

NUMBER: 06-04-02-MP
(Subject Revised 06-07-17)

McAlester Engineering

PRODUCT: HEX 240 DRILLING PUMP

SUBJECT: PISTON RODS
80-710-070 (ONE PIECE)
80-710-024 & 80-710-047 (TWO PIECE
ROD SET)

The piston rods for the Hex 240 drilling pump have been changed to prevent the possibility of stroking too close to the bottom of the liner.

The part number remains the same. Only the revision was changed. The latest revision is “C” for the one-piece rod, 80-710-070. Previous configurations of the rod are shown for revisions A and B. See the following pages for the progression of changes to the rod.

Early production of the Hex pump used a two-piece rod. The short piston rod was threaded into a sub-rod to make the assembly. Only the short piston rod (80-710-024) was affected by the changes in length. The sub-rod (80-710-047) was not changed. The combined length of the sub-rod and short piston rod are the same length as the one-piece rod, 80-710-070. See the following pages for the progression of changes to the rod.

The latest revision for the short piston rod is revision “F”.

Only piston rod 80-710-070 rev C, or the short piston rod, 80-710-024 rev F, should be used in the Hex 240 pump.

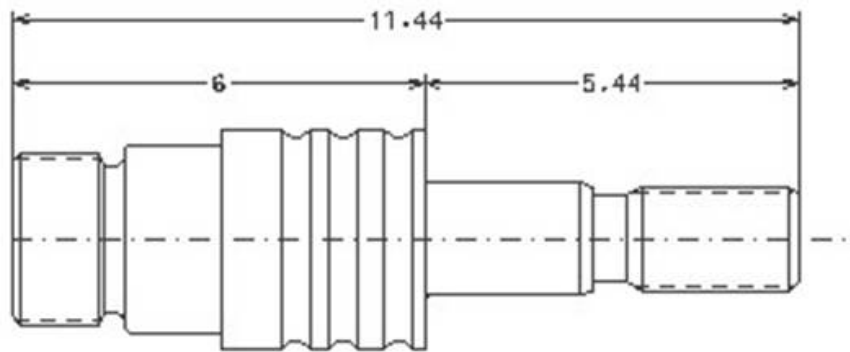
Use of the previous rods can cause excessive mud bypass across the piston.

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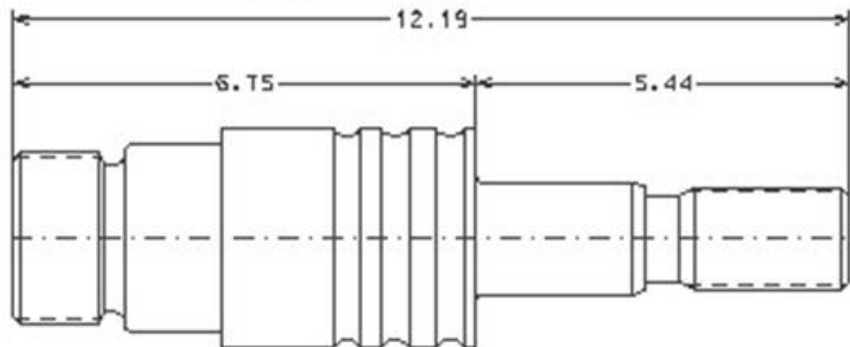
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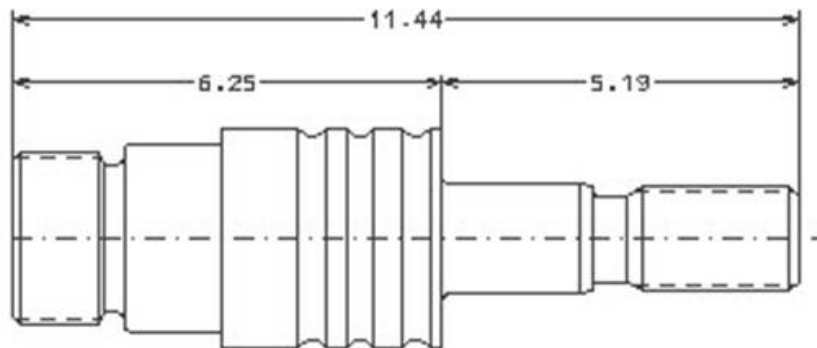
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80-710-024 Rev. C



80-710-024 Rev. D



80-710-024 Rev. F

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