

Overview

Logan Rotary Die Collars are the simplest external catch fishing tools designed for retrieving a fish from the hole. Logan Die Collars are available in two types: Type A and Type B. They are available in an assortment of sizes, lengths, and connections, and can be custom made to specification

Type A

Type A Rotary Die Collars are manufactured with an integral guide. The guide end of the die collar may be specified as flat, smooth or cut-lipped.

Type B

Type B Die Collars are manufactured with a threaded bottom end for attaching a standard cut-lipped guide or wallhook guide of your choice.

Construction

Wickers

All Logan Rotary Die Collars are manufactured with hardened wickers (cutting teeth) to ensure positive, reliable engagement of the fish.

Standard wickers are a non-fluted, plain water tight design to provide circulation below the stuck point. Fluted type wickers are available upon request. They are designed to provide circulation to flush out cuttings during fish engagement. All Logan Rotary Die Collars are designed with a circulation hole drilled through the center.

Right-hand wickers for right-hand rotation engagement are standard on Logan Rotary Die Collars. Left-hand wickers are available upon request. There is no extra charge for left-hand wickers.

Operation

The Logan Rotary Die Collar is attached to the fishing string and lowered to the fish.

Applying weight of less than one point while rotating will allow the wickers to engage the fish. The fish may be lifted from the hole after being securely engaged.

How to Order

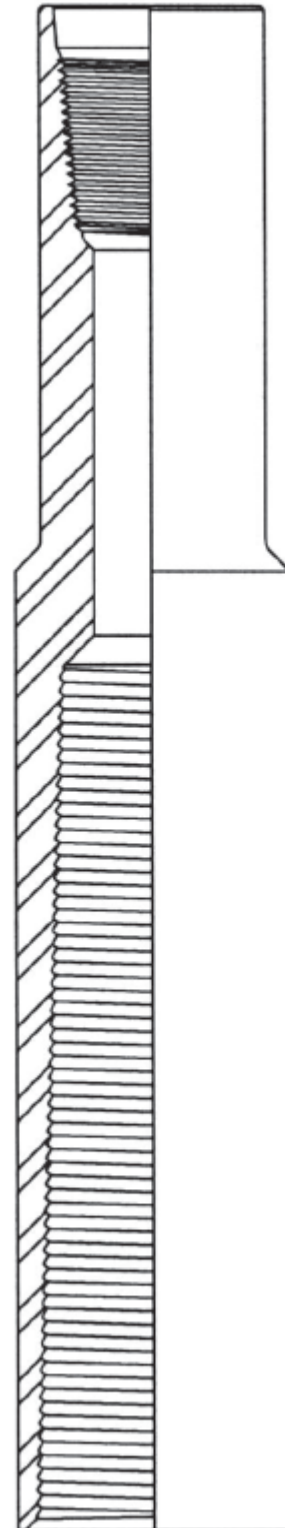
The internal diameter of the largest wicker should be at least 1/2 inch larger than the out-side diameter of the fish. The internal diameter of the smallest wicker should be at least 1/2 inch smaller than the outside diameter of the fish.

When ordering, please specify:

- Name and number of part
- Connections
- Type and size of guide if required
- OD if other than standard

An extra charge will be made for any change in ID, OD, length or catch range.

No extra charge for left-hand Die Collars.



Product Line
Fishing Tools – External Catch

Product
ROTARY DIE COLLARS

Complete Assembly							
Logan Part No.	102-166	102-181	102-191	102-231	102-344	102-368	102-419
Nominal Size	3/4	1	1	1-1/4	2-3/8	2-3/8	2-3/8
	Pipe	Pipe	Upset	Pipe	Pipe	Upset	API Reg
To Catch	1.050	1.315	1.469	1.660	2-3/8	2-21/32	3-1/8
Total Length	8	17	15	12	24	24	24
OD	1.660	1-13/16	1-29/32	2-5/16	3-7/16	3-11/16	4-3/16
Diameter of Largest Wicker	1-3/16	1-1/2	1-5/8	1-7/8	2-9/16	2-13/16	3-5/16
Diameter of Smallest Wicker	7/8	1	1-1/8	1-3/8	1-3/4	2	2-1/2

Complete Assembly							
Logan Part No.	102-444	102-400	102-438	102-488	102-525	102-475	102-506
Nominal Size	2-3/8	2-7/8	2-7/8	2-7/8	2-7/8	3-1/2	3-1/2
	API IF	Pipe	Upset	API Reg	API IF	Pipe	Upset
To Catch	3-3/8	2-7/8	3-7/32	3-3/4	4-1/8	3-1/2	3-13/16
Total Length	24	24	24	24	24	32	32
OD	4-7/16	4	4-3/8	4-7/8	5-1/4	4-3/4	5-1/16
Diameter of Largest Wicker	3-9/16	3-1/16	3-7/16	3-15/16	4-5/16	3-3/4	4-1/16
Diameter of Smallest Wicker	2-3/4	2-1/4	2-5/8	3-1/8	3-1/2	2-5/8	2-15/16

Complete Assembly							
Logan Part No.	102-550	102-588	102-600	102-588	102-638	102-688	102-713
Nominal Size	3-1/2	3-1/2	3-1/2	4-1/2	4-1/2	4-1/2	4-1/2
	API Reg	API FH	API IF	Pipe	Upset	API Reg	API FH
To Catch	4-1/4	4-5/8	4-3/4	4-1/2	5	5-1/2	5-3/4
Total Length	32	32	32	36	36	36	36
OD	5-1/2	5-7/8	6	5-7/8	6-3/8	6-7/8	7-1/8
Diameter of Largest Wicker	4-1/2	4-7/8	5	4-3/4	5-1/4	5-3/4	6
Diameter of Smallest Wicker	3-3/8	3-3/4	3-7/8	3-3/8	3-7/8	4-3/8	4-5/8

Complete Assembly							
Logan Part No.	102-750	102-706	102-756	102-825	102-850	102-888	102-813
Nominal Size	4-1/2	5-9/16	5-9/16	5-9/16	5-9/16	5-9/16	6-5/8
	API IF	Pipe	Upset	API Reg	API FH	API IF	Pipe
To Catch	6-1/8	5-9/16	6-1/16	6-3/4	7	7-3/8	6-5/8
Total Length	36	42	42	42	42	42	42
OD	7-1/2	7-1/16	7-9/16	8-1/4	8-1/2	8-7/8	8-1/8
Diameter of Largest Wicker	6-3/8	5-13/16	6-5/16	7	7-1/4	7-5/8	6-7/8
Diameter of Smallest Wicker	5	3-15/16	4-7/16	5-1/8	5-3/8	5-3/4	5

Complete Assembly							
Logan Part No.	102-863	102-925	102-950	102-1000	102-1075	102-1363	
Nominal Size	6-5/8	6-5/8	6-5/8	6-5/8	6-5/8	6-5/8	
	Upset	API Reg	API FH	API IF	API Reg	API Reg	
To Catch	7-1/8	7-3/4	8	8-1/2	8-5/8	10-3/4	
Total Length	42	42	42	42	42	46	
OD	8-5/8	9-1/4	9-1/2	10	10-3/4	13-5/8	
Diameter of Largest Wicker	7-3/8	8	8-1/4	8-3/4	9-3/4	12	
Diameter of Smallest Wicker	5-1/2	6-1/8	6-3/8	6-7/8	7-7/8	10	

Logan Oil Tools (a Rubicon Product Brand) reserves the right to change or discontinue designs without prior notice.

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