



Silver Fox

PRODUCT CATALOG

CATALOG V2201

7

ANCHOR CATCHERS

SC-1 (LHS - RHS).....	7.2
ASC-1 (1/4 TURN)	7.3

Anchor Catchers are devices used to anchor the tubing string to the casing at a desired depth. By design they are used to maintain tension in the tubing string during the pump cycle while simultaneously catching and preventing any parted pipe from falling into the well. When set with proper tension to overcome both breathing and buckling, the Anchor Catcher effectively cuts operating cost incurred from excessive rod, tubing, and casing wear, while also increasing production by lengthening the effective stroke of the pump, thereby increasing volumetric efficiency. They are most commonly used in rod pumping applications where maintaining tubing tension is necessary.

WHY USE AN ANCHOR CATCHER?

Rod pumping with the tubing hanging free causes the following problems:

- Excessive wear of the rods, tubing, casing, and pump
- Reduced pumping efficiency
- Increased operating costs such as increased requirements of power consumption
- Tubing buckling due to piston effects like breathing (or referred to as plugging), buoyancy and ballooning effects

LOCATIONS

229 CLEARVIEW DRIVE,
RED DEER COUNTY, ALBERTA, CANADA
PH: 403-342-1640

5820 FM 455
SANGER, TEXAS, USA
PH: 940-458-3550

2101 W 37TH ST
ODESSA, TEXAS, USA
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833-575-8665 (CANADA & USA)

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ANCHOR CATCHERS

SC-1 (LHS - RHS)



Model SC-1 Drag Block Anchor Catchers are used to allow the placement of tubing in tension. Vertical tubing movement is prevented, which in turn lessens sucker rod tubing wear. Their small OD and large ID permit larger volume production capacities. These fully retrievable tools can be easily adjusted for emergency release by adding or removing shear pins.

FEATURES:

- Standard Left Hand Set
- Sets securely in any hardness casing, including premium grades
- Bi-directional wicker slips give optimal casing grip preventing movement of tubing
- Large Bore - Small OD, allows quick running and retrieval
- Right Hand Release or Emergency Shear Release
- Adjust shear release in 5,000lb increments
- Once Anchor has been sheared, slips disengage and completely retract

OPTIONAL:

- Right Hand Set
- NickelCote™, Nylon Protective coatings available
- Carbide Slips and Drag Blocks

SC-1		CASING		TOOL SIZE	
OD	THREAD	WT (T&C)	SETTING RANGE	OD	ID
MM	MM	KG/M	MM	MM	MM
IN	IN	LBS/FT	IN	IN	IN
114.3	60.3	14.14 - 20.09	99.57 - 103.89	95.25	49.3
4-1/2	2-3/8	9.5 - 13.5	3.920 - 4.090	3.750	1.94
139.7	73.0	19.34 - 25.30	124.26 - 128.12	114.30	62.0
		13.0 - 17.0	4.950 - 5.044	4.50	2.44
168.3	73.0	25.30 - 34.23	118.26 - 124.26	114.30	62.0
		17.0 - 23.0	4.670 - 4.778	4.50	2.44
177.8	73.0	29.76 - 35.71	150.39 - 153.64	146.05	62.0
		20.0 - 24.0	5.921 - 6.049	5.75	2.44
7	2-7/8	25.30 - 38.69	159.41 - 166.07	146.05	62.0
		17.0 - 26.0	6.276 - 6.538	5.75	2.44
	3-1/2	38.69 - 47.62	154.79 - 159.41	146.05	62.0
		26.0 - 32.0	6.094 - 6.276	5.75	2.44
88.9	3-1/2	25.30 - 38.69	159.41 - 166.07	146.05	76.2
		17.0 - 26.0	6.276 - 6.538	5.75	3.00
38.69 - 47.62	3-1/2	26.0 - 32.0	6.094 - 6.276	146.05	76.2
				5.75	3.00



ANCHOR CATCHERS

ASC-1 (1/4 TURN)

COMING SOON

Silver Fox recognized the opportunity to design a 1/4 turn anchor that overcomes the obstacle of 6-8 rotations to set and release. However, Silver Fox did not want to disregard what has been so prominently working in the SC-1 design. Rather, they sought to borrow from both the AS1-X and the SC-1 designs by taking the specific components from each and applying them successfully together. With the end result providing a compact tool, the naming of it as **ASC-1** only seems befitting. The ASC-1 Drag Block mechanically set double grip anchor is designed for extreme durability with focus on extending wellbore reach well into the horizontal leg.

This anchor is suited for treating, testing, injecting, pumping wells, and flowing wells deep or shallow. Some of the basic parts are common with AS1-X and the SC-1 allowing potential redress both convenient and quick.

The double grip nature of the anchor allows it to be set in tension or compression, depending on well conditions. The J-Slot design allows easy setting and releasing; 1/4" turn right-hand set, right-hand release. This anchor is also equipped with a straight pickup emergency shear release.

FEATURES:

- *Based on proven AS1-X Packer & SC-1 designs*
- *Sets securely in any hardness casing, including premium grades*
- *Drag Blocks for optimal setting and releasing control*
- *Field Adjustable Emergency Shear Release*