

**SERIES 70
SHORT CATCH OVERSHOTS**

Overview

The Logan Series 70 Short Catch Overshot is designed for conditions when the fish is too short to be engaged with a standard overshot. The Grapple Control is positioned above the Basket Grapple rather than below it to allow the Basket Grapple to occupy the lowest position in the Bowl. This enables the overshot to firmly engage and retrieve a very short fish.

The Logan Series 70 Short Catch Overshot assembly consists of a Top Sub, Bowl, Basket Grapple Control, and a Basket Grapple. Although the Series 70 Overshot has no Guide, the components function in the same manner as the standard Logan Series 150 Releasing and Circulating Overshot.

Operation of the Logan Series 70 Short Catch Releasing Overshot is identical to the Series 150.

Catching the Fish:

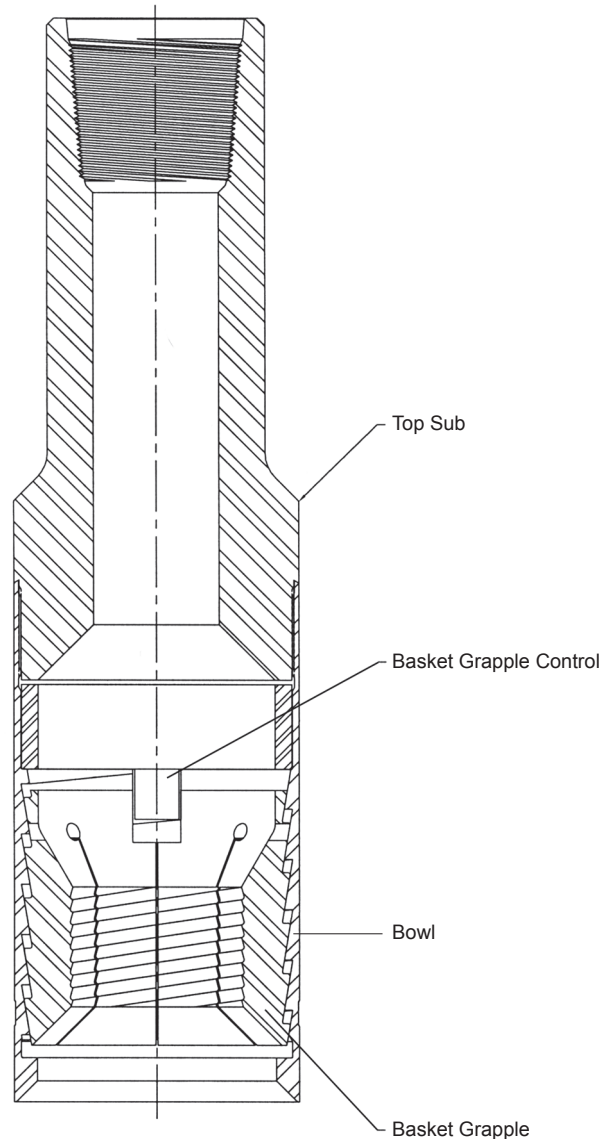
Attach the Overshot to the bottom end of the fishing string and run it into the hole. The Logan Series 70 Overshot assembly is rotated to the right and lowered as the fish enters the expandable grapple. With the fish in the Grapple, stop right-hand rotation and exert an upward pull to fully capture the fish.

Releasing the Fish:

A sharp downward force (bump) is applied to the Overshot to break the hold of the grapple within the bowl. The Overshot is then rotated to the right while it is slowly elevated to release the Grapple from 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



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MAXIMUM CATCH SIZE (Basket)		1-5/8	2-1/2	2-5/8	3-1/16	3-1/16	3-1/16	3-3/8
OVERSHOT O.D.		2-5/16	3-5/8	3-3/4	3-15/16	4-5/8	4-1/8	4-3/8
TYPE		SH	SH	SH	SH	FS	SH	SH
COMPLETE ASSEMBLY	Logan Part No.	170-231-D	170-363-D	170-375-D	170-394-D	170-463-A	170-413-D	170-438-D
	Bowen No.	38506	17615	13535	63892	11290	10434	C-11023
TOP SUB	Logan Part No.	C1000	C1001	C1002	C10025	C1003	C1004	C10045
	Bowen No.	38507	17616	13536	63893	11295	10435	A-11024
BOWL	Logan Part No.	C2000	C2001	C2002	C20025	C2003	C2004	C20045
	Bowen No.	38508	17617	13537	63894	11291	10436	B-11025
BASKET GRAPPLE	Logan Part No.	C3000	C3001	C3002	C30025	C3003	C3004	C30045
	Bowen No.	38509	17618	13538	63895	11292	10437	B-11026
BASKET GRAPPLE CONTROL	Logan Part No.	C4000	C4001	C4002	C40025	C4003	C4004	C40045
	Bowen No.	38510	17619	13539	63896	11294	10438	A-11027

MAXIMUM CATCH SIZE (Basket)		3-21/32	3-21/32	3-3/4	3-3/4	4-1/4	4-3/4	5-1/4
OVERSHOT O.D.		4-11/16	5-5/8	4-3/4	5-1/2	5-3/4	5-7/8	6-1/4
TYPE		SH	FS	SH	FS	FS	SH	SH
COMPLETE ASSEMBLY	Logan Part No.	170-468-D	170-563-A	170-475-D	170-550-A	170-575-A	170-587-D	170-625-D
	Bowen No.	10543	11297	12645	12785	13065	10560	14805
TOP SUB	Logan Part No.	C1005	C1006	C1005	C1008	C1009	C1010	C10105
	Bowen No.	10544	11298	10544	12786	13066	10561	14806
BOWL	Logan Part No.	C2005	C2006	C2007	C2008	C2009	C2010	C20105
	Bowen No.	10545	11299	12646	12787	13067	10562	14807
BASKET GRAPPLE	Logan Part No.	C3005	C3006	C3007	C3008	C3009	C3010	C30105
	Bowen No.	10546	11300	12647	12788	13068	10563	14808
BASKET GRAPPLE CONTROL	Logan Part No.	C4005	C4006	C4007	C4008	C4009	C4010	C40105
	Bowen No.	10547	11301	12648	12789	13069	10564	14809

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

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

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

When ordering, please specify:

- (1) Complete assembly or part number
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Recommended Spare Parts:

- (1) 2 Grapples, 1 Control

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OVERSHOT O.D.		6-5/8	7-5/8	7-7/8	8-1/4	8-1/2	9-1/4	9-3/4
TYPE		FS	FS	FS	FS	FS	FS	FS
COMPLETE ASSEMBLY	Logan Part No.	170-663-A	170-763-A	170-787-A	170-825-A	170-850-A	170-925-A	170-975-A
	Bowen No.	11303	11630	16975	38939	20050	25030	20060
TOP SUB	Logan Part No.	C1011	C1012	C1013	C1014	C1015	C1016	C1017
	Bowen No.	11304	11631	16976	38940	20051	25031	20061
BOWL	Logan Part No.	C2011	C2012	C2013	C2014	C2015	C2016	C2017
	Bowen No.	11305	11632	16977	38941	20052	25032	20062
BASKET GRAPPLE	Logan Part No.	C3011	C3012	C3013	C3014	C3015	C3016	C3017
	Bowen No.	11306	11633	16978	38942	20053	25033	20063
BASKET GRAPPLE CONTROL	Logan Part No.	C4011	C4012	C4013	C4014	C4015	C4016	C4017
	Bowen No.	11307	11634	16979	38943	20054	25034	20064

MAXIMUM CATCH SIZE (Basket)		8-1/4	9	13-1/2			
OVERSHOT O.D.		10	11-1/4	16			
TYPE		FS	FS	FS			
COMPLETE ASSEMBLY	Logan Part No.	170-1000-A	170-1125-A	170-1600-A			
	Bowen No.	...	33878	...			
TOP SUB	Logan Part No.	C10175	C1018	C1019			
	Bowen No.	...	33879	...			
BOWL	Logan Part No.	C20175	C2018	C2019			
	Bowen No.	...	33880	...			
BASKET GRAPPLE	Logan Part No.	C30175	C3018	C3019			
	Bowen No.	...	33881	...			
BASKET GRAPPLE CONTROL	Logan Part No.	C40175	C4018	C4019			
	Bowen No.	...	33882	...			

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