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V. G. DE REUS - H. J. HACKMAN

DES
MODEL 700 - BOLT HANDLE

As I now understand it, the present cost of the ^{new handle} bolt starting with screw machine blank is approximately 50¢ each. It seems doubtful, however, that the proposed new process can properly reproduce the present knurl on the ball of the handle.

In view of the potential savings and also since understand we have had trouble with the castings from time to time, think we should pursue this further as a cost reduction item. This would anticipate consideration of best type of knurl by H & P. Next we can consider possibility of using a smooth bolt handle ball, recognizing that such variations must be approved by Sales. At the same time it is likely that this improved knurling can be processed by electro-forming, a technique being considered for making experimental laminated shells for the M/870 receiver.

I have suggested to R.P. Kelly that perhaps we can get samples of the smooth type bolt handle balls and experimentally attach to a regular M/700 bolt handle, and after coloring review it for appearance both by Design and by Sales. At the same time we can work with H.L. Hameister to check the operation of electro-forming.

I believe that Design suggests we use present bolt handle drawing but stipulate #1010 material.

S. M. Alvis
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SMA:T