



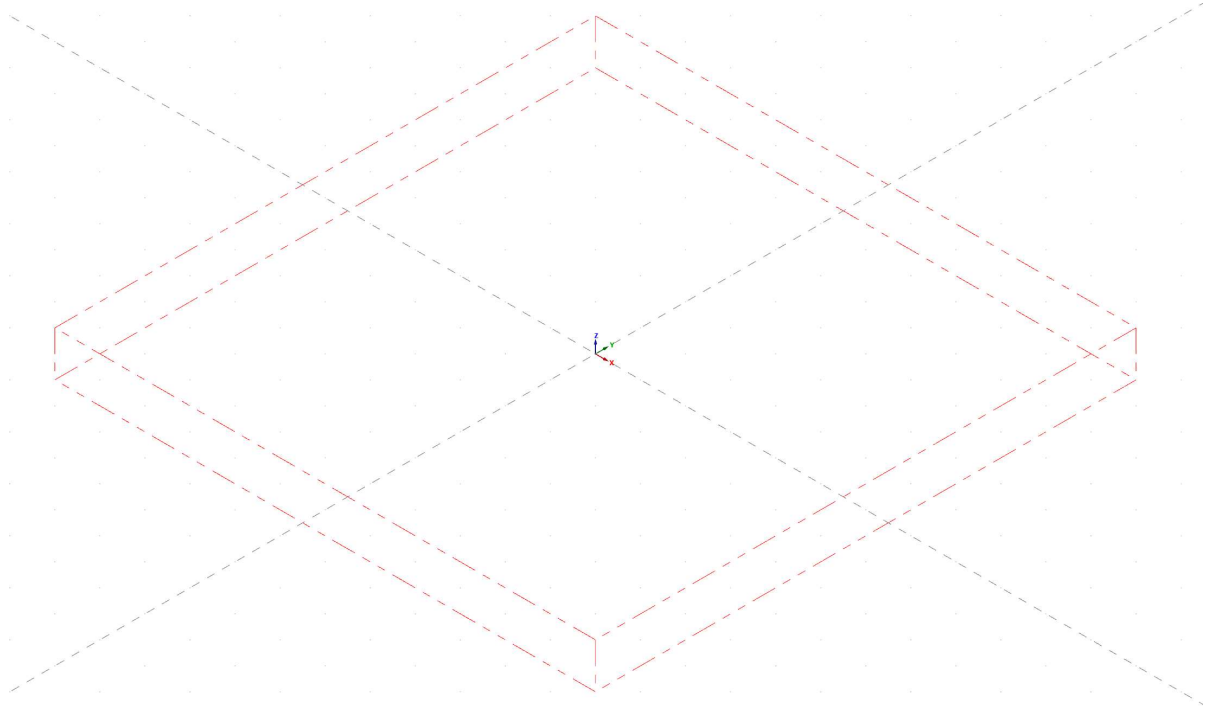
## GENERAL INFORMATION

REVISION:

[illegible]

*STOCK*

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<b>STOCK:</b>	YES
SHAPE:	Box
SIZE:	3.0, 3.0, 0.25
RADIUS:	NA
LENGTH:	
AXIS:	NA
FILE:	
IDN:	NA

## C:\USERS\WES\DOCUMENTS\MY MASTERCAM

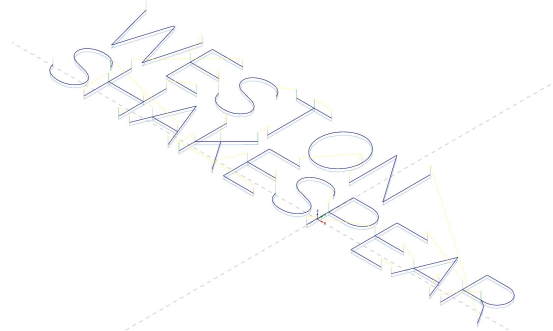
CYCLE TIME: 0 HOURS, 1 MINUTES, 2 SECONDS

### OPERATION LIST

#### OPERATION INFO 1 - Contour (2D)

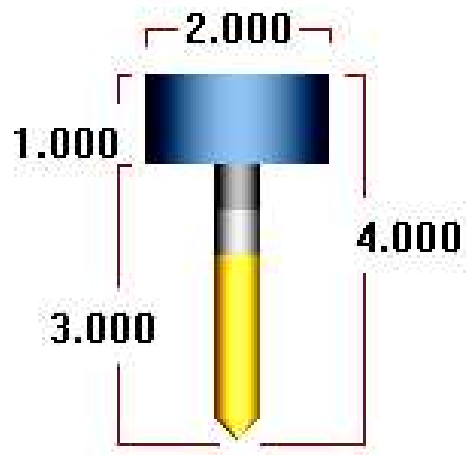
CYCLE TIME: 0 HOURS, 0 MINUTES, 12 SECONDS  
COMMENT:

PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 500.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.02  
FEED PLANE: 0.02  
DEPTH: -0.007  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET:



#### TOOL INFO 1/2 SPOTDRILL

TYPE: Spot drill  
NUMBER: 3  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.8953  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:12

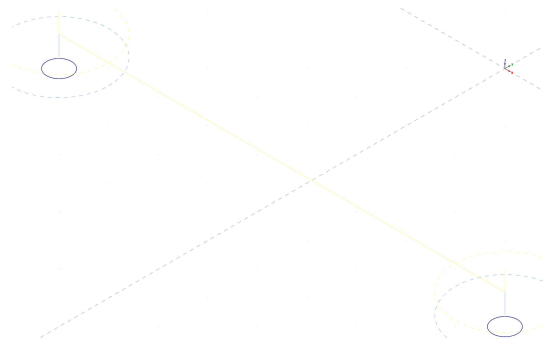


# *OPERATION INFO*

## *2 - Drill/Counterbore*

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

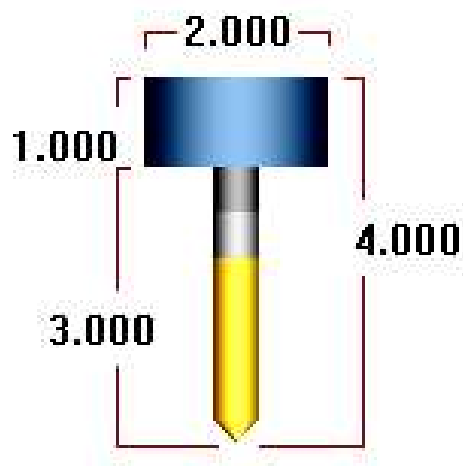
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 246.6116 inch/min  
CLEARANCE PLANE: 0.25  
RETRACT PLANE: 0.15  
FEED PLANE: 0.15  
DEPTH: 0.05  
STOCK TO LEAVE: 0.0  
COMP TO TIP: NO  
WORK OFFSET:



# *TOOL INFO*

## *1/2 SPOTDRILL*

TYPE: Spot drill  
NUMBER: 3  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.8953  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:00

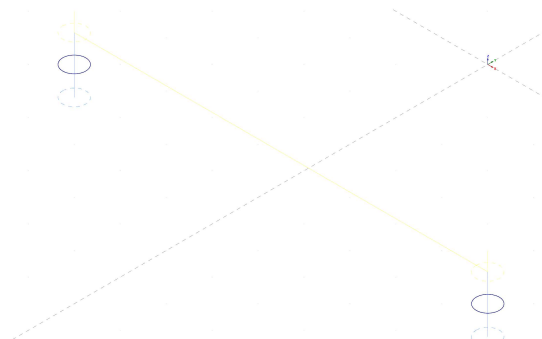


# *OPERATION INFO*

## **3 - Peck Drill**

CYCLE TIME: 0 HOURS, 0 MINUTES, 13 SECONDS  
COMMENT:

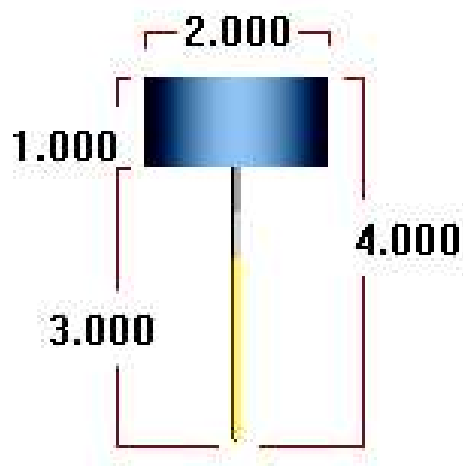
PROGRAM NUMBER: 0  
SPINDLE SPEED: 2139 RPM  
FEEDRATE: 4.1073 inch/min  
CLEARANCE PLANE: 0.25  
RETRACT PLANE: 0.15  
FEED PLANE: 0.15  
DEPTH: -0.155  
STOCK TO LEAVE: 0.0  
COMP TO TIP: NO  
WORK OFFSET:



# *TOOL INFO*

## **1/8 DRILL**

TYPE: Drill  
NUMBER: 1  
DIAMETER: 0.125  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 1  
DIAMETER OFFSET: 1  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.9935  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:13

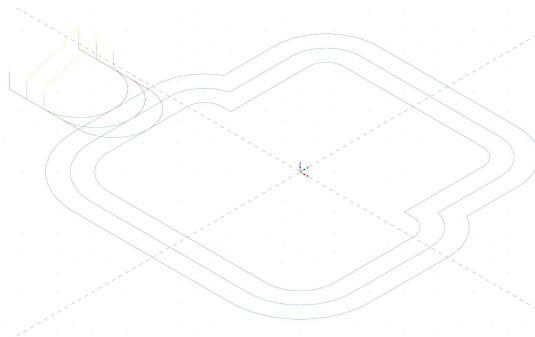


# *OPERATION INFO*

## **4 - Contour (2D)**

CYCLE TIME: 0 HOURS, 0 MINUTES, 17 SECONDS  
COMMENT:

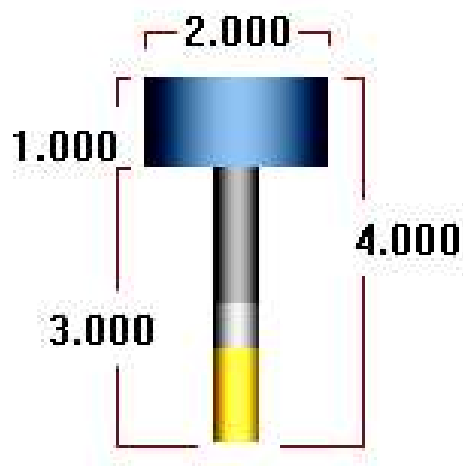
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 500.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: 0.0  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET:



# *TOOL INFO*

## **1/2 FLAT ENDMILL**

TYPE: Flat endmill  
NUMBER: 4  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 4  
DIAMETER OFFSET: 4  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0015 SFM: 139.9215  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:17

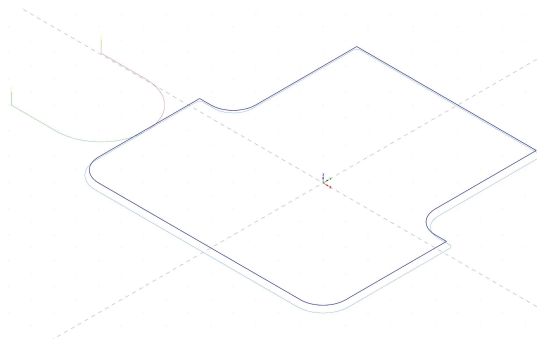


# OPERATION INFO

## 5 - Contour (2D chamfer)

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

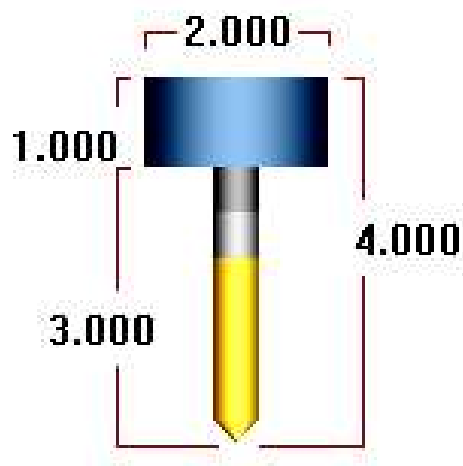
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 500.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: 0.125  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET:



# TOOL INFO

## 1/2 SPOTDRILL

TYPE: Spot drill  
NUMBER: 3  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.8953  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:03

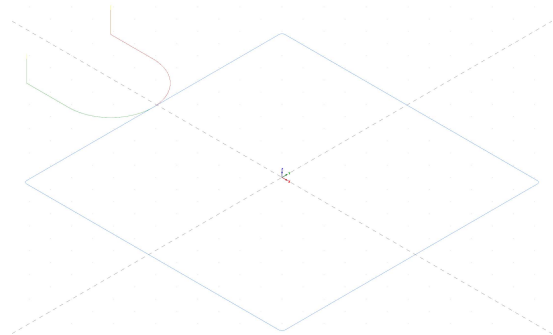


# OPERATION INFO

## 6 - Contour (2D chamfer)

CYCLE TIME: 0 HOURS, 0 MINUTES, 6 SECONDS  
COMMENT:

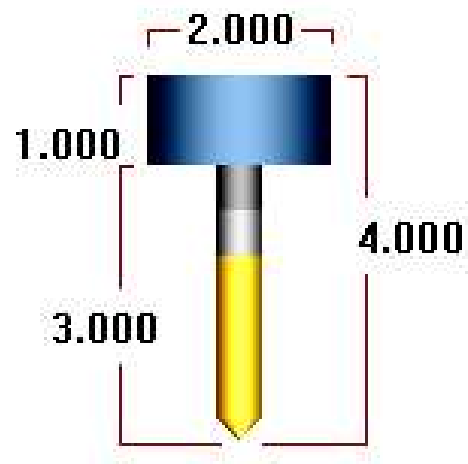
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 500.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: 0.0  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET:



# TOOL INFO

## 1/2 SPOTDRILL

TYPE: Spot drill  
NUMBER: 3  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.8953  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:06



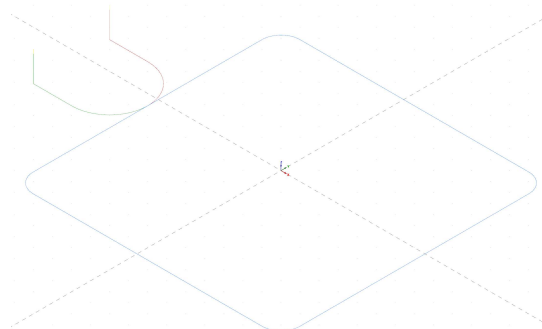


# OPERATION INFO

## 7 - Contour (2D)

CYCLE TIME: 0 HOURS, 0 MINUTES, 8 SECONDS  
COMMENT:

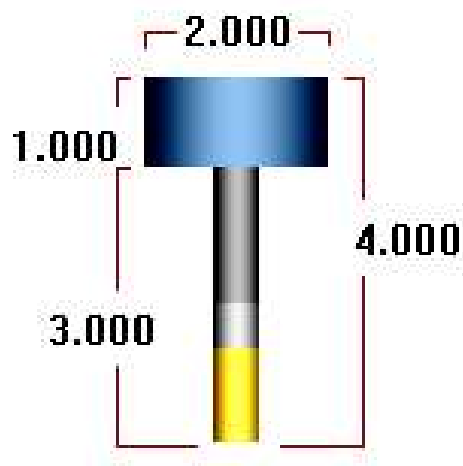
PROGRAM NUMBER: 0  
SPINDLE SPEED: 4966 RPM  
FEEDRATE: 500.0 inch/min  
CLEARANCE PLANE: 2.0  
RETRACT PLANE: 0.25  
FEED PLANE: 0.2  
DEPTH: -0.125  
STOCK TO LEAVE: 0.0  
COMP TO TIP: YES  
WORK OFFSET:



# TOOL INFO

## 1/2 FLAT ENDMILL

TYPE: Flat endmill  
NUMBER: 4  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 4  
DIAMETER OFFSET: 4  
MATERIAL: HSS  
NUMBER OF FLUTES: 4  
FPT: 0.0015 SFM: 139.9215  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:08

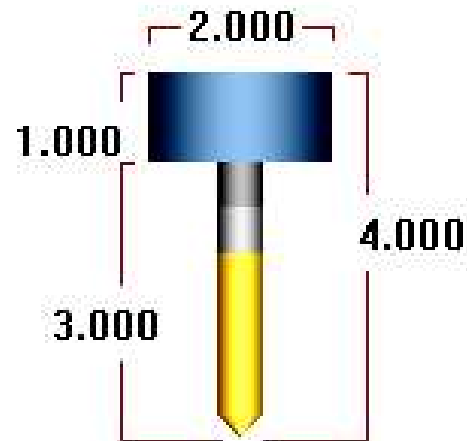


**TOOL LIST**

Sorted: NO

**TOOL INFO****1/2 SPOTDRILL**

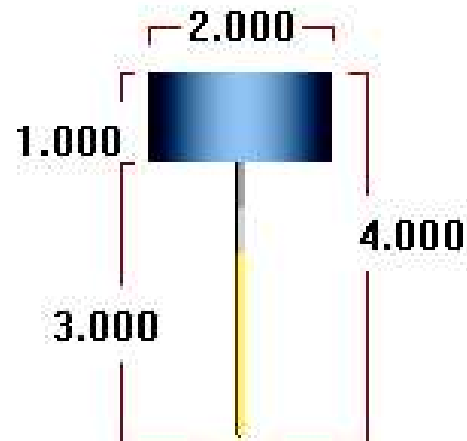
TYPE: Spot drill  
NUMBER: 3  
DIAMETER: 0.5  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 3  
DIAMETER OFFSET: 3  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.8953  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:23



USED BY OPERATION: # 1 1 - Contour (2D)  
USED BY OPERATION: # 2 2 - Drill/Counterbore  
USED BY OPERATION: # 5 5 - Contour (2D chamfer)  
USED BY OPERATION: # 6 6 - Contour (2D chamfer)

**TOOL INFO****1/8 DRILL**

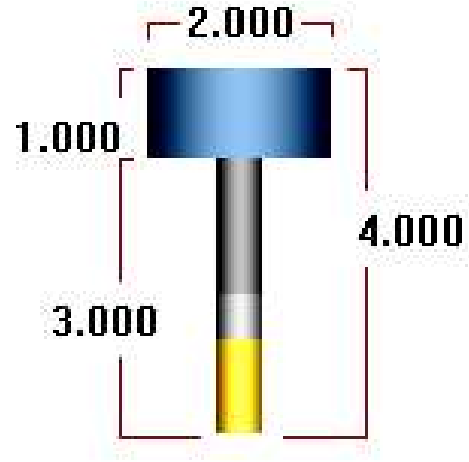
TYPE: Drill  
NUMBER: 1  
DIAMETER: 0.125  
CORNER RADIUS: 0.0  
LENGTH OFFSET: 1  
DIAMETER OFFSET: 1  
MATERIAL: HSS  
NUMBER OF FLUTES: 2  
FPT: 0.001 SFM: 69.9935  
MFG CODE:  
ASSEMBLY:  
HOLDER: Default Holder  
TIME: 00:00:13



USED BY OPERATION: # 3 3 - Peck Drill

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

TYPE:	Flat endmill
NUMBER:	4
DIAMETER:	0.5
CORNER RADIUS:	0.0
LENGTH OFFSET:	4
DIAMETER OFFSET:	4
MATERIAL:	HSS
NUMBER OF FLUTES:	4
FPT: 0.0015	SFM: 139.9215
MFG CODE:	
ASSEMBLY:	
HOLDER:	Default Holder
TIME:	00:00:25



USED BY OPERATION:	# 4	4 - Contour (2D)
USED BY OPERATION:	# 7	7 - Contour (2D)

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

NUMBER:	PLANE: Top	ORIGIN: 0.0, 0.0, 0.0
USED BY OPERATION:	# 1	1 - Contour (2D)
USED BY OPERATION:	# 2	2 - Drill/Counterbore
USED BY OPERATION:	# 3	3 - Peck Drill
USED BY OPERATION:	# 4	4 - Contour (2D)
USED BY OPERATION:	# 5	5 - Contour (2D chamfer)
USED BY OPERATION:	# 6	6 - Contour (2D chamfer)
USED BY OPERATION:	# 7	7 - Contour (2D)