Drilled and Countersunk for 4-40 UNC

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**Thread Tolerances:**
- X.X ±0.03 for Angles
- X.XX ±0.015 for Finish 125

**Surface Treatments:**
- Surface Treatment: Cold Drawn
- Finishing: 125

**NOTES:**
- Cut Round 1/2" Diameter Threads
- Chamfer Ends of All Screw Threads
- Break Edges .016 Max. on Machined Surfaces
- Remove Burrs, Weld Splatter & Loose Scale

**UNLESS OTHERWISE SPECIFIED:**
- Tolerances: 0.1/64 for X.X and 0.03 for X.XX
- Angles: 0.25
- Finish: 125

**NOT TO SCALE:**

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**Drawing Information:**
- Type: PART
- Model: TRANSFER_HOOK_BRACKET.STP
- Drawing: LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA-BERKELEY
- Released: 12-09
- Design Account No.: 27G446
- Category Code: C
- Shop Orders: 80DB01
- Serial No.: -
- Date Issued: -
- Quantity: 6
- Delivered To: LEIF STEINHOUR
- Surface Treatment: Cold Drawn
- Finishing: 125
- Note: Threaded parts are Class 2

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**General Notes:**
- Tolerances: 0.1/64 for X.X and 0.03 for X.XX
- Angles: 0.25
- Finish: 125

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**REV:**
- Initial Draft

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**DRAWING:**
- LAWRENCE BERKELEY NATIONAL LABORATORY
- UNIVERSITY OF CALIFORNIA-BERKELEY
- Shipping Cane Hook Bracket
NOTE: DIMENSIONS AS PER BENT MODEL, FLATTENED VIEW FOR REFERENCE ONLY

SCALE 1:1

UNLESS OTHERWISE SPECIFIED
TOLERANCES

X.X ±0.1

X.XX ±0.03

X.XXX ±0.015

FINISH 125

DO NOT SCALE PRINT

THREADS ARE CLASS 2

CHAMFER ENDS OF ALL SCREW THREADS

CUT ROUND, 1/3 THREAD RELIEF ON MAJOR DIA.

BREAK EDGES .016 MAX. ON MACHINED WORK

REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

IN ACCORDANCE WITH ASME Y14.5M & B46.1
SPECIFICATIONS IDENTICAL WITH MIDDLE INSERT EXCEPT FOR THE INCLUSION OF TWO TAPPED HOLES

Tapped for 6-32 UNC

33.66 ±0.25
[ 1.325 ±0.10 ]

40.32 ±0.25
[ 1.588 ±0.10 ]

20.16 ±0.25
[ 0.794 ±0.010 ]

UNLESS OTHERWISE SPECIFIED
TOLERANCES
X.X  ±0.1
FRAC  ±1/64

X.XX ±0.03
Angles  ±0.03

X.XXX ±0.015
FINISH 125

THREADS ARE CLASS 2
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE IN ACCORDANCE WITH ASME Y14.5M & B46.1

DO NOT SCALE PRINT

SHAPER EDGES OF ALL SCREW THREADS
Section 7A