

AS RETRIEVABLE BRIDGE PLUG

The **AS Retrievable Bridge Plug** is a high pressure plug for multiple zone and selective single zone operations such as acidizing, fracturing, cementing and testing. It features a large internal by-pass to reduce swabbing when running and retrieving. The by-pass closes during the setting of the plug and opens prior to releasing the upper slips to equalize pressure when unsetting. The by-pass is located directly below the upper slips to help wash debris when the by-pass is open.

This tool can be set in tension or compression. It can be set shallow in unsupported casing to contain pressure while working on wellhead equipment. It can be set in tension making it ideal for setting shallow to test wellhead equipment and also deep, high-pressure wells.

The **ASW Retrievable Bridge Plug** is a version of the AS Retrievable Bridge Plug that allows the plug to be set on wireline

or with a hydraulic setting tool, and retrieved with tubing. It cannot be reset in the wellbore once it is unset, but it can be pulled, re-dressed and run again. A Wireline Adapter Kit is required for this version.

Special Features:

- >1/4 reight-hand set and release (standard)
- >Large internal by-pass
- > Set at any depth
- >Pressure equalizes before slips release
- >High pressure rating
- >Additional J-slot set up is available
- >The AS BP sets mechanically in tension or compression
- >ASW is the same plug, only using wireline or hydraulic setting tool



Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Thread Connection Pin Down
Size (inches)	Weight (lbs/ft)				
3-1/2	7.7 - 10.2	2.922 - 3.068	2.781	-	1.900 EUE
4	9.5 - 11.0	3.476 - 3.548	3.250	-	1.900 EUE
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	-	2-3/8 EUE
	15.1	3.826	3.656	-	2-3/8 EUE
	15.1 - 16.6	3.754 - 3.826	3.625	-	2-3/8 EUE

ENVISION DOWNHOLE, LLC

801 S. Pagewood Ave. Suite 7 Odessa, TX 79761

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AS RETRIEVABLE BRIDGE PLUG (continued)

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Thread Connection Pin Down
Size (inches)	Weight (lbs/ft)				
5	11.5 - 15.0	4.408 - 4.560	4.125	4.215 ¹	2-3/8 EUE
	18.0 - 21.0	4.154 - 4.276	3.969	4.010 ¹	2-3/8 EUE
5-1/2	9.0 - 13.0	5.044 - 5.192	4.812	-	2-3/8 EUE
	13.0 - 20.0	4.778 - 5.044	4.625	-	2-3/8 EUE
	20.0 - 23.0	4.670 - 4.778	4.500	-	2-3/8 EUE
6	17.0 - 20.0	5.352 - 5.450	5.188	-	2-3/8 NUE
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	-	2-3/8 EUE
	24.0 - 32.0	5.675 - 5.921	5.500	-	2-3/8 EUE
	32.0 - 35.0	5.575 - 5.675	5.375	-	2-3/8 NUE
7	17.0 - 26.0	6.276 - 6.538	5.969	6.062 ¹	2-3/8 EUE
	26.0 - 32.0	6.094 - 6.276	5.875	-	2-3/8 EUE
7-5/8	24.0 - 29.7	6.875 - 7.025	6.672	6.687 ¹	2-3/8 EUE
	29.7 - 33.7	6.765 - 6.875	6.527	-	2-3/8 EUE
	33.7 - 39.0	6.625 - 6.765	6.453	6.499 ¹	2-3/8 EUE
8-5/8	20.0 - 28.0	8.017 - 8.191	7.750	-	3-1/2 EUE
	24.0 - 40.0	7.725 - 8.097	7.500	-	3-1/2 EUE
9-5/8	32.3 - 43.5	8.755 - 9.001	8.500	-	3-1/2 EUE
	43.5 - 53.5	8.535 - 8.755	8.250	-	3-1/2 EUE
10-3/4	32.75 - 51.0	9.850 - 10.192	9.625	-	3-1/2 EUE
	51.0 - 65.7	9.560 - 9.850	9.312	9.374 ¹	3-1/2 EUE

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AS RETRIEVABLE BRIDGE PLUG (continued)

Casing		Recommend d Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Thread Connection Pin Down
Size (inches)	Weight (lbs/ft)				
11-3/4	42.0 - 71.0	10.586 - 11.084	10.375	10.500 ¹	3-1/2 EUE
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	-	3-1/2 EUE
14	82.5 - 101.5	12.600 - 12.876	12.438	12.500 ¹	3-1/2 EUE
16	65.0 - 109.0	14.688 - 15.250	14.438	-	4-1/2 IF TOOL JOINT
18-5/8	87.5 - 117.5	17.439 - 17.755	17.000	-	4-1/2 IF TOOL JOINT
20	133.0 - 169.0	18.376 - 18.730	18.000	-	4-1/2 IF TOOL JOINT

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