



## GENERAL INFORMATION

PROJECT NAME:

CUSTOMER NAME:

PROGRAMMER:

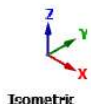
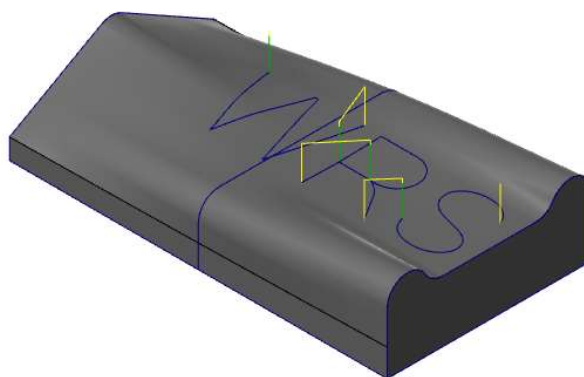
DRAWING:

DATE: Friday, March 31, 2023

TIME: 11:02 AM

REVISION:

C:\USERS\WESTONSHAKESPEAR\DOWNLOADS\WSHAKESPEAR MILL 10A 1.EMCAM



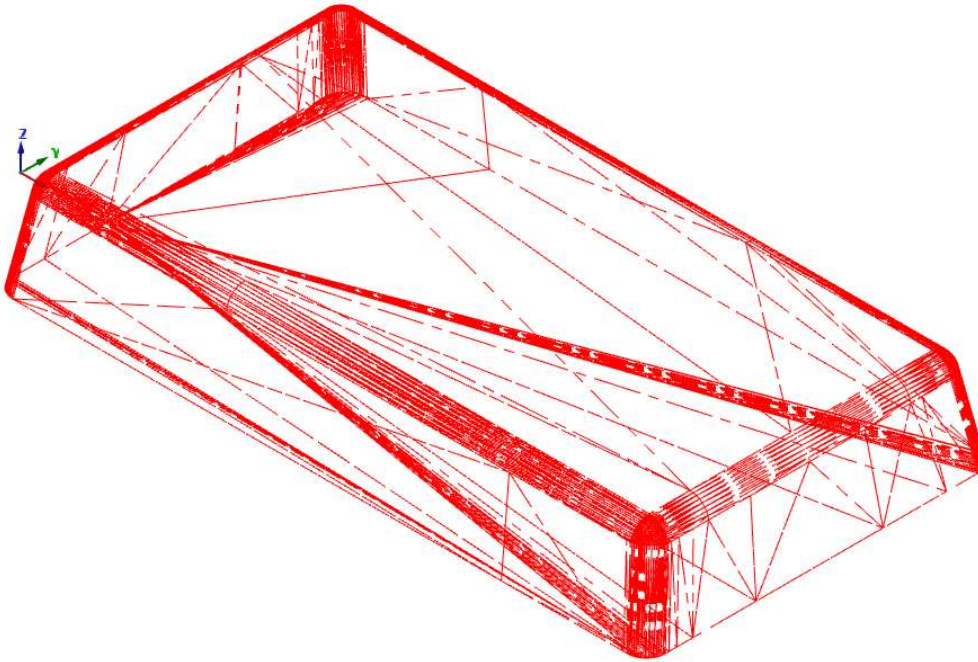
0.9739 in
Inch

## COMMENTS

[illegible]

STOCK

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STOCK:	YES
SHAPE:	Solid
SIZE:	8.2935, 4.4555, 1.25
RADIUS:	
LENGTH:	
AXIS:	NA
FILE:	
IDN:	6949

C:\USERS\WESTONSHAKESPEAR\DOCUMENTS\MY

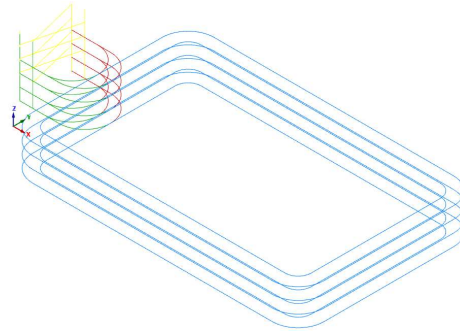
CYCLE TIME: 0 HOURS, 24 MINUTES, 22 SECONDS

### OPERATION LIST

OPERATION INFO 1 - Contour (2D)

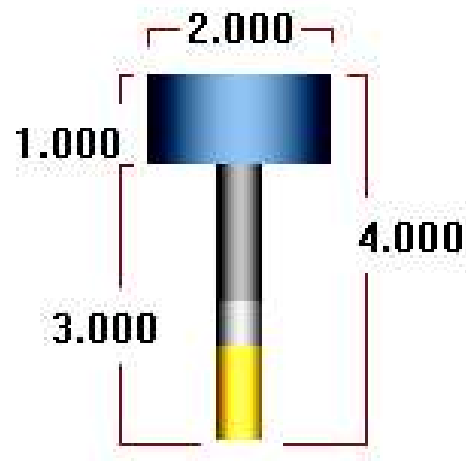
CYCLE TIME: 0 HOURS, 3 MINUTES, 11 SECONDS  
COMMENT:

PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 50.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: 0.0  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET: 0



TOOL INFO 1/2 FLAT ENDMILL

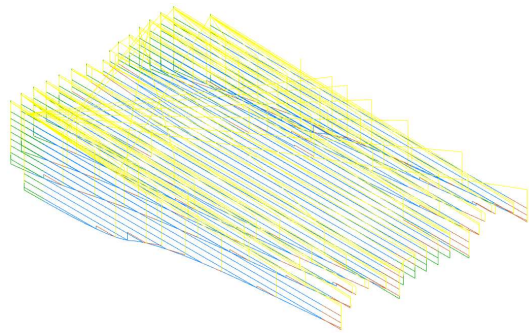
TYPE: Flat endmill  
NUMBER: 1  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 1  
DIAMETER OFFSET: 1  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0025 SFM: 650.0  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:03:11



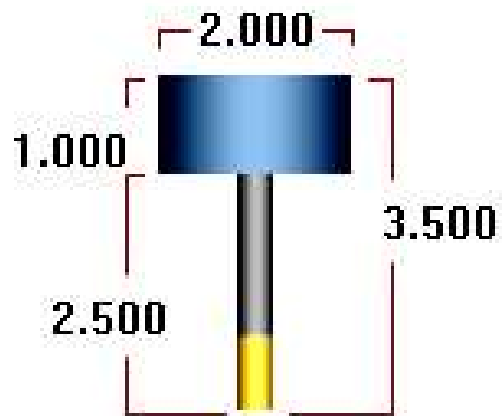
**OPERATION INFO****2 - Surface Rough Parallel**

CYCLE TIME: 0 HOURS, 12 MINUTES, 1 SECONDS  
COMMENT:

PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 39.7503 inch/min  
CLEARANCE PLANE: 0.25  
RETRACT PLANE: 0.125  
FEED PLANE: 0.05  
DEPTH: NA  
STOCK TO LEAVE: 0.0 0.02  
COMP TO TIP: YES  
WORK OFFSET: 0

**TOOL INFO****3/8 BULL ENDMILL 0.0625 RAD**

TYPE: Bull endmill  
NUMBER: 2  
DIAMETER: 0.375  
CORNER RADIUS: 0.0625  
LENGTH OFFSET: 2  
DIAMETER OFFSET: 2  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0015 SFM: 139.9869  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:12:01

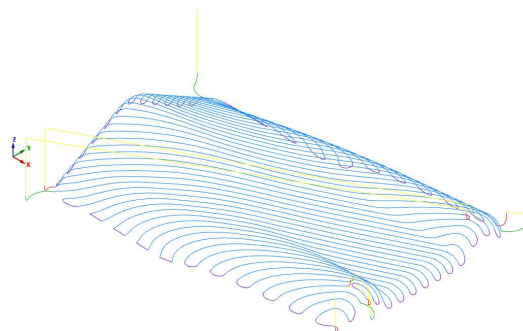


# *OPERATION INFO*

## **3 - 3D High Speed (Raster)**

CYCLE TIME: 0 HOURS, 4 MINUTES, 23 SECONDS  
COMMENT:

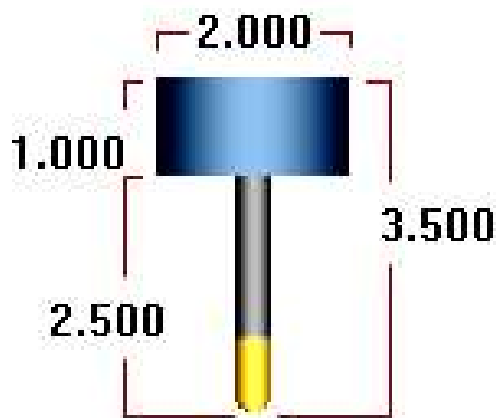
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 40.0 inch/min  
CLEARANCE PLANE: 0.25  
RETRACT PLANE: 0.15  
FEED PLANE: 0.025  
DEPTH: NA  
STOCK TO LEAVE: 0.01  
COMP TO TIP: YES  
WORK OFFSET: 0



# *TOOL INFO*

## **3/8 BALL ENDMILL**

TYPE: Ball endmill  
NUMBER: 3  
DIAMETER: 0.375  
CORNER RADIUS: 0.1875  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0011 SFM: 139.9869  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:04:23

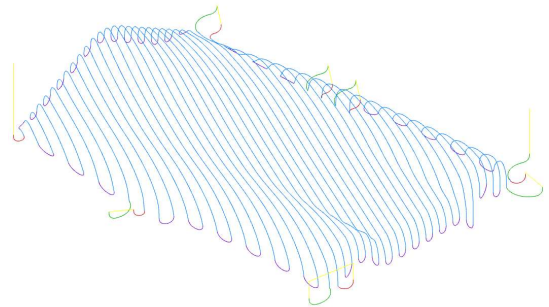


OPERATION INFO

4 - 3D High Speed (Raster)

CYCLE TIME: 0 HOURS, 4 MINUTES, 30 SECONDS  
COMMENT:

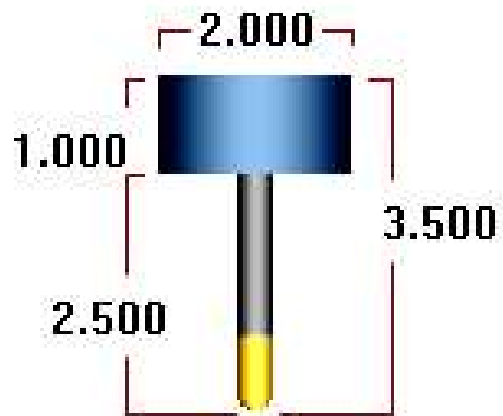
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 40.0 inch/min  
CLEARANCE PLANE: 0.25  
RETRACT PLANE: 0.15  
FEED PLANE: 0.025  
DEPTH: NA  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET: 0



TOOL INFO

3/8 BALL ENDMILL

TYPE: Ball endmill  
NUMBER: 3  
DIAMETER: 0.375  
CORNER RADIUS: 0.1875  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0011 SFM: 139.9869  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:04:30

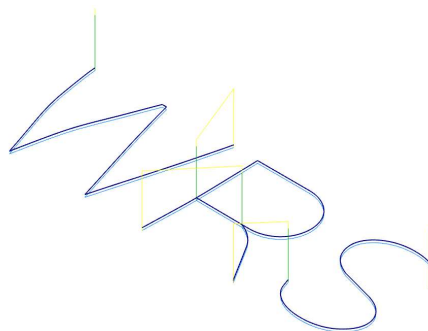


# OPERATION INFO

## 5 - Contour (3D)

CYCLE TIME: 0 HOURS, 0 MINUTES, 15 SECONDS  
COMMENT:

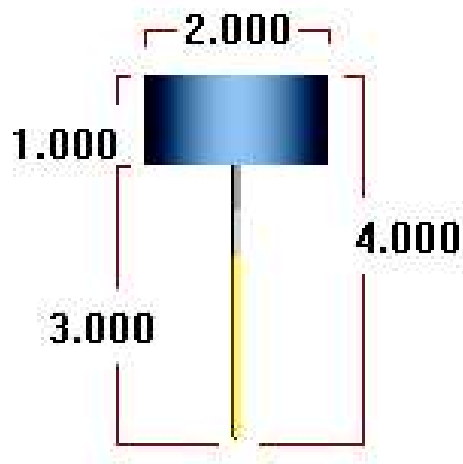
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 50.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: -0.02  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET: 0



# TOOL INFO

## 1/8 SPOTDRILL

TYPE: Spot drill  
NUMBER: 4  
DIAMETER: 0.125  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 4  
DIAMETER OFFSET: 4  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.0024 SFM: 162.5  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:15

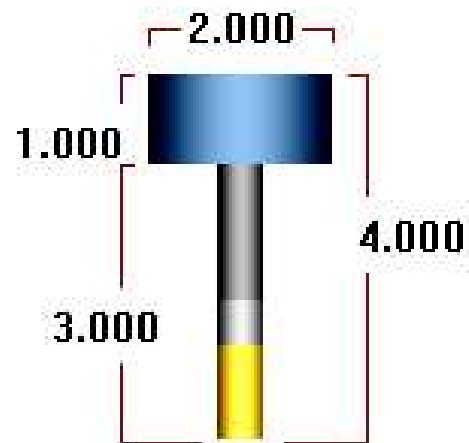


**TOOL LIST**

Sorted: NO

**TOOL INFO****1/2 FLAT ENDMILL**

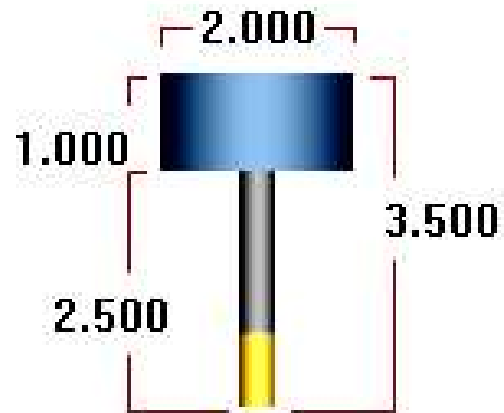
TYPE: Flat endmill  
NUMBER: 1  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 1  
DIAMETER OFFSET: 1  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0025 SFM: 650.0  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:03:11



USED BY OPERATION: # 1 1 - Contour (2D)

**TOOL INFO****3/8 BULL ENDMILL 0.0625 RAD**

TYPE: Bull endmill  
NUMBER: 2  
DIAMETER: 0.375  
CORNER RADIUS: 0.0625  
LENGTH OFFSET: 2  
DIAMETER OFFSET: 2  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0015 SFM: 139.9869  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:12:01

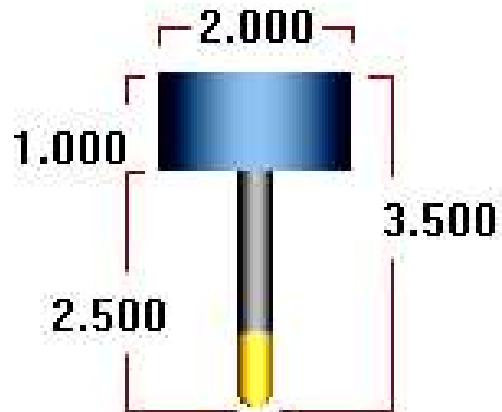


USED BY OPERATION: # 2 2 - Surface Rough Parallel



**TOOL INFO****3/8 BALL ENDMILL**

TYPE: Ball endmill  
NUMBER: 3  
DIAMETER: 0.375  
CORNER RADIUS: 0.1875  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0011 SFM: 139.9869  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:08:54

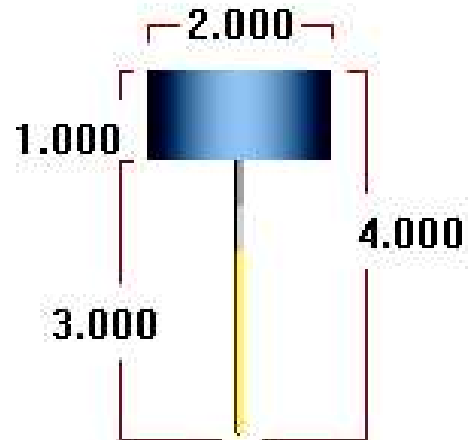


USED BY OPERATION: # 3 3 - 3D High Speed (Raster)

USED BY OPERATION: # 4 4 - 3D High Speed (Raster)

**TOOL INFO****1/8 SPOTDRILL**

TYPE: Spot drill  
NUMBER: 4  
DIAMETER: 0.125  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 4  
DIAMETER OFFSET: 4  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.0024 SFM: 162.5  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:15



USED BY OPERATION: # 5 5 - Contour (3D)

**WORK OFFSETS****OFFSET INFO**

NUMBER: 0 PLANE: Top ORIGIN: 0.0, 0.0, 0.0

USED BY OPERATION: # 1 1 - Contour (2D)

USED BY OPERATION: # 2 2 - Surface Rough Parallel

USED BY OPERATION: # 3 3 - 3D High Speed (Raster)

USED BY OPERATION: # 4 4 - 3D High Speed (Raster)

USED BY OPERATION: # 5 5 - Contour (3D)