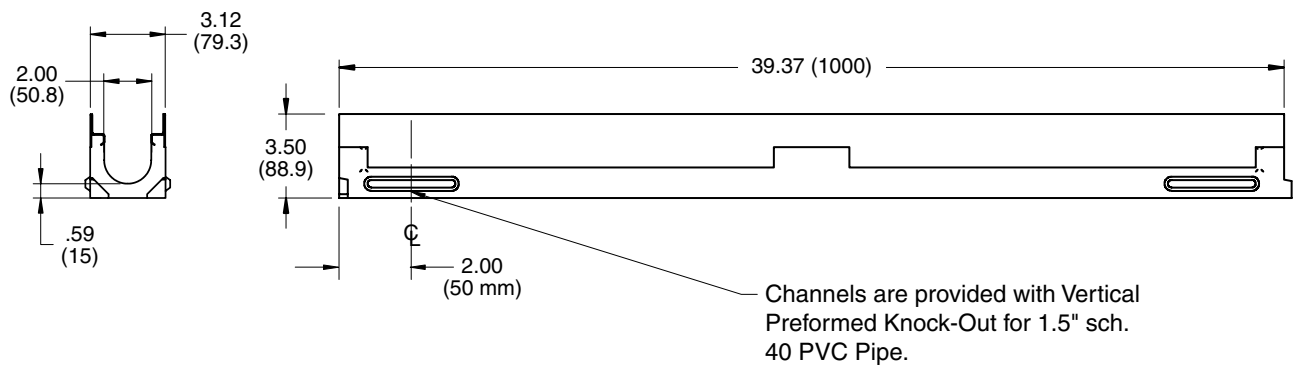


# NARROW CHANNEL

**FUNCTION:** Used in surface drainage applications where installation depth is restricted. Channels may be assembled in any length utilizing interlocking tongue and groove ends. This reduces installation time and cost, providing an engineered solution to drainage requirements.



**NOTE:** This trench drainage system is designed for "on grade applications only", as there are no provisions for a flashing flange or flashing clamp.

**NOTE:** Dimensions shown in parentheses are in millimeters.

**REGULARLY FURNISHED:**  
 1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with a Non-Sloping Radius Bottom Channel and Integral Galv. Steel Rail edge. Supplied with Grate as per Specification.

- VARIATIONS:**
- Closing End Cap (Stainless Steel)
  - Closing End Cap (Galvanized Steel)
  - Galv. Steel Slotted Grate Load Class "A"
  - Stainless Steel Slotted Grate Load Class "A"
  - Galv. Steel Perforated Grate Load Class "A"
  - Stainless Steel Perforated Grate Load Class "A"
  - Decorative Plastic Gray Grate Load Class "A"
  - Ductile Iron ADA Grate Load Class "C"

- OPTIONAL MATERIALS:**
- Vinylester Resin
  - Stainless Steel Rail Edge (see back sheet for Grate Details)



DRAWING NUMBER **a9833**  
 SIZE **A**  
 SCALE: **NONE**  
 DATE: **9/9/05**  
 APPROVED BY: **PJ**  
 CHECKED BY: **PJ**  
 DRAWN BY: **RN**  
 FIGURE NUMBER **9833**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

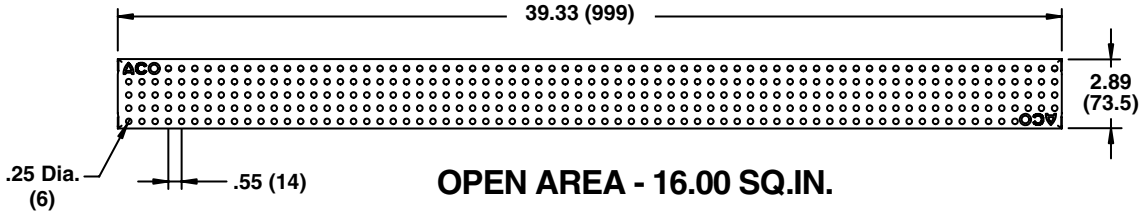
C B A	08/22/07 10/17/06 09/13/05	Added Note Added Bottom Outlet Dim. Updated Variations	JJ RN RN	PJ PJ PJ	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER  <b>9833</b>
REV.	DATE	DESCRIPTION	BY	CKD. BY			



MEMBER OF:

LOCATION

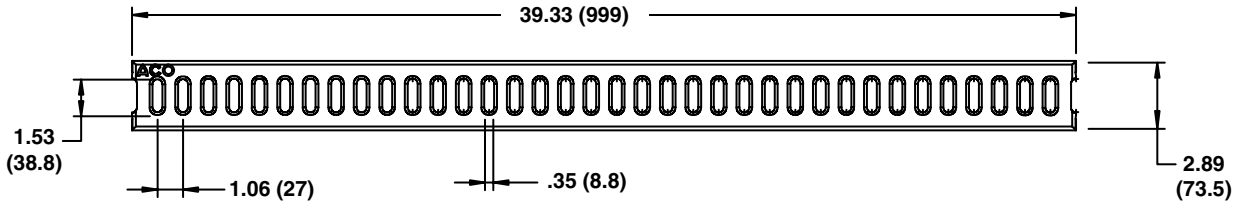
# NARROW CHANNEL GRATES



**OPEN AREA - 16.00 SQ.IN.**

Light Duty, DIN 19580 Class A - 3,500 lbs - 70 psi  
 For pedestrian, wheel chair and bicycle traffic

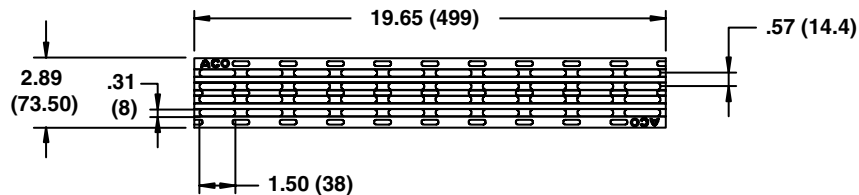
Galvanized Steel Perforated Grate  
 Stainless Steel Perforated Grate



**OPEN AREA - 19.00 SQ.IN.**

Light Duty, DIN 19580 Class A - 3,500 lbs - 70 psi  
 For pedestrian, wheel chair and bicycle traffic

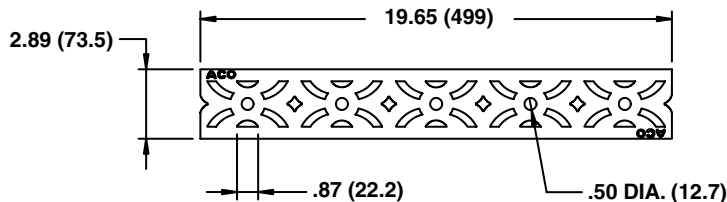
Galvanized Steel Slotted Grate  
 Stainless Steel Slotted Grate



**OPEN AREA - 18.00 SQ.IN.**

Heavy Duty, DIN 19580 Class C - 56,000 lbs - 1,162 psi  
 For commercial pneumatic tire traffic pattern, forklifts and tractor trailer.

Ductile Iron ADA Compliant Grate



**OPEN AREA - 17.00 SQ.IN.**

Light Duty, DIN 19580 Class A - 3,500 lbs - 70 psi  
 For pedestrian, wheel chair and bicycle traffic

Plastic Decorative Gray Grate

**Trench Drain Series**

DRAWING NUMBER  
**9833 BS**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**9/9/05**

APPROVED BY:  
**PJ**

CHECKED BY:  
**PJ**

DRAWN BY:  
**RN**

**9833 BS**

FIGURE NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSIZED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET

FIGURE NUMBER <b>9833 BS</b>
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