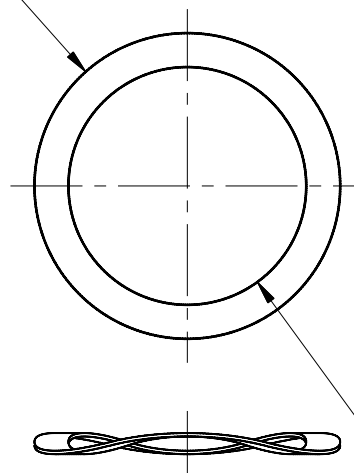
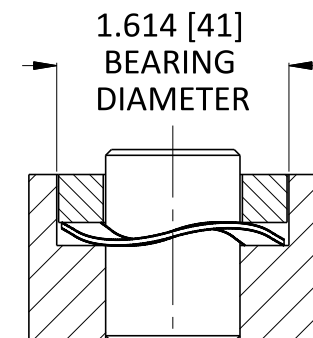


+0.020 [0.51]
-0.040 [1.02]
Ø1.593 [40.46]



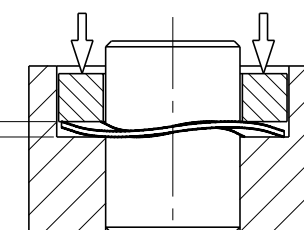
0.110 [2.79]
FREE HEIGHT
REFERENCE

+0.020 [0.51]
-0.030 [0.76]
Ø1.239 [31.47]



1.614 [41]
BEARING
DIAMETER

0.055 [1.40]
LOADED
HEIGHT



SPRING FORCE
19.00 - 30.00 Lb
85.0 - 133.0 N

M.D. Hubbard Spring Company

Engineers and Manufacturers Since 1905
<https://www.hubbardspring.com> OXFORD, MI - USA



SCALE: 1:1



PRODUCT NAME: WAVE SPRING WASHER - ENGLISH [MM]
LOAD RATED

PART No.: WSW-1593

DWG DATE: JAN 1, 2026

MATERIAL

THICKNESS

FINISH
Vibroground-Light Oil

STAINLESS STEEL

ASTM A666 - 304
Full Hard - Stress Relieved

0.018 [0.46]

WSW-1593-KS-18



3 WAVES
EQUALLY SPACED