

## BA Tubing Anchor Catcher

The BA acts as a tubing anchor to maintain tension in the tubing string and as a tubing catcher to prevent parted pipe from falling to the bottom of the well. The BA is used in most rod pumping applications where it is important to maintain tension in the tubing.

### Special Features

- Rotate left to set, right to release
- Straight pull emergency shear release
- Increases pump efficiency
- Improves operating costs by reducing maintenance and down time caused by tubing or sucker rod wear
- Parts interchangeable with other manufacturers

### Setting Procedure

At the desired setting depth, rotate the tubing to the left with hand wrenches until the slips contact the casing (approximately five to eight turns). Maintain left hand torque while alternately pulling strain and setting down several times to work all the slack out of the tool.

### Releasing Procedure

With tubing in slight compression, rotate the tubing to the right (five to eight turns at the tool) to retract the cones from the slips and allow the slips to move back into the housing. To insure a complete release, reciprocate the tubing string a few feet while rotating a few more turns to the right before starting out of the hole. If normal release is not possible, an upstrain greater than the total shear strength of the shear pins plus the weight of the tubing.

### Specification Guide

Casing				Anchor		Base Product Number
O.D.	Weight lb/ft	Min I.D.	Max I.D.	Max O.D.	Standard Thread Connections	
4½	9.5 - 13.5	3.920	4.090	3.750	2¾ EU 8RD	43BA-A
5	11.5 - 18.0	4.276	4.560	4.000	2¾ EU 8RD	43BA-B
5½	13.0 - 23.0	4.670	5.044	4.500	2¾ EU 8RD or 2¾ EU 8RD	45BA-A
6	18.0 - 23.0	5.240	5.424	4.812	2¾ EU 8RD or 2¾ EU 8RD	45BA-B
6¾	17.0 - 32.0	5.675	6.135	5.500	2¾ EU 8RD or 2¾ EU 8RD	47BA-A
7	20.0 - 38.0	5.920	6.456	5.500	2¾ EU 8RD or 2¾ EU 8RD	47BA-A
7	17.0 - 20.0	6.456	6.538	6.250	2¾ EU 8RD or 2¾ EU 8RD	47BA-B
7¾	20.0 - 39.0	6.625	7.125	6.250	2¾ EU 8RD or 2¾ EU 8RD	47BA-B
6¾	17.0 - 32.0	5.675	6.135	5.500	3½ EU 8RD	47BA X 3.00
7	17.0 - 38.0	5.920	6.538	5.500	3½ EU 8RD	47BA X 3.00
8¾	24.0 - 49.0	7.511	8.097	7.000	3½ EU 8RD	49BA
9¾	32.3 - 47.0	8.681	9.001	8.000	3½ EU 8RD	51BA

