

cc: M. H. Walker  
H.J. Hackman-V.G. DeRaus  
R.P. Kelly  
P.B. Croop

MEMORANDUM

Ilion, New York  
November 13, 1964

MODEL 700 - BOLT HANDLE

The sample bolt handle ball sent in by H&P was attached to a bolt for comparison with present design and with one in which the checkering had been polished off smooth and recolored.

Actually, we doubt that Mr. Reiner intended this bolt handle ball to do more than simply show the type of checkering since the ball is not to proper shape. At the same time it is believed that the bolt handle ball from H&P would be flatter than the present precision cast parts. It seems that most of us are generally agreed. none of the samples shown here to date are good enough to avoid downgrading quality.

It has been suggested that we might attempt processing by fabricating a bolt handle with the present pattern precision cast ball attached to a formed handle. However, it is understood from Bob Kelly that this has already been considered and was thought to be significantly more expensive. In the meantime it is suggested that we provide Mr. Reiner with one of the standard bolt handles in which the checkering has been polished off. We would then expect him to prepare another prototype that may be practical for forming; namely, that of "concentric circles".

I have asked Bob Kelly to follow through on this.

  
S. M. Alvis  
Ilion Research Division

SMA:T