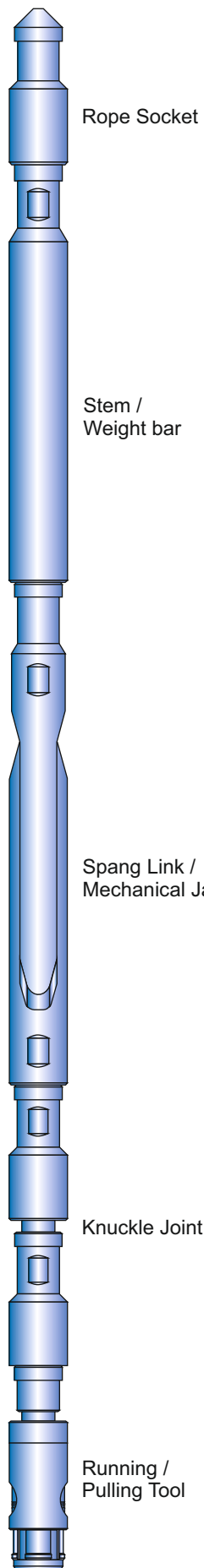


WIRELINE TOOL STRING



The Wireline Tool String is necessary for the efficient surface control during the running and pulling operations on wireline / slickline of sub surface controlled devices.

An assembly of wireline tools connected to the wireline is used to deliver surface controlled impacts (jar action), either upwards or downwards, to manipulate devices within the well bore.

A standard set of the tool string typically consist of :

Rope Socket for attaching the wireline to the tool string.

Stem / Weight Bar for adding weight to sink the tool in the well bore against the well pressure and different gravity fluids encountered.

Spang Link / Mechanical Jar for securing the hammering effect by upward or downward movement.

Knuckle Joint for obtaining flexibility through the tool string.

Running / Pulling Tool for running and retrieving devices from the well bore.

All tools are available with the following as per the customer's requirements:

- Sucker Rod Threads
- UN Threads
- Quick Lock Connection

Sucker rod threads are machined on the tools as per API 11B.

UN threads are also machined on the tools and are interchangeable with sucker rod threads but are shorter in length.

A quick lock connector as the name suggest is a quick connect and quick disconnect connection, which is used in place of screwed connection. It has many advantages over screwed connection:

- It incorporates a quarter turn connection.
- It is stronger than a screwed connection. It has three impact load bearing surfaces in each direction, which makes it safer for heavy and prolonged operations.
- It is safer and simpler and can be released with a screwdriver.