

SETTING TOOLS

CLEAN OUT MILL

Before a liner top tie back packer or seal nipple is run, it is sometimes necessary to run a polish mill down through the tie back receptacle (TBR) or seal bore to eliminate any burrs or cement stringers and/or deposits. This will insure a high integrity tie back seal. The TBR polish mill has longitudinal mill cutters for cleaning out the TBR and a top locating collar with fine grain carbide for dressing the chamfered TBR entry.

It is possible to run a tandem polish mill designed to clean out the liner top TBR as well as a below hanger (BH) polish bore receptacle (PBR) in one trip. This two stage mill consists of a top polish mill as previously described to clean out the top TBR and a bottom mill separated from the top mill by a spacing collar to clean out the bottom PBR. A pilot bit can be run below the bottom mill if required.

