



## *Shallow-Angle QuickCut™ Retrieval Hook*

Weatherford's shallow-angle *QuickCut* retrieval hook was developed exclusively for 2° casing exit systems. This unique hook has the same matching lug-to-keyway profile that has made Weatherford's standard and *QuickCut* hooks the preferred retrieval tools, based on field success.

New hook geometry provides the increased pulling capacity required for the retrieval of an assembly set in a wellbore for an extended period of time, as well as for the removal of a permanent installation where quick-change functionality can be used.

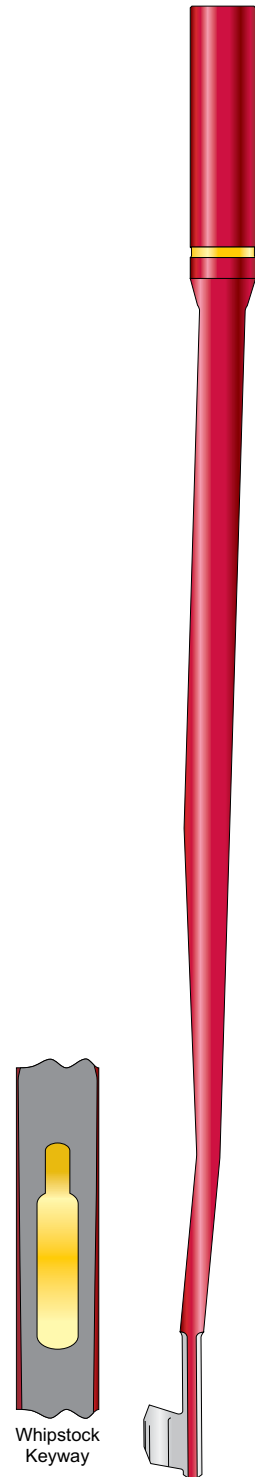
The longer mandrel body of the shallow angle hook prevents tool-joint interference at the whipstock top, while maintaining the strength and reliability of the tool.

### *Applications*

- Primary retrieval of a 2° shallow-angle *QuickCut* whipstock assembly before or after milling
- Retrieval of a *QuickCut* casing exit casing exit system system of the same size
- Retrieval of wellbore restrictions

### *Features, Advantages and Benefits*

- The longer body mandrel prevents interference with the tool joint on top of the whipstock, thus ensuring correct engagement of the hook in the whipstock, while reducing the risks of costly, time-consuming, and non-productive operational challenges.
- The box tool joint enables direct attachment to a specified string member, reducing the need for multiple connections of pin-up profiles.
- Since the shallow-angle *QuickCut* system employs new hook geometry, it increases tensile loading when jarring operations are engaged.
- Jet nozzles can remove debris and position the hook, enabling the robust system to continue operating without additional cleaning trips, even if debris is present.





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### *Specifications*

Casing		Whipstock OD (in./mm)	Retrieval Hook			API Box Connection (in.)
Size (in./mm)	Weight (lbm/ft, kg/m)		J.D. Edwards Part	Length (in./m)	Maximum Pull Capacity (lbf/N)	
7 177.8	20.0 to 35.0 29.8 to 52.1	5-1/2 139.7	230358	89.5 2.3	210,000 934,127	3-1/2 IF
9-5/8 244.5	43.5 to 53.5 64.7 to 79.6	8 203.2	290904	140.5 3.6		4-1/2 IF
10-3/4 273.1	32.75 to 65.7 48.7 to 97.8	9 228.6	792340	133.2 3.4	350,000 155,400	6-5/8 Reg.
11-3/4 298.5	38.0 to 60.0 56.6 to 89.3	10 254.0				
13-3/8 339.7	48.0 to 72.0 71.4 to 107.1	11-1/2 292.1	724072	111.3 2.8		