

Aluminum Pump-Out Plug (A-POP)

The Aluminum Pump-out Plug (A-POP) is used to form a temporary barrier in the tubing string to perform a variety of downhole operations. The A-POP restricts fluid and pressure from below until expended with tubing pressure once the intended operation is complete.

Also available in Ball Drop Configuration

APPLICATION

- Temporary barrier in the tubing string

BENEFITS

- Low cost
- Wide choice of shear-out pressures
- Provides a tubing plug without well intervention

FEATURES

- Adjustable shear value
- Full bore after actuation
- Available in standard and premium threads and materials

DESCRIPTION AND OPERATION

The Aluminum Pump-out Plug (A-POP) prevents the tubing from filling with fluid in addition to providing a pressure barrier as the equipment runs in-hole. The shear settings are easily adjusted in the field. Once the equipment's required setting pressure is applied and held for the time required for the specific application, the tubing pressure is then increased to shear the screws retaining the plug. Once expended, the plug simply falls to the bottom of the well, leaving the pump out plug housing with a fully open tubing ID.



Box x Wireline Entry Guide Pump-out Plugs				
Tubing OD (in. [mm])	Sub Max. OD (in. [mm])	OD of Plug (in. [mm])	ID of Tool After Shear (in. [mm])	Setting Pressure Per Screw (PSI/Screw+/15%)
2.385	3.063 [77.8]	1.90 [48.26]	1.80 [45.72]	706
2.875 [114.3]	3.650 [92.71]	2.30 [58.42]	2.25 [57.15]	482
3.500 [88.9]	4.500 [114.3]	3.63 [92.02]	3.60 [91.44]	329

Box x Pin Pump-out Plugs				
Tubing OD (in. [mm])	Sub Max. OD (in. [mm])	OD of Plug (in. [mm])	ID of Tool After Shear (in. [mm])	Setting Pressure Per Screw (PSI/Screw+/15%)
2.385	3.063 [77.8]	1.90 [48.26]	1.80 [45.72]	706
2.875 [114.3]	3.650 [92.71]	2.30 [58.42]	2.25 [57.15]	482
3.500 [88.9]	4.500 [114.3]	2.74 [69.60]	2.75 [69.85]	577