

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 in²

Nickel-Bronze: 35 in²

Stainless Steel: 35 in²

Ductile Iron: 40 in²

DIMENSIONS

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

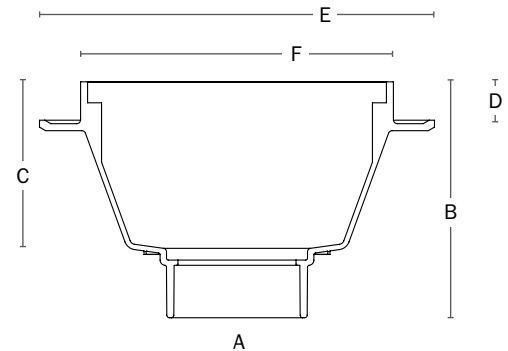
1 add 7/16" for nickel-bronze or stainless ring/strainer. Add 9/16" for ductile ring/strainer

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

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



861-3P2



A

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 = 6" 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 strainer¹
- U = Aluminum dome bottom strainer¹
- C = Clamping collar - PVC
- W = Stainless steel mesh debris basket
- 2 = Open-half strainer²
- 2S = Open-half strainer - Split³
- 3 = Open-quarter strainer²
- 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 strainer¹

Available separately:

- ABS dome bottom strainer¹: 861-D
- Aluminum dome bottom strainer¹: 863-U
- PVC clamping collar with screws: 861-C
- Stainless mesh debris basket: 861-UM
- ABS flat bottom strainer¹: 861-6
- Round nik-brz condensate funnel: 863-FN
- Round aluminum condensate funnel: 863-FN
- Oval nik-brz condensate funnel: 863-FNO

- 1 Not available for sinks with 6" connection
- 2 Not available for sinks with ductile iron strainer
- 3 Available for PVC strainer only