

# EZ-RETRIEVABLE BRIDGE PLUG

Reliable, versatile and cost-efficient zone isolation

## OPERATING PRINCIPLE:

The Flodim EZ-Retrieveable Bridge Plug is a premium quality high performance wireline retrieveable and coiled/jointed tubing bridge plug. The bridge plug has been designed with our costumers' needs and product reliability.

The EZ-Retrieveable Bridge Plug is a product designed to isolate the wellbore when performing treatments such as fracturing, acidizing, surface equipment maintenance or temporary suspension of the producing formation.

With the use of the Flodim Hydraulic Setting Tool the bridge plug can also be conveyed into the well by jointed or coiled tubing. This method allows the operator to place the plug in a deviated well. The EZ-Retrieveable Bridge Plug must be retrieved using the Flodim EZ Retrieving Tool.

Our EZ-Retrieveable Bridge Plug designs are pressure tested by top quality third party consultants to the most exacting of the industry to ensure reliability for our operation.



## APPLICATIONS

- / Acidizing
- / Fracturing
- / Cement
- / Casing
- / Pressure testing
- / Wellhead replacement
- / Zone isolation
- / Coiled/jointed tubing, Hydraulic or Wireline uses

## BENEFITS

- / Simple installation and removal
- / Built in differential pressure equalization
- / Ability to hang pressure recorders
- / May be lubricated into a live well
- / Bridge plug will not release unless equalizing sleeve has been shifted

## RUNNING PROCEDURE

The EZ-Retrieveable Bridge Plug is connected to the EZ-Hydraulic Setting Tool and jointed tubing then run to the required depth. No balls or other devices are required to set this tool, and the required amount of pressure is applied to the tubing to set the bridge plug, shifting the bridge plug to the set position with the elements compressed and the slips engaged into the casing wall and shearing off. The setting tool will automatically drain the tubing string as it is being pulled. After reaching maximum applied pressure it is sometimes required to pull a small amount of tension to release from the bridge plug.

The EZ-Retrieving Tool is used to retrieve the bridge plug. The tool is lowered onto the bridge plug while circulating any sand or other debris off the plug. The Retrieving Head will open the valve, allowing any pressure differential to equalize. Continued downward movement will latch the Retrieving Head onto the Bridge Plug - upward motion releases the plug.

The Retrieving Head may be disconnected from the Bridge Plug if necessary with approximately 8 to 10 turns of right hand rotation while holding a slight amount of tension.

## SPECIFICATIONS

Casing OD		Casing weight		Casing Min. ID		Casing Max. OD		Tool Max. OD	
in	mm	lb/ft	kg/m	in	mm	in	mm	in	mm
4 1/2	114.3	13.5-15.1	20.09-22.47	4.95	125.73	5.004	128.12	3.65	92.71
		9.5-13-5	14.14-20.08	3.92	99.57	4.090	103.88	3.771	95.78
		20-23	29.76-34.23	4.67	118.62	4.778	121.36	4.5	114.30
5 1/2	139.7	15.5-17	23.06-25.30	4.892	124.26	4.95	125.73	4.54	115.32
								4.64	117.86
		13-15.5	19.35-23.06	4.95	125.73	5.044	128.12	4.78	121.41
7	177.8	32.0-38.0	47.6-56.5	6.094	154.79	6.184	157.07	5.75	146.05
		29-32	38.7-43.2	6.184	157.1	6.276	159.4	5.875	149.23
		23-26	34.22-38.69	6.276	159.41	6.366	161.69	6.05	153.67
		17-20	25.30-29.76	6.456	163.98	6.538	166.07	6.23	158.24
8 5/8	219.1	20-28	29.76-41.67	8.097	205.66	8.625	219.08	7.75	196.85
9 5/8	244.5	29-36	41.67-53.57	9.063	230.20	9.625	244.48	8.5	215.9

Custom sizes and configurations also available