MultiCatch[™] Anchor Slips for High-Tensile Casing

Increases penetration into the casing wall to provide a superior grip on the inside diameter of high-tensile casing strings

Applications

- · All casing-exit and multilateral installations
- · Wells with multiple string weights or wellbore restrictions
- Wells with high-strength, high-collapse casing
- Extended-reach wells
- Brownfield re-entry wells
- Horizontal wells or wells with high dogleg severity
- Wells with scale, paraffin, or other buildup

Features and Benefits

- The anchor slips catch casing of multiple weights and sizes.
- The durable slips balance tooth hardness with core toughness.
- The proprietary wicker design increases wicker penetration into high-strength, high-collapse casing.
- To suit specialty, high-scale applications, the slips are capable of handling 51% more scale than previous Weatherford slip designs.
- The slips have tested to 300 kip (1,334.5 kN) of down force. This test load is more than seven times the setting load seen in typical operations.

Tool Description

Used with the Weatherford MultiCatch whipstock anchor as part of sidetracking operations, the MultiCatch anchor slips provide a superior grip on casing that enhances casing-wall contact during milling operations. This capability mitigates hazards associated with unknown or variable casing weights in a wellbore, or casing diameters that may have changed as a result of scale buildup or casing-wall loss over time.



The MultiCatch anchor slips, shown installed on the MultiCatch whipstock anchor, feature a proprietary wicker design that enhances the grip on casing by means of increased wicker penetration into the casing wall.



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Specifications

| Casing | | | MultiCatch Anchor | | | | | | |
|-----------------------------|--|---------------------|---------------------|----------------------------|---------------------------|-----------------------------|-------------------------------|------------------------------|--------------------------------|
| Outside Diameter (OD) | Weight | Whipstock OD | Running OD | Maximum Torque | Mechanical Shear | Running Length | | Overpull | |
| | | | | | | With QuickChange™ Sub | Without QuickChange Sub | To Release Anchor | To Shear Conclave |
| 9-5/8 in. (244.5 mm) | 32.3 to 58.4 lb/ft (48.1 to 86.9 kg/m) | 8 in. (203.2 mm) | 7 in. (177.8 mm) | 20,000 lbf (27,116 N·m) | 13,500 lbf (6,005 daN) | 7.7 ft (2.3 m) | 6.1 ft (1.9 m) | 18,000 lbf (8,006 daN) | 125,000 lbf (55,600 daN) |
| 10-3/4 in. (273.1 mm) | 32.7 to 65.7 lb/ft (48.7 to 97.8 kg/m) | 9 in. (228.6 mm) | | | | | | | |



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