



SECTION XIV: LOCK MANDRELS

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

Rebco Type 'ROTS-1' & 'ROTS-2' Lock Mandrel Sub-Assembly is a Selective Non Flowing Lock. Lock Mandrel Sub-Assembly has Dogs (DET 2) facing both ways, up facing Dogs prevent Lock moving upward, and down facing prevent the Lock moving downward.

Product Code: 10

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 'ROTS-1' and 'ROTS-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"	2 3/8"
SEAL BORE SIZE		1.18" - 1.25"	1.43" - 1.50"	1.56" - 1.62"	1.78" - 1.87"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTS-1'	'ROTS-2'	'ROTS-2'	'ROTS-2'
	SUB-ASS'Y NUMBER	10141201660	10142201900	10142202060	10142202370

ENGINEERING DATA:

MAXIMUM OD		1.156"	1.406"	1.531"	1.750"
FISHING NECK SIZE		.875"	1.187"	1.187"	1.375"
MINIMUM ID		.50"	.75"	.75"	.88"
LENGTH		6.94"	7.69"	7.56"	9.12"
MATERIAL		Alloy	Alloy	Alloy	Alloy

TECHNICAL DATA

NOMINAL SIZE		2 7/8"	3 1/2"	3 1/2"	4 1/2"
SEAL BORE SIZE		2.25" - 2.31"	2.56"	2.75" - 2.81"	3.68" - 3.81"
SUB ASSEMBY	TYPE of LOCK - (DET 2)	'ROTS-2'	'ROTS-2'	'ROTS-2'	'ROTS-1'
	SUB-ASS'Y NUMBER	10142202870	10142202560	10142203500	10141204500

ENGINEERING DATA:

MAXIMUM OD		2.188"	2.500"	2.688"	3.562"
FISHING NECK SIZE		1.750"	1.750"	2.313"	3.125"
MINIMUM ID		1.19"	1.20"	1.44"	2.06"
LENGTH		9.38"	10.47"	10.47"	12.06"
MATERIAL		Alloy	Alloy	Alloy	Alloy

For Type 'ROTTs' Lock Sub-Assemblies, see Product Code 10, SECTION XIV, Page XIV-22



'ROTS-1'



'ROTS-2'