

# ON-GRADE ADJUSTABLE FLOOR DRAIN

842 series

## SPECIFICATION

Sioux Chief 842 Series adjustable floor drain shall be used where necessary in drainage systems. Drain shall have an MIP threaded connection which can thread into any standard FIP threaded adapter. Drain shall include three female threaded brass inserts to accept ring/strainer screws.

## MATERIALS

*ring/strainer:* nickel-bronze, 304 stainless steel, brass, cast iron, or grey ABS

*top housing:* grey ABS with threaded brass inserts

## STRAINER LOAD RATING

*nickel-bronze/brass:* 1,000 lbs. (light duty, pedestrian traffic - heel-proof)

*stainless steel:* 2,000 lbs. (light duty, pedestrian traffic - heel-proof)

*cast iron:* 7,500 lbs. (heavy duty)

*ABS:* 500 lbs. (light duty, pedestrian traffic - heel-proof)

## STRAINER FREE-AREA

|                         | round                 | square                |                      |                      |
|-------------------------|-----------------------|-----------------------|----------------------|----------------------|
|                         | nickel/SS/brass       | nickel/SS/brass       | cast iron            | ABS                  |
| 2" drain                | 4.5 in <sup>2</sup>   | 7.6 in <sup>2</sup>   | 4.18 in <sup>2</sup> | 4.18 in <sup>2</sup> |
| 3" drain (standard top) | 7.5 in <sup>2</sup>   | 12.75 in <sup>2</sup> | 6.81 in <sup>2</sup> | 5.15 in <sup>2</sup> |
| 3" drain (large top)    | 11.75 in <sup>2</sup> | 16.4 in <sup>2</sup>  | 9.58 in <sup>2</sup> | 8.74 in <sup>2</sup> |
| 4" drain                | 11.75 in <sup>2</sup> | 16.4 in <sup>2</sup>  | 9.58 in <sup>2</sup> | 8.74 in <sup>2</sup> |

## DIMENSIONS

|                         | round                  | square          |           |     |
|-------------------------|------------------------|-----------------|-----------|-----|
|                         | nickel/SS/brass        | nickel/SS/brass | cast iron | ABS |
| A: top diameter         |                        |                 |           |     |
| 2" drain                | 4½"                    | 4½"             | 5"        | 4¾" |
| 3" drain (standard top) | 5½"                    | 5⅞"             | 6⅛"       | 5½" |
| 3" drain (large top)    | 6½"                    | 7"              | 6⅝"       | 6½" |
| 4" drain                | 6½"                    | 7"              | 6⅝"       | 6½" |
| B: drain height         |                        |                 |           |     |
| cast iron               | 3⅜"                    |                 |           |     |
| nickel/SS/brass/ABS     | 2⅞"                    |                 |           |     |
| C: connection           |                        |                 |           |     |
| 2" drain                | 2" MIP thread straight |                 |           |     |
| 3" drain                | 3" MIP thread straight |                 |           |     |
| 4" drain                | 4" MIP thread straight |                 |           |     |

|                        |
|------------------------|
| Item # Submitted _____ |
| Job Name _____         |
| Location _____         |
| Engineer _____         |
| Contractor _____       |
| PO# _____ TAG _____    |



842-3LNR



842-3LNQ



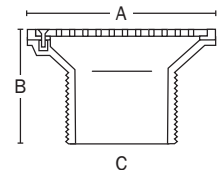
842-3Li



842-3LP



842-36LNR, 842-36LBR,  
842-36LNQ, 842-36LBQ,  
and 842-36Li only



Create Item Number

**842-ABC**

e.g. 842-36LNQV = 3" PVC drain, with large, nickel-bronze ring and strainer and vandal-resistant screws

### A CONNECTION

- 2L 2" MIP thread
- 3L 3" MIP thread (standard top)
- 36L 3" MIP thread (large top)
- 4L 4" MIP thread

### B RING & STRAINER

- i round cast iron
- BR round brass
- BQ square brass
- NR round nickel-bronze
- NQ square nickel-bronze
- SR round stainless steel
- SQ square stainless steel
- P round grey ABS <sup>1</sup>

<sup>1</sup> strainer ring is part of drain housing

### C OPTIONS (FACTORY INSTALLED)

- V vandal-resistant ring/strainer screws<sup>2</sup>
  - H hinged strainer<sup>3</sup>
  - E extended ring<sup>4</sup>
- 2 NOT available on cast iron models
- 3 available for 842-36L\_ and 842-4L\_ models only
- 4 available for 842-36\_NR and 842-4\_NR models only