Ø1.2974
Ø1.2969

// | Ø0.0005 | A

⌖ | Ø0.0005 | A | B

6X Ø0.6875 THRU

9.750 ±0.001

3× #10-24 UNC - 2B ↧0.285
Ø0.149 ↧0.276

Ø4.000 B.C.

Ø2.3224
Ø2.3219

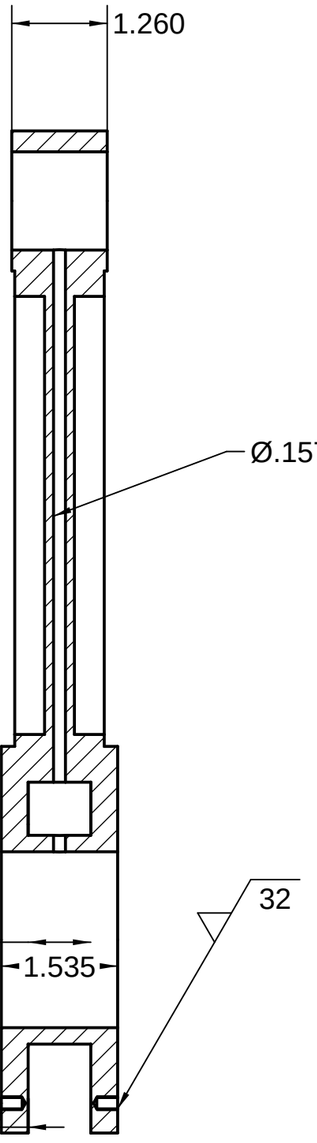
Ø5.102

B

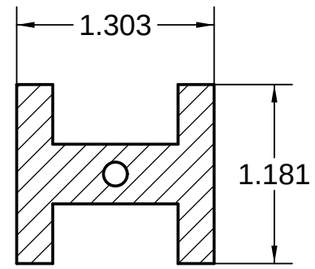
A

A

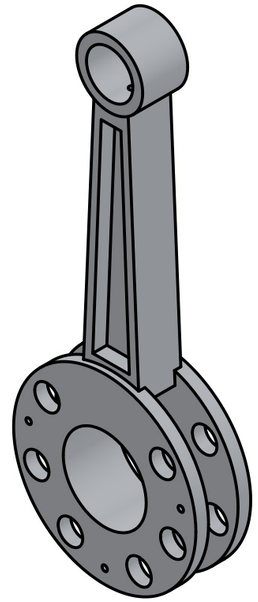
B



SECTION B-B
SCALE 1:2



SECTION A-A
SCALE 1:1



NOTES:
1. MATERIAL: AISI 4140 FORGING, HEAT TREAT TO 28-32 HRC.
2. MAGNETIC PARTICLE INSPECT PER ASTM E1444, NO INDICATIONS.
3. SHOT PEEN SHANK AND WEB POCKETS, 0.008-0.012 A INTENSITY.
4. BEARING BORE AND KNUCKLE PIN BORES BORED IN ONE SETUP.
5. BREAK SHARP EDGES 0.005-0.015.
6. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES

TITLE			COMPANY	
MASTER ROD			**RADIAL ENGINE PROJECT**	
DWG NO.	REV	SIZE	DATE	DRAWN
RE-670-112	C	ANSI B	2026-11-02	LETA ASSIST
MATERIAL	SCALE	SHEET	THIRD ANGLE	CHECKED
Steel 4140	1:2	1 OF 1		