



SECTION IV: PULLING TOOLS

Type 'ROTGSL' Pulling Tool Assembly: 2.00" – 4.00"

Rebco Types 'ROTGSL' Pulling Tool is designed to retrieve Type 'ROTD' Collar Lock Mandrel, see [PRODUCT CODE 10](#). The tool can be released by jarring down.

NOTE: Type 'ROTGSL' Pulling Tool has extended Core (longer reach), and it should be used only to retrieve Type 'ROTD' Collar Lock Mandrel.

TECHNICAL DATA

NOMINAL SIZE	2"	2 1/2"	3"	4"
ASSEMBLY NUMBER	4005140817800	4005140821800	4005140827500	4005140836804

ENGINEERING DATA:

MAXIMUM OD	1.81"	2.16"	2.72"	3.62"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.375"	1.750"	2.313"	2.313"
BOTTOM THREAD (PRONG)	1/2" - 13	5/8" - 11	5/8" - 11	2 1/8" - 12
WILL ENGAGE FISHING NECK ID	1.38"	1.81"	2.31"	3.12"
REACH	3.50"	3.50"	3.62"	3.02"
LENGTH	14.5"	14.75"	15.04"	14.15"
MATERIAL	Alloy	Alloy	Alloy	Alloy

ACCESSORIES

PINNING TOOL ASS'Y	167118	167112	167113	167113
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Retrieving Sub-Surface devices with Internal Fishing Necks; there are many occasions where a need for Shear Up to release Pulling Tool is an advantage. Type 'ROTGU' Shear-Up Adapter used with Type 'ROTGS' and Type 'ROTGSL' Pulling Tools converts the combined Tools to Type 'ROTGR'/'ROTGRL' Pulling Tool Assembly respectively.

Type 'ROTGR' Pulling Tool ('ROTGS' / 'ROTGU') can be released by upward jarring action.

NOTE: When the Type 'ROTGR' tool is used, only the Shear Pin in the Shear-Up Adapter can be used. The Shear Pin must be removed from the 'ROTGS' portion of the Tool. This Shear Pin (in the Type 'ROTGS' Tool) cannot be sheared when the 'ROTGU' Shear-Up Adapter is attached to the Type 'ROTGS' Pulling Tool.



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

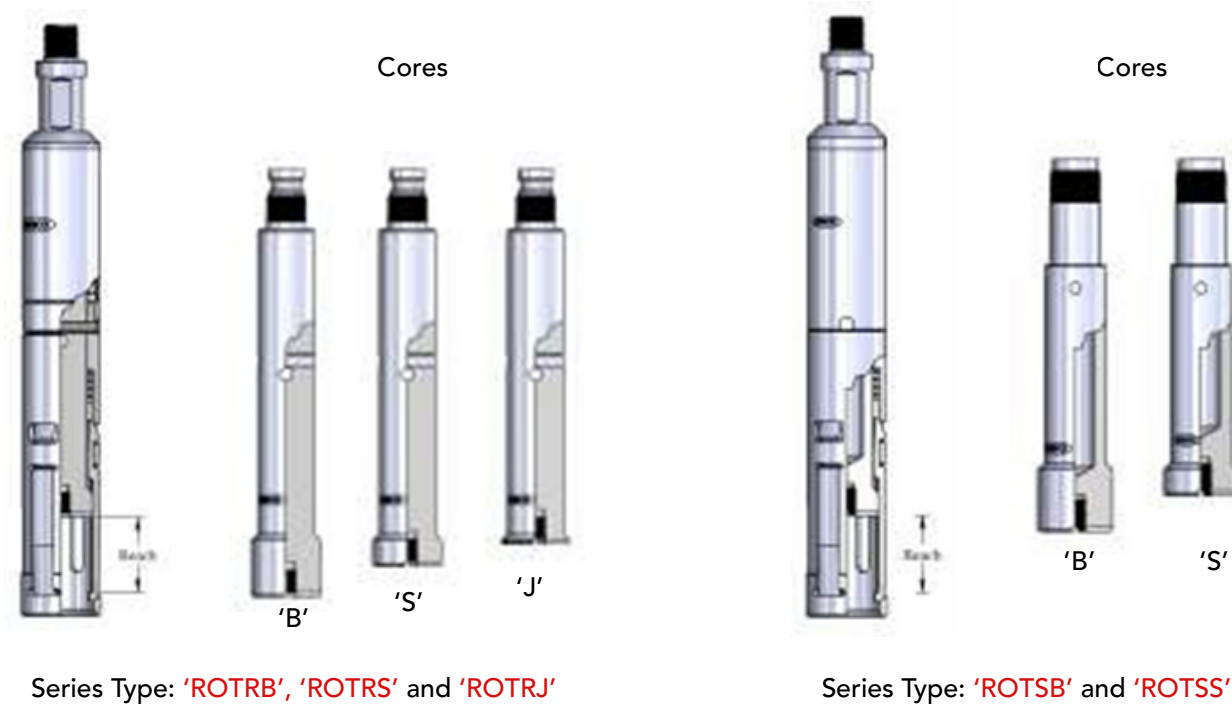


Chart: Pulling Tool Selection Guide

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'		