

Datasheet Welltec® Puncher 218 Standard

Welltec Puncher® provides an efficient, e-line conveyed, non-explosive method of equalizing pressures between tubular strings, and increasing production. Its innovative design quickly creates a controlled diameter hole in the tubular at the target depth for pipe recovery or completion removal without the use of explosives. Utilizing a fast, drilling technique, the Welltec Puncher produces a precise, uniform hole. The puncher can be run slick to any depth in the well or be equipped with a 'no-go' for a hole punch at an exact depth. Multiple holes can be drilled in a single descent and it can be deployed independently or with other tools - it can be combined with any of Welltec's intervention tool portfolio.

Applications	Features	Benefits
• Pressure equalization	• Through tubing hole punching	• No explosives
• Heavy fluids injection	• Through wired	• Multiple punches in the same run
• Production inflow control	• Modular and configurable	• No perforation burr
• Injection flow control	• Compatible with all service providers	• Combinable with other Welltec services
• Production increase	• NACE compliant	• Rigless punch for batch work
	• Surface readout and control	• Accurate depth control

Specifications*	Imperial	Metric
• Length	• 21 ft	• 6.4 m
• Running OD nominal	• 2 1/8"	• 54 mm
• Weight in air	• 235 lbs	• 105 kg
• Minimum completion ID	• 2.4"	• 61 mm
• Maximum pipe thickness	• 0.65"	• 16.5 mm
• Maximum pipe ID	• 4.53"	• 115 mm
• Punch hole diameter	• 0.5"	• 12.7mm
• Punch extension	• 0.75"	• 19 mm
• Maximum well pressure	• 20,000 psi	• 1.380 bar
• Maximum well temperature	• 300° F	• 150 °C
• Tensile strength	• 30,000 lbs	• 13.600 Kg
• Compressive strength	• 36,000 lbs	• 16.300 Kg
• Surface readout and control		
- Drill position		
- Feed pressure		
- Current draw		
- Well pressure		

* Dependent on pipe material and well parameters

