

Datasheet Well Miller® 218 Hardware Milling

The Well Miller® for hardware milling provides operators with a better way to repair wells with mechanical problems. Using only e-line tools, nipple profiles or other restrictions can be eliminated or increased, plugs can be removed, failed isolation valves can be milled through for production or access to deeper parts of the wellbore. The Well Miller® is run in combination with the Well Tractor® for precise control of weight on bit and to counter reactive torque.

Applications	Features	Benefits
<ul style="list-style-type: none"> • Nipple profile milling 	<ul style="list-style-type: none"> • Passive fail-safe system 	<ul style="list-style-type: none"> • Various bits based on objective
<ul style="list-style-type: none"> • Access through failed isolation valves 	<ul style="list-style-type: none"> • Surface read-out compatible 	<ul style="list-style-type: none"> • Large range of ID's accessible
<ul style="list-style-type: none"> • Cement plug milling 	<ul style="list-style-type: none"> • Modular and configurable 	<ul style="list-style-type: none"> • No additional fluids required
<ul style="list-style-type: none"> • Enlargement of buckled tubing 	<ul style="list-style-type: none"> • Compatible with all service providers 	<ul style="list-style-type: none"> • Provides access to TD
<ul style="list-style-type: none"> • Bridge plug removal 	<ul style="list-style-type: none"> • Universal: operates on any e-line via DC 	<ul style="list-style-type: none"> • Accurate depth control
<ul style="list-style-type: none"> • Glass plug milling 	<ul style="list-style-type: none"> • NACE compliant 	

Specifications*	Imperial	Metric
<ul style="list-style-type: none"> • Length 	<ul style="list-style-type: none"> • 10 ft 	<ul style="list-style-type: none"> • 3.0 m
<ul style="list-style-type: none"> • Running OD nominal 	<ul style="list-style-type: none"> • 2 1/8" 	<ul style="list-style-type: none"> • 54 mm
<ul style="list-style-type: none"> • Weight in air 	<ul style="list-style-type: none"> • 70 lbs 	<ul style="list-style-type: none"> • 32 Kg
<ul style="list-style-type: none"> • Minimum completion ID 	<ul style="list-style-type: none"> • 2.25" 	<ul style="list-style-type: none"> • 57,1 mm
<ul style="list-style-type: none"> • Maximum well pressure 	<ul style="list-style-type: none"> • 20,000 psi 	<ul style="list-style-type: none"> • 1,400 bar
<ul style="list-style-type: none"> • Maximum well temperature 	<ul style="list-style-type: none"> • 302 F 	<ul style="list-style-type: none"> • 150 °C
<ul style="list-style-type: none"> • Tensile strength 	<ul style="list-style-type: none"> • 36,000 lbs 	<ul style="list-style-type: none"> • 16,300 Kg
<ul style="list-style-type: none"> • Compressive strength 	<ul style="list-style-type: none"> • 30,000 lbs 	<ul style="list-style-type: none"> • 13,600 Kg

* Dependent upon configuration

