



**"32-A"**

### **32A Tension Service Tool**

The 32-A tension service tool is a heavy duty, tension set, retrievable service tool. The 32-A is suitable for testing, fracturing and cementing.

The emergency release system uses a right-hand rotation of the tubing string which relaxes the packing element system and allows the slips to retract from the lower cone. This allows the packer to be removed from the well.

The SC tension unloader is run in tandem with 32-A service tool and provides a equalize by-pass to minimize the swabbing effect on the packing elements while the packer is being run or retrieved.

### **Products Features**

- Holds pressure from above or below
- Full opening for tubing I.D. compatibility
- Bi-directional slips to secure service tool in place
- Right-hand rotational safety release

**To Set:** The 32-A service tool is run with the SC unloader above the tool, allowing equalization of the fluid levels while the running the tool to setting depth. To set the tool, pick up on tubing string and rotate 1/4 turn to the left (or right, if right-hand set) at the tool. Slack-off tubing weight while holding torque will allows the tool to take weight. Packing elements are not compressed and SC unloader is in the open position and circulations between tubing and annulus is possible. Tension is pulled to compress the packing element system and closes the unloader isolating tubing from annulus.

**To Release:** Slack-off tubing weight which will result in setdown weight on 32-A and open the SC unloader and establish communication between tubing and annulus. Rotate tubing string 1/4 turn to the right (or left if right-hand set) at the tool and pick-up on tubing while holding torque. The service tool will jay into the running slot and can be moved, reset or retrieved from the well. SC unloader should remain in the open position while packer is free.

**Emergency Release:** If service tool will not release using the normal procedure, right-hand rotation will release the safety joint. This will relax the packing elements and retract the slips from the cone allowing the service tool to be pulled from the well. The service tool must be pulled from the well and redressed before trying to reset service tool.

# MODEL "32-A" TENSION SERVICE TOOL

PRODUCT No. 631



## PAINTEARTH MODEL "32-A" TENSION SERVICE TOOL SPECIFICATION

CASING		CASING I.D. RANGE		O.D. OF TOOL	MIN. I.D.	THREAD CONNECTION
O.D.	WEIGHT	MIN.	MAX.			
4-1/2	9.5-13.5	3.910	4.090	3.750	2.000	2.375 EU8
114,30	14,4-16,37	99,31	103,9	95,25	50,8	60,33
5	18-21	4.156	4.276	4.000	2.000	2.375 EU8
127,0	26,78-	105,56	108,61	101,6	50,8	60,33
5	11.5-15	4.408	4.560	4.125	2.000	2.375 EU8
127,0	17,11-22,32	112,0	115,8	104,78	50,8	60,33
5-1/2	14-20	4.778	5.012	4.625	2.000	2.375 EU8
139,70	20,83-29,76	121,36	127,31	117,48	50,8	60,33
5-1/2	20-23	4.670	4.778	4.500	2.000	2.375 EU8
139,70	29,76-34,2	118,62	121,36	114,30	50,8	60,33
6	15-20	5.352	5.524	5.156	2.000	2.375 EU8
152,40	22,32-29,76	135,94	140,31	130,96	50,8	60,33
7	17-23	6.366	6.538	6.125	2.500	2.875 EU8
177,80	25,30-34,2	161,70	166,07	155,58	63,5	73,03
7	26-32	6.094	6.276	5.875	2.500	2.875 EU8
177,80	38,69-47-62	153,65	159,41	149,22	63,5	73,03
7-5/8	26.4-33.7	6.765	6.969	6.500	2.500	2.875 EU8
193,68	38,69-50,15	171,83	177,01	165,1	63,5	73,03
8-5/8	24-40	7.725	8.097	7.500	2.500	2.875 EU8
219,07	35,71-59,52	196,22	205,66	190,5	63,5	73,03
9-5/8	43.5-53.5	8.535	8.755	8.250	2.500	2.875 EU8
244,48	64,72-79,61	216,79	222,38	209,55	63,5	73,03
9-5/8	40-47	8.681	8.835	8.375	2.500	2.875 EU8
244,48	59,52-69,94	220,50	224,41	212,73	63,5	73,03
9-5/8	32.3-43.5	8.755	9.001	8.500	2.500	2.875 EU8
244,48	48,06-64,72	222,38	228,63	215,9	63,5	73,03

**NOTE:** Casing weights highlighted in Grey are available in 7.5k and 10k bores. Weights highlighted in Green are available in 7.5K only. Casing weights shaded and in WHITE text are currently unavailable.

RETRIEVABLE PRODUCTION PACKERS



[www.paintearthenergyservices.com](http://www.paintearthenergyservices.com)