

Coiled Tubing Releasable Overshot



RELEASE FROM STUCK FISH

UNIQUE GRAPPLE DESIGN

LARGE RANGE OF GRAPPLE SIZES

Description

The DTI Coiled Tubing Releasable Overshot is used for fishing downhole tools or parts of broken tools without a fish neck that have been lost in the well tubing. To tool includes a flow activated release mechanism to facilitate the release from a stuck fish.

The DTI Coiled Tubing Releasable Overshot includes uniquely designed hardened grapple slips arranged inside a tapered bowl. Once the grapple slips are engaged on the fish, upward jarring will make the teeth bite and hold fast.

Release is achieved by increasing CT flow/pressure to operate a piston which disengages the tapered bowl from the grapple slips.

A range of grapple sizes is available for each Releasable Overshot size which cover a range of fish sizes from 0.50" to 3.88".

To enable centralisation and guiding the fish into the grapple bell guide skirts are also available.

Features & Benefits

- Unique grapple design to increase strength and grip on fish.
- Large range of grapple sizes available.
- Grapple teeth hardened to bite effectively into Inconel fish.
- Slim clearance and long reach versions available.

Part Number	Size	Outside Diameter	Standard Grapple Size	Catch Range	Thread
COS200AA08	2.00"	1.850"	1.00"	0.50" – 1.56"	1.00 AMMT
COS250AA09	2.50"	2.250"	1.50"	0.50" – 1.75"	1.50 AMMT
COS300AA09	3.00"	2.625"	2.00"	0.50" – 2.31"	1.50 AMMT
COS350AA23	3.50"	3.250"	2.00"	0.50" – 2.31"	2.38 PAC
COS400AA23	4.00"	3.750"	2.50"	0.50" – 2.88"	2.38 PAC
COS500AA23	5.00"	4.500"	3.00"	0.50" – 3.88"	2.38 PAC

We offer optional equipment, alternative sizes, materials and thread connections. The overshots are supplied with standard slip sizes as listed above. If other slip sizes are required, please specify.

Slimline versions of some overshots are available.

Extended reach overshots are available.

Please contact us for more information.



External Grapple Slips Data

Overshot Size	2"	2 1/2"	3"	3 1/2"	4" Slimline	4"	5"
Maximum O.D.	1.850"	2.250"	2.625"	3.250"	3.515"	3.740"	4.500"
Catch Range	1/2" – 1 1/2"	1/2" – 1 3/4"	1/2" – 2" or 2 1/8"	1/2" – 2 1/4"	1/2" – 2 7/8"	1/2" – 2 7/8"	1/2" – 3 5/8"
Slips MID Size	Catch Range Part Number	Catch Range Part Number	Catch Range Part Number	Catch Range Part Number	Catch Range Part Number	Catch Range Part Number	Catch Range Part Number
1/2"	7/16" - 9/16" 20e-050	7/16" - 9/16" 25e-050	3/8" - 9/16" 30e-050	3/8" - 9/16" 35e-050	3/8" - 1/2" 40e-050-2	3/8" - 5/8" 40e-050	3/8" - 5/8" 50e-050
5/8"	9/16" - 11/16" 20e-062	9/16" - 11/16" 25e-062	9/16" - 3/4" 30e-062	9/16" - 3/4" 35e-062	1/2" - 5/8" 40e-062-2	1/2" - 3/4" 40e-062	1/2" - 3/4" 50e-062
3/4"	11/16" - 13/16" 20e-075	11/16" - 13/16" 25e-075	5/8" - 13/16" 30e-075	5/8" - 13/16" 35e-075	5/8" - 3/4" 40e-075-2	5/8" - 7/8" 40e-075	5/8" - 7/8" 50e-075
7/8"	13/16" - 15/16" 20e-087	13/16" - 15/16" 25e-087	3/4" - 15/16" 30e-087	3/4" - 15/16" 35e-087	3/4" - 7/8" 40e-087-2	3/4" - 1" 40e-087	3/4" - 1" 50e-087
1"	15/16" - 1 1/16" 20e-100	15/16" - 1 1/16" 25e-100	15/16" - 1 1/8" 30e-100	15/16" - 1 1/8" 35e-100	7/8" - 1" 40e-100-2	7/8" - 1 1/8" 40e-100	7/8" - 1 1/8" 50e-100
1 1/8"	1 1/16" - 1 3/16" 20e-112	1 1/16" - 1 3/16" 25e-112	1" - 1 3/16" 30e-112	1" - 1 3/16" 35e-112	1" - 1 1/8" 40e-112-2	1" - 1 1/4" 40e-112	1" - 1 1/4" 50e-112
1 1/4"	1 3/16" - 1 5/16" 20e-125	1 3/16" - 1 5/16" 25e-125	1 3/16" - 1 3/8" 30e-125	1 3/16" - 1 3/8" 35e-125	1 1/8" - 1 1/4" 40e-125-2	1 1/8" - 1 3/8" 40e-125	1 1/8" - 1 3/8" 50e-125
1 3/8"	1 5/16" - 1 7/16" 20e-138	1 5/16" - 1 7/16" 25e-138	1 5/16" - 1 1/2" 30e-138	1 5/16" - 1 1/2" 35e-138	1 1/4" - 1 3/8" 40e-138-2	1 1/4" - 1 1/2" 40e-138	1 1/4" - 1 1/2" 50e-138
1 7/16"				1 3/8" - 1 1/2" 35e-143			
1 1/2"	1 7/16" - 1 9/16" 20e-150	1 7/16" - 1 9/16" 25e-150	1 7/16" - 1 5/8" 30e-150	1 7/16" - 1 5/8" 35e-150	1 3/8" - 1 1/2" 40e-150-2	1 3/8" - 1 5/8" 40e-150	1 3/8" - 1 5/8" 50e-150
1 5/8"		1 9/16" - 1 11/16" 25e-162	1 1/2" - 1 11/16" 30e-162	1 1/2" - 1 11/16" 35e-162	1 1/2" - 1 5/8" 40e-162-2	1 1/2" - 1 3/4" 40e-162	1 1/2" - 1 3/4" 50e-162
1 3/4"		1 11/16" - 1 3/4" 25e-175	1 11/16" - 1 7/8" 30e-175	1 11/16" - 1 7/8" 35e-175	1 5/8" - 1 3/4" 40e-175-2	1 5/8" - 1 7/8" 40e-175	1 5/8" - 1 7/8" 50e-175
1 13/16"				1 3/4" - 1 15/16" 35e-181			
1 7/8"			1 13/16" - 2" 30e-187	1 13/16" - 2" 35e-187	1 3/4" - 1 7/8" 40e-187-2	1 3/4" - 2" 40e-187	1 3/4" - 2" 50e-187
2"			1 7/8" - 2 1/16" 30e-200	1 7/8" - 2 1/16" 35e-200	1 7/8" - 2" 40e-200-2	1 7/8" - 2 1/8" 40e-200	1 7/8" - 2 1/8" 50e-200
2 1/16"				1 15/16" - 2 1/8" 35e-206			
2 1/8"			2" - 2 3/16" 30e-212*	2" - 2 3/16" 35e-212	2" - 2 1/8" 40e-212-2	2" - 2 1/4" 40e-212	2" - 2 1/4" 50e-212
2 1/4"			2 1/8" - 2 5/16" 30e-225**	2 1/8" - 2 5/16" 35e-225	2 1/8" - 2 1/4" 40e-225-2	2 1/8" - 2 3/8" 40e-225	2 1/8" - 2 3/8" 50e-225
2 3/8"					2 1/4" - 2 3/8" 40e-238-2	2 1/4" - 2 1/2" 50e-238	2 1/4" - 2 1/2" 50e-238
2 1/2"					2 3/8" - 2 1/2" 40e-250-2	2 3/8" - 2 5/8" 40e-250	2 3/8" - 2 5/8" 50e-250
2 5/8"					2 1/2" - 2 5/8" 40e-262-2	2 1/2" - 2 3/4" 40e-262	2 1/2" - 2 3/4" 50e-262
2 3/4"					2 5/8" - 2 3/4" 40e-275-2	2 5/8" - 2 7/8" 40e-275	2 5/8" - 2 7/8" 50e-275
2 7/8"					2 3/4" - 2 7/8" 40e-287-2	2 3/4" - 2 7/8" 40e-287	2 3/4" - 2 7/8" 50e-287
3"							2 7/8" - 3" 50e-300
3 1/8"							3" - 3 1/8" 50e-312
3 1/4"							3 1/8" - 3 3/8" 50e-325
3 1/2"							3 3/8" - 3 5/8" 50e-350
3 5/8"							3 1/2" - 3 3/4" 50e-362
3 3/4"							3 5/8" - 3 7/8" 50e-375
3 7/8"							3 3/4" - 3 7/8" 50e-387

* Requires 2.720" Oversize Bowl (AE53744)

** Requires 2.800" Oversize Bowl (AE53963)