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# Letter Regarding the Making of Steel Springs

G. J. Cuthing

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CHAS.H.MORGAN, President.  
PAUL B.MORGAN, Treasurer.  
FRANK F.BULLARD, General Manager.  
ELMER J.CUTTING, Secretary.

# MORGAN SPRING COMPANY.

OIL TEMPERED STEEL SPRINGS  
A SPECIALITY.

WIRE AND SPRINGS.

WORCESTER, MASSACHUSETTS. Nov. 11, 1899.

A.C.

Morgan Construction Co.,

Worcester, Mass.

Gentlemen:-

Yours of the 9th inst. received. The reason we desired to know how springs were used, was to lessen cost of production. It is very difficult to make springs exact to sample, as the size of wire, from ordinary drawing, is liable to vary a little, and this will cause the springs to vary in pitch and diameter of coil. Experience has taught us, that a variation of one half of  $1/64$ " will often prevent springs being used where designed, and therefore, if we know the limitations, can, as a rule, make the springs to meet customers needs at ordinary cost, but to make exact to sample or dimensions, means additional expense.

Very truly yours,

MORGAN SPRING CO.,

*Elmer J. Cutting*  
Secretary.

Acknowledged by.....
Referred to..... <i>E.H.C.</i>
Rec'd NOV 13 1899
Ans'd..... <i>[Signature]</i>
Answered by.....