



Hydraulic Disconnect

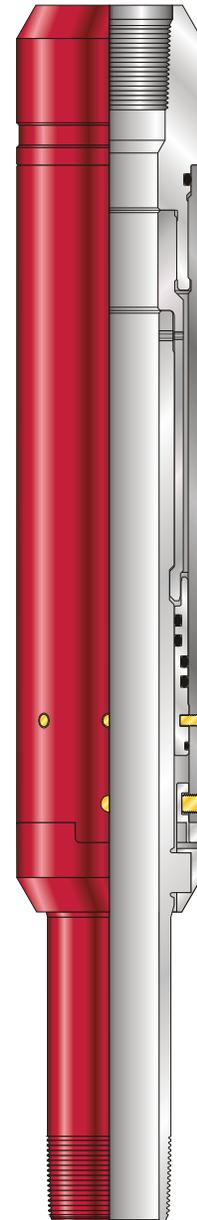
Weatherford's hydraulic disconnect is a reliable coupling used to disconnect the tubing from tools that are to be left downhole. This tool is used primarily with Weatherford's IPP™ injection production packer and plug-and-abandon assemblies.

Applications

The hydraulic disconnect is used in deviated or horizontal holes or any other situation in which the tool is appropriate to disconnect by applying hydraulic pressure rather than by rotating the tubing.

Features, Advantages and Benefits

- Hydraulic activation eliminates the need for mechanical manipulation of the string, providing a simple and reliable operation.
- The ID of the tool is open to the full tubing ID, enabling intervention through the work string, if necessary.
- Multiple shear-value settings are compatible with other hydraulic tools in the string, enabling each hydraulic event to be set at a different pressure for surface identification.
- Work-string rotation is not required to disconnect from downhole tools, enabling the use of the hydraulic disconnect in deviated or horizontal wellbores.
- The incorporated lug enables rotation of the work string or downhole assemblies, overcoming tight spots when required.
- Pump-through capability permits circulation through the tool after release, permitting cement or a viscous plug to be seen and the string to be pulled dry.
- Secondary hydraulic-release mechanism enables release of the tool if the packer cannot hold pressure, enabling circulation to be reestablished.



Specifications

Size (in./mm)	OD (in./mm)	ID (in./mm)	Length (ft/mm)	Connections (in.)	
				Pin	Box
1-1/4 31.75	3.39 85.85	1.39 35.31	23.34 719.84	2-3/8 (EU)	2-3/8 (EU)
2 50.80	4.00 101.60	2.00 50.80	27.04 686.82		
2-1/2 63.50	4.63 117.60	2.44 61.98	31.95 811.53	2-7/8 (EU)	2-7/8 (EU)