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PIONEER CB JUNK BASKET (CORE BASKET)

The PIONEER Junk Baskets, (CB Series) are used to retrieve loose items of junk which may have accumulated at the well bottom and may be liable to give problems when drilling. Pioneer Junk Baskets may also be used to take core samples, or to ream a hole to size.

The Pioneer Core Basket consists of a Top Sub, Barrel and Shoe which contains two teflon coated steel catchers. These two catchers may be replaced with a Magnet Insert which effectively converts the Core Basket to a Fishing Magnet.

It is important that the two catchers are free to rotate in the Shoe when assembled to the Barrel. The catcher with the short fingers fits above the catcher with the long fingers.

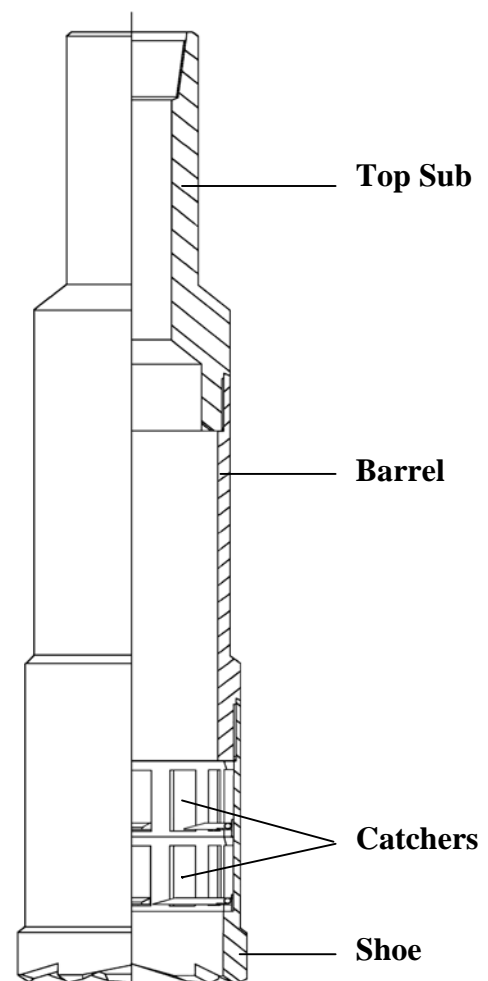
Various types of shoes can be used with the Pioneer Core Basket, the type of shoe depending on the formations hardness or the application.

The 'A' Type Mill Shoe is furnished with carburised mill teeth and can be used in softer formation. This shoe is supplied as standard with the Core Basket unless another type is requested.

The 'B' Type Mill Shoe is similar in design to the Type 'A' but the mill teeth are dressed with crushed tungsten carbide and is used for milling junk during fishing operations. The Type 'B' Mill Shoe is also used for cutting into harder formations.

The Type 'C' Mill Shoe is flat bottomed and dressed with crushed tungsten carbide on the inner bottom and outer faces and is used for cutting cores in hard formation or cutting metal.

Finger Type Shoes are expendable items and are used once only. They are used for retrieving loose junk lying in the bottom of the hole. The Finger Shoe is lowered over the Junk and rotated while continuing to supply downward pressure to the string. The combined rotation and pressure causes the fingers to bend and close under the fish and retain it inside the Barrel.



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