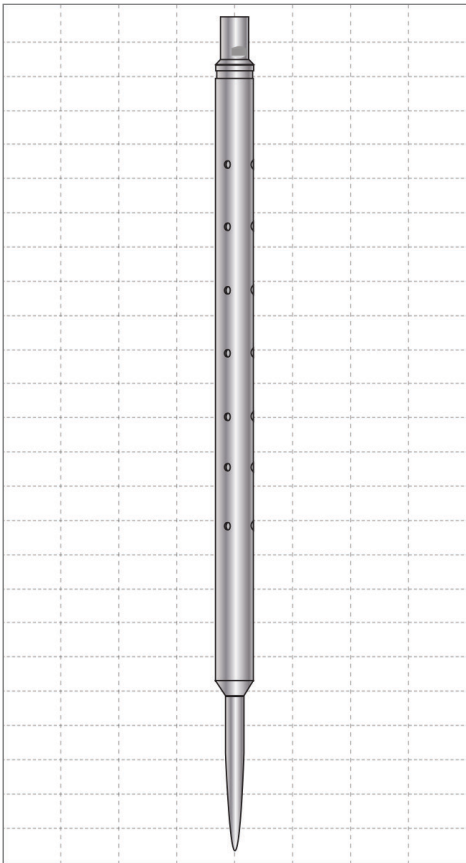


## PRECISION MECHANICAL APPLICATIONS

# PRECISIONIMPACTOR

MAKING INTERVENTION  
**SMARTER**

The **PrecisionImpactor** is designed to penetrate and shatter ceramic plugs, rupture discs and similar devices typically installed in production tubing for reservoir isolation. The tool is rigged up and run in hole un-energised i.e. in a safe mode. The **PrecisionStroker** generates the required compressive force to activate the **PrecisionImpactor** mechanism to produce a powerful jar-like impact onto the device.



## APPLICATIONS

- Breaking ceramic plugs, rupture discs and similar devices

## FEATURES

- Operated either by **PrecisionStroker** for full force impact or **PowerTrac**® for reduced force impact
- In situ spring force resetting enables multiple hits
- Precise positioning; correlation with CCL
- Combinable with **PowerTrac**® for conveyance

## BENEFITS

- Provides a precise means of disc breakage in highly deviated and horizontal wells
- Improved reliability and operational efficiency

<b>Service Name</b>	<b>IMPACTOR</b>
<b>OD</b>	3.150 inches / 80.0 mm
<b>Length</b>	5.38 ft. / 1.64 m
<b>Dart Length</b>	1.3 ft. / 0.4 m
<b>Pressure rating</b>	25,000 psi / 1,724 bar
<b>Temperature rating</b>	177°C / 350 F
<b>Force before impact</b>	2,514 lbs / 1,141 kg
<b>Distance to stroke before jar action</b>	3.54 inches / 90 mm
<b>Acceleration at impact</b>	10,100 m/s <sup>2</sup> (1030G)
<b>Stress at chisel tip at impact <sup>1</sup></b>	74,100 psi / 5,110 bar

<sup>1</sup> - Dependent on well conditions