



Mechanical Collar Locator Profile Sub

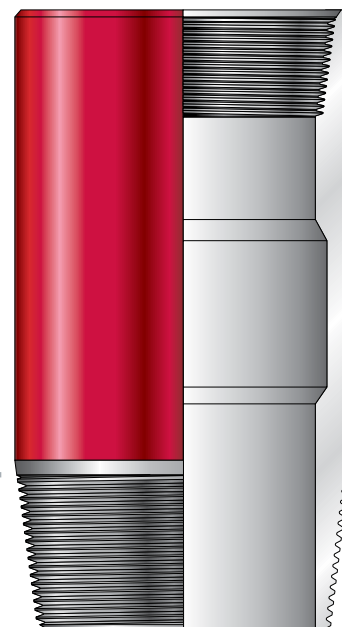
Weatherford's mechanical collar locator profile sub is a special casing sub that enables accurate depth determination when used with straddle acidizing tools and collar logs for placing packers, plugs, and cement retainers. The sub is designed to make up a standard API-threaded casing or premium-threaded casing.

Applications

- Setting of predetermined depth correlations
- Horizontal and vertical well applications with premium-thread connections (when used with a mechanical collar locator)

Features, Advantages and Benefits

- The sub enables accurate depth determination, providing a simple and reliable method for setting predetermined depth correlations.
- The ID of the profile sub matches that of the casing, eliminating an ID restriction to hinder life-of-the-well intervention operations.
- The profile sub is located with a mechanical collar locator, enabling weight to be set down for positive depth correlation of service tools and ensure intervention success.
- Multiple profile subs can be run in a single casing string, enabling the operation of multiple pieces of equipment (such as other inflatable packers or mechanical port collars).





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Specifications

Assembly Size (in./mm)	Maximum OD (in./mm)	Minimum ID (in./mm)	Profile ID (in./mm)	Overall Length (in./mm)
4-1/2 114.30	5.00 127.00	According to casing weight	4.38 111.25	16.50 419.00
5 127.00	5.56 141.22	According to casing weight	4.69 119.13	17.50 444.50
5-1/2 139.70	6.05 153.67	According to casing weight	5.31 134.87	19.00 482.60
7 177.80	7.66 194.56	According to casing weight	6.63 168.50	19.50 495.30

Options

Connectors are available with standard API or premium casing thread for use in various applications.