

Magnus Hydraulic Tubing Anchor Catcher

The Hydraulic Tubing Anchor is a hydraulically-activated retrievable anchor designed to hold the tubing string in tension or compression. The Hydraulic Tubing Anchor catcher prevents movement of the tubing during pumping strokes and holds it stationary if it should part. The use of a tubing anchor increase pump efficiency, reduces rod and tubing wear, and keeps tubing and rods from falling into the well in case of a part. The Hydraulic Tubing Anchor is operated by applying pressure to the tubing. This pressure shears screws that hold the anchor unset. A setting piston drives the slips set while locking the setting force in place. The Hydraulic Tubing Anchor utilizes specially designed slips - heat-treated steel alloy double-acting slips for maximum holding power in tension or compression. Slips are fully enclosed for extra breakage resistance and will be retained if slips break. The Hydraulic Tubing Anchor is retrieved by shearing screws with tension. Shear pins are added in 5,000 lbs increments to achieve the desired shear value necessary to release.



Magnus Hydraulic Tubing Anchor Catcher Product Specifications

Casing		Recommended Hole Size (inches)	Tool OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down
Size (inches)	Weight (lbs/ft)				
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	1.94	2-3/8 EUE
5	11.5 - 15.0	4.408 - 4.560	4.125	1.94	2-3/8 EUE
	18.0 - 21.0	4.154 - 4.276	4.000	1.94	2-3/8 EUE
5-1/2	13.0 - 23.0	4.670 - 5.044	4.500	2.44	2-7/8 EUE
7	17.0 - 32.0	6.094 - 6.538	5.750	3.00	3-1/2 EUE
				3.88	4-1/2 EUE