

## NT & NT-1 Tension Packer

---

### NT Tension Packer

The NT Tension Packer is a tension set, single-grip, retrievable production packer. The packer is used for most low-pressure production, water injection and disposal well applications. The NT incorporates a safety release method to insure retrievability utilizing standard shear screws. The shear value of 2,000-lb. (2265-daN) per screw are easily adjustable in the field.

The NT Tension Packer is left-hand set, auto release packer. At setting depth, make last movement down, then rotate tubing to the left at the packer and pull tension to set the packer. To release, move the tubing down hole and the packer will automatically re-jay to run position. Secondary release - pull tension on the tubing above shear value of the release shear screws. The packer is a single grip tension packer and consideration must be taken regarding differential pressure to keep the packer operational.

### NT-1 Reciprocating Tension Packer

The NT-1 Reciprocating Tension Packer is a tension set, single-grip, retrievable production packer. The packer is used for most low-pressure production, water injection and disposal well applications. The NT-1 incorporates a safety release method to insure retrievability utilizing standard shear screws. The shear value of 2,000-lb. (2265-daN) per screw are easily adjustable in the field.

The NT-1 has a reciprocating J track making it ideal for use with coiled tubing applications. At setting depth, make last movement down, then pull tension to set the packer. To release, move the tubing down hole or pull tension on the tubing above shear value of the release shear screws. The packer is a single grip tension packer and consideration must be taken regarding differential pressure to keep the packer operational. See J-track, next page.

### Features

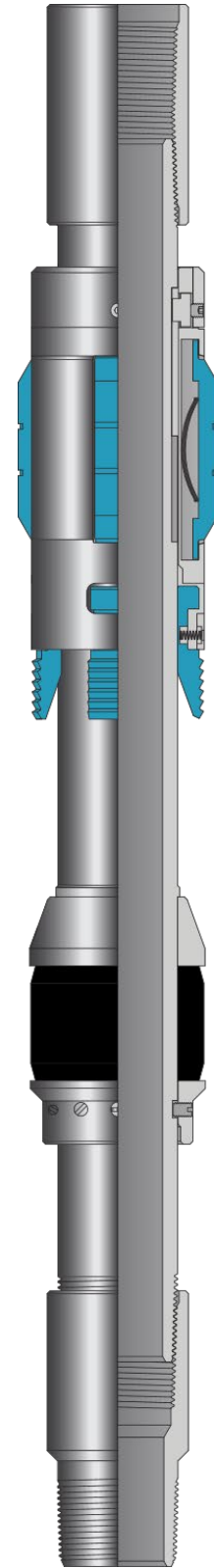
- Left-hand set, auto release
- Straight pull shear release
- NT-1 packer features Reciprocating Jay

### Benefits

- Simple quarter turn to set
- Economical

### Applications

- Low pressure production
- Injection
- Shallow wells



# NT & NT-1 Tension Packer

## Technical Data

CASING				PACKER				
SIZE in. (mm)	WEIGHT lb/kg	Min. in.(mm)	Max in.(mm)	Gauge O.D. In.(mm)	Min. I.D. In. (mm)	Connection	T Packer	T-1 Packer
2.875 73,03	6.4 - 6.5 9,52 - 9,67	2.441 62,00	2.441 62,00	2.200 55,88	0.750 19,05	1.900" NU 10 RD	20-306-0250	20-304-0250
3.500 88,90	7.70 - 10.20 11,46 - 15,18	2.992 76,00	3.068 77,93	2.810 71,37	1.000 25,40	1.900" NU 10 RD	20-306-0350	20-304-0350
4.500 114,30	9.5 - 13.5 14,14 - 20,09	3.920 99,57	4.090 103,89	3.750 95,25	1.933 49,10	2.375" EU 8 RD	20-306-0450	20-304-0450
5.500 139,70	23.0 34,22	4.578 116,28	4.766 121,06	4.500 114,30	1.933 49,10	2.375" EU 8 RD	20-306-0550	20-304-0550
	20.0 29,76	4.695 119,25	4.868 123,65	4.500 114,30	2.474 62,84	2.875" EU 8 RD	20-306-0560	20-304-0560
	15.5 - 17.0 23,06 - 25,30	4.892 124,26	4.950 125,73	4.620 117,35	1.933 49,10	2.375" EU 8 RD	20-306-0570	20-304-0570
	13.0 - 14.0 19,34 - 20,83	5.012 127,30	5.044 128,12	4.620 117,35	2.474 62,84	2.875" EU 8 RD	20-306-0580	20-304-0580
6.625 168,28	28.0 - 32.0 41,66 - 47,62	5.675 144,15	5.791 107,09	5.440 138,18	2.474 62,84	2.875" EU 8 RD	20-306-0650	20-304-0650
	20.0 - 24.0 29,76 - 35,71	5.921 150,39	6.049 153,64	5.750 146,05	2.474 62,84	2.875" EU 8 RD	20-306-0700	20-304-0700
7.000 177,80	23.0 - 38.0 34,22 - 56,54	5.920 50,37	6.366 161,70	5.750 146,05	2.474 62,84	2.875" EU 8 RD	20-306-0700	20-304-0700
	17.0 - 20.0 25,30 - 29,76	6.456 163,98	6.538 166,07	6.000 152,40	2.474 62,84	2.875" EU 8 RD	20-306-0710	20-304-0710
7.625 193,68	33.7 - 39.0 50,15 - 58,03	6.625 168,28	6.765 171,83	6.450 163,83	2.474 62,84	2.875" EU 8 RD	20-306-0750	20-304-0750
	24.0 - 29.7 35,71 - 44,19	6.875 174,63	7.025 178,44	6.670 169,42	2.474 62,84	2.875" EU 8 RD	20-306-0760	20-304-0760
9.625 244,48	47.0 - 53.5 69,94 - 79,61	8.535 216,79	8.681 220,50	8.250 209,55	4.000 101,60	4.500" EU 8 RD	20-306-0950	20-304-0950
	32.3 - 43.50 48,06 - 64,73	8.755 222,38	9.001 228,63	8.500 215,90	4.000 101,60	4.500" EU 8 RD	20-306-0960	20-304-0960

### NT-1 Reciprocating Tension Packer J-Track

1. Run in the wellbore.
2. Pick-up on tubing.
3. Slack off on tubing.
4. Pull tension to set the packer.

