



SECTION XIV: LOCK MANDRELS

Type 'ROTW-1' & 'ROTW-2' Lock Mandrel Sub-Assembly: 1.660" – 4.50"

Rebco Type 'ROTW-1' & 'ROTW-2' is a Top No-Go, Non Flowing Lock. Lock Mandrel Sub-Assembly has Locks (Dogs) which prevent upward movement and a No-Go shoulder that seats in the upper part of a seating product to prevent downward movement.

NOTE: Required Running and Pulling Tools with appropriate Probes are shown in ENGINEERING DATA for Type of Accessories attached to the Lock Mandrel Sub-Assembly.

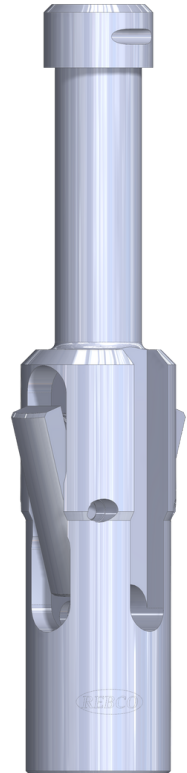
Rebco Type 'ROTW-1' and 'ROTW-2' Lock Mandrel Sub-Assemblies are available in variety of Materials, suitable for down-hole conditions.

TECHNICAL DATA

NOMINAL SIZE		1.660"	1.900"		2 1/16"
SEAL BORE SIZE		1.18"	1.43"	1.50"	1.56"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTW-1'	'ROTW-2'		'ROTW-2'
	SUB-ASS'Y NUMBER	10171201180	10172201430	10172201500	10172201560

ENGINEERING DATA:

MAXIMUM OD (No-Go)	1.240"	1.490"	1.552"	1.615"
FISHING NECK SIZE	.875"	1.187"	1.187"	1.187"
MINIMUM ID	.50"	.75"	.75"	.75"
LENGTH	6.12"	6.62"	6.44"	6.44"
MATERIAL	Alloy	Alloy	Alloy	Alloy



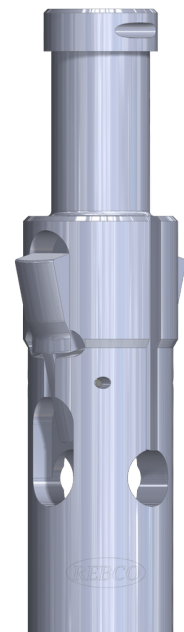
'ROTW-1'

TECHNICAL DATA

NOMINAL SIZE		2 3/8"		2 7/8"	
SEAL BORE SIZE		1.78" - 1.81"	1.87"	2.25"	2.31"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTW-2'		'ROTW-2'	
	SUB-ASS'Y NUMBER	10172202370	10172201870	10172202250	10172202310

ENGINEERING DATA:

MAXIMUM OD	1.865"	1.928"	2.303"	2.365"
FISHING NECK SIZE	1.375"	1.375"	1.750"	1.750"
MINIMUM ID	.88"	.88"	1.19"	1.19"
LENGTH	7.53"	7.53"	7.69"	7.69"
MATERIAL	Alloy	Alloy	Alloy	Alloy



'ROTW-2'



SECTION XIV: LOCK MANDRELS

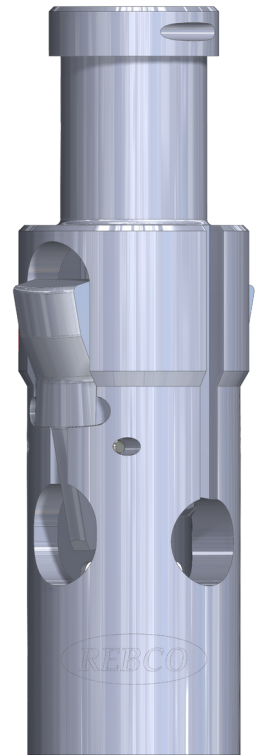
Type 'ROTW-1' & 'ROTW-2' Lock Mandrel Sub-Assembly:

TECHNICAL DATA

NOMINAL SIZE	3 1/2"			
SEAL BORE SIZE	2.56"	2.75"	2.81"	2.87"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTW-2'		
	SUB-ASS'Y NUMBER	10172202560	10172202750	10172202810

ENGINEERING DATA:

MAXIMUM OD (No-Go)	2.625"	2.802"	2.865"	2.915"
FISHING NECK SIZE	1.750"	2.313"	2.313"	2.313"
MINIMUM ID	1.20"	1.44"	1.44"	1.44"
LENGTH	8.25"	10.47"	10.47"	10.47"
MATERIAL	Alloy	Alloy	Alloy	Alloy



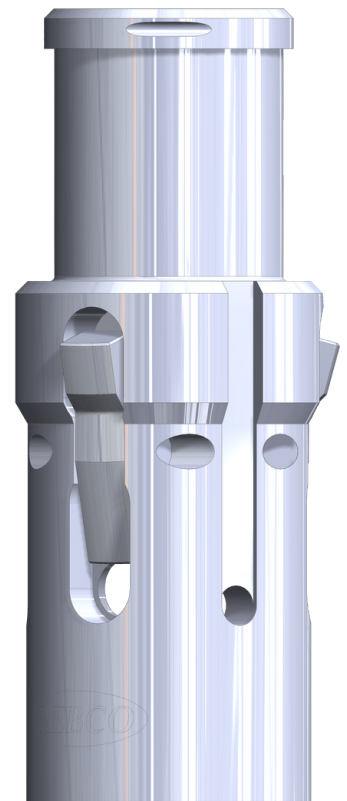
'ROTW-2'

TECHNICAL DATA

NOMINAL SIZE	4 1/2"		
SEAL BORE SIZE	3.68"	3.75"	3.81"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTW-1'	
	SUB-ASS'Y NUMBER	10171203680	10171203750

ENGINEERING DATA:

MAXIMUM OD (No-Go)	3.740"	3.802"	3.864"
FISHING NECK SIZE	3.125"	3.125"	3.125"
MINIMUM ID	2.06"	2.06"	2.06"
LENGTH	9.93"	9.93"	9.93"
MATERIAL	Alloy	Alloy	Alloy



'ROTW-1'