



PURPOSE

X Running Tool is constructed to deploy the flow of subsurface control devices. It is used to run X and XN lock mandrels. The fishing neck is connected to the device to improve the industry standard connections.

ASSEMBLY PARTS

- 1. Fishneck
- 2. Inner Sleeve
- 3. Mandrel
- 4. Pin
- 5. Spring Housing
- 6. Spring
- 7. Dog Housing
- 8. Dog Spring
- 9. Split Ring
- 10. Locator Dog (2)
- 11. Lug Segment (2)
- 12. Retainer Dog (2)
- 13. Roll Pin

OPERATION

Pin corresponding X / XN Lock and equalizing assembly onto running tool using brass shear pin (or shear pin of desired material).

Lower tools into wellbore and run to desired depth, stopping just prior to landing nipple it is recommended to take static and pull weights,

Set down and jar packing into the seal bore of the nipple until there either the no-go (XN ASSY) or the keys (X ASSY) have located, properly.

Jar down to shear top pin and lock keys in place with expander mandrel of X-Lock.

Jar up to shear bottom pin and remove from wellbore.

(Sizes on next page)

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

Nominal Size		1.50"	1.625	1.875	2.313"
Assembly Number		0202X150A0	0202X162A0	0202X187A0	0202X231A0
Item	Part Name				
1	Fish Neck	0202X15001	0202X15001	0202X20001	0202X25001
2	Inner Sleeve	0202X15002	0202X15002	0202X20002	0202X25002
3	Mandrel	0202X15003	0202X15003	0202X20003	0202X25003
4	Pin	0202X15004	0202X15004	0202X20004	0202X25004
5	Spring Housing	0202X15005	0202X15005	0202X20005	0202X25005
6	Spring	0202X15006	0202X15006	0202X20006	0202X25006
7	Dog Housing	0202X15007	0202X16207	0202X20007	0202X25007
8	Dog Spring	0202X15008	0202X15008	0202X20008	0202X25008
9	Split Ring	0202X15009	0202X15009	0202X20009	0202X25009
10	Locator Dog	0202X15010	0202X16210	0202X20010	0202X25010
11	Lug Segment	0202X15011	0202X15011	0202X20011	0202X25011
12	Retainer Dog	0202X15012	0202X15012	0202X20012	0202X25012
Upper Thread Connection		0.938"-10 UN	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN
Lower Thread Connection		.50"-13 UNC	.50"-13 UNC	.50"-13 UNC	.625"-11 UNC
Max O.D.		1.41"	1.59"	1.75"	2.17"
Fish Neck size		1.187"	1.187"	1.375"	1.75"

(Sizes continue on next page)

Nominal Size		2.75"	2.813"	3.813"
Assembly Number		0202X275A0	0202X281A0	0202X400A0
Item	Part Name			
1	Fish Neck	0202X30001	0202X30001	0202X40001
2	Inner Sleeve	0202X30002	0202X30002	0202X40002
3	Mandrel	0202X30003	0202X30003	0202X40003
4	Pin	0202X30004	0202X30004	0202X40004
5	Spring Housing	0202X30005	0202X30005	0202X40005
6	Spring	0202X30006	0202X30006	0202X40006
7	Locator Dog Housing	0202X30007	0202X30007	0202X40007
8	Dog Spring	0202X30008	0202X30008	0202X40008
9	Split Ring	0202X30009	0202X30009	0202X40009
10	Locator Dog	0202X27510	0202X28110	0202X40010
11	Lug Segment	0202X30011	0202X30011	0202X40011
12	Retainer Dog	0202X30012	0202X30012	0202X40012
Upper Thread Connection		1.062"-10 UN	1.062"-10 UN	1.062"-10 UN
Lower Thread Connection		.75"-10 UNC	.75"-10 UNC	2.125"-12 UNC
Max O.D.		2.715"	2.715"	3.75"
Fishneck size		2.31"	2.31"	2.31"

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