



SECTION IV: PULLING TOOLS

Rebco offers two Types of Pulling Tools for Internal Fishing Neck:
'ROTGS' with 'ROGSL'

Both Pulling Tool types are designed to run and retrieve Sub-Surface equipment with internal fishing neck. The tools can be released by jarring down.

Type 'ROTGS' Pulling Tool Assembly: 1.25" – 7.00"

Rebco Types 'ROTGS' Pulling Tool is designed to run and retrieve Sub-Surface equipment with internal fishing neck. The tool can be released by jarring down.

NOTE: Some Nominal Sizes have smaller OD for "Slim-Line" applications.

TECHNICAL DATA

NOMINAL SIZE	1 1/4"	1 1/2"	2"	2"
ASSEMBLY NUMBER	40051412500	40051415000	40051417800	40051418700

ENGINEERING DATA:

MAXIMUM OD	1.16"	1.47"	1.75"	1.81"
PIN THREAD CONNECTION	5/8" - 11	15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD	1.000"	1.187"	1.375"	1.375"
BOTTOM THREAD (PRONG)	3/8" - 16	1/2" - 13	1/2" - 13	1/2" - 13
WILL ENGAGE FISHING NECK ID	.88"	1.06"	1.38"	1.38"
REACH	1.08"	1.62"	1.62"	1.62"
LENGTH	7.95"	11.75"	12.6"	12.6"
MATERIAL	Alloy	Alloy	Alloy	Alloy

ACCESSORIES

PINNING TOOL ASS'Y	167115	167116	167118	167118
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Type 'ROTGS' Pulling Tool Assembly:

TECHNICAL DATA

NOMINAL SIZE	2 1/2"	2 1/2"	3"	3 1/2"	4"
ASSEMBLY NUMBER	40051421800	40051423100	40051427500	40051431202	40051436804

ENGINEERING DATA:

MAXIMUM OD	2.16"	2.25"	2.72"	3.12"	3.62"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.750"	1.750"	2.313"	2.313"	2.313"
BOTTOM THREAD (PRONG)	5/8" - 11	5/8" - 11	5/8" - 11	1 3/8" - 12	2 1/8" - 12
WILL ENGAGE FISHING NECK ID	1.81"	1.81"	2.31"	2.62"	3.12"
REACH	1.62"	1.62"	1.62"	1.62"	1.62"
LENGTH	12.85"	12.85"	13.04"	13.25"	13.25"
MATERIAL	Alloy	Alloy	Alloy	Alloy	Alloy

ACCESSORIES

PINNING TOOL ASS'Y	167112	167112	167113	167113	167113
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TECHNICAL DATA

NOMINAL SIZE	5"
ASSEMBLY NUMBER	40051445600

ENGINEERING DATA:

MAXIMUM OD	4.50"
PIN THREAD CONNECTION	1 1/16" - 10
FISHING NECK OD	3.125"
BOTTOM THREAD (PRONG)	2 1/2" - 10
WILL ENGAGE FISHING NECK ID	4.00"
REACH	1.62"
LENGTH	18.1"
MATERIAL	Alloy

ACCESSORIES

PINNING TOOL ASS'Y	167110
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Type '**ROTGS**' Pulling Tool Assembly:

TECHNICAL DATA

NOMINAL SIZE	6"	7"	7"
ASSEMBLY NUMBER	40051456200	40051458700	40051459600

ENGINEERING DATA:

MAXIMUM OD	5.56"	5.83"	5.88"
PIN THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	3.125"	3.125"	3.125"
BOTTOM THREAD (PRONG)	2 3/4" - 10	3 5/8" - 10	3 5/8" - 10
WILL ENGAGE FISHING NECK ID	4.75"	5.38"	5.38"
REACH	1.78"	1.86"	1.86"
LENGTH	20.7"	21.25"	21.25"
MATERIAL	Alloy	Alloy	Alloy



Select Type '**ROTGS**' Pulling Tool to retrieve Sub-Surface devices that have internal type of Fishing Neck

QUICK REFERENCE CHART

NOM. SIZE	1 1/4"	1 1/2"	2"		2 1/2"		3"	3 1/2"	4" - 4 1/2"	5" - 5 1/2"
ASS'Y NO.	40051412500	40051415000	40051417800	40051418700	40051421800	40051423100	40051427500	40051431202	40051436804	40051445600
Ref: FN ID	.88"	1.06"	1.38"		1.81"		2.31"	2.62"	3.12"	4.00"
TO PULL LOCK GUIDE (Seal Bore)	1.250"	1.500"	1.781"	1.875"	2.188"	2.313"	2.750"	3.125"	3.688"	4.562"
	1.375"	1.625"		1.905"		2.380"	2.813"	3.250"	3.813"	4.688"
		1.710"		2.000"		2.500"	2.875"	3.313"	3.875"	4.750"
				2.125"		2.562"	3.000"	3.437"	4.000"	4.813"
									4.125"	5.250"
									4.313"	

Fig 2 - Comparative of 'ROTR_' and 'ROTS_' Pulling Tools

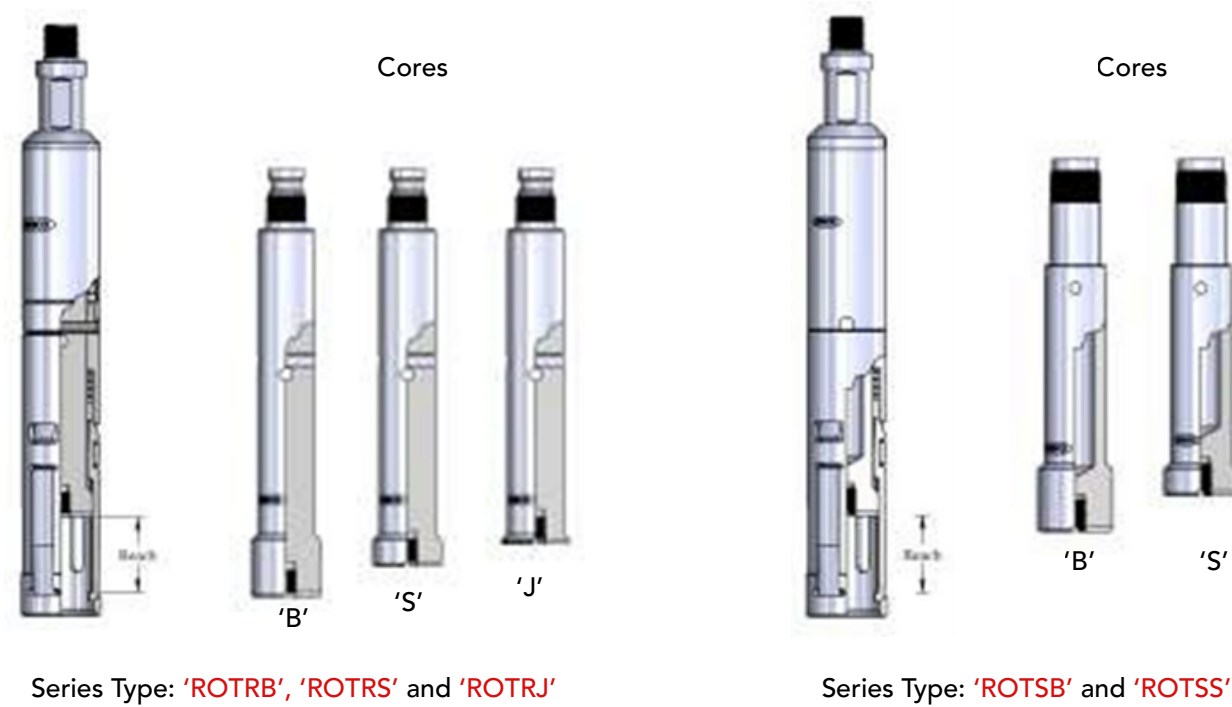


Chart: Pulling Tool Selection Guide

FISHING NECK TYPE TO ENGAGE	PULLING TOOL TYPE: SERIES			JAR TO RELEASE
	SHEAR UP	SHEAR DOWN	SPECIAL	
EXTERNAL	'ROTR_'		'RQ'	UP
	'ROTJU_'			
	'ROTB_'			
		'ROTS_'	'SQ'	DOWN
		'ROTJD_'		
		'RH'		
			'ROTSSJ'	DOWN w/Adapter
INTERNAL			'RMF'	MODE: Up/Down
	'ROTGR'			UP w/Adapter
	'ROTGRL'			
		'ROTGS'		DOWN
		'ROTGSL'		