

DOUBLE BLOCK AND BLEED

Test and Isolation Plug (USA)

Positively isolate explosive vapors from hot work areas
when performing modifications and repairs



The Double Block and Bleed (DBB) plug revolutionizes isolation and testing of pipe connections. The DBB plug allows an operator to positively isolate and monitor potentially explosive vapors during “hot work”, then effectively hydrotest the new weld connection with one easy to use tool.

The aluminum/steel construction makes the tool highly portable, and easy to position. The volume of water required for a test is so small that testing can be accomplished using a hand pump. This greatly facilitates testing in remote areas of the facility.

Aluminum/Steel Construction - reduces weight

1.5:1 Safety Factor

Reduces NDE

**Uses less than a gallon of water,
reducing waste and treatment expense**

Working Pressures to 2,250 PSI (155.2 Bar)

Monitor isolation zone and upstream pressure

**Sizes 0.75” to 24” NPS, larger sizes available
on request**

Your Choice:

- Buy it
- Rent it
- Use EST Field Services to provide installation and testing services

***The only plugs manufactured under
a QA program certified to ISO-9001!***

Can be supplied under ANSI N45.2, 10CFR50 Appendix B.

**CURTISS
WRIGHT**
Flow Control Company
EST Group

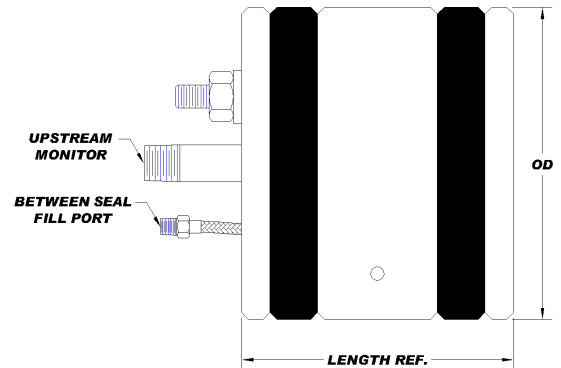
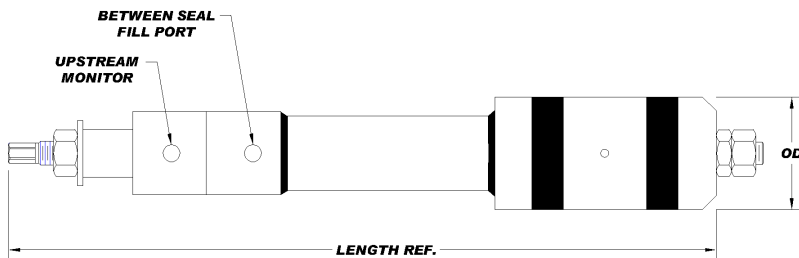
Double Block and Bleed (USA)

Pipe Size (inches)	Part Number	Schedule	Nominal Pipe I.D. (inches (mm))	Plug O.D.	Pressure Between Seals (psi (Bar))	Back Pressure (psi (Bar))	Length (inches (mm))	Weight (lbs (kg))
3/4	DBB-075P80	80	0.74 (18.8)	0.65 (16.5)	2,250 (155.2)	10 (0.7)	22 5/8 (574.6)	2.7 (1.2)
	DBB-075P40	40	0.82 (20.8)	0.72 (18.3)				2.9 (1.3)
1	DBB-1P80	80	0.96 (24.4)	0.84 (21.3)	2,250 (155.2)	10 (0.7)	22 5/8 (574.6)	3.6 (1.6)
	DBB-1P40	40	1.05 (26.7)	0.93 (23.6)				4.0 (1.8)
1 1/4	DBB-125P80	80	1.28 (32.5)	1.13 (28.7)	2,250 (155.2)	10 (0.7)	23 7/8 (606.4)	6.6 (2.9)
	DBB-125P40	40	1.38 (35.1)	1.23 (31.2)				7.2 (3.2)
1 1/2	DBB-15P80	80	1.50 (38.1)	1.35 (34.3)	2,250 (155.2)	10 (0.7)	26 3/4 (679.5)	4 (1.8)
	DBB-15P40	40	1.61 (40.9)	1.46 (37.1)				4 (1.8)
2	DBB-2P80	80	1.94 (49.3)	1.76 (44.7)	2,250 (155.2)	10 (0.7)	28 1/2 (723.9)	5 (2.2)
	DBB-2P40	40	2.07 (52.6)	1.89 (48.0)				5 (2.2)
2 1/2	DBB-25P80	80	2.32 (58.9)	2.13 (54.1)	2,250 (155.2)	10 (0.7)	29 1/4 (743)	8 (3.6)
	DBB-25P40	40	2.47 (62.7)	2.29 (58.2)				9 (4.0)
3	DBB-3P80	80	2.90 (73.7)	2.69 (68.3)	2,250 (155.2)	10 (0.7)	34 1/4 (870)	18 (8.1)
	DBB-3P40	40	3.07 (78.0)	2.86 (72.6)				18 (8.1)
4	DBB-4P80	80	3.83 (97.3)	3.63 (92.2)	2,250 (155.2)	10 (0.7)	6 1/2 (165.1)	5 (2.3)
	DBB-4P40	40	4.03 (102.4)	3.83 (85.9)				6 (2.7)
6	DBB-6P80	80	5.76 (146.3)	5.56 (141.2)	2,250 (155.2)	10 (0.7)	9 (228.6)	19 (8.6)
	DBB-6P40	40	6.07 (154.2)	5.87 (149.1)				21 (9.5)
8	DBB-8P80	80	7.63 (193.8)	7.38 (187.5)	2,250 (155.2)	10 (0.7)	9 3/4 (247.7)	36 (16.3)
	DBB-8P40	40	7.98 (202.7)	7.73 (196.3)				40 (18.1)
10	DBB-10P80	80	9.56 (242.8)	9.31 (236.5)	2,250 (155.2)	10 (0.7)	9 3/4 (247.7)	54 (24.5)
	DBB-10P40	40	10.02 (254.5)	9.77 (248.2)				58 (26.3)
12	DBB-12P80	80	11.38 (289.1)	11.0 (279.4)	2,250 (155.2)	10 (0.7)	9 3/4 (247.7)	75 (34.0)
	DBB-12P40	40	11.94 (303.3)	11.62 (295.1)				83 (37.6)
14	DBB-14P80	80	12.50 (317.5)	12.12 (307.8)	2,250 (155.2)	10 (0.7)	11 1/4 (285.8)	94 (42.6)
	DBB-14PSTD	STD	13.25 (336.6)	12.87 (326.9)				103 (46.7)
16	DBB-16P80	80	14.31 (363.5)	13.93 (353.8)	2,250 (155.2)	10 (0.7)	11 1/4 (285.8)	120 (54.4)
	DBB-16PSTD	STD	15.25 (387.4)	14.87 (377.7)				135 (61.2)
18	DBB-18P80	80	16.12 (409.4)	15.74 (399.8)	2,250 (155.2)	10 (0.7)	11 1/4 (285.8)	149 (67.6)
	DBB-18PSTD	STD	17.25 (438.2)	16.87 (428.5)				169 (76.7)
20	DBB-20P80	80	17.94 (455.7)	17.56 (446.0)	2,250 (155.2)	10 (0.7)	11 3/4 (298.5)	196 (88.9)
	DBB-20PSTD	STD	19.25 (489.0)	18.87 (479.3)				220 (99.8)
24	DBB-24P80	80	21.56 (547.6)	21.18 (538.0)	2,250 (155.2)	10 (0.7)	11 3/4 (298.5)	272 (123.4)
	DBB-24PSTD	STD	23.25 (590.6)	22.87 (580.9)				308 (139.7)

Dimensional information shown above for reference only. Additional sizes available upon request. Specifications subject to change without notice. Contact EST Group Customer Service for information.

When ordering, please specify the following information:

- Size information (O.D., I.D., and wall thickness)
- Pipe materials
- Temperature



EST Group
 Hatfield, PA 19440 USA
 (P) 215.721.1100
 800.355.7044
 (F) 215.721.1101
 est-info@curtisswright.com
 http://estgroup.cwfc.com

EST Group B.V.
 Hoorn 312a
 2404 HL Alphen aan den Rijn
 The Netherlands
 (P) +31.172.418841
 (F) +31.172.418849
 est-emea@curtisswright.com

EST Group Asia
 35 Tannery Road, #11-10 Tannery Block
 Ruby Industrial Complex
 Singapore 347740
 (P) +65.6745.8560
 (F) +65.6742.8700
 est-asia@curtisswright.com

**CURTISS
 WRIGHT**
 Flow Control Company
EST Group