

Perforating Torch Cutter

Safe, efficient and reliable pipe punching replacing explosives

Perforating Torch Cutter (PTC) tool effectively perforates coiled tubing, tubing, casing and drill pipe without the use of restrictive technologies.

When running a job that requires adequate flow into the annulus, explosive perforators and punchers are unreliable in many configurations at producing a consistent or sufficient hole in pipe.

The patented nozzle and proprietary mixture of various powdered metals produces jets of highly energized plasma to perforate virtually any type of pipe in any well condition. Because the PTC does not use explosives, the tool can be shipped almost anywhere in the world within 24 hours, saving significant time and associated costs, while remaining compliant with safety regulations.

Benefits

- Non-Explosive
- Radio Safe
- Cuts all steel, high chrome, plastic coated tubulars
- Cuts are flare-free and do not produce swelling
- Cuts in fluids or dry pipe, heavy drilling fluids
- Deployable within hours, not days
- Approved for all methods of transport

Typical Applications

- Standard punching applications

Specifications

Operates in temperatures to 1,000°F (538°C) & pressures up to 30,000 psi (207 MPa)

Single / Dual perforations in flow areas from 0.38 in² to 70 in²

Features

- Standard punching applications
- Undersized punching through restrictions
- Custom tools available
- HPHT



Technology by MCR Oil Tools LLC