



SECTION IV: PULLING TOOLS

Type 'ROTSB' Pulling Tool (Short Reach) Assembly: 1" – 4.00"

Rebco Types 'ROTSB' Pulling Tool is designed to run and retrieve sub surface equipment with External fishing neck. The tool can be released by jarring down.

TECHNICAL DATA

NOMINAL SIZE	1"	1 1/4"	1 1/2"	1 1/2"
ASSEMBLY NUMBER	4014011000	4014011250	4014011500	4014011501

ENGINEERING DATA:

MAXIMUM OD	0.927	1.25"	1.43"	1.43"
PIN THREAD CONNECTION	5/8" - 11	5/8" - 11	15/16" - 10	15/16" - 10
FISHING NECK OD	.687"	1.000"	1.187"	1.187"
BOTTOM THREAD (PRONG)	1/4" - 20	3/8" - 16	3/8" - 16	3/8" - 16
WILL ENGAGE FISHING NECK OD	.687"	1.000"	1.187"	1.187"
REACH	1.00"	1.22"	.69"	1.3"
LENGTH	10.3"	14.5"	11.88"	11.88"
MATERIAL	Alloy	Alloy	Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711002	16711003	16711003
	RELEASING TOOL	1670011	167004	167004
	CORE WRENCH	167026	167026	167023
	CORE NUT WRENCH	167013	167013	167012





SECTION IV: PULLING TOOLS

Type 'ROTSB' Pulling Tool (Short Reach) Assembly:

TECHNICAL DATA					
NOMINAL SIZE		2"	2 1/2"	3"	3"
ASSEMBLY NUMBER		4014012000	4014012500	4014013001	4014013000
ENGINEERING DATA:					
MAXIMUM OD		1.77"	2.18"	2.73"	2.84"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.375"	1.375"	2.313"	2.313"
BOTTOM THREAD (PRONG)		1/2" - 13	1/2" - 13	5/8" - 11	5/8" - 11
WILL ENGAGE FISHING NECK OD		1.375"	1.750"	2.313"	2.313"
REACH		1.28"	1.28"	1.5"	1.38"
LENGTH		15.89"	16.36"	17.5"	17.5"
MATERIAL		Alloy	Alloy	Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711004	16711004	16711005	16711005
	RELEASING TOOL	167003	167006	167007	167007
	CORE WRENCH	167024	167024	167025	167025
	CORE NUT WRENCH	167011	167011	167011	167011



TECHNICAL DATA			
NOMINAL SIZE		3 1/2"	4"
ASSEMBLY NUMBER		4014013500	4014014000
ENGINEERING DATA:			
MAXIMUM OD		3.115"	3.670"
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"
BOTTOM THREAD (PRONG)		5/8" - 11	1 1/4" - 12
WILL ENGAGE FISHING NECK OD		2.750"	3.125"
REACH		1.75"	1.50"
LENGTH		18.0"	18.0"
MATERIAL		Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711003	16711006
	RELEASING TOOL	167008	167009
	CORE WRENCH	167023	167026
	CORE NUT WRENCH	167011	167011



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

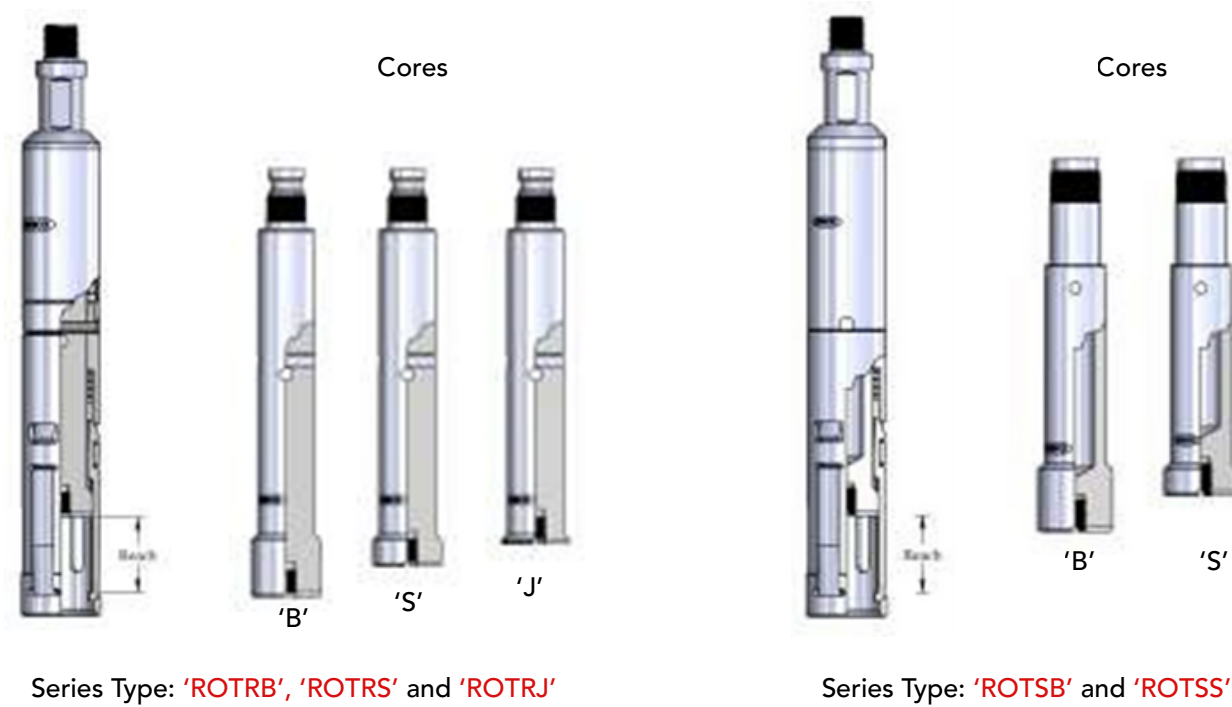


Chart: Pulling Tool Selection Guide

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'		