

## Reverse Circulation Junk Basket



Type B Mill Shoe

The AEI's Reverse Circulation Junk Basket (RCJB) is a specially designed tool used for removing small junk objects from a wellbore. One of its key features is the ability to maintain reverse circulation even when fitted with a magnet insert. This tool eliminates the need for pulling a wet string during junk removal operations.

To operate the AEI'S RCJB, it is attached to the bottom of the fishing string and lowered to a point near the bottom of the hole. Circulation is initiated to wash the hole, after which the steel ball is dropped to activate the tool. Once the ball is dropped, the fluid flows outward and downward through the inner passage of the barrel and out through the vents. The tool then deflects the fluid to the tool's center and up through the return holes in the upper end of the barrel, allowing the reverse fluid circulation to carry the junk into the barrel above the junk catcher.



Type C Mill Shoe

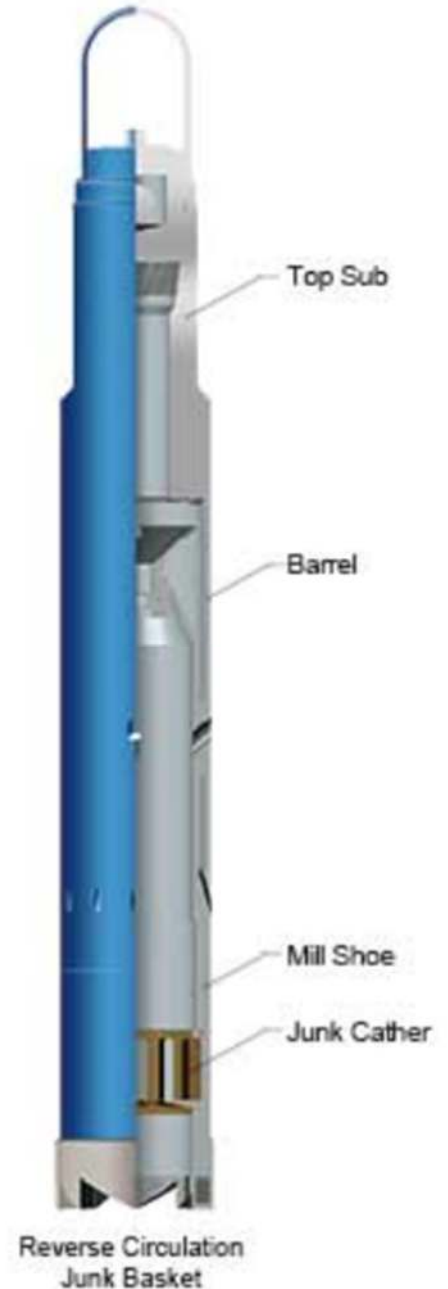


Magnet insert



Finger Shoe

As the tool is rotated slowly and lowered, a core of up to 10 inches is cut, and once the core is collected, rotation and circulation are stopped, and the tool is pulled from the hole.



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Model	Barrel O.D. (mm)	Mill Shoe O.D. (mm)	Fish Max. O.D. (mm)	Ball Dia. (mm)	Thread Connection	Hole Size (mm)
LL-381	381	386	282	55	7 5/8 REG	406-444
LL-318	318	324	248	55	6 5/8 REG	349-406
LL-F286	286	298	217	55	6 5/8 REG	320-346
LL-F279	279	286	211	55	6 5/8 REG	300-341
LL-F254	254	260	195	55	6 5/8 REG	275-295
LL-F245	245	252	192	50	NC50	275-295
LL-F232	232	239	179	50	NC50	255-270
LL-F206	206	210	159	45	NC50	223-241
LL-F195	195	202	149	42	NC50	215-241
LL-F178	178	184	130	42	NC50	198-209
LL-F168	168	174	123	42	NC50	190-209
LL-F130	130	136	94	40	NC31	155-165
LL-F121	121	126	90	35	NC31	142-152
LL-F114	114	121	82	35	NC31	130-140
LL-F97	97	103	62	30	NC26	117-127
LL-F89	89	94	55	30	NC26	108-114



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