

## SERIES 10 SUCKER ROD OVERSHOTS

### Overview

The Logan Series 10 Sucker Rod Overshot is a small, rugged tool designed for engaging and retrieving sucker rods, couplings, and other items from inside tubing strings.

The Series 10 Sucker Rod Overshot consists of a Top Sub, Bowl, Grapple, and a Guide. Depending on the diameter of the fish, either a Spiral or Basket Grapple will be used. Fish diameters near the maximum catch limits require the use of a Spiral Grapple and a Control

Guide. Fish diameters that are substantially below the maximum catch limits of the Overshot require a Basket Grapple, a Basket Grapple Control, and a Plain Guide.

### Engaging a Fish

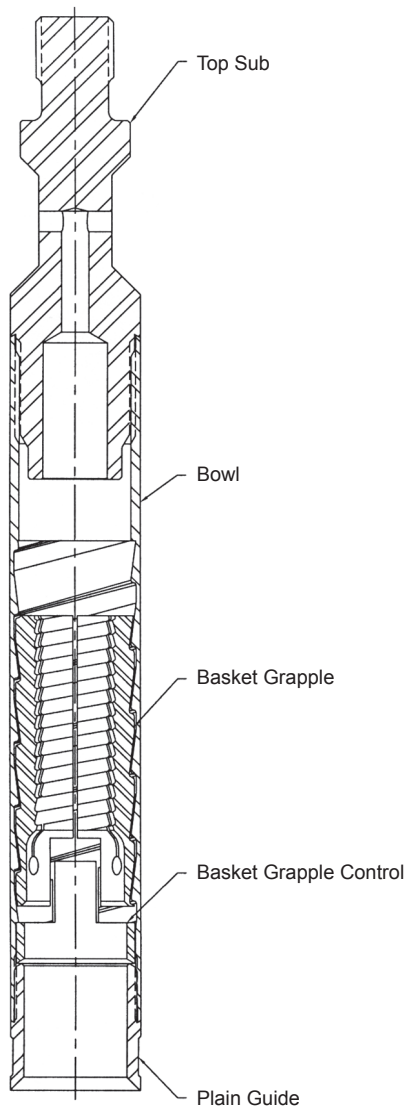
Dress the Overshot with the proper type and size of Grapple. Attach the Overshot to the bottom end of the fishing string and run it into the hole. As the Overshot nears the top of the fish, slowly rotate to the right as the overshot is lowered over the fish. After the fish is engaged, allow right-hand torque to release from the fishing string. Then raise the fish by pulling upward on the fishing string.

### Releasing a Fish

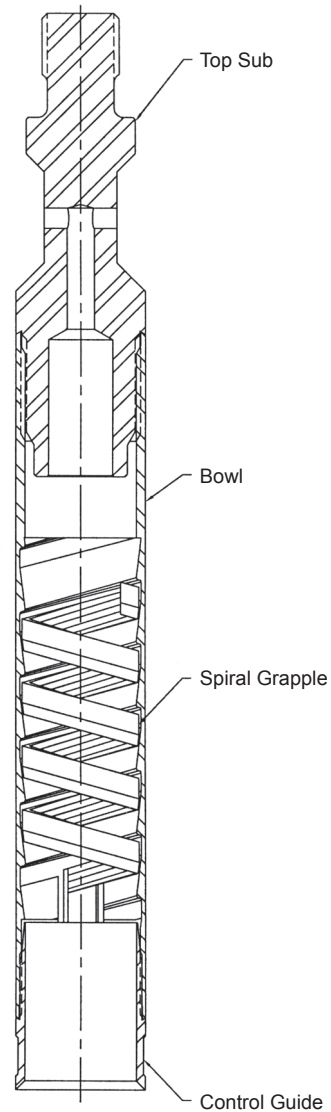
Bump down or drop the weight of the fishing string against the Overshot to break the hold of the grapple within the Bowl. Elevate the fishing string while slowly rotating it to the right until the Overshot has cleared the fish.

### When ordering, please specify:

- (1) Complete assembly or part number
- (2) Top Sub connection
- (3) Size and type of fish to be caught
- (4) O.D., if other than standard



Basket Grapple Assembly



Spiral Grapple Assembly

# LOGAN GENERAL CATALOG

OIL TOOLS

## SERIES 10 SUCKER ROD OVERSHOTS

<b>MAXIMUM CATCH SIZE (Spiral)</b>		1-1/16	1-1/4	1-3/8	1-1/2	1-1/2	1-5/8	1-5/8
<b>MAXIMUM CATCH SIZE (Basket)</b>		7/8	1-1/16	1-3/16	1-5/16	1-5/16	1-7/16	1-7/16
<b>OVERSHOT O.D.</b>		1-9/16	1.43	1-21/32	1-25/32	1-29/32	1-29/32	2-5/16
<b>TYPE</b>		FS	SH	SH	SH	SH	SH	FS
<b>STANDARD TOP CONNECTION</b>		3/4 Rod	3/4 Rod	3/4 Rod	3/4 Rod	3/4 Rod	3/4 Rod	7/8 Rod
<b>COMPLETE ASSEMBLY</b>	<b>Logan Part No.</b>	<b>110-156-A</b>	<b>110-143-D</b>	<b>110-166-D</b>	<b>110-178-D</b>	<b>110-190-D</b>	<b>110-191-D</b>	<b>110-231-A</b>
	<b>Bowen No.</b>	9790	17985	16490	13940	9990	9340	9880

## SPIRAL COMPONENT PARTS

<b>TOP SUB</b>	<b>Logan Part No.</b>	<b>B1000</b>	<b>B1001</b>	<b>B10015</b>	<b>B1002</b>	<b>B1004</b>	<b>B1004</b>	<b>B1004</b>
	<b>Bowen No.</b>	9791	17986	16491	13941	9341	9341	9341
<b>BOWL</b>	<b>Logan Part No.</b>	<b>B2000</b>	<b>B2001</b>	<b>B20015</b>	<b>B2002</b>	<b>B2003</b>	<b>B2004</b>	<b>B2005</b>
	<b>Bowen No.</b>	9792	17987	16492	13942	9991	9342	9881
<b>SPIRAL GRAPPLE</b>	<b>Logan Part No.</b>	<b>B3000</b>	<b>B3001</b>	<b>B30015</b>	<b>B3002</b>	<b>B3003</b>	<b>B3004</b>	<b>B3004</b>
	<b>Bowen No.</b>	9793	17988	16493	13943	9992	9343	9343
<b>CONTROL GUIDE</b>	<b>Logan Part No.</b>	<b>B4000</b>	<b>B4001</b>	<b>B40015</b>	<b>B4002</b>	<b>B4003</b>	<b>B4004</b>	<b>B4005</b>
	<b>Bowen No.</b>	9796	17989	16496	13945	9993	9349	9883
<b>SPIRAL GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	...	...	...	...	...	...	...
	<b>Bowen No.</b>	...	...	...	...	...	...	...
<b>GUIDE (CUT-LIPPED)</b>	<b>Logan Part No.</b>	...	...	<b>B80015</b>	...	<b>B4003</b>	...	...
	<b>Bowen No.</b>	...	...	16496	...	9993	...	...

## BASKET COMPONENT PARTS

<b>BASKET GRAPPLE</b>	<b>Logan Part No.</b>	<b>B5000</b>	<b>B5001</b>	<b>B50015</b>	<b>B5002</b>	<b>B5003</b>	<b>B5004</b>	<b>B5004</b>
	<b>Bowen No.</b>	9793	17988	16493	13943	9992	9343	9343
<b>BASKET GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	<b>B6000</b>	<b>B6001</b>	<b>B60015</b>	<b>B6002</b>	<b>B6003</b>	<b>B6004</b>	<b>B6005</b>
	<b>Bowen No.</b>	9794	18003	16494	13947	9993	9344	153338
<b>PLAIN GUIDE</b>	<b>Logan Part No.</b>	<b>B7000</b>	<b>B7001</b>	<b>B70015</b>	<b>B7002</b>	<b>B7003</b>	<b>B7004</b>	<b>B7005</b>
	<b>Bowen No.</b>	9795	18004	16498	13944	9994	9345	9882

Logan Oil Tools reserves the right to change or discontinue designs without notice.

Note: Grapples are available in 1/16" intervals.

### When ordering, please specify:

- (1) Complete assembly or part number
- (2) Top Sub connection
- (3) Size and type of fish to be caught
- (4) O.D., if other than standard

### Logan Coding

- A = FS Full Strength – For all pulling torsional and jarring strain  
 B = XFS Extra Full Strength – For extreme abuse  
 C = SFS Semi Full Strength – Maximum strength for special hole conditions  
 D = SH Slim Hole – For heavy pulling strains only  
 E = XSH Extra Slim Hole – For pick up jobs only

### Recommended Spare Parts:

- (1) Spiral: 2 Grapples, 1 Control
- (2) Basket: 2 Grapples, 1 Control

# LOGAN GENERAL CATALOG

OIL TOOLS

## SERIES 10 SUCKER ROD OVERSHOTS

<b>MAXIMUM CATCH SIZE (Spiral)</b>		1-9/16	1-3/4	1-3/4	1-13/16	1-13/16	1-15/16	2
<b>MAXIMUM CATCH SIZE (Basket)</b>		1-3/8	1-9/16	1-7/16	1-5/8	1-5/8	1-3/4	1-13/16
<b>OVERSHOT O.D.</b>		1-27/32	2-1/16	2-1/16	2-1/8	2-5/16	2-1/4	2-5/16
<b>TYPE</b>		SH	SH	SH	SH	SFS	SH	SH
<b>STANDARD TOP CONNECTION</b>		5/8 Rod	5/8 Rod	7/8 Rod	7/8 Rod	7/8 Rod	7/8 Rod	7/8 Rod
<b>COMPLETE ASSEMBLY</b>	<b>Logan Part No.</b>	<b>110-184-D</b>	<b>110-206-D</b>	<b>110-207-D</b>	<b>110-213-D</b>	<b>110-231-C</b>	<b>110-225-D</b>	<b>110-231-D</b>
	<b>Bowen No.</b>	36423	54178 *	156309	27765	11480	16070	9400

## SPIRAL COMPONENT PARTS

<b>TOP SUB</b>	<b>Logan Part No.</b>	<b>B10051</b>	<b>B10053</b>	<b>B10054</b>	<b>B10052</b>	<b>B1006</b>	<b>B1007</b>	<b>B1008</b>
	<b>Bowen No.</b>	36424	54179 *	156310	27766	11481	16071	9401
<b>BOWL</b>	<b>Logan Part No.</b>	<b>B20051</b>	<b>B20053</b>	<b>B20054</b>	<b>B20052</b>	<b>B2006</b>	<b>B2007</b>	<b>B2008</b>
	<b>Bowen No.</b>	36425	54180 *	156311	27767	11482	16072	9402
<b>SPIRAL GRAPPLE</b>	<b>Logan Part No.</b>	<b>B30051</b>	<b>B30053</b>	<b>B30054</b>	<b>B30052</b>	<b>B3006</b>	<b>B3007</b>	<b>B3008</b>
	<b>Bowen No.</b>	36436	54181	156312	27768	11483	16073	9403
<b>CONTROL GUIDE</b>	<b>Logan Part No.</b>	<b>B40051</b>	<b>B40053</b>	<b>B40054</b>	<b>B40052</b>	<b>B4006</b>	<b>B4007</b>	<b>B4008</b>
	<b>Bowen No.</b>	36427	54184	156313	27764	11484	16076	9406
<b>SPIRAL GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	...	...	...	...	...	...	...
	<b>Bowen No.</b>	...	...	...	...	...	...	...
<b>GUIDE (CUT-LIPPED)</b>	<b>Logan Part No.</b>	...	...	...	...	...	...	...
	<b>Bowen No.</b>	...	...	...	...	...	...	...

## BASKET COMPONENT PARTS

<b>BASKET GRAPPLE</b>	<b>Logan Part No.</b>	<b>B50051</b>	<b>B50053</b>	<b>B50054</b>	<b>B50052</b>	<b>B5006</b>	<b>B5007</b>	<b>B5008</b>
	<b>Bowen No.</b>	36436	54181	156312	27768	11483	16073	9403
<b>BASKET GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	<b>B60051</b>	<b>B60053</b>	<b>B60053</b>	<b>B60052</b>	<b>B6006</b>	<b>B6007</b>	<b>B6008</b>
	<b>Bowen No.</b>	36437	54182	54182	27763	11485	16074	9405
<b>PLAIN GUIDE</b>	<b>Logan Part No.</b>	<b>B70051</b>	<b>B70053</b>	<b>B70054</b>	<b>B70052</b>	<b>B7006</b>	<b>B7007</b>	<b>B7008</b>
	<b>Bowen No.</b>	36426	54183	156333	27769	11486	16075	9404

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Note: Grapples are available in 1/16" intervals.

\* Left-hand threads.

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### Recommended Spare Parts:

- (1) Spiral: 2 Grapples, 1 Control
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### Logan Coding

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### SERIES 10 SUCKER ROD OVERSHOTS

<b>MAXIMUM CATCH SIZE (Spiral)</b>	2	2-3/8			
<b>MAXIMUM CATCH SIZE (Basket)</b>	1-13/16	2-3/16			
<b>OVERSHOT O.D.</b>	2-7/8	2-27/32			
<b>TYPE</b>	FS	SH			
<b>STANDARD TOP CONNECTION</b>	7/8 Rod	7/8 Rod			
<b>COMPLETE ASSEMBLY</b>	<b>Logan Part No.</b>	<b>110-287-A</b>	<b>110-284-D</b>		
	<b>Bowen No.</b>	9530	15860		

### SPIRAL COMPONENT PARTS

<b>TOP SUB</b>	<b>Logan Part No.</b>	<b>B1009</b>	<b>B1010</b>		
	<b>Bowen No.</b>	9531	15863		
<b>BOWL</b>	<b>Logan Part No.</b>	<b>B2009</b>	<b>B2010</b>		
	<b>Bowen No.</b>	9532	15861		
<b>SPIRAL GRAPPLE</b>	<b>Logan Part No.</b>	<b>B3008</b>	<b>B3010</b>		
	<b>Bowen No.</b>	9403	9872		
<b>CONTROL GUIDE</b>	<b>Logan Part No.</b>	<b>B4009</b>	...		
	<b>Bowen No.</b>	9535	...		
<b>SPIRAL GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	...	<b>B8000</b>		
	<b>Bowen No.</b>	...	9873		
<b>GUIDE (CUT-LIPPED)</b>	<b>Logan Part No.</b>	...	<b>B8001</b>		
	<b>Bowen No.</b>	...	15862		

### BASKET COMPONENT PARTS

<b>BASKET GRAPPLE</b>	<b>Logan Part No.</b>	<b>B5008</b>	<b>B5010</b>		
	<b>Bowen No.</b>	9403	9872		
<b>BASKET GRAPPLE CONTROL</b>	<b>Logan Part No.</b>	<b>B6008</b>	<b>B6010</b>		
	<b>Bowen No.</b>	9405	9873		
<b>PLAIN GUIDE</b>	<b>Logan Part No.</b>	<b>B7009</b>	<b>B7010</b>		
	<b>Bowen No.</b>	9533	15862		

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