

Type 'ROTG', 'ROTN', 'ROTL', and 'ROTR' Lock Mandrel Sub-Assemblies:

Type 'ROTG', 'ROTN', 'ROTL', and 'ROTR' Lock Mandrel Sub-Assemblies are devices used to position and secure Wireline retrievable downhole equipment into pre-set Tubing Nipples with appropriate profiles.

These Locks have External Fishing Neck and large flow areas for use in high volume completions. The Latch with Collet type locking fingers prevent upward movement, while **No-Go** shoulders prevent downward movement.

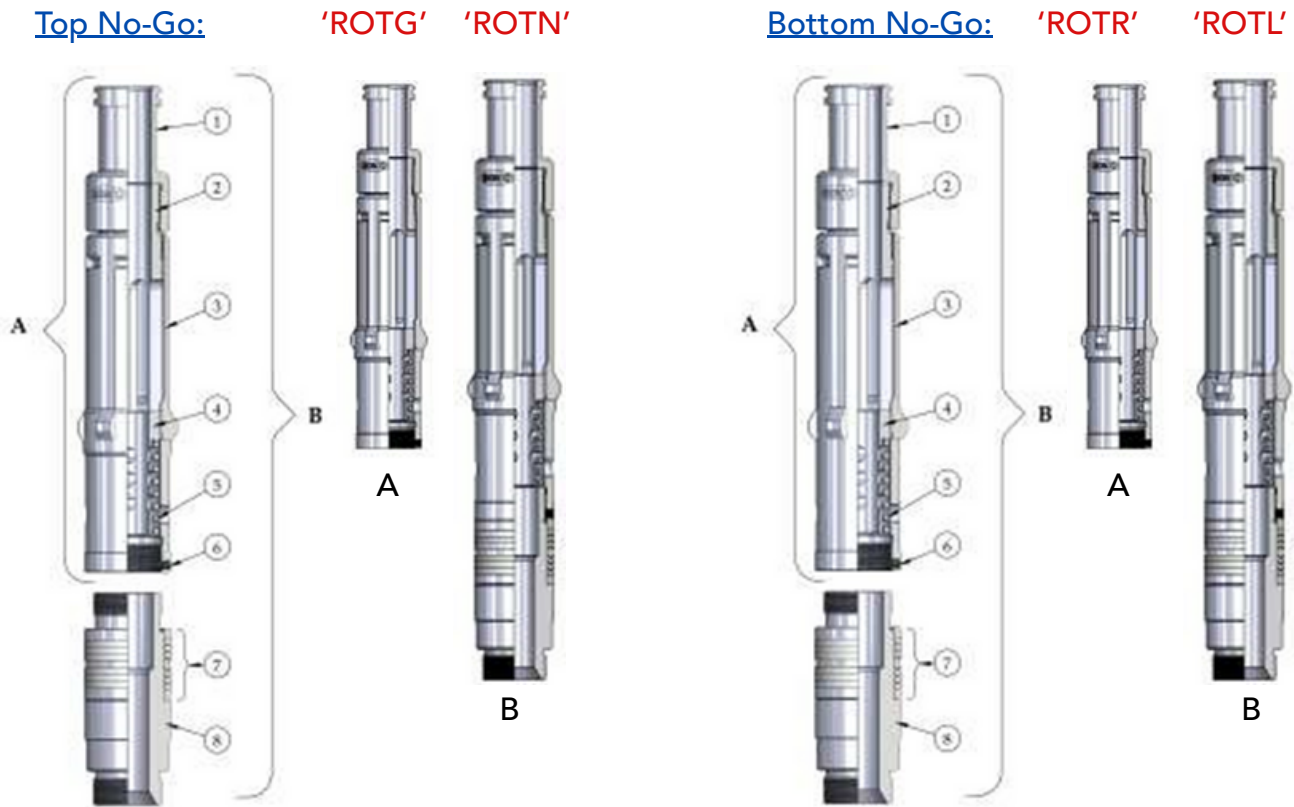


Table 1: Running and Pulling Tools required

LOCK SIZE		TO RUN		TO PULL	
NOM	SEAL BORE	RUNNING TOOL 'ROTC-1'	SHANK 'BN-1'	PULLING TOOL 'ROTRB'	PROBE 'BN-1'
2 3/8"	1.781	2 3/8" 41021202370	2 3/8" 81101852301	2" 4013012000	2 3/8" 41011012370
	1.812				
	1.875				
2 7/8"	2.25	2 7/8" 41021202870	2 7/8" 81101852701	2 1/2" 4013012500	2 7/8" 41011012870
	2.312				



SECTION XIV: LOCK MANDRELS

Type 'ROTR' & 'ROTL' (Bottom No-Go) Lock Mandrel Sub-Assembly: 2 3/8" – 2 7/8"

Rebco Type 'ROTR' and 'ROTL' are Bottom No-Go, Lock Mandrel Sub-Assembly to be set into Type 'BR' Landing nipple.

Type 'ROTR' Lock is basically a Type 'ROTL' Lock Sub-Assembly less the Packing Unit and Packing Mandrel.

Product Code: 10

TECHNICAL DATA

NOMINAL SIZE		2" (2 3/8")			2 1/2" (2 7/8")
SEAL BORE SIZE		1.781"	1.812"	1.875"	2.250"
LOCK MANDREL SUB ASSEMBLY	TYPE 'ROTR' (DET 1-6) SUB-ASS'Y NUMBER	10132017803	10132018103	10132018703	10132022503
	TYPE 'ROTL' (DET 1-8) SUB-ASS'Y NUMBER	10082017803	10082018103	10082018703	10082022503

ENGINEERING DATA:

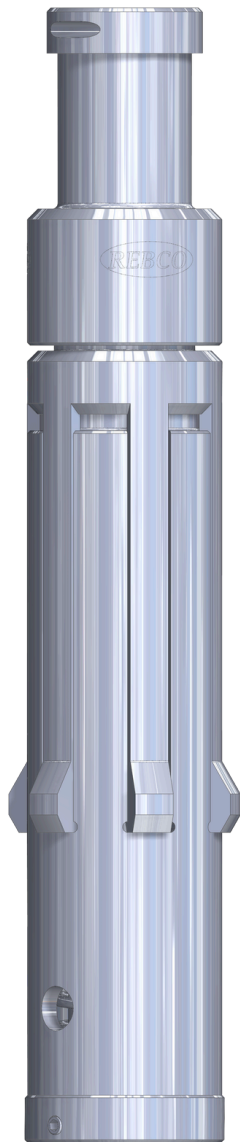
MAXIMUM OD (No-Go)			1.771"	1.802"	1.865"	2.245"
FISHING NECK SIZE (ID)			1.375"	1.375"	1.375"	1.750"
TYPE 'ROTR'	BOTTOM THREAD	BOX	1.406" - 14	1.406" - 14	1.406" - 14	1.813" - 14
TYPE 'ROTL'		PIN	1.470" - 14	1.470" - 14	1.470" - 14	1.802" - 14
MINIMUM ID		TYPE 'ROTR'	.807"	.807"	.807"	1.12"
		TYPE 'ROTL'	.807"	.807"	.807"	1.12"
LENGTH		TYPE 'ROTR'	12.75"	12.75"	12.75"	12.75"
		TYPE 'ROTL'	17.38"	17.38"	17.38"	17.38"
MATERIAL			Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy

Tools Required: For Running and Pulling, with [Accessories](#) - SEE PAGE (XIV-17) above

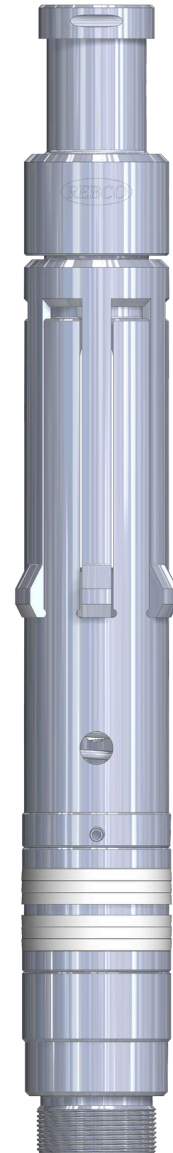
Lock Mandrel Sub-Assemblies are available in variety of Materials, suitable for down-hole conditions.



SECTION XIV: LOCK MANDRELS



'ROTR'



'ROTL'