

# PVC SQUARE FLOOR SINK

» 861 SERIES

SquareMax™

## SPECIFICATION

Sioux Chief 861 Series SquareMax floor sink shall be used where necessary in drainage systems. Floor sink shall be molded from impact-modified PVC with Sch. 40 hub connection which conforms to ASTM D2665. Floor sink shall show no significant distortion at water temperatures up to 180°F. Strainer shall be heel-proof and shall meet all applicable load requirements for intended use. Floor sink shall be designed with a concrete anchor flange for solid installations. Sump area shall have smooth, pitched inner surfaces for quick and complete drainage. Designed in accordance with ASME A112.6.7-01

## MATERIALS

**Strainer:** PVC, Nickel-bronze, stainless steel, ductile iron

**Body:** PVC

## STRAINER LOAD RATING

**PVC:** 1,000 lbs. (Light duty)

**Nickel-Bronze:** 2,400 lbs. (Medium duty)

**Stainless Steel:** 3,500 lbs. (Medium duty)

**Ductile Iron:** 7,500 lbs. (Heavy duty)

## STRAINER FREE AREA

**PVC:** 44 in<sup>2</sup>

**Nickel-Bronze:** 35 in<sup>2</sup>

**Stainless Steel:** 35 in<sup>2</sup>

**Ductile Iron:** 40 in<sup>2</sup>

## DIMENSIONS

<b>A:</b> Connection (Sch. 40 hub)	2"	3"	4"	6"
<b>B:</b> Overall height <sup>1</sup>	7-7/16"	8-5/16"	8-7/16"	9-1/2"
<b>C:</b> Sump depth	6-3/8"			
<b>D:</b> Top-to-flange	1-1/2"			
<b>E:</b> Flange diameter	14-1/8"			
<b>F:</b> Top diameter <sup>2</sup>	11-3/16"			

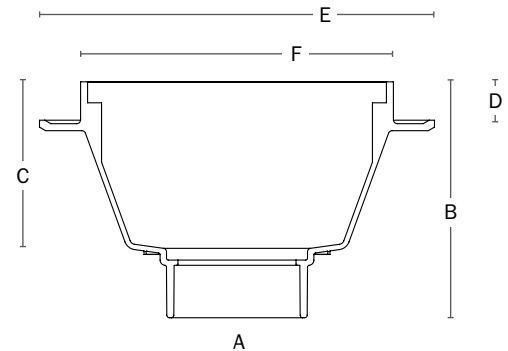
1 add 7/16" for nickel-bronze or stainless ring/strainer. Add 9/16" for ductile ring/strainer

2 add 9/16" for nickel-bronze, stainless or ductile ring/strainer

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



861-3P2



## Create Item Number

## 861-ABC

e.g. **861-3PZ2:** SquareMax PVC floor sink with 3" hub connection and open-half, stainless ring & strainer

### CONNECTION TYPE A

- 2 = 2" Sch. 40 hub
- 3 = 3" Sch. 40 hub
- 4 = 4" Sch. 40 hub
- 6 = 4" Sch. 40 hub

### STRAINER TYPE B

- PX = No strainer - sink only
- P = PVC strainer
- PN = Nickel-bronze ring/strainer
- PZ = Stainless steel ring/strainer
- Pi = Ductile iron ring/strainer

### INSTALLED OPTIONS C

- D = ABS dome bottom strainer<sup>1</sup>
- U = Aluminum dome bottom strainer<sup>1</sup>
- C = Clamping collar - PVC
- W = Stainless steel mesh debris basket
- 2 = Open-half strainer<sup>2</sup>
- 3 = Open-quarter strainer<sup>2</sup>
- V = Vandal-resistant strainer screws
- T = Tapped trap primer port - 1/2" FIP
- F = Round nik-brz condensate funnel
- FA = Round aluminum condensate funnel
- FO = Oval nik-brz condensate funnel
- 6 = ABS flat bottom strainer<sup>1</sup>

### Accessories - Available Separately:

- 861-D: ABS dome bottom strainer<sup>1</sup>
- 863-U: Aluminum dome bottom strainer<sup>1</sup>
- 861-C: PVC clamping collar with screws
- 861-UM: Stainless mesh debris basket
- 861-6: ABS flat bottom strainer<sup>1</sup>
- 863-FN: Round nik-brz condensate funnel
- 863-FA: Round aluminum condensate funnel
- 863-FNO: Oval nik-brz condensate funnel

1 Not available for sinks with 6" connection | 2 Not available for sinks with ductile iron strainer