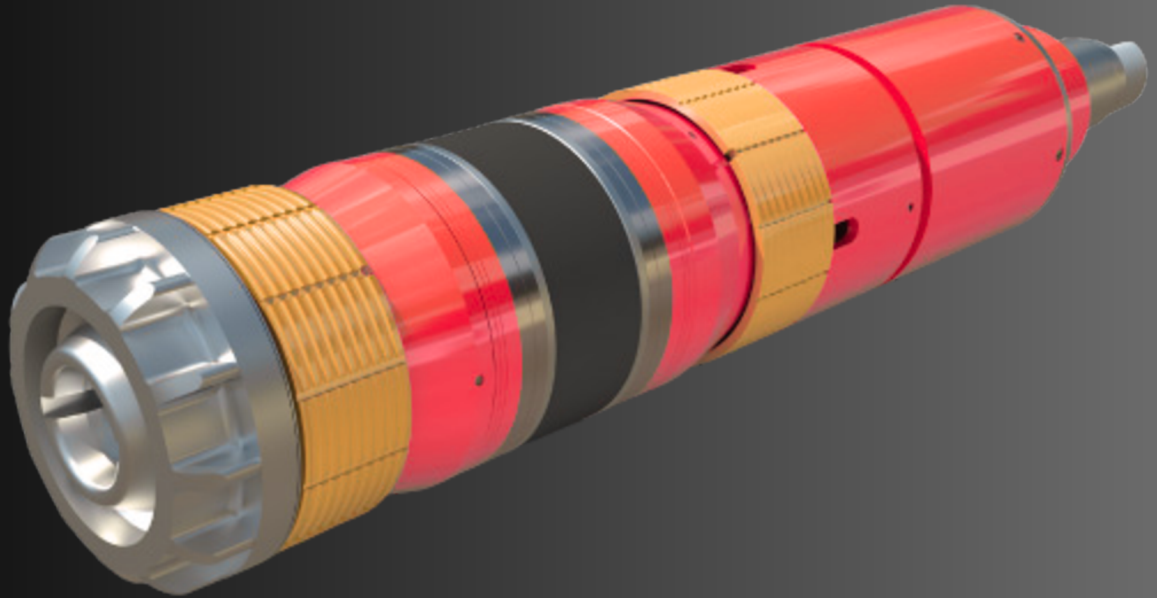


Hydro-mechanical bridge plug



AZM 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 :-

- 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.

Hydro-mechanical bridge plug

Casing				TOOL
Size	Weight (lb/ft)	MIN. I.D. (IN.)	Max. O.D. (in)	Max. O.D. (in)
4-1/2	9.5 to 15.1	3.826	4.090	3.593
5-1/2	13.0 to 23.0	4.670	5.044	4.312
7	17.0 to 38.0	5.920	6.538	5.688
7-5/8	20.0 to 39.0	6.625	7.125	6.312
9-5/8	29.3 to 61.1	8.375	9.063	8.125
10-3/4	32.8 to 60.7	9.660	10.192	9.437
13-3/8	48.0 to 72.0	12.347	12.715	12.000
20	94.0 to 175.0	18.314	19.124	18.000