



# *MultiCatch™ Whipstock Anchor*

The innovative high-expansion *MultiCatch* whipstock anchor provides unmatched operational flexibility and risk mitigation capability. This versatile device can anchor and interchange with all Weatherford concave assemblies that lock to the casing wall for window milling operations. Mechanically or hydraulically actuated, the *MultiCatch* anchor can catch multiple casing sizes and weights. This capability eliminates hazards posed by unknown or multiple casing weights in a wellbore, or by casing IDs that have changed as a result of wall loss from wear and tear.

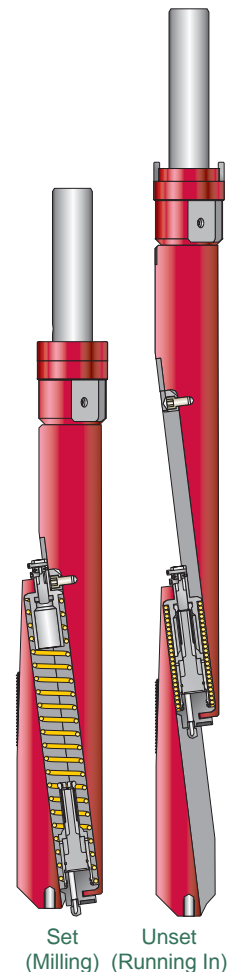
The wide catch range and anchoring ability of the *MultiCatch* anchor provides access in extended-reach-drilling (ERD) and brownfield wells, where legacy technology does not allow safe pursuit of bypassed or behind-pipe reserves.

## *Applications*

- Platforms for all casing exit and multilateral installations
- Wells with multiple string weights or wellbore restrictions
- ERD wells with high casing-wall loss
- Brownfield re-entry candidates
- Horizontal installations or wells with high dogleg severity (DLS)
- Multilateral installations in which setting and retrieval success is imperative

## *Features, Advantages and Benefits*

- The *MultiCatch* anchor has increased anchoring capabilities. One anchor size is able to catch multiple casing sizes rather than being limited to, or dependent on, a single specific casing ID. This versatility also reduces risk by providing more leeway when dealing with wellbore obstructions or restrictions.
- Mechanical or hydraulic actuation modes allow for complete well control while circulating and logging or during measurement-while-drilling orientation. The hydraulic mode does not require a false bottom, thus avoiding the cost of a bridge-plug installation.
- Simple, robust, rugged design delivers superior radial anchoring performance for increased torque requirements when exits are installed in highly compressive, tough-to-drill formations.
- The anchor is interchangeable with all Weatherford concave profiles in all casing offerings for the ultimate in functionality and adaptability.
- Simplicity of design reduces installed costs.





## MultiCatch™ Whipstock Anchor

### Specifications

Casing		Whipstock OD (in./mm)	MultiCatch Anchor						
OD (in./mm)	Weight (lb/ft, kg/m)		Running OD (in./mm)	Maximum Torque (ft-lb/N·m)	Mechanical Shear (lbf/daN)	Running Length		Overpull	
						With QuickChange™ Sub (ft/m)	Without QuickChange Sub (ft/m)	To Release Anchor (lbf/daN)	To Shear Concave (lbf/daN)
4-1/2 114.3	9.5 to 15.1 14.1 to 22.5	3-1/2 88.9	3-1/2 88.9	5,000 6,779	3,900 1,735	4.9 1.5	3.2 1.0	10,000 4,448	60,000 26,688
5 127.0	18.0 to 23.2 26.8 to 34.5								
5-1/2 139.7	14.0 to 17.0 20.8 to 25.3	4-1/2 114.3	5-1/4 133.3	10,000 13,558	13,500 6,005	6.5 2.0	4.4 1.3	14,000 6,227	100,000 44,480
	20.0 to 23.0 29.8 to 34.2	4-1/4 108.0							
5-3/4 146.1	17.6 to 21.5 26.2 to 32.0	4-1/2 114.3							
6-5/8 168.3	17.0 to 20.0 25.3 to 29.8	5-1/2 139.7							
	24.0 to 32.0 35.7 to 47.6	5-1/4 133.3							
7 177.8	17.0 to 35.0 25.3 to 52.1	5-1/2 139.7							
	38.0 56.6								
7-5/8 193.7	20.0 to 29.7 29.8 to 44.2	6-1/4 158.7							
	33.7 to 39.0 50.1 to 58.0	6 152.4							



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### Specifications (continued)

Casing		Whipstock OD (in./mm)	MultiCatch Anchor						
OD (in./mm)	Weight (lb/ft, kg/m)		Running OD (in./mm)	Maximum Torque (ft-lb/N·m)	Mechanical Shear (lbf/daN)	Running Length		Overpull	
						With QuickChange™ Sub (ft/m)	Without QuickChange Sub (ft/m)	To Release Anchor (lbf/daN)	To Shear Concave (lbf/daN)
9-5/8 244.5	32.3 to 58.40 48.1 to 86.9	8 203.2	7 177.8	20,000 27,116	13,500 6,005	7.7 2.3	6.1 1.9	18,000 8,006	125,000 55,600
10-3/4 273.1	32.75 to 65.7 48.7 to 97.8	9 228.6							
11-3/4 298.5	38.0 to 60.0 56.5 to 89.3	10 254.0	10 254.0	20,000 27,116	13,500 6,005	11.9 3.6	9.1 2.8	20,000 8,896	150,000 66,720
13-3/8 339.7	48.0 to 72.0 SD 71.4 to 107.1 SD	11-1/2 292.1							
16 406.4	55.0 to 84.0 81.8 to 125.0	14 355.6	14 355.6	85,000 115,245	25,000 11,120	14.6 4.5	N/A*	30,000 13,344	150,000 66,720
18-5/8 473.1	78.0 to 94.5 116.1 to 140.6	17 431.8							
20 508.0	90.0 to 187.0 133.9 to 278.3								

\*No QuickChange feature. Shear-out is integral to the anchor body.