

Lifting-Lowering & Releasing Overshot



Releasing and Reversing Overshot

The Lifting-Lower and Releasing Overshot is a fish tool used for retrieving fractured tubing and drill string in the casing. If the drill string is stuck and difficult to remove, the tool can be retrieved by bumping the drill string down and lifting it directly.

This product is ideal for fishing operations as it does not require rotation. Fish can be caught or released using a straightforward lifting or lowering motion of the tool.

Application:

The Lifting-Lower and Releasing Overshot consists of several parts, including a top sub, bowl, guide pin, guide sleeve, joint sleeve, plug, roller pin, slip, and guide. The tool works by using long and short track trenches to complete fishing and releasing fish. The guide pin is lifted and lowered to position the slip accordingly. The joint sleeve, which is in a two-petal formation, connects the slip and guide sleeve and acts as a bearing. The inner surface of the slip has a fish thread, with a guide at the bottom to introduce the fish successfully into the slip. In the non-rotating condition, the tool can successfully complete the fishing and releasing of fish.

Model	O. D.(mm)	Connection	Catch Size (in)
TFLT48	95	NC26	1.9
TFLT60	105	NC31	2 3/8
TFLT73	115	NC31	2 7/8
TFLT89	134	NC38	3 1/2
TFLT114	150	NC38	4 1/2



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