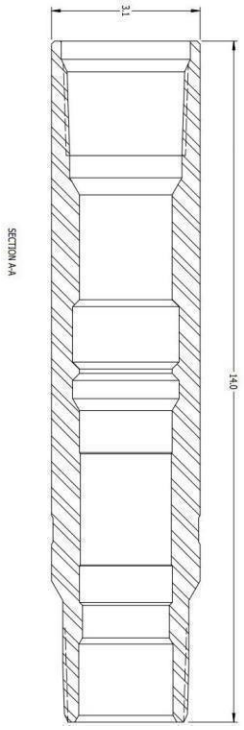
XN Landing Nipple



PURPOSE

The Brace Tool Type XN Landing Nipple is a selective nipple that may be ran in conjunction with the completion or production tubing at desired intervals in the wellbore. It is compatible with industry standard OEM equipment and comes in a range of sizes and material to accommodate standard tubing sizes and weights.

The completion can include as many selective nipples with the same ID in any sequence as desired in the tubing string. This allows an unlimited number of positions for setting and locking the subsurface flow controls. The flow control, which is attached to the required Otis X lock mandrel, is run in the well through the selective running tool on slickline.

The running tool can set the flow control in any one of the landing nipples at the desired depth. The flow control can be moved up or down the tubing string to another location if the original location is not satisfactory or the well conditions change. This can be done by slickline under pressure without killing the well.
Available with or without API Certification.

* Size Information on the next page *

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For Standard Tubing Weights

Tubing								XN Profile*					
Size		Weight		ID		Drift		Packing Bore		No-Go ID		Lock Mandrel ID	
IN.	MM	LB/FT	KG/M	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
1.660	42.16	2.3 2.4	3.42 3.57	1.380	35.05	1.286	32.66	1.250	31.75	1.135	28.83	0.62	15.75
1.900	48.26	2.4 2.76 2.9	3.57 4.11 4.32	1.660 1.610	42.16 40.89	1.516	38.51	1.500	38.10	1.448	36.78	0.75	19.05
2.063	52.40	3.25	4.84	1.751	44.48	1.657	42.09	1.625	41.28	1.536	39.01	0.75	19.05
2 3/8	60.33	4.6 4.7	6.85 6.99	1.995	50.67	1.901	48.29	1.875	47.63	1.791	45.49	1.00	25.40
2 7/8	73.03	6.4 6.5	9.52 9.67	2.441	62.00	2.347	59.61	2.313	58.75	2.205	56.01	1.38	35.05
3 1/2	88.90	9.3 10.2	13.84 15.18	2.992 2.922	76.00 74.22	2.867 2.797	72.82 71.04	2.813 2.750	71.45 69.85	2.666 2.635	67.72 66.93	1.75	44.45
4	101.60	11	16.37	3.476	88.29	3.351	85.10	3.313	84.15	3.135	79.63	2.12	53.85
4 1/2	114.30	12.75	18.97	3.958	100.53	3.833	97.36	3.813	96.85	3.725	94.62	2.62	66.55
5	127.00	13	19.35	4.494	114.14	4.369	110.97	4.313	109.55	3.987	101.27	2.62	66.55
5 1/2	139.70	17	25.30	4.892	124.26	4.767	121.08	4.562	115.87	4.455	113.16	3.12	79.25