

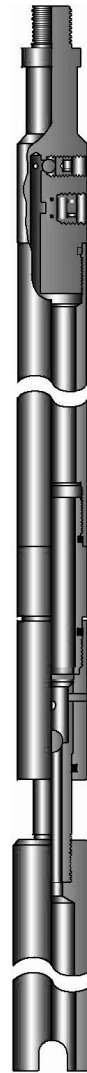


## Hydrostatic Bailer

The **Hydrostatic Bailer** is a wireline service tool used to clear the debris which has settled on the top of the subsurface equipment, preventing the recovery of the equipment by regular wireline operations. The Hydrostatic Bailer is specifically designed for use when the debris cannot be removed from the well with a Sand Pump Bailer.

The bailer upper portion consists of a chamber, sealed at atmosphere pressure, with a relief plug at the upper end and a shear piston at the lower end. The piston is secured to its housing with shear pins.

When debris had been reached, downward jarring will shear the pin securing the piston to the housing. Well pressure will cause the piston to move rapidly upwards and the suction created will draw debris into the tool.



Hydrostatic Bailer

Hydrostatic Bailers			
Actual. OD	F/N OD	Length	Top Connection
(in.)	(in.)	(in.)	(in. TPI)
1.50	1.375	60	15/16-10 UN
1.75	1.375	60	15/16-10 UN
1.875	1.375	60	15/16-10 UN
2.00	1.750	60	1-1/16-10 UN
2.50	1.750	60	1-1/16-10 UN
3.00	2.313	60	1-9/16-10 UN
3.50	2.313	60	1-9/16-10 UN

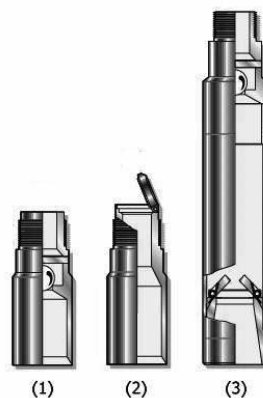
Other sizes available on request.

Please specify Bailer Shoe Type when ordering.

- 1) Ball Type Bailer Shoe
- 2) Flapper Type Bailer Shoe
- 3) Junk Catcher Type Bailer Shoe

Note: Please specify information below when inquiry

- 1) Tool Size
- 2) Bailer shoe type required
- 3) Connection type



Subject to change without notice



## Attention during operation

The Hydrostatic Bailers are used to clean off sand or foreign materials from around a fishing neck very successfully and are not recommended for normal bailing operations. In soft sand, this bailer will bury itself each time it goes off. It usually requires a hard object against which to shear the disc.

Always use a Pump Bailer to remove the bulk of sand etc. until the Pump Bailer is resting on the plug or whatever is to be removed. A Hydrostatic Bailer can then be used to clean around the fishing neck.

Hydrostatic Bailers are not recommended for normal bailing operations because:

- Too slow
- A high possibility of sticking in the sand due to suction action when the sealed chamber is opened.

The Sand Pump Bailer and Hydrostatic Bailer can be dangerous after pulling them to the surface and when unloading the sand, due to pressure trapped inside the chamber. Caution should be taken when removing the check valve on the bottom to make sure there is no pressure inside. This can be determined usually by how hard the bottom is to unscrew. One should never completely remove the bottom while the bailer is pressured up. Do not hammer on a bailer to remove sand. These bailers are subject to bottom hole pressure. It is a good idea to visually inspect these bailers for wear and wall reduction.

Hydrostatic Bailer have pressure relief valves, and some have an automatic pressure relief valve. These become plugged easily and can be dangerous to handle, so observe the above caution when unscrewing the bottom.