
MATERIAL FINISH
Steel/Acetel Plastic

COMMENTS:

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32
ANGULAR: MACH .5 BEND ± .01
TWO PLACE DECIMAL ± .005
THREE PLACE DECIMAL ± .000
INTERPRET DRAWING PER: ASME Y14.5-1994
**Hammer Head**

**Material:** Low Carbon Steel

- **Dimensions:**
  - $\phi .201$ THRU
  - $\frac{1}{4}-20$ UNC THRU (Centerdrill .200)
  - $\phi 1.000$
  - R.125 X .125 DEEP (2 PLCS)
  - .03 X 45.00° CHAMFER

- **Tolerances:**
  - Fractional: $\pm \frac{1}{32}$
  - Angular: MACH: $\pm .5$ BEND: $\pm .1$
  - Two Place Decimal: $\pm .01$
  - Three Place Decimal: $\pm .005$

- **Finish:**

- **Comments:**
  - REMOVE ALL SHARP EDGES AND BURRS

- **Drawn:** EJJ
  - Date: 06/11/2021
- **Checked:** DKR
  - Date: 06/11/2021

**Scale:** 1:1

**Weight:**

**Sheet:** 2 of 7
.016 X 45.00° CHAMFER

∅ .434

∅ .5635

∅ .5635

4.00

DETAIL E
SCALE 2 : 1

∅ .453 ∨ .625
1/2-20 UNF ∨ .575
∨ ∅ .520 X 60°, NEAR SIDE

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/32'
ANGULAR: MACH 0.5 BEND ± .01
TWO PLACE DECIMAL ± .005
THREE PLACE DECIMAL ± .002

INTERPRET DRAWING PER: ASME Y14.5-1994

MATERIAL 1/2 steel tubing
FINISH
COMMENTS:

DRAWN EJJ
CHECKED DKR

DATE 06/11/2021
DATE 06/11/2021

REMOVE ALL SHARP EDGES AND BURRS

Tube

SCOPE & SCALE: 1:1
WEIGHT:
SHEET 3 OF 7
Turn, Part-off, using Trak program 303, 450RPM, tools #8, #3

1. Chuck stock 1.5" from Chuck jaws
2. Face bar with tool #8, Zero Z axis
3. Run Program 303

(Centerdrill .200)

\[ \varnothing \, 0.201 \pm 0.001 \]

\[ 1/4-20 \, \text{UNC} \pm 0.005 \]

\[ \varnothing \, 1.000 \]
Trak Lathe Prog 713 to drill 5/16 dia hole
Turn part around
Trak Lathe Prog 712 to turn, thread, and drill .25 dia hole
See Operation sheet for instructions
Hammer Handle

MATERIAL: Acetel
FINISH: 
COMMENTS: 3D Printed Part. Print with FFF Carbon Fiber/ABS

DIMENSIONS ARE IN INCHES
TOLERANCES:
- FRACTIONAL: ±1/32"
- ANGULAR: MACH ±.5 BEND ±.01
- TWO PLACE DECIMAL: ±.01
- THREE PLACE DECIMAL: ±.005

INTERPRET DRAWING PER: ASME Y14.5-1994

UNLESS OTHERWISE SPECIFIED:
- SIZE UNLESS OTHERWISE SPECIFIED
- MATERIAL Acetel
- FINISH 
- COMMENTS 3D Printed Part. Print with FFF Carbon Fiber/ABS
- DRAWN EJJ
- CHECKED DKR
- DATE 06/11/2021
- DATE 06/11/2021
- SCALE: 1:2
- WEIGHT: 
- SHEET 6 OF 7

REMOVE ALL SHARP EDGES AND BURRS

ROLL BEND 2.608
3.330
3.500
DRILL HOLE 2.708
DEPTH .210
.495
.457
.210
.990

.563
2.900

.125 .115 DEEP (6 PLACES)
R.150
R.370
R.911
R.016

#2 Phillips Drive Bit

Material: Tool Steel

Dimensions are in inches

Tolerances:
- Fractional: ± 1/32”
- Angular: Mach: ± 0.5° Bend: ± 0.01°
- Two place decimal: ± .01
- Three place decimal: ± .005

Interpret drawing per: ASME Y14.5-1994

Interpret drawing per: ASME Y14.5-1994

Remove all sharp edges and burrs

Scale: 1:2

Weight:

Part: 100

Sheet 7 of 7

Date: 06/11/2021

Drawn: EJJ

Checked: DKR

Checked: DKR

Date: 06/11/2021

Date: 06/11/2021