

DATA SHEET WELL MILLER® 318 EXPANDABLE BIT

The Well Miller® expandable bit for hardware milling provides operators with a better way to repair wells with mechanical problems. It can pass through small ID and expand to a larger OD when activated. The bit will retract if communication is lost to the tool. 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

- Nipple profile milling
- Access through failed isolation valve
- Cement plug milling
- Enlargement of buckled tubing
- Bridge plug removal

FEATURES

- Passive fail-safe system
- Modular
- Surface read-out
- Various bits based on objective
- Expandable bit
- Universal
- NACE compliant

BENEFITS

- No additional fluids required
- Provides access to TD
- Large range of ID's accessible
- Accurate depth control
- Operates on any e-line via DC



SPECIFICATIONS*	IMPERIAL	METRIC
Length	12.7 ft	3.9 m
Running OD nominal	3 1/8"	80 mm
Weight in air	190 lbs	86 Kg
Minimum completion ID	3.25"	82.5 mm
Maximum Bit OD	5.0"	127 mm
Maximum well pressure	25,000 psi	1,720 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