



PURPOSE

The Brace Tool R Landing Nipple is a selective landing nipple. It is run in the well on the completion tubing to provide a specific landing location for subsurface flow control equipment and features common internal profiles and used with heavy weight tubing.

The completion can include as many selective nipples with the same ID in any sequence as desired in the tubing string. This versatility results in an unlimited number of positions for setting and locking subsurface flow controls. The Brace R lock mandrel is run in the well via the R type running tool in either selective or non-selective depending on the application or position of the desired R nipple to be utilized.

Tubing								R Profile *				* For Heavy Tubing Weights	
Size		Weight		ID		Drift		Packing Bore		Lock Mandrel ID			
IN.	MM	LB/FT	KG/M	IN.	MM	IN.	MM	IN.	MM	IN.	MM		
1.900	48.26	3.64	5.42	1.500	38.10	1.406	35.71	1.375	34.93	0.62	15.75		
2 3/8	60.33	5.3	7.89	1.939	49.25	1.845	46.86	1.781	45.24	0.88	22.35		
		5.95	8.85	1.867	47.42	1.773	45.03	1.710	43.43	0.75	19.05		
		6.2	9.23	1.853	47.07	1.759	44.68	1.500	38.10	0.62	15.75		
		7.7	11.46	1.703	43.26	1.609	40.87						
2 7/8	73.03	7.9	11.76	2.323	59.00	2.229	56.62	2.188	55.58	1.12	28.45		
		8.7	12.95	2.259	57.38	2.165	54.99	2.125	53.98	0.88	22.35		
		8.9	13.24	2.243	56.97	2.149	54.58	2.000	50.80	0.88	22.35		
		9.5	14.14	2.195	55.75	2.101	53.37	1.875	47.03	0.88	22.35		
		10.4	15.48	2.151	54.64	2.057	52.25						
		11	16.37	2.065	52.45	1.971	50.06						
		11.65	17.34	1.995	50.67	1.901	48.29						
3 1/2	88.90	12.95	19.27	2.750	69.85	2.625	66.68	2.562	65.07	1.38	35.05		
		15.8	23.51	2.548	64.72	2.423	61.54	2.313	58.75	1.12	28.45		
		16.7	24.85	2.480	62.99	2.355	59.82	2.188	55.58	1.12	28.45		
		17.05	25.37	2.440	61.98	2.315	58.80						
4	101.60	11.6	17.26	3.428	87.08	3.303	83.90	3.250	82.55	1.94	49.28		
		13.4	19.94	3.340	84.84	3.215	81.66	3.125	79.38	1.94	49.28		
4 1/2	114.30	12.6	18.75	3.958	100.53	3.833	97.36	3.813	96.85	2.12	53.85		
		13.5	20.09	3.920	99.57	3.795	96.39	3.688	93.68	2.38	60.45		
		15.5	23.07	3.826	97.18	3.701	94.01	3.750	95.25	2.12	53.85		
		16.9	25.50	3.754	95.35	3.629	92.18	3.688	93.68	2.38	60.45		
		17	25.30	3.740	95.00	3.615	91.82	3.437	87.30	1.94	49.28		
		19.2	28.57	3.640	92.46	3.515	89.28	3.63	92.20	1.94	49.28		
								3.437	87.30	1.94	49.28		
5	127.00	15	22.32	4.408	111.96	4.283	108.79	4.125	104.78	2.75	69.85		
		18	26.79	4.276	108.61	4.151	105.44	4.000	101.60	2.38	60.45		
5 1/2	139.70	17	25.30	4.892	124.26	4.767	121.08	4.562	115.87	2.85	72.39		
		20	29.76	4.778	121.36	4.653	118.19	4.313	109.55	2.62	66.55		
		23	34.23	4.640	118.62	4.545	115.44						
6	152.40	15	22.32	5.524	140.31	5.399	137.13	5.250	133.35	3.50	88.90		
		18	26.79	5.424	137.77	5.299	134.59						
6 5/8	168.28	24	35.72	5.921	150.39	5.795	147.22	5.625	142.88	3.50	88.90		
		28	41.67	5.791	147.09	5.666	143.92						
7	177.80	17	25.30	6.538	166.07	6.431	163.35	5.963	151.46	3.75	95.25		
		20	29.76	6.456	163.98	6.331	160.81						
		23	34.23	6.366	161.70	6.241	158.52						
		26	38.69	6.276	159.41	6.151	156.24						
		29	43.16	6.184	157.07	6.059	153.90						
		32	47.62	6.094	154.79	5.969	151.61						
		35	52.09	6.004	152.50	5.879	149.33	5.875	149.23				