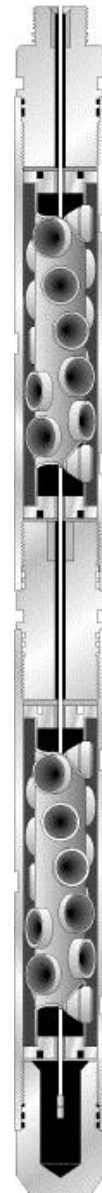


Extreme High Pressure - High Shot Density (HSD) TCP Gun System

Expro's extreme high pressure, high shot density TCP guns provides our clients with an engineered solution to their requirement for high-performance perforating in extreme high pressure downhole conditions up to 30,000 psi. Along with the supporting in-house equipment and services, Expro provides fully integrated services to safely and successfully test or complete deepwater wells more efficiently, whilst delivering enhanced productivity.

In order to provide the client our largest 'area open to flow' (AOF) per foot of perforations, while ensuring robust equipment to withstand the extreme downhole environment, Expro collaborated with GEODynamics; a respected and leading manufacturer / supplier of class-leading perforating systems, to develop a state-of-the-art gun system, for use in deepwater oil and gas well frac-pack and gravel pack completions. This gun system is exclusively available from Expro.

The two systems- a 4-3/4" OD 14-22 SPF and 6-5/8" OD 14-22 SPF include specially engineered Super Big Hole (SBH) shaped charges optimized for these heavy wall gun carriers and our clients' heavy wall casing, required for the extreme high pressure downhole conditions.



Features and benefits

- Optimised Super Big Hole (SBH) charge design delivers large AOF, critical for successful frac-pack or gravel-pack applications.
- Optional low-debris case aids in fluid loss control.
- Safe and quick loading at in the workshop or well site.
- Minimum gun swell.

Applications

- TCP in extreme high pressure wells.
- TCP in standard or high pressure wells, where additional operating safety margins are desired.
- Frac-pack completions.
- Gravel pack completions.