

CONTROLLED IMPACT RESCUE TOOL IMPACT ELEMENT

ABSTRACT

An impact element is provided and includes a single body drivable into an external element by force acting on a piston head. The single body includes a head and a shaft having a first end integrally coupled to the head, a second end opposite the first end and a central portion interposed between the first and second ends. The second end of the shaft is operatively connectable with the piston head to define a joint located remotely from the head. The first end of the shaft has a trailing portion with a diameter similar to that of the central portion, a leading portion with a diameter similar to that of the rear end of the head and a taper from the trailing portion to the leading portion.

Figure 1