

# INTEGRAL TRAP FLOOR DRAIN

» 800 SERIES

WeldOne™

## SPECIFICATION

Sioux Chief 800 Series Weld One integral trap floor drain shall be used where necessary in drainage systems. Drain shall have a 2" Sch. 40 hub connection which shall be designed with proper pitch to insure grate remains level after connection. Drain trap shall be properly sized, and smoothsweep, to insure full flow and reduce sediment buildup. Drain shall employ a full 3" trap seal, and include a factory plugged cleanout access inside sump area. Strainer shall meet applicable load and flow requirements for intended use. Trap primer port shall be threaded 1/2" FIP for knockout connection.

## MATERIALS

**Strainer:** polypropylene, nickel-bronze, 304 stainless steel, or ductile iron

**Strainer screws:** stainless steel

**Drain body:** PVC or ABS

**Cleanout plug:** polypropylene

## STRAINER LOAD RATING

**Polypropylene:** 350 lbs (light-duty, heel-proof)

**Nickel-bronze:** 1,000 lbs (light-duty, heel-proof)

**Stainless steel:** 1,000 lbs (light-duty, heel-proof)

**Ductile iron:** 5,000 lbs (heavy-duty)

## STRAINER FREE-AREA

**Polypropylene:** 14.25 in<sup>2</sup>

**Round nickel/stainless:** 11.75 in<sup>2</sup>

**Square nickel/stainless:** 16.4 in<sup>2</sup>

**Ductile iron:** 13.25 in<sup>2</sup>

## DIMENSIONS

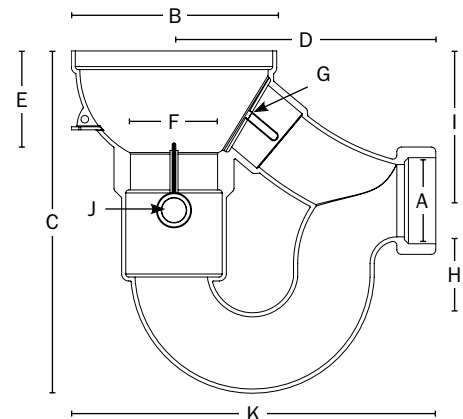
<b>A:</b> Connection	2" Sch. 40 hub
<b>B:</b> Top diameter	6½"
<b>C:</b> Overall height <sup>1</sup>	11½"
<b>D:</b> Sump center to hub	8⅝"
<b>E:</b> Sump depth	3⅜"
<b>F:</b> Throat	2" FIP thread
<b>G:</b> Cleanout (plugged)	1½" FIP thread
<b>H:</b> Trap seal	3"
<b>I:</b> Top to hub center <sup>1</sup>	5"
<b>J:</b> Trap primer port	½" FIP thread for knockout connection
<b>K:</b> Overall width	12"

<sup>1</sup> Add 5/16" for metal strainers

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



800-P



## Create Item Number

**800-ABC**

e.g. **800-PSRBW:** WeldOne floor drain with round 304 stainless steel ring/strainer and backwater device installed

### DRAIN MATERIAL A

**P** = PVC (white polypro strainer)

**A** = ABS (black polypro strainer)

### RING & STRAINER B

**NR** = nickel-bronze, round

**NQ** = nickel-bronze, square

**SR** = stainless steel, round

**SQ** = stainless steel, square

**iR** = ductile iron, round

### OPTIONS C

**BW** = float-ball backwater device installed