

Datasheet Well Key® 318 Dimple Tool

The Well Key® Dimple Tool is designed to permanently lock open surface controlled subsurface safety valves in a single run. With pinpoint accuracy the Well Key Dimple Tool deforms a sleeve by making “dimples” in its surface, thus locking the sleeve in a fixed open position.

Its active hydraulic control and high expansion ratio ensures full integrity of downhole jewelry and reduced risk since the Well Key Dimple Tool is only opened when the tool reaches target depth.

Applications	Features	Benefits
• Lock SSSV sleeve in position	• Allows transfer of high, controllable force	• Force applied directly to target
	• Passive fail-safe system	• Fewer runs
	• Rugged design allows for multiple repeated actuations	• No jarring required
	• Bi-directional in same run	• Large range of ID's accessible
	• High expansion ratio	• Accurate depth control
	• Ability to control position via surface read-out	• Reduced risk of damage to well hardware
	• NACE compliant	• Operates on any e-line via DC

Specifications*	Imperial	Metric
• Length	• 11 ft	• 3.4 m
• Running OD nominal	• 3 1/8"	• 80 mm
• Weight in air	• 160 lbs	• 73 Kg
• Completion ID	• 3.2" – 5.7"	• 81 mm – 145 mm
• Maximum well pressure	• 25,000 psi	• 17,200 bar
• Maximum well temperature	• 302 F	• 150 °C
• Tensile strength	• 42,000 lbs	• 19,000 Kg
• Compressive strength	• 50,000 lbs	• 22,700 Kg

* Dependent upon configuration

