

Well Construction

Downhole Service Tools

Cast-Iron Bridge Plug

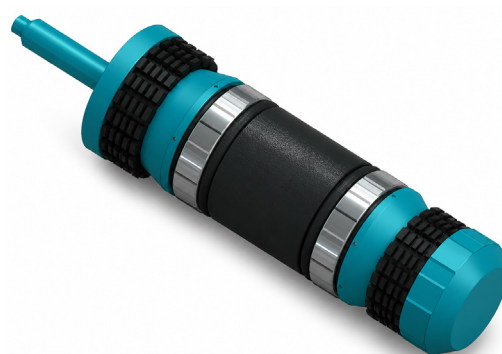
The Cast-Iron Bridge Plug is built on a low-complexity design with high reliability. It is used for zonal isolation, well abandonment, casing pressure tests, and stimulation, and can be set via electric wireline using a wireline setting tool, or on tubing/coiled tubing using a hydraulic setting tool. The cast iron bridge plug is designed to be drilled out if necessary, maintaining sufficient strength while set.

Features and benefits

- Available in tubing and casing sizes from 2-3/8" to 20"
- Wireline, tubing, or coiled tubing set
- Drillable cast-iron construction
- Sets in casing grades greater than Q125
- Anti-swab/anti-preset characteristics with 360° slips
- Angled backup design prevents element extrusion
- Setting force held in place by ratcheting, internal lock ring
- 400° F plugs, sour gas plugs, and 125+ yield casing plugs are available upon request

Applications

- Temporary or Permanent well abandonment
- Temporary or Permanent zonal isolation
- Land, Shelf, and Deepwater operations where rapid removal is desired
- High-Pressure/High-Temperature wells



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Specifications								
Casing Size (in.)	Weight (lbs-ft)	Casing Min. I.D. Setting Range (in.)	Casing Max. I.D. Setting Range (in.)	O.D. (in.)	Max. Temperature (°F)	Max. pressure (psi)	Setting Tool Options	
2-3/8"	3.3 - 5.9	1.867	2.107	1.710	325	10,000	Baker 5	GO: 1 11/16 - 1.75 L/S
2-7/8"	6.4 - 7.9	2.280	2.563	2.100	325	10,000	Baker 5	GO: 1 11/16 - 1.75 L/S
3-1/2"	12.7 - 12.95	2.625	2.750	2.500	325	10,000	Baker 5	GO: 1 11/16 - 1.75 L/S
3-1/2"	5.7 - 10.2	2.867	3.258	2.750	325	10,000	Baker 5 or 10	GO: 1 11/16 - 1.75 L/S or 2-1/8 Multi-Stage
4"	5.6 - 14	3.340	3.732	3.120	325	10,000	Baker 10	GO: 2 1/8 Multi-Stage
4-1/2"	9.5 - 16.6	3.826	4.090	3.500	325	10,000	Baker 10	GO: 3-1/2
4-1/2"	9.5 - 13.5	3.920	4.560	3.710	325	10,000	Baker 10	GO: 3-1/2
5"	11.5 - 21							
5-1/2"	13 - 25	4.580	5.047	4.240	325	10,000	Baker 20	GO: 3-1/2
5-3/4"	22.5 - 25.2							
6"	14 - 26	5.140	5.595	4.750	325	10,000	Baker 20	GO: 3-1/2
6-5/8"	34							
6"	10.5 - 12	5.595	6.366	5.340	325	10,000	Baker 20	GO: 3-1/2
6-5/8"	17 - 34							
7"	23 - 40	5.989	6.655	5.610	325	10,000	Baker 20	GO: 3-1/2
6-5/8"	17 - 22							
7"	17 - 35	6.625	7.263	6.090	325	10,000	Baker 20	GO: 3-1/2
7-5/8"	20 - 39							
8-5/8"	24 - 49	7.511	8.248	6.960	300	8,000	Baker 20	GO: 3-1/2
9-5/8"	29.3 - 53.5	8.435	9.063	7.710	300	8,000	Baker 20	GO: 3-1/2
10-3/4"	54 - 81	9.250	9.784	8.710	300	5,000	Baker 20	GO: 3-1/2
10-3/4"	32.7 - 51	9.850	11.150	9.500	300	5,000	Baker 20	GO: 3-1/2
11-3/4"	38 - 60							
13-3/8"	77 - 102	11.633	12.454	11.560	300	5,000	Baker 20	GO: 3-1/2
13-3/8"	48 - 72	12.347	12.715	12.000	300	5,000	Baker 20	GO: 3-1/2
16"	65 - 109	14.688	15.250	14.250	200	2,000	Baker 20	GO: 3-1/2
18-5/8"	76 - 96.5	17.655	18.730	17.250	200	2,000	Baker 20	GO: 3-1/2
20"	133 - 169	17.655	18.730	17.250	200	2,000	Baker 20	GO: 3-1/2