

# CATCH BASINS

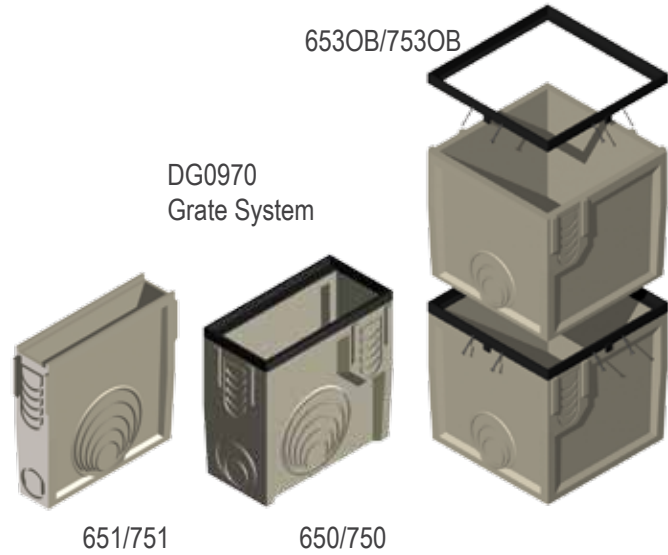
The POLYCAST® Catch Basins are an important part of the versatile POLYCAST Presloped Drain System. The catch basins are manufactured with the same high strength, corrosion-resistant polyester and Vinyl Ester polymer concrete used for the POLYCAST Drain Channels. They are designed to be used as collection points, drain run transitions, and interceptors to collect solid debris. POLYCAST Catch Basins are designed to accommodate all drain channel sizes and have cut-outs designed specifically for channels with catalog numbers ending in 5, 0, N and H. POLYCAST Catch Basins have a selection of grates available for specific needs.

The POLYCAST Catch Basins can be used with the POLYCAST Drain System or can be used as an individual catch basin. In either case, costly, labor-intensive on-site forming is eliminated.

POLYCAST 700 Series HARDNOSE® Catch Basins are also available. They have the same features as the corresponding 600 Series Catch Basin. The 700 Series Catch Basins have a one-piece metal assembly for additional grating load distribution. HARDNOSE Catch Basins should be used in areas where solid tire and heavy commercial vehicles are anticipated.

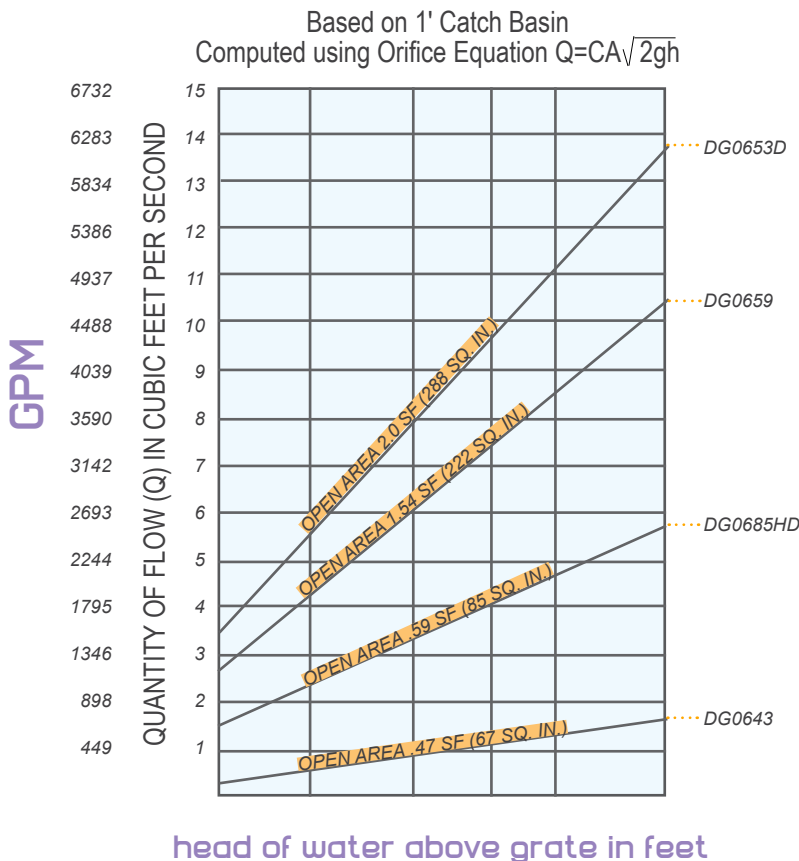
The 650 Catch Basin is available with any of the gratings/covers available for the 600 Series Channels. The 651 Catch Basin is available with cast iron or fiberglass grates. The 653OB and 653SB Catch Basins are available with cast iron or fiberglass grates.

## Catch Basins



CATCH BASINS

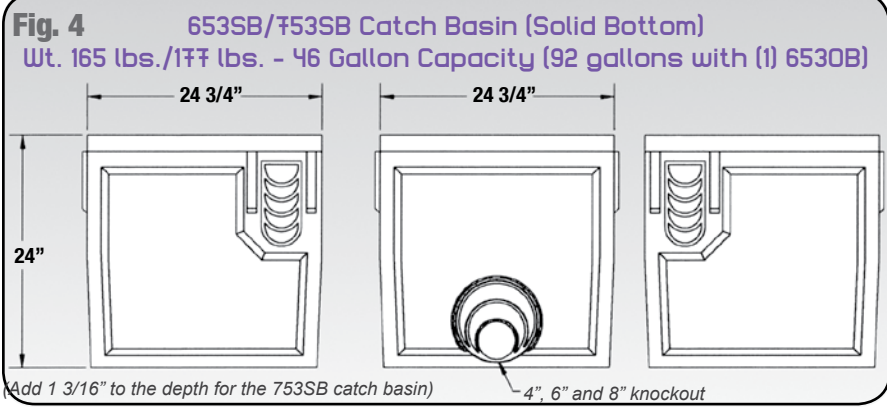
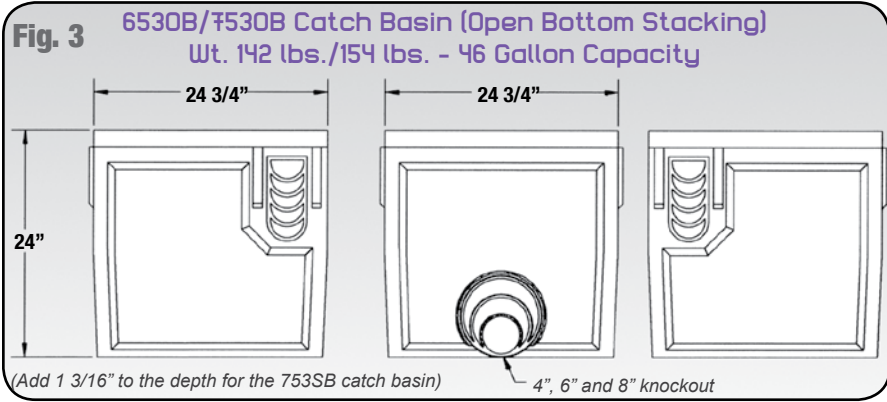
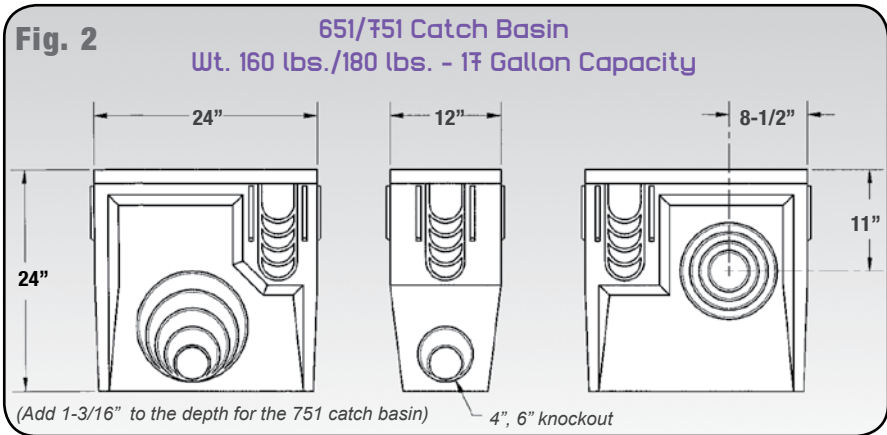
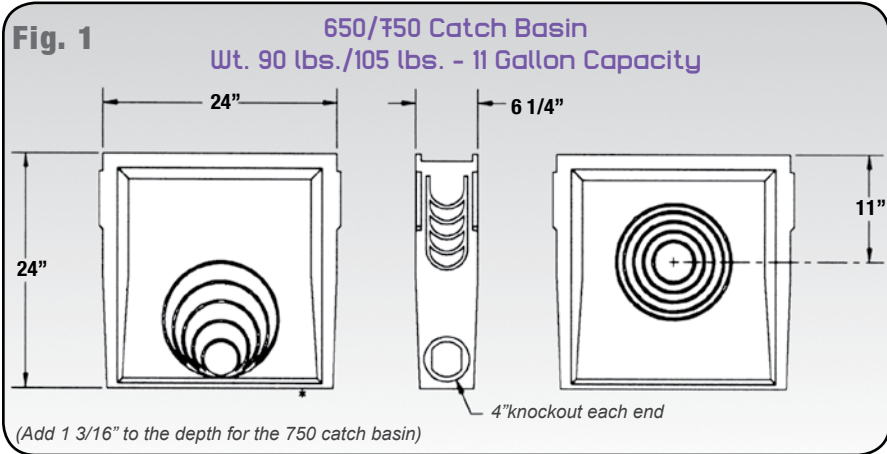
## Quantity Of Flow Through Grates



## GR8 TIPS

**Vinyl Ester:** When harsh chemicals are being drained, Vinyl Ester drain systems protect the integrity of the surrounding floor.

# CATCH BASINS



## 4" and 6" Bottom Cut-Outs

Catch Basin cut-outs accept the following channels: 605, 610, 615, 620, 625 and their corresponding halves and neutrals.

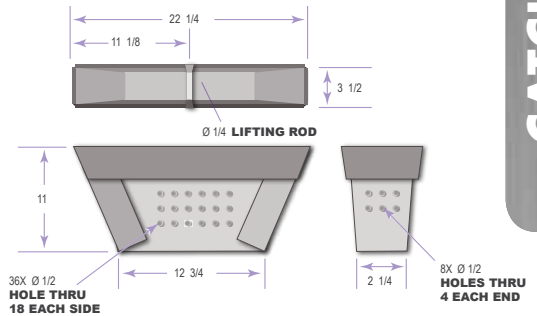
Drain channel cut-out connections are located on both ends of the catch basin. Pipe discharge cut-outs for 4", 6", 8", 10" and 12" pipe are located on both sides. The pipe cut-outs are located near the bottom of the catch basin on one side and on the other side the pipe cut-outs are located toward the middle. The 650/750 and 651/751 catch basins also have one 4" pipe cut-out on each end and one 4" and 6" pipe cut-out on the bottom.

## Debris Baskets

Corrugated plastic debris baskets are available for the 650/750 and 651/751 catch basins.

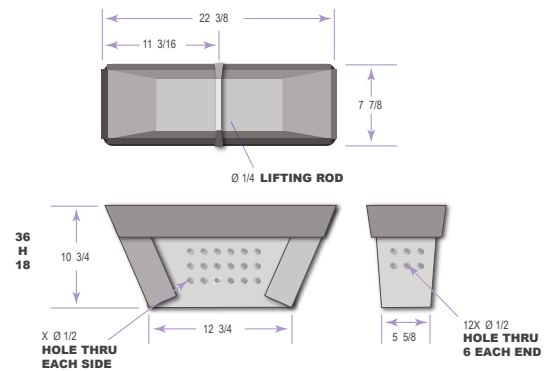
HDPE Corrugated Plastic Debris Basket for 650/750 Catch Basin

Part No. DA0650TA



HDPE Corrugated Plastic Debris Basket for 651/751 Catch Basin

Part No. DA0651TA



NOTE: A debris basket is not available for the 653 catch basins.

# CATCH BASINS

## CATCH BASIN GRATES

651/751/653OB/653SB/753OB/753SB



### Fiberglass

Designed for use with the POLYCAST® Vinyl Ester Catch Basins in areas requiring extreme chemical resistance.

ADA Compliant.

### Part No. DG0659

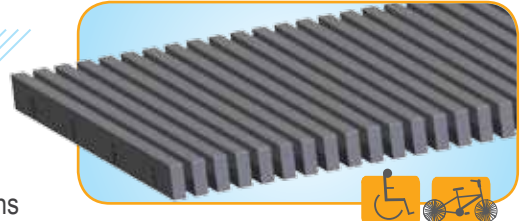
**Open Area:** 222 in<sup>2</sup>/Linear Foot

**Dimensions:** 23-3/4" x 23-3/4"

**Weight:** 20 lbs.

For use with 653OB/653SB Basins  
Vinyl Ester

**Slot Size:** 0.41" wide



### Ductile Iron Slotted

Designed for frequent heavy traffic.

ADA Compliant.

### Part No. DG0685HD

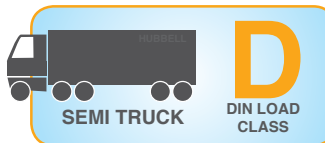
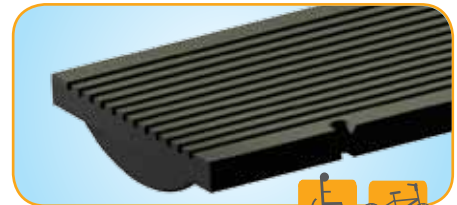
**Open Area:** 85 in<sup>2</sup>/Linear Foot

**Dimensions:** 10-3/4" x 22-3/4"

**Weight:** 49 lbs.

ASTM A536 Class 65-45-12  
For use with 651/751 Basins  
Black Finish

**Size Slot:** 0.32" wide



### Gray Iron Slotted

Designed for frequent heavy traffic.  
Grate hold-down devices are included and should be maintained secure.

### Part No. DG0643

**Open Area:** 32 in<sup>2</sup>/Linear Foot

**Dimensions:** 10-3/4" x 22-3/4"

**Weight:** 63 lbs.

For use with 651/652 Basins  
Black Finish

**Slot Size:** 0.63" x 3.75"



### Ductile Iron Slotted

Designed for frequent heavy traffic.

### Part No. DG0653D

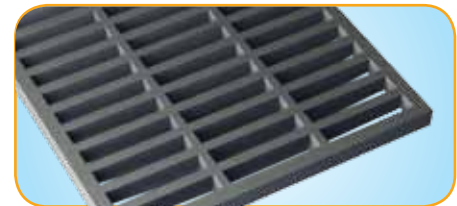
**Open Area:** 288 in<sup>2</sup>/Linear Foot

**Dimensions:** 23-3/4" x 23-3/4"

**Weight:** 130 lbs.

ASTM A536 Class 65-45-12  
For use with 653OB/653SB Basins  
Black Finish

**Slot Size:** 1.25" x 6.75"



### 700 Series HARDNOSE End Frame

For use with the DP0650 Catch Basin.  
Prevents concrete back fill from spilling into the catch basin during concrete placement.

### Part No. DG0700AC

**Dimensions:** 6-1/4" x 24"

**Weight:** 15 lbs.

Black Finish

