



SECTION IV: PULLING TOOLS

Type 'ROTSS' Pulling Tool (Medium Reach) Assembly: 1" – 4.00"

Rebco Types 'ROTSS' 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 1/2"	2"	2 1/2"	3"
ASSEMBLY NUMBER	4014141500	4014142000	4014142500	4014143001

ENGINEERING DATA:

MAXIMUM OD		1.43"	1.77"	2.18"	2.73"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	15/16" - 10	1 1/16" - 10
FISHING NECK OD		1.187"	1.375"	1.375"	2.313"
BOTTOM THREAD (PRONG)		3/8" - 16	1/2" - 13	1/2" - 13	5/8" - 11
WILL ENGAGE FISHING NECK OD		1.187"	1.375"	1.750"	2.313"
REACH		1.78"	2.03"	1.75"	1.50"
LENGTH		13.1"	15.89"	16.36"	17.5"
MATERIAL		Alloy	Alloy	Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711003	16711004	16711004	16711005
	RELEASING TOOL	167004	167003	167006	167007
	CORE WRENCH	167023	167024	167024	167025
	CORE NUT WRENCH	167012	167011	167011	167011





SECTION IV: PULLING TOOLS

Type 'ROTSS' Pulling Tool (Medium Reach) Assembly:

TECHNICAL DATA

NOMINAL SIZE	3"	3 1/2"	4"
ASSEMBLY NUMBER	4014143000	4014143500	4014144000

ENGINEERING DATA:

MAXIMUM OD		2.84"	3.115"	3.670"
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"	2.313"
BOTTOM THREAD (PRONG)		5/8" - 11	5/8" - 11	1 1/4" - 12
WILL ENGAGE FISHING NECK OD		2.313"	2.750"	3.125"
REACH		1.50"	1.75"	1.50"
LENGTH		17.5"	18.0"	18.0"
MATERIAL		Alloy	Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711005	16711003	16711006
	RELEASING TOOL	167007	167008	167009
	CORE WRENCH	167025	167023	167026
	CORE NUT WRENCH	167011	167011	167011



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

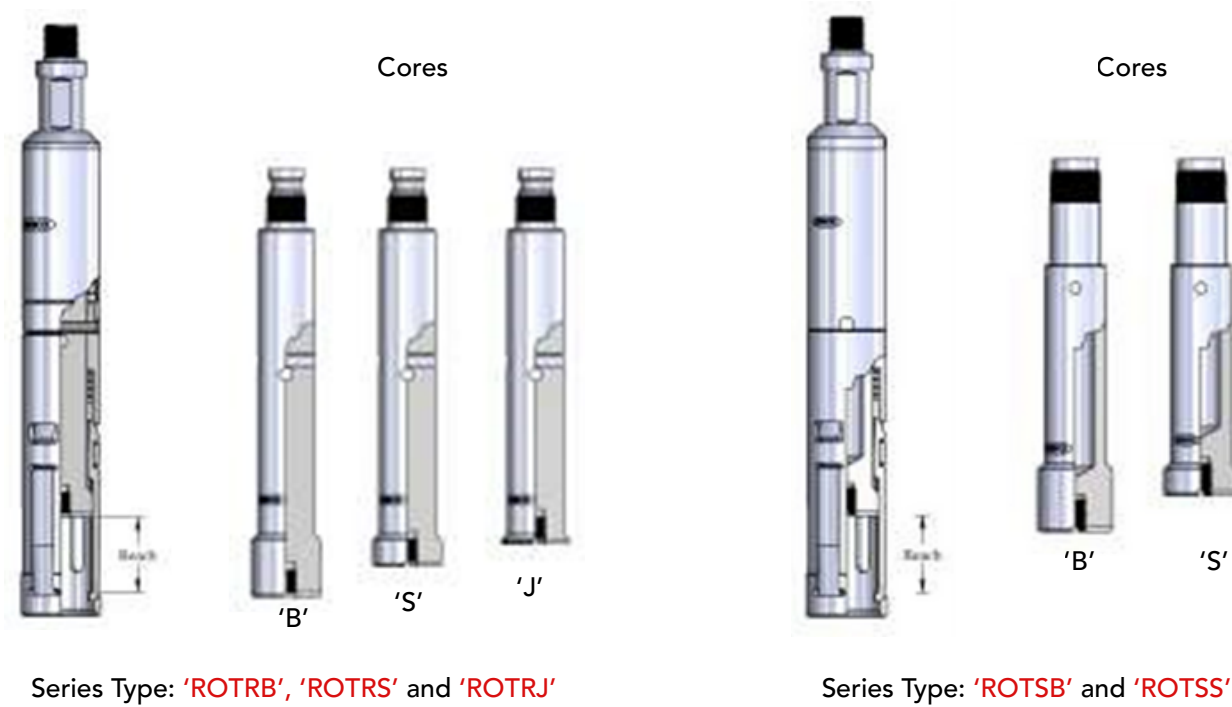


Chart: Pulling Tool Selection Guide

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'		