

DTI X-Line and R-Line Lock Running Tool



INTERVENTION
FLOW CONTROL
WELL TESTING

Description

The DTI's X-Line and R-Line Running Tools are Slickline Deployed Mechanical Running Tools that are used to run and set DTI X or R Lock Mandrels into their respective matching nipples. The X-Line and R-Line Running Tools enable the Locks to be run with their keys retracted so that they can pass multiple selective nipple profiles and reduce the risk of hang up whilst running in hole.

The Running Tools use the proven X and R Line Running trip mechanism to move the lock keys from their retracted running position to their non-selective setting position. Once the nipple profile is located jarring down against the lock will then set the lock in to the nipple profile.

The X-Line and R-Line Running Tools can also be used for running XN and RN Lock mandrels.

Deployment and Operation

- The running tool is made up to the lock by latching into the lock fish neck and pinning the core. The lock is run with the lock keys fully retracted.
- For the selective locks run in hole past the required nipple profile and pick back up to trip the dogs and move the lock keys to their selective position.
- Run in again into the nipple profile and the lock keys will locate into the nipple profile.
- Jar down to set the lock and then pick up weight to confirm that the lock is set.
- Jar up to shear the shear pin connecting the core to the lock

Features & Benefits

- Enables the X,XN, R and RN Locks to be set on slickline.
- Utilises field proven technology.
- Robust construction.
- Flow activated versions of these tools are available.
- Lower thread in core to suit standard XX and RR Running Prongs.



Part Number	Fish Neck	Standard Thread	Engaging Fish Neck	Lock Size
171RRT	1.188"	15/16 UN	1.38" (2" GS)	1.710" R & RN
188RRT	1.375"	15/16 UN	1.38" (2" GS)	1.875" R & RN
212RRT	1.375"	15/16 UN	1.38" (2" GS)	2.125" R & RN
218RRT	1.750"	15/16 UN	1.81" (2 1/2" GS)	2.188" R & RN
231RRT	1.750"	15/16 UN	1.81" (2 1/2" GS)	2.313" R & RN
256RRT	1.750	15/16 UN	1.81" (2 1/2" GS)	2.562" R & RN
312RRT	2.313"	1 1/16-10	2.62" (3 1/2" GS)	3.125" R & RN
325RRT	2.313"	1 1/16-10	2.62" (3 1/2" GS)	3.250" R & RN
343RRT	2.313"	1 1/16-10	2.62" (3 1/2" GS)	3.437" R & RN
369RRT	2.313"	1 1/16-10	3.12" (4" GS)	3.688" R & RN
381RRT	2.313"	1 1/16-10	3.12" (4" GS)	3.813" R & RN
412RRT	2.313"	1 1/16-10	3.12" (4" GS)	4.125" R & RN
431RRT	2.313"	1 1/16-10	3.12" (4" GS)	4.313" R & RN
456RRT	2.313"	1 1/16-10	4.00" (5" GS)	4.562" R & RN
587RRT	3.125"	1 9/16-10	4.75" (5 5/8" GS)	5.875" R & RN
596RRT	3.125"	1 9/16-10	4.75" (5 5/8" GS)	5.962" R & RN
188XRT	1.375"	15/16 UN	1.38" (2" GS)	1.875" X & XN
231XRT	1.750"	15/16 UN	1.81" (2 1/2" GS)	2.313" X & XN
275XRT	2.313"	1 1/16-10	2.31" (3" GS)	2.750" X & XN
281XRT	2.313"	1 1/16-10	2.31" (3" GS)	2.812" X & XN
331XRT	2.313"	1 1/16-10	2.62" (3 1/2" GS)	3.313" X & XN
381XRT	2.313"	1 1/16-10	3.12" (4" GS)	3.813" X & XN
431XRT	2.313"	1 1/16-10	3.12" (4" GS)	4.313" X & XN
456XRT	2.313"	1 1/16-10	4.00" (5" GS)	4.562" X & XN

We offer optional equipment, alternative sizes, pressure ratings, materials and thread connections. **Please contact us for more information.**