



BRACE TOOL

OILFIELD, WIRELINE & DOWNHOLE TOOLS

X/XN Lock Mandrel



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X Lock Mandrel

The X Lock is a selective lock which can be installed in the chosen X landing nipple in a series of X nipples. It has retractable keys and an integrated packing mandrel that allow the tool to lock into a profile nipple and create a seal. This allows the lock to create or hold pressure from above or below based on the equalizing assembly being used.

XN Lock Mandrel

The XN Lock is the non-selective version of the X lock. The keys have an angled shoulder, and the lock is designed to stop against the No-Go diameter at the bottom of an XN Nipple. The XN lock is used in single installations or installed in the bottom XN nipple in a series of X profile nipples. XN Locks have a higher pressure from above rating than X locks of the same size.

Application:

- Isolating pressure from either above or below the lock during pressure testing.
- Plugging tubing strings for tubular snubbing operations.
- Restricting and regulating downhole flow.
- Subsurface safety valve systems.

Key Features & Benefits:

- Available in a variety of sizes to work with new and existing X and XN profile nipples.
- Retractable locking keys that provide reliable locking, and ease of retrieval.
- Compatible with standard weight tubing, ensuring ease of integration into diverse completion setups.

Technical Data - X Lock Mandrel				
Nominal Size	1.50"	1.625"	1.875"	2.313"
Assembly Number	08-02-X-150-A0	08-02-X-162-A0	08-02-X-187-A0	08-02-X-231-A0
Bottom Thread Connection	1.125"-16 UN-2A	1.125"-16 UN-2A	1.375-14 UN-2A	1.750-12 UN-2A
Fishneck I.D.	1.062"	1.062"	1.375"	1.812"
Maximum O.D.	1.465"	1.580"	1.835"	2.275"
Technical Data - X Lock Mandrel				
Nominal Size	2.75"	2.813"	3.813"	
Assembly Number	08-02-X-275-A0	08-02-X-281-A0	08-02-X-381-A0	
Bottom Thread Connection	2.250-12 SLB	2.250-12 SLB	3.062-12 SLB	
Fishneck I.D.	2.31"	2.31"	3.125"	
Maximum O.D.	2.72"	2.78"	3.75"	

Speak with a Brace Tool sales representative to explore the different configurations available on this tool and discover how we can match your requirements.

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