



## SECTION IV: PULLING TOOLS

### Type 'ROTGRL' Pulling Tool Assembly: 2.00" – 4.00"

Rebco Types 'ROTGRL' Pulling Tool is a combination tool made up of the Type 'ROTGSL' Pulling Tool and Type 'ROTGU' Shear-Up Adapter.

#### TECHNICAL DATA

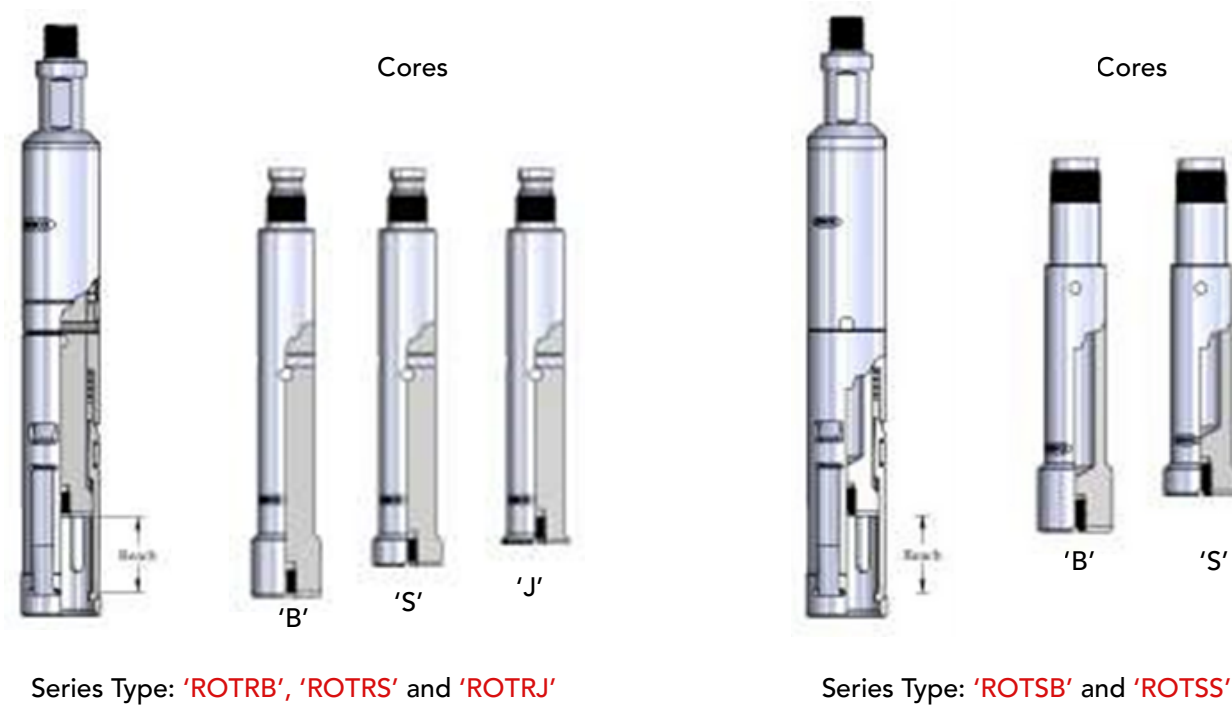
| NOMINAL SIZE    | 2"            | 2 1/2"        | 3"            | 4"            |
|-----------------|---------------|---------------|---------------|---------------|
| ASSEMBLY NUMBER | 4005130818700 | 4005130821800 | 4005130827500 | 4005130836804 |

#### 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"       |
| WILL ENGAGE FISHING NECK ID | 1.38"       | 1.81"       | 2.31"        | 3.12"        |
| LENGTH                      | 20.4"       | 20.9"       | 21.4"        | 22.7"        |
| MATERIAL                    | Alloy       | Alloy       | Alloy        | Alloy        |



**Fig 2 - Comparative of 'ROTR\_' and 'ROTS\_' Pulling Tools**



**Chart: Pulling Tool Selection Guide**

| FISHING NECK<br>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'   |          |                |