

Name _____

MP101/MF111 Hammer Head Inspection Report Spring 2013

Directions: Measure all dimensions on your part and record them in the actual dimension column. If the actual dimension is within the tolerance range record a "P", if the dimension is outside the tolerance range, record a "F" in the Pass/Fail column. State a comment about the reason why the dimension was not within the tolerance range. On a separate page elaborate on each dimension or feature out of tolerance as to what may have caused the condition and how it would be avoided on subsequent parts.

Hammer Head Inspection Report				
Measurement	Tolerance	Actual	Pass/Fail	Comments
3.50	$\pm .010$			
.875	$\pm .002$			
// .001 to A	.001			
B \perp .001 to A	.001			
C \perp .001 to A	.001			
.875	$\pm .005$			
// .001 to C	.001			
1.44	$\pm .010$			
10°	$\pm .5^\circ$			
1.44	$\pm .010$			
10°	$\pm .5^\circ$			
1.625	$\varnothing .010$			
.438	$\varnothing .010$			
3/8 -16 UNC-2B	Go/no go			
$\varnothing .44 \times 90^\circ$ C'sink	$\pm .010 \times \pm .5^\circ$			
$\varnothing .44 \times 90^\circ$ C'sink	$\pm .010 \times \pm .5^\circ$			
.25	$\pm .010$			
.38	$\pm .010$			
1.19	$\pm .010$			
.88	$\pm .010$			
.030-.040	.010			
Face .06 x 45°	$\pm .010 \times \pm .5^\circ$			
Face .06 x 45°	$\pm .010 \times \pm .5^\circ$			
Face .06 x 45°	$\pm .010 \times \pm .5^\circ$			
Face .06 x 45°	$\pm .010 \times \pm .5^\circ$			
End .06 x 45°	$\pm .010 \times \pm .5^\circ$			
End .06 x 45°	$\pm .010 \times \pm .5^\circ$			

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