

Name _____

MP101/MF111 Hammer Handle 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 Handle Inspection Report				
Measurement	Tolerance	Actual	Pass/Fail	Comments
8.63	±.010			
4.50	±.010			
0.844	±.005			
0.656	±.005			
Ø.594 diameter	±.005			
Concentricity to A	Ø.002			
Ø.468	±.005			
Ø.290	±.005			
.03 length x	±.010			
45° Chamfer	±.5°			
.03 length x	±.010			
45° Chamfer	±.5°			
.06 length x	±.010			
45° Chamfer	±.5°			
3/8 -16 UNC-2A	----			
Major diameter	.3643-.3737			
16 TPI	----			
Pitch diameter	.3287-.3331			
Concentricity to A	Ø.001			
.06 Radius	±.010			
#4 Center drill	----			
.23 diameter	±.010			
#4 Center drill	----			
.23 diameter	±.010			
Diamond knurl	Accept/non			



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