



SECTION IV: PULLING TOOLS

Rebco offers two Types of designs for the Shear up Pulling Tools: 'ROTJU' with 'ROTR'

Both Pulling Tool types are designed to run and retrieve sub-surface equipment with external fishing neck. The tools can be released by jarring up.

Type 'ROTJUC' Pulling Tool (Short Reach) Assembly: 1 1/4" – 4.00"

TECHNICAL DATA			
NOMINAL SIZE		1 1/4"	1 3/8"
ASSEMBLY NUMBER		400716021250	400716021370
ENGINEERING DATA:			
MAXIMUM OD		1.29"	1.38"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10
FISHING NECK OD		1.187"	1.187"
BOTTOM THREAD (PRONG)		1/4" - 20	1/4" - 20
WILL ENGAGE FISHING NECK OD		.875"	1.000"
REACH		1.93"	1.83"
LENGTH		13.9"	14.0"
MATERIAL		Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711002	16711002
	CORE WRENCH	167022	167022





SECTION IV: PULLING TOOLS

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

TECHNICAL DATA

NOMINAL SIZE	1 1/2"	1 5/8"	2"	2 1/2"
ASSEMBLY NUMBER	400716021500	400716021620	400716022000	400716022500

ENGINEERING DATA:

MAXIMUM OD	1.42"	1.62"	1.86"	2.25"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD	1.187"	1.187"	1.375"	1.375"
BOTTOM THREAD (PRONG)	1/2" - 13	1/2" - 13	1/2" - 13	1/2" - 13
WILL ENGAGE FISHING NECK OD	1.187"	1.187"	1.375"	1.750"
REACH	1.09"	1.09"	1.61"	1.26"
LENGTH	14.06"	14.06"	15.4"	15.8"
MATERIAL	Alloy	Alloy	Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711004	16711004	16711004
	CORE WRENCH	167024	167024	167024



TECHNICAL DATA

NOMINAL SIZE	3"	4"
ASSEMBLY NUMBER	400716023000	400716024000

ENGINEERING DATA:

MAXIMUM OD		2.81"	3.75"
PIN THREAD CONNECTION		15/16" - 10	1 1/16" - 10
FISHING NECK OD		1.750"	2.313"
BOTTOM THREAD (PRONG)		5/8" - 11	1 1/4" - 12
WILL ENGAGE FISHING NECK OD		2.313"	3.125"
REACH		1.53"	2.312"
LENGTH		15.94"	20.06"
MATERIAL		Alloy	Alloy
ACCESSORIES	PINNING TOOL ASS'Y	16711005	16711006
	CORE WRENCH	167025	167026



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

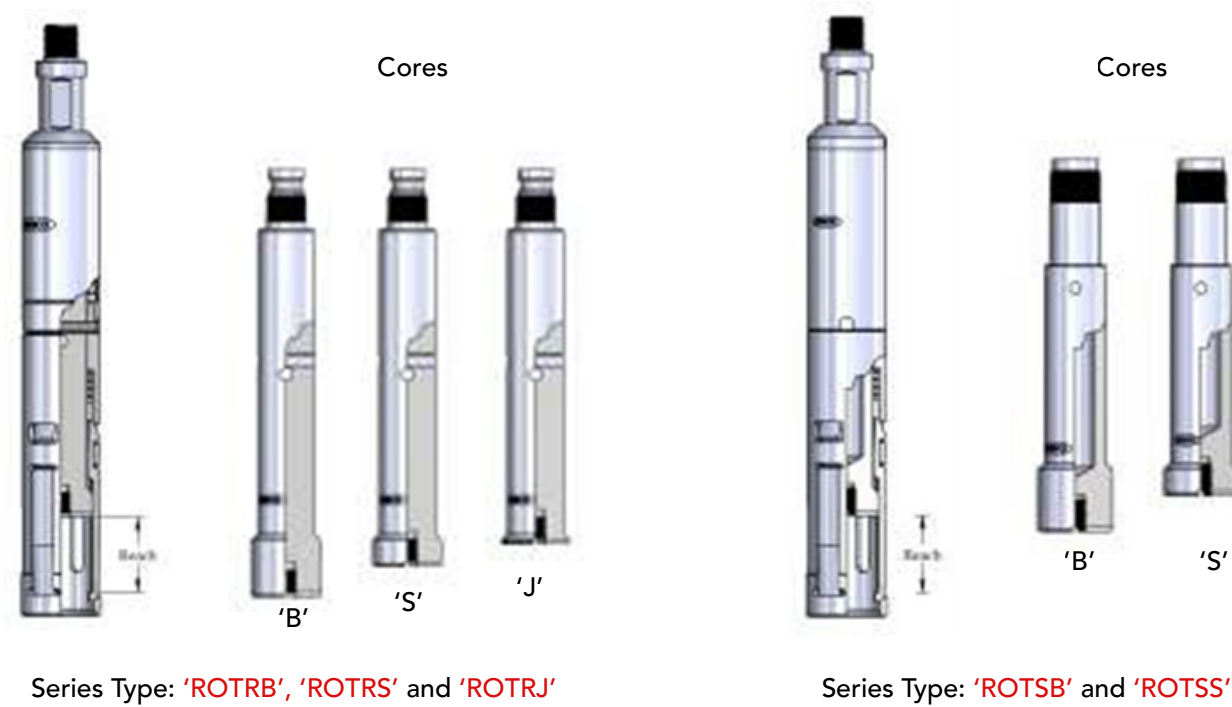


Chart: Pulling Tool Selection Guide

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'		