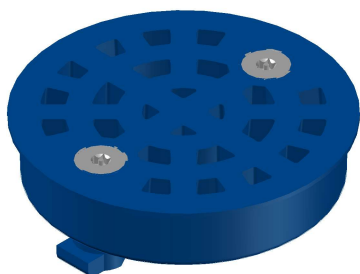




## PRODUCT SPECIFICATIONS



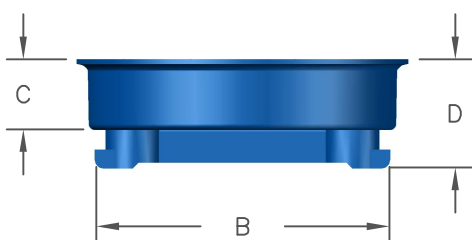
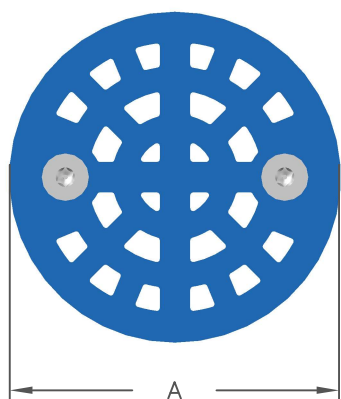
The PermaDrain® DrainShield is an easily installed, high security strainer that fits into any sink with a 3 1/2" drain opening. DrainShield locks into existing 3 1/2" lever waste drains preventing food particles and other debris from accumulating and clogging drain pipes. DrainShield also extends the lifespan of lever waste drains by protecting them from damage.

## Construction

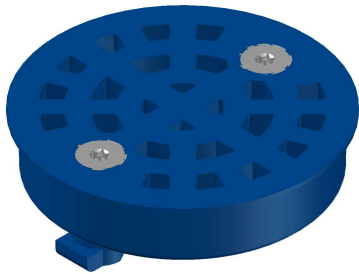
Each DrainShield package includes 1 strainer, 1 retainer bar, 2-T27 Stainless Steel high security screws, and 1-T27 high security bit for installation. Each strainer and retainer bar are constructed from glass-filled high density polypropylene. The screws are constructed from 18-8 stainless steel, and the brass inserts are lead-free.

## Installation Instructions

1. Press on the screws to ensure the retainer bar is popped out to the installation position
2. Align retainer bar with the notches located inside the lever waste drain assembly. Turn DrainShield one quarter turn so the retainer bar is now perpendicular with the assembly notches in the drain clamping ring.
3. Lock DrainShield into place by turning the screws until hand tight.



Nominal Size	Model #	A	B	C	D
3 1/2"	DS3500	3 7/16"	3 1/8"	3/4"	15/16" - 1 3/16"



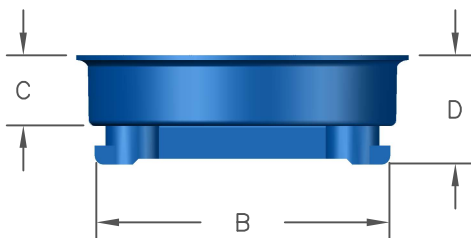
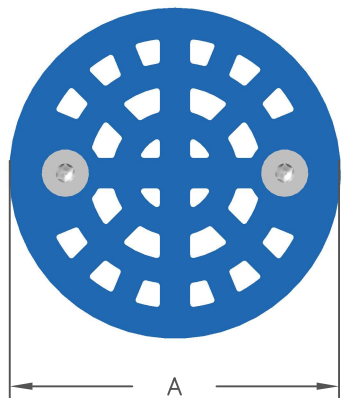
The PermaDrain® DrainShield is an easily installed, high security strainer that fits into any sink with a 90mm drain opening. DrainShield locks into existing 90mm lever waste drains preventing food particles and other debris from accumulating and clogging drain pipes. DrainShield also extends the lifespan of lever waste drains by protecting them from damage.

### Construction

Each DrainShield package includes 1 strainer, 1 retainer bar, 2–T27 Stainless Steel high security screws, and 1–T27 high security bit for installation. Each strainer and retainer bar are constructed from glass-filled high density polypropylene. The screws are constructed from 18–8 stainless steel, and the brass inserts are lead-free.

### Installation Instructions

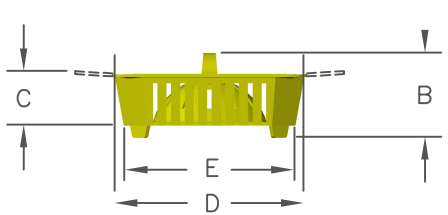
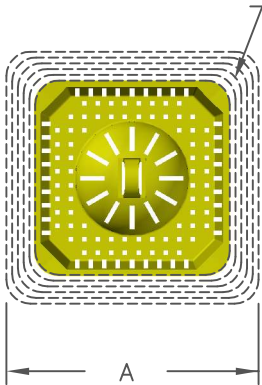
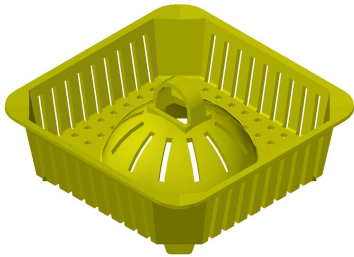
1. Press on the screws to ensure the retainer bar is popped out to the installation position
2. Align retainer bar with the notches located inside the lever waste drain assembly. Turn DrainShield one quarter turn so the retainer bar is now perpendicular with the assembly notches in the drain clamping ring.
3. Lock DrainShield into place by turning the screws until hand tight.



Nominal Size	Model #	A	B	C	D
90mm	DS3500	87.5mm	79.5mm	19mm	24mm - 30mm



# Large Safety Basket™ 8"-10 1/2"



PermaDrain® Safety Baskets meet or exceed UPC 810.4—Strainers, and IPC 802.3—Waste Receptors as referenced below:

Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

PermaDrain Safety Baskets are designed to catch debris from entering drains and floor sinks in commercial kitchens and other facilities. They prevent foreign objects from entering drain pipes to prevent stoppages in building drain systems and sewer lines. PermaDrain Safety Baskets feature a center handle that extends above the outside rim and overflow level. This allows easy removal for servicing without reaching into collected debris which could contain broken glass or other sharp objects. Safety Baskets are designed to catch debris as small as rice while allowing free drain area for high volume applications.

## Construction

Fiber reinforced high density polypropylene

Impact resistant

Heat resistant up to 215 degrees Fahrenheit

Commercial dishwasher safe

Optimum free drain area for high volume applications

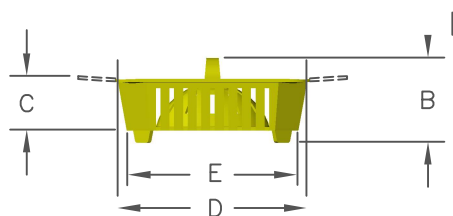
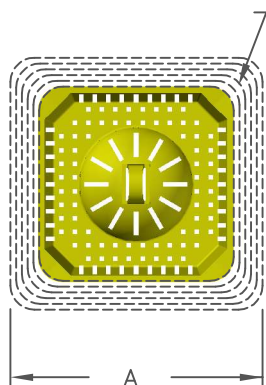
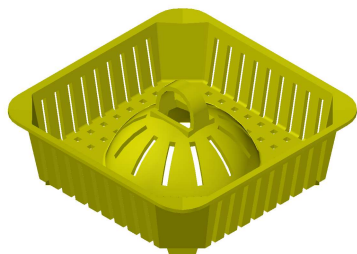
3/16 x 3/16 square holes in bottom

3/16 vertical slots in outside wall

Nominal Size	Model #	A	B	C	D	E
8"	LB8001	8"	3 1/2"	2 1/4"	7 7/8"	7 1/8"
8 1/2"	LB8501	8 1/2"	3 1/2"	2 1/4"	7 7/8"	7 1/8"
9"	LB9001	9"	3 1/2"	2 1/4"	7 7/8"	7 1/8"
9 1/2"	LB9501	9 1/2"	3 1/2"	2 1/4"	7 7/8"	7 1/8"
10"	LB10001	10"	3 1/2"	2 1/4"	7 7/8"	7 1/8"
10 1/2"	LB10501	10 1/2"	3 1/2"	2 1/4"	7 7/8"	7 1/8"



# Large Safety Basket™ 8"-10 1/2" English Metric



PermaDrain® Safety Baskets meet or exceed UPC 810.4—Strainers, and IPC 802.3—Waste Receptors as referenced below:

Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

PermaDrain Safety Baskets are designed to catch debris from entering drains and floor sinks in commercial kitchens and other facilities. They prevent foreign objects from entering drain pipes to prevent stoppages in building drain systems and sewer lines. PermaDrain Safety Baskets feature a center handle that extends above the outside rim and overflow level. This allows easy removal for servicing without reaching into collected debris which could contain broken glass or other sharp objects. Safety Baskets are designed to catch debris as small as rice while allowing free drain area for high volume applications.

## Construction

Fiber reinforced high density polypropylene  
Impact resistant

Heat resistant up to 102 degrees Celsius

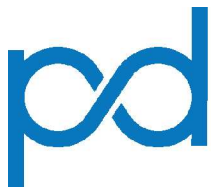
Commercial dishwasher safe

Optimum free drain area for high volume applications

5mm x 5mm square holes in bottom

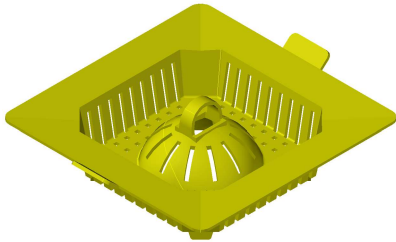
5mm vertical slots in outside wall

Nominal Size	Model #	A	B	C	D	E
203mm	LB8001	203mm	90mm	57mm	200mm	183mm
216mm	LB8501	216mm	90mm	57mm	200mm	183mm
229mm	LB9001	229mm	90mm	57mm	200mm	183mm
241mm	LB9501	241mm	90mm	57mm	200mm	183mm
254mm	LB10001	254mm	90mm	57mm	200mm	183mm
267mm	LB10501	267mm	90mm	57mm	200mm	183mm



**PERMADRAIN®**

# Large Safety Basket™ w/ Outside Handles



PermaDrain® Safety Baskets meet or exceed UPC 810.4–Strainers, and IPC 802.3–Waste Receptors as referenced below:

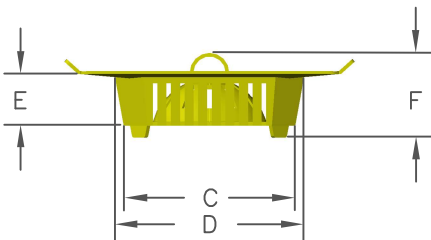
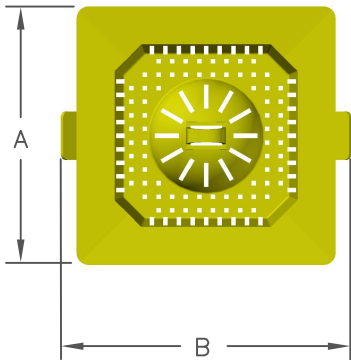
Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

PermaDrain Large Safety Baskets with Outside Handles are designed to catch debris from entering drains and floor sinks in commercial kitchens and other facilities. They prevent foreign objects from entering drain pipes to prevent stoppages in building drain systems and sewer lines. PermaDrain Safety Baskets feature a center handle that extends above the outside rim and overflow level. This PermaDrain Safety Basket features two extra "wing" handles for easier to access when basket is located in hard to reach areas. This allows easy removal for servicing without reaching into collected debris which could contain broken glass or other sharp objects. Safety Baskets are designed to catch debris as small as rice while allowing free drain area for high volume applications.

## Construction

Fiber reinforced high density polypropylene  
Impact resistant  
Heat resistant up to 215 degrees Fahrenheit  
Commercial dishwasher safe  
Optimum free drain area for high volume applications  
3/16 x 3/16 square holes in bottom  
3/16 vertical slots in outside wall



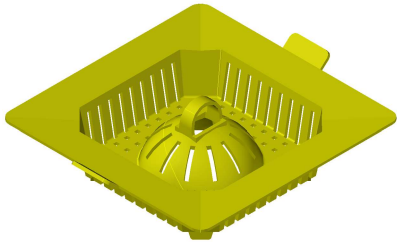
Nominal Size	Model #	A	B	C	D	E	F
10 3/4"	LB10751	10 3/4"	12 1/8"	7 3/16"	7 7/8"	2 1/4"	3 1/2"





# Large Safety Basket™ w/ Outside Handles

English Metric



PermaDrain® Safety Baskets meet or exceed UPC 810.4—Strainers, and IPC 802.3—Waste Receptors as referenced below:

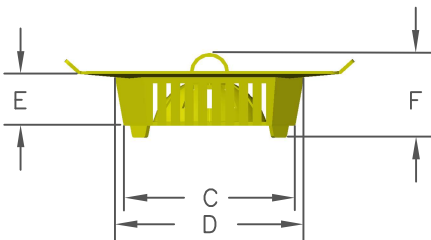
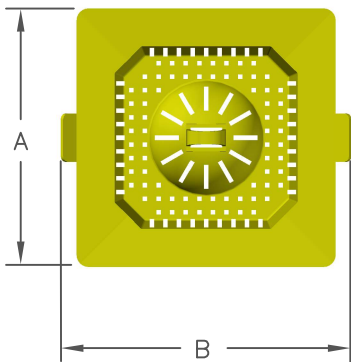
Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

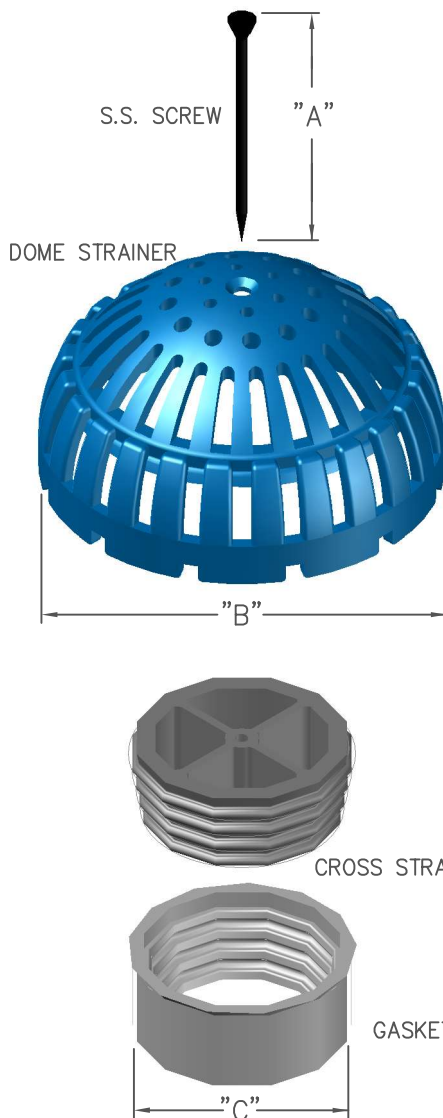
PermaDrain Large Safety Baskets with Outside Handles are designed to catch debris from entering drains and floor sinks in commercial kitchens and other facilities. They prevent foreign objects from entering drain pipes to prevent stoppages in building drain systems and sewer lines. PermaDrain Safety Baskets feature a center handle that extends above the outside rim and overflow level. This PermaDrain Safety Basket features two extra "wing" handles for easier to access when basket is located in hard to reach areas. This allows easy removal for servicing without reaching into collected debris which could contain broken glass or other sharp objects. Safety Baskets are designed to catch debris as small as rice while allowing free drain area for high volume applications.

## Construction

Fiber reinforced high density polypropylene  
Impact resistant  
Heat resistant up to 102 degrees Celsius  
Commercial dishwasher safe  
Optimum free drain area for high volume applications  
5mm x 5mm square holes in bottom  
5mm vertical slots in outside wall



Nominal Size	Model #	A	B	C	D	E	F
273mm	LB10751	273mm	308mm	183mm	200mm	57mm	90mm



PermaDrain® Locking Dome Strainer Kits meet or exceed UPC 810.4–Strainers, and IPC 802.3–Waste Receptors as referenced below:

Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

PermaDrain Locking Dome Strainer Kits are designed to prevent debris from entering the drain openings of indirect waste receptors. They are designed for use in new construction and retro-fit applications for drains in existing buildings.

## Construction

1–#14 x 6" type 316 stainless steel screw for superior corrosion resistance.

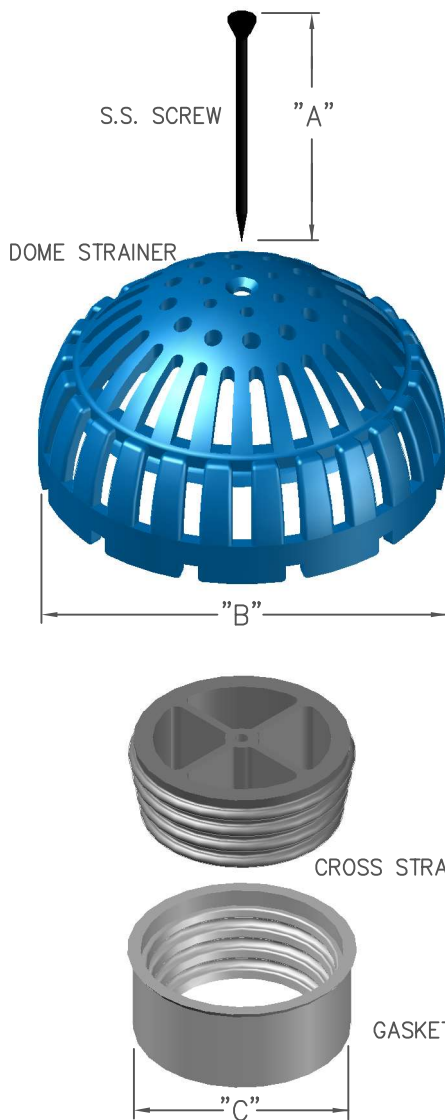
1–5 ½"W x 3" H Dome Strainer made from engineered polymers to provide impact resistance, chemical resistance and heat resistance up to 215 degrees Fahrenheit.

1–Cross–Strainer™ made from engineered polymers to provide impact resistance, chemical resistance and heat resistance up to 215 degrees Fahrenheit.

2–Gaskets made from polyurethane to ensure a proper fit in various applications.

NOMINAL PIPE SIZE	MODEL#	"A"	"B"	"C"-(PVC GASKET)	"C"-(CAST IRON GASKET)
2"	PD-2005	6"	5 1/2"	1.95"-2.00"	2.00"-2.05"
3"	PD-3005	6"	5 1/2"	2.95"-3.00"	3.00"-3.05"
4"	PD-4005	6"	5 1/2"	3.95"-4.00"	4.00"-4.05"





PermaDrain® Locking Dome Strainer Kits meet or exceed UPC 810.4–Strainers, and IPC 802.3–Waste Receptors as referenced below:

Waste receptors shall be of an approved type. A removable strainer or basket shall cover the waste outlet of waste receptors

## Description

PermaDrain Locking Dome Strainer Kits are designed to prevent debris from entering the drain openings of indirect waste receptors. They are designed for use in new construction and retro-fit applications for drains in existing buildings.

## Construction

1–6.2 x 152mm type 316 stainless steel screw for superior corrosion resistance.

1–134mm W x 76mm H Dome Strainer made from engineered polymers to provide impact resistance, chemical resistance and heat resistance up to 102 degrees Celsius.

1–Cross–Strainer™ made from engineered polymers to provide impact resistance, chemical resistance and heat resistance up to 102 degrees Celsius.

2–Gaskets made from polyurethane to ensure a proper fit in various applications.

NOMINAL PIPE SIZE	MODEL#	"A"	"B"	"C"-(PVC GASKET)	"C"-(CAST IRON GASKET)
50mm	PD-2005	152.5mm	140mm	49.5mm - 51mm	51mm - 52mm
80mm	PD-3005	152.5mm	140mm	75mm - 76.5mm	76.5mm - 77.5mm
100mm	PD-4005	152.5mm	140mm	100mm - 101.5mm	101.5mm - 103mm