

Back-Off Shot

Various Suppliers

Measurement Parameters & Applications:

A back-off shot is utilized to unscrew a specific threaded section of pipe. It is accomplished by the application of left-hand torque in the pipe string, which is held in equilibrium, simultaneous to an explosive shot placed and detonated in the threaded joint in question. Back-off shots are usually applied after a Free Point Detector tool has been run.

Operating Constraints:

Maximum pressure 21,000 PSI
Operation temperature range 0 to 148 degrees C, 32 to 300 degrees F
Tubular constraints..... Drill Pipe, Casing or Tubing

Dimensions:

Length..... 72 in., 183 cm
Diameter..... 1.0 in., 2.54 cm or 1.4375 in., 3.65 cm
Weight Variable depending on conditions

Tubular Constraints:

Minimum Diameter..... 1.25 in., 3.175 cm.