



Features

- Long stroke
- Self-bleeding compensating system
- Multi-Stage Systems are available to generate high forces necessary for Tubing Patches.

Benefits

- Ideal for plugs and packers requiring a long stroke
- Compensation oil level adjustments are necessary

The Power Charge Setting Tool (PCST) offers the capability to set plugs and packers requiring long setting strokes, and the Multi-stage System generates higher forces necessary for tubing patches.

A self-bleeding compensation system allows for quick oil filling without the need for oil level gauges.

A larger slow set power charge is used to compensate for the extra piston movement required for longer strokes. Once ignited, the generated high pressure gas migrates through the upper and lower pistons initiating the setting sequence. The hydraulic oil slowly bleeds out of the tool providing a cushioning effect. Once the required setting force is achieved, a shear stud breaks, releasing the PCST from the plug/packer.



O.D. (in.)[mm]	1.50 [38]	1.75 [44]
Max. Temp (°F)[°C]	350 [176]	350 [176]
Max. Pressure (psi)[MPa]	15,000 [103]	15,000 [103]
Length (ft)[m]	4.4 [1.34]	6.3 [1.93]
Stroke (in.)[cm]	6.0 [15.2]	10.5 [26.7]
Max. Setting Force (lbf)[kN]	15,000 [67]	20,000 [89]
Fishing Strength (lbf)[kN]	25,000 [111]	25,000 [111]
Upper Head Connection	1-3/16 in. - 12 "GO" Box	1-3/16 in. - 12 "GO" Box