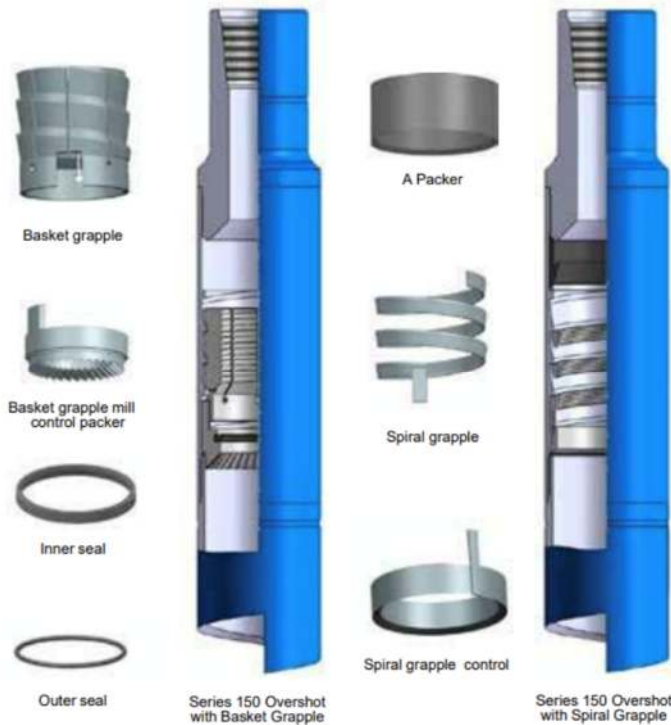


## Series 150 Overshot



AEI's Series 150 Releasing and Circulating Overshot serves as an external fishing tool used for engaging, packing off and retrieving tubular fish, particularly drill collars and drill pipes. The overshot grapple is customizable to suit various fish sizes, enabling one overshot to be equipped with different grapple components for efficiently fishing different sizes of fish.

AEI's Series 150 Overshot comprises three external components: Top Sub, Bowl, and Standard Guide.

The Basic Overshot is flexible and can be paired with either of the two sets of internal parts. In cases where the fish diameter is closer to the Overshot maximum capacity, the Spiral Grapple, Spiral Grapple Control, and Type "A" Packer are employed. When the fish size is considerably smaller than the maximum catch size (½" or more), the Basket Grapple and Mill Control Packer are utilized.

**When ordering please specify:**

- The model of the overshot
- The hole, casing size or O.D. of overshot
- Top connection
- O.D of the fish

FS = Full Strength

SH = Slim Hole

Model	O.D (mm)	Max.Catch Size(mm)		API Connection	Model	Product Code	O.D. (mm)	Max.Catch Size (mm)		API Connection
		Spiral Grapple	Basket Grapple					Spiral Grapple	Basket Grapple	
LT-T89F.S.	89	60.3	48.3	NC26	LT-T200F.S.	L01-2500	200	159	141	NC50
LT-T98S.H.	98	79.4	66.7	NC26	LT-T200S.H.	L01-5500	200	171.5	155.6	NC50
LT-T102F.S.	102	73	60.3	NC26	LT-T206S.H.	L01-2700	206	178	163	NC50
LT-T114S.H.	114	89	73	NC31	LT-T206F.S.	L01-2600	206	165	149	NC50
LT-T119S.F.S.	119	95.3	82.6	NC31	LT-T210F.S.	L01-5100	210	168	149	NC50
LT-T121S.H.	121	98.4	85.7	NC31	LT-T232S.H.	L01-3000	232	203	187	NC50
LT-T138F.S.	138	105	89	NC38	LT-T245F.S.	L01-3100	245	203	184	6 5/8REG
LT-T143S.H.	143	121	108	NC38	LT-T257F.S.	L01-5200	257	216	197	6 5/8REG
LT-T146F.S.	146	121	108	NC38	LT-T270F.S.	L01-3300	270	228.6	209.6	6 5/8REG
LT-T149S.H.	149	127	114	NC38	LT-T286F.S.	L01-3500	286	244.5	225.4	6 5/8REG
LT-T168S.H.	168	139.7	120.6	NC50	LT-T298F.S.	L01-3600	298	257	238.1	6 5/8REG
LT-T181F.S.	181	146	127	NC50	LT-T324	L01-4300	324	286	267	6 5/8REG
LT-T194S.F.S	194	159	141	NC50	LT-T350	L01-4400	350	305	286	6 5/8REG



www.aeisupplies.com  
 info@aeisupplies.com



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AEI's Series 150 Releasing and Circulating Overshot can be equipped with a wide range of accessories to meet a variety of complex fishing environments.



Extension Sub

### Extension Sub

An extension sub is assembled between the top sub and the bowl. It is used when the upper portion of the fish is damaged or cannot be engaged. This accessory will permit the overshot to be lowered far enough over the fish to ensure secure engagement and pack off. They are available in lengths from 24 to 60 inches. When ordering, specify overshot O.D. Unless otherwise specified. Extension Subs will be furnished in a standard 36-inch length.

### Wall Hook Guide

If the fish is positioned in a washed-out section of the hole, it may be difficult to engage the top of the fish using a conventional overshot guide. A wall hook guide can be used to capture the neck of the fish, centralize it, and then properly guide the fish into the bowl.



Wall Hook Guide



Oversize Guide

### Oversize Guide

Oversize Guide properly guides the fish into the overshot when the hole size is considerably larger than the diameter of the fish and the overshot may pass alongside the fish without engaging it. Installation of an oversized guide instead of a standard guide will ensure the alignment of the fish with the overshot.



+971 52 864 9998



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[info@aeismsupplies.com](mailto:info@aeismsupplies.com)



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### Mill Extension

Overshot Mill Extension interiors are faced with Incoloy to a size that will mill away a flared or jagged fish to enable it to pass up into and be engaged by the Grapple in the Bowl. Mill Extensions are installed between the Bowl and the standard, oversize, or wall hook guides.

### Mill Guide

Overshot Mill Guides are designed to remove badly flared or jagged metal from the top of the fish. Mill Guides are used in place of the Standard or Oversized Guide to trim the fish so it can enter the overshot.



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