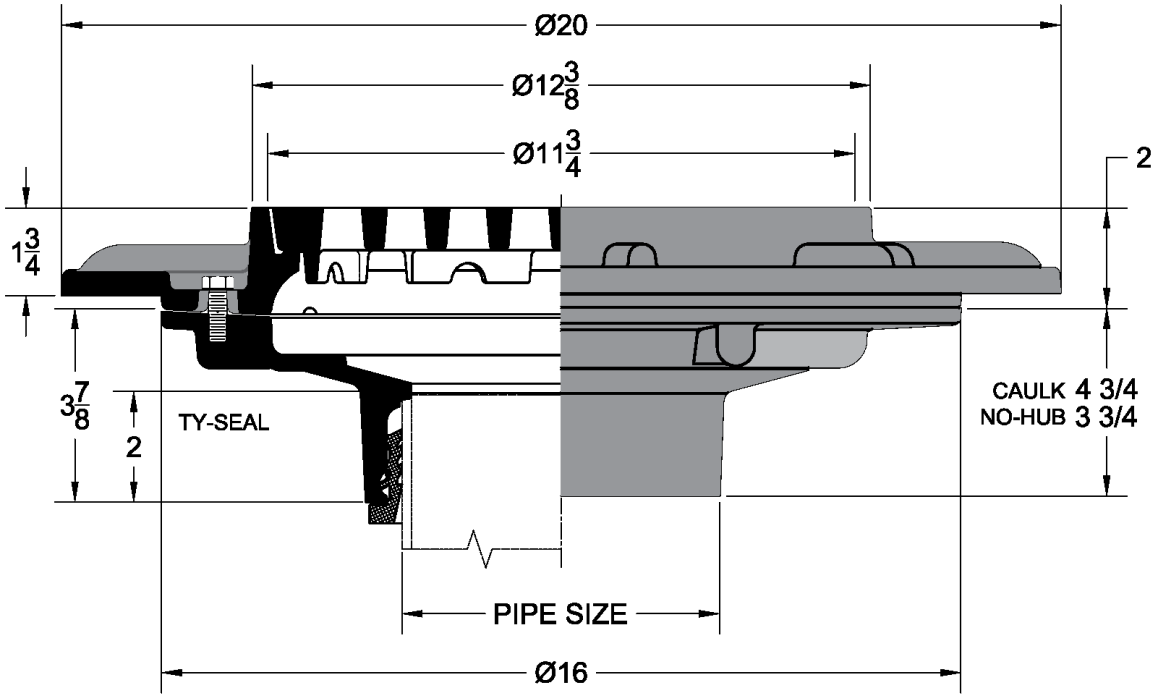
** Dimensions vary from illustration*

1207 12" Diameter, Special Duty Parking Area Drain



1207-12-3TY

ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	7,299.00	4,724.00
8",10"	7,736.00	5,158.00
Wt. Lbs.	48.0	46.0
Grate Free Area (Sq. In.)	25.6	43.4

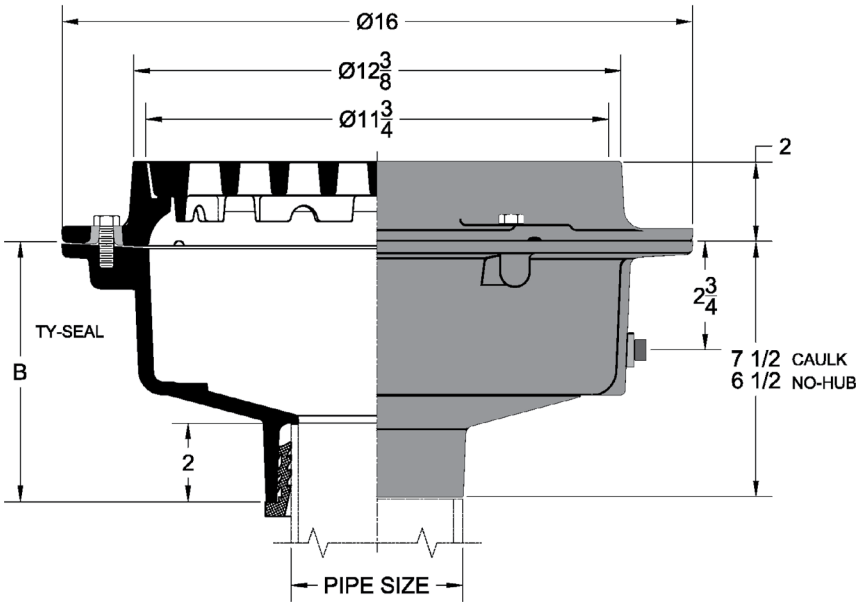
Regularly Furnished: Cast iron parking area drain with heavy duty support flange, seepage openings, 1/2" primer tap with plug, & special duty grate. –1 or –2 Tops furnished heel proof (except TD). Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

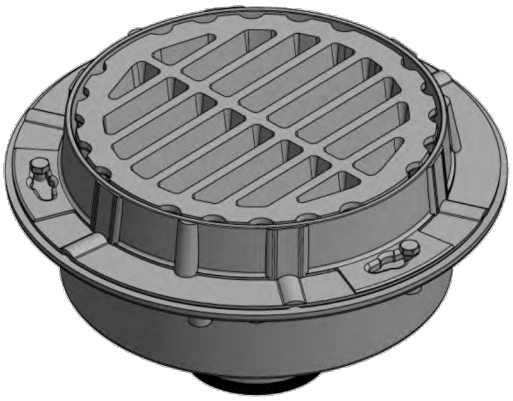
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		2,424.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		272.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		306.00
XS	Extra Shallow Body (3,4,6" No-Hub) *		N/C
7	Dome Grate	-1	966.00
		-2	827.00
		-12	275.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		410.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,802.00

** Dimensions vary from illustration*

1210 12" Diameter, Special Duty, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1210-12-4TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	3,953.00	2,519.00
8",10"	4,557.00	3,123.00
Wt. Lbs.	69.0	67.0
Grate Free Area (Sq. In.)	25.6	43.4

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug & special duty grate.

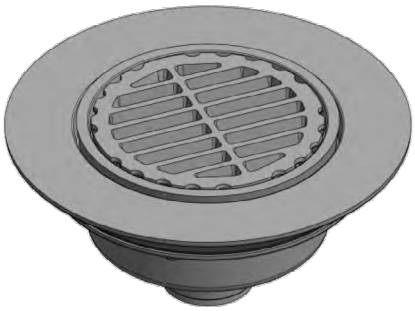
–1 or –2 Tops furnished heel proof (except TD).
Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,684.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		272.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		306.00
XS	Extra Shallow Body (3,4,6" No-Hub) *		N/C
7	Dome Grate	-1	966.00
		-2	827.00
		-12	275.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		508.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,278.00

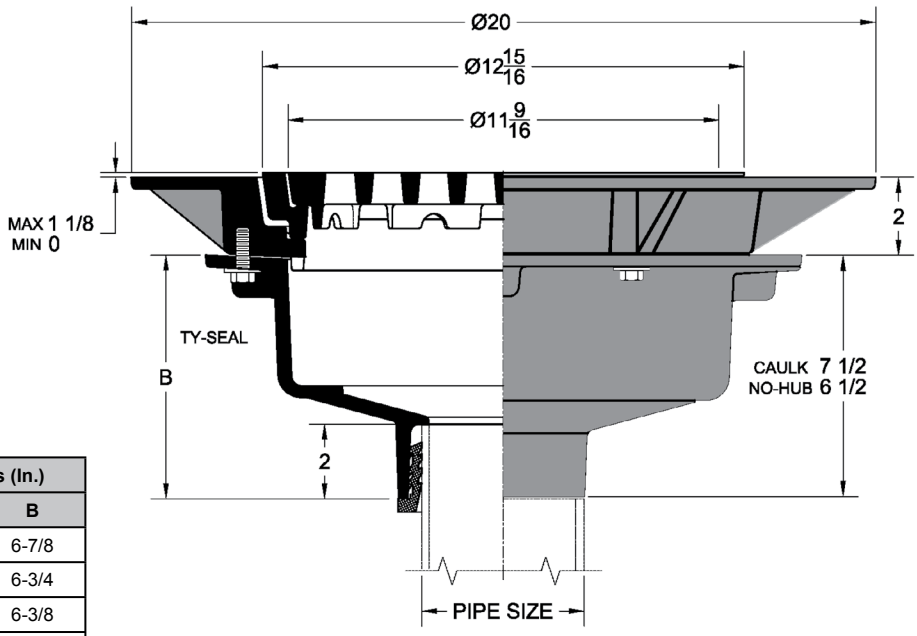
** Dimensions vary from illustration*

1210-E 12" Diameter, Special Duty & Area Drain w/ Elastomeric Flange



1210-E-12-3TY

ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



Dimensions (In.)	
Pipe Size	B
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	5,662.00	4,214.00
8",10"	5,805.00	4,356.00
Wt. Lbs.	65.0	63.0
Grate Free Area (Sq. In.)	25.6	43.4

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, elastomeric wide flange & special duty grate.

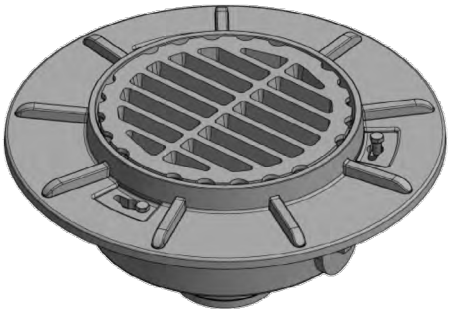
–1 or –2 Tops furnished heel proof (except TD).
Add 1/4" to Top Dimension.

Outlet Variations		
Type	Designation	Add
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options			
Suffix	Description		Add
ARC	Acid Resistant Coating		2,424.00
SO	90 Degree Outlet (3TY,4TY,6TY)		1,274.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		455.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		306.00
7	Dome Grate	-1	966.00
		-2	827.00
		-12	275.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		508.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,802.00

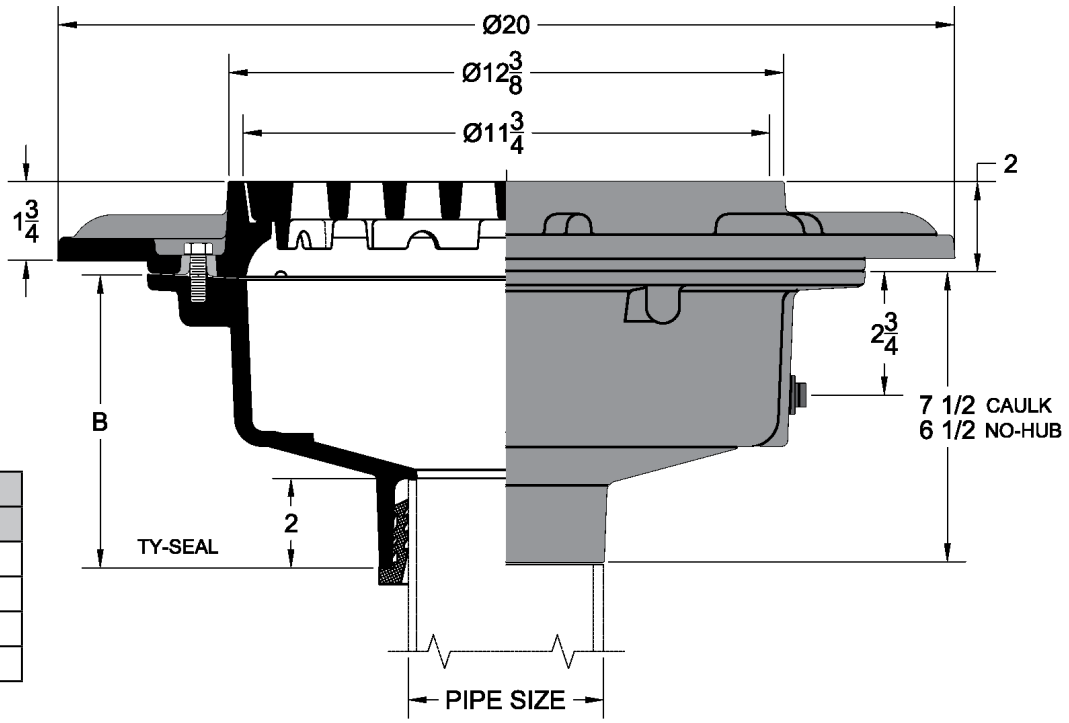
** Dimensions vary from illustration*

1217 12" Diameter, Special Duty Parking Area Drain (Replaces 1210-PG)



1217-12-3TY

ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



Dimensions (In.)	
Pipe Size	B
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	7,560.00	4,984.00
8",10"	8,163.00	5,586.00
Wt. Lbs.	91.2	89.2
Grate Free Area (Sq. In.)	25.6	43.4

Regularly Furnished: Cast iron parking area drain with heavy duty support flange, seepage openings, 1/2" primer tap with plug, & special duty grate.

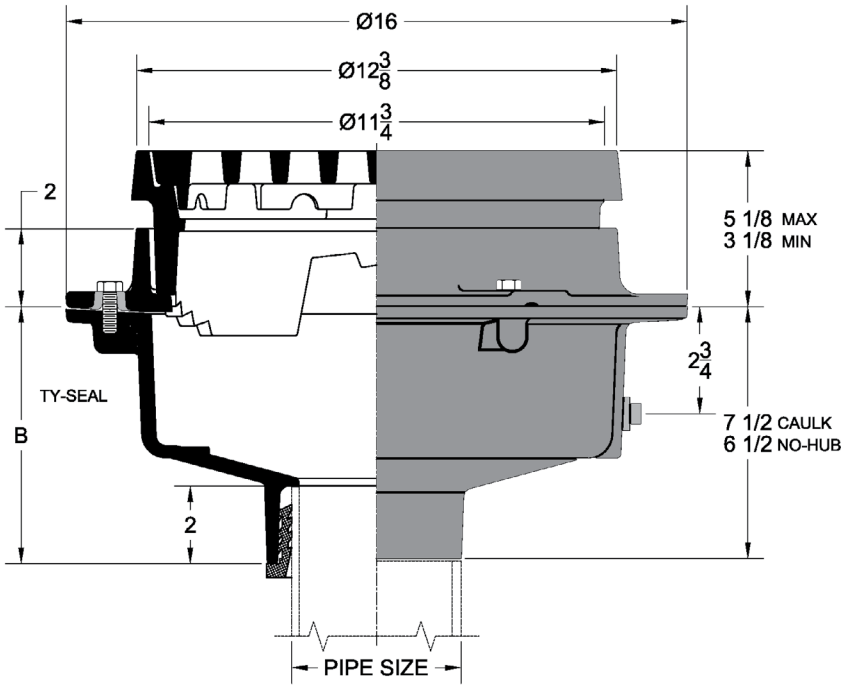
–1 or –2 Tops furnished heel proof (except TD).

Outlet Variations		
Type	Designation	Add
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options		
Suffix	Description	Add
TD	Grate Supported Bucket - Free Area 33.6 Sq. In.	272.00
VP	Vandal Proof Top Assembly	291.00
8	Secondary Strainer	124.00
11	Heel Proof D.I. Grate (Free Area-25.6)	N/C
27	Sediment Bucket (Aluminum)	508.00
31	Backwater Valve (3" or 4")	759.00
39	Galvanized Cast Iron	2,162.00
52	Under Deck Clamp	482.00

** Dimensions vary from illustration*

1240 12" Diameter, Special Duty, Adjustable Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1240-12-4TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	4,326.00	2,914.00
8"	4,926.00	3,518.00
Wt. Lbs	78.7	76.7
Grate Free Area (Sq. In.)	25.6	43.4

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & special duty grate.

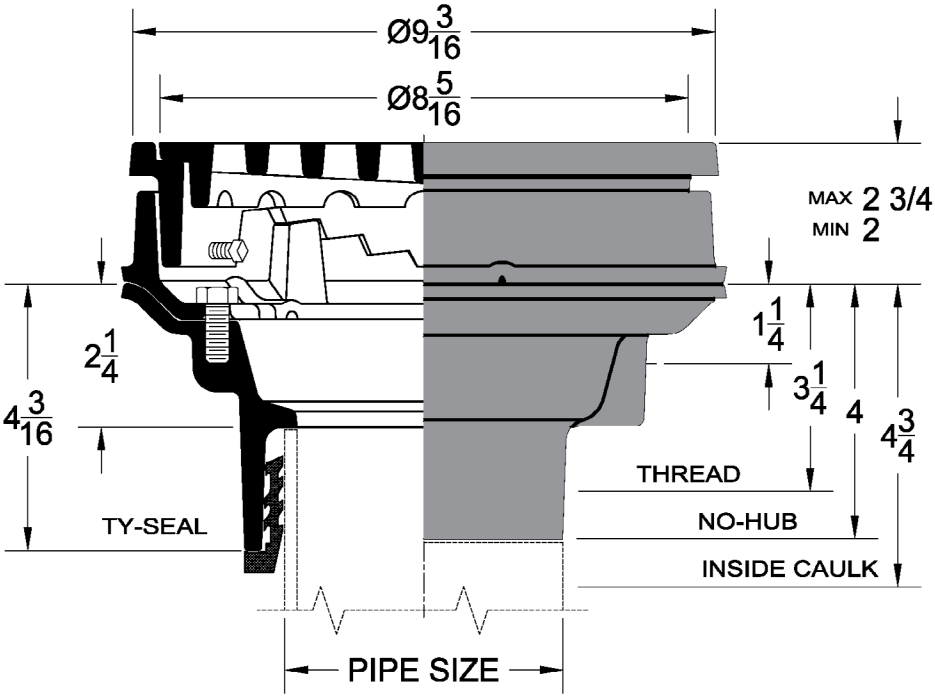
–1 or –2 Tops furnished heel proof (except TD).
Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY (CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
TD	Grate Supported Bucket - Free Area 33.6 Sq. In.		458.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
8	Secondary Strainer		124.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		1,154.00
23	2" Grate Riser		280.00
27	Sediment Bucket (Aluminum)		508.00
31	Backwater Valve (3" or 4")		759.00
39	Galvanized Cast Iron		1,442.00

** Dimensions vary from illustration*

1300 9" Diameter, Extra Heavy Duty, Adjustable Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



1300-12-3TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	1,908.00	867.00
6"	2,979.00	1,938.00
Wt. Lbs.	27.6	26.1
Grate Free Area (Sq. In.)	18.3	18.3

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & extra heavy duty grate.

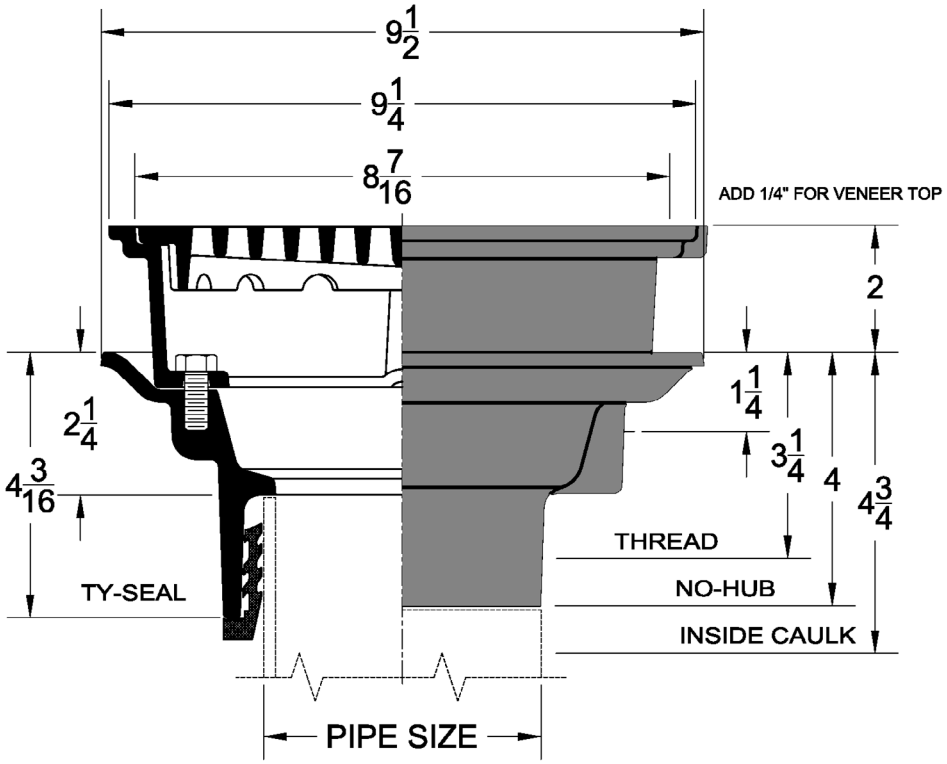
–1 or –2 Tops furnished heel proof. Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

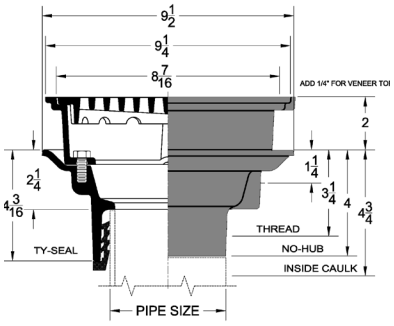
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,066.00
SO	90 Degree Outlet (2IPS, 3IPS, 4IPS)		470.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		280.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		844.00
81	Solid Gasketed Cover		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

1310 9" Diameter, Extra Heavy Duty, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



1310-12-3TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	2,070.00	1,012.00
6"	2,339.00	1,281.00
Wt. Lbs.	22.0	20.0
Grate Free Area (Sq. In.)	18.3	18.3

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & extra heavy duty heel proof grate.

–1 or –2 Tops Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		990.00
SO	90 Degree Outlet (2IPS,3IPS,4IPS)		470.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		280.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		778.00
81	Solid Gasketed Cover		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

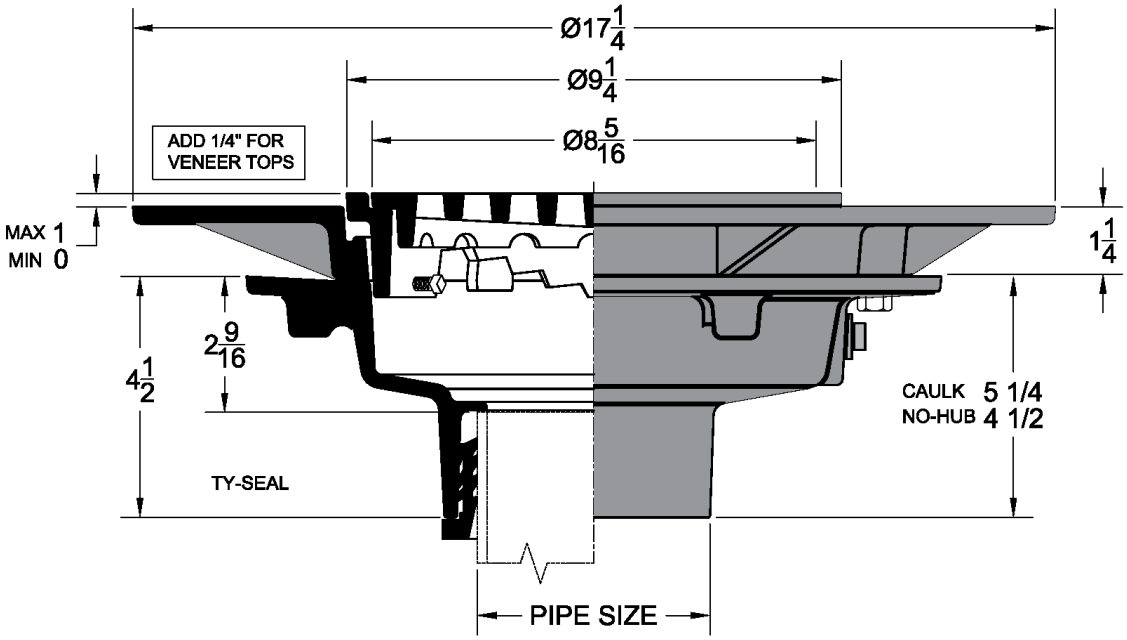
FLOOR & AREA DRAINS

1310-E 9" Diameter w/ Elastomeric Flange



1310-E-11-3TY

ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	3,970.00	2,922.00
Wt. Lbs.	27.0	25.0
Grate Free Area (Sq. In.)	18.3	18.3

Regularly Furnished: Cast iron wide flange deck drain with adjustable top, latex troweling flange, 1/2" primer tap with plug, & extra heavy duty grate.

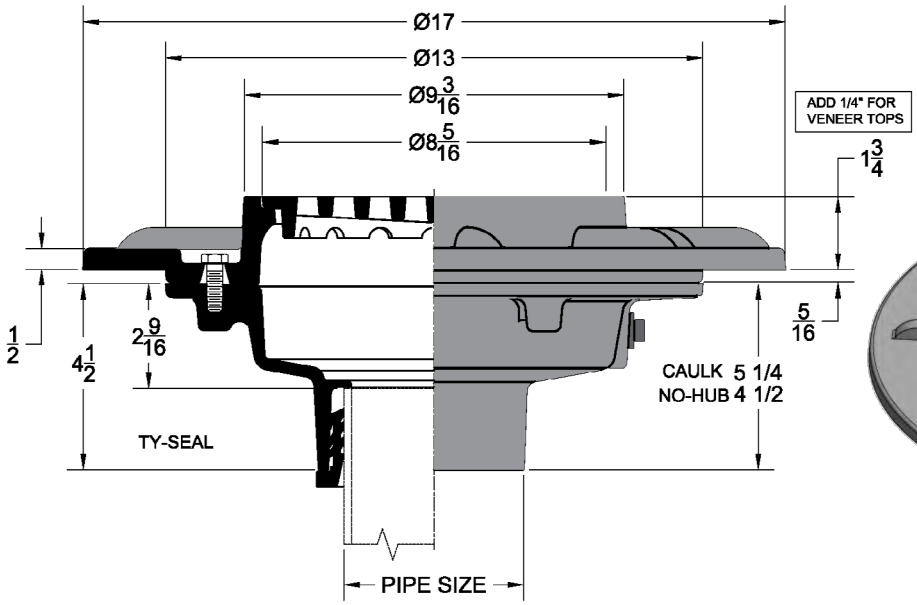
–1 or –2 Tops Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

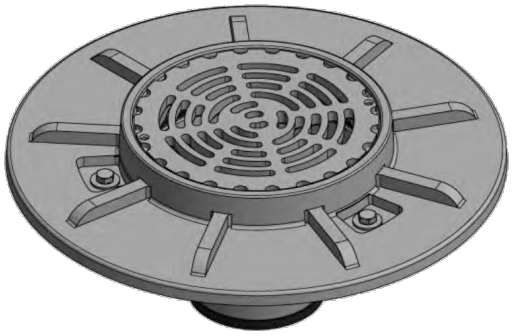
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,512.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		280.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,343.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

1317 9" Diameter, Extra Heavy Duty, Parking Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1317-12-3TY

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	3,674.00	2,543.00
Wt. Lbs.	67.0	65.0
Grate Free Area (Sq. In.)	18.3	18.3

Regularly Furnished: Cast iron parking area drain with heavy duty support flange, seepage openings, 1/2" primer tap with plug, & extra heavy duty grate.

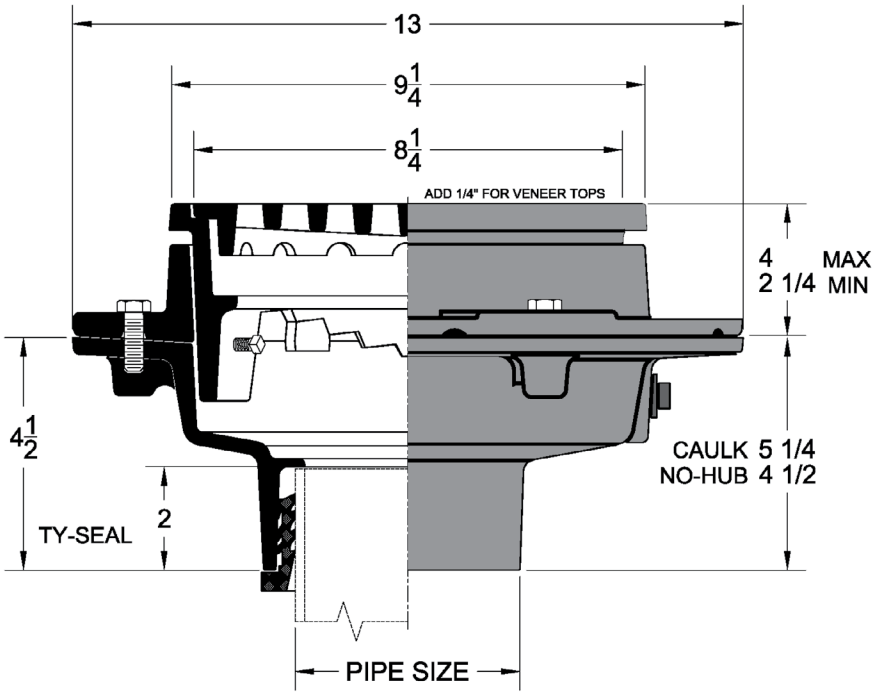
–1 or –2 Tops Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

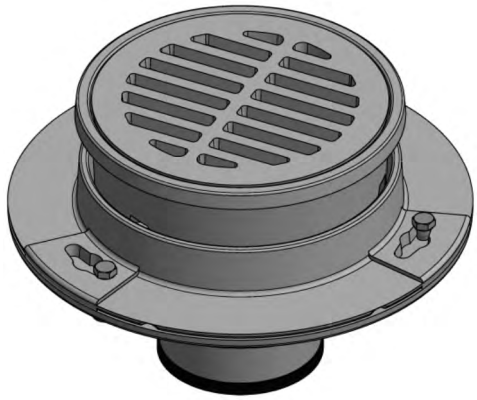
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,512.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		386.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,112.00
81	Solid Gasket Cover		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

1340 9" Diameter, Extra Heavy Duty, Adjustable Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



1340-12-3TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	2,630.00	1,637.00
Wt. Lbs.	67.0	65.0
Grate Free Area (Sq. In.)	18.3	18.3

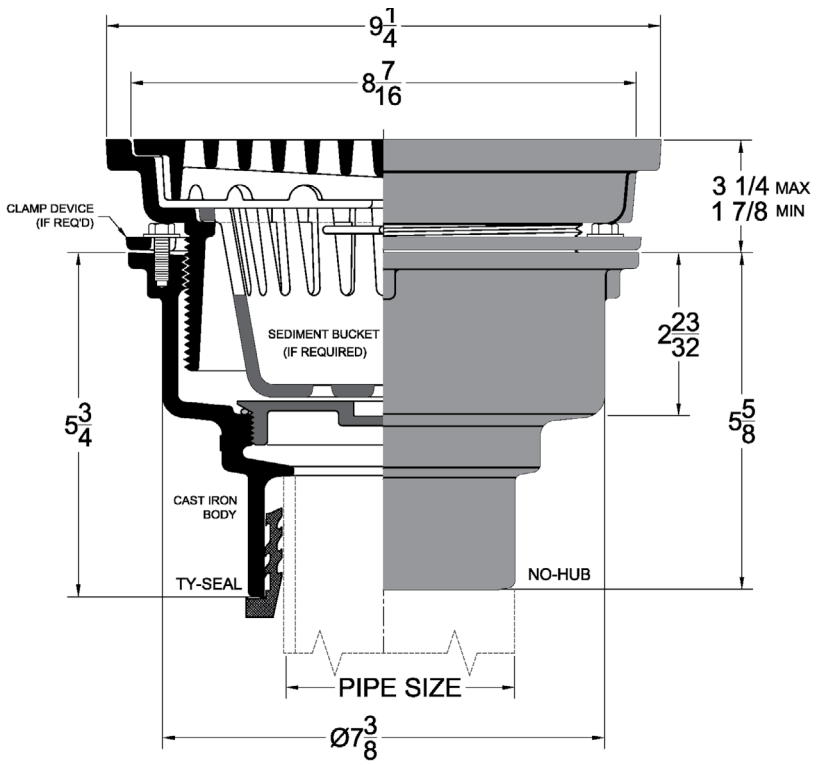
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, adjustable collar, seepage openings, 1/2" primer tap with plug, & extra heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

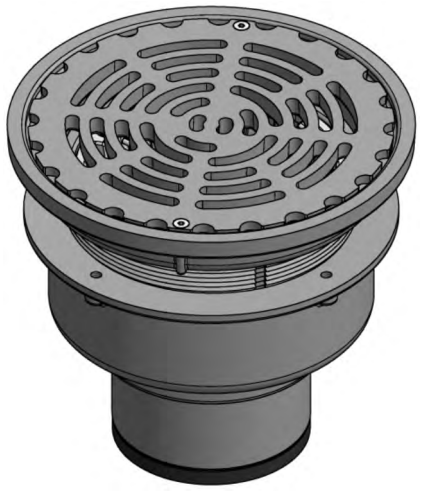
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		936.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
11	Heel Proof D.I. Grate (Free Area-25.6)		N/C
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		280.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		856.00
81	Solid, Gasketed Cover		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

1380 9" Diameter, Extra Heavy Duty, Adjustable Drain



ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



1380-12-3TY

Note: Collars and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Wt. Lbs.
2",3",4"	2,442.00	1,558.00	38.7
6"	3,135.00	2,252.00	38.7
Grate Free Area (Sq. In.)	18.3	18.3	

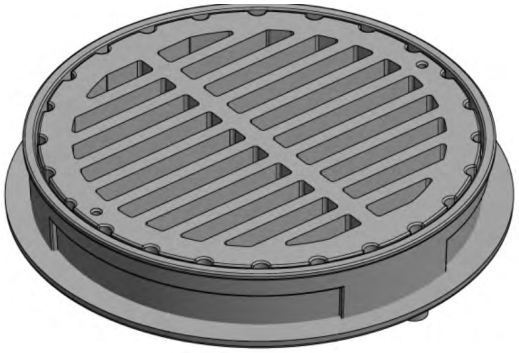
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings & extra heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH,6"	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,034.00
TD	Grate Supported Bucket --Free Area 33.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
6	1/2" Trap Primer Connection		386.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
18	Solid Cover		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv	458.00
27	Sediment Bucket (Aluminum)		248.00
31	Backwater Valve (3",4")		759.00
33	Closure Ring		1,217.00
39	Galvanized Cast Iron		844.00
81	Solid, Gasketed Cover		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

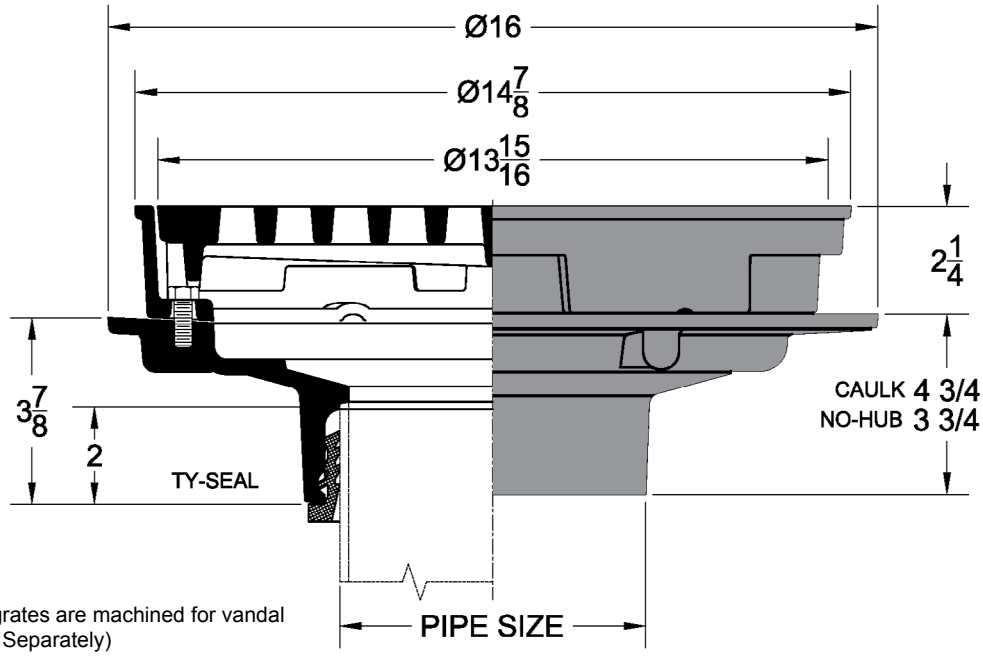
** Dimensions vary from illustration*

1400 15" Diameter, Special Duty, Parking Area Drain (Replaces 1400-PG)



1400-12-6TY

ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



Note: Collars and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	7,535.00	4,943.00
8",10"	8,136.00	5,544.00
Wt. Lbs.	62.5	60.2
Grate Free Area (Sq.In.)	42.7	63.6

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & special duty grate.

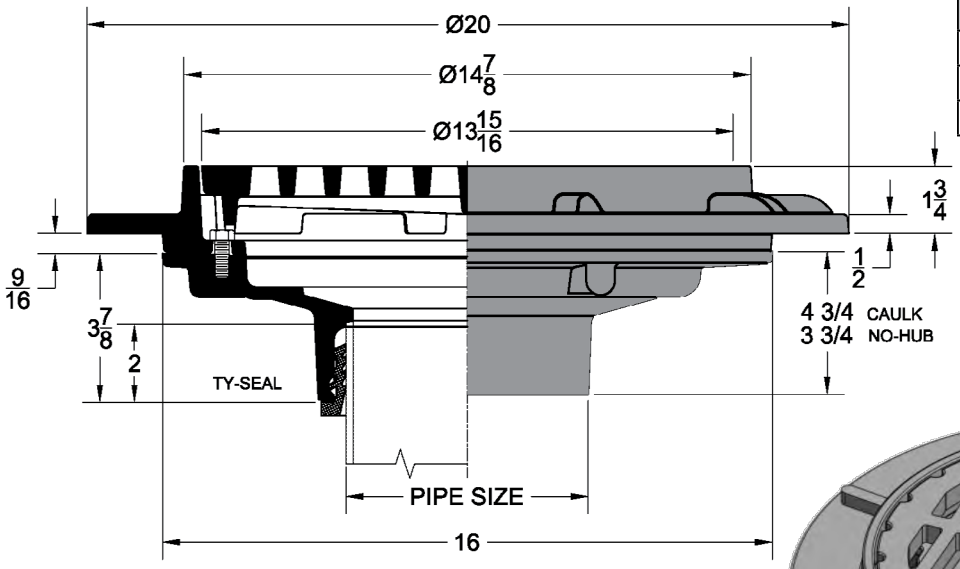
–1 or –2 Tops furnished heel proof. Add 1/4" to Top Dimension.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH,3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,827.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
8	Secondary Strainer		124.00
11	Heel Proof Grate (Free Area 54.4 Sq. In.)		N/C
23	3" Grate Riser	Painted	867.00
		39 Galv	1,126.00
27	Sediment Bucket		620.00
31	Backwater Valve		759.00
39	Galvanized Cast Iron		2,076.00

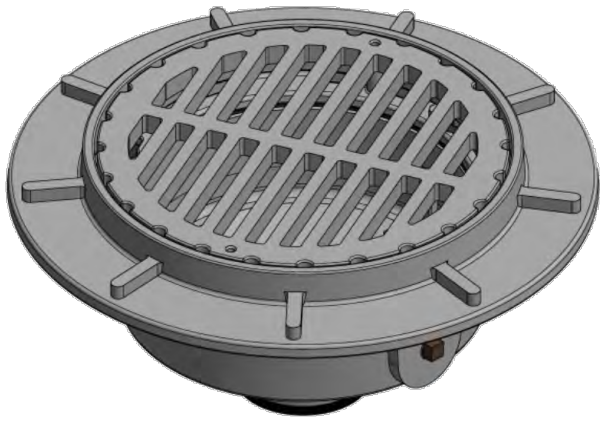
** Dimensions vary from illustration*

1407 15" Diameter, Special Duty, Shallow Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty

1417-12-4TY



Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	8,015.00	6,549.00
8"	8,616.00	7,151.00
Wt. Lbs.	62.5	60.2
Grate Free Area (Sq.In.)	42.7	63.6

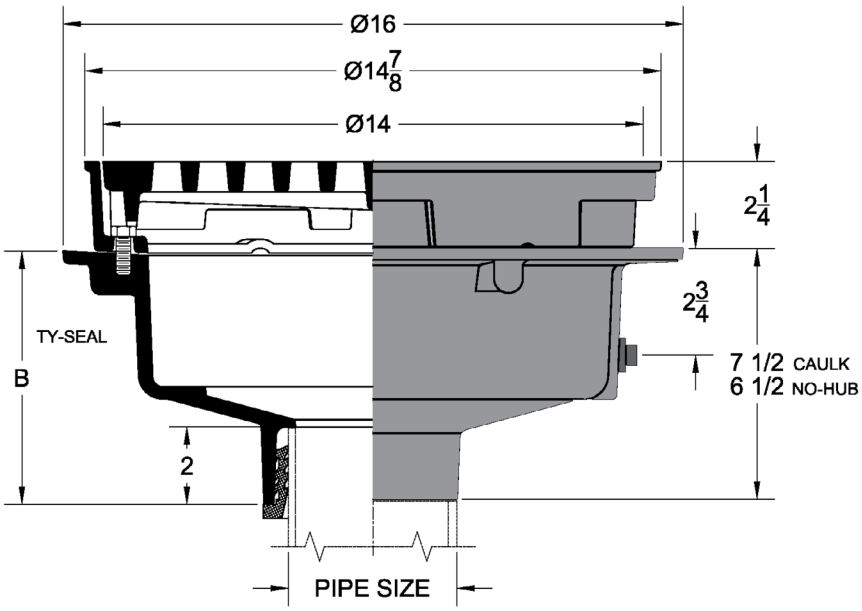
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & special duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH,3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,954.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
8	Secondary Strainer		124.00
11	Heel Proof Grate (Free Area 54.4 Sq. In.)		N/C
23	3" Grate Riser	Painted	867.00
		39 Galv	1,126.00
27	Sediment Bucket		620.00
31	Backwater Valve		759.00
39	Galv. Cast Iron		2,162.00
53	Under Deck Clamp		482.00

** Dimensions vary from illustration*

1410 15" Diameter, Special Duty, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1410-12-4TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	8,426.00	5,685.00
8"	9,029.00	6,287.00
Wt. Lbs.	62.5	60.2
Grate Free Area (Sq.In.)	42.7	63.6

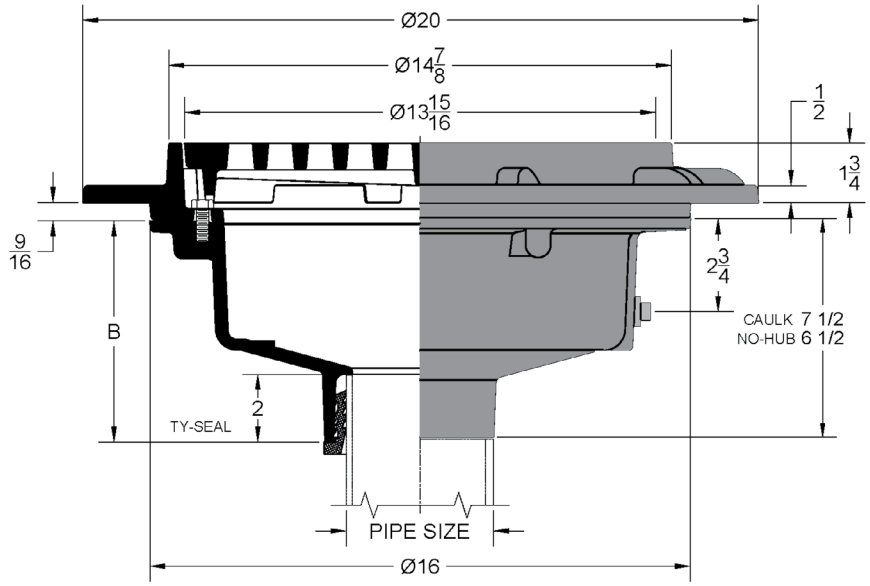
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & special duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH,3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

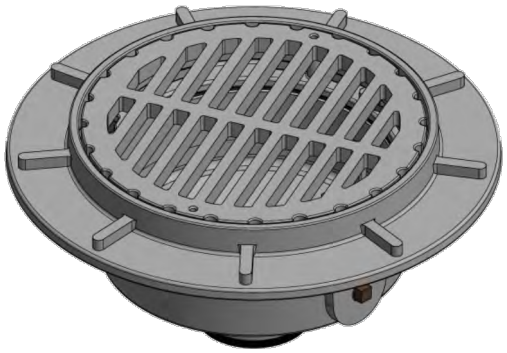
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,827.00
SO	90 Degree Side Outlet (3TY,4TY,6TY)		1,274.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
TD	Grate Set Sediment Bucket (Ductile Iron)		1,010.00
VP	Vandal Proof Top Assembly		291.00
8	Secondary Strainer		124.00
11	Heel Proof Grate (Free Area 54.4 Sq. In.)		N/C
23	3" Grate Riser	Painted	867.00
		39 Galv	1,126.00
27	Sediment Bucket		620.00
31	Backwater Valve		759.00
39	Galv. Cast Iron		2,619.00

** Dimensions vary from illustration*

1417 15" Diameter, Special Duty Parking Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1417-12-4TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	8,276.00	6,810.00
8"	8,878.00	7,413.00
Wt. Lbs.	62.5	60.2
Grate Free Area (Sq.In.)	42.7	63.6

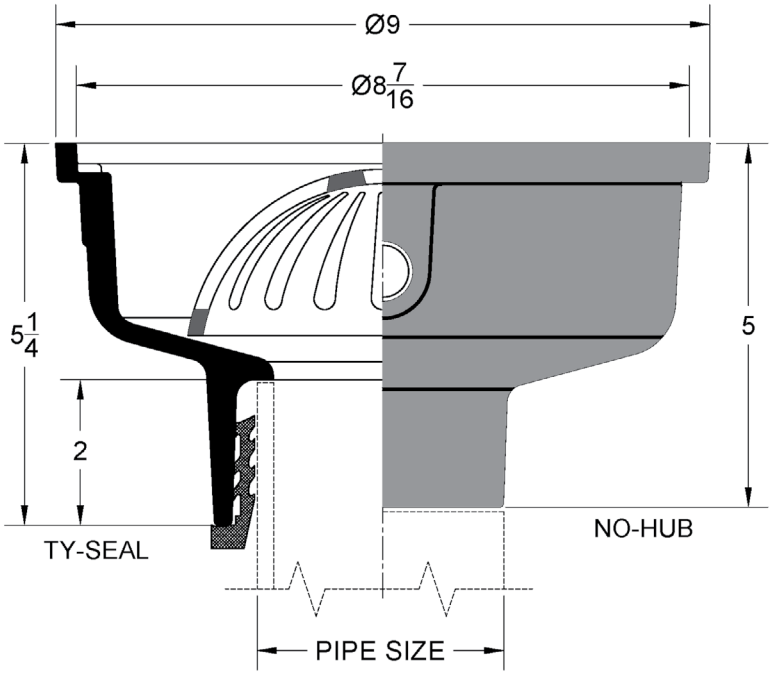
Regularly Furnished: Cast iron parking area drain with heavy duty support flange, seepage openings, 1/2" primer tap with plug, & special duty grate.

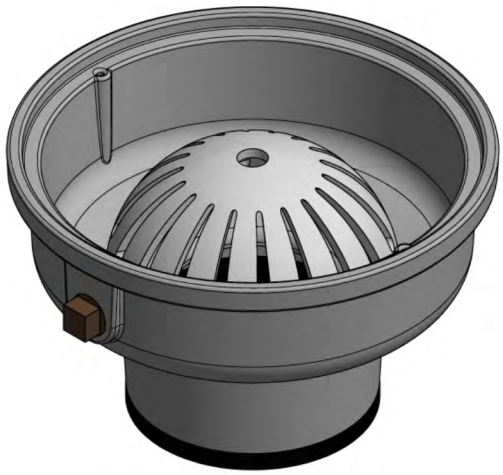
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH,3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Suffix Options			
Suffix	**Description**		**Add**
SO	90 Degree Side Outlet (3TY,4TY,6TY)		1,274.00
TD	Grate Set Sediment Bucket (Ductile Iron)		1,062.00
VP	Vandal Proof Top Assembly		291.00
8	Secondary Strainer		124.00
11	Heel Proof Grate (Free Area 54.4 Sq. In.)		N/C
23	3" Grater Riser	Painted	867.00
		39 Galv	1,126.00
27	Sediment Bucket		620.00
31	Backwater Valve		759.00
39	Galv. Cast Iron		2,162.00
53	Under Deck Clamp		458.00

** Dimensions vary from illustration*

1630 9" Diameter, Medium Sump Indirect Waste Drain





1630-4TY

Outlet Size	Painted	-ARC Acid Resistant Coating	-39 Galvanized	Wt. Lbs.
2",3",4""	$1,176.00	1,715.00	1,601.00	17.6

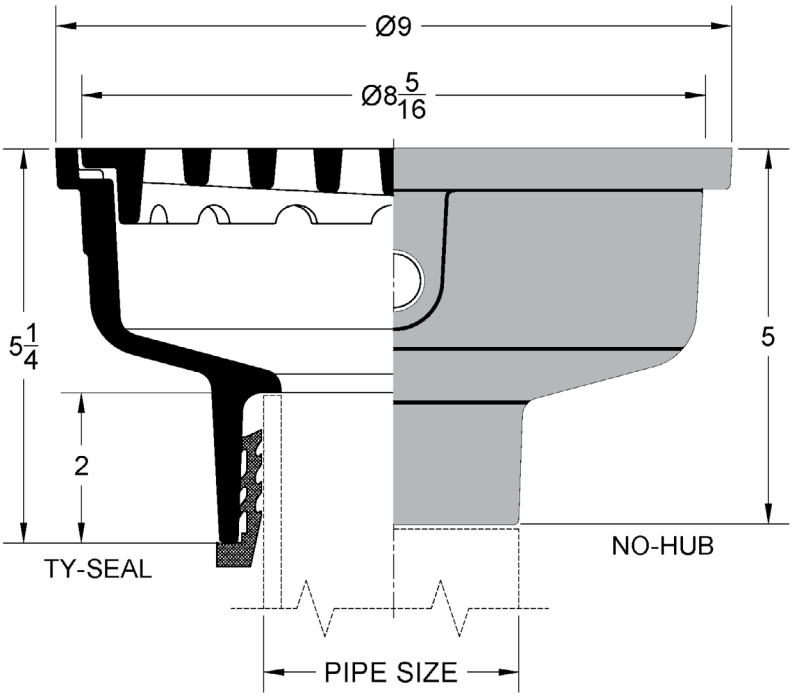
Regularly Furnished: Cast iron indirect waste drain with 1/2" primer tap with plug & plastic dome bottom strainer.

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

Suffix Options			
Suffix	**Description**		**Add**
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
23	3" Grate Riser	Painted	197.00
		39 Galv.	458.00
31	Backwater Valve (3" or 4")		759.00

** Dimensions vary from illustration*

1640 9" Diameter, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-2) Satin Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty



1640-12-4TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	1,806.00	1,608.00	890.00
Wt. Lbs.	40.7	40.7	38.7
Grate Free Area (Sq. In.)	18.3	18.3	18.3

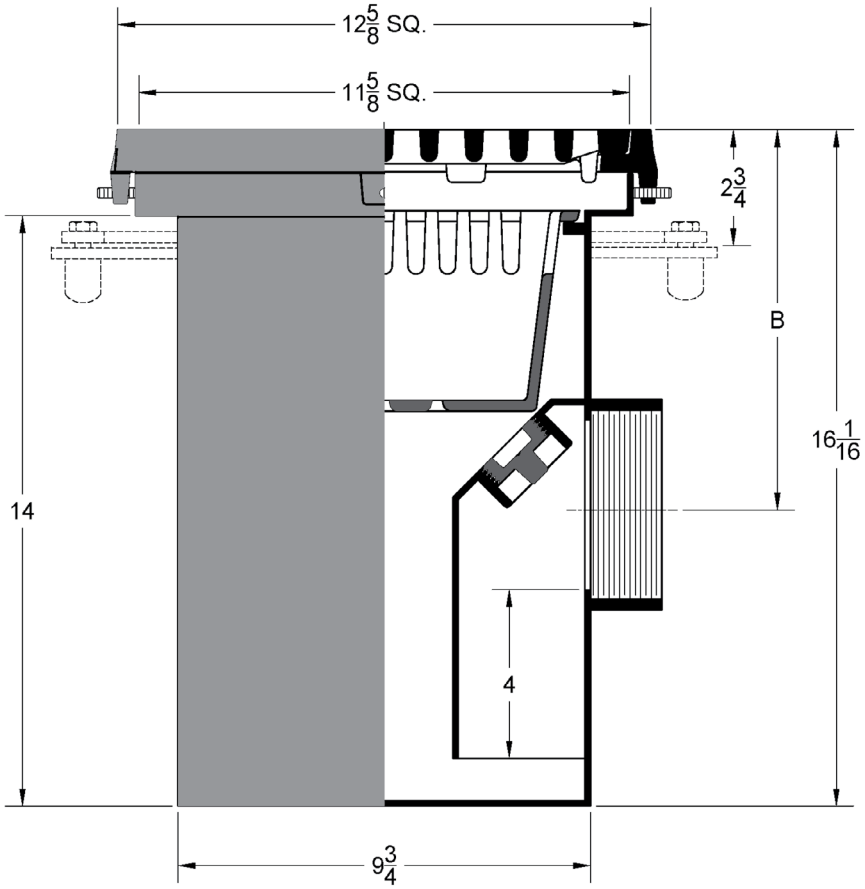
Regularly Furnished: Cast iron floor & area drain with 1/2" primer tap with plug & extra heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		693.00
TD	Grate Supported Bucket - Free Area 11.6 Sq. In.		182.00
TSD	Trap Seal Device (See Model 4405)	2"	256.00
		3"	269.00
		4"	306.00
VP	Vandal Proof Top Assembly		291.00
7	Dome Grate	-1	480.00
		-2	284.00
		-12	168.00
8	Secondary Strainer		92.00
11	Heel Proof D.I. Grate		N/C
18	Solid Cover w/ Center Pull Ring		956.00
23	1-1/2" Grate Riser	Painted	197.00
		39 Galv.	458.00
27	Sediment Bucket (Aluminum)		431.00
31	Backwater Valve (3" or 4")		759.00
39	Galvanized Cast Iron		485.00
81	Solid Gasketed Cover w/ Center Pull Ring		1,150.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

1740 Industrial Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1740-12-4IPS-14

Dimensions (In.)	
Pipe Size	**B**
2"	8
3"	8-1/2
4"	9
5"	9-1/2
6"	10

Outlet Size	-1 Satin Finish Nickel Bronze Top	-12 Cast Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
2"	7,658.00	5,373.00	52.6	89.0
3"	7,658.00	5,373.00	52.6	89.0
4"	7,658.00	5,373.00	52.6	89.0

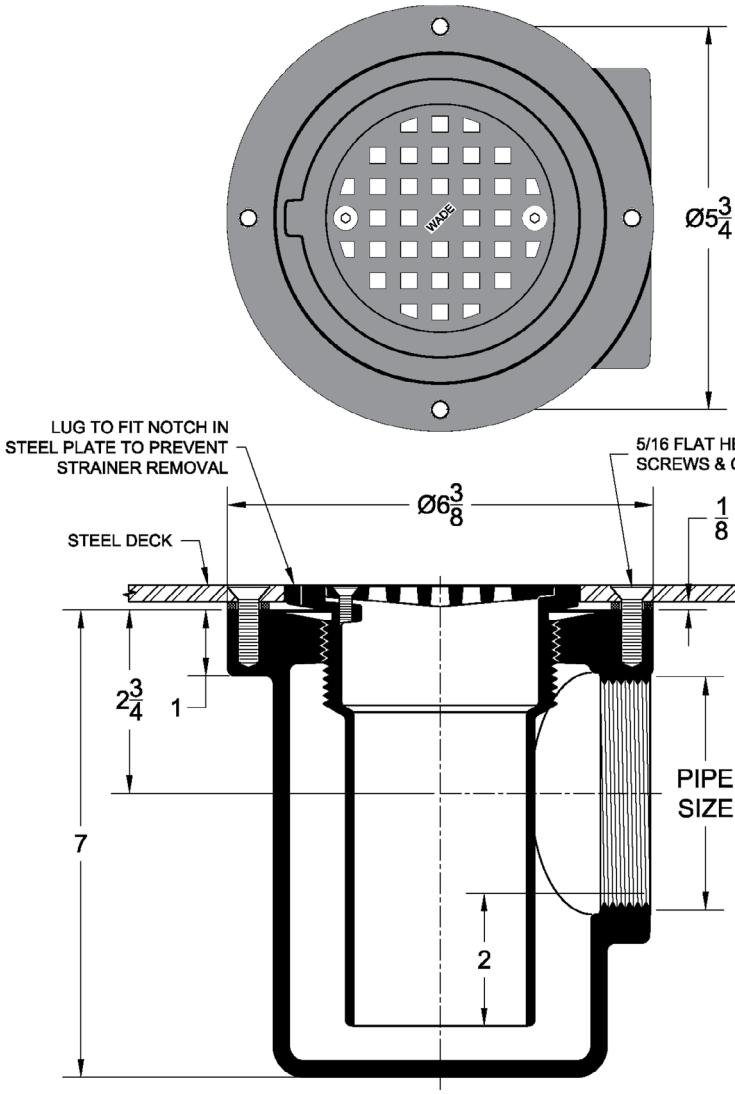
Regularly Furnished: Fabricated steel Industrial floor & area drain with internal trap, bronze cleanout plug, special duty grate, & suspended sediment bucket.

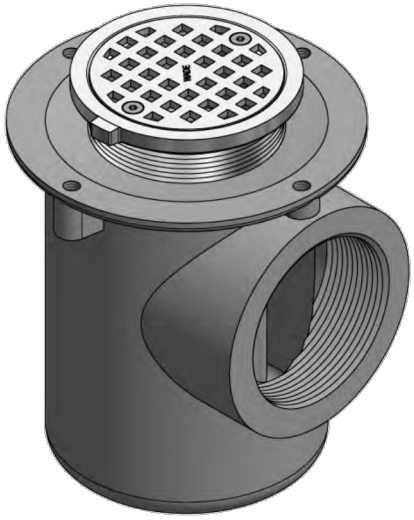
Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	$3,130.00
VP	Vandal Proof Top	291.00
14	Hinged Grate	473.00
19	Hinged Locking Grate	633.00
24	Anchor Flange	N/C
26	Anchor Flange w/ Clamp Device	N/C
39	Galvanized Cast Iron	2,889.00

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS,5IPS,6IPS	N/C

1840 Prison Cell Floor Drain (Replaces 1840-PD)

ASME Load Rating	
(-1) Nickel Bronze	LIght Duty
(-2) Satin Bronze	Light Duty





1840-1-3IPS

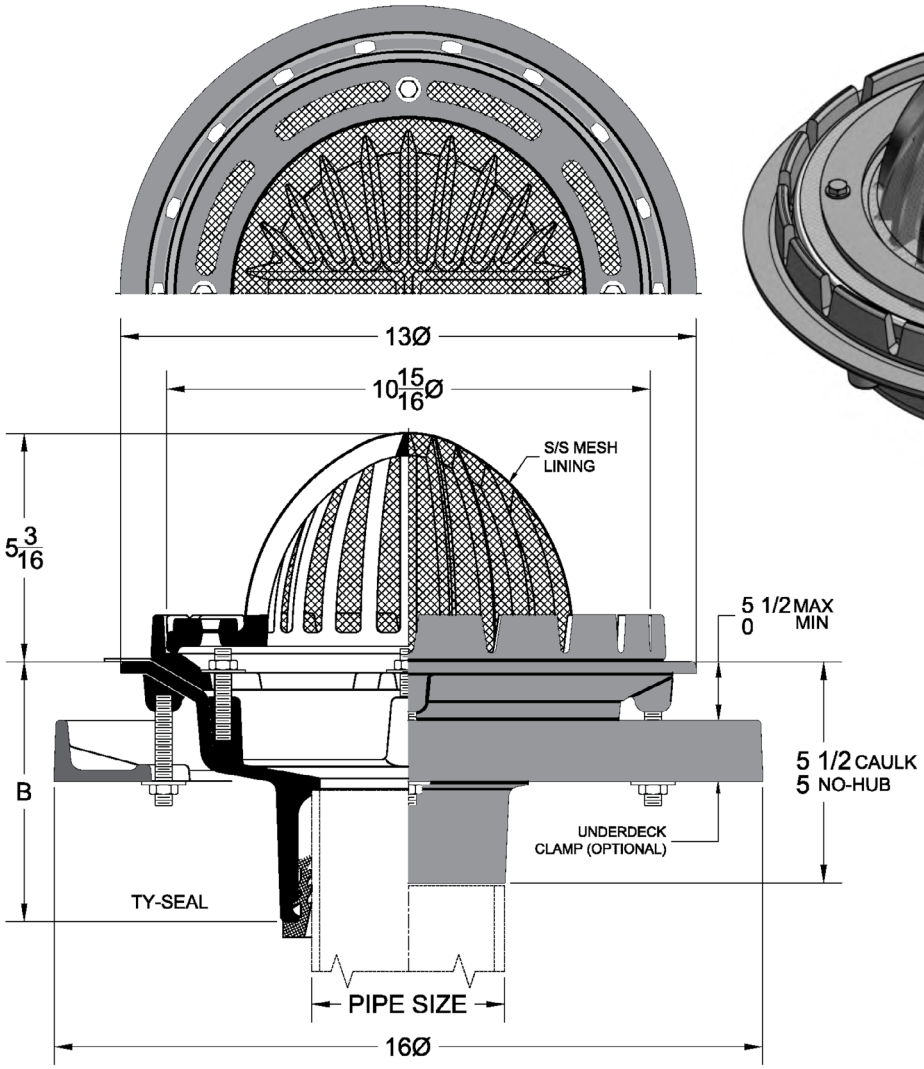
Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	Grate Free Area (Sq. In.)	Wt. Lbs.
2"	$2,110.00	3.5	12.0
3"	2,339.00	3.5	12.0

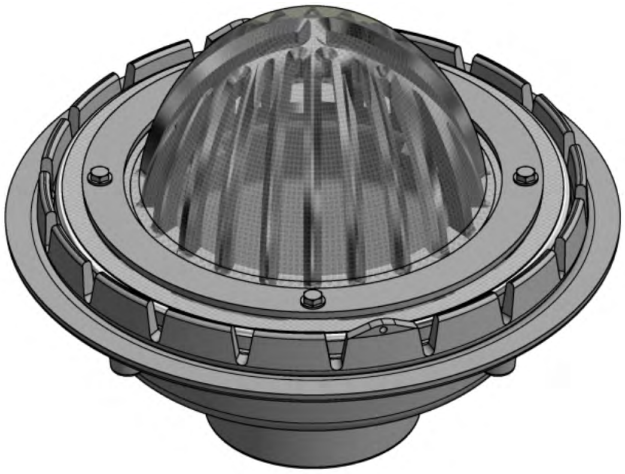
Regularly Furnished: Cast iron prison cell floor drain with integral trap, flange, vandal proof light duty grate & side outlet.

Suffix Options		
Suffix	**Description**	**Add**
39	Galvanized Cast Iron	366.00
102	Chrome Plated Top Assembly	586.00

Outlet Variations		
Type	**Designation**	**Add**
Threaded	2IPS,3IPS	N/C

1862 Planting Area Drain (Replaces 3220-PA)





1862-42-4NH

Dimensions (In.)		
Pipe Size	Ty-Seal Outlet	
	B	C
2"	5-1/2	2-1/2
3"	5-3/4	2-3/4
4"	5-3/4	3

Regularly Furnished: Cast iron planting area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, adjustable, perforated standpipe, & secured dome.

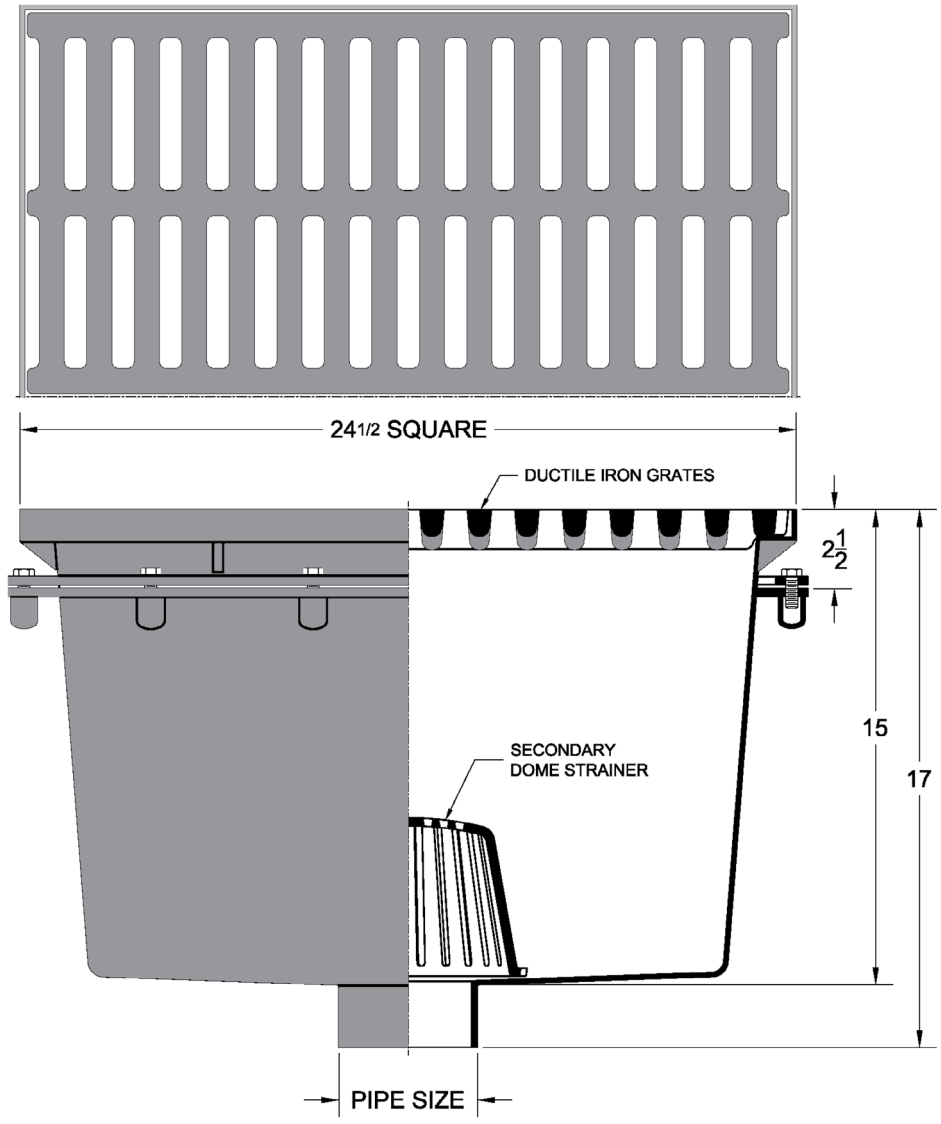
Outlet Size	-42 Cast Iron Body with Cast Iron Dome	Dome Free Area (Sq.In.)	Wt. Lbs.
2",3",4"	2,157.00	37.6	10.3

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

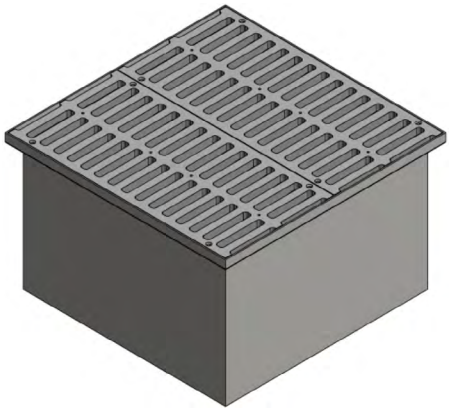
Suffix Options		
Suffix	**Description**	**Add**
39	Galvanized Cast Iron	779.00
52	Sump Receiver *	508.00
53	Under Deck Clamp	299.00
189	Sump Receiver w/ Securing Package	675.00

** Dimensions vary from illustration*

1890 Heavy Duty Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1890-12-4NH

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Cast Iron Dome & Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
3",4",6"	$32,907.00	26,435.00	18.3	74.0

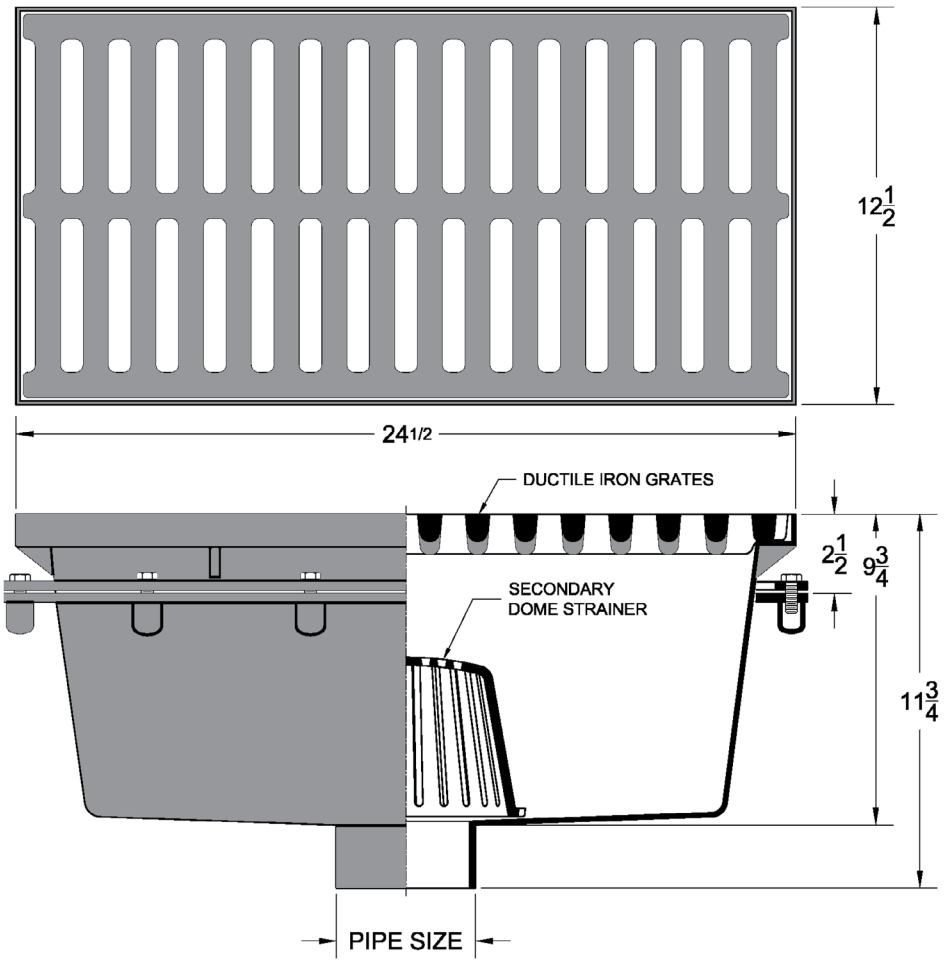
Regularly Furnished: Deep sump, fabricated steel body with internal cast iron dome, special duty loose set slotted grates and bottom outlet.

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	3NH,4NH,6NH	N/C

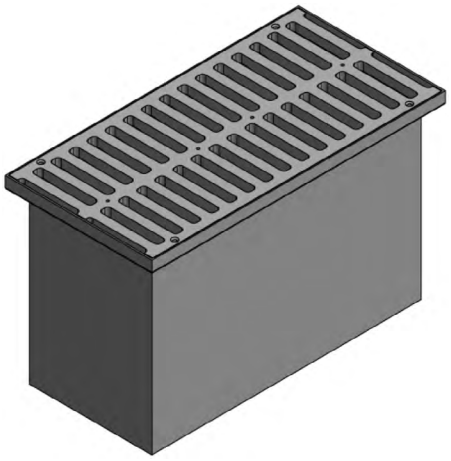
Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	2,584.00
SO	90 Degree Side Outlet *	1,196.00
VP	Vandal Proof Top	476.00
24	Anchor Flange *	1,588.00
26	Anchor Flange w/Clamping Collar	2,175.00
27	Sediment Bucket in Leiu of Dome Strainer	2,303.00
31	Backwater Valve (2",3",4")	759.00
39	Galvanized Cast Iron	6,803.00

** Dimensions vary from illustration*

1891 Heavy Duty Area Drain (Replaces 1890-B)



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-12) Ductile Iron	Special Duty



1891-12-4NH

Regularly Furnished: Deep sump, fabricated steel body with internal cast iron dome, & special duty, loose set, slotted grate.

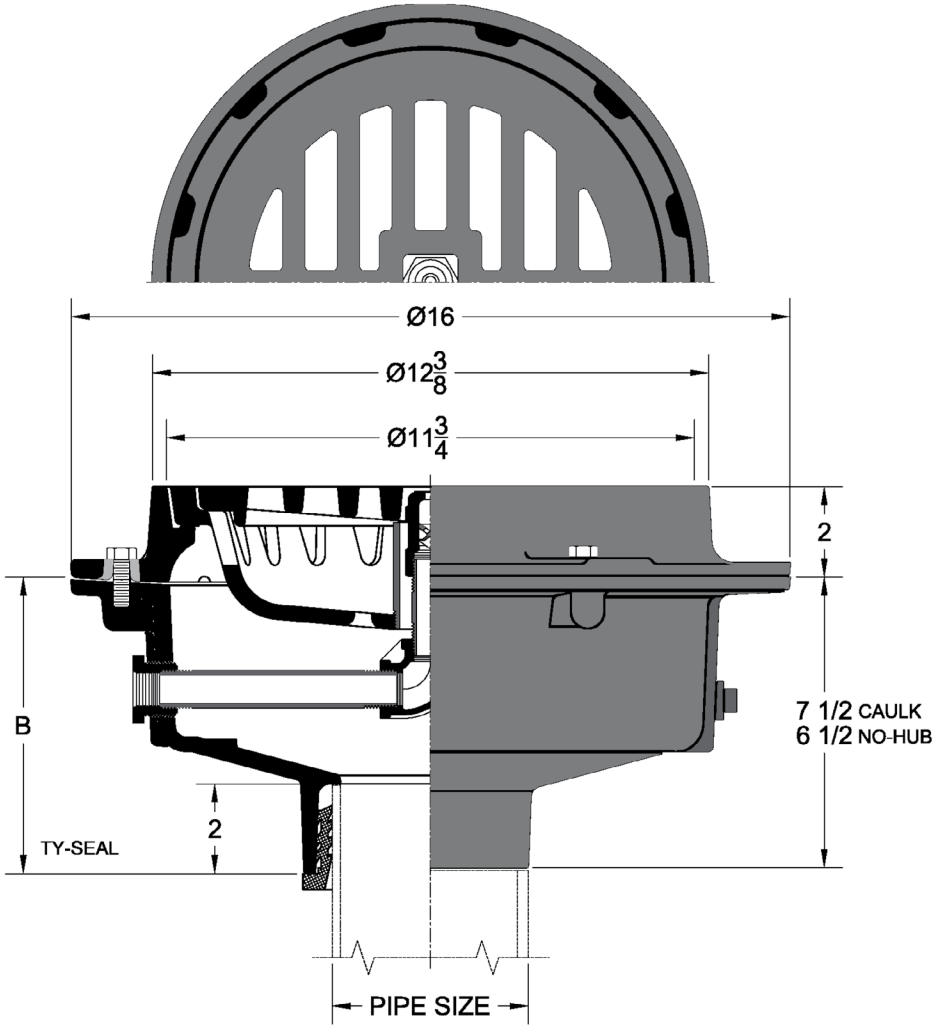
Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Cast Iron Dome & Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
3",4",6"	15,371.00	13,143.00	110.0	96.0

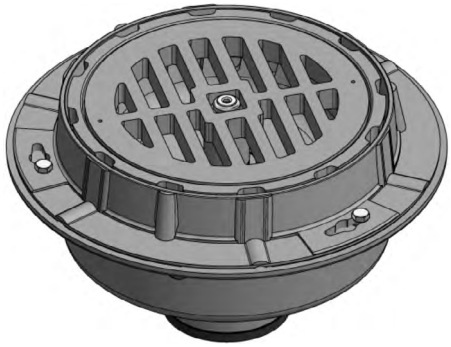
Outlet Variations		
Type	**Designation**	**Add**
No-Hub	3NH,4NH,6NH	N/C

Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	7,502.00
SO	90 Degree Side Outlet *	1,196.00
VP	Vandal Proof Top	476.00
24	Anchor Flange *	1,010.00
26	Anchor Flange w/Clamping Collar *	1,926.00
27	Sediment Bucket in Leiu of Dome Strainer	1,018.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	6,513.00

1980 Can Wash Drain

ASME Load Rating	
(-1) Nickel Bronze	Extra Heavy Duty
(-12) Ductile Iron	Extra Heavy Duty





1980-12-3TY

Dimensions (In.)	
Pipe Size	B
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
2",3",4",6"	8,450.00	7,469.00	32.2	73.2

Regularly Furnished: Cast iron can wash drain with flange, seepage openings, internal spray nozzle & water connection, grate supported bucket, & extra heavy duty grate.

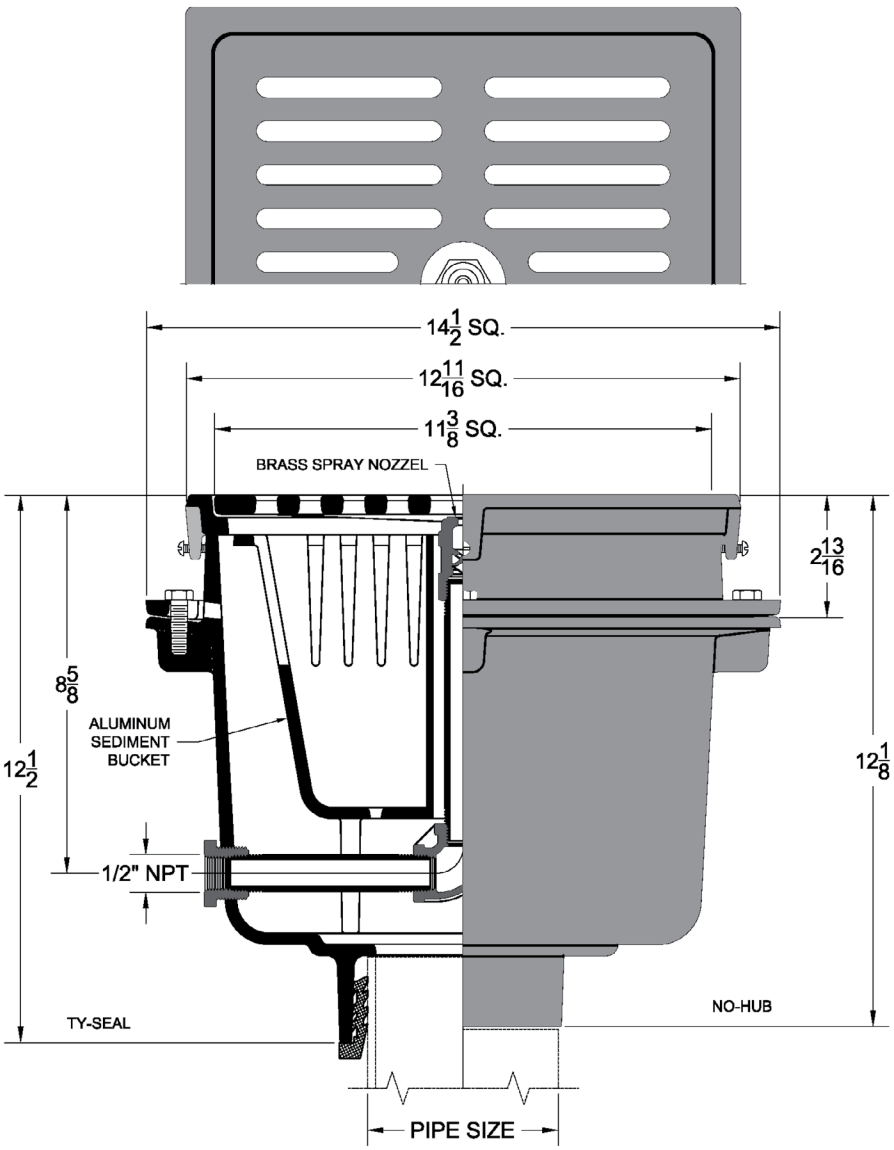
Outlet Variations		
Type	Designation	Add
No-Hub	3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

Suffix Options		
Suffix	Description	Add
ARC	Acid Resistant Coating	1,674.00
WCB	Water Control Box *	10,557.00
VP	Vandal Proof Top	291.00
39	Galvanized Cast Iron	1,270.00

** Dimensions vary from illustration*

FLOOR & AREA DRAINS

1990 Can Wash Drain / Floor Sink



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-64) A.R.C. Iron	Medium Duty



1990-12-3TY

Regularly Furnished: Cast iron can wash drain with flange, seepage openings, ARC (acid resistant) interior, internal spray nozzle water connection, medium duty slotted grate & aluminum sediment bucket.

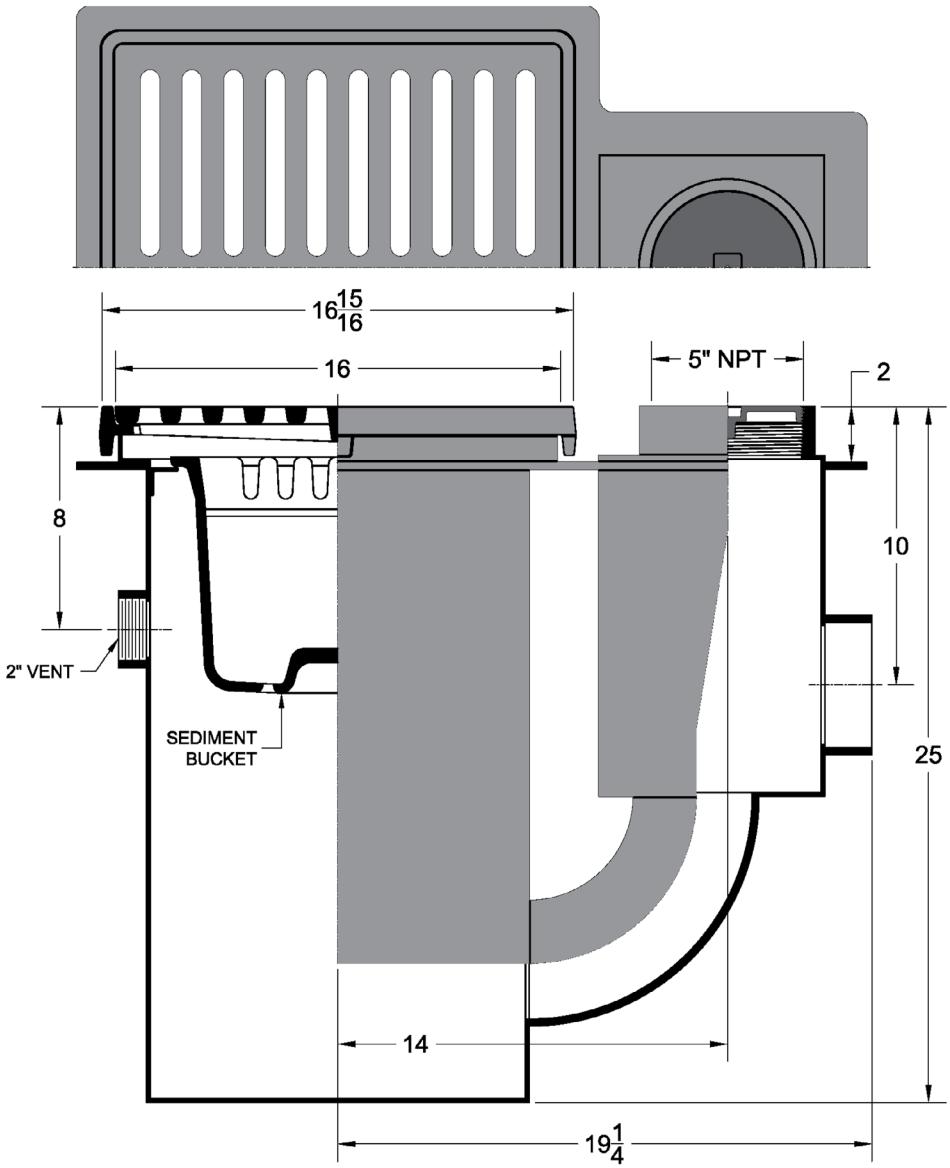
Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	8,366.00	6,886.00
Grate Free Area (Sq.In.)	55.4	41.7
Wt. Lbs.	91.0	91.0

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

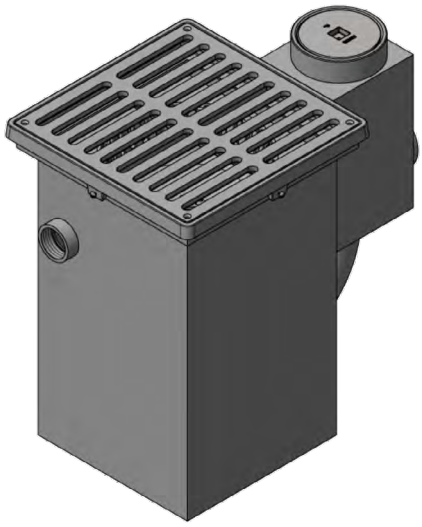
Suffix Options		
Suffix	**Description**	**Add**
WCB	Water Control Box *	10,557.00
VP	Vandal Proof Top	291.00
26	Clamping Collar	389.00
125	Stainless Steel Screen Over Bucket Ports	794.00

** Dimensions vary from illustration*

2050 Industrial Floor & Area Drain with Integral Trap & Cleanout



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-12) Ductile Iron	Heavy Duty



2050-12-3NH

NOTE: Frames and grates are machined for vandal proof screws (Sold Separately)

Regularly Furnished: Fabricated steel industrial floor drain with deep sump, integral trap & floor level cleanout, suspended aluminum sediment bucket, 2" vent connection, & heavy duty grate.

Outlet Size	-1 Fabricated Steel Body with Satin Finish Nickel Bronze Top	-12 Fabricated Steel Body with Ductile Iron Top
3",4",6"	30,191.00	
Grate Free Area (Sq.In.)	55.8	89.1
Wt. Lbs.	110.0	121.0

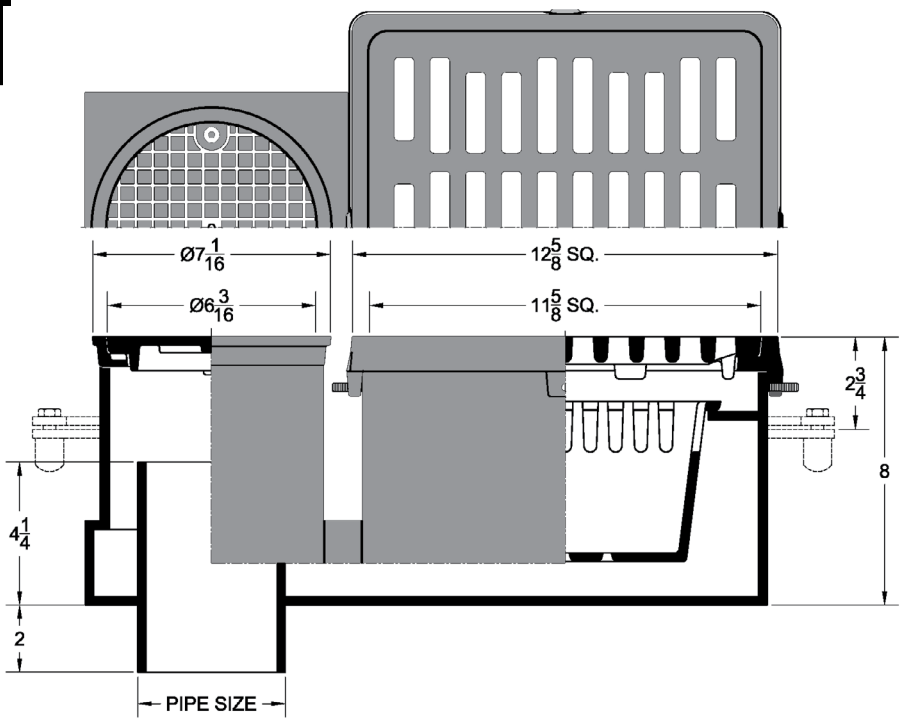
Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	10,450.00
GSC	Integral Gas Seal Cone *	2,312.00
VP	Vandal Proof Top	1,053.00
26	Anchor Flange w/Clamping Collar *	2,294.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	7,816.00
68	Perforated Sediment Bucket	1,868.00

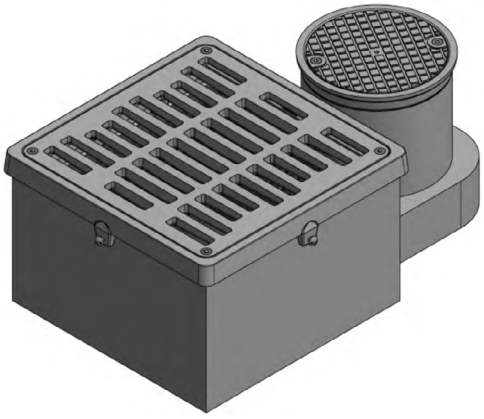
Outlet Variations		
Type	**Designation**	**Add**
No-Hub	3NH,4NH,6NH	N/C

** Dimensions vary from illustration*

2070 Industrial Floor & Area Drain with Integral Trap & Cleanout

ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-12) Ductile Iron	Heavy Duty





2070-12-3NH

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Fabricated Steel Body with Satin Finish Nickel Bronze Top	-12 Fabricated Steel Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
2", 3",4"	8,826.00	6,182.00	52.6	110.0

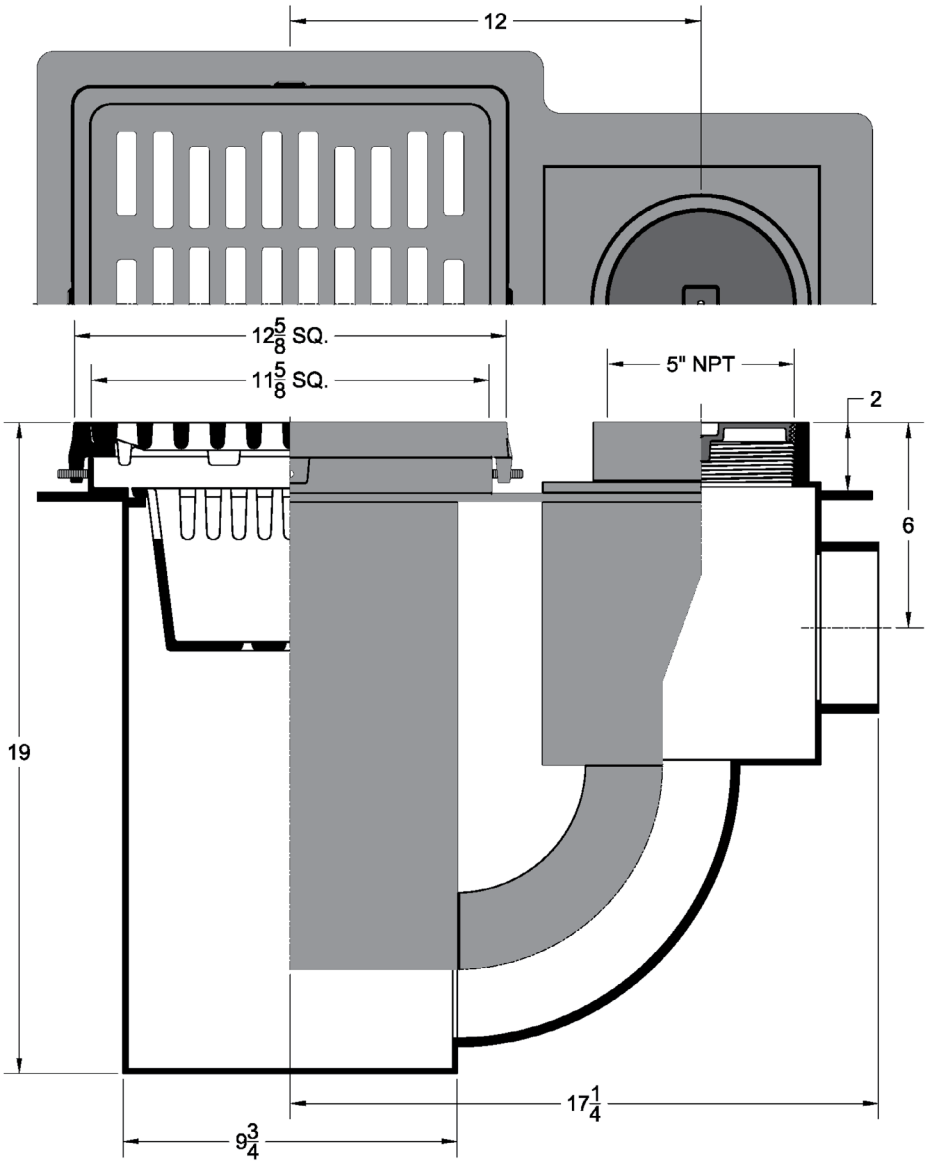
Regularly Furnished: Fabricated steel industrial floor drain with integral trap & floor level cleanout, suspended aluminum sediment bucket, & special duty grate.

Outlet Variations		
Type	**Designation**	**Add**
No-Hub	2NH,3NH,4NH	N/C

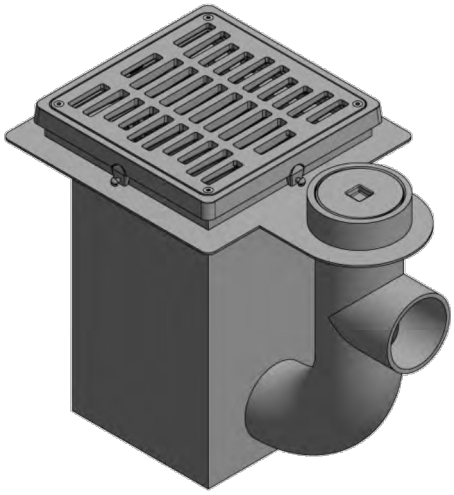
Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	3,009.00
VP	Vandal Proof Top	291.00
24	Anchor Flange *	837.00
26	Anchor Flange w/ Clamping Collar *	780.00
39	Galvanized	3,356.00

** Dimensions vary from illustration*

2080 Industrial Floor & Area Drain with Integral Trap & Cleanout



ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-12) Ductile Iron	Heavy Duty



2080-12-4NH

Outlet Size	-1 Fabricated Steel Body with Satin Finish Nickel Bronze Top	-12 Fabricated Steel Body with Ductile Iron Top
3"	12,561.00	12,005.00
4"	13,546.00	12,980.00
Grate Free Area (Sq.In.)	35.5	52.6
Wt. Lbs.	90.0	110.0

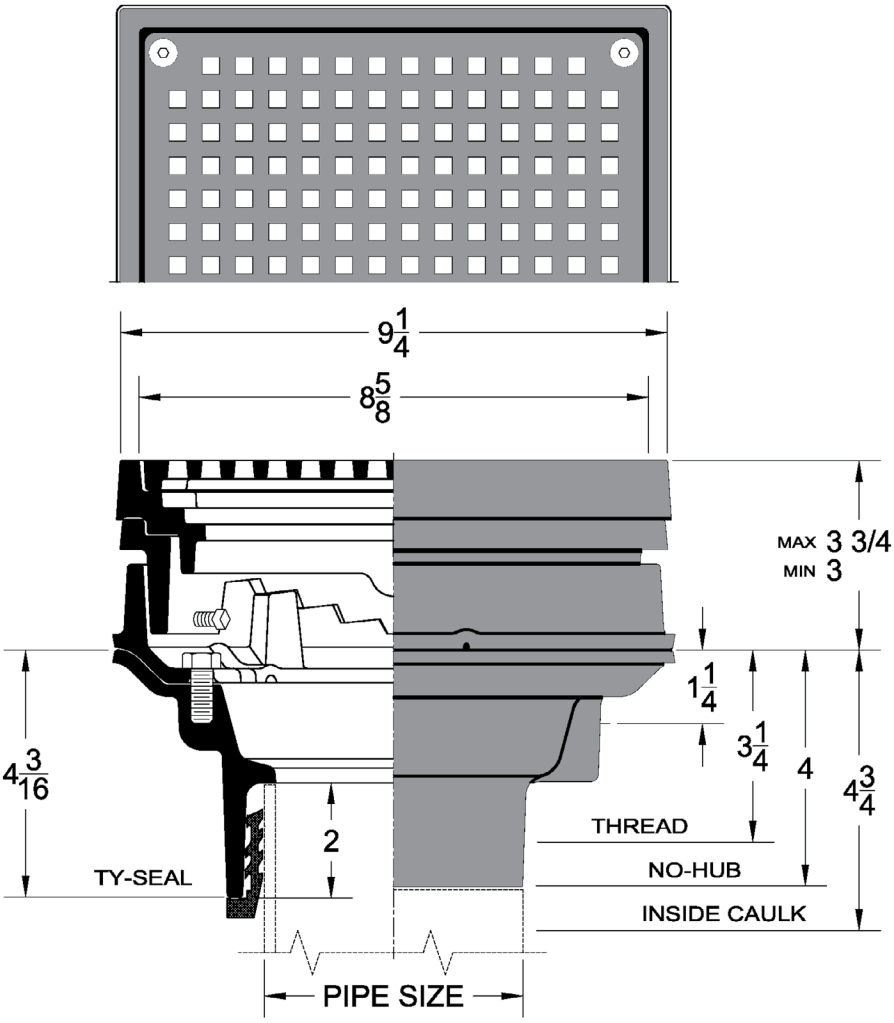
Outlet Variations		
Type	**Designation**	**Add**
No-Hub	3NH,4NH	N/C

Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	2,877.00
VP	Vandal Proof Top	310.00
26	Anchor Flange w/Clamping Collar	225.00
39	Galvanized Cast Iron	3,771.00

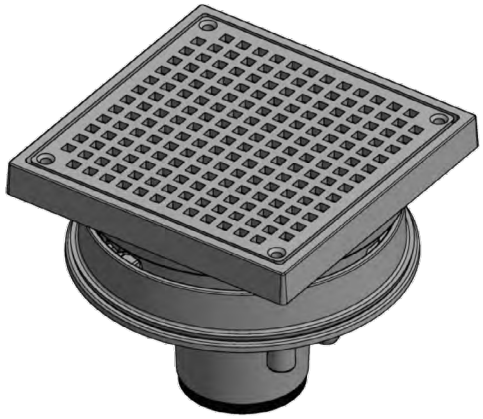
Regularly Furnished: Fabricated steel industrial floor drain with deep sump, integral trap & floor level cleanout, suspended aluminum sediment bucket, & special duty grate.

** Dimensions vary from illustration*

2100 9" Square, Heavy Duty, Adjustable Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2100-12-3TY

Outlet Size	-1 Satin Finish Nickel Bronze Top	-2 Satin Finish Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	3,329.00	3,023.00	2,123.00
6"	3,696.00	3,386.00	2,489.00
Grate Free Area (Sq.In.)	18.9	18.9	18.9
Wt. Lbs.	27.9	27.9	25.9

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

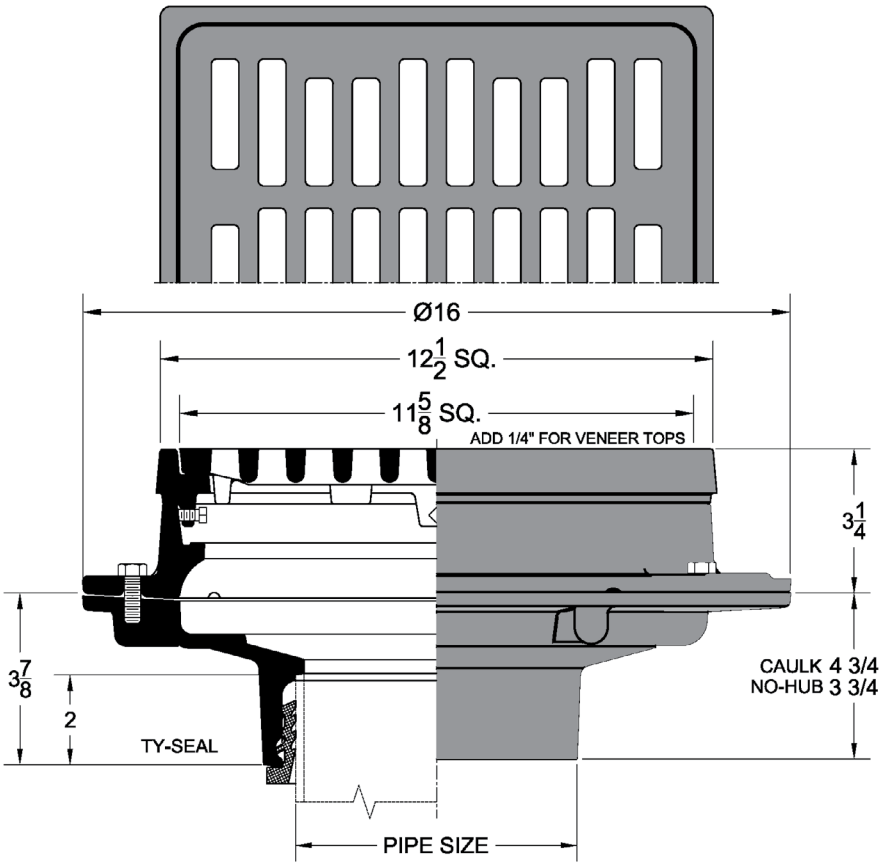
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH, 3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C
Threaded	2IPS,3IPS,4IPS	164.00

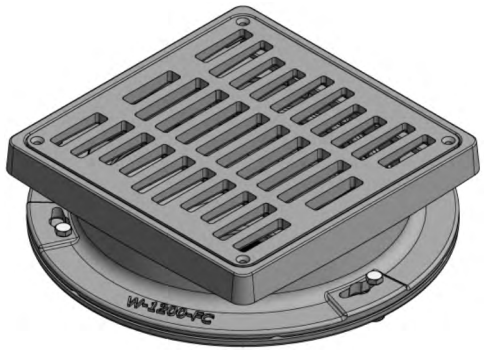
Suffix Options			
Suffix	**Description**		**Add**
ARC	Acid Resistant Coating		1,066.00
SO	90 Degree Side Outlet (2IPS,3IPS,4IPS) *		470.00
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top		291.00
WS	Wide Slot Grate (25.6 Sq.In. Open Area)		N/C
8	Secondary Strainer *		92.00
14	Hinged Grate		272.00
23	1-1/2" Grate Riser	Painted	197.00
		-39	458.00
27	Sediment Bucket (Aluminum)		280.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		845.00
123	Stainless Steel Mesh Bucket Liner		570.00

** Dimensions vary from illustration*

2300 12" Square, Heavy Duty, Shallow Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty



2300-12-3TY

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	4,102.00	3,836.00	2,157.00
8",10"	4,790.00	4,524.00	2,726.00
Grate Free Area (Sq.In.)	35.5	35.5	52.6
Wt. Lbs.	60.6	60.6	58.6

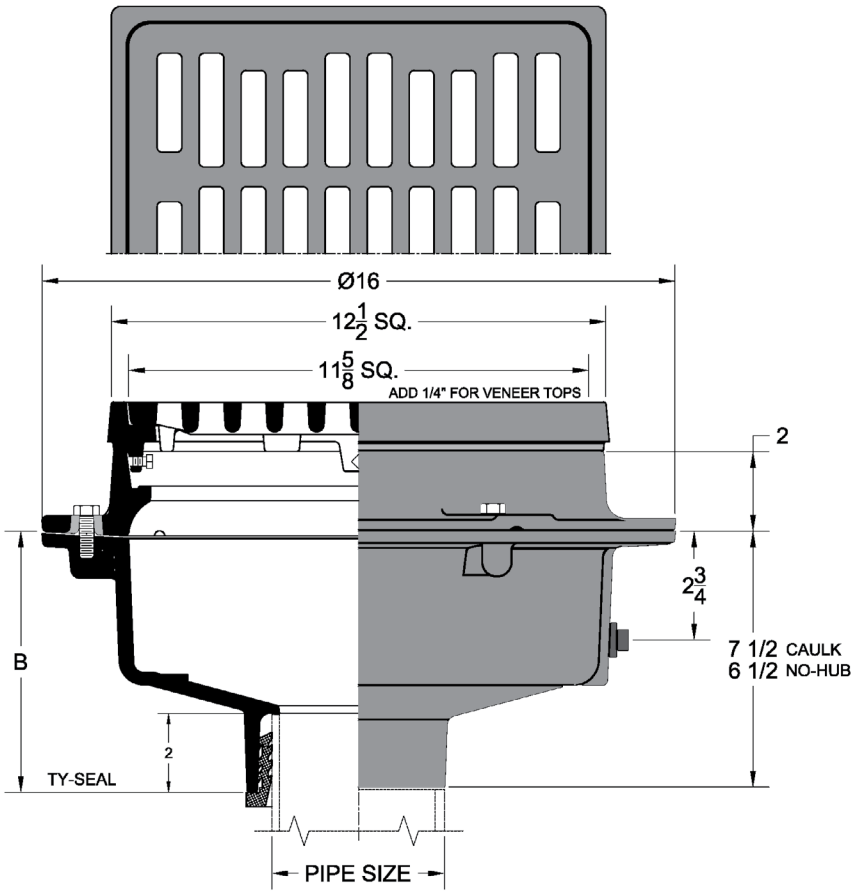
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,6NH,8NH,10NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	1,727.00
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top	291.00
8	Secondary Strainer *	124.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)	N/C
14	Hinged Grate	482.00
14-18	Solid Hinged Grate	1,054.00
14-19	Hinged Locking Grate	1,092.00
18-19	Hinged Solid Locking Grate	1,143.00
23	2" Grate Riser	280.00
27	Sediment Bucket (Aluminum)	410.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	1,656.00
123	Stainless Steel Mesh Bucket Liner	826.00

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

** Dimensions vary from illustration*

2310 12" Square, Heavy Duty, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2310-12-3TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	4,367.00	4,227.00	2,422.00
8"	4,967.00	4,662.00	3,023.00
Grate Free Area (Sq.In.)	35.5	35.5	52.6
Wt. Lbs.	76.8	76.8	74.8

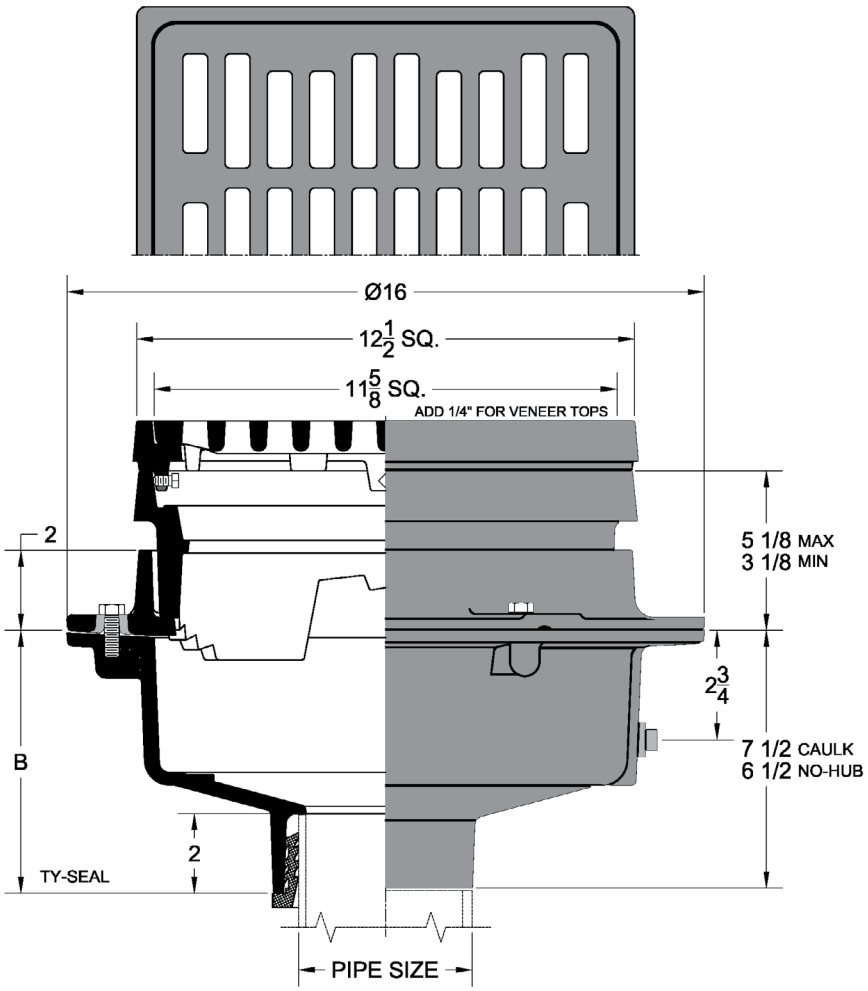
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

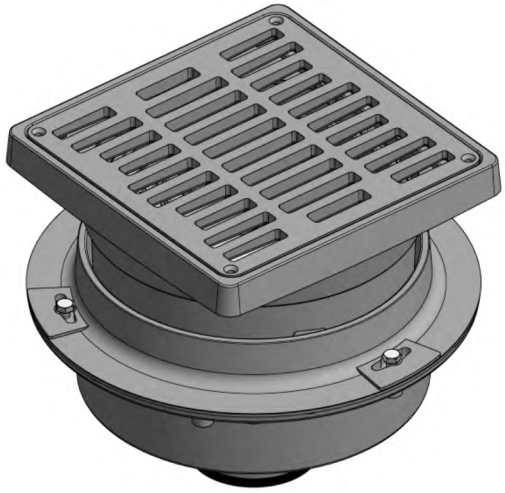
Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	1,812.00
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top	291.00
8	Secondary Strainer *	124.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)	N/C
14	Hinged Grate	482.00
14-18	Solid Hinged Grate	1,054.00
14-19	Hinged Locking Grate	1,092.00
18-19	Hinged Solid Locking Grate	1,143.00
23	2" Grate Riser	280.00
27	Sediment Bucket (Aluminum)	508.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	1,757.00
123	Stainless Steel Mesh Bucket Liner	826.00

** Dimensions vary from illustration*

2340 12" Square, Heavy Duty, Adjustable Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2340-12-3TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

** Dimensions vary from illustration*

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	8,487.00	5,831.00
8"	9,088.00	6,434.00
Grate Free Area (Sq.In.)	35.5	52.6
Wt. Lbs.	78.0	76.0

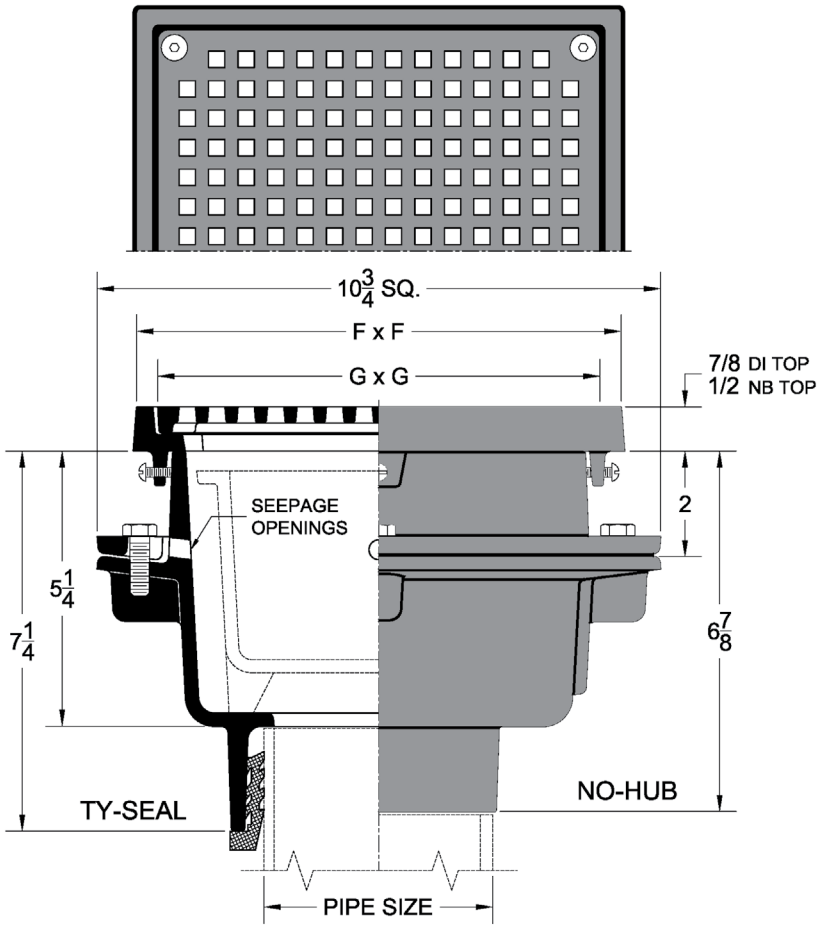
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	3,530.00
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top	291.00
8	Secondary Strainer *	124.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)	N/C
14	Hinged Grate	482.00
14-18	Solid Hinged Grate	1,054.00
14-19	Hinged Locking Grate	1,092.00
18-19	Hinged Solid Locking Grate	1,143.00
23	2" Grate Riser	280.00
27	Sediment Bucket (Aluminum)	508.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	3,352.00
123	Stainless Steel Mesh Bucket Liner	826.00

2350 8" Square, Heavy Duty, Deep Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2350-12-4TY

Dimensions (In.)		
Top Style	**F**	**G**
(1) Nickel Bronze	8-1/2	7-1/2
(12) Ductile Iron	9-1/4	8-1/2

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4"	2,709.00	1,506.00
Grate Free Area (Sq.In.)	18.9	18.9
Wt. Lbs.	28.8	30.8

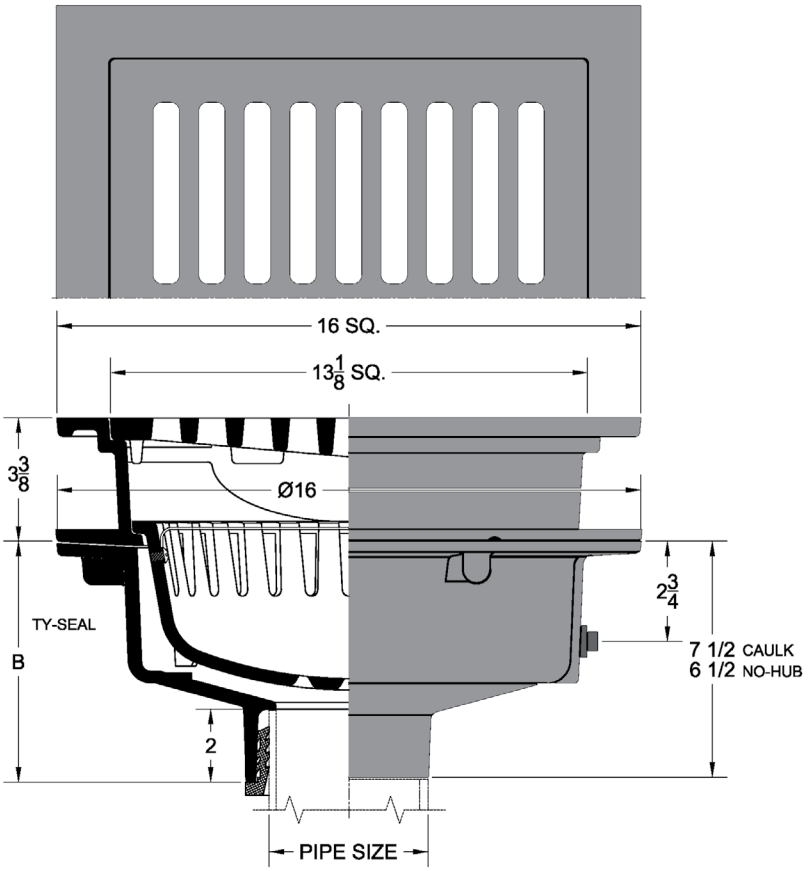
Regularly Furnished: Cast iron floor & area drain with flange, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC	N/C
No-Hub	2NH, 3NH,4NH	N/C
Push On Gasket	2TY,3TY,4TY	N/C

Suffix Options		
Suffix	**Description**	**Add**
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top	291.00
WS	Wide Slot Grate (25.6 Sq.In. Open Area)	N/C
8	Secondary Strainer *	124.00
14	Hinged Grate	272.00
15	Half Grate	N/C
19	Hinged Locking Grate	1,088.00
26	Clamping Collar	359.00
27	Sediment Bucket	395.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	845.00
123	Stainless Steel Mesh Bucket Liner	826.00

** Dimensions vary from illustration*

2360 16" Square, Heavy Duty, Medium Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2360-12-4TY

Dimensions (In.)	
Pipe Size	**B**
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6",8"	8,874.00	5,284.00
Grate Free Area (Sq.In.)	66.5	66.5
Wt. Lbs.	53.0	52.0

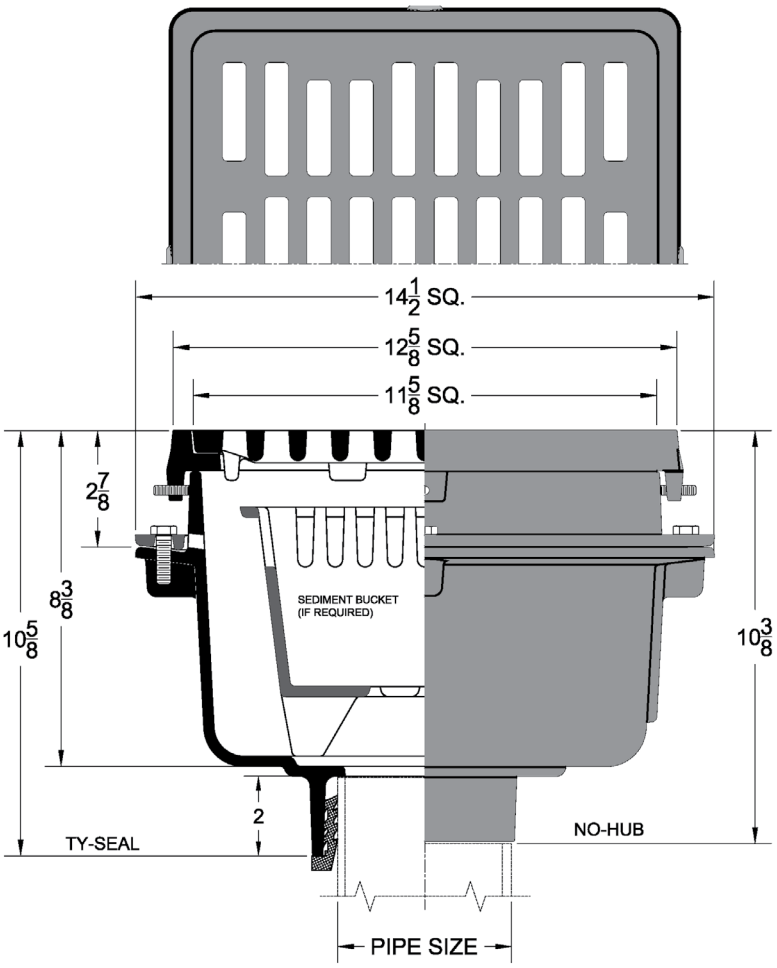
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC,6IC	N/C
No-Hub	2NH, 3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Suffix Options		
Suffix	**Description**	**Add**
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top	291.00
WS	Wide Slot Grate (25.6 Sq.In. Open Area)	1,230.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)	1,276.00
29	Less Sediment Bucket (Deduct)	$(329.00)
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	2,722.00
123	Stainless Steel Mesh Bucket Liner	826.00

** Dimensions vary from illustration*

2370 12" Square, Heavy Duty, Deep Sump Floor & Area Drain



ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



2370-12-4TY

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
2",3",4",6"	4,419.00	2,057.00
Grate Free Area (Sq.In.)	35.5	52.6
Wt. Lbs.	57.0	55.0

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	3IC,4IC	N/C
No-Hub	2NH, 3NH,4NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

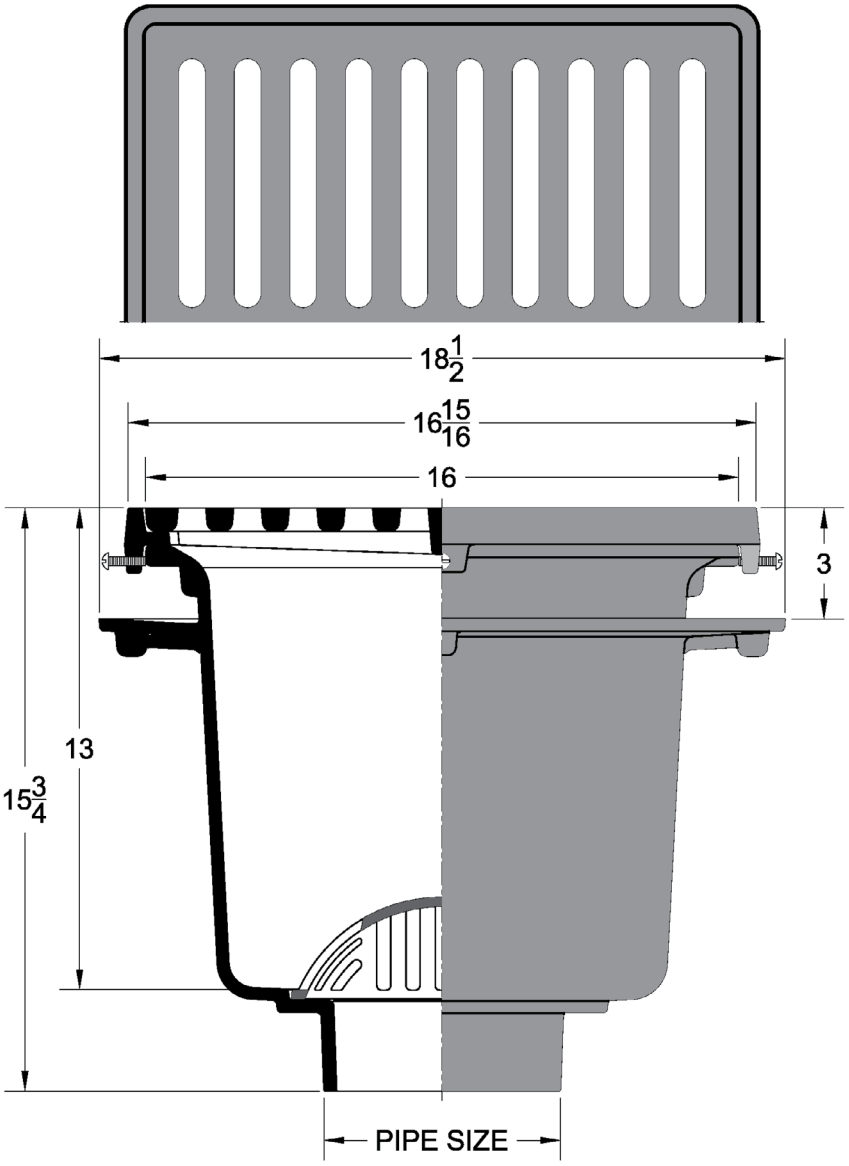
Regularly Furnished: Cast iron floor & area drain with flange, integral clamping collar, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Suffix Options			
Suffix	**Description**		**Add**
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top		291.00
8	Secondary Strainer *		124.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)		N/C
14	Hinged Grate		482.00
14-18	Solid Hinged Grate		1,054.00
14-19	Hinged Locking Grate		1,092.00
18-19	Hinged Solid Locking Grate		1,143.00
21	Less Grate (Deduct)	-12	(384)
		-1	(1,154)
		-2	(183)
26	Clamping Collar		389.00
27	Sediment Bucket (Aluminum)		480.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,126.00
123	Stainless Steel Mesh Bucket Liner		826.00

** Dimensions vary from illustration*

2390 16" Square, Heavy Duty, Deep Sump Floor & Area Drain (Replaces 2380-SH)

ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-12) Ductile Iron	Heavy Duty





2390-12-6NH

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top
4",6",8"	9,528.00	4,097.00
Grate Free Area (Sq.In.)	55.8	89.1
Wt. Lbs.	89.9	90.1

Regularly Furnished: Cast iron floor & area drain with flange, seepage openings, 1/2" primer tap with plug, & heavy duty grate. Note: Grate and frame machined for vandal proof screws

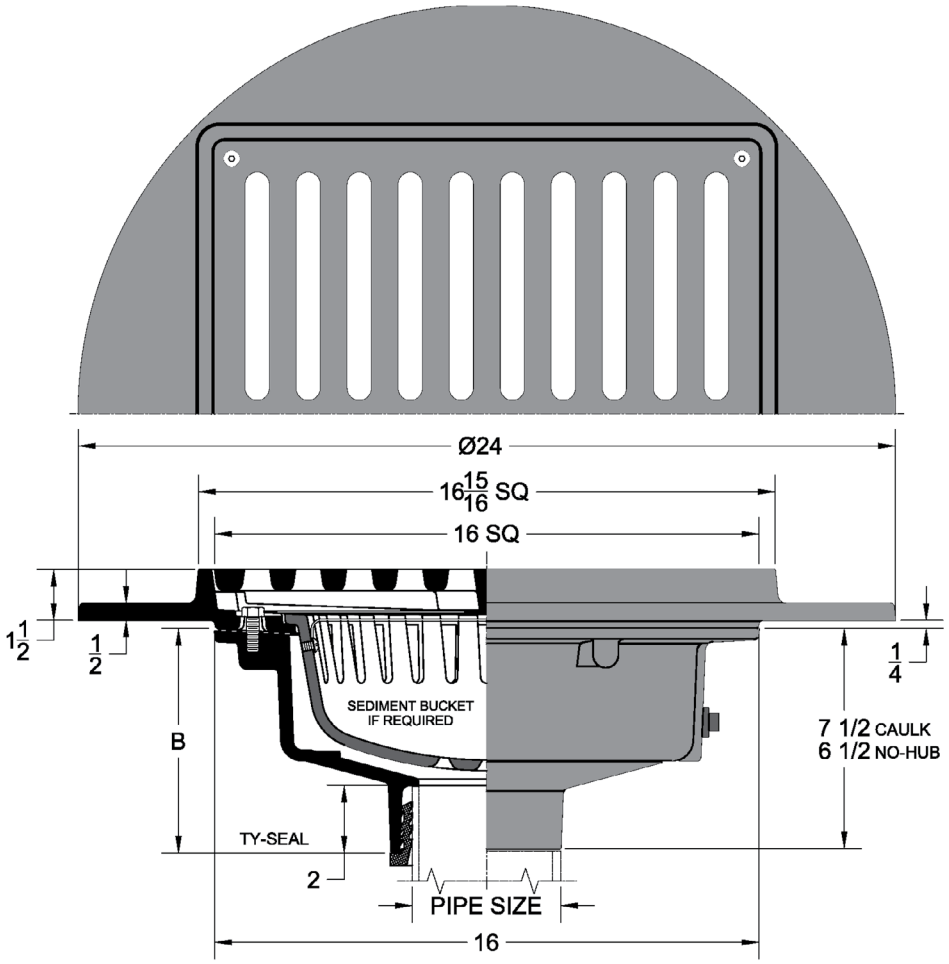
Outlet Variations		
Type	**Designation**	**Add**
No-Hub	4NH,6NH,8NH	N/C

Suffix Options			
Suffix	**Description**		**Add**
TSD	Trap Seal Device (See Model 4405)		269.00
VP	Vandal Proof Top		291.00
8	Secondary Strainer *		124.00
11	Heel Proof Grate (Free Area-40.8 Sq.In.)		N/C
21	Less Grate (Deduct)	-12	(1,056)
		-1	(3,484)
		-2	(3,054)
26	Clamping Collar		1,838.00
27	Sediment Bucket (Aluminum)		1,637.00
31	Backwater Valve (3",4")		759.00
39	Galvanized Cast Iron		1,905.00
123	Stainless Steel Mesh Bucket Liner		826.00

** Dimensions vary from illustration*

2397 16" Square, Heavy Duty, Parking Area Drain

ASME Load Rating	
(-1) Nickel Bronze	Heavy Duty
(-2) Satin Bronze	Heavy Duty
(-12) Ductile Iron	Heavy Duty



Dimensions (In.)	
Pipe Size	B
2"	6-7/8
3"	6-3/4
4"	6-3/8
6"	6-1/4

Note: Frames and grates are machined for vandal proof screws (Sold Separately)

2397-12-3TY



Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
3",4",6"	8,010.00	6,549.00	89.1	122.0
8"	8,849.00	7,290.00	89.1	122.0

Outlet Variations		
Type	Designation	Add
Inside Caulk	2IC,3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,6NH,8NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

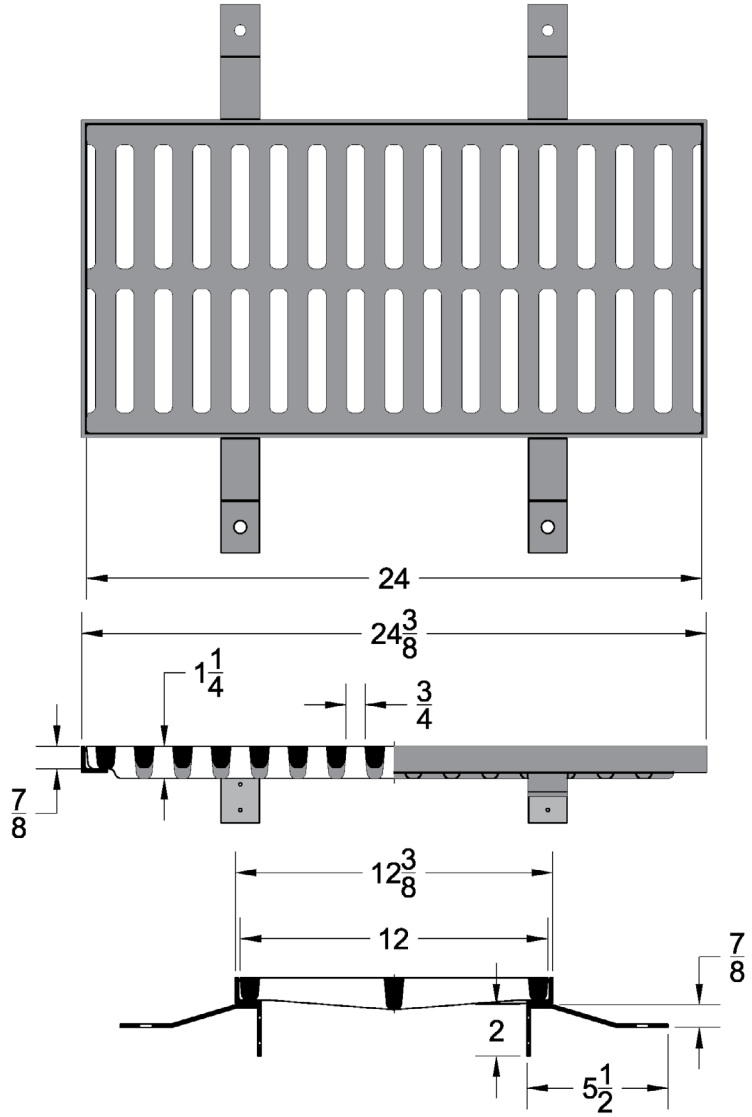
Regularly Furnished: Cast iron parking area drain with heavy duty support flange, seepage openings, 1/2" primer tap with plug, & heavy duty grate.

Suffix Options		
Suffix	Description	Add
VP	Vandal Proof Top	291.00
8	Secondary Strainer *	124.00
27	Sediment Bucket in Leiu of Dome Strainer	902.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron	2,160.00
53	Under Deck Clamp *	480.00

** Dimensions vary from illustration*

2902 12" x 24" Special Duty Trench Grating

ASME Load Rating	
(-1) Nickel Bronze	Light Duty
(-2) Satin Bronze	Light Duty
(-12) Ductile Iron	Special Duty





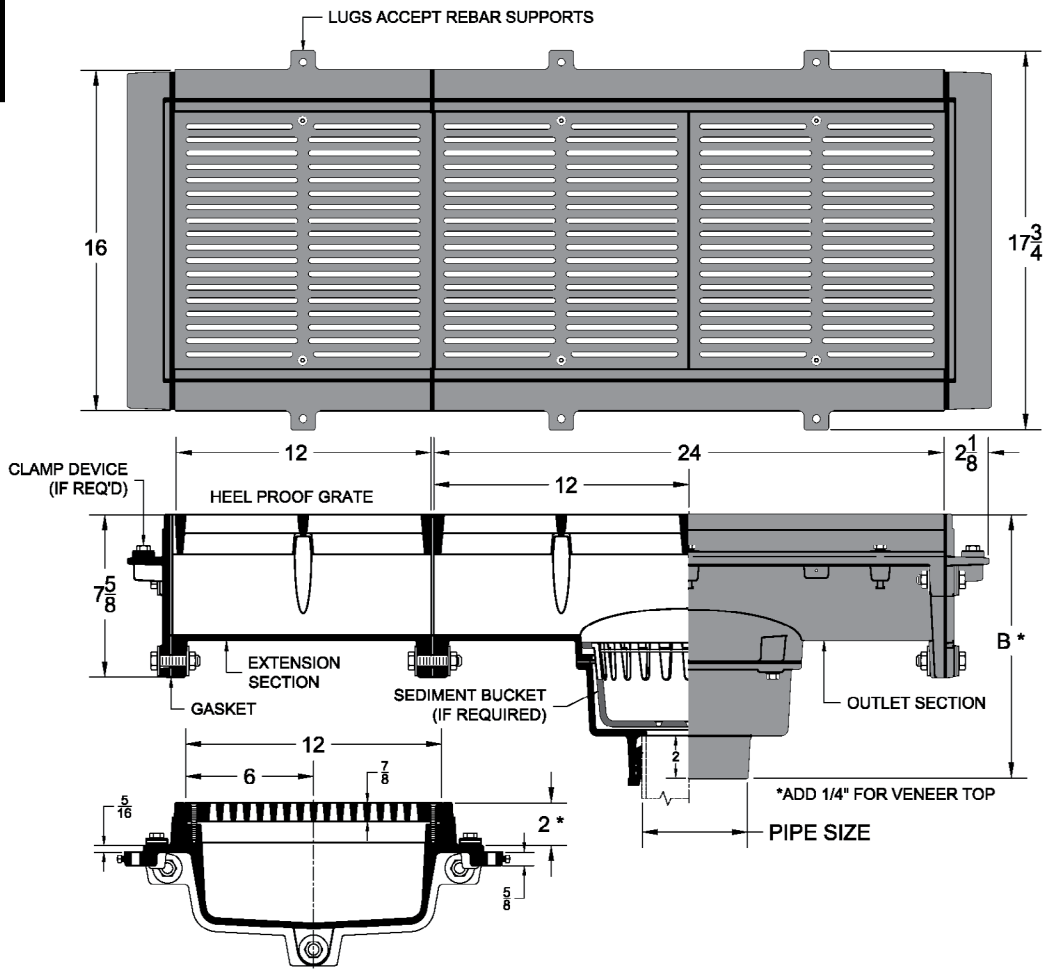
2902-F12X24-12

Regularly Furnished: 12" X 24" Painted cast ductile iron slotted special duty trench grating.

Style	-1 Satin Finish Nickel Bronze Top	-12 All Ductile Iron	-39 Ductile Iron Galvanized	Number of Grates
2902 Grate Only	11,355.00	2,690.00	5,848.00	1
Grate Free Area (Sq.In.)	102.4	115.2	115.2	1
Grate Wt. Lbs.	33.1	30.0	30.0	
Grates with Frames				
2902-F12x12	17,098.00	6,404.00	9,563.00	1
2902-F12x48	34,190.00	12,806.00	19,125.00	2
2902-F12x72	51,285.00	19,210.00	28,688.00	3
2902-F12x96	68,373.00	25,613.00	38,247.00	4
2902-F12x120	85,470.00	32,015.00	47,808.00	5

** Dimensions vary from illustration*

2920 12" x 24" Modular Trench Drain



ASME Load Rating	
(-1) Nickel Bronze	Special Duty
(-2) Satin Bronze	Special Duty
(-12) Ductile Iron	Special Duty

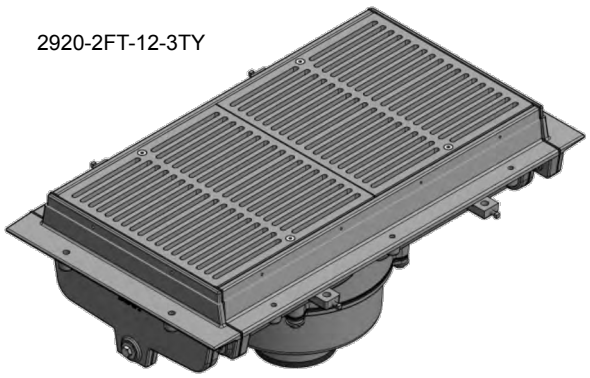
* Add 1/4" for Nickel Bronze Veneer Top.

Outlet	B
Inside Caulk	7-1/2
No-Hub	9-1/8
Push-On	9-1/8

Regularly Furnished: 12" wide modular cast iron floor & trench drain with integral anchor, leveling lugs, & special duty ductile iron ADA grate. Note: Grate and bodies are machined for vandal proof screws (Sold Separately)

Style	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Grate Free Area (Sq. In.)	Wt. Lbs.
2 FT Outlet Section	$12,083.00	$7,716.00	74.1	79.8
(-XT) 1FT Extension (Ea.)	6,042.00	3,860.00	37.0	58.0

2920-2FT-12-3TY

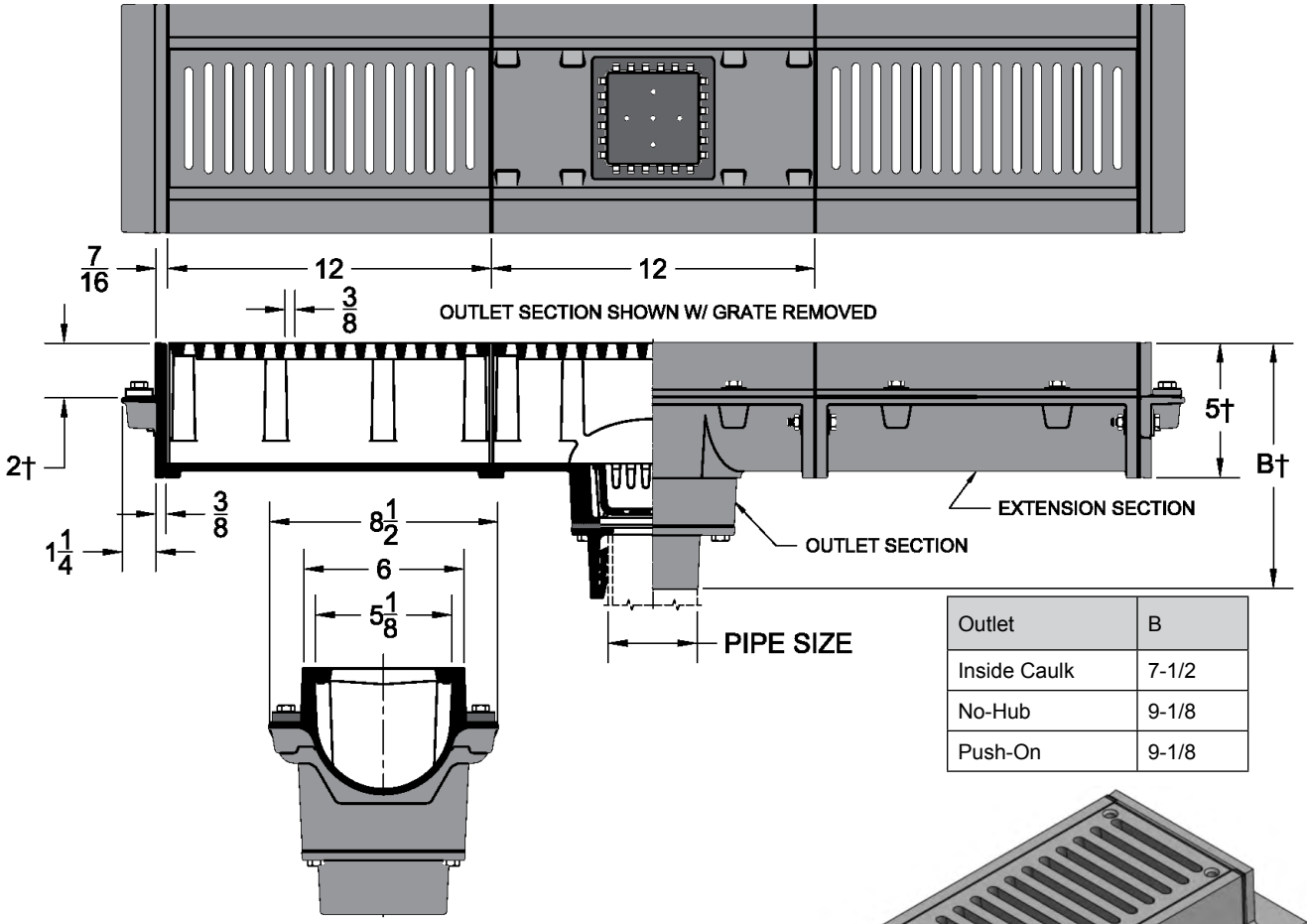


Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	1,512.00
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top (Per Foot)	478.00
9	Secondary Dome Strainer	597.00
26	Clamping Collar (Per Foor) *	318.00
27	Sediment Bucket	1,112.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron (Per Foot)	1,269.00

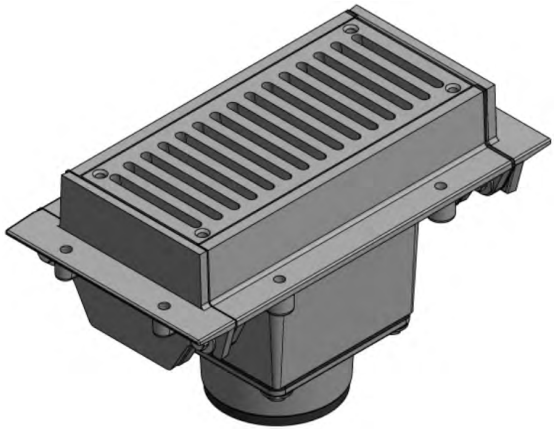
Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,5NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

** Dimensions vary from illustration*

2950 6" x 12" Modular Trench Drain



Outlet	B
Inside Caulk	7-1/2
No-Hub	9-1/8
Push-On	9-1/8



2950-1FT-12-3TY

┼ Add 1/4" for heavy duty Nickel Bronze Veneer Top.
Note: Inside Caulk body is not a bolt on outlet and is furnished standard with a bome bottom strainer instead of a sediment bucket.

Outlet Size	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-12 Cast Iron Body with Ductile Iron Top	Grate Free Area (Sq. In.)
1 FT Outlet Section	4,607.00	2,046.00	22.9
(-XT) 1FT Extension (Ea.)	4,607.00	2,046.00	22.9

Regularly Furnished: 6" Wide modular cast iron floor & trench drain with integral flange, lugs, & medium duty ductile iron grate. Optional special duty grating is ADA Heel Proof.

Outlet Variations		
Type	**Designation**	**Add**
Inside Caulk	2IC,3IC,4IC,6IC,8IC	N/C
No-Hub	2NH, 3NH,4NH,5NH,6NH	N/C
Push On Gasket	2TY,3TY,4TY,6TY(CI),6TX(PVC)	N/C

Note: Grate and body machined for vandal proof screws. (Sold Separately)

Suffix Options		
Suffix	**Description**	**Add**
ARC	Acid Resistant Coating	1,029.00
SD	Special Duty Ductile Iron Grating (Per Ft.) *	639.00
TSD	Trap Seal Device (See Model 4405)	269.00
VP	Vandal Proof Top (Per Foot)	478.00
9	Secondary Dome Strainer	478.00
26	Clamping Collar (Per Foot) *	315.00
27	Sediment Bucket (Cast Iron)	584.00
31	Backwater Valve (3",4")	759.00
39	Galvanized Cast Iron (Per Foot)	635.00

** Dimensions vary from illustration*