

Infinity

Shock Tools

Maximize penetration rates.

Infinity Downhole Tools is a young, aggressive oil and gas supply business operating in Nisku, Alberta. We offer all customers 130+ years of combined experience in the downhole tool business. Our trained service technicians are available 24 hours a day, 7 days a week to provide you with the best and most reliable motors, jars and shocks on the market today. Our technicians service all tools from top to bottom, so that the quality of Infinity's products are never compromised. We proudly claim that we have over 10,000 hours in total on our motors with no failures to date. All of our tools are serviced, repaired and inspected on site at our 7,200 sq. ft. service centre.

When drilling, the one thing you want to be guaranteed of is Maximum penetration rates. With the Infinity shock tool, this goal is accomplished with remarkable results. While keeping the bit on bottom, the Infinity Shock tool allows you to achieve maximum or optimum weights and rotary speeds by eliminating excessive vibrations. This helps increase the cutting power and speed of an operation, thus more penetration per revolution is accomplished.

The Infinity Shock Tool reduces unnecessary trips.

Valuable rig time is often lost as the result of bits getting dull before their life expectancy, or failure of a downhole tool. With the Infinity Shock Tool, the life of bits, drill collars, tools and other equipment is extended. This saves you time and money. The Infinity Shock Tool will not cause extra tripping because it works off of a simple mechanical principle with few moving parts that require maintenance. This means your string stays in the hole working for you longer and harder.

The Infinity Shock Tool maximizes Bit life

The Infinity Shock Tool decreases the possibility of damaging the bit when establishing its bottom hole pattern. The transition from bit to bit is made smoother with our shock. By dampening out excessive drilling vibrations, the Infinity shock tool also reduces bit dulling and breakage. In addition, bearing fatigue is minimized, which means longer working life for your bits. Less expenditure for bits and more time spent heading for total depth means less cost per foot.

The Infinity Shock Tool can be run anywhere - under any condition

Unlike other shock subs that work off hydraulics, gas, or rubber elements, the Infinity shock tool is not affected by high pressures and temperatures downhole, and if required we can assemble the tool with high temperature seals. Even if drilling fluids enter our shock under extreme conditions, it still functions properly so that drilling can continue uninterrupted.



FEATURES

- Double sealed thread joints and piston
- Availability of high temperatures seals
- Specially engineered Belleville Spring Stack configuration for dampening that will not be affected by temperatures.
- Both natural and induced vibration absorption
- Reduced drill bit vibrations resulting in higher penetrations
- Hydrostatically balanced
- Hydrostatic and pressure differential assisted dampening device
- Full internal stabilization

Tool				Approximate Shipping Weight		Approximate Tool Length	
O.D.		I.D.		lbs.	kg	ft.	m
In.	mm	In.	mm				
4 3/4	121	1 1/4	32	240	109	6	1.83
6 1/4	159	2	51	500	227	6	1.83
6 1/2	165	2	51	500	227	6	1.83
6 3/4	171	2	51	600	272	6	1.83
9	229	2 1/2	64	1200	544	6	1.83



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