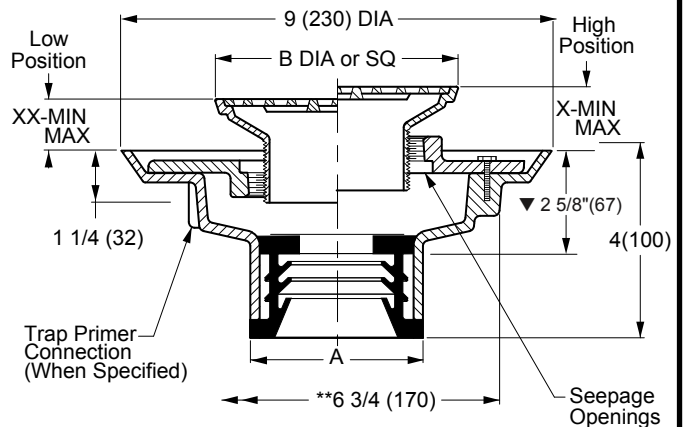
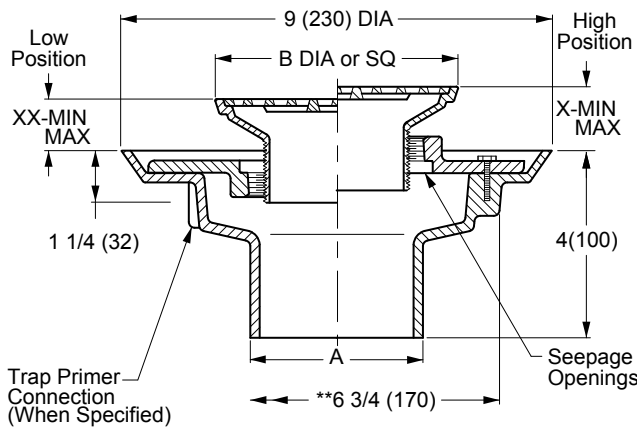


# FLOOR OR SHOWER DRAINS WITH ADJUSTABLE STRAINER HEADS

**FUNCTION:** General service floor drain for use in showers, toilets, kitchens and other finished areas where foot traffic is expected. The round top strainer head is used for all types of poured finished floors. The square top is particularly adaptable to floors that are finished in material of square or straight line pattern. Reversible flashing collar permits adjustment of the strainer to meet finished floor level.



A (Pipe Size) = 02(50), 03(75), 04(100), 05(125) or 06(150)

**NO-HUB OUTLET**

- Fig. 2005Y.....(A) ROUND TOP
- Fig. 2005Y.....(B) SQUARE TOP

**SPEEDI-SET OUTLET**

- Fig. 2005L.....(A) ROUND TOP
- Fig. 2005L.....(B) SQUARE TOP

Outlet Size	Nickel Bronze Strainer Head
▲ 02(50)	05(125) DIA or SQ
▲ 03(75)	06(150) DIA or SQ
▲ 04(100)	08(205) DIA or SQ

Strainer Size B	*Collar In High Position X		*Collar In Low Position XX		Free Area SQ IN (SQ CM)	
	MIN	MAX	MIN	MAX	ROUND	SQUARE
05 (125)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	7(45)	6.5(42)
06 (150)	1 1/4(32)	2 1/4(57)	3/4(19)	1 5/8(41)	9(58)	12.5(81)
07 (180)	1 1/4(32)	2 1/4(57)	7/8(22)	1 7/8(48)	14(90)	11(71)
08 (205)	1 1/2(38)	2 1/2(64)	1(25)	1 7/8(48)	17(110)	14(90)
*09 (230)	1 1/2(38)	2 3/8(60)	1(25)	1 7/8(48)	18(116)	16(103)
*10 (255)	1 1/2(38)	2 3/8(60)	1(25)	1 7/8(48)	23(48)	16(103)

- ▼ This dimension to internal stop of speedi-set gasket.
- Add 3/8"(10) to all min/max dimensions for round strainers.
- \* Collar is reversible to obtain extreme high and low strainer positions.
- \*\* Not available for 5"(125) size strainer.
- \*\* MIN 6 3/4"(170) hole required for core drilled application.

**REGULARLY FURNISHED:**  
 Duco Cast Iron Body with Flashing Collar and Adjustable Strainer Head as Indicated by Suffix Letter Selected.

**NOTE:** Dimensions shown in parentheses are in millimeters.

- ▲ Meets ASME Standard A112.6.3-2001 02(50), 03(75) or 04"(100) sizes only.

**VARIATIONS:**

- Flapper Type Backwater Valve -V
- \*\*  Hinged Grate -H
- L Speedi-Set Service Weight 2(50), 3(75) & 4"(100) only
- LXH Speedi-Set Extra Heavy 2(50), 3(75) & 4"(100) only
- Sediment Bucket -B
- Trap Primer Connection -P050 1/2" (13) & -P075 3/4" (19)
- Vandal Proof Screws -U
- Wide Flanged Strainer (Specify Fig. DX2005)
- T Threaded Outlet

**OPTIONAL MATERIALS:**

- Bronze Body -BB
- Chrome Plated Strainer -CP
- Galvanized Cast Iron Body -G
- Nickel Bronze Strainer -NB
- Polished Bronze Strainer -PB
- Stainless Steel (Specify Fig. 9700-A)

**SEE PM0457 FOR OPTIONAL STRAINER HEADS.**

DRAWING NUMBER: S2005  
 SIZE: A  
 SCALE: NONE  
 DATE: 5-17-85  
 APPROVED BY: TD  
 CHECKED BY: TD  
 DRAWN BY: PJ  
 FIGURE NUMBER: 2005

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

REV.	DATE	DESCRIPTION	BY	CKD.	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
M	10/24/06	NO-HUB to SPEEDI-SET	RN	CL			<b>2005</b>
L	9/22/06	Revised ANSI Note	RN	CL			
K	05/10/05	Revised ANSI Note	JJ	AM			
J	04/10/03	Added 6" to Pipe Size	JJ	CL			

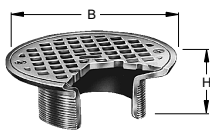


# OPTIONAL STRAINER HEADS

G  
 DRAWING NUMBER PM0457 SH 1 of 2  
 SIZE A  
 SCALE NONE  
 DATE: 5-17-85  
 APPROVED BY: TD  
 CHECKED BY: TD  
 DRAWN BY: PJ  
 2010 SERIES OPTIONAL STRAINER HEADS  
 FIGURE NUMBER

ASSUME NO RESPONSIBILITY OR USE OF SUPERSEDED OR VOID DATA  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

## ROUND STRAINER



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

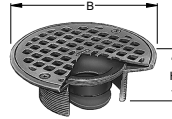
**VARIATIONS:**  
 \*Hinged Grate (Specify Suffix -AH)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/2 (64)	2 3/4 (70)

Specify Type, Size & Finish eg: A05NB  
 \*Not available for 05" (125) size

**SUFFIX -A**

## FLAPPER TYPE BACKWATER VALVE



**FUNCTION:** Provides backwater protection at point where protection is needed.

**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

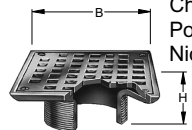
**VARIATIONS:**  
 \*Hinged Grate (Specify Suffix -AH)  
 Vandal Proof Screws -U

B DIA	05 (125)	06 (150)	07 (180)	08 (205)
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

Specify Type, Size & Finish eg: AV05NB  
 \*Not available for 05" (125) size

**SUFFIX -AV**

## SQUARE STRAINER



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

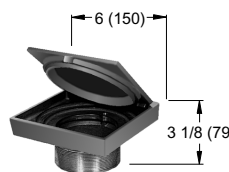
**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -BV) 05 (125), 06 (150), 07 (180) or 08" (205) sizes only  
 \*Hinged Grate (Specify Suffix -BH)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

B DIA	05 (125)	06 (150)	07 (180)	08 (205)	09 (230)	10 (255)
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 1/4 (57)
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	2 3/8 (60)

Specify Type, Size & Finish eg: B05NB  
 \*Not available for 05" (125) size

**SUFFIX -B**

## STRAINER HEAD w/SQUARE HINGED COVER



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

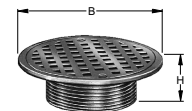
**VARIATIONS:**  
 Gasketed Water Tight Cover -GC  
 Secured Cover -SC  
 Secondary Strainer Grate-SG

Specify Type, Size & Finish eg: BSNB

**SUFFIX -BS**

## REINFORCED ROUND STRAINER

**FUNCTION:** Used in finished floors where light wheeled loads are anticipated.



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -CV)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

B DIA	05 (125)	06 (150)	08 (205)	10 (255)
H	2 (51)	2 (51)	2 1/2 (64)	2 3/4 (70)
MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)	1 7/8 (48)
MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)	2 3/4 (70)

Specify Type, Size & Finish eg: C06NB

**SUFFIX -C**

## REINFORCED TRACTOR STRAINER

**FUNCTION:** Used in finished floors where medium weight wheeled loads are anticipated and loose set non-tilt tractor grate is desired.



**MATERIALS:**  
 Cast Iron -CI  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -DV or -EV)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

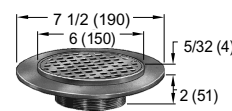
SUFFIX	B DIA	H	X	
			MIN	MAX
-D	07 (180)	3 1/4 (83)	2 5/8 (67)	3 1/2 (89)
-E	09 (230)	3 1/2 (89)	2 3/4 (70)	3 1/2 (89)

Specify Type, Size & Finish eg: D09PB  
 E09PB

**SUFFIX -D-E**

## TILE FLANGE

**FUNCTION:** Provides integral flange set 5/32" (4) below rim to receive floor covering. Flange may have option of tapped holes for securing pan and gasket.



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -FV)  
 Holes in Flange -SH  
 Sediment Bucket -B  
 Vandal Proof Screws -U

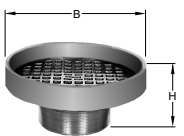
	X
MIN	1 1/4 (32)
MAX	2 1/8 (54)

Specify Type, Size & Finish eg: F06NB

**SUFFIX -F**

## ADJUSTABLE STRAINER HEAD

**FUNCTION:** Used in a non-traffic area when a funnel type strainer head is required and space does not allow use of the 3500 series funnel. The extended rim allows use as an anti-flood and anti-splash drip pan.



**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -F37V or F38V)

**MATERIALS:**  
 Cast Iron -CI  
 Chrome Plated -CP  
 Galvanized Cast Iron -G  
 Polished Bronze -PB  
 Nickel Bronze -NB

SUFFIX	-F37	-F38
B DIA	07 (180)	09 (230)
H	3 1/4 (83)	3 1/2 (89)
X MIN	2 5/8 (67)	2 3/4 (70)
X MAX	3 1/2 (89)	3 1/2 (89)

Specify Type, Size & Finish eg: F37NB F38CP

**SUFFIX -F37-F38**

REV.	DATE	DESCRIPTION	BY	CKD. BY
G	10-4-01	Revised Suffix-BS	RN	CL
F	8-24-99	Revised	TBW	BS
E	6-11-99	Revised Tables	CMD	BS
F	11-4-97	Added Nickel Bronze	EMB	

**FIGURE NUMBER**  
 2010 SERIES OPTIONAL  
 STRAINER HEADS  
 1 of 2

NOTE: Dimensions shown in parenthesis are in millimeters.

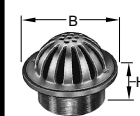


# OPTIONAL STRAINER HEADS

DRAWING NUMBER: PM0457 SH 2 of 2  
 SIZE: A  
 SCALE: NONE  
 DATE: 5-17-85  
 APPROVED BY: TD  
 CHECKED BY: TD  
 DRAWN BY: PJ  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE  
 ASSUME NO RESPONSIBILITY OR USE OF SUPERSEDED OR VOID DATA  
 2010 SERIES OPTIONAL STRAINER HEADS  
 FIGURE NUMBER

## LOW DOME STRAINER

**FUNCTION:** Used in gutters and recessed areas where excessive debris build-up is expected. Dome insures drainage even when partly covered.



B DIA	05 (125)	06 (150)	08 (205)
H	2 (51)	2 (51)	2 1/2 (64)
MIN	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)
MAX	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

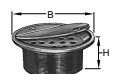
**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -GV)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

**SUFFIX -G** Specify Type, Size & Finish eg: G08PB

## SOLID HINGED COVER

**FUNCTION:** Used in areas where intermittent drain use is required. Solid cover prevents intrusion of chips, saw-dust, etc., which are swept up before cover is opened for washdown. The secondary strainer prevents debris from entering the waste line.



B DIA	05 (125)	06 (150)	07 (180)	08 (205)
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

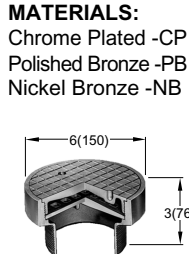
**MATERIALS:**  
 Cast Iron -CI  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -GV)  
 Vandal Proof Screws -U

**SUFFIX -H** Specify Type, Size & Finish eg: H05CP

## SPANNER WRENCH COVER

**FUNCTION:** Solid gas tight, vandal proof, threaded cover for areas where intermittent drain use is required.



**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -JV)  
 Holes in Flange -SH  
 Sediment Bucket -B  
 Vandal Proof Screws -U

**SUFFIX -J** Specify Type, Size & Finish eg: J06NB

## REINFORCED SQUARE STRAINER

**FUNCTION:** Used in finished floors where some light wheeled traffic is anticipated.



B SQ	05 (125)	06 (150)	07 (180)	08 (205)
H	2 (51)	2 (51)	2 1/4 (57)	2 1/2 (64)
X MIN	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/2 (38)
X MAX	2 1/4 (57)	2 1/4 (57)	2 1/4 (57)	2 1/2 (64)

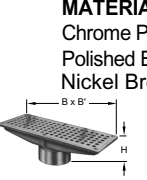
**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -KV)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

**SUFFIX -K** Specify Type, Size & Finish eg: K07CP

## RECTANGULAR STRAINER

**FUNCTION:** Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated.



SUFFIX	L	M	N	P	R	T
B x B'	1/2(115)x3(205)	1(100)x2(305)	5(125)x2(330)	5(125)x3(330)	8(150)x10(255)	5(125)x17(430)
H	2 1/4 (57)	2 1/2 (64)	2 1/4 (57)	3 (76)	2 1/4 (57)	3 (76)
X MIN	1 3/8 (35)	1 7/8 (49)	1 3/8 (35)	2 1/8 (54)	1 3/8 (35)	2 1/4 (57)
X MAX	2 3/8 (60)	2 3/4 (70)	2 3/8 (60)	3 (76)	2 3/8 (60)	3 1/8 (79)

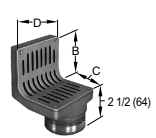
**MATERIALS:**  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Sediment Bucket -B  
 Vandal Proof Screws -U

**SUFFIX -L-M-N-P-R-T** Specify Type, Size & Finish eg: LNB

## ANGLE STRAINER

**FUNCTION:** Shower room drain set at wall and floor junction. Vertical grate openings prevent drain stoppage should flat surface become covered.



SUFFIX	B	C	D	X
				MIN MAX
-V	3 1/2 (89)	3 1/2 (89)	4 1/2 (115)	1 5/8 (41) 2 5/8 (67)
-W	6 3/4 (170)	6 3/4 (170)	6 1/2 (165)	1 5/8 (41) 2 5/8 (67)

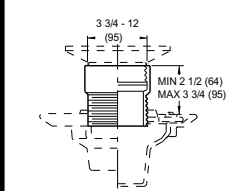
**MATERIALS:**  
 Cast Iron -CI  
 Chrome Plated -CP  
 Polished Bronze -PB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Vandal Proof Screws -U

**SUFFIX -V-W** Specify Type, Size & Finish eg: VPB, WNB

## EXTENSION ADAPTOR

**FUNCTION:** Used when a strainer head must be raised to accommodate deeper floor fill.



**REGULARLY FURNISHED:**  
 Duco Cast Iron -CI

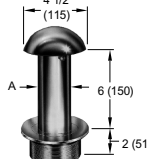
**MATERIALS:**  
 Cast Bronze -CB  
 Galvanized Cast Iron -G

**NOTE:** Extension can be stacked for increased maximum adjustment.

**SUFFIX -X**

## OVERFLOW WITH STANDPIPE

**FUNCTION:** Used as overflow drain in decorative pools, fish ponds or similar areas. Dome prevents floating objects from entering drain line.



SUFFIX	A	X
SIZE	MIN	MAX
-Y	2 (51)	3/4 (19)
-Z	3 (76)	3/4 (19)

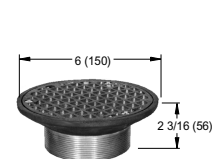
**MATERIALS:**  
 Chrome Plated -CP  
 Nickel Bronze -NB  
 Polished Bronze -PB

**VARIATIONS:**  
 Less Dome -LD  
 Standpipe Height other than 6" (150) (Specify Height)

**SUFFIX -Y-Z** Specify Type, Size & Finish eg: YCP, ZCP

## HEAVY DUTY ADJUSTABLE

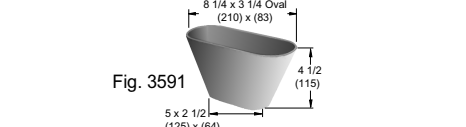
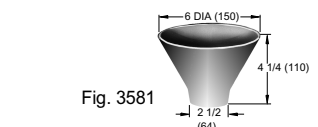
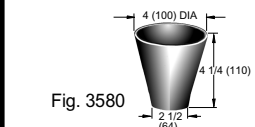
**FUNCTION:** Used in finished floors where light wheeled loads and or heavy foot traffic are anticipated.



**MATERIALS:**  
 Polished Bronze -PB  
 Rough Bronze -RB  
 Nickel Bronze -NB

**VARIATIONS:**  
 Flapper Type Backwater Valve (Specify Suffix -69V)  
 Sediment Bucket -B  
 Vandal Proof Screws -U

**SUFFIX -69** eg: A06NB-69



REV.	DATE	DESCRIPTION	BY	CKD. BY	FIGURE NUMBER
	8-24-99	Revised	TBW	BS	2010 SERIES OPTIONAL STRAINER HEADS 2 of 2
	6-11-99	Revised Tables	CMD	BS	
	1-22-99	T Strainer was S Strainer	TBW	BS	
	11-4-97	Added Nickel Bronze	EMB	BS	
	10-28-96	Chg'd Func of Suffix -V -W		BS	

NOTE: Dimensions shown in parenthesis are in millimeters.