



HBP Hydro-Mechanical Bridge Plug

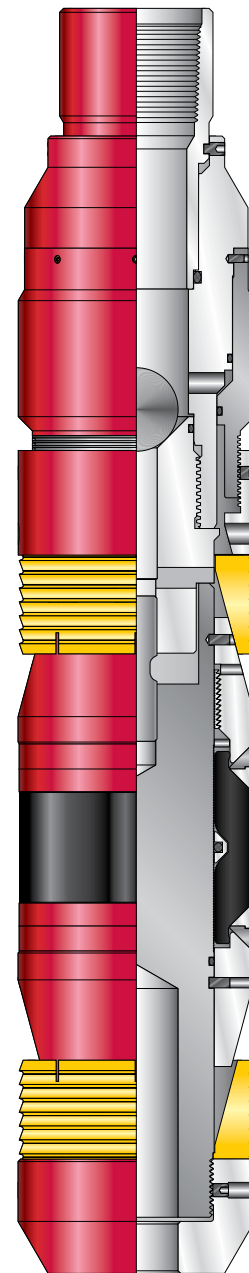
Weatherford's HBP hydro-mechanical bridge plug is a drillable, high-pressure plug run on tubing or drillpipe to isolate the lower part of a wellbore. Hydraulic pressure and tubing tension set the plug. A built-in hydraulic setting tool in the top of the plug sets the top slips. Tubing tension combined with the pressure is applied to complete the setting. Then the tool automatically shears off for retrieval from the well. Alternatively, right rotation can release the tubing.

Applications

- Deviated and horizontal wells
- Temporary and permanent plugging
- Abandonment

Features, Advantages and Benefits

- The compact design enables use in deviated wells.
- The full-circle slips provide a large contact area to minimize casing damage.
- The expanding full-circle rings support the plug to prevent element extrusion.
- The shear or rotational release provides options for releasing the plug after deployment.
- Construction with drillable materials enables the plug to be milled or drilled out to save the time and expense of retrieval.





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Specifications

Casing				Plug	
OD (in./mm)	Weight (lb/ft, kg/m)	ID (in./mm)		Maximum OD (in./mm)	Part
		Minimum	Maximum		
4-1/2 114.3	9.5 to 15.1 14.1 to 22.5	3.826 97.18	4.090 103.89	3.593 91.26	43HBP.1001
5-1/2 139.7	13.0 to 23.0 19.3 to 34.2	4.670 118.62	5.044 128.12	4.312 109.52	45HBP.1001
7 177.8	17.0 to 38.0 25.3 to 56.6	5.920 150.37	6.538 166.07	5.688 144.49	47HBP.1003
7-5/8 193.7	20.0 to 39.0 29.8 to 58.0	6.625 168.28	7.125 180.98	6.312 160.32	48HBP.1001
9-5/8 244.5	29.3 to 61.1 43.6 to 90.9	8.375 212.73	9.063 230.20	8.125 206.38	51HBP.1001
10-3/4 273.1	32.8 to 60.7 48.8 to 90.3	9.660 245.36	10.192 258.88	9.437 239.70	53HBP.1001
13-3/8 339.7	48.0 to 72.0 71.4 to 107.1	12.347 313.61	12.715 322.96	12.000 304.80	55HBP.1002
20 508.0	94.0 to 175.0 139.9 to 260.4	18.314 465.18	19.124 485.75	18.000 457.20	59HBP.1001