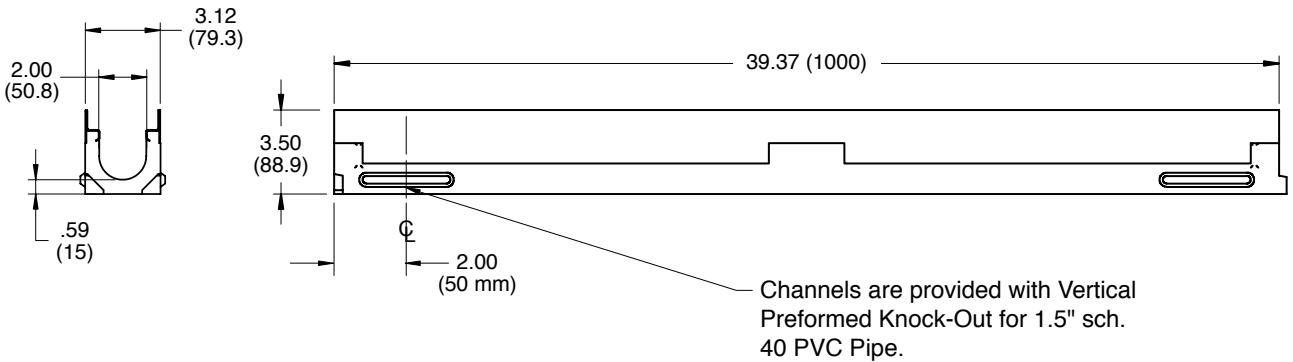


# NARROW CHANNEL

**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 Polymer 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" -G
- Stainless Steel Slotted Grate Load Class "A" -SS
- Galv. Steel Perforated Grate Load Class "A" -GP
- Stainless Steel Perforated Grate Load Class "A" -SSPG
- Decorative Plastic Gray Grate Load Class "A" -DPG
- Ductile Iron ADA Grate Load Class "C" -MADA

**OPTIONAL MATERIALS:**

- 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WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA  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

E	10-30-17	Revised Variations	TBW	PJ	WEIGHT	VOLUME	FIGURE NUMBER
D	1-31-14	Deleted Vinylester Material	TBW	PJ	POUNDS	CUBIC FEET	<b>9833</b>
C	08/22/07	Added Note	JJ	PJ			
B	10/17/06	Added Bottom Outlet Dim.	RN	PJ			
REV.	DATE	DESCRIPTION	BY	CKD. BY			

A

**SMITH® JAY R. SMITH MFG. CO.®**  
 MEMBER OF MORRIS GROUP INTERNATIONAL  
 POST OFFICE BOX 3237  
 MONTGOMERY, ALABAMA 36109-0237 (USA)  
 TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com



LOCATION

DRAWING NUMBER  
9833 BS

SIZE  
A

SCALE:  
NONE

DATE:  
9/9/05

APPROVED BY:  
PJ

CHECKED BY:  
PJ

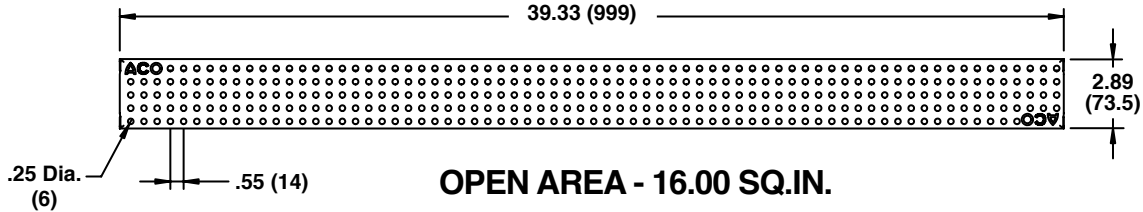
DRAWN BY:  
RN

9833 BS

FIGURE NUMBER

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

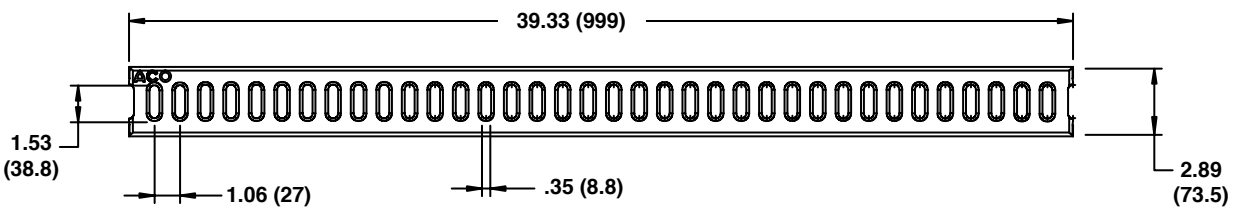
# NARROW CHANNEL GRATES



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

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

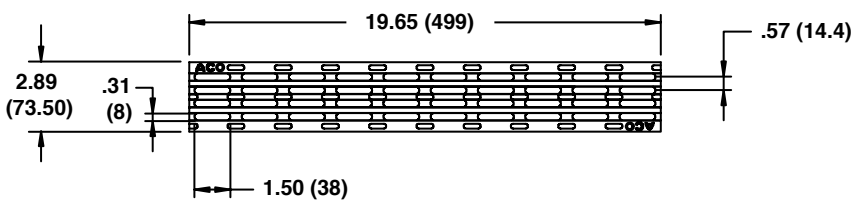
- Galvanized Steel Perforated Grate -GP
- Stainless Steel Perforated Grate -SSPG



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

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

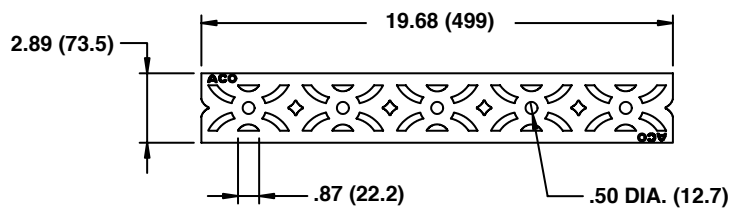
- Galvanized Steel Slotted Grate -G
- Stainless Steel Slotted Grate -SS



**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 -MADA



**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 -DPG



REV.	DATE	DESCRIPTION	BY	CKD. BY
A	10-30-17	Revised Variations, Dimension	TBW	PJ

WEIGHT POUNDS	VOLUME CUBIC FEET

FIGURE NUMBER  
**9833 BS**