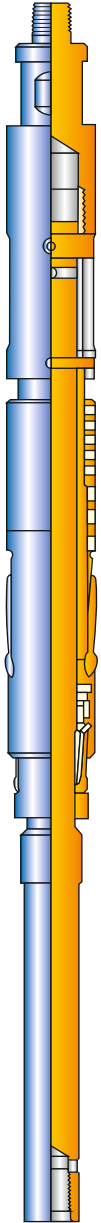


'X & R' RUNNING TOOL

The PARVEEN X and R Running Tools are used to set model 'X', 'XN', 'R', 'RN' and 'RQ' Lock Mandrels in their respective landing nipples. The X and R Running Tool can be set up to run either in selective or non-selective mode. In selective mode the lock mandrel can be run through several landing nipples of the same size and type before selecting the desired nipple to set the lock mandrel. In non-selective mode, the lock mandrel will locate the first corresponding nipple.

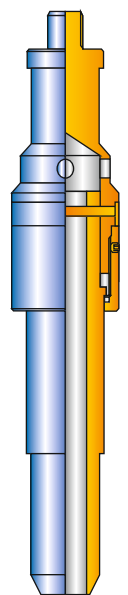


**X & R
RUNNING
TOOL**

'X & R' RUNNING TOOL					
Max. O.D.(in)	To Suit Nipple Bore (in)	F/N O.D. (in)	Top Connection	Part No. 'X'	Part No. 'R'
1.720	1.875	1.375	15/16-10 UN	174-187	275-187
2.171	2.313	1.750	15/16-10 UN	174-231	275-231
2.687	2.750	2.313	1-1/16-10 UN	174-275	275-275
2.843	2.875	2.313	1-1/16-10 UN	174-288	275-288
3.250	3.313	2.313	1-1/16-10 UN	174-331	275-331
3.750	3.813	2.313	1-1/16-10 UN	174-381	275-381
4.500	4.562	3.125	1-1/16-10 UN	174-456	275-456

'X' CHECK SET TOOL

The PARVEEN X Check Set Tool is used to ensure that the 'X' and 'R' Locking Mandrels have been properly set in the appropriate landing nipple. A sheared pin in the tool, after it has been run, indicates that the lock has been properly set. It is lowered downhole to the locking mandrel using standard wireline tools.



**X CHECK
SET TOOL**

'X' CHECK SET TOOL			
Nominal Size (in)	F/N O.D. (in)	Top Connection	Part No.
1-1/2 - 1.710	1.188	15/16 - 10 UN	312170
2	1.375	15/16 - 10 UN	312200
2.125	1.375	15/16 - 10 UN	312212
2.188	1.375	15/16 - 10 UN	312218
2-1/2 - 2.562	1.375	15/16 - 10 UN	312256
3	1.750	15/16 - 10 UN	312300
4	1.750	1-1/16" - 10 UN	312400