



# *WC-Series Tandem-Cone Mechanical-Set (WCTM) Liner Hanger*

Weatherford's WCTM liner hanger is a mechanical-set liner hanger that does not compromise on performance. Unlike competitors' liner hangers, the WCTM hanger features tandem cones that are wire-locked to the body, rather than welded, and has six slips per cone. (Similar competitors' products feature three slips per cone.) The WCTM hanger is ideal for liners that do not have to be reamed or drilled down.

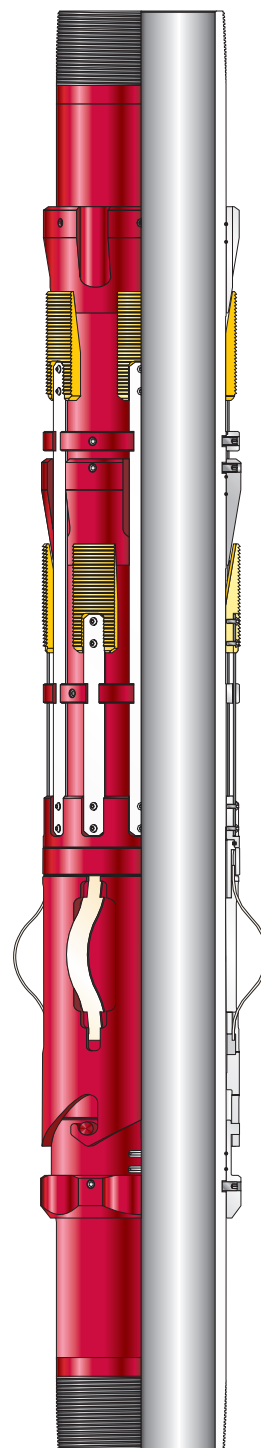
Manipulating the string at the WCTM hanger by picking up and rotating it at least one-sixth of a turn to the right activates it. Setting weight on the WCTM hanger sets it, forcing the slips into the host casing.

## *Applications*

The WCTM hanger can be used for any liner that is not run in a deep and/or highly deviated well and does not have to be reamed or drilled down.

## *Features, Advantages and Benefits*

- External components are wire-locked onto the body rather than welded, leaving their chemical and mechanical properties unaltered and thereby preserving the performance capability of the WCTM liner hanger.
- The design of tandem cones, each with six carburized slips, results in a more robust liner hanger, enabling the support of extreme loads comparable to competitors' premium hangers. Most competitive hangers on the market feature cones with only three slips—a design that causes forces to triangulate, which can lead to hanger failure and can damage the host casing.
- The WCTM hanger can be easily unset with straight overpull, enabling the resetting of the liner hanger as required.



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## *WC-Series Mechanical-Cone Hydraulic-Set (WCTM) Liner Hanger*

### *Features, Advantages and Benefits (continued)*

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- The free-rotating drag cage protects the drag springs from damage if the hanger is activated by more turns than required, enabling the hanger to function as designed.
- One WCTM hanger can be set inside host casings of the same size with varying weights, providing operational flexibility.
- Longitudinal fluid-bypass channels in the cone increase annular flow areas, enabling high circulation rates.

### *Specifications*

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For more information on the WCTM liner hanger, contact an authorized Weatherford representative.

### *Options*

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- Standard metallurgies in most sizes are L-80 and P-110 (125 KSI); other metallurgies are available upon request.
- Standard connection is VAM TOP® in most sizes; other connections are available upon request.

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