

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

MATERIALS

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

Body: PVC

STRAINER LOAD RATING

PVC: 1,000 lbs. (Light duty - heel resistant¹)

Nickel-Bronze: 2,400 lbs. (Medium duty - heel resistant¹)

Stainless Steel: 3,500 lbs. (Medium duty - heel resistant¹)

Ductile Iron: 7,500 lbs. (Heavy duty - heel resistant¹)

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 ²	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 ³	11-3/16"			

1 Per ASME A112.6.3. Heel-resistant applies to full grate only.

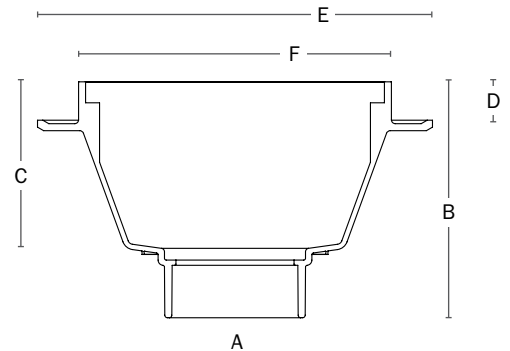
2 add 7/16" for nickel-bronze or stainless ring/strainer. Add 9/16" for ductile ring/strainer

3 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. **861-3P2Z**: 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 strainer⁴
- U = Aluminum dome bottom strainer⁴
- C = Clamping collar - PVC
- W = Stainless steel mesh debris basket
- 2 = Open-half strainer⁵
- 3 = Open-quarter strainer⁶
- V = Vandal-resistant strainer screws
- T = Tapped trap primer port - 1/2" FIP
- F = Round nik-brz condensate funnel
- FA = Round aluminum condensate funnel
- F0 = Oval nik-brz condensate funnel
- 6 = ABS flat bottom strainer⁴

Accessories - Available Separately:

- 861-D: ABS dome bottom strainer⁴
- 863-U: Aluminum dome bottom strainer⁴
- 861-C: PVC clamping collar with screws
- 861-UM: Stainless mesh debris basket
- 861-6: ABS flat bottom strainer⁴
- 863-FN: Round nik-brz condensate funnel
- 863-FA: Round aluminum condensate funnel
- 863-FNO: Oval nik-brz condensate funnel

4 Not available for sinks with 6" connection | 5 Not available for sinks with ductile iron strainer | 6 Available for sinks with PVC strainer only