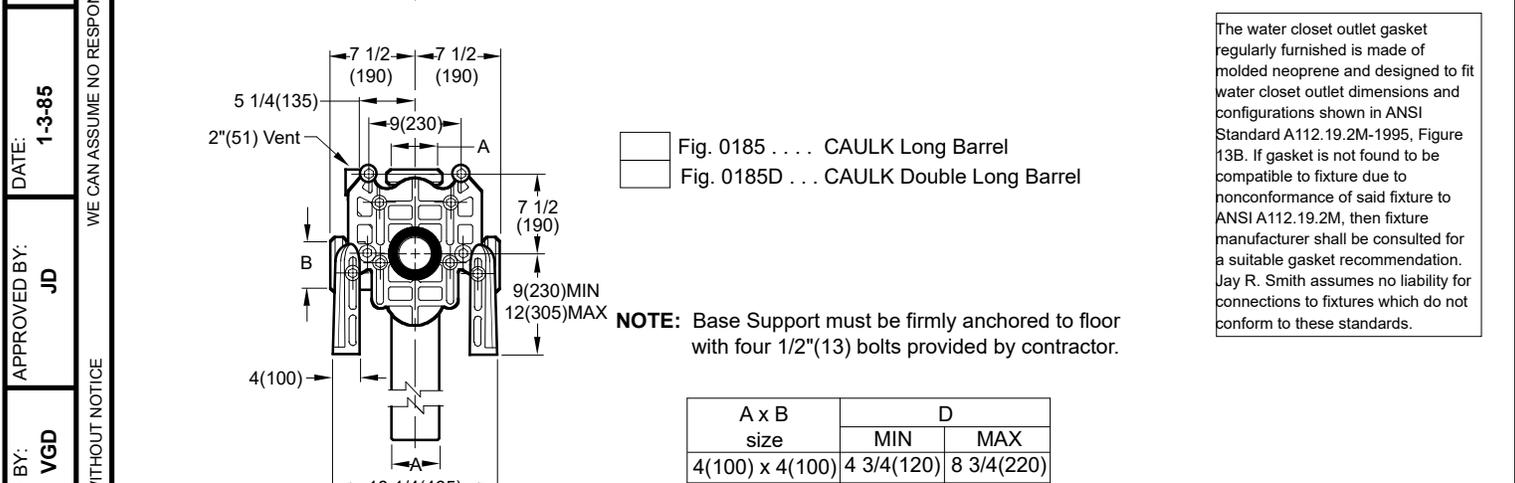
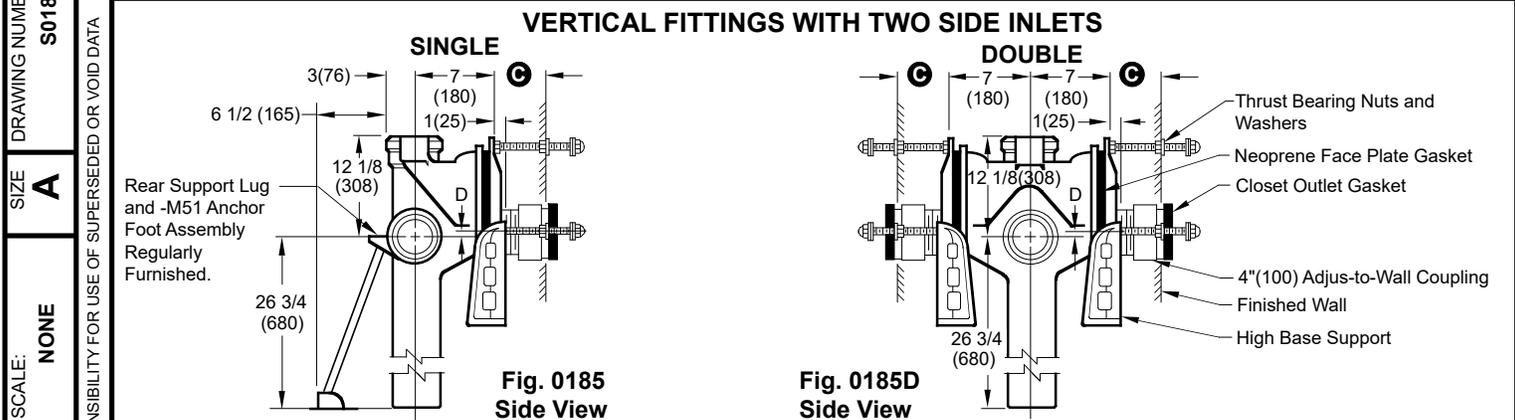


**ADJUSTABLE FIXTURE SUPPORTS  
 FOR ELEVATED SIPHON JET WATER CLOSETS FOR WHEELCHAIR USERS  
 DEEP ROUGH-IN TYPE**



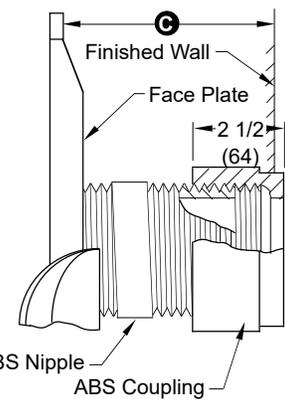
The water closet outlet gasket regularly furnished is made of molded neoprene and designed to fit water closet outlet dimensions and configurations shown in ANSI Standard A112.19.2M-1995, Figure 13B. If gasket is not found to be compatible to fixture due to nonconformance of said fixture to ANSI A112.19.2M, then fixture manufacturer shall be consulted for a suitable gasket recommendation. Jay R. Smith assumes no liability for connections to fixtures which do not conform to these standards.

Conforms with the requirements of ASME A112.6.1M up to a 500 lbs (227kg) static load rating.

**Ⓞ DIMENSION - ADJUS-TO-WALL TYPE OUTLET CONNECTION**

The Smith Adjus-to-Wall outlet connection provides adjustment at the face of the wall at the time the fixture is set; thus, compensating for wall construction variations. The Ⓞ dimension is measured from the front of the face plate to the finished wall. To properly determine the length of nipple required, deduct 1" (25) from the Ⓞ dimension. When the dimension exceeds 7" (180), the -M40 Wide Pipe Chase Support is recommended. The Adjus-to-Wall coupling will provide 1/2" (13) horizontal adjustment in either direction with the coupling extended 5/16" (8) past face of the finished wall.

Ⓞ dimension = 4" (100) (regularly furnished) consisting of nipple and Adjus-to-Wall coupling permitting adjustment from 3" (76) min. to 4" (100) max.



**NIPPLE LENGTHS AVAILABLE**

LENGTH	MIN	Ⓞ	MAX
2 1/2 (64)	2 1/4 (57)	3 1/4 (83)	
*3 1/4 (83)	3 (76)	4 (100)	
*8 1/4 (210)	8 (205)	9 (230)	
10 (255)	9 3/4 (250)	10 3/4 (275)	
12 (305)	11 3/4 (300)	12 3/4 (325)	
15 (380)	14 3/4 (375)	15 3/4 (400)	
18 (455)	17 3/4 (450)	18 3/4 (475)	

**NOTE:** When nipple lengths between 3 1/4" (83) and 8 1/4" (210) are specified, the 8 1/4" (210) nipple will be supplied. Nipple must be cut to specified length by others.

\*ABS (Regularly Furnished) other lengths PVC.

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

DRAWN BY: <b>CM</b>	DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE			CHECKED BY: <b>VG</b>	APPROVED BY: <b>JD</b>	DATE: <b>1-3-85</b>	SCALE: <b>NONE</b>	SIZE: <b>A</b>	DRAWING NUMBER: <b>S0185</b>
	FIGURE NUMBER: <b>0185</b>	REV.	DATE						

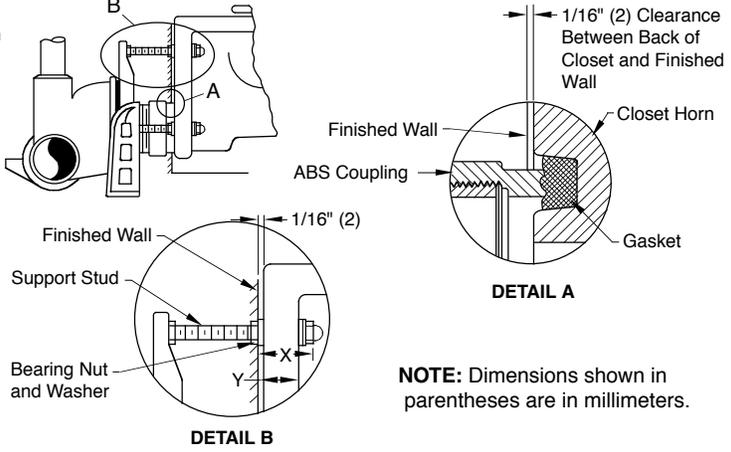
# MODIFICATIONS & VARIATIONS FOR SIPHON JET WATER CLOSETS

## RECOMMENDED SETTING OF CLOSET OUTLET CONNECTION AND FIXTURE STUDS

Manufacturers have slight differences in the depth of the closet horn and flange thickness of their closets. Usually the fixture support closet connection should extend 5/16" (8) beyond face of finished wall (Dimension "R") and the fixture studs 2 1/4" (57) (Dimension "X"). For exact dimensions please use the formulas below.

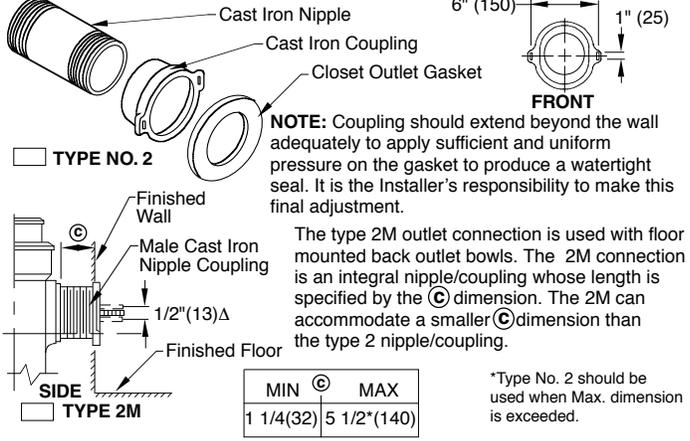
**DETAIL A** Formula for "R" is:  $S + 1/16" (2) - D = R$ .  
 S = Depth of closet horn  
 1/16" (2) = Distance closet is to set away from finished wall.  
 D = 1/2" (13) for felt gasket and 3/8" (10) for neoprene gasket.  
 R = Distance coupling should extend beyond finished wall.  
 NOTE: When the fixture is installed, closet gasket must be compressed sufficiently to assure a gas and water-tight seal.

**DETAIL B** Formula for "X" is:  $Y + 1/16" (2) + 9/16" (14) = X$ .  
 Y = Thickness of closet wall flange.  
 1/16" (2) = Distance closet is to set away from finished wall.  
 X = Distance supporting stud should extend beyond finished wall.  
 NOTE: Bearing nuts and washers must be set to take full loading from the fixture allowing 1/16" (2) clearance between fixture and wall.



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

## OPTIONAL CLOSET OUTLET CONNECTIONS

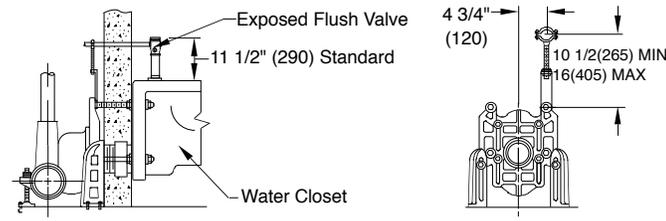
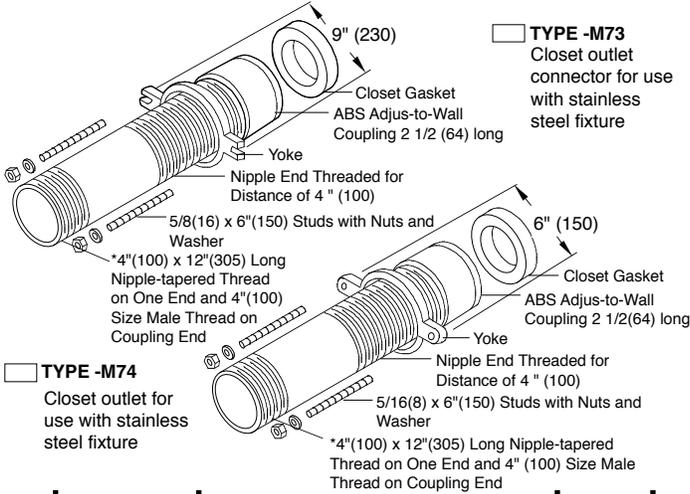


**NOTE:** Coupling should extend beyond the wall adequately to apply sufficient and uniform pressure on the gasket to produce a watertight seal. It is the Installer's responsibility to make this final adjustment.

The type 2M outlet connection is used with floor mounted back outlet bowls. The 2M connection is an integral nipple/coupling whose length is specified by the © dimension. The 2M can accommodate a smaller © dimension than the type 2 nipple/coupling.

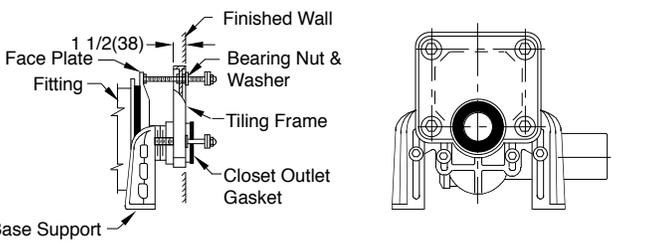
\*Type No. 2 should be used when Max. dimension is exceeded.

**NOTE:** The 4" (100) adjustable coupling is provided with vertical slotted ears which permit a 1/2" (13) adjustment up or down for variation in finished floor height.

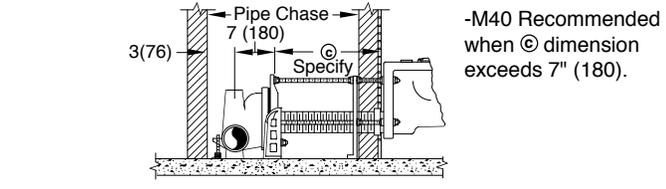


Provides support and alignment for the supply pipe to an exposed flush valve; must be specified for either 1" (25) copper tube or 1" (25) iron pipe.

**SUFFIX -M12 EXPOSED FLUSH VALVE SUPPLY SUPPORT**



**SUFFIX -M13 TILING FRAME - POLYSTYRENE**



-M40 Recommended when © dimension exceeds 7" (180).

Illustration shows single installation. For double (back to back) installations specify whether -M40 variation is required on one side or both sides of pipe chase. When ordering, the pipe chase width and © dimension should also be specified.

**-M40 WATER CLOSET SUPPORT FOR WIDE PIPE CHASE**

DRAWING NUMBER: S0100BS  
 SIZE: A  
 SCALE: NONE  
 DATE: 1-16-85  
 APPROVED BY: JD  
 CHECKED BY: CR  
 DRAWN BY: VGD  
 100/400 Series Back Sheet  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE  
 FIGURE NUMBER

REV.	DATE	DESCRIPTION	BY	CKD. BY
D	2-27-12	Rev. Note Type 2 outlet	TBW	AM
C	12-10-03	Added Note	RN	CL
B	2-26-96	Added Millimeters	EMB	BS

WEIGHT POUNDS	VOLUME CUBIC FEET	<b>FIGURE NUMBER</b> <b>100/400 Series Back Sheet</b>
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