

N-32 Tension Set Service Packer

The N-32 Tension Set Service Packer is versatile heavy-duty packer designed for use in shallow applications where compression packers will not function. The N-32 along with the NSC unloader is used for testing, acidizing, squeeze cementing and fracturing operations. The packers' rugged design allows multiple set / unset / reset cycles to be performed on a single trip. The packer may be used with a retrievable bridge plug to test and or treat individual zones.

The N-32 packer has a right-hand rotation emergency release system allowing the slips to move away from the cone, releasing the packer.

The NSC Unloader is designed to allow equalization of the tubing and annulus when run with the N-32 Tension Packer. To close the unloader tension is pulled as the packer is set. To open the unloader, weight is set down on the packer allowing the unloader to open and equalize fluids. Specify stub acme bottom thread when ordering.

Features

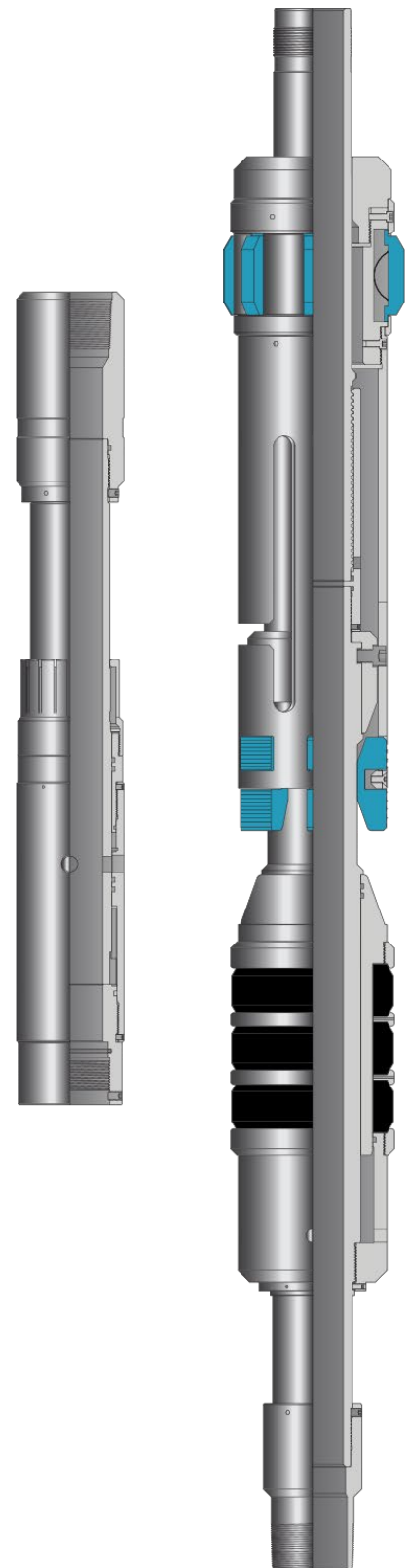
- Tension set, set down to release
- Bi-directional slips allow it to hold pressure from above or below
- Rugged construction allows multiple setting cycles in single trip
- Available in right-hand or left-hand set
- Full bore design
- Available in EUE or IF connections

Benefits

- Emergency right-hand rotation safety joint
- Run with NSC unloader to spot fluids to the packer
- May be run with NTU retrievable bridge plug

Applications

- Shallow testing & treating operations
- Acidizing
- Fracturing
- Squeeze Cementing



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Technical Data

CASING				PACKER			
SIZE in. (mm)	WEIGHT lb/kg	Min. in.(mm)	Max in.(mm)	Gauge O.D.	Min. I.D. In.(mm)	Standard Connection	Product Number
4.500 114,30	9.5 - 13.5	3.920	4.090	3.750	1.750	2.375"	620-45
	14,14 - 20,09	99,57	103,89	95,25	44,45		
5.000 127,00	18.0 - 20.8	4.156	4.276	3.969	1.750	2.375"	620-51
	26,78 - 30,95	105,56	108,61	100,81	44,45		
	11.5 - 15.0	4.276	4.560	4.125	1.750		
5.500 139,70	17,11 - 22,32	108,61	115,82	104,78	44,45	2.375"	620-57
	20.0 - 23.0	4.670	4.778	4.500	1.750		
	29,76 - 34,22	118,62	121,36	114,30	44,45		
	14.0 - 17.0	4.892	5.012	4.625	1.750		
	20,83 - 25,30	124,26	127,30	117,48	44,45		
6.625 168,28	14.0 - 17.0	4.892	5.012	4.625	2.125	2.875"	620-58
	20,83 - 25,30	124,26	127,30	117,48	53,98		
	28.0 - 35.0	5.575	5.791	5.375	2.125		
	41,66 - 52,08	141,61	147,09	136,53	53,98		
7.000 177,80	24.0 - 32.0	5.675	5.921	5.500	2.125	2.875"	620-67
	35,71 - 47,62	144,15	150,39	139,70	53,98		
	29.0 - 35.0	6.004	6.184	5.813	2.125		
	43,15 - 52,08	152,50	157,07	147,65	53,98		
	26.0 - 32.0	6.094	6.276	5.875	2.125		
7.625 193,68	38,69 - 47,62	154,79	159,41	149,23	53,98	2.875"	620-70
	17.0 - 26.0	6.276	6.538	6.000	2.125		
	25,30 - 38,69	159,41	166,07	152,40	53,98		
	33.7 - 39.0	6.625	6.765	6.453	2.125		
9.625 244,48	50,15 - 58,03	168,28	171,83	163,91	53,98	2.875"	620-75
	24.0 - 29.7	6.875	7.025	6.688	2.125		
	35,71 - 44,19	174,63	178,44	169,88	53,98		
10.750 273,05	43.5 - 53.5	8.535	8.755	8.250	2.750	4.500"	620-95
	64,73 - 79,61	216,79	222,38	209,55	69,85		
11.750 298,45	32.6 - 43.5	8.755	9.001	8.500	2.750	4.500"	620-96
	48,51 - 64,73	222,38	228,63	215,90	69,85		
	65.7 - 79.2	9.282	9.560	9.000	2.750		
	97,76 - 117,85	235,76	242,82	228,60	69,85		
13.375 339,73	55.5 - 60.7	9.660	9.760	9.375	2.750	4.500"	620-10A4
	82,58 - 90,32	245,36	247,90	238,13	69,85		
	32.75 - 51.0	9.850	10.192	9.625	2.750		
13.500 342,90	48,73 - 75,89	250,19	258,88	244,48	69,85	4.500"	620-10B
	65.0 - 80.5	10.406	10.682	10.125	2.750		
13.625 346,08	96,72 - 119,78	264,31	271,32	257,18	69,85	4.500"	620-11A
	42.0 - 60.0	10.772	11.084	10.250	2.750		
13.875 301,63	62,50 - 89,28	273,61	281,53	260,35	69,85	4.500"	620-11B
	71.8	10.565	10.855	10.250	2.750		
13.500 342,90	106,84	268,35	275,72	260,35	69,85	4.500"	620-11B
	77.0 - 102.0	11.899	12.275	11.625	2.750		
	114,58 - 151,78	302,23	311,79	295,28	69,85		
13.500 342,90	48.0 - 72.0	12.347	12.715	12.125	2.750	4.500"	620-13A
	71,42 - 107,14	313,61	322,96	307,98	69,85		
13.500 342,90	81.4	12.186	12.529	12.125	2.750	4.500"	620-13B
	121,12	309,52	318,24	307,98	69,85		
13.625 346,08	88.2	12.214	12.570	12.125	2.750	4.500"	620-13B
	131,24	310,24	319,28	307,98	69,85		