

MODEL T ANCHOR

PRODUCT 20-306, 20-307

The **TechWest Model T Anchor** is a Model T Packer that is readily converted for use as a Tubing Anchor by replacing the Element with an Element Spacer.

The TechWest T Anchor (Tension: Product 20-306 and Compression: Product 20-307) are resettable, compact, economical packers for use in shallow production or injection installations.

The Anchor features an adjustable shear type Safety Release System which may be used to release the packer. The Shear Release System is located below the packing element with standard factory set shears.

A *High-Flow* variation of the Model T Anchor is available with slots machined into the Drag body and Element Cone to increase the cross-sectional flow area past the Packer. This design feature reduces frictional losses when pumping or flowing past the packer, allowing for flow higher rates.

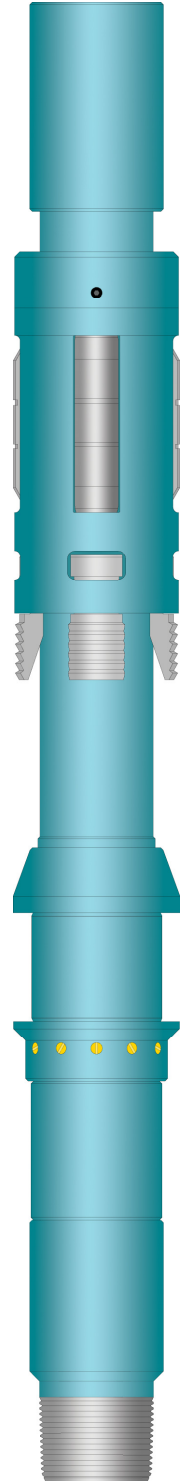
FEATURES

- Resettable, compact design with minimal parts.
- Straight motion release
- Safety back-up shear release (can be adjusted to non-shear release).

OPERATION

Run to the desired setting depth. Make a $\frac{1}{4}$ turn to the right at the tool. Apply tension to the packer causing the slips to fully engage with the casing.

To release the packer simply remove tension and lower the tubing. The Jay mechanism will auto rotate back into the running position and the packer may now be moved up or down hole. If unable to normally unset the packer the packer contains an emergency shear release.



SPECIFICATION GUIDE - T Packer Series (20-302, 304, 306, 307)																
CASING					PACKER											
OD	WEIGHT		ID		OD		MIN ID		Connection	Product No						
	lb / ft	kg / m	in	mm	in	mm	in	mm								
2 3/8 50.8	4.7	7.0	1.995	50.7	1.81	46.0	0.378	9.6	1.000 NPT	20-302/4/5/6/7-0200						
2 7/8 73	6.5	9.7	2.441	62.0	2.20	55.9	0.750	19.1	1.500 NPT	20-302/4/5/6/7-0250						
	6.4	9.5	2.441	62.0												
3 1/2 88.9	10.2	15.2	2.992	76.0	2.81	71.4	1.380	35.05	1.500 NPT	20-302/4/5/6/7-0350						
	7.7	11.5	3.068	77.9												
4 1/2 114.3	15.1	22.6	3.826	97.2	3.50	88.9	1.610	40.89	1.900 EUE	20-302/4/5/6/7-0440						
	13.5	20.1	3.920	99.6												
4 1/2 114.3	11.6	17.3	4.000	101.6	3.80	96.5	1.940	49.1	2 3/8 EUE	20-302/4/5/6/7-0450						
	9.5	14.1	4.090	103.9												
	26	38.7	4.548	115.5							4.41	111.9	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0530
	23	34.2	4.670	118.6												
5 1/2 139.7	23	34.2	4.670	118.6	4.45	113.0	1.995	50.67	2 3/8 EUE	20-302/4/5/6/7-0540						
	23	34.2	4.670	118.6	4.45	113.0	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0550						
	20	29.8	4.778	121.4						4.50	114.3	20-302/4/5/6/7-0560				
	17	25.3	4.892	124.3	4.625	117.3				20-302/4/5/6/7-0580						
	13	19.3	5.044	128.1												
	5 3/4 146.0	24.2	36.0	4.910	124.7	4.728				120.1	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0600		
22.5		33.5	4.990	126.7												
19.5		29.0	5.090	129.3	4.823	122.5	20-302/4/5/6/7-0610									
17		25.3	5.190	131.8												
6 5/8 168.3	32	47.6	5.675	144.1	5.44	138.2	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0650						
	28	41.7	5.791	147.1												
	24	35.7	5.921	150.4	5.750	146.1				20-302/4/5/6/7-0700						
	20	29.8	6.049	153.6												
7 177.8	32	47.6	6.940	154.8	5.750	146.1	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0700						
	29	43.2	6.184	157.1												
	26	38.7	6.276	159.4	6.00	152.4				20-302/4/5/6/7-0710						
	17	25.3	6.538	166.1												
7 5/8 193.7	39	58.0	6.625	168.3	6.45	163.8	2.441	62.84	2 7/8 EUE	20-302/4/5/6/7-0750						
	33.7	50.2	6.765	171.3												
	29.7	44.2	6.875	174.6	6.67	169.5				20-302/4/5/6/7-0760						
	24	35.7	7.025	178.4												
9 5/8 244.4	53.5	79.6	8.535	216.8	8.25	209.6	4.000	101.6	4 1/2 EUE	20-302/4/5/6/7-0950						
	47	69.9	8.681	220.5												
	43.5	64.7	8.755	222.4	8.50	215.9				20-302/4/5/6/7-0960						
	32.3	48.1	9.001	228.6												