



SECTION XIV: LOCK MANDRELS

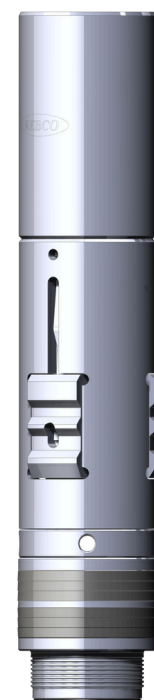
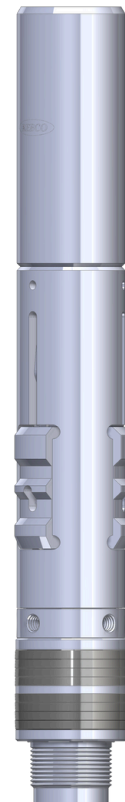
Type 'ROTRN' Lock Mandrel Assembly: 1.500" – 4.813"

Rebco Type 'ROTRN' Lock Mandrel has chamfered Keys, and when a Bottom Sub is added, it becomes a No-Go Lock Mandrel. It is to be landed in a Type 'ROTRN' Landing Nipple of the same size.

Lock Mandrels are available in a variety of Materials, suitable to down-hole conditions.

Product Code: 10

Lock Mandrels with Safety Spring, and Interference Hold Down are available, see [PRODUCT 17](#) and [18](#)



TECHNICAL DATA

NIPPLE SEAL BORE	1.500"	1.710"	1.781"	1.875"	2.000"
ASSEMBLY NUMBER	10131015030	10131017130	10131017830	10131018730	10131020030

ENGINEERING DATA:

LOCK ID	.62"	.75"	.88"	.88"	.88"
PACKING OD	1.500"	1.710"	1.781"	1.875"	2.000"
LENGTH	13.4"	13.4"	13.4"	13.4"	13.4"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	1 1/8" - 16	1 1/8" - 16	1 3/8" - 14	1 3/8" - 14	1 3/8" - 14
RUNNING TOOL - 'ROTR'	41132015000	41132017100	41132017800	41132018700	41132020000
PULLING TOOL - 'ROTGR'	40051315000	40051315000	40051317800	40051318700	40051318700

TECHNICAL DATA

NIPPLE SEAL BORE	2.125"	2.188"	2.313"	2.562"	2.750"
ASSEMBLY NUMBER	10131021230	10131021830	10131023130	10131025630	10131027530

ENGINEERING DATA:

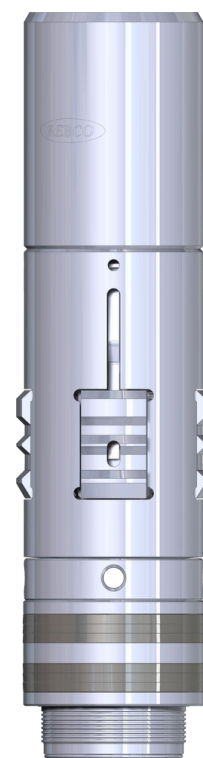
LOCK ID	.88"	1.12"	1.12"	1.38"	1.50"
PACKING OD	2.125"	2.188"	2.313"	2.562"	2.750"
LENGTH	13.4"	13.8"	13.8"	13.3"	13.7"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	1 3/8" - 14	1 3/4" - 12	1 3/4" - 12	2" - 12 SLB	2 1/4" - 12 SLB
RUNNING TOOL - 'ROTR'	41132021200	41132021800	41132023100	41132025600	41132027500
PULLING TOOL - 'ROTGR'	40051318700	40051321800	40051323100	40051323100	40051327500



SECTION XIV: LOCK MANDRELS

Type 'ROTRN' Lock Mandrel Assembly:

TECHNICAL DATA					
NIPPLE SEAL BORE	2.813"	2.875"	3.125"	3.437"	3.688"
ASSEMBLY NUMBER	10131028130	10131028730	10131031230	10131034330	10131036830
ENGINEERING DATA:					
LOCK ID	1.50"	1.50"	1.94"	1.94"	2.38"
PACKING OD	2.813"	2.875"	3.125"	3.437"	3.688"
LENGTH	13.7"	13.7"	13.7"	14.2"	14.37"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	2 1/4"-12 SLB	2 1/4"-12 SLB	2 5/8"-12 SLB	2 3/4"-12 SLB	3 1/16"-12 SLB
RUNNING TOOL - 'ROTR'	41132028100	41132028700	41132031200	41132034300	41132036800
PULLING TOOL - 'ROTGR'	40051327500	40051327500	40051331200	40051331200	40051336804



TECHNICAL DATA					
NIPPLE SEAL BORE	3.813"	4.125"	4.313"	4.562"	4.813"
ASSEMBLY NUMBER	10131038130	10131041230	10131043130	10131045630	10131048130
ENGINEERING DATA:					
LOCK ID	2.12"	2.75"	2.62"	2.85"	3.12"
PACKING OD	3.813"	4.125"	4.313"	4.562"	4.813"
LENGTH	14.77"	14.38"	14.39"	14.92"	14.6"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	3 1/16"-12 SLB	3 1/4"-12 SLB	3 1/4"-12 SLB	3 3/4"-12 SLB	4"-12 SLB
RUNNING TOOL - 'ROTR'	41132038100	41132041200	41132043100	41132045600	41132048100
PULLING TOOL - 'ROTGR'	40051336804	40051436804	40051336804	40051345600	40051345600



* Norm Alloy is suitable for H2S Service (NACE MR-01-75, Latest Revision)

NOTE: Lock Mandrels Sizes 3.437" - 4.813" without Safety Spring ([Product 18](#)) are Special Order Locks. ALL Lock Mandrels are available in a variety of Materials, suitable for down-hole conditions.