



Mechanical Collar Locator

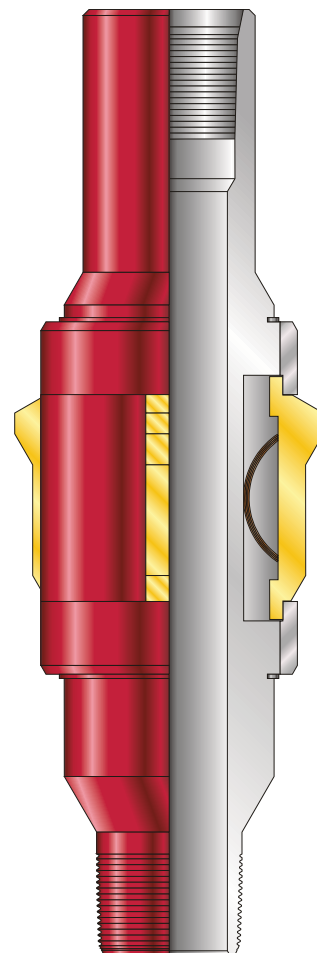
Weatherford's mechanical collar locator is a special tubing sub with indexing drag blocks that indicate casing collar locations as the sub is run into or out of the hole. The tool enables accurate depth determination when used with straddle acidizing tools and collar logs for placing packers, plugs, and cement retainers.

Applications

- Provides a simple, reliable method of locating casing collars with the tubing string for correlation purposes
- Can be used with a mechanical collar locator sub in horizontal and vertical well applications with premium thread connections

Features, Advantages and Benefits

- The locator can be configured to indicate collars as it is run into or out of the hole, providing operational flexibility.
- Rugged construction gives the locator adequate strength to withstand side loadings and indicate collar location, proving reliability even in high-angle and horizontal wells.
- The mechanical collar locator shows positive service-tool positioning in relation to the ports of an inflatable packer or a mechanical port collar, enabling proper inflation or cementing.



Specifications

Casing				Indicator Block Travel		Tool Body		
OD (in./mm)	Weight (lb/ft, kg/m)	Minimum OD (in./mm)	Maximum OD (in./mm)	Minimum (in./mm)	Maximum (in./mm)	Maximum OD (in./mm)	Minimum ID (in./mm)	Standard Thread Connections (in.)
4-1/2 114.30	9.5 to 13.5 4.3 to 6.1	3.920 99.57	4.090 103.89	3.750 95.25	4.240 107.70	3.750 95.25	2.000 50.80	2-3/8 (EU 8rd)
5 127.00	11.5 to 18.0 5.2 to 8.1	4.276 108.61	4.560 115.82	4.040 102.62	4.690 119.13	3.750 95.25	2.000 50.80	2-3/8 (EU 8rd)
5-1/2 139.70	13.0 to 23.0 5.8 to 10.4	4.670 118.62	5.044 128.12	4.440 112.78	5.320 135.13	4.120 104.65	2.000 50.80	2-3/8 (EU 8rd)
7 177.80	17.0 to 38.0 7.7 to 17.2	5.920 150.37	6.538 166.07	5.500 139.70	6.630 168.40	5.500 139.70	2.500 63.50	2-3/8 (EU 8rd)