



Ø 0.625 +0.005  
-0.000

366 HOLES  
SMOOTH BORE  
THROUGH HOLE

Ø 0.500 +0.005  
-0.000

96 HOLES  
SMOOTH BORE  
THROUGH HOLE

Ø 1.000 +0.005  
-0.000

30 HOLES  
SMOOTH BORE  
THROUGH HOLE

ALL DIMENSIONS IN INCHES  
UNLESS NOTED, TOLERANCES: ±0.005"  
±0.1°

REMOVE ALL BURRS  
BREAK ALL EDGES 0.01" MAX

FOR 3D CAD FILES OF PART, CONTACT:  
BRIAN WOODS- WOODSB@ENGR.ORST.EDU

INSTALL THREADED INSERT  
MCMASTER-CARR# 90240A003  
42 LOCATIONS

Ø 17/32 ▽11/16  
42 HOLES  
SMOOTH BORE  
118° DRILL POINT

96 HOLES  
SMOOTH BORE  
THROUGH HOLE

SECTION A - A

1.000  
0.250

125