



SECTION XIV: LOCK MANDRELS

ROTX Lock Mandrel Assembly: 3.313" – 4.562"

Product Code: 18

[Safety Spring Feature](#) is a positive locking feature preventing the Lock Mandrel to unlock due to some forces caused by well conditions.

Shear Pin is installed prior to running the Lock into the well, once set, the Shear Pin lodges itself between the Expander Sleeve and Key Retainer, creating positive feature.

TECHNICAL DATA

NIPPLE SEAL BORE	3.313"	3.813"	4.313"	4.562"
ASSEMBLY NUMBER	18182033130	18182038130	18182043130	18182045630

ENGINEERING DATA:

LOCK ID	2.12"	2.62"	2.62"	3.12"
FISHING NECK ID	2.62"	3.12"	3.12"	4.00"
PACKING OD	3.313"	3.813"	4.313"	4.562"
LENGTH	14.51"	14.25"	14.39"	14.69"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	2 3/4"-12 SLB	3 1/16"-12 SLB	3 1/4"-12 SLB	4" – 12 SLB
RUNNING TOOL - ROTX	41182033100	41182038100	41182043100	41182045600
PULLING TOOL - ROTGR	40051331202	40051336804	40051436804	40051345600

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



Rebco offers Check Set Tools ([Product Code 41](#)) for all [ROTX](#), [ROTXN](#), [ROTR](#) and [ROTRN](#) Locks

Check Set Tool is used to "Check" the proper setting of the Lock in the Landing Nipple.

See [Section II - C: SPECIALTY SERVICE TOOLS](#)



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This Document describes the **ROT** Equipment; the intent is to relate the information to the user; there is no guarantees stated or implied as to the result and function of the Equipment.



SECTION XIV: LOCK MANDRELS

ROTXN Lock Mandrel Assembly: 3.313" – 4.562"

Product Code: 18

Safety Spring Feature is a positive locking feature preventing the Lock Mandrel to unlock due to some forces caused by well conditions.

Shear Pin is installed prior to running the Lock into the well, once set, the Shear Pin lodges itself between the Expander Sleeve and Key Retainer, creating Positive feature.

TECHNICAL DATA

NIPPLE SEAL BORE	3.313"	3.813"	4.313"	4.562"
ASSEMBLY NUMBER	18181033130	18181038130	18181043130	18181045630

ENGINEERING DATA:

LOCK ID	2.12"	2.62"	2.62"	3.12"
FISHING NECK ID	2.62"	3.12"	3.12"	4.00"
PACKING OD	3.313"	3.813"	4.313"	4.562"
LENGTH	14.51"	14.25"	14.39"	14.69"
MATERIAL *	Norm Alloy	Norm Alloy	Norm Alloy	Norm Alloy
BOTTOM THREAD	2 3/4"-12 SLB	3 1/16"-12 SLB	3 1/4"-12 SLB	4" – 12 SLB
RUNNING TOOL - ROTX	41182033100	41182038100	41182043100	41182045600
PULLING TOOL - ROTGR	40051331200	40051336804	40051436804	40051345600

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



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