



Series 20 Sucker Rod Overshots

Overview

Logan Series 20 Short Catch Sucker Rod Overshots are designed for conditions when sucker rods, couplings, and other portions of a fish are too short for retrieval with a standard overshot.

The Logan Series 20 Short Catch Sucker Rod Overshot consists of a Top Sub, Bowl, Basket Grapple Control, and a Basket Grapple. The Grapple Control is located at the top end of the tool between the Top Sub and the Basket Grapple. The position of the Grapple Control above the Basket Grapple rather than below it allows the Basket Grapple to occupy the lowest position in the Bowl. This permits the exposed part of the fish to enter the Basket Grapple where it can be firmly and securely grasped.

Operation of the Logan Series 20 Short Catch Sucker Rod Overshot is the same as the Logan Series 10 Sucker Rod Overshot.

Catching a Fish

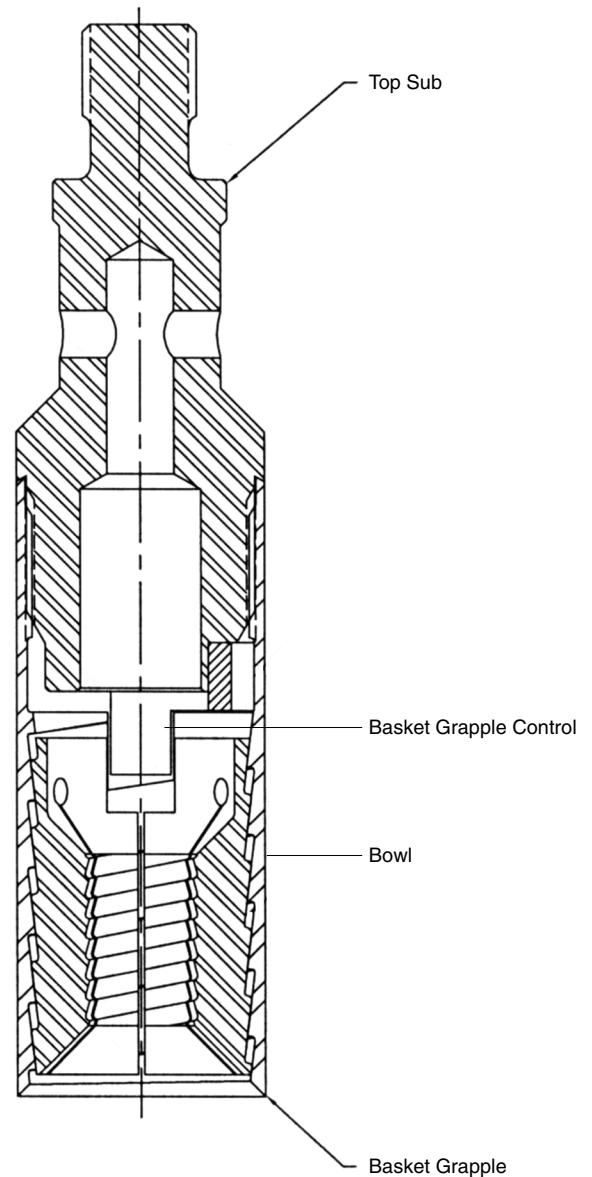
Dress the Overshot with the proper type and size of Grapple. Attach the Overshot to the bottom end of the fishing string and run it into the hole. Gradually lower the overshot over the fish. As the Overshot nears the top of the fish, slowly rotate it to the right to engage the fish. After the fish is 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





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MAXIMUM CATCH SIZE (Basket)		7/8	1	1-1/4	1-3/8	1-1/2	1-3/4	1-13/16
OVERSHOT O.D.		1-1/4	1-3/8	1-5/8	1-3/4	1-29/32	2-1/4	2-5/16
TYPE *		SH	SH	SH	SH	SH	SH	SH
STANDARD TOP CONNECTION		5/8 Rod	5/8 Rod	5/8 Rod	3/4 Rod	3/4 Rod	7/8 Rod	7/8 Rod
COMPLETE ASSEMBLY	Logan Part No.	120-125-D	120-138-D	120-163-D	120-175-D	120-191-D	120-225-D	120-231-D
	Bowen No.	17315	25780	28760	18355	11555	47464	17438

BASKET COMPONENT PARTS

TOP SUB	Logan Part No.	B1011	B1012	B1013	B1014	B1004	B1007	B1008
	Bowen No.	17316	25781	28761	18356	9341	16071	9401
BOWL	Logan Part No.	B2011	B2012	B2013	B2014	B2015	B20155	B2016
	Bowen No.	17317	25782	28762	18357	11556	47465	17439
BASKET GRAPPLE	Logan Part No.	B3011	B3012	B3013	B3014	B3015	B30155	B3016
	Bowen No.	17318	25783	28763	18358	11557	47466	17440
BASKET GRAPPLE CONTROL	Logan Part No.	B4011	B4012	B4013	B4014	B4015	B40155	B4016
	Bowen No.	17319	25784	28764	18359	11558	47467	17441
OVERSIZED GUIDES	Logan Part No.	...	...	...	...	...	...	B5016
	Bowen No.	...	...	...	...	...	...	22276
GUIDE PINS	Logan Part No.	...	...	...	...	...	...	B6016
	Bowen No.	...	...	...	...	...	...	14876

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

MAXIMUM CATCH SIZE (Basket)		2-1/8	2-1/8	2-3/8	2-1/2			
OVERSHOT O.D.		2-25/32	2-7/8	3-1/8	3-1/4			
TYPE		SH	FS	SH	FS			
STANDARD TOP CONNECTION		7/8 Rod	2-3/8 Tub	2-3/8 Tub	2-3/8 Tub			
COMPLETE ASSEMBLY	Logan Part No.	120-278-D	120-287-A	120-313-D	120-325-A			
	Bowen No.	18305	20170	20645	22270			

BASKET COMPONENT PARTS

TOP SUB	Logan Part No.	B1017	B1018	B1019	B1020			
	Bowen No.	18306	20172	20646	22271			
BOWL	Logan Part No.	B2017	B2018	B2019	B2020			
	Bowen No.	18307	20171	20647	22272			
BASKET GRAPPLE	Logan Part No.	B3017	B3017	B3019	B3020			
	Bowen No.	18308	18308	20648	22273			
BASKET GRAPPLE CONTROL	Logan Part No.	B4017	B4017	B4019	B4020			
	Bowen No.	18309	18309	20649	22274			
OVERSIZED GUIDES	Logan Part No.	...	B5018	...	B5020			
	Bowen No.	...	20173	...	22275			
GUIDE PINS	Logan Part No.	...	B6018	...	B6020			
	Bowen No.	...	20174	...	20651			

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

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

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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