

# OVERSHOT

## DESCRIPTION

The Overshot is the strongest tool available to externally engage, pack-off and pull a fish. It is used to retrieve lost tubing, drill pipe, coupling, tool joint, casing and other similar fishes.

It is composed of three outside parts : Top Sub, Bowl and Guide.

## USE

If the fish diameter is near the maximum catch of the Overshot, a Spiral Grapple, Spiral Grapple Control and Type "A" Packer are used. If the fish diameter is considerably below maximum catch size (usually a 1/2") a Basket Grapple and a Mill Control Packer are used.

Specify :

- Diameter and weight (lbs/ft) of your casings
- Nature, state and dimensions of your fish (outside diameters, tool joint, upset...)

## STANDARD SPECIFICATIONS

Max catch size (spiral)	1-13/16"	3-3/8"	4-3/4"	6-1/2"	7"	7-3/4"	10-1/8"
Max catch size (basket)	1-5/8"	2-7/8"	4-1/4"	5-3/4"	6-3/8"	7"	9-3/8"
Overshot OD	2-5/16"	3-7/8"	5-3/4"	8-1/8"	8-1/8"	9-3/8"	11-3/4"
Type	SFS	XSH	FS	FS	SH	FS	FS

### Spiral Grapple

It is formed as a left-hand helix with a tapered exterior to conform with the helically tapered section in the bowl. Its interior is wickered for engagement with the fish.

### Basket Grapple

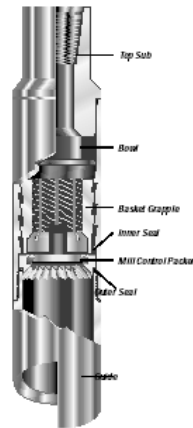
It is an expansible cylinder with a tapered exterior to conform to the helically tapered section in the bowl. Its interior is wickered for engagement with the fish.

Standard : it is wickered for its entire interior length. It is used to catch any plain single diameter fish.

Long Catch Stop : it has an internal shoulder to stop the fish in the best catch position. It is designed to stop and catch collars and tool joints.

## YOU MAY ALSO BE INTERESTED BY :

- Super Junk Mill
- Pipe Cutter
- Impression Block



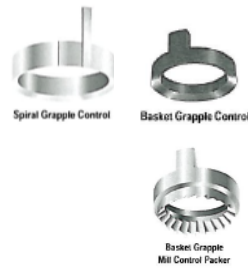
# OVERSHOT (suite)

## Grapple Controls

Grapple Controls are used as a special key to allow the grapple to move up and down during operation while simultaneously transmitting full torque from the grapple to the bowl

Spiral Grapple Control : used with spiral grapples.

Basket Control : : used with basket grapples. Often, a Mill Control Packer, designed with little mill teeth is used for clear off the head of the fish and provide a best catch.



## Système Pack-Off

Type "A" Packer : used with spiral grapples.

It is a sleeve type. It seals at the O.D. against the inside of the bowl. It has an internal lip which seals around the fish.

Control Packer : used with basket grapples.

It is standard with type "R" Packer. Plain control Packer is used when the milling operation has already been performed prior to the fishing operation and Mill Control Packer when light dressing is required prior to fish engagement.



## OVERSHOT GUIDES AND EXTENSIONS

### Upsize Guide and Wall Hook Guide

When the hole is much larger than the fish size and when the Overshot can pass along the side of the fish, an Upsize Guide or Wall Hook Guide must be installed to insure alignment of the fish with the overshot.



### Extension

Extensions can be added between the bowl and the top sub, when the catch have to be done lower than the top of the fish. (Case of tubing too corroded witch could crumble, but in best condition few meters lower, ensuring a best catch)

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- Super Junk Mill
- Pipe Cutter
- Impression Block