

7-in. Diverter Tool for the ESS®/EZI[™] System

Weatherford's 7-in. diverter tool for the combination ESS expandable sand screen/EZI expandable zonal isolation system enables single-trip expansion of Weatherford's 7-in. ERC^{TM} expandable reservoir completion. The diverter tool uses surface pressure to run two expansion tools on the same string. The EZI expansion tool, which requires higher pressure, is run above the diverter tool, while the ESS expansion tool is run below the diverter tool.

Features, Advantages and Benefits

- The standard spring adjuster allows for different spring sensitivities, making the system adaptable to a variety of applications and downhole environments.
- Simple operation enhances reliability.
- The diverter tool system reduces rig time by running two expansion tools with different activation pressures on the same string.

Specifications

Tool maximum OD (in./mm)	5.91 <i>150.0</i>
Overall tool length (in./mm)	85.84 2,180.0
Typical diverting pressure (psi/bar)	1,800 124.1
Material	AISI 4145
Box connection	Grant Prideco XT® 38
Pin connection	Grant Prideco XT 38

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