



INCREASED TOOL STRENGTH

REDUCE SURFACE FATIGUE AND MAXIMIZE YOUR TOOL MILEAGE BY UTILIZING OUR SHOT PEENING CONDITIONING PROCESS.

This process uses a hardened stainless steel shot to condition the metal surface of tools. Shot peening has been proven to increase wear life and reduce fatigue in tools—preventing cracking and thread galling. This process ideally takes place after hard metal application, OD skimming and connection recuts. Stabil Drill facilities across the country are well-equipped to treat your tools.

RELIEVE TOOL STRESS

Well-treated tools make for stronger runs and longer lives. Stabil Drill's shot peening service induces compressive stress to relieve tensile stresses—strengthening the tool for high-torque workloads and increasing its lifecycle. **Shot size ranging from 110–780.**

REDUCE THREAD GALLING

Thread galling is a frustrating reality when it comes to working with many metals. Stabil Drill's shot peening conditioning service can desensitize the thread surfaces and make your tools far less prone to galling.



LONGER LASTING TOOL PERFORMANCE

Shot peening goes a long way in maximizing your tool mileage—especially tools that are subject to high-stress downhole environments. Stabil Drill's shot peening conditioning service can get your tools battle-ready and enhance tool fatigue strength.

REDUCE FATIGUE CRACKING

Avoid the risk of surface microcracks through stresses that may build up throughout the grinding process. Finishing with our shot peening conditioning process can reduce the buildup and propagation of tensile stress throughout the repair process.

LOCAL SUPPORT AND SHORT TURNAROUND TIME

Our professional and reliable shot peening conditioning service is just a call away. Our facilities are well-equipped, and our service representatives are always standing by to help facilitate strong support and fast turnarounds.



STABILDRILL

SERVICE OVERVIEW

SHOT PEENING

