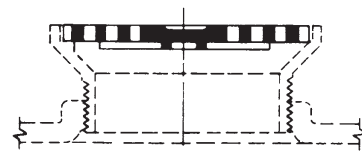


WEIGHT LOADS

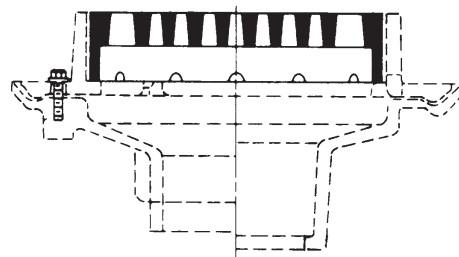
Apart from their primary purpose of receiving and conveying liquids, floor drains, as integral components of the floor, must be structurally suitable to withstand the anticipated loads that will be imposed on the floor. Weight support requirements of the drain vary with the location, construction, and service condition. The top loading classifications as published in Floor Drain Standard ANSI A112.21.1M-1980 are as follows:

- Light-Duty**— All grates testing under 2000 lb. (900 kg.).
- Medium-Duty**— All grates testing between 2000 lb. (900 kg.) and 4999 lb. (2250 kg.).
- Heavy-Duty**— All grates testing between 5000 lb. (2250 kg.) and 7499 lb. (3375 kg.).
- Extra Heavy-Duty**— All grates testing between 7500 lb. (3375 kg.) and 10,000 lb. (4500 kg.).
- Special-Duty**— Grates testing over 10,000 lb. (4500 kg.) should be considered special and treated accordingly.

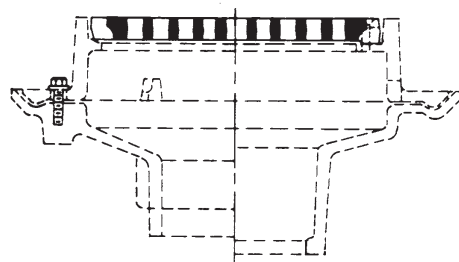
When the top loading requirements for a drain have been determined, the duty type needed can be resolved. Selection is easily accomplished as all JOSAM Floor Drains are classified according to duty type in this section. For specific detail loading data, contact JOSAM Engineering.



PEDESTRIAN GRATE

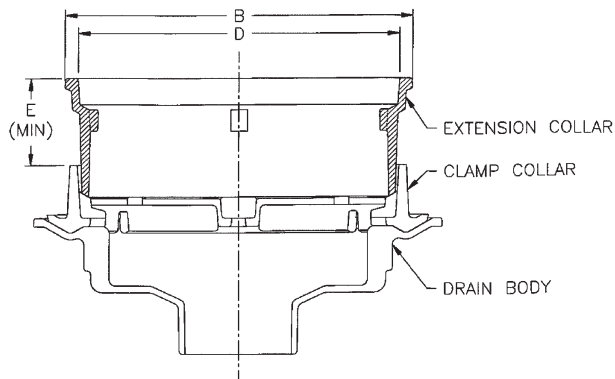


HEAVY-DUTY GRATE



MEDIUM-DUTY GRATE

-44 Option, Fixed Extension Collar



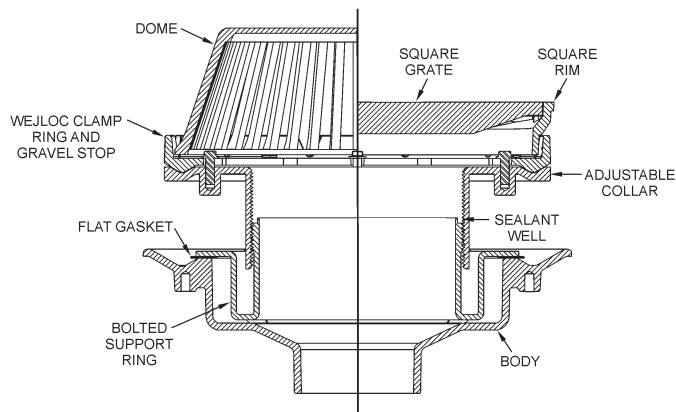
ORDERING INFORMATION

To specify or order a fixed extension collar with floor drain, add Option (-44) and height required to type number of drain.

Example: Type 32103 with a 6" extension would be designated: Type 32103 (-44)-6".

SERIES NO.	B In	D In	E In
32100, 32150, 32160	9-1/8	8-1/8	2
32200, 32300	12-5/8	11-3/4	2

(-AE) Option, LEVELEZE® Adjustable Extension

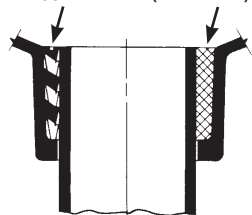


The adjustable integral top is mated to the body and support ring with a heavy machined thread which permits virtually unlimited top level adjustment to accommodate various deck thicknesses. The line contact between the threads provides positive circumferential support of the top at any adjusted elevation.

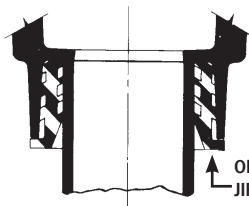
Outlet Connections

JOSAM drains are furnished with outlets for connection to most types of pipe. The timesaving, economical JIFFEE-JOINT Gasket is used for inside caulk connections (-X) to extra heavy or service weight soil pipe. No-hub spigot outlets (-Z) are also available for connection to no-hub soil pipe. The JIFFEE-SET Outlet (-Y) is for connecting hub outlet drains to PVC and ABS, service weight or no-hub soil pipe. Threaded outlets (-T) can be obtained on many series.

OPTIONAL JOSAM
JIFFEE-JOINT CONVENTIONAL CAULK
(BY OTHERS)

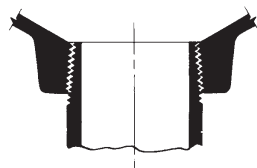


(-X) INSIDE CAULK CONNECTION

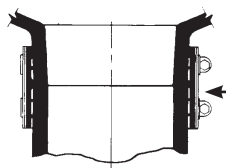


(-Y) HUB CONNECTION

OPTIONAL JOSAM
JIFFEE-SET GASKET

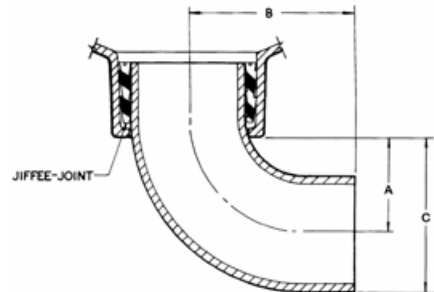


(-T) THREADED CONNECTION



(-Z) NO-HUB CONNECTION

NO-HUB
CONNECTOR
(BY OTHERS)



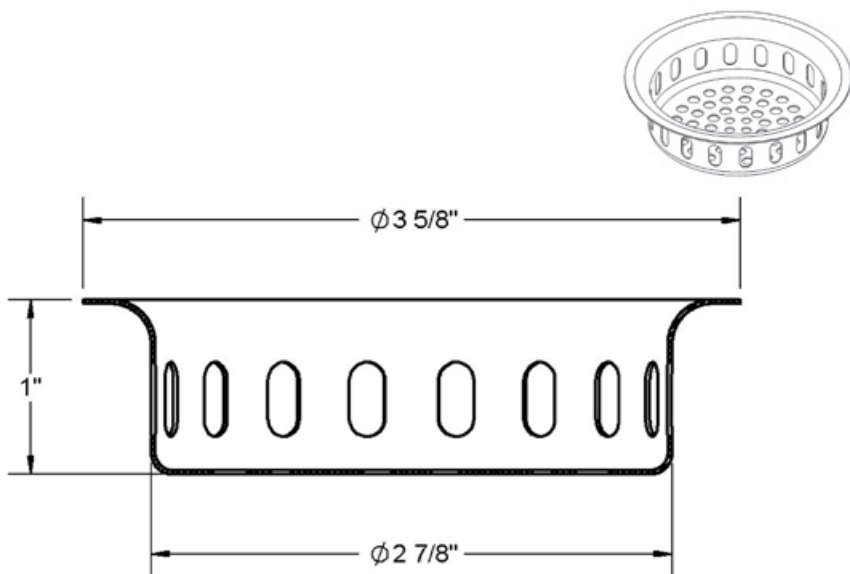
(-66) OPTION

This option converts JOSAM bottom outlet inside caulk drains to no-hub side outlet drains using a 90° no-hub quarter bend and a JIFFEE-JOINT Gasket.

PIPE SIZE	A	B	C
2	2-1/2	4-1/2	3-5/8
3	2-13/16	5	4-1/2
4	3-1/2	5-1/2	5-11/16
5	4-5/16	6-1/2	6-15/16
6	4-13/16	7	7-15/16

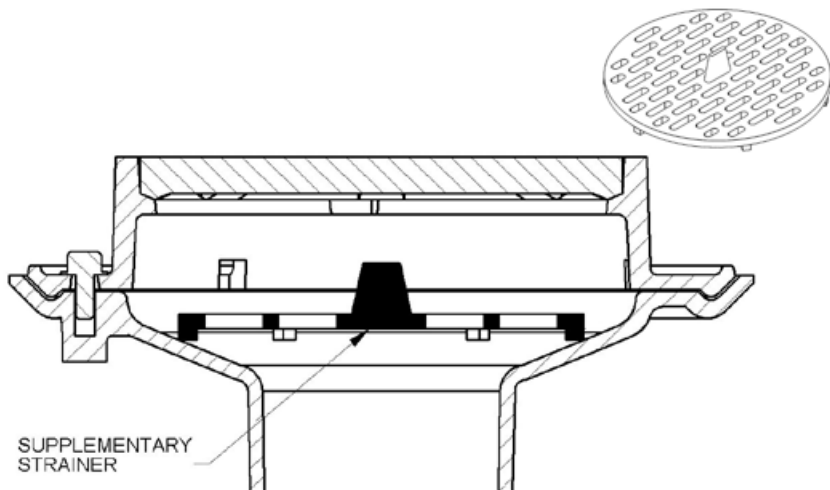


WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov



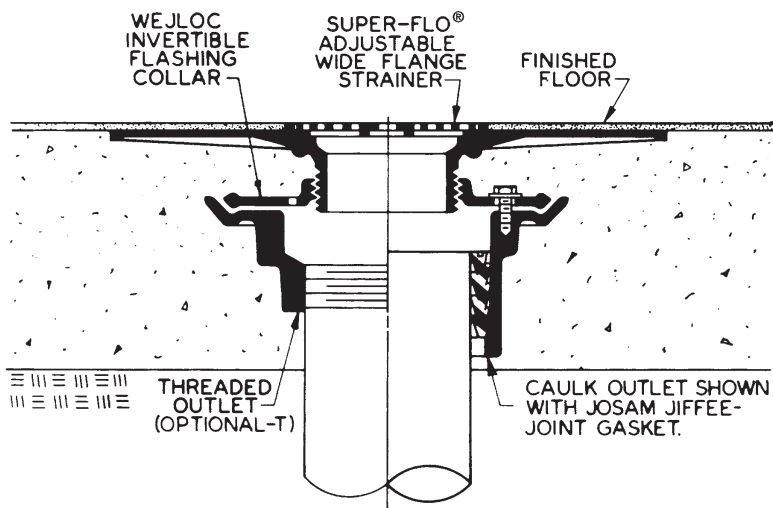
(-80) OPTION, PERFORATED STAINLESS STEEL BASKET

For use with all adjustable strainers to collect debris which may clog the waste line.

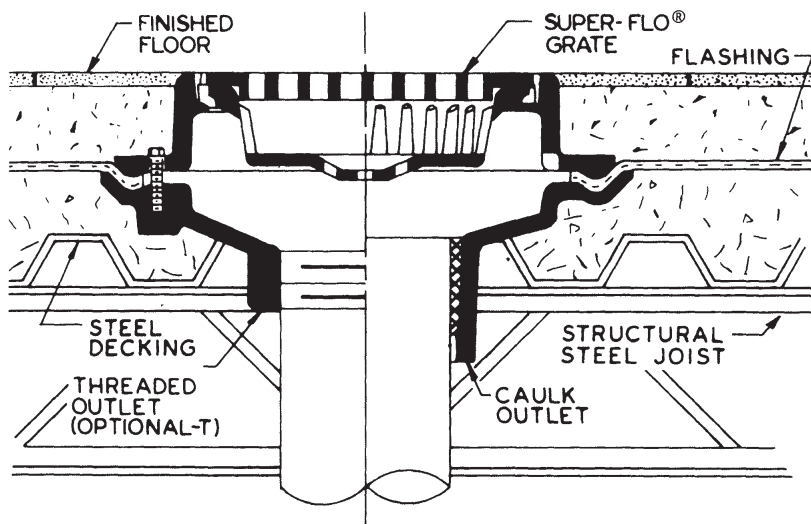


(-88) OPTION, SUPPLEMENTARY STRAINER

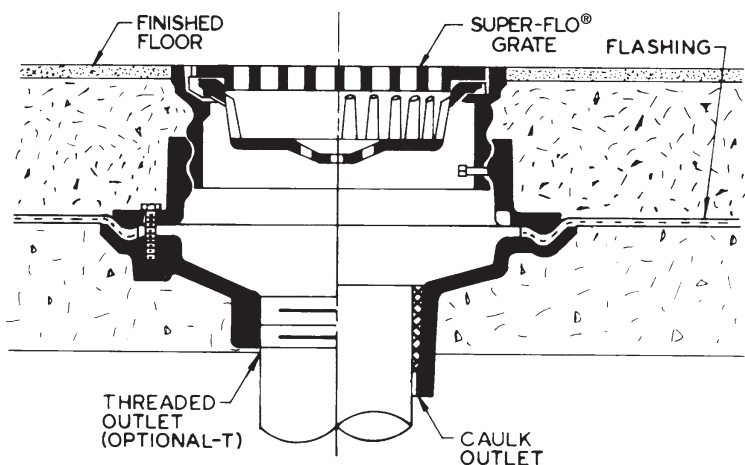
This option provides a secondary means of protection against blockage of drain lines. The openings in the supplementary strainer are smaller than the openings in the top grate, allowing it to intercept debris entering the interior of the drain. This option is primarily used in drains which don't offer a sediment bucket.



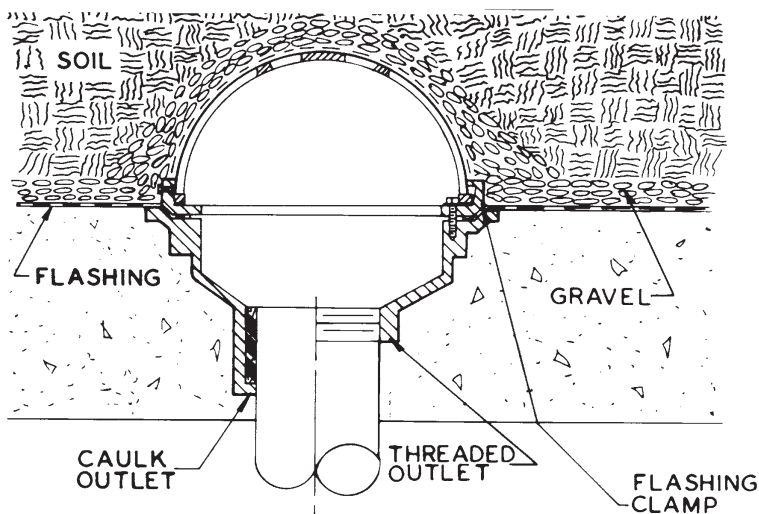
30000-WF6S Series SUPER-FLO® Adjustable Stainer Floor Drain shown installed in a composition deck floor. Wide flange assures that bonding of floor material is watertight and permanent.



32100-81 Series SUPER-FLO® Floor Drain shown installed in a medium-duty single-pour concrete floor supported by steel construction.



32100-AE-81 Series SUPER-FLO® Floor Drain shown installed in a poured concrete floor with floor finish. LEVELEZE® Adjustable Collar provides vertical adjustment, facilitating installation and forming a perfect surface between top of drain and floor finish.

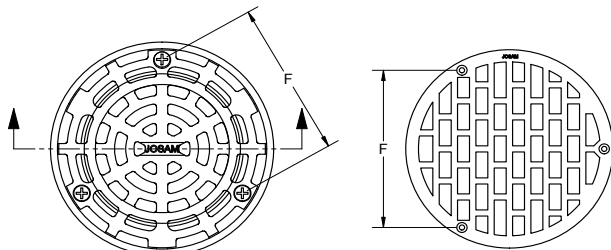


39600 Series Planting Area Drain shown in a typical installation providing drainage for an indoor planting area. Stainless mesh screen covered dome prevents entrance of dirt and gravel at the base of the planting area.

SPECIFICATION:

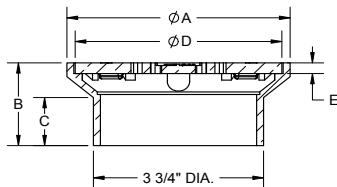
JOSAM SERIES "A" ADJUSTABLE SATIN FINISH NIKALOY ROUND "SUPER - FLO" STRAINER THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

 SERIES **A**


5A-6A-7A-8A
SLOT WIDTH : 1/4"
MEETS ADA AND HEEL-PROOF REQS.

9A-10A
SLOT WIDTH : 1/2"
MEETS ADA REQS.



TYPE NO.	A	B	C	D	E	F	FREE AREA	LBS.
5A	5	1-15/16	1-1/8	4-5/8	1/4	3-5/8	7.8	2
6A	6	2-1/4	15/16	5-1/4	1/4	4-11/64	11.0	3
7A	7	2-11/16	1-1/2	6-7/16	7/32	5-1/32	13.2	4
8A	8	2-1/2	7/8	7-1/8	7/32	5-3/4	16.2	5
9A*	9	2-1/4	1	8-1/8	7/32	6-7/16	21.1	7
10A*	10	2-1/4	1-1/8	9	9/32	7-27/64	28.0	9

* Not SUPER-FLO Design

-3	BUFF POLISH NIKALOY	-4	BUFF POLISH BRASS
-SS	STAINLESS STEEL (5A, 6A, 7A, 8A)	-CP	CHROME PLATED STRAINER (5A & 6A)
-2	BRONZE ADJUSTABLE STRAINER	-J	BACKWATER VALVE
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 10/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

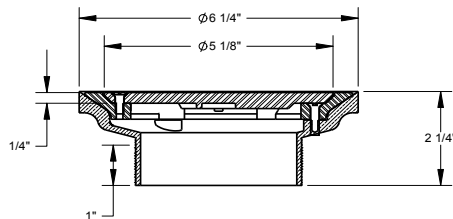
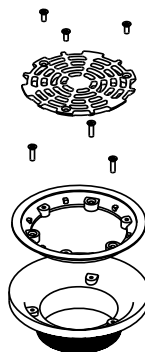
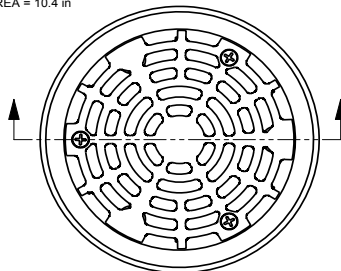
SPECIFICATION:

JOSAM SERIES 6AD ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO STRAINER THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

 SERIES **6AD**

SLOT WIDTH 1/4"
FREE AREA = 10.4 in²



-2	SATIN FINISH BRONZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-80	PERFORATED SS BASKET	-J	BACKWATER VALVE

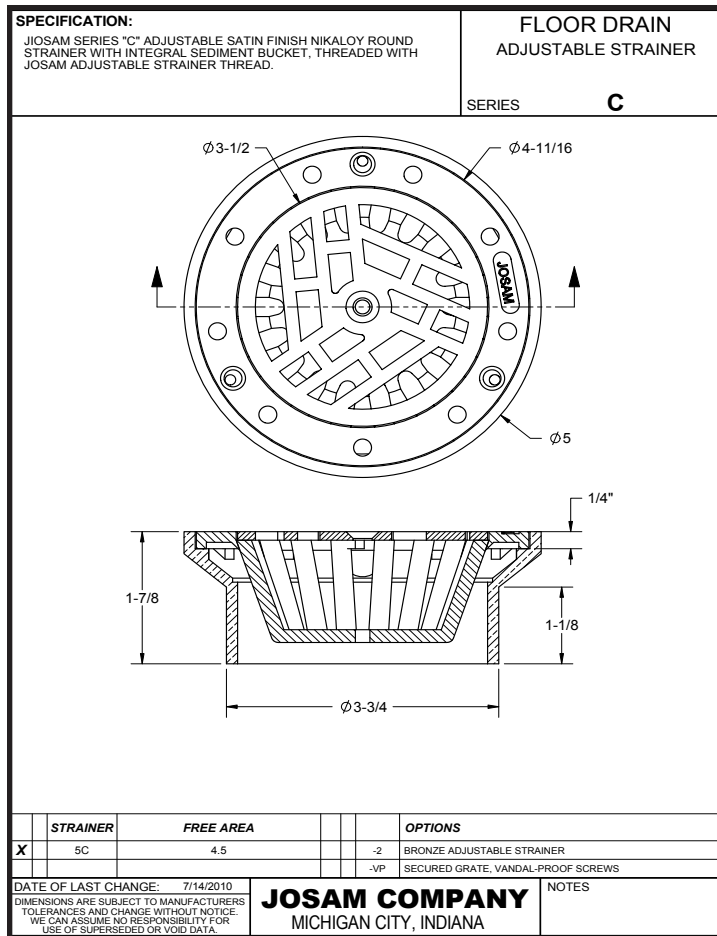
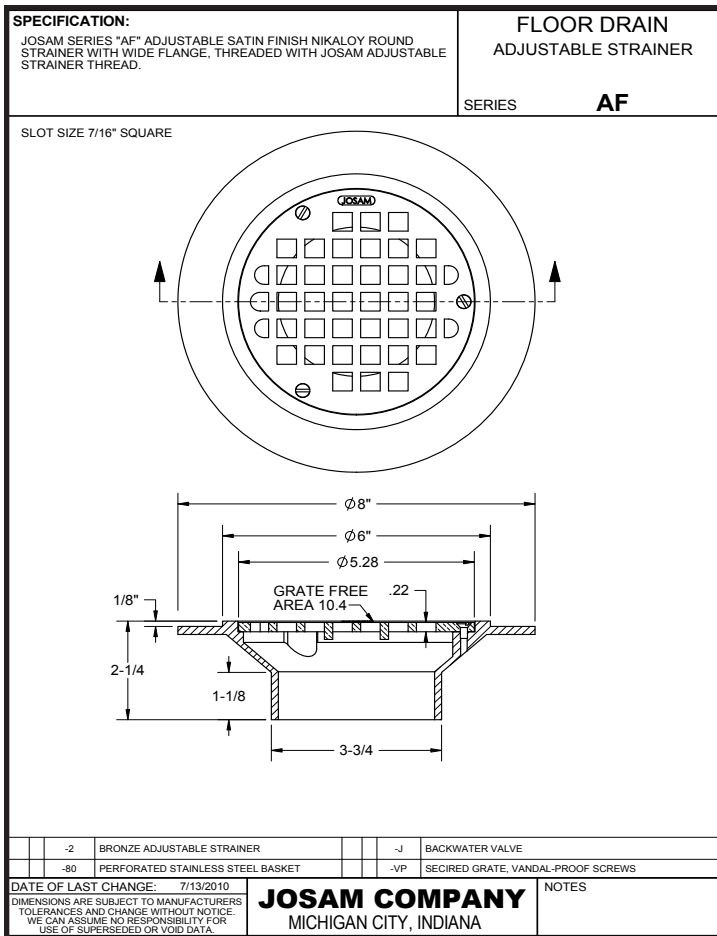
DATE OF LAST CHANGE: 10/08/2013

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NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov



SPECIFICATION:

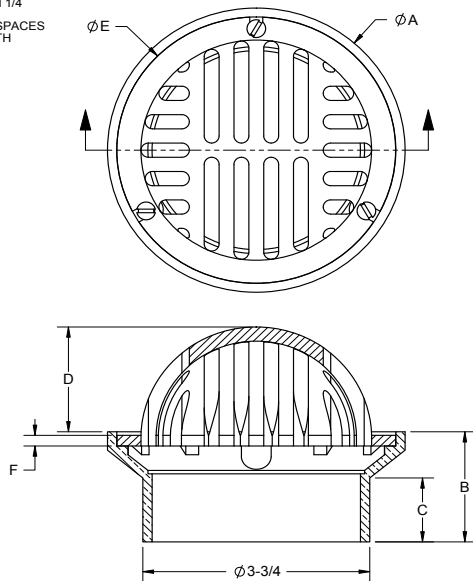
JOSAM SERIES "D" ADJUSTABLE SATIN FINISH NIKALOY ROUND DOMED STRAINER, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES

D

SLOT WIDTH 1/4"

ALL RIBS & SPACES
EQUAL WIDTH

TYPE NO.	A	B	C	D	E	F	FREE AREA	LBS.
5D	5	1-7/8	1	1-7/8	4-3/4	3/16	8.1	2
6D	6	2-1/4	1	1-3/4	5-1/4	7/32	8.1	3

-2	BRONZE ADJUSTABLE STRAINER	-J	BACKWATER VALVE
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 7/14/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

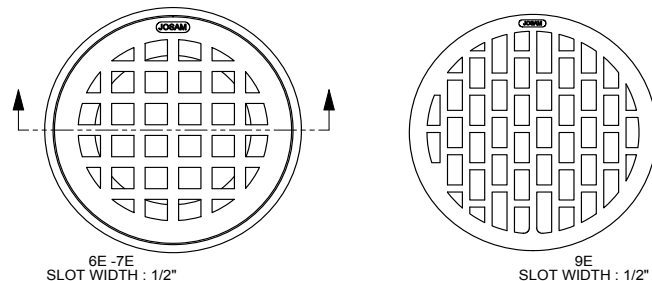
NOTES

SPECIFICATION:

JOSAM SERIES "E" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH TRACTOR GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES

E6E-7E
SLOT WIDTH : 1/2"9E
SLOT WIDTH : 1/2"

TYPE No.	A	B	C	D	E	F	FREE AREA	LBS.
6E	6	3-3/8	1	5-1/4	1/4	1-1/4	6.7	5
7E	7	3	1-1/8	6-1/2	5/16	15/16	12.0	6
9E	9	3-1/8	7/8	8-1/4	5/16	1 7/16	21.2	11

OPTIONS:

-2	BRONZE ADJUSTABLE STRAINER	-J	BACKWATER VALVE
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-93	CAST IRON STRAINER (7E ONLY)	-SS	STAINLESS STEEL (AVAILABLE FOR 6E OR 7E)

DATE OF LAST CHANGE: 04/23/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



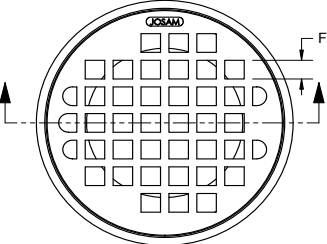
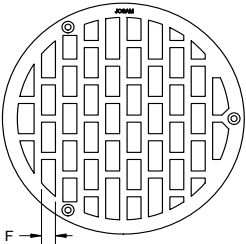
WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

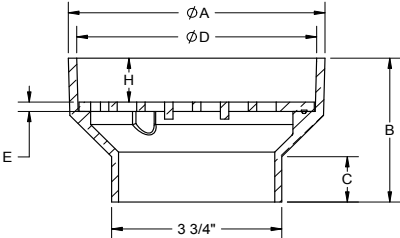
JOSAM SERIES "E1" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH EXTENDED RIM, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

SERIES **E1**

6E1 - 7E1 9E1



	TYPE No.	A	B	C	D	E	F	H	FREE AREA	LBS.
	6E1	5-3/4	3-3/8	1	1-1/4	7/32	7/16	1-1/4	4	5
	7E1	7-1/8	3	1-1/8	6-3/8	7/32	3/8	1	8.2	7
	9E1	8-7/8	3-1/8	7/8	8-3/8	9/32	1/2	1-1/2	21.2	9

	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

JOSAM COMPANY
MICHIGAN CITY, INDIANA

DATE OF LAST CHANGE: 07/12/10

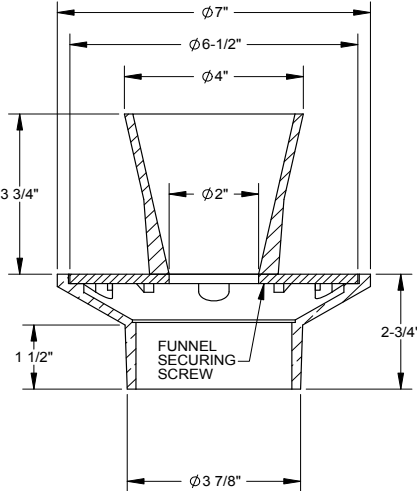
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

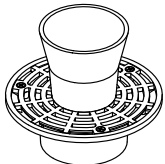
SPECIFICATION:

JOSAM SERIES "E2" ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO® STRAINER WITH SECURED ROUND FUNNEL, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

SERIES **E2**





	STRAINER	FREE AREA			
X	7E2	3.3			
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

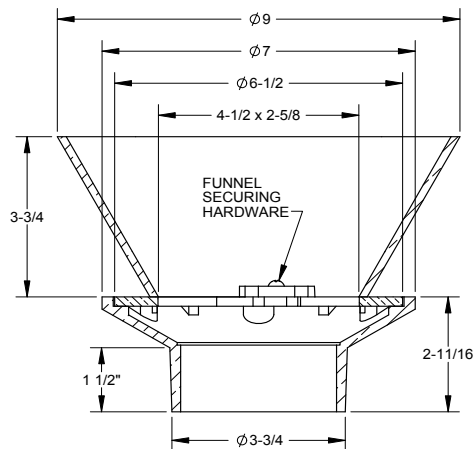
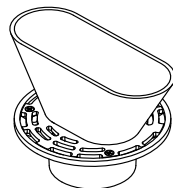
NOTES

SPECIFICATION:

JOSAM SERIES "E3" ADJUSTABLE SATIN FINISH NIKALOY ROUND SUPER-FLO® STRAINER WITH SECURED OVAL FUNNEL, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **E3**



X	-7E3	STRAINER			
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

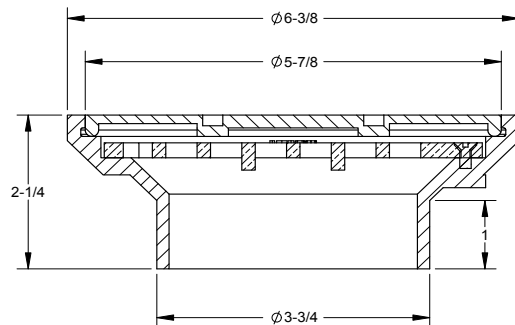
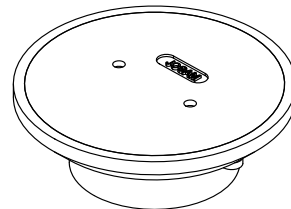
NOTES

SPECIFICATION:

JOSAM SERIES "F" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH SOLID THREADED COVER AND INTERNAL GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **F**



	STRAINER	FREE AREA			
X	-6F	6.2			
	-2	BRONZE ADJUSTABLE STRAINER		-80	PERFORATED STAINLESS STEEL BASKET
	-63	SPANNER WRENCH		-J	BACKWATER VALVE

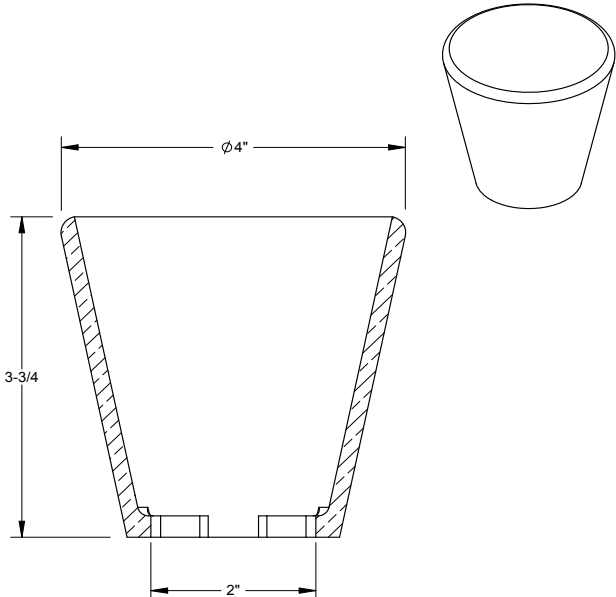
DATE OF LAST CHANGE: 04/23/15

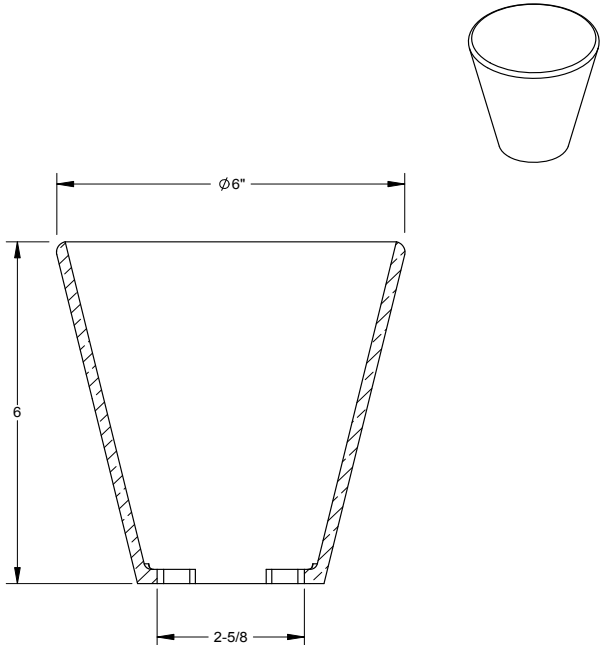
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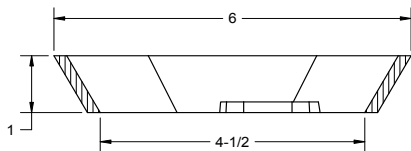
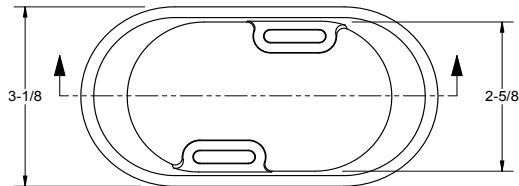
SPECIFICATION: JOSAM SERIES "F4" SATIN FINISH NIKALOY ROUND FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS (SCREWS NOT SHOWN)	FLOOR DRAIN FUNNEL SERIES F4									
										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"></td> <td style="width: 30px; text-align: center;">-2</td> <td>SATIN FINISH BRONZE</td> </tr> <tr> <td></td> <td style="text-align: center;">-92</td> <td>GALVANIZED CAST IRON</td> </tr> <tr> <td></td> <td style="text-align: center;">-93</td> <td>CAST IRON</td> </tr> </table>		-2	SATIN FINISH BRONZE		-92	GALVANIZED CAST IRON		-93	CAST IRON	NOTES
	-2	SATIN FINISH BRONZE								
	-92	GALVANIZED CAST IRON								
	-93	CAST IRON								
DATE OF LAST CHANGE: 04/23/15 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>										
JOSAM COMPANY MICHIGAN CITY, INDIANA										

SPECIFICATION: JOSAM SERIES "F6" SATIN FINISH NIKALOY ROUND FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS (SCREWS NOT SHOWN)	FLOOR DRAIN FUNNEL SERIES F6									
										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"></td> <td style="width: 30px; text-align: center;">-2</td> <td>SATIN FINISH BRONZE</td> </tr> <tr> <td></td> <td style="text-align: center;">-92</td> <td>GALVANIZED CAST IRON</td> </tr> <tr> <td></td> <td style="text-align: center;">-93</td> <td>CAST IRON</td> </tr> </table>		-2	SATIN FINISH BRONZE		-92	GALVANIZED CAST IRON		-93	CAST IRON	NOTES
	-2	SATIN FINISH BRONZE								
	-92	GALVANIZED CAST IRON								
	-93	CAST IRON								
DATE OF LAST CHANGE: 04/23/15 <small>DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.</small>										
JOSAM COMPANY MICHIGAN CITY, INDIANA										

SPECIFICATION:

JOSAM SERIES "F8" SATIN FINISH NIKALOY OVAL FUNNEL FOR ATTACHMENT TO ANY FLAT GRGATE BY SECURING SCREWS. (SCREWS NOT SHOWN)

**FLOOR DRAIN
FUNNEL**

 SERIES **F8**


	-2	SATIN FINISH BRONZE							
	-92	GALVANIZED CAST IRON							
	-93	CAST IRON							

DATE OF LAST CHANGE: 7/20/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

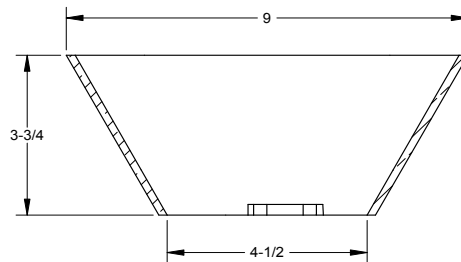
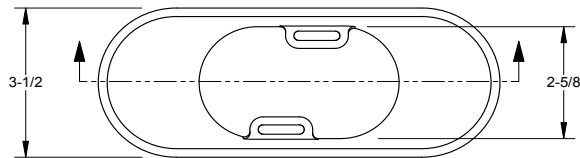
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM SERIES "F9" SATIN FINISH NIKALOY OVAL FUNNEL FOR ATTACHMENT TO ANY FLAT GRATE BY SECURING SCREWS. (SCREWS NOT SHOWN)

**FLOOR DRAIN
FUNNEL**

 SERIES **F9**


	-2	SATIN FINISH BRONZE							
	-92	GALVANIZED CAST IRON							
	-93	CAST IRON							

DATE OF LAST CHANGE: 7/21/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

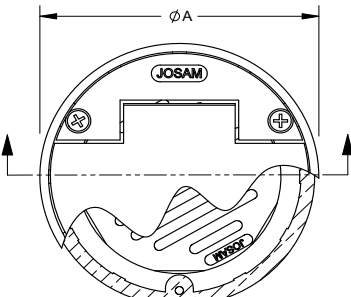
SPECIFICATION:

JOSAM SERIES G ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH SOLID HINGED COVER AND INTERNAL STRAINER GRATE THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD

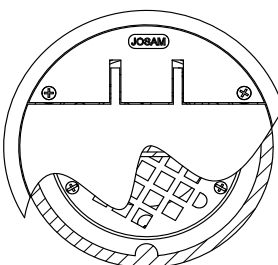
FLOOR DRAIN

ROUND NIKALOY STRAINER WITH SOLID HINGED COVER

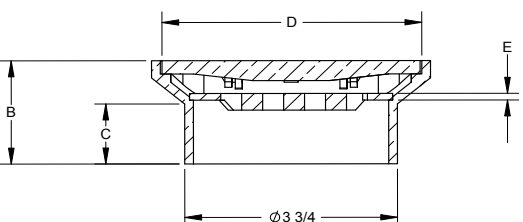
SERIES **G**



TYPE NO.	5G	6G	7G
SLOTS WIDTH	3/16	3/16	5/16



TYPE NO.	8G
SLOTS WIDTH	7/16



	-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	E	FREE AREA
	-J	BACKWATER VALVE			-5G	5	2	1-1/8	4-5/8	1/4	4.1
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-6G	6	2-1/4	15/16	5-1/4	3/16	4.5
					-7G	7	3-1/4	2	6-1/2	3/16	5.7
					-8G	8	3-1/4	1-1/8	7-1/8	7/32	7.8

DATE OF LAST CHANGE: 7/26/2010

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY

MICHIGAN CITY, INDIANA

NOTES


SPECIFICATION:

JOSAM SERIES "H" ADJUSTABLE SATIN FINISH NIKALOY ROUND STRAINER WITH HINGED GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.


FLOOR DRAIN

ADJUSTABLE STRAINER


SERIES **H**




5H
SLOT WIDTH: 5/16"



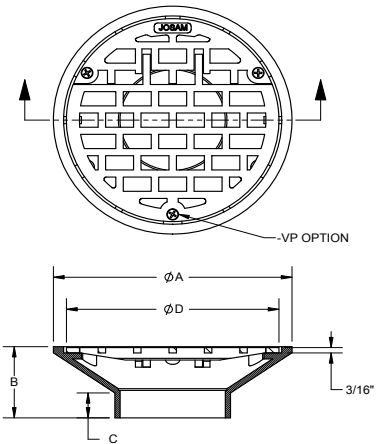
6H
SLOT WIDTH: 7/16" x 7/16"



7H
SLOT WIDTH: 1/2" x 1"



8H
SLOT WIDTH: 1/2" x 1"
(-VP OPTION SHOWN)



OPTIONS:

	-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	FREE AREA
	-J	BACKWATER VALVE			-5H	5	2	1-1/8	4-5/8	6.0
					-6H	6	2-1/4	1-1/8	5-1/4	7.8
	-80	PERFORATED STAINLESS STEEL BASKET			-7H	7	2-1/8	1	6-1/2	12.2
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-8H	8	2-1/2	1	7-1/8	16.1

DATE OF LAST CHANGE: 11/20/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY

MICHIGAN CITY, INDIANA

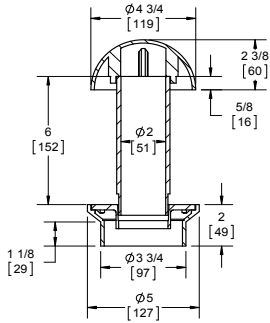
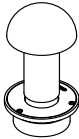
NOTES

SPECIFICATION:

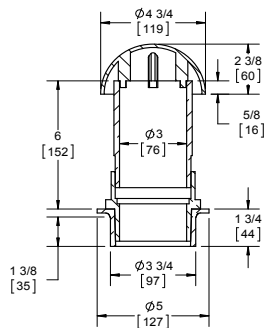
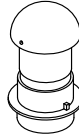
JOSAM SERIES M CHROME-PLATED 6" HIGH STANDPIPE WITH DOME THREADED INTO SATIN NIKALOY ADJUSTABLE COLLAR, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STANDPIPE**
SERIES M

□ 2M



□ 3M



-2	BRONZE ADJUSTABLE STRAINER
-24	LESS DOME
-PF	PERFORATED STANDPIPE

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

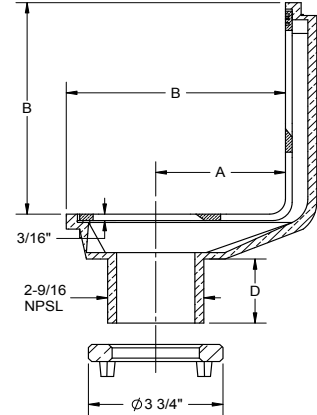
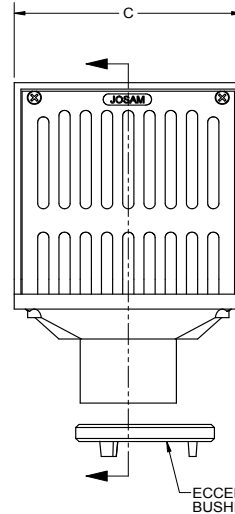
NOTES

SPECIFICATION:

JOSAM SERIES "P" ADJUSTABLE SATIN FINISH NIKALOY ANGLE STRAINER WITH ANGLE BODY AND GRATE, AND ECCENTRIC BUSHING, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**
SERIES P

SLOT WIDTHS 9/32"



		-2	BRONZE ADJUSTABLE STRAINER			STRAINER	A	B	C	D	FREE AREA
		-80	PERFORATED STAINLESS STEEL BASKET			-4P	2-1/4	3-1/4	4-1/4	1	8.9
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS			-6P	3-1/8	6-1/8	6-1/4	1-1/2	18.7

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

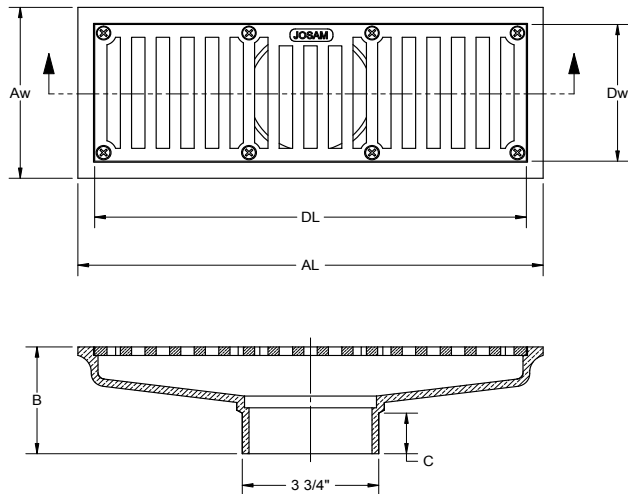
⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM SERIES "R" ADJUSTABLE SATIN FINISH NIKALOY RECTANGULAR STRAINER, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD

**FLOOR DRAIN
ADJUSTABLE STRAINER**

SERIES **R**



-2	BRONZE ADJUSTABLE STRAINER
-80	PERFORATED STAINLESS STEEL BASKET
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF

	STRAINER	AL	Aw	B	C	DL	Dw	FREE AREA
	-5R	9	5	3-1/4	1-1/8	8-3/8	4-3/8	14.9
	-6R	13	5	3-1/4	1-3/8	12	4	20.0
	-7R	17	5	3-1/4	1-3/8	16-1/4	4-3/8	22.4
	-8R	21	5	3-1/4	1-1/4	20-3/8	4-3/8	47.0

DATE OF LAST CHANGE: 05/04/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

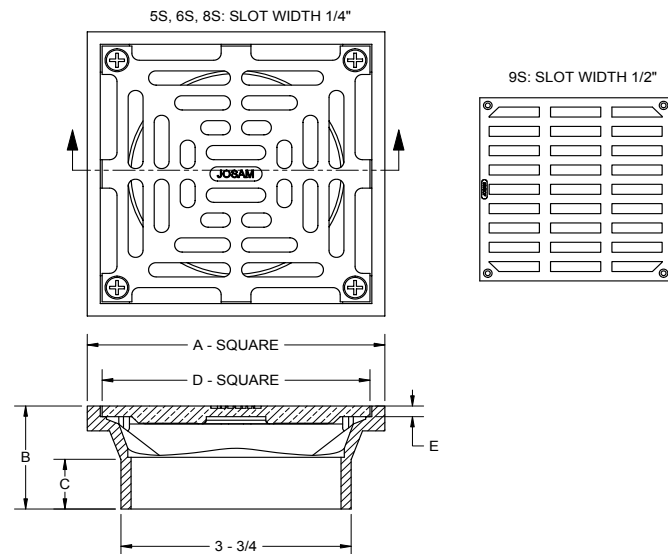
NOTES

SPECIFICATION:

JOSAM SERIES "S" ADJUSTABLE SATIN FINISH NIKALOY SQUARE "SUPER - FLO" STRAINER THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

**FLOOR DRAIN
ADJUSTABLE STRAINER**

SERIES **S**



	STRAINER	A	B	C	D	E	FREE AREA
	-5S	5	1-3/4	7/8	4-1/2	3/16	9.1
	-6S	6	2-1/8	1	5-5/8	3/16	13.8
	-8S	8	2-3/8	1	7-1/2	3/16	24.5
	-9S*	9	2-3/8	1	8-5/8	7/32	28.0

* NOT "SUPER - FLO" ® DESIGN

	-SS	STAINLESS STEEL (5S, 6S, 7S, & 8S)		-CP	CHROME PLATED STRAINER (5S & 6S)
	-2	BRONZE ADJUSTABLE STRAINER		-J	BACKWATER VALVE
	-80	PERFORATED STAINLESS STEEL BASKET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 10/14/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

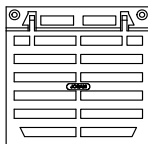
SPECIFICATION:

JOSAM SERIES "T" ADJUSTABLE SATIN FINISH NIKALOY SQUARE STRAINER WITH HINGED GRATE, THREADED WITH JOSAM ADJUSTABLE STRAINER THREAD.

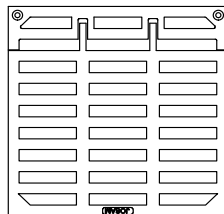
FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **T**

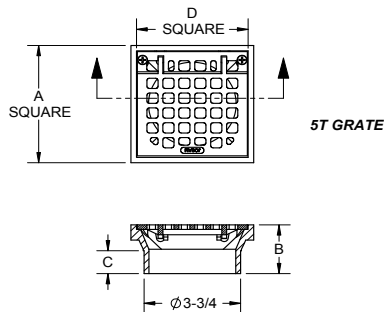
OPENING SIZE 7/16"



6T GRATE



9T GRATE

**OPTIONS:**

-2	BRONZE ADJUSTABLE STRAINER							
-80	PERFORATED STAINLESS STEEL BASKET							
-J	BACKWATER VALVE							
-SC	SOLID COVER (6T ONLY) (WAS -Q166)							
-VP	SECURED GRATE, VANDAL-PROOF SCREWS							
-SS	STAINLESS STEEL (6T-SC ONLY)							

DATE OF LAST CHANGE: 01/11/2013

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

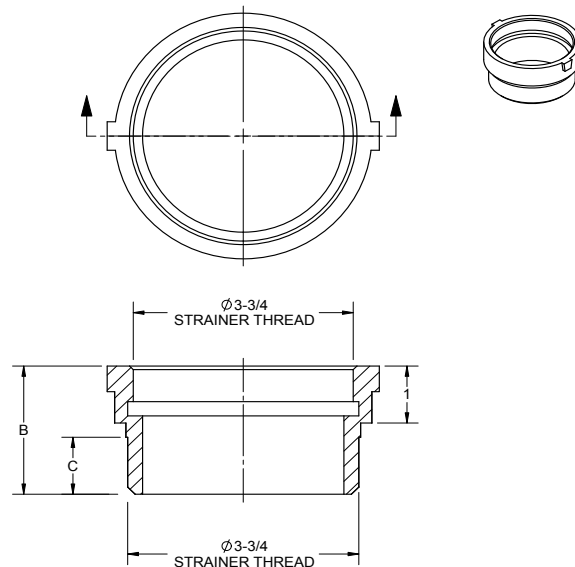
NOTES

SPECIFICATION:

JOSAM "W" SERIES STRAINER EXTENSION, USED TO EXTEND AN ADJUSTABLE STRAINER TO BE RAISED TO ACCOMMODATE DEEPER FLOOR FILL.

STRAINER EXTENSION ADJUSTABLE STRAINER

SERIES **W**



	PART NO.	DIM "B"	DIM "C"	LBS.
	2W	2-1/4	1	1.55
	4W	4-1/8	2-5/8	2.55
	6W	6	4-5/8	3.75

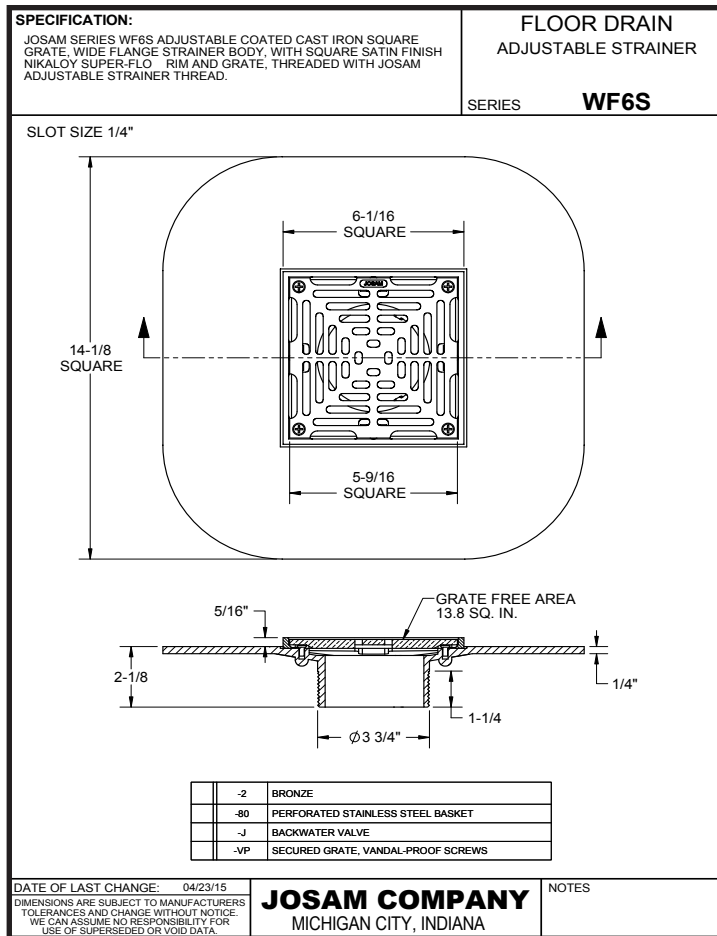
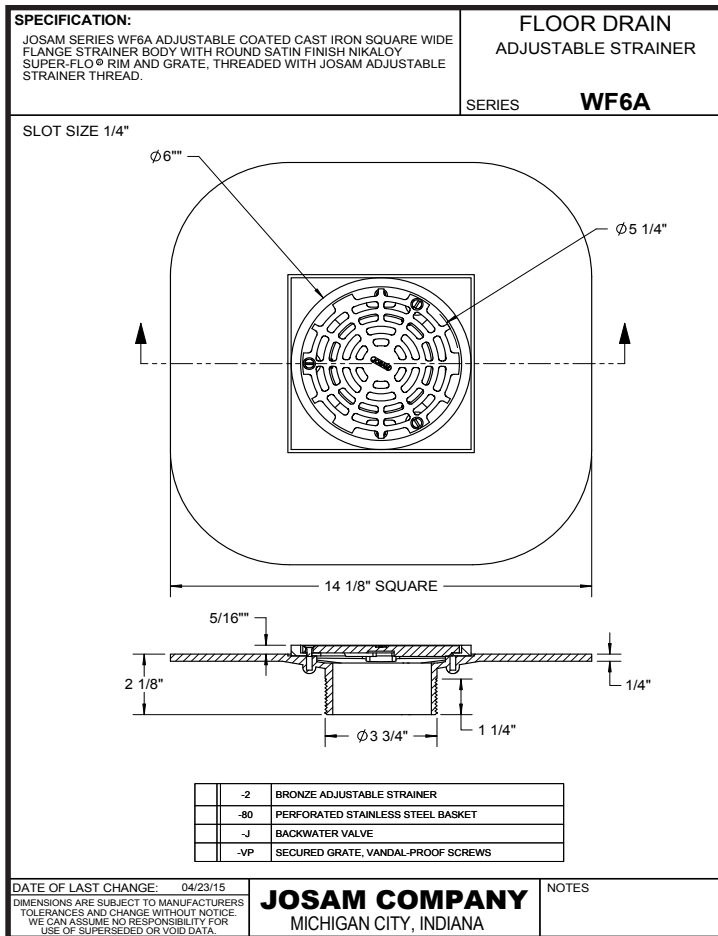
DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

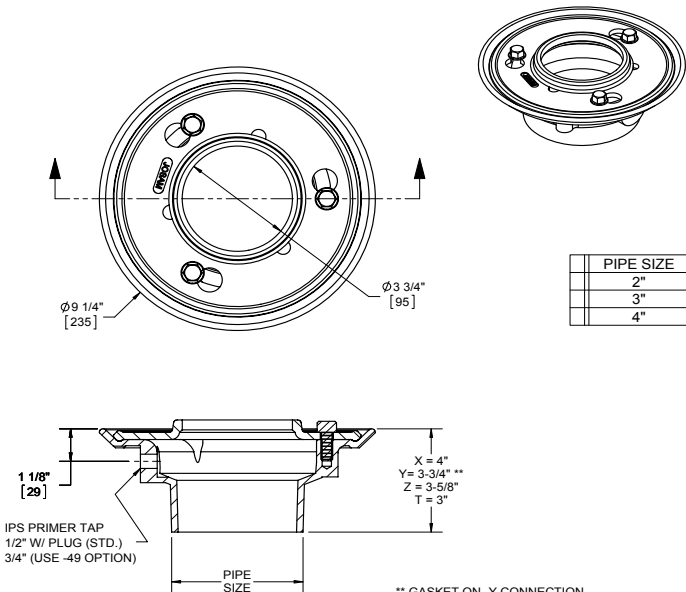


SPECIFICATION:

JOSAM 30000 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, BOTTOM OUTLET CONNECTION, WEJLOC INVERTIBLE FLASHING COLLAR, WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER.

FLOOR DRAIN BODY ONLY

SERIES **30000**



-TSO	THREADED SIDE OUTLET*
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)*
-PD	PRISON DRAIN (2" AND 3" ONLY)*
-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP

-91	ROUGH BRONZE BODY
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET**
-Z	NO-HUB SPIGOT OUTLET

*SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

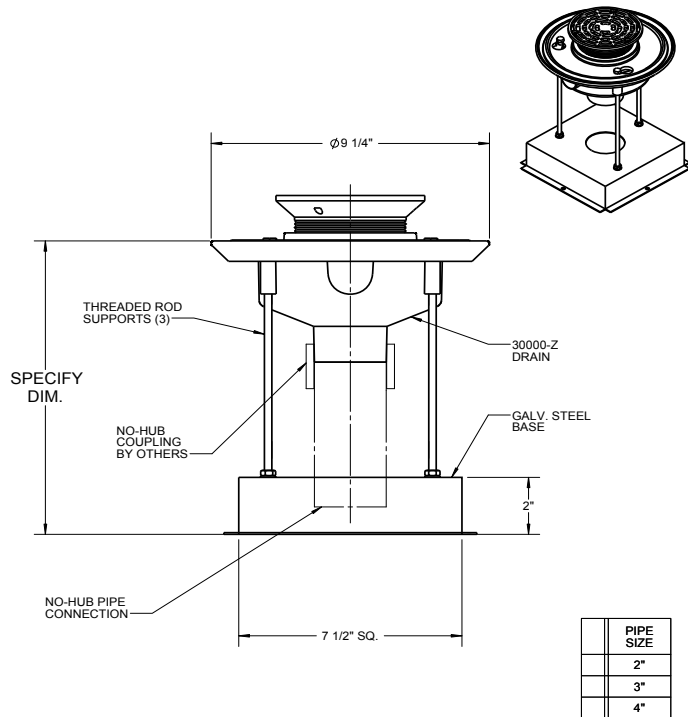
NOTES

SPECIFICATION:

30000-PFB SERIES FLOOR DRAIN ASSEMBLY, GALVANIZED STEEL DRAIN BASE AND 2-PIECE COATED CAST IRON BODY, DOUBLE DRAINAGE FLANGE, WEJLOC FLASHING COLLAR WITH WEEPHOLES THREADED TO RECEIVE ADJUSTABLE STRAINER, NO-HUB BOTTOM OUTLET AND THREADED ROD AND HARDWARE FOR HEIGHT ADJUSTMENT.

FLOOR DRAIN ADJUSTABLE BASE

SERIES **30000-PFB**



DATE OF LAST CHANGE: 05/04/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

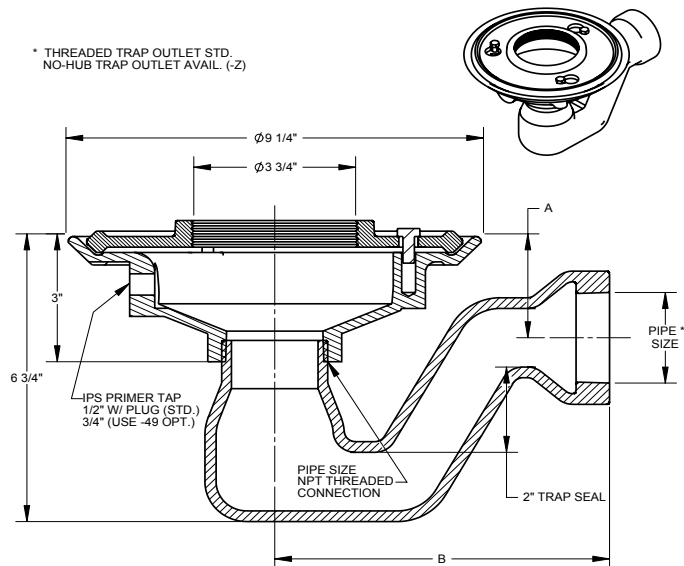
SPECIFICATION:

JOSAM SERIES 30000-ST COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE CLAMP COLLAR THREADED FOR JOSAM ADJUSTABLE STRAINERS WITH SIDE OUTLET SHALLOW TRAP.

**FLOOR DRAIN
WITH SHALLOW TRAP**

SERIES **30000-ST**

* THREADED TRAP OUTLET STD.
NO-HUB TRAP OUTLET AVAIL. (-Z)



MODEL	PIPE SIZE	A	B
30002-ST	2	2-1/2"	7-1/2"
30002-ST-Z	2	2-1/2"	8"
30003-ST	3	2-1/4"	9-7/8"
30003-ST-Z	3	2-1/4"	10-1/4"

OPTIONS

-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP
-92	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SIDE OUTLET TRAP

DATE OF LAST CHANGE: 06/18/08

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

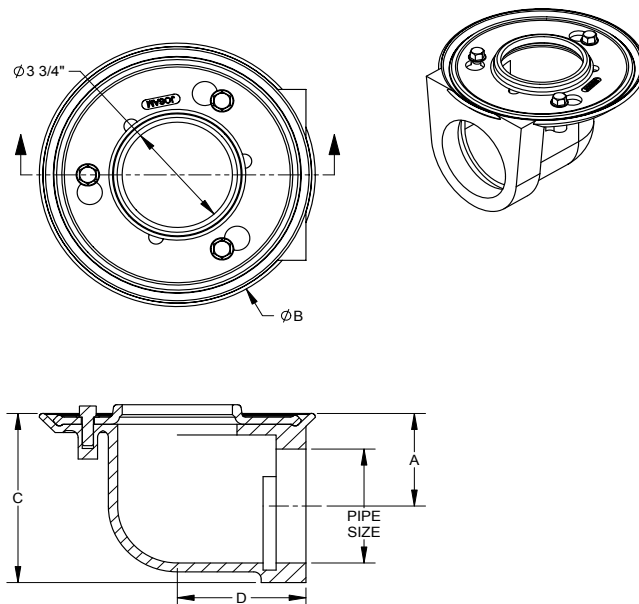
NOTES

SPECIFICATION:

JOSAM 30000-TSO SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC®NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER.

**FLOOR DRAIN
BODY ONLY**

SERIES **30000-TSO**



X	-TSO	THREADED SIDE OUTLET
	-ARE	ACID-RESISTING EPOXY
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-92	GALVANIZED CAST IRON PARTS

PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

DATE OF LAST CHANGE: 04/23/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

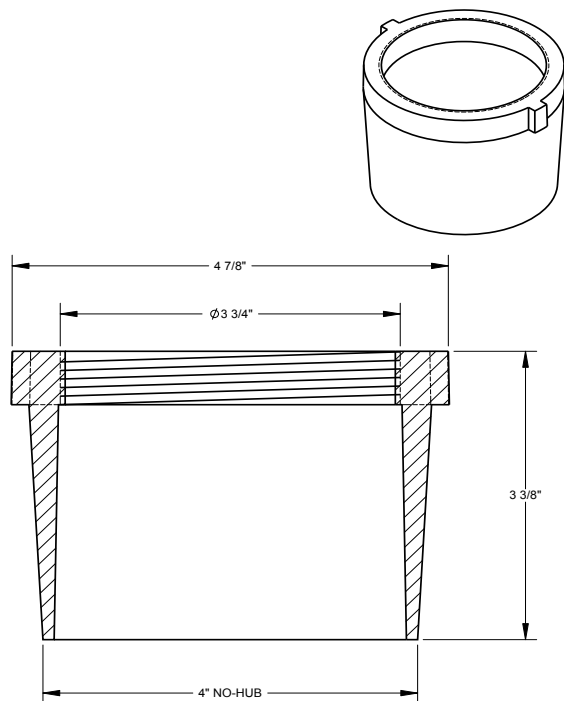
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 30304-Z SERIES COATED CAST IRON BODY THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINERS, NO-HUB BOTTOM OUTLET

FLOOR DRAIN
NO-HUB BODY 4"

 SERIES **30304-Z**


DATE OF LAST CHANGE: 04/23/15

 DIMENSIONS ARE SUBJECT TO MANUFACTURERS
 TOLERANCES AND CHANGE WITHOUT NOTICE.
 WE CAN ASSUME NO RESPONSIBILITY FOR
 USE OF SUPERSEDED OR VOID DATA.

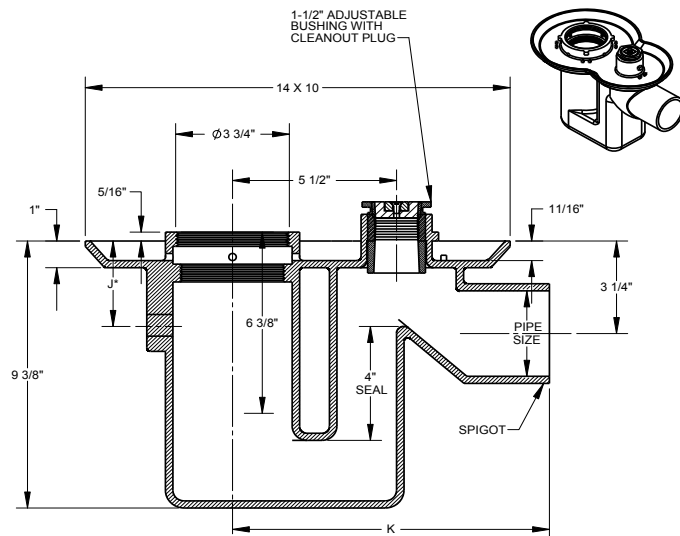
JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 30500 SERIES COATED CAST IRON COMBINED FLOOR DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLES, BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINERS.

FLOOR DRAIN
BODY ONLY

 SERIES **30500**

 * IPS PRIMER TAPPING (-49) & (-50)
 AUX. THREADED INLET (-51) & (-52)
OPTIONS

	MODEL	PIPE SIZE	J*	K
	30502	2"	3	14-1/8
	30503	3"	3-1/2	11
	30504	4"	4-1/8	11

	-C	BOLTED FLASHING CLAMP DEVICE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-51	1-1/2" THREADED AUXILIARY INLET
	-52	2" THREADED AUXILIARY INLET
	-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/23/15

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 TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
 MICHIGAN CITY, INDIANA

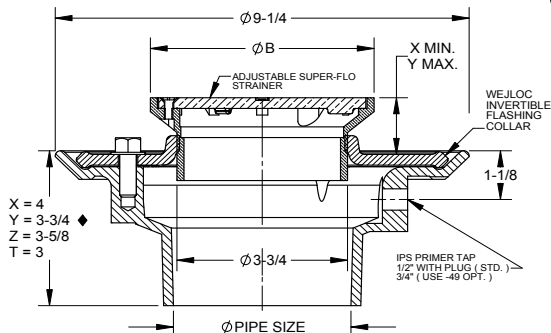
NOTES

SPECIFICATION:

JOSAM SERIES 30000-A CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEILOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND SUPER-FLO STRAINER.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES **30000-A**



STRAINER	DIA. B	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2
-9A	9	1-1/8	2-1/4	21.1
-10A	10	1-1/8	2-3/8	28.0

SLOT WIDTH 1/4" (5" THRU 8" TOPS)

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

■ NOT SUPER-FLO DESIGN, 1" x 1/2" OPENINGS

▼ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

2"	PIPE SIZE	▼	-J	BACKWATER VALVE
3"	PIPE SIZE	▼	-PD	PRISON DRAIN (2" & 3" SIZES ONLY)
4"	PIPE SIZE	▼	-SS	STAINLESS STEEL
		▼	-ST	WITH SHALLOW TRAP (2" & 3" SIZES ONLY)
-2	BRONZE ADJUSTABLE STRAINER	▼	-TSO	THREADED SIDE OUTLET
-49	3/4" PRIMER TAP	▼	-VP	SECURED GRATE
-80	PERFORATED STAINLESS STEEL BASKET		-T	THREADED OUTLET
-91	ROUGH BRONZE BODY		-X	INSIDE CAULK OUTLET
-92	GALVANIZED CAST IRON PARTS		-Y	HUB OUTLET WITH GASKET ◆
			-Z	NO-HUB SPIGOT OUTLET
-ARE	ACID-RESISTING EPOXY			
-CP	CHROME PLATED STRAINER (5A & 6A)			

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

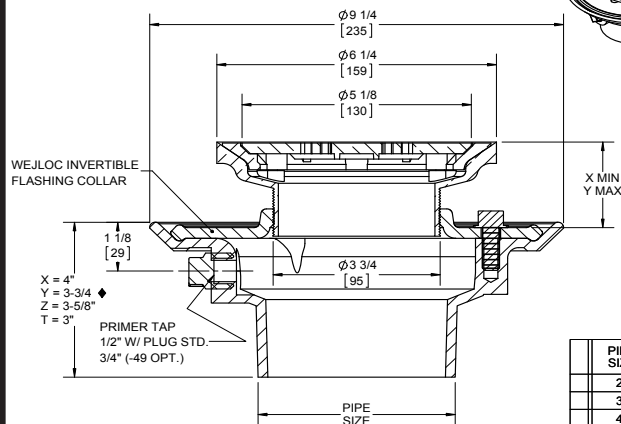
NOTES

SPECIFICATION:

JOSAM 30000-6AD SERIES CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, NIKALOY 6" ADJUSTABLE ROUND STRAINER WITH CLAMPING COLLAR TO SECURE FLASHING OR WATER PROOFING AT FINISHED FLOOR.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES **30000-6AD**



TYPE	X	Y	FREE AREA
30000-6AD	1-1/8	2-3/4	10.4

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-2	BRONZE ADJ. STRAINER
-49	3/4" PRIMER TAP
-66	NO-HUB SIDE OUTLET
-80	PERFORATED SS BASKET
-92	GALVANIZED CAST IRON PARTS

-VP	SECURED GRATE, VP SCREWS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET ◆
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

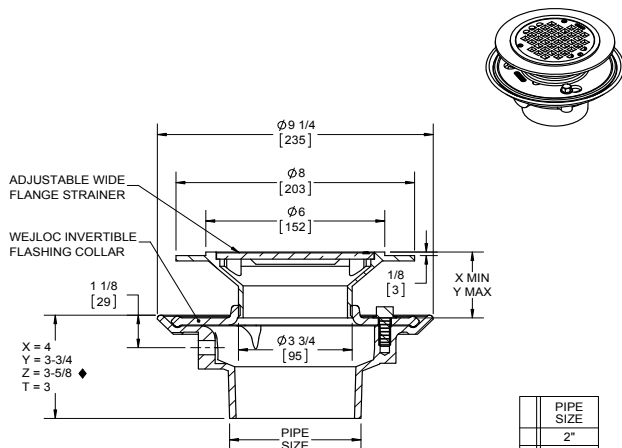
NOTES

SPECIFICATION:

JOSAM SERIES 30000-AF CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH TILE FLANGE.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-AF**



PIPE SIZE
2"
3"
4"

STRAINER	X	Y	FREE AREA
-6AF	1-1/4	2-3/8	10.4

◆ GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

-2	BRONZE ADJUSTABLE STRAINER	-ST	WITH SHALLOW TRAP (2" & 3" SIZES ONLY)
-49	3/4" PRIMER TAP	-TSO	THREADED SIDE OUTLET
-80	PERFORATED STAINLESS STEEL BASKET	-VP	SECURED GRATE
-91	ROUGH BRONZE BODY		
-92	GALVANIZED CAST IRON PARTS	-T	THREADED OUTLET
-J	BACKWATER VALVE	-X	INSIDE CAULK OUTLET
-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET ◆
-PD	PRISON DRAIN (2" AND 3" SIZES ONLY)	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

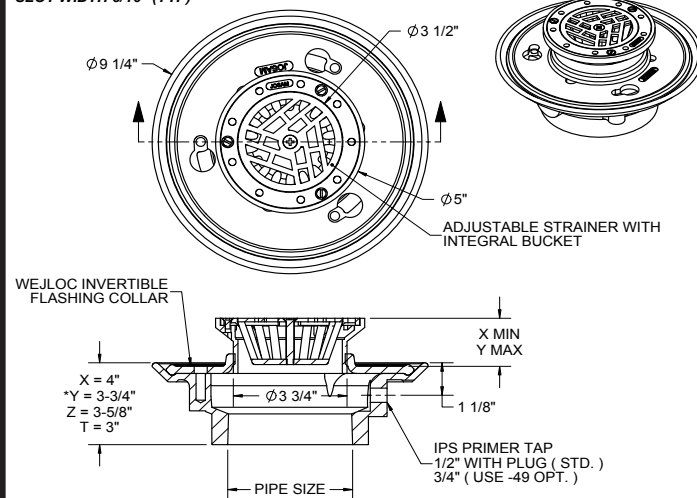
SPECIFICATION:

JOSAM SERIES 30000-C CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND "C" SERIES NON-CLOG STRAINER WITH BUCKET.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-C**

SLOT WIDTH 5/16" (TYP)



STRAINER	X	Y	FREE AREA
-5C	3/4	1-7/8	4.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2"	PIPE SIZE	-91	ROUGH BRONZE BODY
3"	PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
4"	PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-TSO	THREADED SIDE OUTLET		
-ST	WITH SHALLOW TRAP (2" AND 3" ONLY)	-T	THREADED OUTLET
-PD	PRISON DRAIN (2" AND 3" ONLY)	-X	INSIDE CAULK OUTLET
-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET*
-49	3/4" PRIMER TAP	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/2014

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

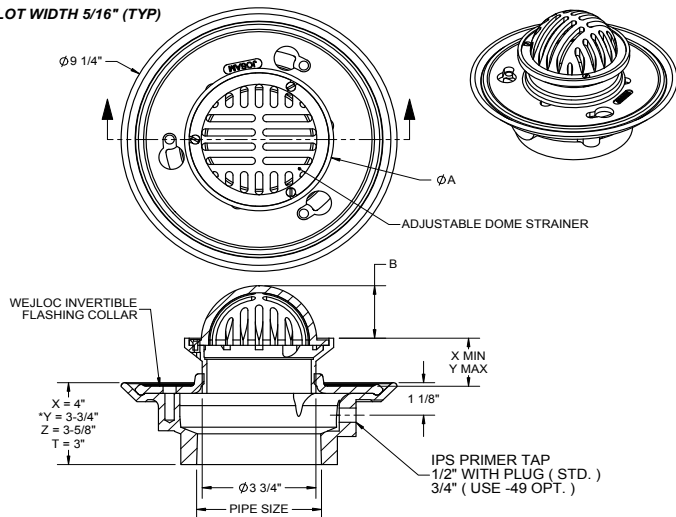
SPECIFICATION:

JOSAM SERIES 30000-D CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE DOME STRAINER.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES **30000-D**

SLOT WIDTH 5/16" (TYP)



STRAINER	A	B	X	Y	FREE AREA
-5D	5	1-7/8	3/4	2-1/8	8.1
-6D	6	1-3/4	1-1/4	2-3/8	8.1

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92	GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80	PERFORATED STAINLESS STEEL BASKET
	-CP	CHROME PLATED STRAINER
-TSO THREADED SIDE OUTLET	-J	BACKWATER VALVE
-WT WITH TRAP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN	-T	THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X	INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y	HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/2014
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

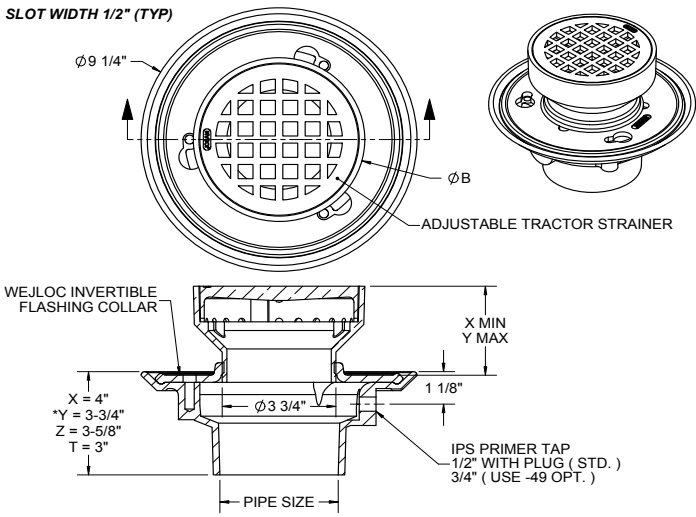
SPECIFICATION:

JOSAM SERIES 30000-E CAST IRON FLOOR DRAIN. TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH TRACTOR GRATE.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES **30000-E**

SLOT WIDTH 1/2" (TYP)



STRAINER	B	X	Y	FREE AREA
-6E	6	2-1/4	3-1/2	6.7
-7E	7	1-7/8	3-1/8	12.0
-9E	9	2-1/4	3-3/8	21.2

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-93	CAST IRON STRAINER (7E ONLY)
3" PIPE SIZE	-SS	STAINLESS STEEL TOP (6E OR 7E ONLY)
4" PIPE SIZE	-2	BRONZE ADJUSTABLE STRAINER
-TSO THREADED SIDE OUTLET	-80	PERFORATED STAINLESS STEEL BASKET
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-J	BACKWATER VALVE
-PD PRISON DRAIN (2" AND 3" ONLY)	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE ACID-RESISTING EPOXY	-T	THREADED OUTLET
-49 3/4" PRIMER TAP	-X	INSIDE CAULK OUTLET
-91 ROUGH BRONZE BODY	-Y	HUB OUTLET WITH GASKET*
-92 GALVANIZED CAST IRON PARTS	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 4/24/15
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

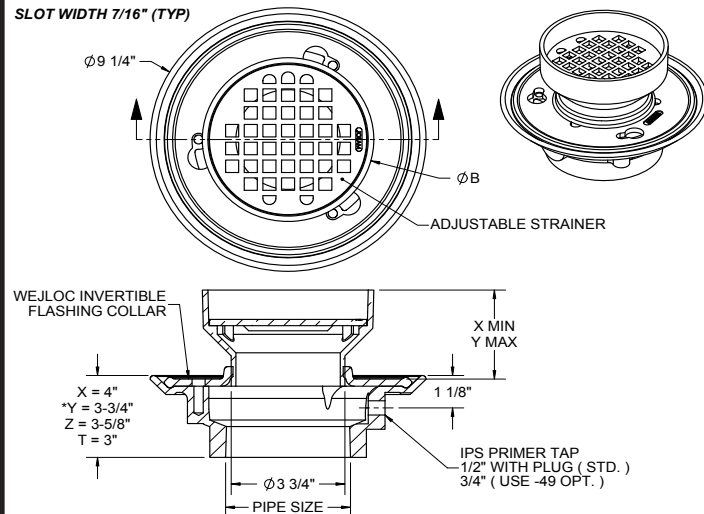
SPECIFICATION:

JOSAM SERIES 30000-E1 CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH EXTENDED RIM.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-E1**

SLOT WIDTH 7/16" (TYP)



STRAINER	B	X	Y	FREE AREA
-6E1	6	2-1/4	3-1/2	4.0
-7E1	7	1-7/8	3-1/8	8.2
-9E1	9	2-1/4	3-3/8	21.2

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92 GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
-TSO THREADED SIDE OUTLET	-J BACKWATER VALVE
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN (2" AND 3" ONLY)	-T THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

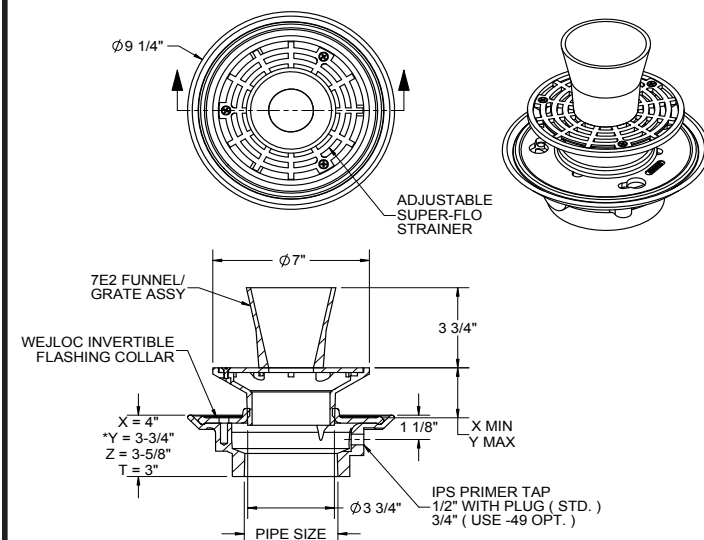
NOTES

SPECIFICATION:

JOSAM SERIES 30000-E2 CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP. WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH ROUND FUNNEL.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-E2**



STRAINER	X	Y	FREE AREA
-7E2	1	2-5/8	7.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92 GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
-TSO THREADED SIDE OUTLET	-J BACKWATER VALVE
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN (2" AND 3" ONLY)	-T THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

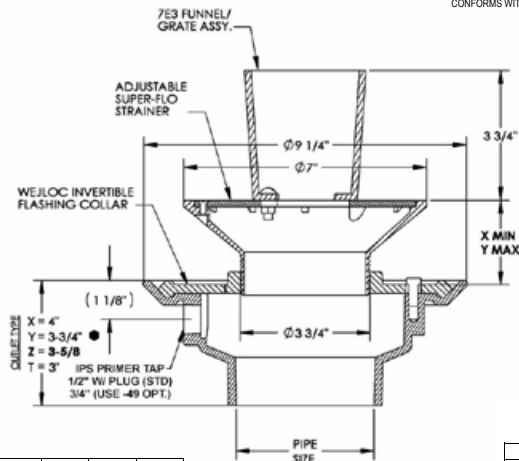
SPECIFICATION:

JOSAM 30000-E3 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH OVAL FUNNEL.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES 30000-E3

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	X	Y	FREE AREA
-7E3	1	2-5/8	18.25

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

A-13012-K

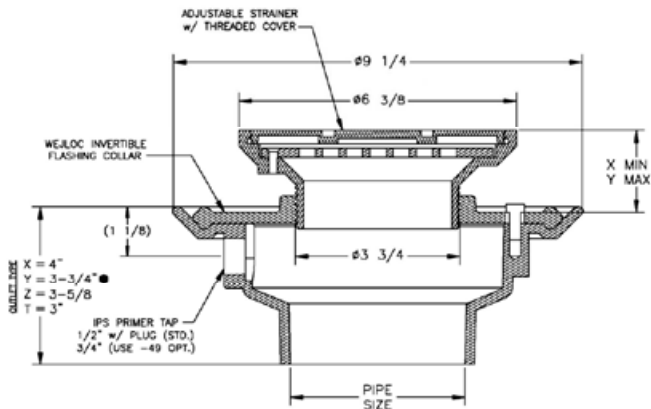
SPECIFICATION:

JOSAM 30000-F SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID THREADED COVER.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES 30000-F

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	X	Y	FREE AREA
-F	1 3/8	2 3/8	6.2

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS
- 2 BRONZE ADJUSTABLE STRAINER

- 63 SPANNER WRENCH
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

A-15600-K

SPECIFICATION:

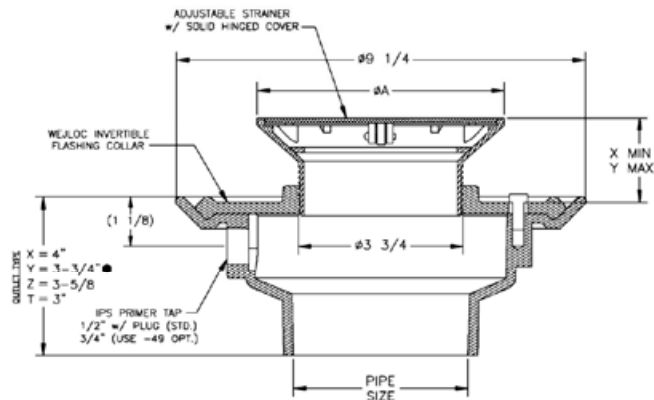
JOSAM 30000-G SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID HINGED COVER.

SERIES

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

30000-G

● GASKET ON-Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5G	5	1	2 1/8	4.1
-6G	6	1 3/8	2 3/8	4.5
-7G	7	1 3/8	3 3/8	5.7
-8G	8	2 1/4	3 3/8	7.8

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-15601-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

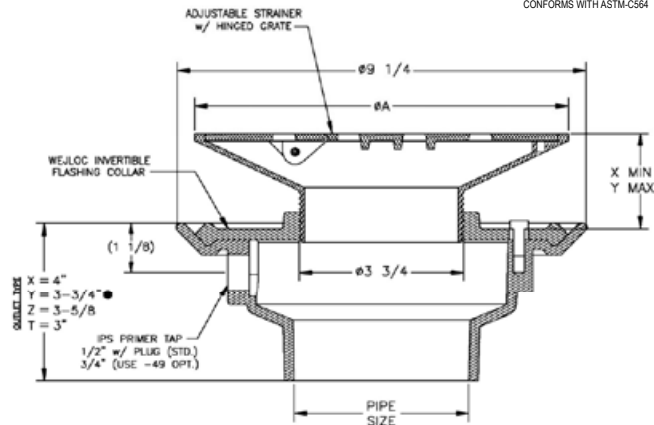
JOSAM 30000-H SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE ROUND STRAINER WITH SOLID HINGED GRATE.

SERIES

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

30000-H

● GASKET ON-Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5H	5	1	2 1/8	6.0
-6H	6	1 1/4	2 3/8	7.8
-7H	7	1 1/4	2 1/4	12.2
-8H	8	1 5/8	2 5/8	16.1

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

A-15602-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

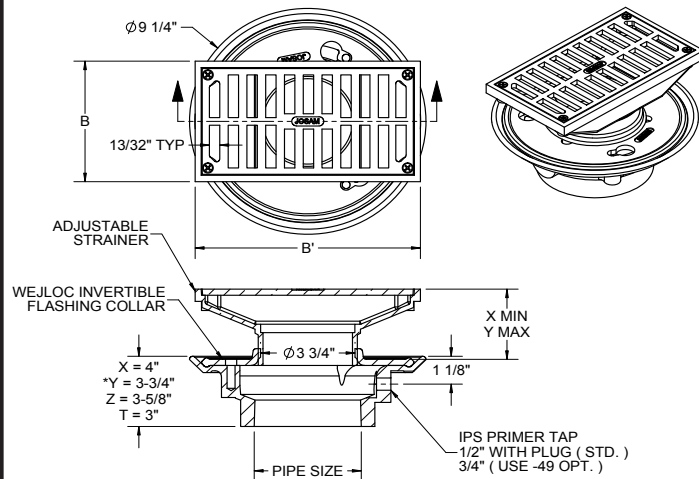
NOTES:

SPECIFICATION:

JOSAM SERIES 30000-R CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE RECTANGULAR STRAINER.

FLOOR DRAIN ADJUSTABLE FLOOR DRAIN

SERIES **30000-R**



STRAINER	BXB'	X	Y	FREE AREA
-5R	5X9	1-7/8	3-1/4	14.9
-6R	5X13	1-3/4	3-1/4	20.0
-7R	5X17	1-7/8	3-1/4	22.4
-8R	5X21	1-7/8	3-1/4	47.0

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-92 GALVANIZED CAST IRON PARTS
3" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
4" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
-TSO THREADED SIDE OUTLET	-J BACKWATER VALVE
-ST WITH SHALLOW TRAP (2" AND 3" ONLY)	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-PD PRISON DRAIN (2" AND 3" ONLY)	-T THREADED OUTLET
-ARE ACID-RESISTING EPOXY	-X INSIDE CAULK OUTLET
-49 3/4" PRIMER TAP	-Y HUB OUTLET WITH GASKET*
-91 ROUGH BRONZE BODY	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

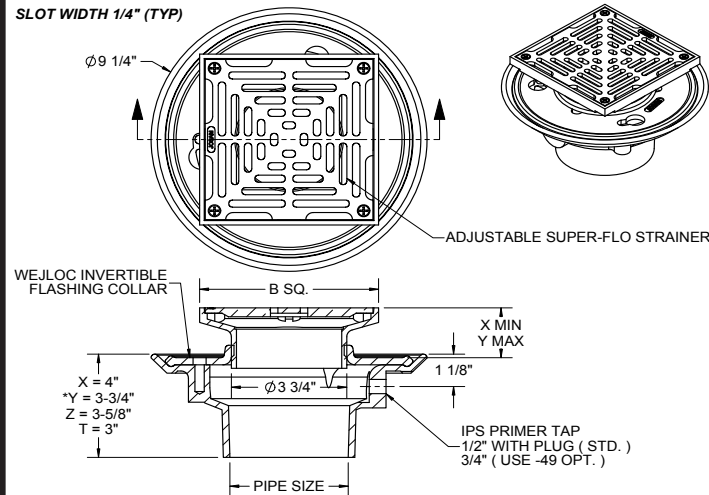
SPECIFICATION:

JOSAM SERIES 30000-S CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

FLOOR DRAIN ADJUSTABLE STRAINER

SERIES **30000-S**

SLOT WIDTH 1/4" (TYP)



STRAINER	B	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

*GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564

2" PIPE SIZE	-80 PERFORATED STAINLESS STEEL BASKET
3" PIPE SIZE	-SS STAINLESS STEEL TOP
4" PIPE SIZE	-2 BRONZE ADJUSTABLE STRAINER
-TSO THREADED SIDE OUTLET	-CP CHROME PLATED STRAINER
-WT WITH TRAP	-J BACKWATER VALVE
-PD PRISON DRAIN	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-ARE ACID-RESISTING EPOXY	-T THREADED OUTLET
-49 3/4" PRIMER TAP	-X INSIDE CAULK OUTLET
-91 ROUGH BRONZE BODY	-Y HUB OUTLET WITH GASKET*
-92 GALVANIZED CAST IRON PARTS	-Z NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

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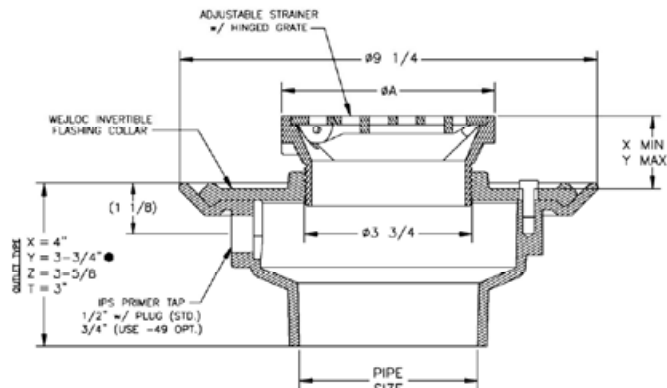
SPECIFICATION:

JOSAM 30000-T SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP, WEJLOC® INVERTIBLE FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION AND NIKALOY ADJUSTABLE SQUARE HINGED GRATE.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES 30000-T

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



STRAINER	A	X	Y	FREE AREA
-5T	4 7/8	1 1/4	2 1/8	6.5
-6T	6	1 3/8	2 1/8	8.3
-9T	9	1 1/2	2 1/2	28.6

PIPE SIZE
2"
3"
4"

- TSO THREADED SIDE OUTLET
- ST WITH SHALLOW TRAP (2" AND 3" ONLY)
- PD PRISON DRAIN (2" AND 3" ONLY)
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 91 ROUGH BRONZE BODY
- 92 GALVANIZED CAST IRON PARTS
- SC SOLID COVER (6T SIZE ONLY)

- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET
- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET
- Y HUB OUTLET WITH GASKET ●
- Z NO-HUB SPIGOT OUTLET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

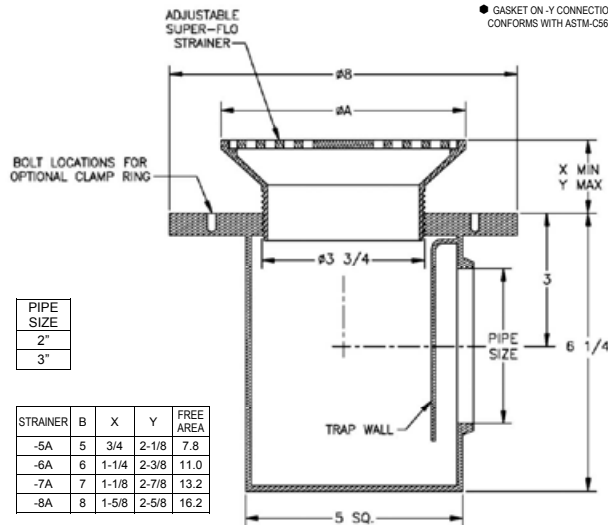
JOSAM 30000-PD-A SERIES GALVANIZED SECURITY FLOOR DRAIN, FLASHING FLANGE THREADED SIDE OUTLET CONNECTION, INTEGRAL TRAP WALL AND NIKALOY ADJUSTABLE ROUND SUPER-FLO® STRAINER.

**SECURITY FLOOR DRAIN
WITH INTEGRAL TRAP WALL**

SERIES 30000-PD-A

SLOT WIDTH 1/4"

● GASKET ON -Y CONNECTION
CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"

STRAINER	B	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2

- PD PRISON DRAIN
- 50 1/2" PRIMER TAP
- C BOLTED FLASHING CLAMP DEVICE
- T THREADED OUTLET
- CP CHROME PLATED STRAINER (5A OR 6A)

- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

A-15608-K

SPECIFICATION:

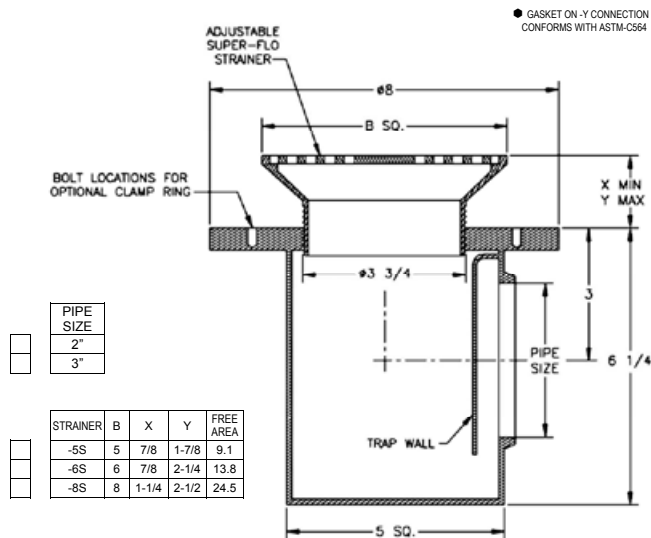
JOSAM 30000-PD-S SERIES GALVANIZED SECURITY FLOOR DRAIN, FLASHING FLANGE THREADED SIDE OUTLET CONNECTION, INTEGRAL TRAP WALL AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

SECURITY FLOOR DRAIN WITH INTEGRAL TRAP WALL

SERIES

30000-PD-S

SLOT WIDTH 1/4"



PIPE SIZE
2"
3"

STRAINER	B	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

- PD PRISON DRAIN
- 50 1/2" PRIMER TAP
- C BOLTED FLASHING CLAMP DEVICE
- T THREADED OUTLET
- CP CHROME PLATED STRAINER (5S OR 6S)

- J BACKWATER VALVE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

A-15609-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

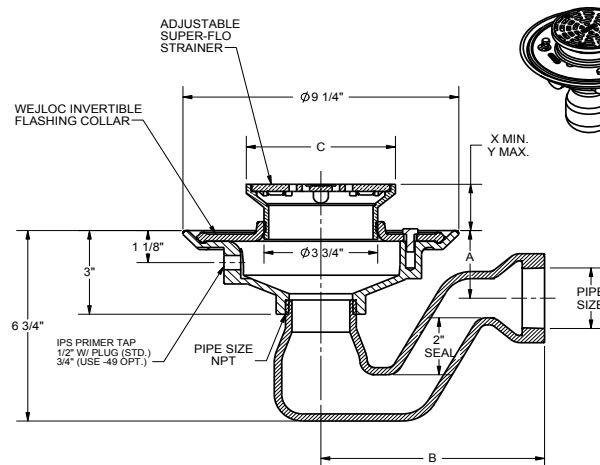
JOSAM 30000-ST-A SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, WEJLOC INVERTIBLE NON-PUNCTURING FLASHING COLLAR WITH WEEPHOLE AND JOSAM ADJUSTABLE ROUND NIKALOY STRAINER.

FLOOR DRAIN

SHALLOW TRAP,
ADJUSTABLE STRAINER

SERIES

30000-ST-A



	MODEL	PIPE SIZE	A	B	TRAP WIDTH
	30002-ST	2	2-1/2"	7-1/2"	3-1/8
	30002-ST-Z	2	2-1/2"	8"	3-1/8
	30003-ST	3	2-1/4"	9-7/8"	5-1/2
	30003-ST-Z	3	2-1/4"	10-1/4"	5-1/2

ADJUSTABLE STRAINERS				
TYPE NO.	C	X	Y	FREE AREA
5A	5	3/4	2-1/8	7.8
6A	6	1-1/4	2-3/8	11.0
7A	7	1-1/8	2-7/8	13.2
8A	8	1-5/8	2-5/8	16.2

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5A,6A)
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-49	3/4" PRIMER TAP
-92	GALVANIZED CAST IRON PARTS
-Z	NO-HUB SIDE OUTLET TRAP

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

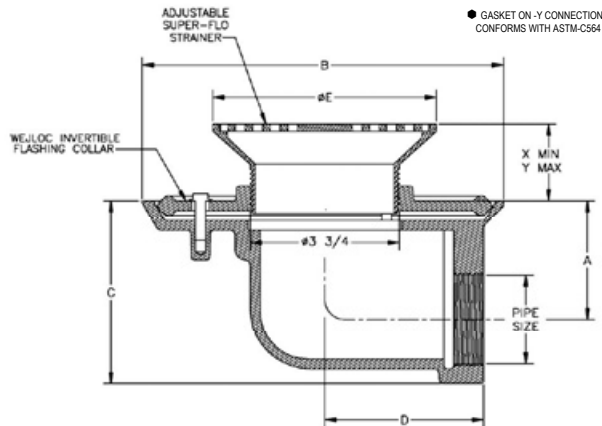
SPECIFICATION:

JOSAM 30000-TSO-A SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC® INVERTIBLE FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER, AND NIKALOY ADJUSTABLE ROUND SUPER-FLO® STRAINER.

**FLOOR DRAIN
WITH THREADED SIDE OUTLET**

SERIES 30000-TSO-A

SLOT WIDTH 1/4"



PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

STRAINER	E	X	Y	FREE AREA
-5A	5	3/4	2-1/8	7.8
-6A	6	1-1/4	2-3/8	11.0
-7A	7	1-1/8	2-7/8	13.2
-8A	8	1-5/8	2-5/8	16.2

- TSO THREADED SIDE OUTLET
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 50 1/2" PRIMER TAP
- 92 GALVANIZED CAST IRON PARTS

- CP CHROME PLATED STRAINER (5A AND 6A ONLY)
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- SS STAINLESS STEEL ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

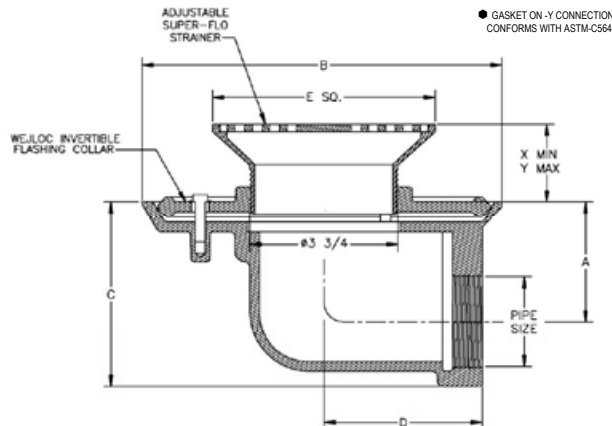
SPECIFICATION:

JOSAM 30000-TSO-S SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INTEGRAL THREADED SIDE OUTLET, WEJLOC® INVERTIBLE FLASHING COLLAR WITH WEEPHOLES AND THREADED TO RECEIVE JOSAM ADJUSTABLE STRAINER, AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO® STRAINER.

**FLOOR DRAIN
WITH THREADED SIDE OUTLET**

SERIES 30000-TSO-S

SLOT WIDTH 1/4"



PIPE SIZE	A	B	C	D
2"	3	9-1/8	4-5/8	4
3"	2-1/2	9-1/8	4-5/8	4
4"	3-1/4	10-1/4	6	4-1/4

STRAINER	E	X	Y	FREE AREA
-5S	5	7/8	1-7/8	9.1
-6S	6	7/8	2-1/4	13.8
-8S	8	1-1/4	2-1/2	24.5

- TSO THREADED SIDE OUTLET
- ARE ACID-RESISTING EPOXY
- 49 3/4" PRIMER TAP
- 50 1/2" PRIMER TAP
- 92 GALVANIZED CAST IRON PARTS

- CP CHROME PLATED STRAINER (5S AND 6S ONLY)
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 2 BRONZE ADJUSTABLE STRAINER
- SS STAINLESS STEEL ADJUSTABLE STRAINER
- 80 PERFORATED STAINLESS STEEL BASKET

DRAWING No. 06/18/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

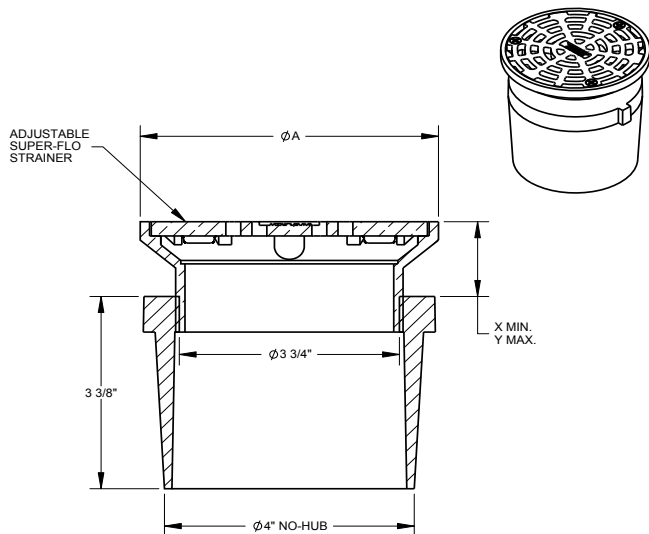
SPECIFICATION:

JOSAM SERIES 30304-Z-A COATED CAST IRON FLOOR DRAIN WITH
JOSAM ADJUSTABLE ROUND NIKALOY STRAINER.

FLOOR DRAIN

4" NO-HUB
ROUND ADJUSTABLE STRAINER

SERIES **30304-Z-A**



ADJUSTABLE STRAINERS				
TYPE NO.	C	X	Y	FREE AREA
5A	5	3/4	2-1/8	7.8
6A	6	1-1/4	2-3/8	11.0
7A	7	1-1/8	2-7/8	13.2
8A	8	1-5/8	2-5/8	16.2

-SS	STAINLESS STEEL STRAINER PARTS
-2	SATIN FIN. BRONZE STRAINER PARTS
-80	PERF. STAINLESS STEEL BASKET
-CP	CHROME PLATED STRNR (5A,6A)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

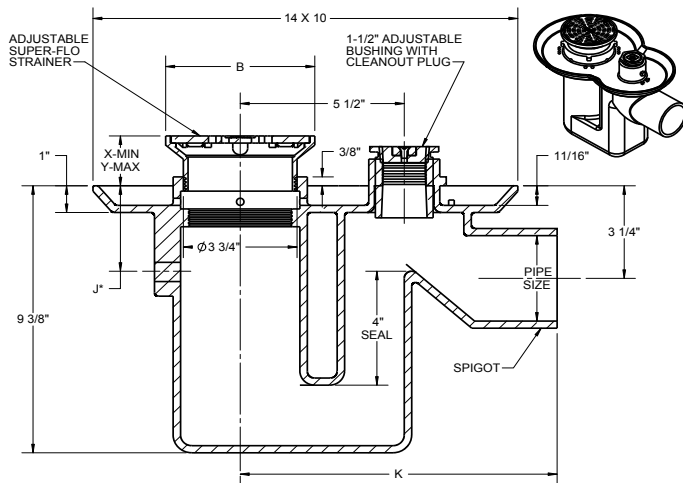
SPECIFICATION:

JOSAM 30500-A SERIES COATED CAST IRON COMBINED FLOOR
DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE
DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLES,
BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND NIKALOY
ADJUSTABLE ROUND SUPER-FLO STRAINER.

FLOOR DRAIN

ADJUSTABLE FLOOR DRAIN

SERIES **30500-A**



* IPS PRIMER TAPPING (-49) & (-50)
AUX. THREADED INLET (-51) & (-52)

MODEL	PIPE SIZE	J*	K
30502	2"	3	14-1/8
30503	3"	3-1/2	11
30504	4"	4-1/8	11

STRAINER	B	X	Y	FREE AREA
-5A	5	1-3/8	2-1/8	7.8
-6A	6	1-5/8	2-3/8	11.0
-7A	7	1-5/8	2-3/8	13.2
-8A	8	2	2-5/8	16.2

OPTIONS:

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-51	1-1/2" THREADED AUXILIARY INLET
-52	2" THREADED AUXILIARY INLET
-92	GALVANIZED CAST IRON PARTS
-2	BRONZE ADJUSTABLE STRAINER
-SS	STAINLESS STEEL ADJ. STRAINER
-80	PERFORATED SS BASKET
-CP	CHROME PLATED STRAINER (5A, 6A)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

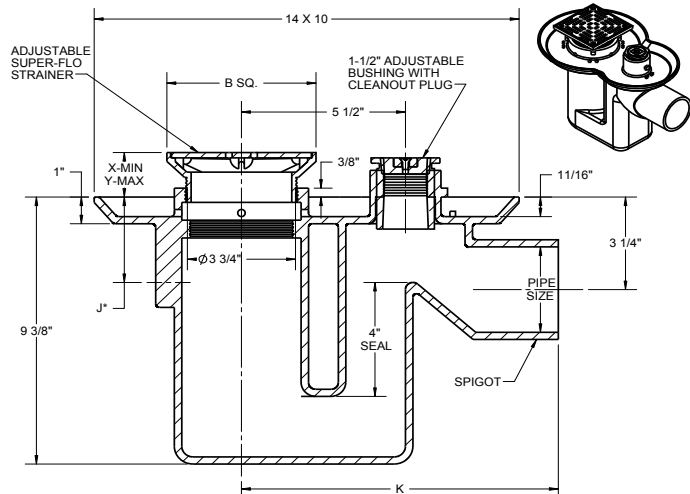
⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 30500-S SERIES COATED CAST IRON COMBINED FLOOR DRAIN AND INTEGRAL DEEP DRUM TYPE "P" TRAP WITH DOUBLE DRAINAGE FLANGE, NO-HUB SPIGOT SIDE OUTLET, WEEPHOLE, BRONZE INTEGRAL FLUSH-FLOOR CLEANOUT AND NIKALOY ADJUSTABLE SQUARE SUPER-FLO STRAINER.

**FLOOR DRAIN
ADJUSTABLE FLOOR DRAIN**

SERIES **30500-S**



* IPS PRIMER TAPPING (-49) & (-50)
AUX. THREADED INLET (-51) & (-52)

MODEL	PIPE SIZE	J*	K
30502	2"	3	14-1/8
30503	3"	3-1/2	11
30504	4"	4-1/8	11

STRAINER	B	X	Y	FREE AREA
-5S	5	1-1/4	2	9.1
-6S	6	1-1/2	2-1/4	13.8
-8S	8	2	2-5/8	24.5

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-51	1-1/2" THREADED AUXILIARY INLET
-52	2" THREADED AUXILIARY INLET
-92	GALVANIZED CAST IRON PARTS
-2	BRONZE ADJUSTABLE STRAINER
-SS	STAINLESS STEEL ADJ. STRAINER
-80	PERFORATED SS BASKET
-CP	CHROME PLATED STRAINER (5S, 6S)
-J	BACKWATER VALVE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/24/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

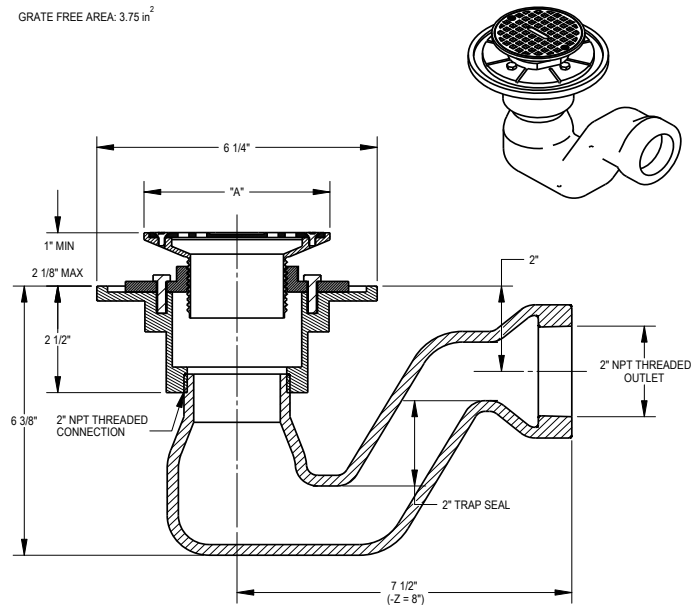
SPECIFICATION:

COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH INVERTIBLE CLAMP COLLAR AND DRAINAGE SLOTS, 4" ROUND ADJUSTABLE CHROME-PLATED BRASS STRAINER, 2" THREADED SIDE OUTLET SHALLOW TRAP

**FLOOR DRAIN
ADJUSTABLE
WITH 2" SHALLOW TRAP**

SERIES **30802-4CP**

GRATE FREE AREA: 3.75 in²



OPTIONS

-SQ	SQUARE STRAINER
-LT	LESS TRAP
-Z	SHALLOW TRAP WITH NO-HUB SIDE OUTLET

STRAINER	"A"
-4CP	Ø 4 3/16"
-4CP-SQ	4 1/16" SQUARE

DATE OF LAST CHANGE: 08/20/09

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

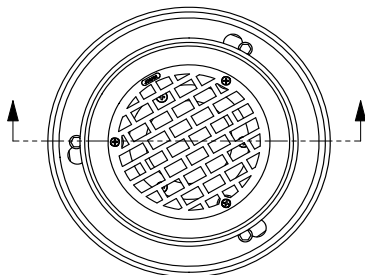
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

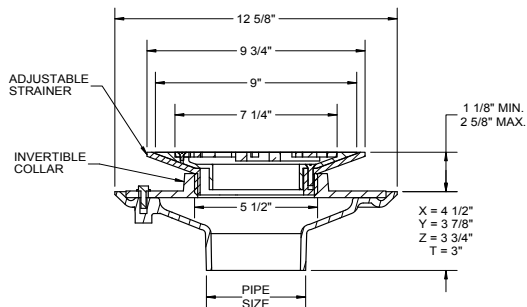
SPECIFICATION:

JOSAM 30900-9AD SERIES CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, NIKALOY ADJUSTABLE ROUND STRAINER IN NIKALOY CLAMPING COLLAR TO SECURE FLASHING OR WATER PROOFING AT FINISHED FLOOR.

FLOOR DRAIN
 ADJUSTABLE,
 WITH SURFACE CLAMP

 SERIES **30900-9AD**


* GASKET FOR -Y OUTLET
CONFORMS TO ASTM-C564



PIPE SIZE

	2"
	3"
	4"

OPTIONS:

-2	BRONZE ADJUSTABLE STRAINER
-66	NO-HUB SIDE OUTLET
-92	GALVANIZED CAST IRON PARTS
-VP	VANDAL-PROOF SCREWS

OUTLET TYPE

-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET *
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 09/18/13

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

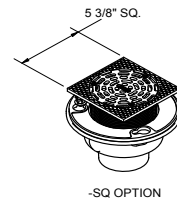
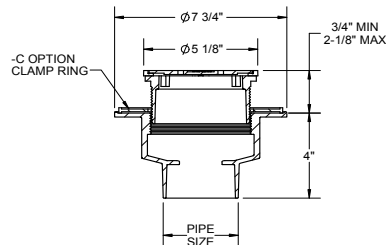
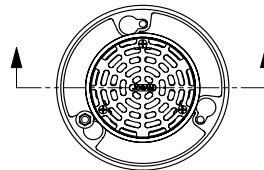
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 31000 SERIES COATED CAST IRON FLOOR DRAIN, 1/2" PRIMER TAP WITH PLUG, BOTTOM OUTLET, AND 5" ROUND ADJUSTABLE NIKALOY TOP.

FLOOR DRAIN
 5" TOP
 ADJUSTABLE

 SERIES **31000**
**OPTIONS:**

-C	BOLTED CLAMP RING
-SQ	SQUARE RIM TOP

MODEL	PIPE SIZE
31002	2"
31003	3"
31004	4"

OUTLET	DESC.
-Y	HUB OUTLET WITH GASKET (2" OR 3")
-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/28/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

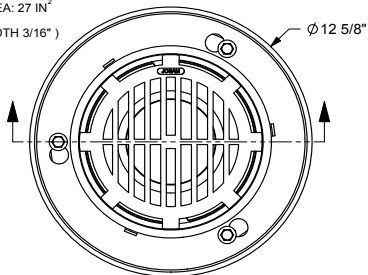
JOSAM 32100 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEILOCS NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

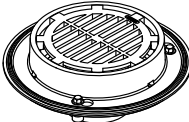
9" ROUND TOP, SUPER-FLO®

SERIES 32100

GRATE FREE AREA: 27 IN²
SLOT WIDTH 3/8"
(-1 & -2 SLOT WIDTH 3/16")



Ø 12 5/8"



◆ GASKET CONFORMS WITH ASTM-C564

*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)

Ø 9"

Ø 8 3/16"

5/8"

2"

-T = 4-3/4"

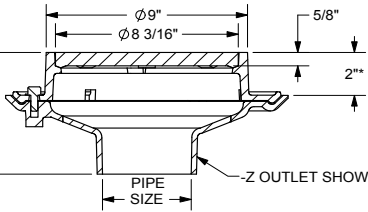
-X = 6-1/2"

◆ -Y = 5-7/8"

-Z = 5-3/4"

PIPE SIZE

-Z OUTLET SHOWN



2"	PIPE SIZE	-39	SOLID CAST IRON COVER
3"	PIPE SIZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
4"	PIPE SIZE	-ARE	ACID-RESISTING EPOXY
-AE	LEVELZE® ADJUSTABLE EXTENSION	-44	FIXED EXTENSION COLLAR, CAST IRON (SPEC. HT.), 3" STD.
-81	SLOTTED CAST IRON BUCKET	-44-92	FIXED EXTENSION COLLAR, GALVANIZED (SPEC. HT.), 3" STD.
-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
-LC1	LOCKING COVER, SATIN FINISH NIKALOY	-50	1/2" PRIMER TAP
-LC2	LOCKING COVER, SATIN FINISH BRONZE	-84	STAINLESS STEEL MESH BUCKET LINER
-1	SATIN FINISH NIKALOY TOP	-88	SUPPLEMENTARY STRAINER
-2	SATIN FINISH BRONZE TOP	-92	GALVANIZED CAST IRON PARTS
-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
-11	EXTRA-HEAVY DUTY GRATE, CAST IRON	-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-13	DOME GRATE, CAST IRON	-T	THREADED OUTLET
-13-1	DOME GRATE, NIKALOY	-X	INSIDE CAULK OUTLET □
-13-2	DOME GRATE, BRONZE	-Y	HUB OUTLET WITH GASKET
-15	CHAINED GRATE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

JOSAM COMPANY

MICHIGAN CITY, INDIANA

JOSAM COMPANY

MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

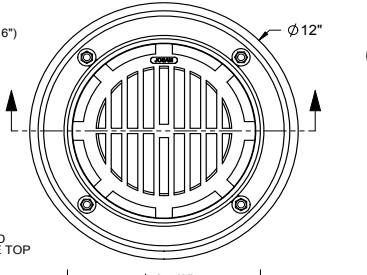
JOSAM 32106 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, 6" BOTTOM OUTLET, ROUND TOP, MEDIUM DUTY LOOSE-SET ANTI-TILTING SUPER - FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

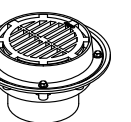
9" ROUND TOP, SUPER-FLO®

SERIES 32106

GRATE FREE AREA: 27 IN²
STD. CI SLOT WIDTH: 3/8"
(-1 AND -2 SLOT WIDTH: 3/16")



Ø 12"



◆ GASKET CONFORMS WITH ASTM-C564

*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)

Ø 9"

Ø 8 3/16"

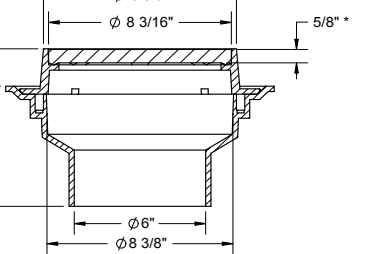
5/8"

2"

5 5/8"

Ø 6"

Ø 8 3/8"



-Z	NO-HUB	-14-1	HINGED GRATE, NIKALOY
-X	INSIDE CAULK OUTLET	-15	CHAINED GRATE
		-39	SOLID CAST IRON COVER
-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-44	FIXED EXT. COLLAR, CAST IRON (SPECIFY HT.), 3" STD.
-1	SATIN FINISH NIKALOY TOP	-44-92	FIXED EXT. COLLAR, GALV. (SPECIFY HT.), 3" STD.
-2	SATIN FINISH BRONZE TOP	-49	3/4" PRIMER TAP
-7	DUCTILE IRON GRATE	-50	1/2" PRIMER TAP
-11	EXTRA-HEAVY-DUTY GRATE, CAST IRON	-81	SLOTTED CAST IRON BUCKET
-13	DOME GRATE, CAST IRON	-84	STAINLESS STEEL MESH BUCKET LINER
-13-1	DOME GRATE, NIKALOY	-92	GALVANIZED CAST IRON PARTS
-13-2	DOME GRATE, BRONZE	-ARE	ACID-RESISTING EPOXY

DATE OF LAST CHANGE: 04/25/15

JOSAM COMPANY

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MICHIGAN CITY, INDIANA

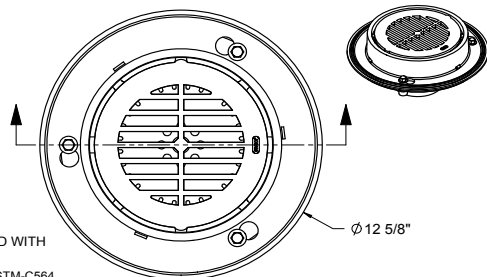
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SPECIFICATION:

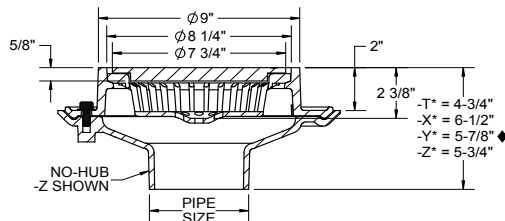
JOSAM 32100-81 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SETMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN**9" ROUND TOP, SUPER-FLO®**SERIES **32100-81**

GRATE FREE AREA: 22 SQ. IN.
STD. CI SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH: 3/16"



* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP
♦ GASKET CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

	-AE	LEVELZEZ ADJUSTABLE EXTENSION
X	-81	SLOTTED CAST IRON BUCKET
	-TG	TRACTOR GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-7	DUCTILE IRON GRATE
	-15	CHAINED GRATE
	-VP	SECURED GRATE, VANDAL-PROOF
	-ARE	ACID-RESISTING EPOXY
	-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)

	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET
	-84	STAINLESS STEEL MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET
	-Z	NO-HUB OUTLET

SEE 32100 SUBMITTAL FOR OTHER DIMENSIONS, DETAILS, AND OPTIONS.

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

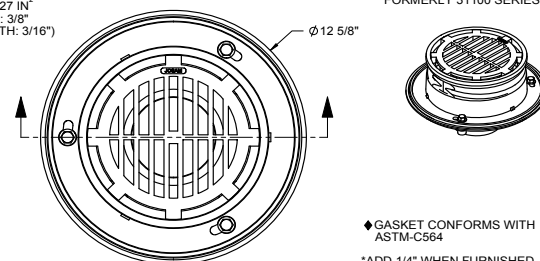
SPECIFICATION:

JOSAM 32100-AE SERIES COATED CAST IRON LEVELZEZ FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, ADJUSTABLE COLLAR WITH ROLLED THREAD AND MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN**9" ROUND TOP, LEVELZEZ®, SUPER-FLO®**SERIES **32100-AE**

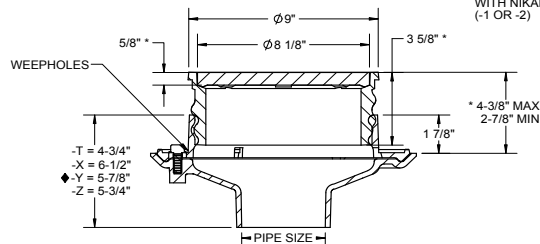
FORMERLY 31100 SERIES

GRATE FREE AREA: 27 IN²
STD. CI SLOT WIDTH: 3/8"
(-1 AND -2 SLOT WIDTH: 3/16")



♦ GASKET CONFORMS WITH ASTM-C564

*ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)



PIPE SIZE
2"
3"
4"

X	-AE	LEVELZEZ ADJUSTABLE EXTENSION	-39	SOLID CAST IRON COVER
			-VP	SECURED GRATE, VP SCREWS
			-ARE	ACID-RESISTING EPOXY COATING
	-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
	-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-50	1/2" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-66	NO-HUB SIDE OUTLET
	-2	SATIN FINISH BRONZE TOP	-81	SLOTTED CAST IRON BUCKET
	-7	DUCTILE IRON GRATE	-88	SUPPLEMENTARY STRAINER
	-11	EXTRA HEAVY-DUTY GRATE, CAST IRON	-92	GALVANIZED CAST IRON PARTS
	-13	DOME GRATE, CAST IRON	-T	THREADED OUTLET
	-13-1	DOME GRATE, NIKALOY	-X	INSIDE CAULK OUTLET □
	-13-2	DOME GRATE, BRONZE	-Y	HUB OUTLET WITH GASKET □
	-15	CHAINED GRATE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 32100-AE-81 SERIES COATED CAST IRON LEVEZE FLOOR DRAIN, TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEILCOX NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR WITH ROLLED THREAD AND ROUND TOP WITH REMOVABLE SEDIMENT BUCKET THAT SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS

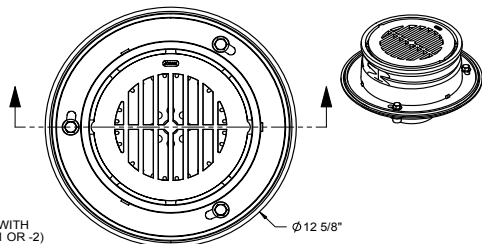
FLOOR DRAIN

**9" ROUND TOP
LEVEZE®, SUPER-FLO®**

SERIES **32100-AE-81**

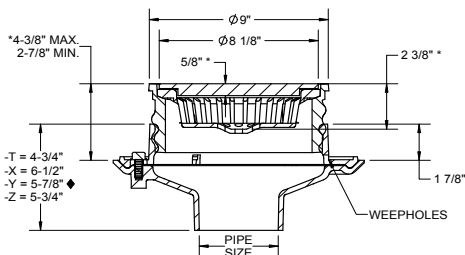
FORMERLY 31120 SERIES

GRATE FREE AREA: 22 IN²
STD. CI SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH: 3/16"



* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP (-1 OR -2)

◆ CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

OPTIONS:

X	-AE	LEVEZE ADJUSTABLE EXTENSION	-50	1/2" PRIMER TAP
X	-81	SLOTTED CAST IRON BUCKET	-66	NO-HUB SIDE OUTLET
	-1	SATIN FINISH NIKALOY TOP	-84	STAINLESS STEEL MESH BUCKET LINER
	-2	SATIN FINISH BRONZE TOP	-88	SUPPLEMENTARY STRAINER
	-7	DUCTILE IRON GRATE	-92	GALVANIZED CAST IRON PARTS
	-15	CHAINED GRATE	-T	THREADED OUTLET
	-VP	SECURED GRATE, VP SCREWS	-X	INSIDE CAULK OUTLET
	-ARE	ACID-RESISTING EPOXY COATING	-Y	HUB OUTLET WITH GASKET
	-49	3/4" PRIMER TAP	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

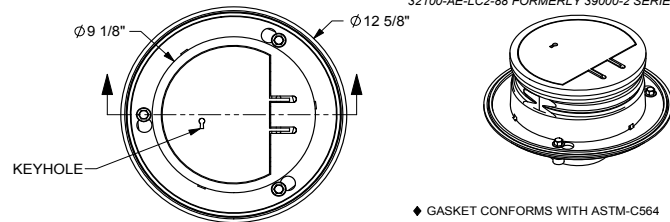
JOSAM 32100-AE-LC1-88 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEILCOX NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND SATIN NIKALOY HINGED KEY-LOCKING COVER, ADJUSTABLE COLLAR AND INTERNAL STRAINER.

FLOOR DRAIN

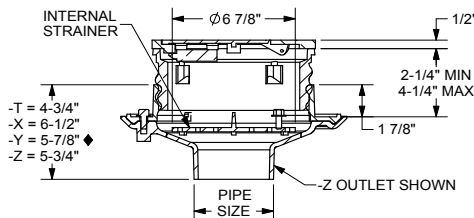
9" ROUND TOP, LOCKING COVER

SERIES **32100-AE-LC1-88**

32100-AE-LC1-88 FORMERLY 39000 SERIES
32100-AE-LC2-88 FORMERLY 39000-2 SERIES



◆ GASKET CONFORMS WITH ASTM-C564



	2"	PIPE SIZE		-39	SOLID CAST IRON COVER
	3"	PIPE SIZE		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	4"	PIPE SIZE		-ARE	ACID-RESISTING EPOXY
X	-AE	LEVEZE® ADJUSTABLE EXTENSION		-44	FIXED EXTENSION COLLAR, CAST IRON (SPEC. HT.) 3" STD.
	-81	SLOTTED CAST IRON BUCKET		-44-92	FIXED EXTENSION COLLAR, GALVANIZED (SPEC. HT.) 3" STD.
	-TG	TRACTOR GRATE		-49	3/4" PRIMER TAP
X	-LC1	LOCKING COVER, SATIN FINISH NIKALOY		-88	1/2" PRIMER TAP
	-LC2	LOCKING COVER, SATIN FINISH BRONZE		-84	STAINLESS STEEL MESH BUCKET LINER
	-1	SATIN FINISH NIKALOY TOP	X		SUPPLEMENTARY STRAINER
	-2	SATIN FINISH BRONZE TOP		-92	GALVANIZED CAST IRON PARTS
	-7	DUCTILE IRON GRATE		-66	NO-HUB SIDE OUTLET
	-11	EXTRA-HEAVY GRATE, CAST IRON			
	-13	DOME GRATE, CAST IRON		-T	THREADED OUTLET
	-13-1	DOME GRATE, NIKALOY		-X	INSIDE CAULK OUTLET
	-13-2	DOME GRATE, BRONZE		-Y	HUB OUTLET WITH GASKET
	-15	CHAINED GRATE		-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-AE-TG SERIES COATED CAST IRON LEVEZE® FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, WEJLOO® NON-PUNCTURING FLASHING COLLAR, BOTTOM OUTLET, ROUND TOP, ADJUSTABLE COLLAR WITH ROLLED THREAD AND HEAVY-DUTY, DEEP-SET TRACTOR GRATE.

FLOOR DRAIN

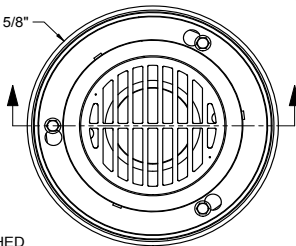
9" ROUND TOP, TRACTOR GRATE

SERIES **32100-AE-TG**

FORMERLY 31600 SERIES

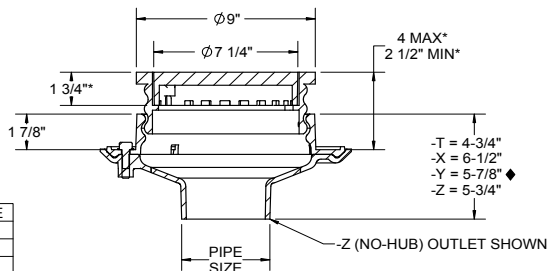
SLOT WIDTH - 1/2"
(1 & 2 SLOT WIDTH 7/16")
FREE AREA - 14.5 IN²

Ø 12 5/8"



*ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP

◆ GASKET CONFORMS WITH ASTM-C564



PIPE SIZE
2"
3"
4"

X	-AE	LEVEZE® ADJUSTABLE EXTENSION	-49	3/4" PRIMER TAP
X	-TG	TRACTOR GRATE	-50	1/2" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-86	SUPPLEMENTARY STRAINER
	-2	SATIN FINISH BRONZE TOP	-92	GALVANIZED CAST IRON PARTS
	-7	DUCTILE IRON GRATE	-66	NO-HUB SIDE OUTLET
	-15	CHAINED GRATE	-T	THREADED OUTLET
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-X	INSIDE CAULK OUTLET
	-ARE	ACID-RESISTING EPOXY	-Y	HUB OUTLET WITH GASKET
			-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

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TOLERANCES AND CHANGE WITHOUT NOTICE.
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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32100-TG SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, WEJLOO® NON-PUNCTURING FLASHING COLLAR, BOTTOM OUTLET, ROUND TOP WITH HEAVY-DUTY, LOOSE-SET TRACTOR GRATE.

FLOOR DRAIN

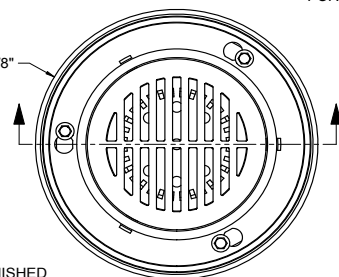
9" ROUND TOP, TRACTOR GRATE

SERIES **32100-TG**

FORMERLY 36000 SERIES

SLOT WIDTH - 3/8"
FREE AREA - 15.7 IN²

Ø 12 5/8"

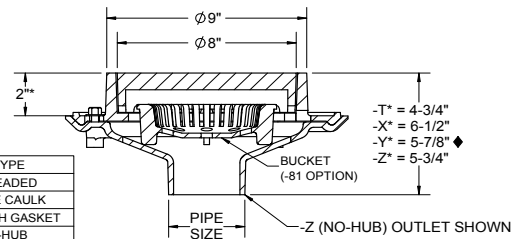


*ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP

◆ GASKET CONFORMS WITH ASTM-C564

PIPE SIZE
2"
3"
4"

		OUTLET TYPE
	-T	THREADED
	-X	INSIDE CAULK
	-Y	HUB WITH GASKET
	-Z	NO-HUB



X	-TG	TRACTOR GRATE	-49	3/4" PRIMER TAP
	-1	SATIN FINISH NIKALOY TOP	-50	1/2" PRIMER TAP
	-2	SATIN FINISH BRONZE TOP	-66	NO-HUB SIDE OUTLET
	-7	DUCTILE IRON GRATE	-81	SLOTTED CAST IRON BUCKET (069447)
	-15	CHAINED GRATE	-84	STAINLESS ST. MESH BUCKET LINER
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-88	SUPPLEMENTARY STRAINER
	-ARE	ACID-RESISTING EPOXY	-92	GALVANIZED CAST IRON PARTS
	-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)		
	-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)		

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

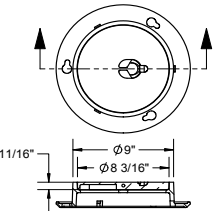
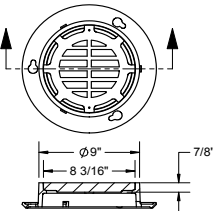

JOSAM 32150 SERIES COATED CAST IRON FLOOR DRAINS, TWO-PIECE BODIES WITH DOUBLE DRAINAGE FLANGE, WEEP-HOLES, BOTTOM OUTLETS, 9" ROUND TOPS, ONE BODY FURNISHED WITH A SOLID BRONZE PLUG, OTHER BODY FURNISHED WITH AN EXTRA-HEAVY, ANTI-TILTING, SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

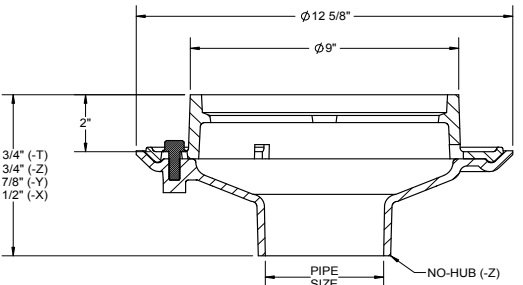
FLOOR DRAIN

9" ROUND TOP, BLOOD DRAIN

SERIES **32150**

FORMERLY 39150 SERIES



♦ GASKET CONFORMS WITH ASTM-C564

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-44	FIXED EXTENSION, CAST IRON (3" STD. OR SPECIFY HEIGHT)
-44-92	FIXED EXTENSION, GALVANIZED (3" STD. OR SPECIFY HEIGHT)
-92	GALVANIZED CAST IRON PARTS

-ARE	ACID RESISTING EPOXY
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB OUTLET

PIPE SIZE

2"
3"
4"

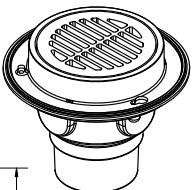
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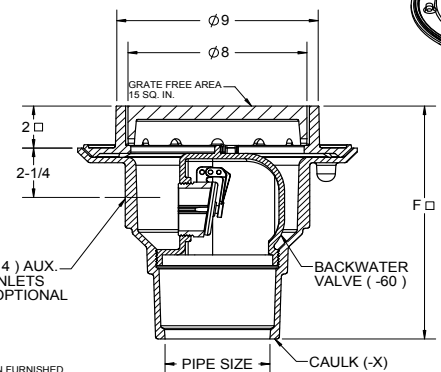
JOSAM 32160 SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEP-HOLES, BOTTOM OUTLET, INSIDE CAULK CONNECTION, ROUND TOP AND HEAVY-DUTY LOOSE-SET TRACTOR GRATE.

FLOOR DRAIN

9" ROUND TRACTOR TOP

SERIES **32160**





♦ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

▲ CANNOT BE INSTALLED WITH (-60) BACKWATER VALVE OPTION

3"	PIPE SIZE ("F" DIM. = 10 - 7/8")
4"	PIPE SIZE ("F" DIM. = 11 - 1/4")
-7	DUCTILE IRON GRATE
-12	SQUARE TOP, CAST IRON
-15	CHAINED GRATE
-19	CAST IRON UNDERGRATE W/SATINFINISH NIKALOY TOP
-44	FIXED EXTENSION COLLAR (3" STD. OR SPECIFY HT.)
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-51	1-1/2" AUXILIARY THREADED INLET
-52	2" AUXILIARY THREADED INLET
-53	2" AUXILIARY HUB INLET
-54	2" AUXILIARY SPIGOT INLET
-53-92	2" AUXILIARY HUB INLET, GALVANIZED

-54-92	2" AUXILIARY SPIGOT INLET, GALVANIZED
-60	BACKWATER VALVE
▲ -62	T"-HANDLE BRONZE CLOSURE PLUG
-66	NO-HUB SIDE OUTLET
▲ -71	SOLID CAST IRON BUCKET
▲ -81	SLOTTED CAST IRON BUCKET
▲ -88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID RESISTANT EPOXY COATING
-VP	SECURED GRATE, VANDAL-PROFF SCREWS
X	INSIDE CAULK OUTLET

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY

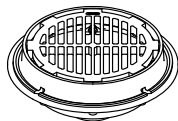
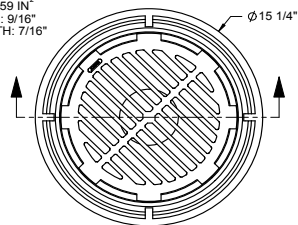
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

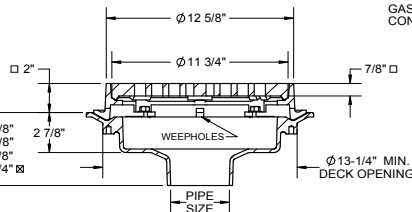
JOSAM 32200 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

GRATE FREE AREA: 59 IN²
STD. CI SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH: 7/16"



- ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP
- 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



PIPE SIZE
2"
3"
4"
5"
6"
8"

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-4	SECONDARY FLASH CLAMP (W/-AE ONLY)
-7	DUCTILE IRON GRATE
-13	DOME GRATE, CAST IRON
-13-1	DOME GRATE, NIKALOY
-13-2	DOME GRATE, BRONZE
-15	CHAINED GRATE
-44	FIXED EXTENSION, CI (2" STD OR SPECIFY)
-44-92	FIXED EXTENSION, GALVANIZED
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET (2" - 6")

-81	SLOTTED CAST IRON BUCKET
-84	SS MESH BUCKET LINER (MUST SPEC. -81)
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-AE	LEVELZEZ® ADJUSTABLE EXTENSION
-ARE	ACID-RESISTANT EPOXY COATING
-SD	SPECIAL-DUTY GRATE
-HP	HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-VP	SECURED GRATE, VP SCREWS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL AVAILABLE FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 04/25/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

FLOOR DRAIN

12" ROUND TOP, SUPER-FLO®

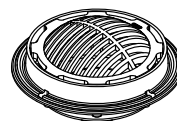
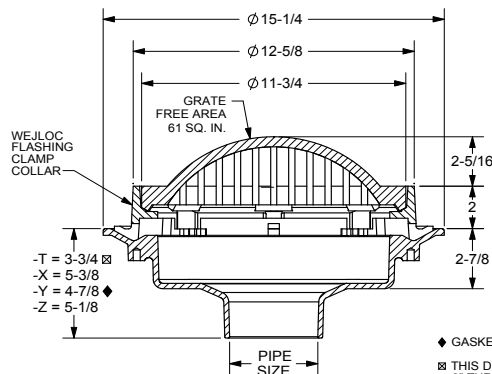
SERIES

32200

SPECIFICATION:

JOSAM 32200-13 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® DOME WITH PERIMETER DRAINAGE SLOTS.

SLOT WIDTH 9/16"



◆ GASKET CONFORMS WITH ASTM-C564

■ THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET

	2"	PIPE SIZE	-15	CHAINED GRATE
	3"	PIPE SIZE	-ARE	ACID-RESISTING EPOXY
	4"	PIPE SIZE	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	5"	PIPE SIZE	-44	FIXED EXTENSION COLLAR, C.I. (SPEC. HT.) 2" STD.
	6"	PIPE SIZE	-44-92	FIXED EXTENSION COLLAR, GALV. (SPEC. HT.) 2" STD.
	8"	PIPE SIZE	-49	3/4" PRIMER TAP
			-50	1/2" PRIMER TAP
	-AE	LEVELZEZ® ADJUSTABLE EXTENSION	-84	STAINLESS STEEL MESH BUCKET LINER
	-81	SLOTTED CAST IRON BUCKET	-88	SUPPLEMENTARY STRAINER
	-SD	SPECIAL-DUTY GRATE	-92	GALVANIZED CAST IRON PARTS
	-1	SATIN FINISH NIKALOY TOP	-66	NO-HUB SIDE OUTLET (2" - 6" ONLY)
	-2	SATIN FINISH BRONZE TOP		
	-4	SECONDARY FLASHING CLAMP (USE WITH -AE ONLY)		
	-7	DUCTILE IRON GRATE	-T	THREADED OUTLET
X	-13	DOME GRATE, CAST IRON	-X	INSIDE CAULK OUTLET
	-13-1	DOME GRATE, NIKALOY	-Y	HUB OUTLET WITH GASKET (2" THRU 4" SIZES)
	-13-2	DOME GRATE, BRONZE	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

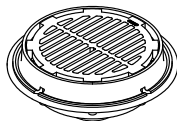
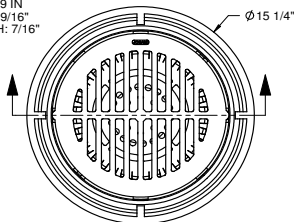
JOSAM 32200-81 SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SEDIMENT BUCKET THAT SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

12" ROUND TOP, SUPER-FLO®

SERIES **32200-81**

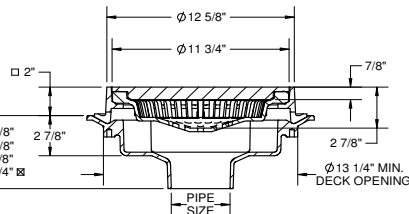
GRATE FREE AREA: 59 IN²
STD. CI SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH: 7/16"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



PIPE SIZE
2"
3"
4"
5"
6"
8"

-1 SATIN FINISH NIKALOY TOP	-81 SLOTTED CAST IRON BUCKET
-2 SATIN FINISH BRONZE TOP	-84 SS MESH BUCKET LINER (MUST SPEC. -81)
-4 SECONDARY FLASH. CLAMP (W/ -AE ONLY)	-88 SUPPLEMENTARY STRAINER
-7 DUCTILE IRON GRATE	-92 GALVANIZED CAST IRON PARTS
-13 DOME GRATE, CAST IRON	-AE LEVELZEZE ADJUSTABLE EXTENSION
-13-1 DOME GRATE, NIKALOY	-ARE ACID-RESISTANT EPOXY COATING
-13-2 DOME GRATE, BRONZE	-SD SPECIAL-DUTY GRATE
-15 CHAINED GRATE	-HP HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44 FIXED EXTENSION, CI (2" STD OR SPECIFY)	-VP SECURED GRATE, VP SCREWS
-44-92 FIXED EXTENSION, GALVANIZED	-T THREADED OUTLET
-49 3/4" PRIMER TAP	-X INSIDE CAULK OUTLET
-50 1/2" PRIMER TAP	-Y HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66 NO-HUB SIDE OUTLET (2" - 6")	-Z NO-HUB OUTLET

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE SERIES COATED CAST IRON LEVELZEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY AND A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

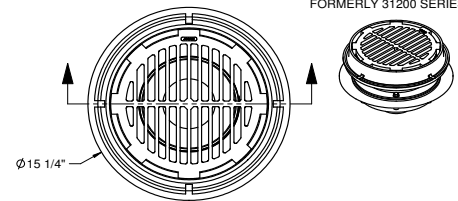
12" ROUND SUPER-FLO® TOP, LEVELZEZE®

SERIES **32200-AE**

FORMERLY 31200 SERIES

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"

PIPE SIZE
2"
3"
4"
5"
6"
8"

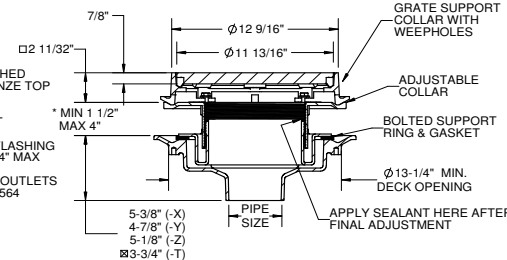


□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564



-1 SATIN FINISH NIKALOY TOP	-81 SLOTTED CAST IRON BUCKET
-2 SATIN FINISH BRONZE TOP	-84 SS MESH BUCKET LINER (MUST SPEC. -81)
-4 SECONDARY FLASH. CLAMP (W/ -AE ONLY)	-88 SUPPLEMENTARY STRAINER
-7 DUCTILE IRON GRATE	-92 GALVANIZED CAST IRON PARTS
-13 DOME GRATE, CAST IRON	-AE LEVELZEZE ADJUSTABLE EXTENSION
-13-1 DOME GRATE, NIKALOY	-ARE ACID-RESISTANT EPOXY COATING
-13-2 DOME GRATE, BRONZE	-SD SPECIAL-DUTY GRATE
-15 CHAINED GRATE	-HP HEEL-PROOF GRATE, CI, 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44 FIXED EXTENSION, CI (2" STD OR SPECIFY)	-VP SECURED GRATE, VP SCREWS
-44-92 FIXED EXTENSION, GALVANIZED	-T THREADED OUTLET
-49 3/4" PRIMER TAP	-X INSIDE CAULK OUTLET
-50 1/2" PRIMER TAP	-Y HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66 NO-HUB SIDE OUTLET (2" - 6")	-Z NO-HUB OUTLET

A SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE-81 SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY, REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

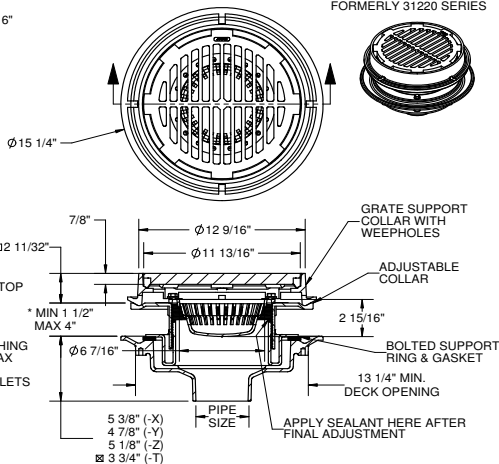
12" ROUND SUPER-FLO® TOP, LEVELEZE®

SERIES **32200-AE-81**

FORMERLY 31220 SERIES

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"

PIPE SIZE
2"
3"
4"
5"
6"
8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

■ 5-3/4" HEIGHT FOR 8" THREADED (-T) OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

GASKET FOR -Y AND -X OUTLETS CONFORMS TO ASTM-C564

-1 SATIN FINISH NIKALOY TOP	X	-81 SLOTTED CAST IRON BUCKET
-2 SATIN FINISH BRONZE TOP		-84 SS MESH BUCKET LINER (MUST SPEC. -81)
-4 SECONDARY FLASH. CLAMP (W/ -AE ONLY)		-88 SUPPLEMENTARY STRAINER
-7 DUCTILE IRON GRATE		-92 GALVANIZED CAST IRON PARTS
-13 DOME GRATE, CAST IRON	X	-AE LEVELEZE ADJUSTABLE EXTENSION
-13-1 DOME GRATE, NIKALOY		-ARE ACID-RESISTANT EPOXY COATING
-13-2 DOME GRATE, BRONZE		-SD SPECIAL-DUTY GRATE
-15 CHAINED GRATE		-HP HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ IN FREE AREA
-44 FIXED EXTENSION, CI (2" STD OR SPECIFY)		-VP SECURED GRATE, VP SCREWS
-44-92 FIXED EXTENSION, GALVANIZED		-T THREADED OUTLET
-49 3/4" PRIMER TAP		-X INSIDE CAULK OUTLET
-50 1/2" PRIMER TAP		-Y HUB OUTLET W/ GASKET (2" - 4" SIZES ONLY)
-66 NO-HUB SIDE OUTLET (2" - 6")		-Z NO-HUB OUTLET

DATE OF LAST CHANGE: 12/23/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32200-AE-SD SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH ROUND TOP, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY AND LOOSE-SET SPECIAL-DUTY GRATE.

FLOOR DRAIN

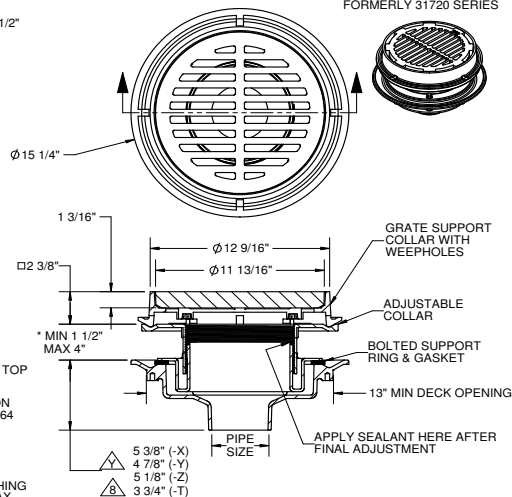
12" ROUND SPECIAL-DUTY TOP, LEVELEZE®

SERIES **32200-AE-SD**

FORMERLY 31720 SERIES

GRATE FREE AREA: 34.26 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-1 AND -2 SLOT WIDTH 1/4"

PIPE SIZE
2"
3"
4"
5"
6"
8"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

△ GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

△ THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET

* WITH (-4) SECONDARY FLASHING CLAMP 2-1/4" MIN. 4-1/4" MAX

X	-AE	LEVELEZE® ADJUSTABLE EXTENSION
Δ	-81	SLOTTED CAST IRON BUCKET
X	-SD	SPECIAL-DUTY GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-4	SECONDARY FLASHING CLAMP
	-15	CHAINED GRATE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-84	SS MESH BUCKET LINER (MUST SPECIFY -81 BUCKET)
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-ARE	ACID-RESISTING EPOXY
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET (2"-4") SIZES ONLY
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 10/30/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 32200-SD SERIES COATED CAST IRON FLOOR DRAIN, SHALLOW TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING CLAMP, WEEPHOLES, BOTTOM OUTLET, ROUND TOP AND LOOSE-SET SPECIAL-DUTY GRATE.

FLOOR DRAIN

**12" ROUND TOP,
SPECIAL-DUTY**

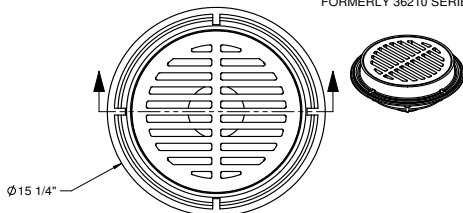
SERIES **32200-SD**

FORMERLY 36210 SERIES

GRATE FREE AREA: 34.26 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-1 AND -2 SLOT WIDTH 1/4"

PIPE SIZE
2"
3"
4"
5"
6"
8"
*10"

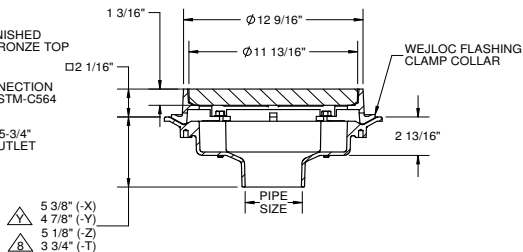
* NO-HUB ONLY



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

△ GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

△ THIS DIMENSION IS 5-3/4" ON 8" THREADED OUTLET



Δ	-AE	LEVELZE® ADJUSTABLE EXTENSION
Δ	-81	SLOTTED CAST IRON BUCKET
X	-SD	SPECIAL-DUTY GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-15	CHAINED GRATE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")

	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-84	SS MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-ARE	ACID-RESISTING EPOXY
	-T	THREADED OUTLET
	-X	INSIDE CAULK OUTLET
	-Y	HUB OUTLET WITH GASKET (2"-4") SIZES ONLY
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/20/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 32300 SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP, MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

**12" ROUND SUPER-FLO® TOP,
MEDIUM SUMP**

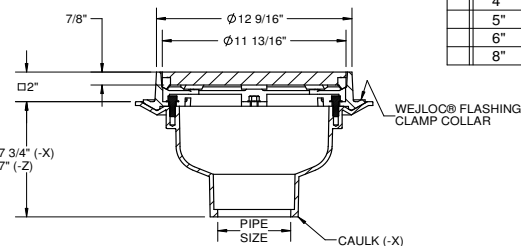
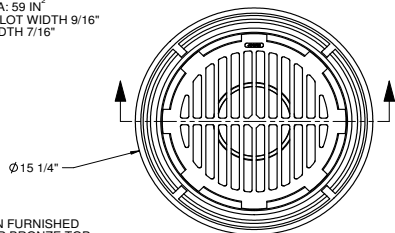
SERIES **32300**

GRATE FREE AREA: 59 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 7/16"



PIPE SIZE
2"
3"
4"
5"
6"
8"

□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP



	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-7	DUCTILE IRON GRATE
	-13	DOME GRATE, CAST IRON
	-13-1	DOME GRATE, NIKALOY
	-13-2	DOME GRATE, BRONZE
	-15	CHAINED GRATE
	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-49	3/4" PRIMER TAP

Δ	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")
	-81	SLOTTED CAST IRON BUCKET
	-84	SS MESH BUCKET LINER (MUST SPECIFY -81 BUCKET)
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-HP	HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ. IN FREE AREA
	-SD	SPECIAL-DUTY GRATE
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 12/30/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

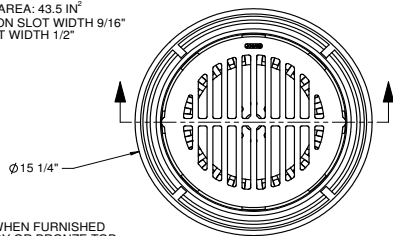
JOSAM 32300-81 SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP, REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

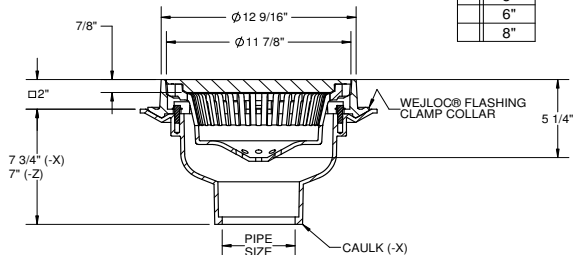
12" ROUND SUPER-FLO® TOP,
MEDIUM SUMP

SERIES **32300-81**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-1 AND -2 SLOT WIDTH 1/2"



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"
5"
6"
8"

X	-81	SLOTTED CAST IRON BUCKET
	-SD	SPECIAL-DUTY GRATE
	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-7	DUCTILE IRON GRATE
	-13	DOME GRATE, CAST IRON
	-13-1	DOME GRATE, NIKALOY
	-13-2	DOME GRATE, BRONZE
	-15	CHAINED GRATE

	-44	FIXED EXTENSION, CAST IRON (2" STD. OR SPEC. HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (2" STD. OR SPEC. HEIGHT)
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")
	-84	SS MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 9/19/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

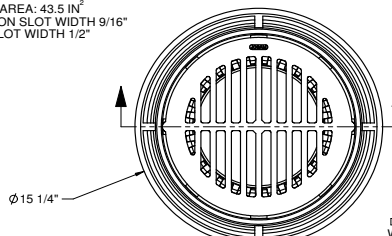
JOSAM 32330 SERIES COATED CAST IRON FLOOR DRAIN, DEEP TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND-TOP AND REMOVABLE SEDIMENT BUCKET WHICH SUPPORTS A MEDIUM-DUTY LOOSE-SET ANTI-TILTING SUPER-FLO® GRATE WITH PERIMETER DRAINAGE SLOTS.

FLOOR DRAIN

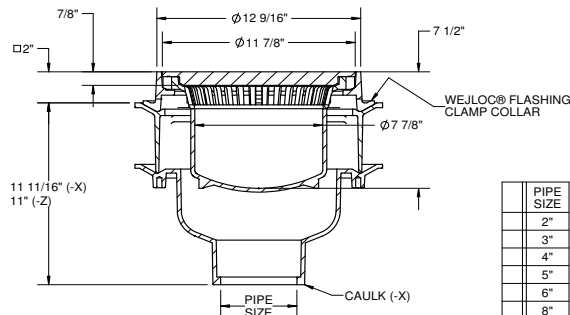
12" FLOOR SUPER-FLO® TOP,
DEEP SUMP WITH BUCKET

SERIES **32330**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH 9/16"
-19 AND -20 SLOT WIDTH 1/2"



□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"
5"
6"
8"

A	-SD	SPECIAL-DUTY GRATE
	-15	CHAINED GRATE
	-19	CAST IRON UNDERGRATE WITH SATIN FINISH NIKALOY TOP
	-20	CAST IRON UNDERGRATE WITH SATIN FINISH BRONZE TOP
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET (2"-6")

	-84	STAINLESS STEEL MECH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/19/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 32330-SD SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEJLOC®, NON-PUNCTURING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, REMOVABLE SEDIMENT BUCKET AND SPECIAL-DUTY LOOSE-SET GRATE.

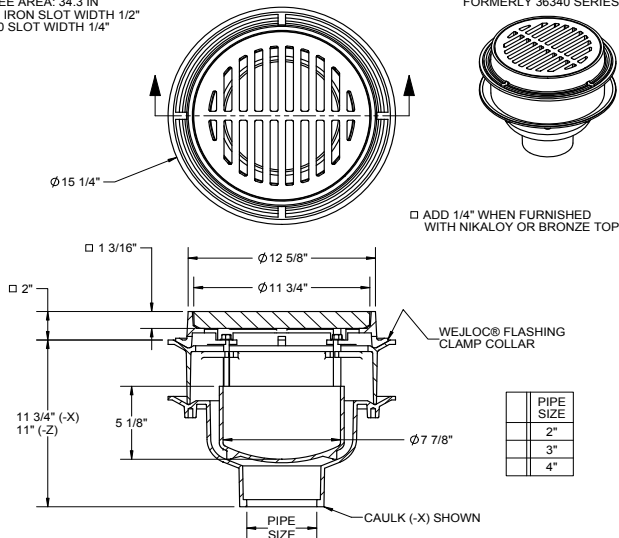
FLOOR DRAIN

12" FLOOR TOP, DEEP SUMP WITH BUCKET

SERIES **32330-SD**

FORMERLY 36340 SERIES

GRATE FREE AREA: 34.3 IN²
STD. CAST IRON SLOT WIDTH 1/2"
-19 AND -20 SLOT WIDTH 1/4"



X	-SD	SPECIAL-DUTY GRATE
	-15	CHAINED GRATE
	-19	CAST IRON UNDERGRATE WITH SATIN FINISH NIKALOY TOP
	-20	CAST IRON UNDERGRATE WITH SATIN FINISH BRONZE TOP
	-44	FIXED EXTENSION, CAST IRON (1" STD. OR SPECIFY HEIGHT)
	-44-92	FIXED EXTENSION, GALVANIZED (1" STD. OR SPECIFY HEIGHT)
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP

	-66	NO-HUB SIDE OUTLET
	-70	LESS BUCKET
	-84	STAINLESS STEEL MECH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34710 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO PIECE BODY, WEJLOC® NON-PUNCTURING FLASHING CLAMP COLLAR WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, ROUND TOP AND EXTRA HEAVY-DUTY LOOSE-SET GRATE.

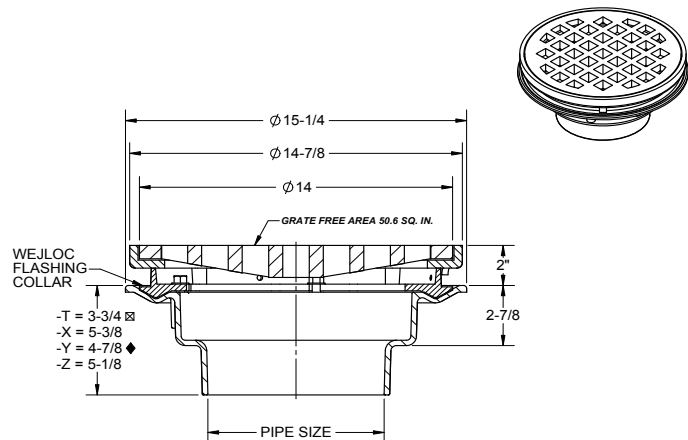
FLOOR DRAIN

EXTRA HEAVY-DUTY TOP

SERIES **34710**

FORMERLY 36410 SERIES

SLOTS 1-3/16" SQ.



■ THIS DIMENSION IS 5-3/4 ON 8" THREADED OUTLET

◆ GASKET CONFORMS WITH ASTM-C564

	4"	PIPE SIZE		-19	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
	5"	PIPE SIZE		-20	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
	6"	PIPE SIZE		-49	3/4" PRIMER TAP
	8"	PIPE SIZE		-50	1/2" PRIMER TAP
				-88	SUPPLEMENTARY STRAINER
	-AE	LEVELZEZ ADJUSTABLE EXTENSION		-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID RESISTING EPOXY			
	-VP	SECURED GRATE		-T	THREADED OUTLET
				-X	INSIDE CAULK OUTLET
	-4	SECONDARY FLASHING CLAMP (USE WITH -AE ONLY)		-Y	HUB OUTLET WITH GASKET (4" SIZE ONLY)
	-7	DUCTILE IRON GRATE		-Z	NO-HUB SPIGOT OUTLET
	-15	CHAINED GRATE			

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34720 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEJLOC® NON-PUNCTURING FLASHING CLAMP COLLAR, WEEPHOLES, BOTTOM OUTLET, ROUND TOP, REMOVABLE SEDIMENT BUCKET AND EXTRA HEAVY-DUTY LOOSE-SET GRATE.

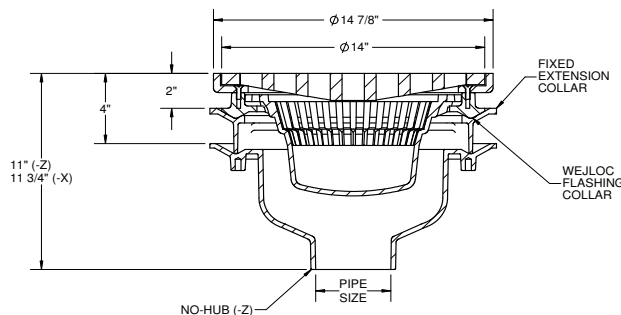
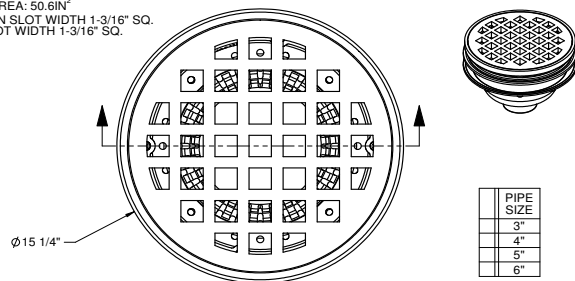
FLOOR DRAIN

15" EXTRA HEAVY-DUTY TOP
WITH BUCKET

SERIES

34720

GRATE FREE AREA: 50.6IN²
STD. CAST IRON SLOT WIDTH 1-3/16" SQ.
-19 AND -20 SLOT WIDTH 1-3/16" SQ.



-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-19	CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
-20	CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

-66	NO-HUB SIDE OUTLET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/18/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 34920 SERIES COATED CAST IRON FLOOR DRAIN WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET, ROUND TOP WITH REMOVABLE SEDIMENT BUCKET DESIGNED SO EXTRA HEAVY-DUTY NON-CLOG GRATE CANNOT BE REPLACED WITHOUT BUCKET IN PLACE.

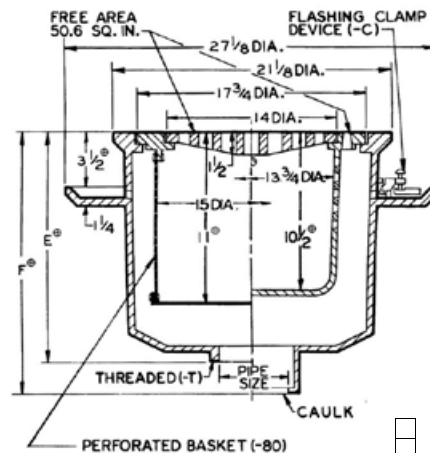
FLOOR DRAIN

NON-CLOG 21" ROUND W/ BUCKET

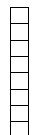
SERIES

34920

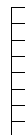
SLOT WIDTH 1-3/16" SQ.



Ⓢ ADD 1/4" WHEN FURNISHED
W/ NIKALOY OR BRONZE TOP



- 12 SQUARE TOP
- 12-1 SQUARE TOP, NIKALOY
- 12-2 SQUARE TOP, BRONZE
- 15 CHAINED GRATE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 19 CAST IRON UNDERGRATE LAMINATED TOP, NIKALOY
- 20 CAST IRON UNDERGRATE LAMINATED TOP, BRONZE
- C BOLTED FLASHING CLAMP DEVICE



- 49 3/4" PRIMER TAP
- 50 1/2" PRIMER TAP
- 66 NO-HUB SIDE OUTLET (3" - 6")
- 80 PERFORATED STAINLESS STEEL BASKET
- 84 STAINLESS STEEL MESH BUCKET LINER
- 92 GALVANIZED CAST IRON PARTS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET

PIPE SIZE	E	F
3"	14-3/4	16-7/8
4"	14-3/4	16-3/4
5"	15	16-7/8
6"	15	17-3/4
8"	15-1/4	17-3/4

DRAWING No. 10/25/13

A-02617-K

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:



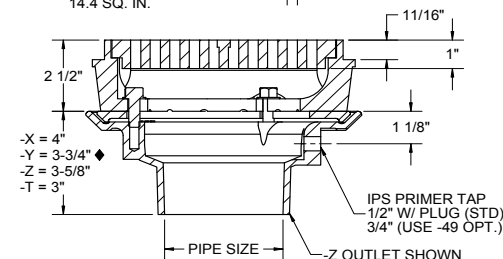
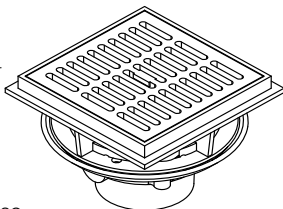
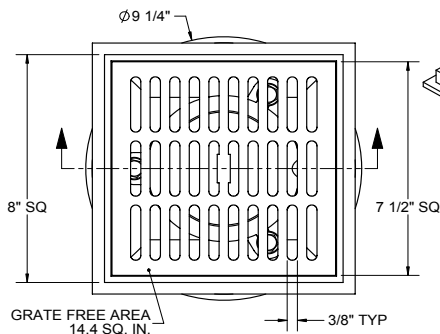
WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 35100 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY WITH DOUBLE DRAINAGE FLANGE AND 1/2" PRIMER TAP WITH PLUG, WEJLOC NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP WITH HEAVY-DUTY LOOSE-SET GRATE.

**FLOOR DRAIN
8" SQUARE TOP**

SERIES **35100**



PIPE SIZE
2"
3"
4"

♦ GASKET ON Y-CONNECTION
CONFORMS WITH ASTM-C564

-TSO	THREADED SIDE OUTLET
-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP

-ARE	ACID-RESISTING EPOXY
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB OUTLET WITH GASKET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 04/25/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

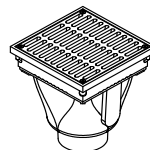
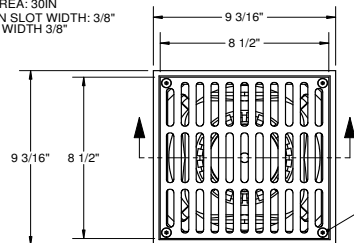
SPECIFICATION:

JOSAM 35130 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY, SEEPAGE SLOTS, BOTTOM OUTLET, MEDIUM-DUTY SECURED GRATE AND REMOVABLE SEDIMENT BUCKET, TOP FRAME SERVES AS CLAMP RING.

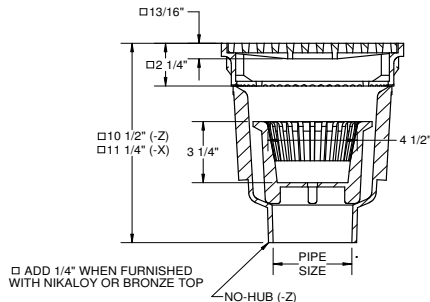
**FLOOR DRAIN
9" SQUARE TOP
WITH BUCKET**

SERIES **35130**

GRATE FREE AREA: 30IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH 3/8"



FRAME SECURED TO
GRATE WITH SCREWS



PIPE SIZE
2"
3"
4"

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-14-1	HINGED GRATE, SATIN FINISH NIKALOY
-14-2	HINGED GRATE, SATIN FINISH BRONZE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET

-70	LESS BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID-RESISTING EPOXY
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

Δ SEPARATE SUBMITTAL FOR THIS OPTION AVAILABLE

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 35130-14-1 SERIES CAST IRON FLOOR DRAIN, TWO-PIECE BODY, FLASHING FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE MEDIUM-DUTY SATIN NIKALOY HINGED GRATE AND REMOVABLE SEDIMENT BUCKET, TOP FRAME SERVES AS CLAMP RING.

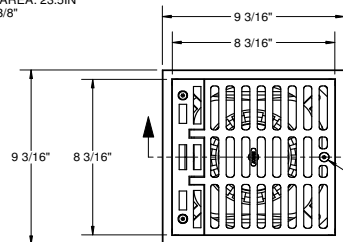
FLOOR DRAIN

9" SQUARE HINGED TOP
WITH BUCKET

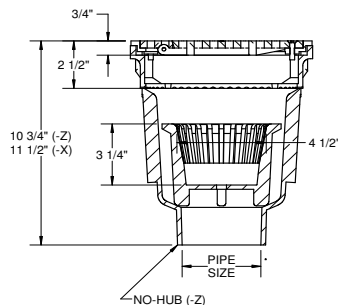
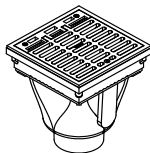
SERIES **35130-14-1**

FORMERLY 35230 SERIES

GRATE FREE AREA: 23.5IN²
SLOT WIDTH 3/8"



FRAME SECURED TO
GRATE WITH SCREWS



PIPE SIZE
2"
3"
4"

X	-14-1	HINGED GRATE, SATIN FINISHED NIKALOY
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-66	NO-HUB SIDE OUTLET
	-70	LESS BUCKET

	-84	STAINLESS STEEL MESH BUCKET LINER
	-92	GALVANIZED CAST IRON PARTS
	-ARE	ACID-RESISTING EPOXY
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB SPIGOT OUTLET

35130-14-2 SAME, EXCEPT BRONZE TOP USED (FORMERLY 35230-2)

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 35170 SERIES COATED CAST IRON FLOOR DRAIN,
BOTTOM OUTLET, SQUARE TOP, MEDIUM-DUTY LOOSE-SET
TRACTOR GRATE AND REMOVABLE SEDIMENT BUCKET.

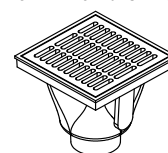
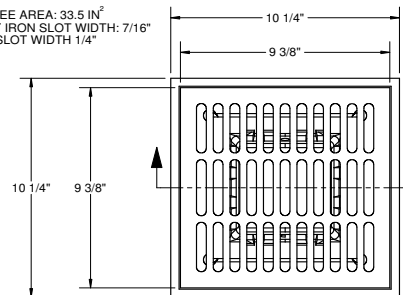
FLOOR DRAIN

10" TRACTOR TOP
WITH BUCKET

SERIES **35170**

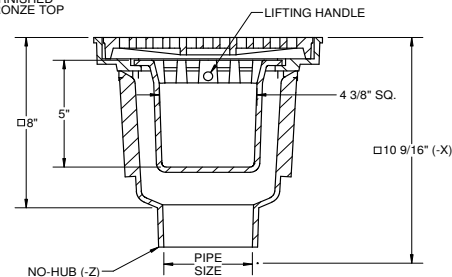
FORMERLY 37770A SERIES

GRATE FREE AREA: 33.5 IN²
STD. CAST IRON SLOT WIDTH: 7/16"
-1 AND -2 SLOT WIDTH 1/4"



PIPE SIZE
3"
4"

□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



	-1	SATIN FINISH NIKALOY TOP
	-2	SATIN FINISH BRONZE TOP
	-15	CHAINED GRATE
	-49	3/4" PRIMER TAP
	-50	1/2" PRIMER TAP
	-70	LESS BUCKET

	-84	STAINLESS STEEL MESH BUCKET LINER
	-88	SUPPLEMENTARY STRAINER
	-92	GALVANIZED CAST IRON PARTS
	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-X	INSIDE CAULK OUTLET
	-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/17/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
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USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

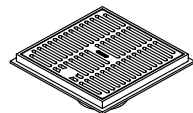
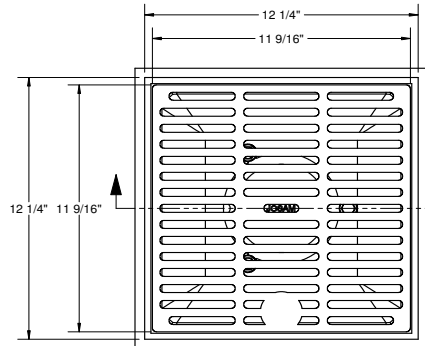
JOSAM 37800 SERIES COATED CAST IRON FLOOR DRAIN WITH FLASHING FLANGE AND 1/2" PRIMER TAP WITH PLUG, SHALLOW BODY, WEJLOC® NON-PUNCTURING FLASHING COLLAR, WEEPHOLES, BOTTOM OUTLET CONNECTION, SQUARE TOP AND HEAVY-DUTY LOOSE-SET GRATE.

FLOOR DRAIN

**12" HEAVY-DUTY TOP,
SHALLOW SUMP**

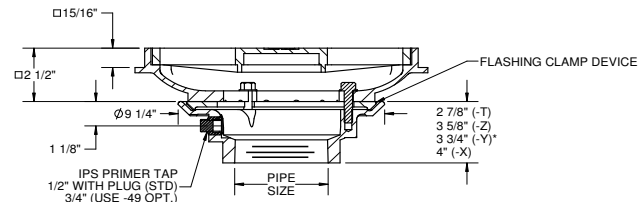
SERIES **37800**

GRATE FREE AREA: 52 IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-19 AND -20 SLOT WIDTH 3/8"



PIPE SIZE
2"
3"
4"

□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP
*GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564



-7	DUCTILE IRON GRATE
-14	HINGED GRATE
-18	HINGED GRATE WITH LATCHING DEVICE
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP
-49	3/4" PRIMER TAP
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

-66	NO-HUB SIDE OUTLET
-92	GALVANIZED CAST IRON PARTS
-T	THREADED OUTLET
-X	INSIDE CAULK OUTLET
-Y	HUB-OUTLET WITH GASKET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/17/14
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

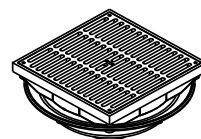
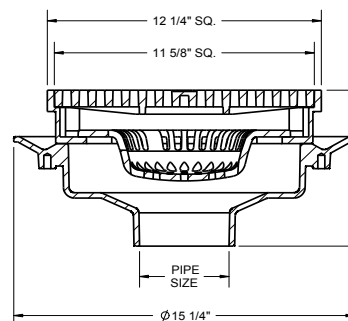
JOSAM 37810 SERIES COATED CAST IRON FLOOR DRAIN, TWO-PIECE MEDIUM-DEEP BODY WITH DOUBLE DRAINAGE FLANGE, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP, HEAVY DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

MEDIUM SUMP, 12" HEAVY DUTY TOP

SERIES **37810**

GRATE FREE AREA: 54 IN²



X = 5 3/8"
Y = 4 7/8"
Z = 5 1/8"
T = 3 3/4"

□ ADD 1/4" WHEN FURNISHED WITH BRONZE OR NIKALOY TOP

◆ GASKET ON -Y CONNECTION CONFORMS WITH ASTM-C564

2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
-X	INSIDE CAULK OUTLET
-Y	PUSH-ON
-Z	NO-HUB
-T	THREADED OUTLET
-AE	LEVELIZE ADJUSTABLE EXTENSION
-4"	SECONDARY FLASHING CLAMP
-7	DUCTILE IRON GRATE
-14	HINGED GRATE

-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-18	HINGED GRATE W/ LATCHING DEVICE
-19	C.I. UNDERGRATE W/ SATIN NIKALOY TOP
-20	C.I. UNDERGRATE W/ SATIN BRONZE TOP
-39	SOLID CAST IRON COVER
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-66	NO-HUB SIDE OUTLET
-70	LESS BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-88	SUPPLEMENTARY STRAINER
-92	GALVANIZED CAST IRON PARTS
-ARE	ACID RESISTANT EPOXY COATING

* AVAILABLE WITH -AE ONLY

DATE OF LAST CHANGE: 04/25/15
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

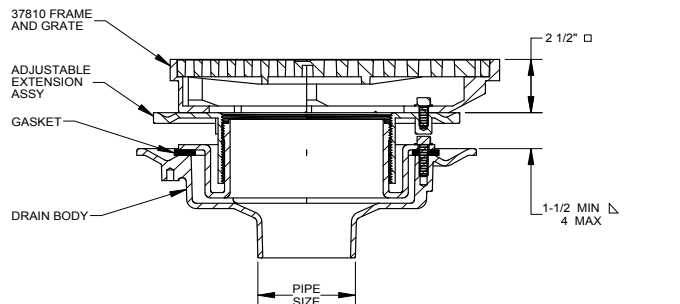
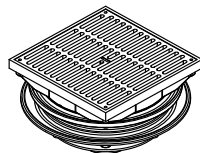
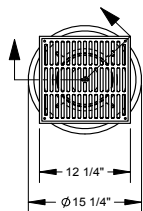
SPECIFICATION:

JOSAM 37810-AE SERIES COATED CAST IRON FLOOR DRAIN, MEDIUM-SUMP BODY, ADJUSTABLE EXTENSION, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP WITH HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN
12" HEAVY-DUTY TOP, ADJUSTABLE EXTENSION

SERIES **37810-AE**

SEE BASE PRODUCT SUBMITTAL 37810 FOR OTHER DETAILS, DIMENSIONS, AND OPTIONS



- ADD 1/4" WHEN FURNISHED WITH BRONZE OR NIKALOY TOP
 ▢ 2-1/4" MIN - 4-1/4" MAX WHEN USED WITH (-4) SECONDARY CLAMP

DATE OF LAST CHANGE: 07/24/12

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

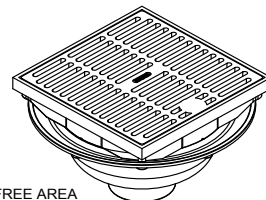
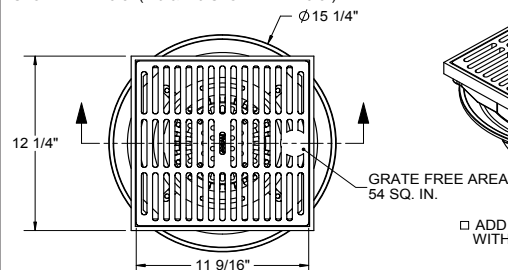
JOSAM 37820 SERIES COATED CAST IRON FLOOR DRAIN WITH TWO-PIECE DEEP BODY WITH DOUBLE DRAINAGE FLANGE, NON-PUNCTURING FLASHING FRAME, WEEPHOLES, BOTTOM OUTLET, SQUARE TOP, HEAVY-DUTY LOOSE SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

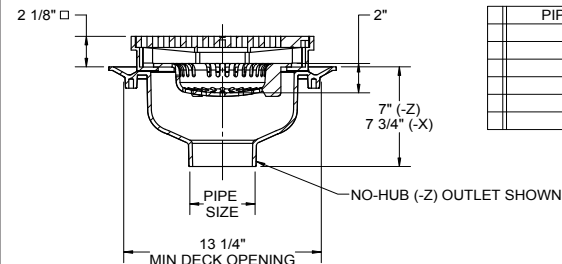
12" HEAVY-DUTY TOP, DEEP SUMP

SERIES **37820**

SLOT WIDTH 3/8" (-19 & -20 SLOT WIDTH 3/8")



- ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP



PIPE SIZE	
	2"
	3"
	4"
	5"
	6"
	8"

-AE	THREADED LEVELIZE ADJ. EXT.	-50	1/2" PRIMER TAP
-4	SECONDARY FLASHING CLAMP (-AE ONLY)	-66	NO-HUB SIDE OUTLET (2"-6" SIZES ONLY)
-7	DUCTILE IRON GRATE	-70	LESS BUCKET
-14	HINGED GRATE	-84	STAINLESS STEEL MESH BUCKET LINER
-VP	SECURED GRATE, VANDAL-PROOF SCREWS	-88	SUPPLEMENTARY STRAINER
-18	HINGED GRATE WITH LATCHING DEVICE	-92	GALVANIZED CAST IRON PARTS
-19	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH NIKALOY TOP	-ARE	ACID RESISTING EPOXY
-20	HVY-DUTY DUCTILE UNDERGRATE, SATIN FINISH BRONZE TOP	-X	INSIDE CAULK OUTLET
-49	3/4" PRIMER TAP	-Z	NO-HUB SPIGOT OUTLET

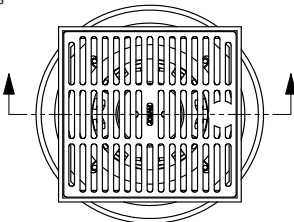
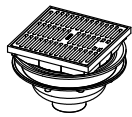
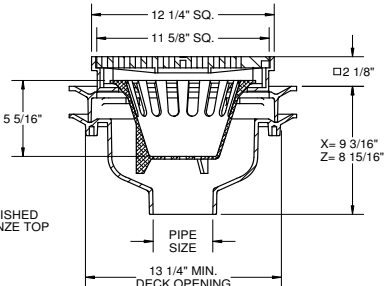
DATE OF LAST CHANGE: 04/25/15

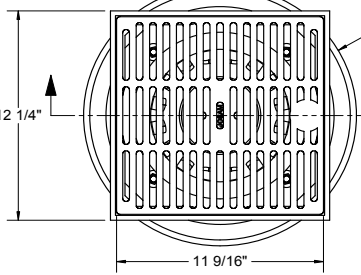
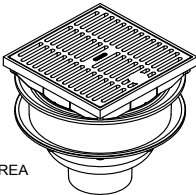
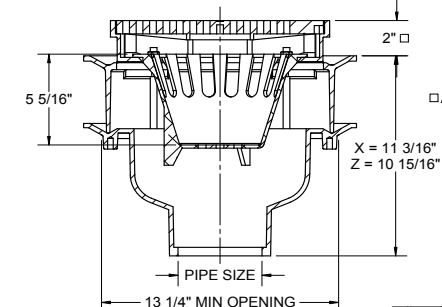
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
 MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:	FLOOR DRAIN																											
JOSAM 37830 SERIES COATED CAST IRON FLOOR DRAIN, DOUBLE DRAINAGE FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE TOP AND HEAVY-DUTY HINGED LATCHING GRATE AND REMOVABLE SEDIMENT BUCKET.	12" TOP WITH LATCHING GRATE																											
	SERIES 37830	FORMERLY 35620A SERIES																										
GRATE FREE AREA: 54 IN ² STD. CAST IRON SLOT WIDTH: 3/8" -19 AND -20 SLOT WIDTH 3/8"																												
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>PIPE SIZE</th> </tr> </thead> <tbody> <tr><td>2"</td></tr> <tr><td>3"</td></tr> <tr><td>4"</td></tr> <tr><td>5"</td></tr> <tr><td>6"</td></tr> </tbody> </table>	PIPE SIZE	2"	3"	4"	5"	6"																						
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DATE OF LAST CHANGE: 6/16/14	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES																										

SPECIFICATION:	FLOOR DRAIN																															
JOSAM 37840 SERIES COATED CAST IRON FLOOR DRAIN DOUBLE DRAINAGE FLANGE, SEEPAGE SLOTS, BOTTOM OUTLET, SQUARE TOP AND HEAVY-DUTY SECURED GRATE AND REMOVABLE SEDIMENT BUCKET. TOP FRAME SERVES AS CLAMP RING.	12" TOP WITH BUCKET																															
	SERIES 37840	FORMERLY 35330 SERIES																														
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	<p>GRATE FREE AREA 54 SQ. IN.</p>																															
																																
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-Q1	SOLID COVER																															
DATE OF LAST CHANGE: 04/25/15	JOSAM COMPANY MICHIGAN CITY, INDIANA	NOTES																														

SPECIFICATION:

JOSAM 37900 SERIES COATED CAST IRON LEVELEZE® FLOOR DRAIN WITH SQUARE GRATE SET IN SQUARE FRAME, GRATE SUPPORT COLLAR WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, BOTTOM OUTLET, ADJUSTABLE COLLAR, SUPPORT RING, LARGE SUMP BODY, REMOVABLE SEDIMENT BUCKET AND HEAVY-DUTY DUCTILE IRON GRATE.

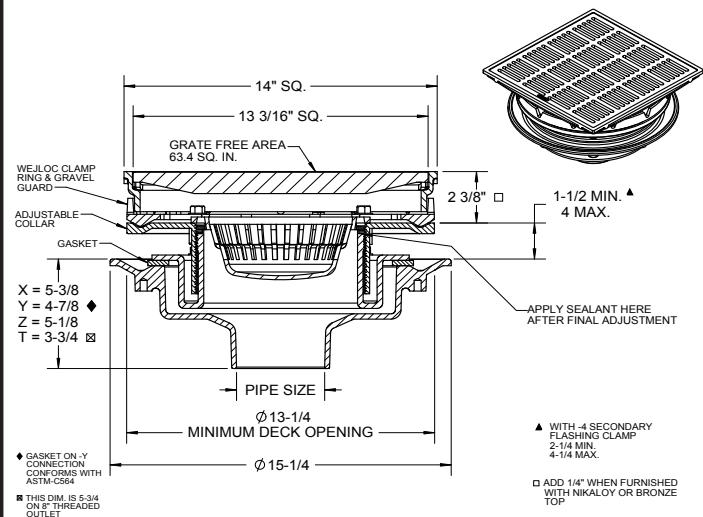
FLOOR DRAIN**14" PACKING HOUSE TYPE**

SERIES

37900

FORMERLY 31800 SERIES

SLOT WIDTH 9/16" (-19 & -20 SLOT WIDTH 1/4")



	2"	PIPE SIZE		-4	SECONDARY FLASHING CLAMP
	3"	PIPE SIZE		-15	CHAINED GRATE
	4"	PIPE SIZE		-19	HVY-DUTY DUCTILE IRON UNDERGRATE, SATIN FINISH NIKALOY TOP
	5"	PIPE SIZE		-20	HVY-DUTY DUCTILE IRON UNDERGRATE, SATIN FINISH BRONZE TOP
	6"	PIPE SIZE		-70	LESS BUCKET
	8"	PIPE SIZE		-84	STAINLESS STEEL MESH BUCKET LINER
				-88	SUPPLEMENTARY STRAINER
	-X	INSIDE CAULK OUTLET		-92	GALVANIZED CAST IRON PARTS
	-Y	HUB OUTLET W/GASKET (2", 3" & 4" SIZES ONLY)			
	-Z	NO-HUB SPIGOT OUTLET		-VP	SECURED GRATE, VANDAL-PROOF SCREWS
	-T	THREADED OUTLET			

DATE OF LAST CHANGE: 04/27/15

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 37960 SERIES COATED CAST IRON FLOOR DRAIN DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET WITH INSIDE CAULK CONNECTION, SQUARE TOP, MEDIUM-DUTY LOOSE-SET SUPERFLO® GRATE AND SECONDARY STRAINER.

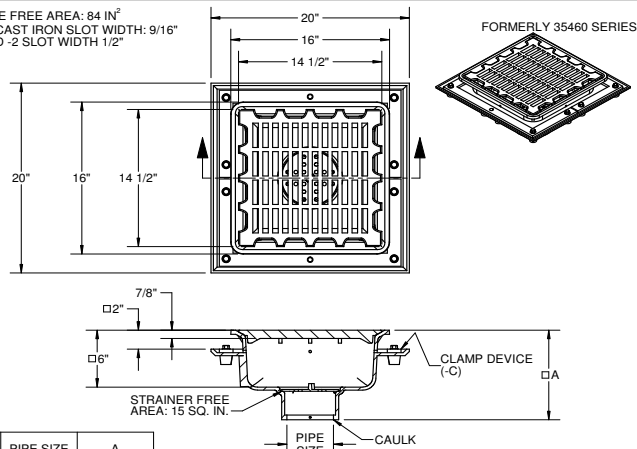
FLOOR DRAIN**16" SUPER-FLO® TOP**

SERIES

37960

FORMERLY 35460 SERIES

GRATE FREE AREA: 84 IN²
STD. CAST IRON SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH 1/2"



PIPE SIZE	A
2"	9-1/4
3"	9-1/4
4"	9-1/2
5"	9-7/8
6"	9-7/8

Ø 2" SIZE FURNISHED WITH CAULK RING

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-LG	LESS GRATE, CI
-LG1	LESS GRATE, NIKALOY
-LG2	LESS GRATE, BRONZE
-11	EXTRA-HEAVY DUTY GRATE
-15	CHAINED GRATE
-LF	LESS DOUBLE DRAINAGE FLANGE

-C	BOLTED FLASHING CLAMP DEVICE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-81	SLOTTED CAST IRON BUCKET
-84	SS MESH BUCKET LINER (MUST SPECIFY -81)
-92	GALVANIZED CAST IRON PARTS
-92-LF	GALVANIZED PARTS, LESS FLANGE
-92-LG-LF	GALV. PARTS, LESS GRATE, LESS FLANGE
-ARE	ACID RESISTING EPOXY (SEE 49400)

DATE OF LAST CHANGE: 6/13/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

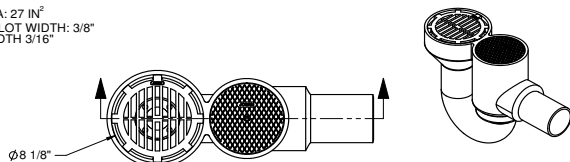
SPECIFICATION:

JOSAM 38040 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET SPIGOT CONNECTION, ROUND TOP, MEDIUM-DUTY LOOSE-SET SUPERFLO® GRATE AND CLEANOUT PROTECTED BY TRACTOR COVER.

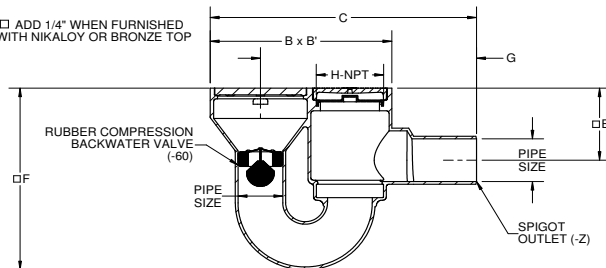
**FLOOR DRAIN
ROUND TOP AND CLEANOUT**

SERIES **38040**

GRATE FREE AREA: 27 IN²
STD. CAST IRON SLOT WIDTH: 3/8"
-1 AND -2 SLOT WIDTH 3/16"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP



PIPE SIZE	B x B'	C	E	F	G	H
2"	14-1/8 x 9	21-1/8	5-3/4	13-1/2	16-5/8	4
3"	16-1/4 x 9	23-13/16	6-3/4	17	19-3/8	5
4"	16-1/4 x 9	23-13/16	6-3/4	17	19-3/8	5

*NOTE: 3" SIZE USES A 4" BODY WITH 4" x 3" REDUCING COUPLING

-1 SATIN FINISH NIKALOY TOP	-51 1-1/2" AUXILIARY THREAD INLET
-2 SATIN FINISH BRONZE TOP	-52 2" AUXILIARY THREAD INLET
-7 DUCTILE IRON GRATE	-60 BACKWATER VALVE
-11 EXTRA HEAVY-DUTY GRATE	-81 SLOTTED CAST IRON BUCKET
-15 CHAINED GRATE	-81-92 SLOTTED IRON BUCKET, GALVANIZED PARTS
-VP SECURED GRATE, VANDAL-PROOF SCREWS	-84 SS MESH BUCKET LINER (MUST SPECIFY -81)
-HP HEEL-PROOF GRATE, CL 5/16" SLOT WIDTH, 25 SQ IN FREE AREA	-88 SUPPLEMENTARY STRAINER
-49 3/4" PRIMER TAP	-92 GALVANIZED CAST IRON PARTS
-50 1/2" PRIMER TAP	

DATE OF LAST CHANGE: 12/23/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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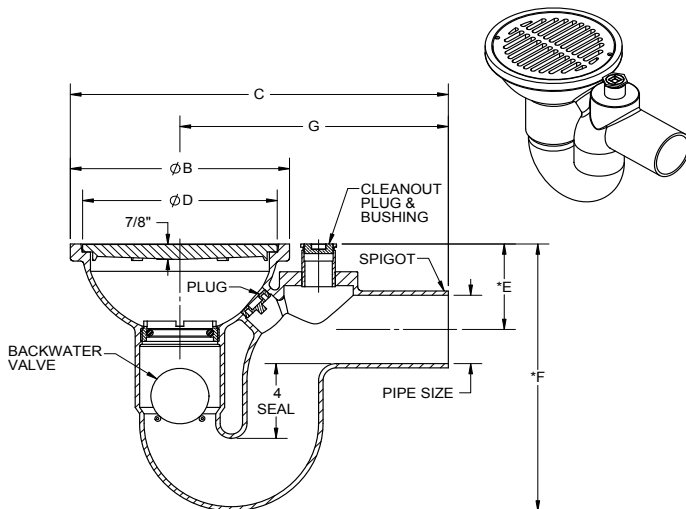
JOSAM 38250A SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET SPIGOT CONNECTION, ROUND TOP, MEDIUM-DUTY LOOSE-SET GRATE, FLUSH-WITH-FLOOR CLEANOUT AND BALL-FLOAT TYPE BACKWATER VALVE.

**FLOOR DRAIN
ROUND TOP W/CLEANOUT & BWV**

SERIES **38250A**

SLOT WIDTH 7/16" (-1 & -2 SLOT WIDTH 7/16")

* WHEN FURNISHED WITH NIKALOY OR BRONZE TOP ADD 1/4" ON 2" & 3" OUTLET TYPES, ADD 1/2" ON 4" OUTLET TYPE.



PIPE SIZE	ØB	DIM C	ØD	DIM E	DIM F	DIM G	FREE AREA
2"	9"	15"	8"	4-1/2"	11-7/8"	10-1/2"	17.7
3"	10"	18"	9"	3-7/8"	12-3/4"	13"	18.3
4"	12-1/4"	21"	11"	5-3/8"	15-5/8"	15"	29.4

-1 SATIN FINISH NIKALOY TOP	-VP SECURED GRATE, VANDAL-PROOF SCREWS
-2 SATIN FINISH BRONZE TOP	-61 LESS BACKWATER VALVE
-15 CHAINED GRATE	-92 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/27/15

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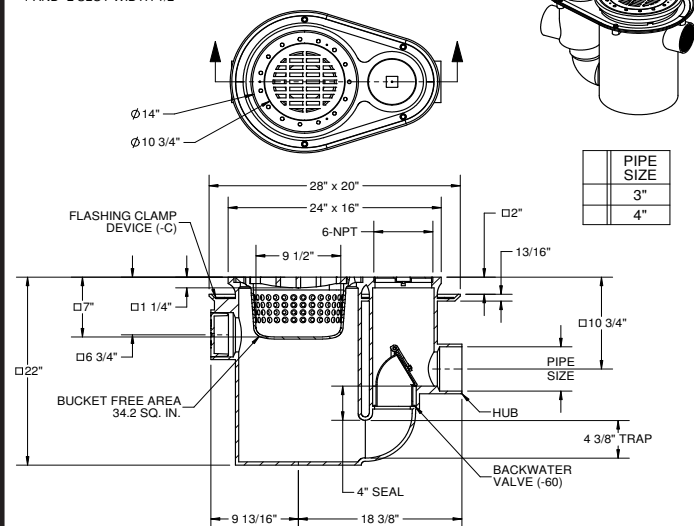
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38420 SERIES COATED CAST IRON COMBINATION EXTRA DEEP FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB CONNECTION, ROUND TOP, FLUSH-WITH-FLOOR CLEANOUT AND REMOVABLE SEDIMENT BUCKET WITH INTERNAL AUXILIARY DRAINAGE RIM DESIGNED SO THAT MEDIUM-DUTY LOOSE-SET NON-CLOG GRATE CANNOT BE REPLACED UNLESS BUCKET IS IN POSITION.

GRATE FREE AREA: 21.4 IN²
STD. CAST IRON SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH 1/2"



□ ADD 1/4\" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

Δ		-IGS	INTERNAL GAS SEAL (4\" SIZE ONLY)
	-1	-1	SATIN FINISH NIKALOY TOP
	-2	-2	SATIN FINISH BRONZE TOP
	-15	-15	CHAINED GRATE
	-VP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

Δ SEPERATE SUBMITTAL FOR THIS OPTION AVAILABLE

FLOOR DRAIN

NON-CLOG WITH CLEANOUT & BUCKET

SERIES

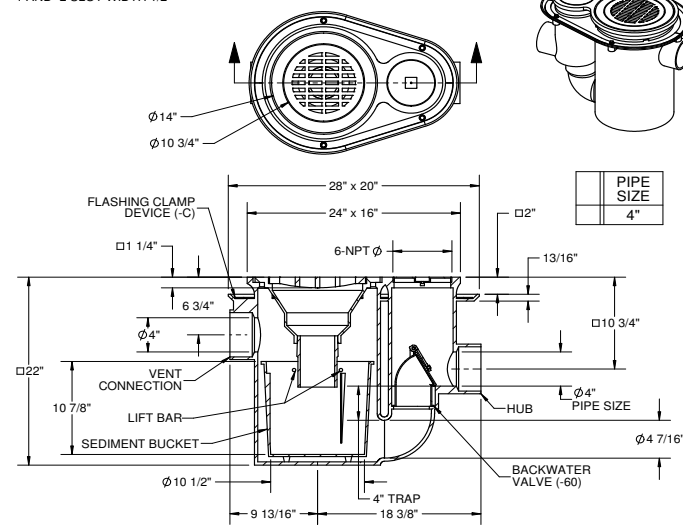
38420

PIPE SIZE
3"
4"

SPECIFICATION:

JOSAM 38420-IGS SERIES COATED CAST IRON COMBINATION FLOOR EXTRA DEEP DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB VENT CONNECTION, ROUND TOP, FLUSH-WITH-FLOOR CLEANOUT AND REMOVABLE SEDIMENT BUCKET, FUNNEL SHAPED INTERNAL SEAL WITH INTEGRAL RIM DESIGNED SO THAT HEAVY-DUTY GRATE CANNOT BE REPLACED UNLESS FUNNEL IS IN POSITION.

GRATE FREE AREA: 21.4 IN²
STD. CAST IRON SLOT WIDTH: 1/2"
-1 AND -2 SLOT WIDTH 1/2"



□ ADD 1/4\" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

X		-IGS	INTERNAL GAS SEAL
	-1	-1	SATIN FINISH NIKALOY TOP
	-2	-2	SATIN FINISH BRONZE TOP
	-15	-15	CHAINED GRATE
	-VP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

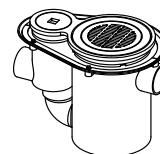
FLOOR DRAIN

WITH INTERNAL GAS SEAL

SERIES

38420-IGS

FORMERLY 39420 SERIES



PIPE SIZE
3"
4"

DATE OF LAST CHANGE: 6/12/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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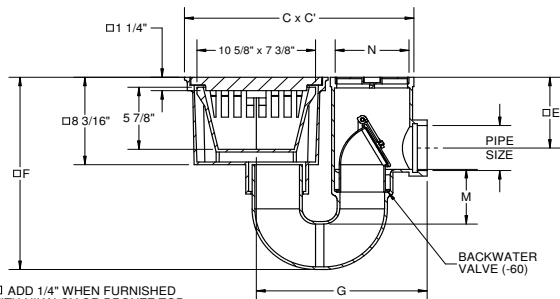
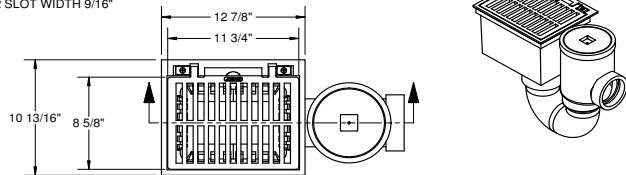
SPECIFICATION:

JOSAM 38620-40 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP, SIDE OUTLET THREADED CONNECTION, RECTANGULAR TOP, FLUSH-WITH-FLOOR CLEANOUT, REMOVABLE MEDIUM-DEEP SEDIMENT BUCKET AND HEAVY-DUTY HINGED GRATE.

FLOOR DRAIN
13" x 11" TOP
WITH HINGED GRATE

SERIES **38620-40**

GRATE FREE AREA: 43.5 IN²
STD. CAST IRON SLOT WIDTH: 9/16"
-1 AND -2 SLOT WIDTH 9/16"



□ ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

PIPE SIZE	C x C'	E	F	G	M	N
3"	19-1/2 x 10-7/8	7-1/8	17	14-1/4	5	5
4"	20-1/2 x 10-7/8	6-5/8	18	15-3/8	5	6

-1	SATIN FINISH NIKALOY TOP	-60	BACKWATER VALVE
-2	SATIN FINISH BRONZE TOP	-70	LESS BUCKET
-7	DUCTILE IRON GRATE	-84	STAINLESS STEEL MESH BUCKET LINER
-33	GALVANIZED BUCKET ONLY	-92	GALVANIZED CAST IRON PARTS
-49	3/4" PRIMER TAP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-50	1/2" PRIMER TAP		

DATE OF LAST CHANGE: 6/10/14

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JOSAM COMPANY
MICHIGAN CITY, INDIANA

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SPECIFICATION:

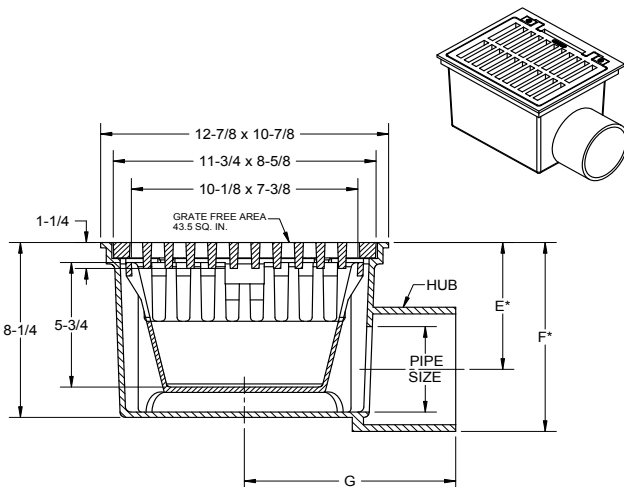
JOSAM 38640 SERIES COATED CAST IRON FLOOR DRAIN WITH SIDE OUTLET HUB CONNECTION, RECTANGULAR TOP, REMOVABLE SEDIMENT BUCKET AND EXTRA HEAVY-DUTY HINGED GRATE.

FLOOR DRAIN
13" x 11" TOP W/BUCKET

SERIES **38640**

SLOT WIDTH 9/16" (-1 & -2 SLOT WIDTH 9/16")

FORMERLY 36640 SERIES



PIPE SIZE	E	F	G
2"	7	8-3/4	8
3"	6-1/2	8-7/8	8-1/4
4"	6	8-7/8	8-5/8

* ADD 1/4" WHEN FURNISHED WITH NIKALOY OR BRONZE TOP

2"	PIPE SIZE	-7	DUCTILE IRON GRATE
3"	PIPE SIZE	-70	LESS BUCKET
4"	PIPE SIZE	-84	STAINLESS STEEL MESH BUCKET LINER
		-92	GALVANIZED CAST IRON PARTS
-1	SATIN FINISH NIKALOY TOP		
-2	SATIN FINISH BRONZE TOP	-VP	SECURED GRATE, VANDAL-PROOF SCREWS

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38820 SERIES COATED CAST IRON FLOOR DRAIN WITH FLASHING FLANGE, BOTTOM OUTLET, RECTANGULAR TOP, REMOVABLE DEEP SEDIMENT BUCKET AND MEDIUM-DUTY LOOSE-SET TRACTOR GRATE. TOP FRAME SERVES AS CLAMP RING.

FLOOR DRAIN

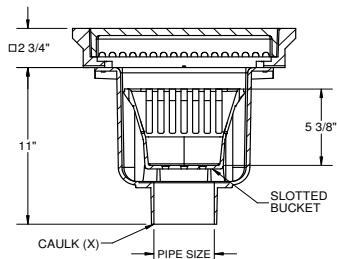
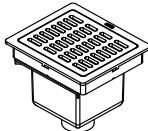
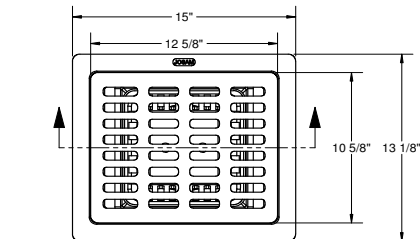
15" x 13" TOP WITH
TRACTOR GRATE

SERIES

38820

FORMERLY 36820A SERIES

TRACTOR GRATE FREE AREA: 35.2 IN²
STD. CAST IRON SLOT WIDTH: 5/8"
-1 AND -2 SLOT WIDTH 5/8"



PIPE SIZE	E	F
3"	10-3/8	12-1/8
4"	10-1/2	12-3/8

□ ADD 1/4" WHEN FURNISHED WITH
NIKALOY OR BRONZE TOP

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP

-66	NO-HUB SIDE OUTLET
-74	ALUMINUM BUCKET
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET

DATE OF LAST CHANGE: 6/6/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 38830 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL DEEP SEAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, SIDE OUTLET HUB CONNECTION, RECTANGULAR TOP, HEAVY-DUTY HINGED GRATE, REMOVABLE DEEP SEDIMENT BUCKET AND INTERNAL BRONZE CLEANOUT.

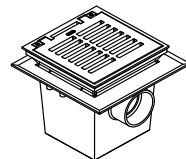
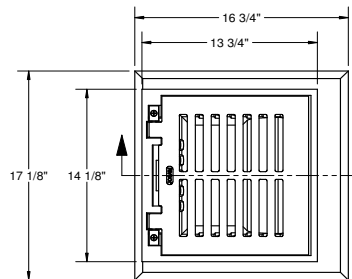
FLOOR DRAIN

13-3/4" x 14-1/8" TOP
WITH HINGED GRATE

SERIES

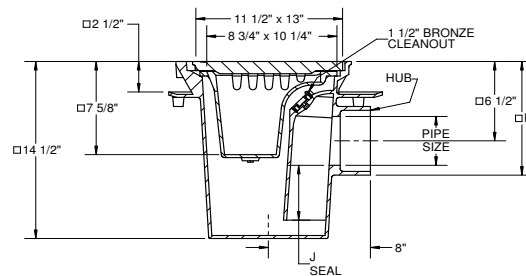
38830

GRATE FREE AREA: 40.1 IN²
STD. CAST IRON SLOT WIDTH: 5/8"
-1 AND -2 SLOT WIDTH 5/8"



PIPE SIZE	F	J
3"	8-7/8"	5
4"	9-3/8"	4-1/2

□ ADD 1/4" WHEN FURNISHED
WITH NIKALOY OR BRONZE TOP



-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE TOP
-7	DUCTILE IRON GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS

-49	3/4" PRIMER TAP
-50	1/2" PRIMER TAP
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 6/5/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

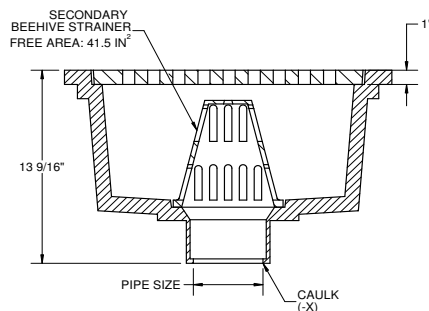
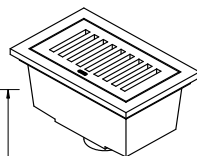
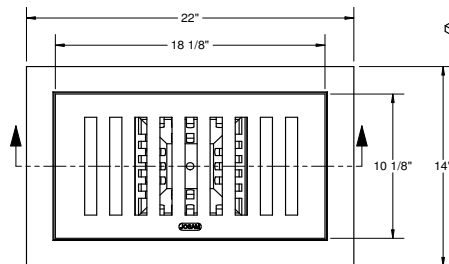
JOSAM 38850 SERIES COATED CAST IRON FLOOR DRAIN, BOTTOM OUTLET INSIDE CAULK CONNECTION, RECTANGULAR TOP, HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE INTERNAL DOME STRAINER

FLOOR DRAIN
22" x 14" TOP WITH
INTERNAL DOME STRAINER

SERIES **38850**

FORMERLY 38850 SERIES

GRATE FREE AREA: 50.2 IN²
STD. CAST IRON SLOT WIDTH: 13/16"



PIPE SIZE
3"
4"
**5"
6"

*NOTE: 3" SIZE USES A 4" BODY
WITH A 4" x 3" REDUCING BUSHING

**NOTE: 5" SIZE USES A 6" BODY
WITH A 6" x 5" REDUCING BUSHING

-7	DUCTILE IRON COVER
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-92	GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 6/3/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

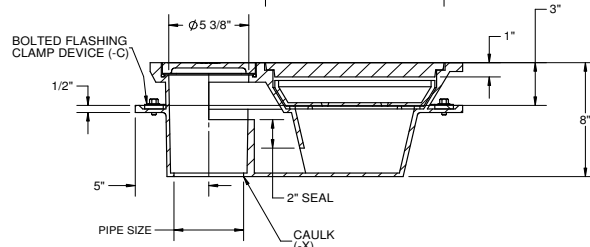
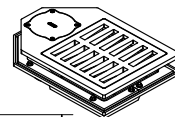
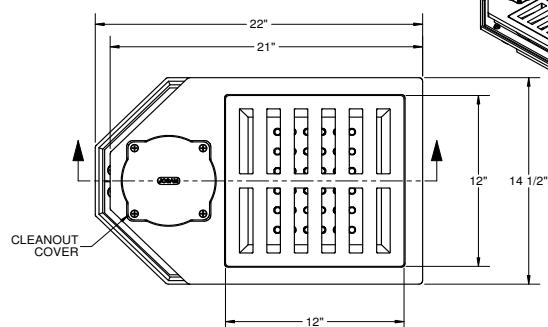
SPECIFICATION:

JOSAM 38930 SERIES COATED CAST IRON COMBINATION FLOOR DRAIN AND INTEGRAL TRAP WITH DOUBLE DRAINAGE FLANGE, WEEPHOLES, BOTTOM OUTLET INSIDE CAULK CONNECTION, RECTANGULAR TOP, HEAVY-DUTY LOOSE-SET GRATE, REMOVABLE SEDIMENT BUCKET AND FLUSH-WITH-FLOOR CLEANOUT.

FLOOR DRAIN
21" x 14-1/2" TOP,
CLEANOUT, BUCKET

SERIES **38930**

GRATE FREE AREA: 50 IN²
STD. CAST IRON SLOT WIDTH: 7/8"



-7	DUCTILE IRON GRATE
-15	CHAINED GRATE
-VP	SECURED GRATE, VANDAL-PROOF SCREWS
-C	BOLTED FLASHING CLAMP DEVICE
-84	STAINLESS STEEL MESH BUCKET LINER
-92	GALVANIZED CAST IRON PARTS

PIPE SIZE
3"
4"

*NOTE: 3" SIZE USES A 4" BODY
WITH A 4" x 3" REDUCING BUSHING

DATE OF LAST CHANGE: 6/3/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS
TOLERANCES AND CHANGE WITHOUT NOTICE.
WE CAN ASSUME NO RESPONSIBILITY FOR
USE OF SUPERSEDED OR VOID DATA.

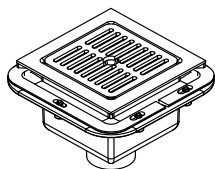
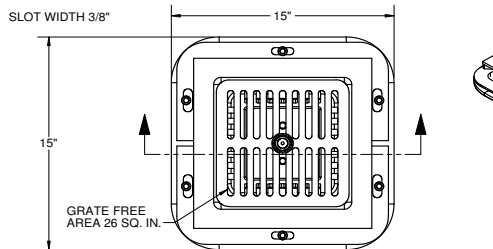
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

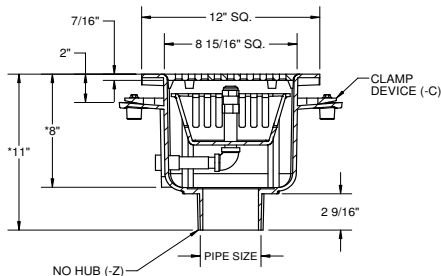
SPECIFICATION:

JOSAM SERIES 39240 SQUARE CAST IRON CAN WASH DRAIN, DOUBLE DRAINAGE FLANGE WITH WEEPHOLES, BOTTOM OUTLET, REMOVABLE SEDIMENT BUCKET, BRONZE SPRAY NOZZLE ASSEMBLY AND CAST IRON NON-TRAFFIC GRATE.

FLOOR DRAIN
12" SQUARE TOP,
CAN WASH DRAIN

 SERIES **39240**


PIPE SIZE
3"
4"



NOTE: VACUUM BREAKER SHOULD BE INSTALLED SUBJECT TO LOCAL CODE REQUIREMENTS

*ADD 3/8" WHEN FURNISHED WITH -1 OR -2 OPTION

-1	SATIN FINISH NIKALOY TOP
-2	SATIN FINISH BRONZE
-15	CHAINED GRATE
-35	BUCKET LINER (STAINLESS STEEL)

-92	GALVANIZED CAST IRON, INSIDE AND OUTSIDE (NO ARE)
-66	NO-HUB SIDE OUTLET
-C	CLAMP DEVICE
-X	INSIDE CAULK OUTLET
-Z	NO-HUB OUTLET

DATE OF LAST CHANGE: 5/22/14

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

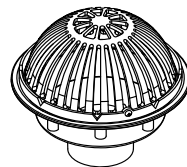
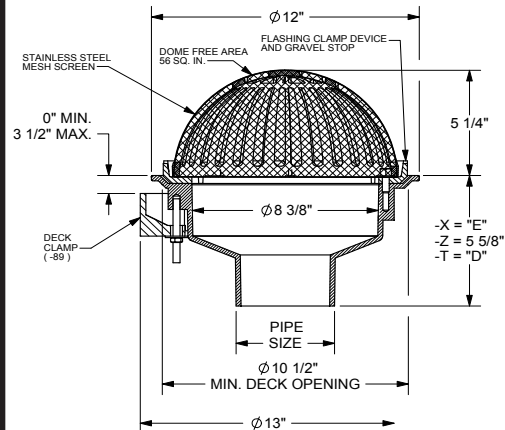
JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

SPECIFICATION:

JOSAM 39600 SERIES COATED CAST IRON PLANTING AREA DRAIN WITH FLASHING FLANGE AND CLAMP DEVICE, BOTTOM OUTLET, STAINLESS STEEL MESH SCREEN COVERED DOME SECURED IN PLACE BY BOLTS.

FLOOR DRAIN
PLANTING AREA DRAIN

 SERIES **39600**


2"	PIPE SIZE
3"	PIPE SIZE
4"	PIPE SIZE
5"	PIPE SIZE
6"	PIPE SIZE
-X	INSIDE CAULK OUTLET
-Z	NO-HUB SPIGOT OUTLET
-T	THREADED OUTLET
-66	NO-HUB SIDE OUTLET
-89	DECK CLAMP ASSEMBLY
-92	GALVANIZED CAST IRON PARTS

PIPE SIZE	D	E
2"	4 3/4"	6 1/4"
3"	4 3/4"	6 1/4"
4"	4 1/2"	6 1/4"
5"	4 3/8"	6"
6"	4"	5 3/4"

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SPECIFICATION:

JOSAM 39720 SERIES COATED CAST IRON AREA DRAIN WITH COMPOSITION DECK FLANGE, BOTTOM OUTLET, 11" ROUND TOP, HEAVY-DUTY LOOSE-SET GRATE AND REMOVABLE SEDIMENT BUCKET.

FLOOR DRAIN

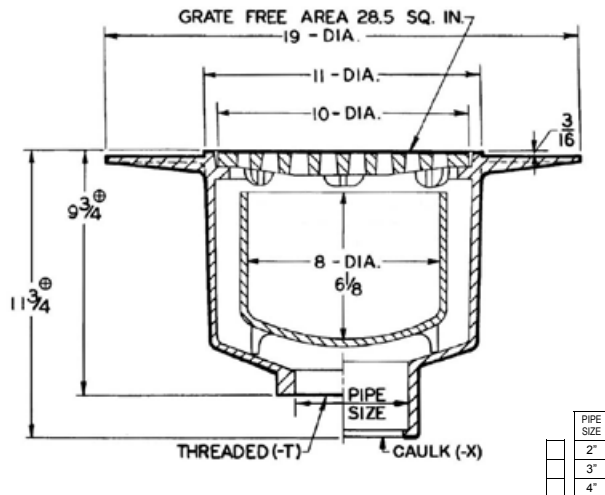
11" TOP COMPOSITION DECK FLANGE

SERIES

39720

SLOT WIDTH 5/8" (-1 & -2 SLOT WIDTH 1/2")

⊕ ADD 1/4" WHEN FURNISHED W/ NIKALOY OR BRONZE TOP



PIPE SIZE
2"
3"
4"

- 1 SATIN FINISH NIKALOY TOP
- 2 SATIN FINISH BRONZE TOP
- 7 DUCTILE IRON GRATE
- 13 DOME GRATE, CAST IRON
- 13-1 DOME GRATE, NIKALOY
- 13-2 DOME GRATE, BRONZE

- 15 CHAINED GRATE
- VP SECURED GRATE, VANDAL-PROOF SCREWS
- 70 LESS BUCKET
- 92 GALVANIZED CAST IRON PARTS
- T THREADED OUTLET
- X INSIDE CAULK OUTLET

DRAWING No. 05/16/08

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES:

SPECIFICATION:

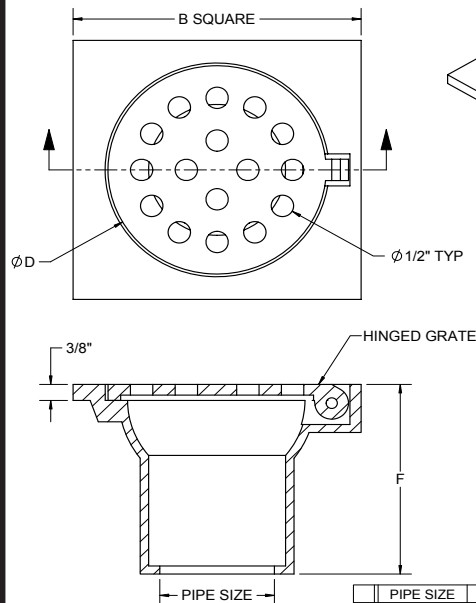
JOSAM 39960 SERIES COATED CAST IRON FLOOR DRAIN, BOTTOM OUTLET, INSIDE CAULK CONNECTION AND SQUARE TOP WITH ROUND HINGED GRATE.

FLOOR DRAIN

SQUARE TOP W/ HINGED GRATE

SERIES

39960



	PIPE SIZE	B	D	F	FREE AREA
	2"	6	4-7/8	4-1/2	3.0
	3"	9	7-3/8	6-1/8	6.6
	4"	12	10-1/8	7	11.4

- VP SECURED GRATE, VANDAL-PROOF SCREWS
- ARE ACID-RESISTING EPOXY
- 92 GALVANIZED CAST IRON PARTS

DATE OF LAST CHANGE: 04/27/15

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

JOSAM COMPANY
MICHIGAN CITY, INDIANA

NOTES