



SECTION III: RUNNING TOOLS

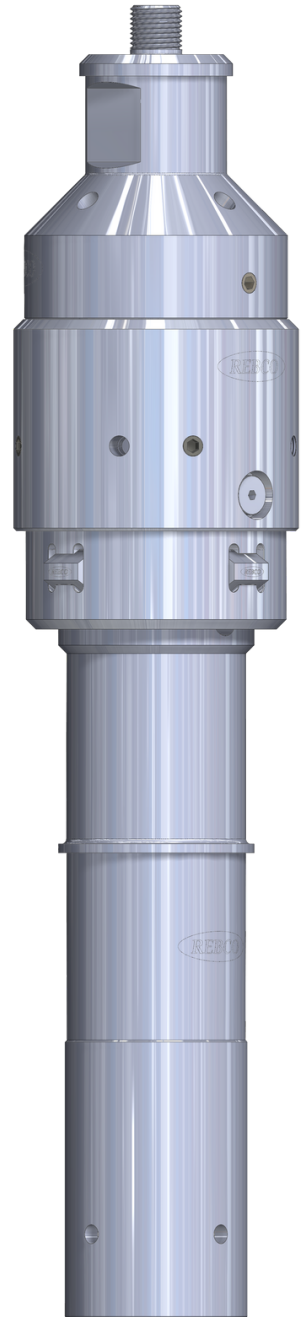
Type 'ROTRX' Running Tool Assembly: 1.375" – 4.813"

Rebco Type 'ROTR' Running Tool is designed to set Types: 'ROTR', 'ROTRN', 'ROTRQ', 'ROTRPT', 'ROTRNT', 'ROTX' and 'ROTXN' Locking Mandrels into its respective Nipple profiles.

This Running Tool is generally used to install tubing safety valves in the uppermost Landing Nipples.

With this Running Tool, the Lock Mandrels may be run with the Keys in the control or locating positions. The Lock Mandrel Keys or No-Go serves to locate the nipple rather than the Dogs on the Running Tool.

When a No-Go Lock is being run, the keys must be in the locating position and the Lock must be set in the first nipple in the bore of that lock size. The Running Tool gives a positive indication when the Lock is fully set.





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Type 'ROTRXN' Running Tool Assembly: 5.875"

Note: **Rebco** Type 'ROTRXN' Running Tool is the same as 'ROTRX' in its function; the difference is that 'ROTRXN' utilizes Retainer Dogs instead of the Lugs to attach the Lock Mandrel.

TECHNICAL DATA											
NOM SIZE	LOCK MANDREL GUIDE		ASSEMBLY PART NUMBER	FISHING NECK TO ENGAGE	ENGINEERING DATA						
	TYPE	SIZE			ACTUAL OD	FISHING NECK	CONNECTION		LENGTH		
							PIN	BOTTOM			
3"	'ROTX'	2.750"	41131827511	2.31"	2.62"	2.313"	1 1/16" - 10	1 1/4" - 12	24.2"		
	'ROTR'	2.875"	41131828710								
4"	'ROTX'	3.688"	41131836810	3.12"	3.62"			1 7/8" - 12	24.7"		
	'ROTR'										
	'ROTX'	3.813"	41131838110					2 1/8" - 12			
	'ROTR'		41131838112					1 5/8" - 12			
	'ROTRQ'		41131838111					2 1/8" - 12			
	'ROTR'		41131840010					1 7/8" - 12			
	'ROTR'	4.125"	41131841210					2 1/8" - 12			
	'ROTRQ'										
	'ROTX'	4.313"	41131843110								
	'ROTR'										
5"	'ROTX'	4.562"	41131845610	4.000"	4.50"			2 1/2" - 10	24.8"		
	'ROTRQ'		41131845611								
	'ROTR'	5.250"	41131852510		3.125"			3" - 10	25.9"		
	'ROTRNT'	5.963"	41131859614								
	'ROTR'	5.875"	411318105870						29.31"		
7"	'ROTRQ'	5.875"	41131858711	5.375"	5.81"				3 3/8" - 12	26.7"	
	'ROTR'	5.963"	41131859610								
	'ROTRQ'										
	'ROTRQ'	6.000"	41131860010			3 3/8" - 10					



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