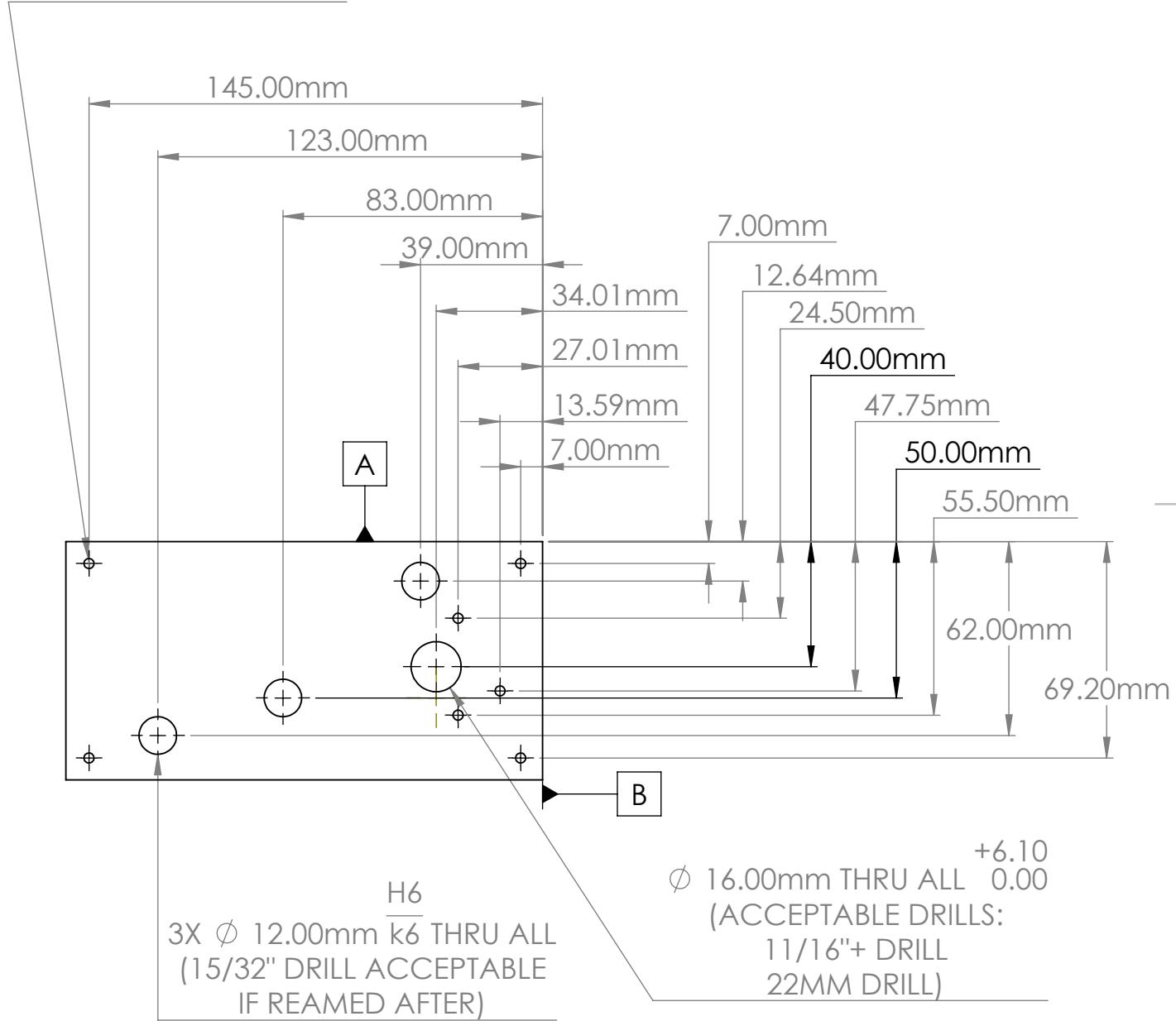


NOTE: THIS PAGE HAS ALL DIMENSIONS FOR PART BUT IS DIFFICULT TO READ. THERE ARE TWO ADDITIONAL SHEETS THAT GROUP DIMENSIONS BY HOLE DIA.

7X ϕ 3.20mm THRU ALL
1/8" DRILL ACCEPTABLE



UNLESS OTHERWISE SPECIFIED;
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: as machined
TOLERANCES:
LINEAR: ± 0.13 mm (0.005in)
ANGULAR: ± 2 deg

FINISH: As machined
VENDOR: McMasterMcMaster
VENDOR: McMaster8574K281

TITLE:

Center plate

DO NOT SCALE DRAWING

REVISION 1

MATERIAL:
PC High Viscosity

DWG NO.

Y325_01b

NAME

DATE

DRAWN JW BOOTH

8/30/2023

CHK'D

MASS: 83.2483.24g

SCALE:1:2

SHEET 1 OF 5

4

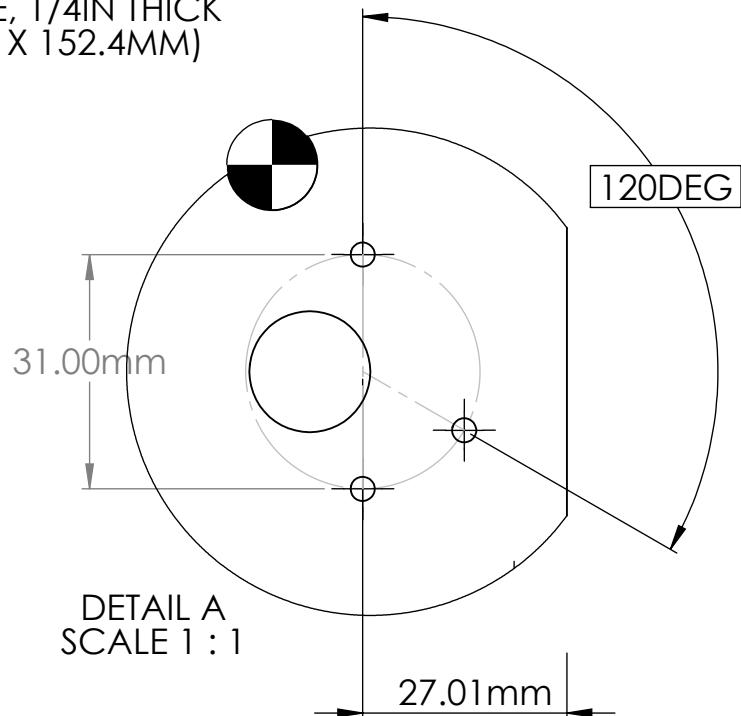
3

2

1

F

NOTE: STOCK MATERIAL 6IN x 6IN PLATE, 1/4IN THICK
CUT IN BANDSAW TO 3IN X 6 IN (76MM X 152.4MM)

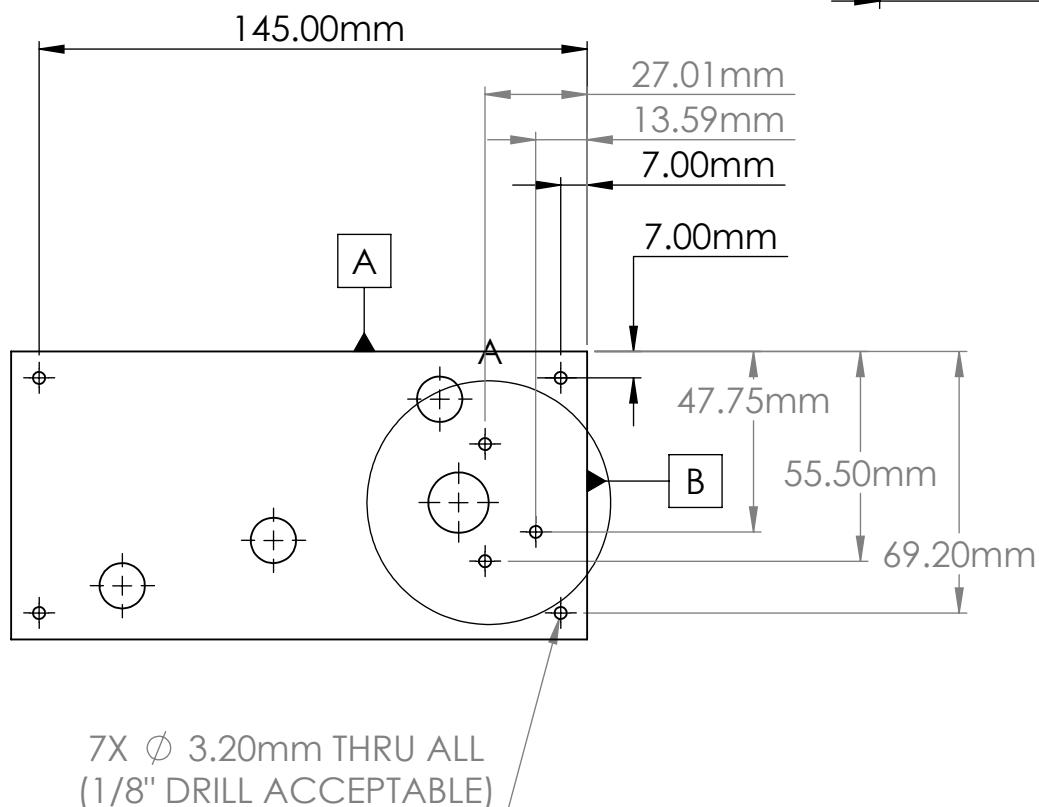


E

D

C

B



UNLESS OTHERWISE SPECIFIED;
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: as machined
TOLERANCES:
LINEAR: ± 0.13 mm (0.005in)
ANGULAR: ± 2 deg

FINISH: As machined
VENDOR: McMaster
VENDOR: McMaster8574K281

DEBURR AND
BREAK SHARP
EDGES

TITLE:

Center plate

A

DO NOT SCALE DRAWING	REVISION	I	MATERIAL:	DWG NO.
	NAME	DATE	PC High Viscosity	Y325_01b
DRAWN	JW BOOTH	8/30/2023	MASS: 83.2483.24g	SCALE:1:2
CHK'D				SHEET 2 OF 5

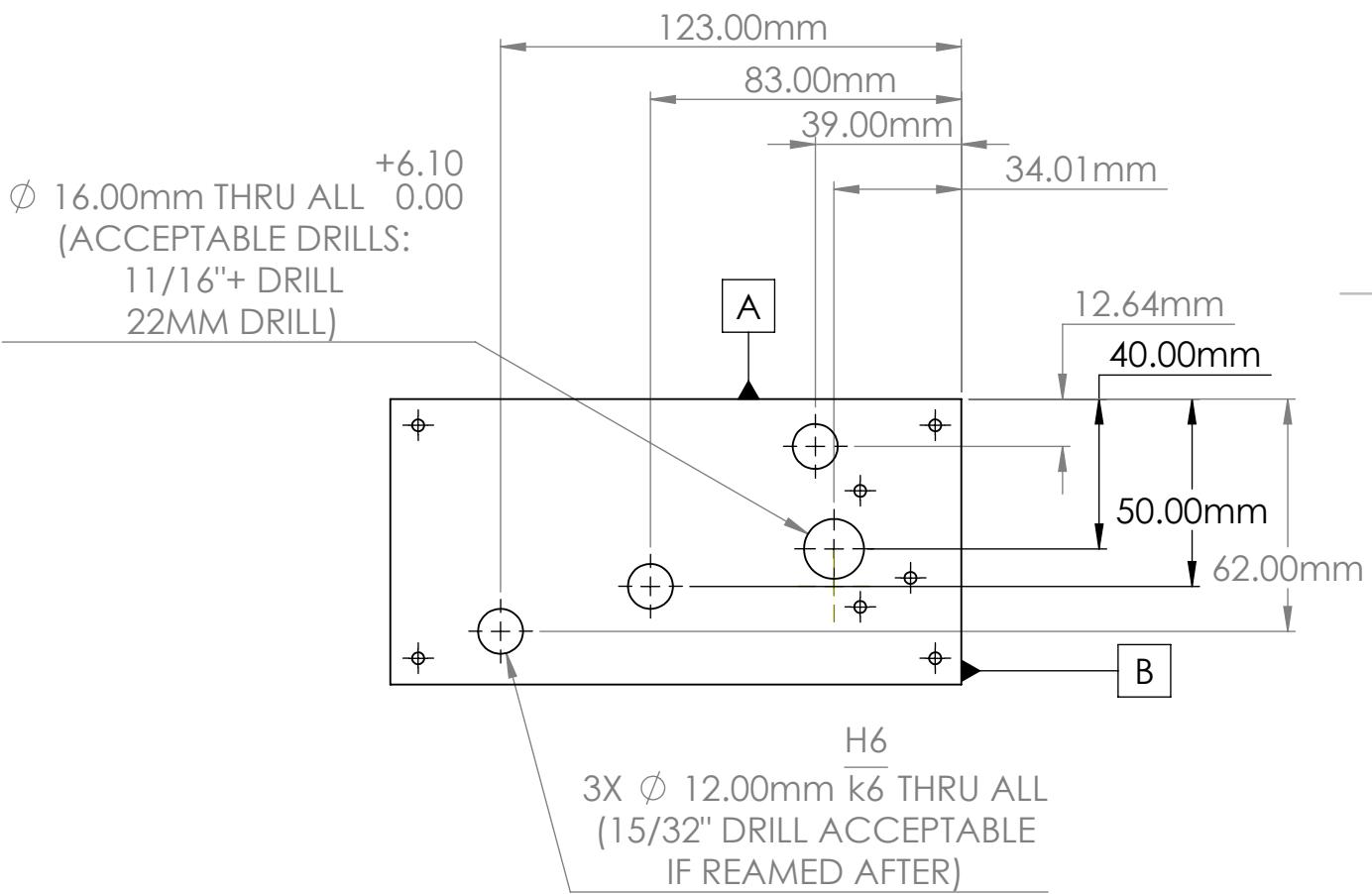
4

3

2

1

NOTE: STOCK MATERIAL 6IN x 6IN PLATE, 1/4IN THICK
 1) DRILL 3MM HOLES (PRIOR PAGE)
 2) CHANGE TOOL BUT DO NOT UNCLAMP PART!
 3) DRILL 16MM HOLE
 4) CHANGE TOOL
 5) DRILL ALL 12MM HOLES
 (STEPS 3 AND 5 CAN BE FLIPPED)



UNLESS OTHERWISE SPECIFIED;
 DIMENSIONS ARE IN MILLIMETERS
 SURFACE FINISH: as machined
 TOLERANCES:
 LINEAR: $\pm 0.13\text{mm}$ (0.005in)
 ANGULAR: ± 2 deg

FINISH: As machined
 VENDOR: McMasterMcMaster
 VENDOR: McMaster8574K281

TITLE:

Center plate

DO NOT SCALE DRAWING

REVISION

1

MATERIAL:

PC High Viscosity

DWG NO.

Y325_01b

DRAWN: JW BOOTH

NAME

DATE

8/30/2023

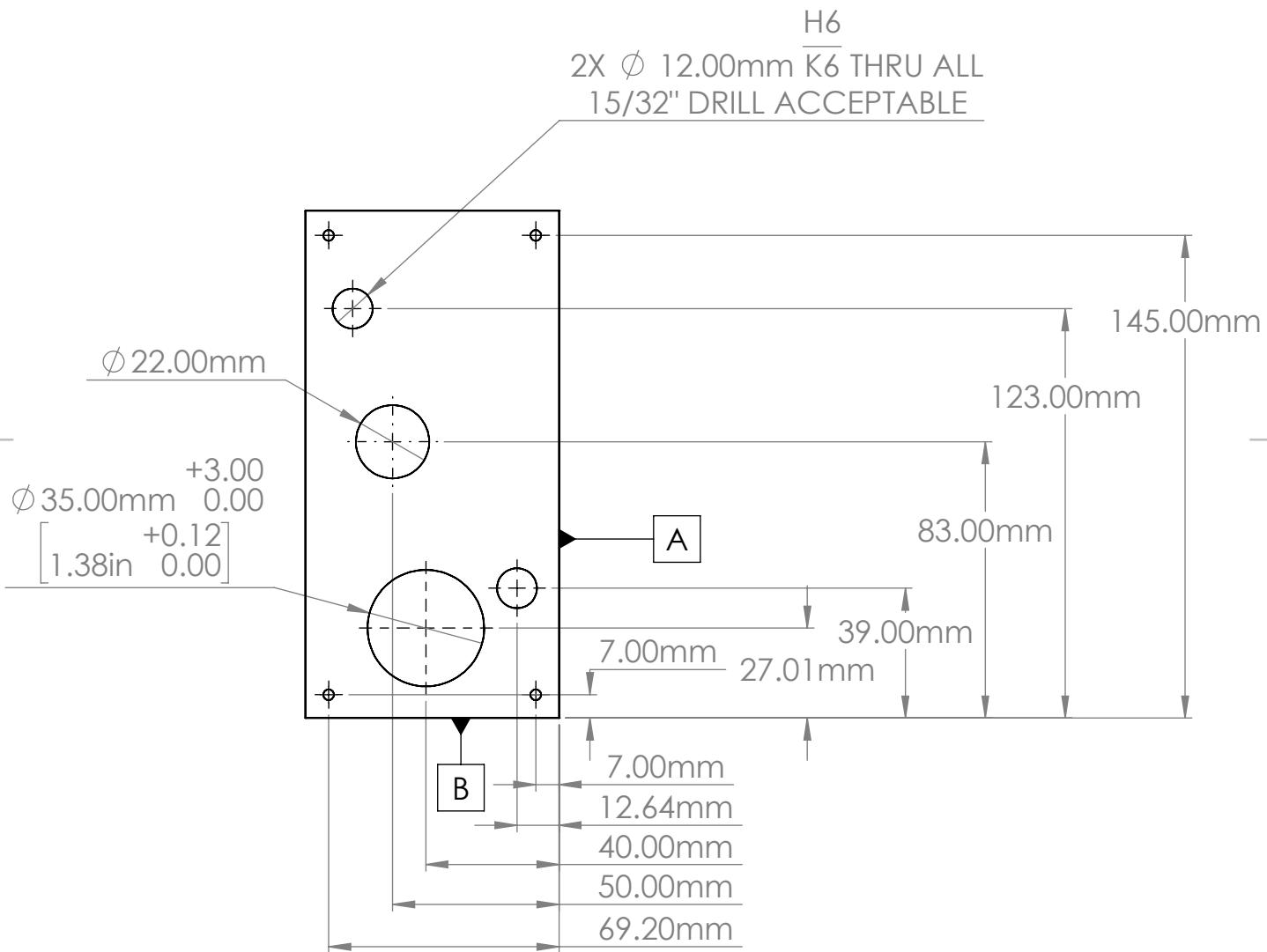
CHK'D

MASS: 83.2483.24g

SCALE: 1:2

SHEET 3 OF 5

NOTE: STOCK MATERIAL 6IN x 6IN PLATE, 1/4IN THICK
 1) 3MM HOLES AND 12MM HOLES ARE IN SAME
 POSITIONS AS CENTER PLATE
 2) CUT 22MM AND 35MM HOLES ON A CNC



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 SURFACE FINISH: as machined
 TOLERANCES:
 LINEAR: ± 0.13 mm (0.005in)
 ANGULAR: ± 2 deg

FINISH: As machined
 VENDOR: McMasterMcMaster
 VENDOR: McMaster8574K281

TITLE:

6-bar plate

DO NOT SCALE DRAWING

REVISION

1

DRAWN: JW BOOTH

DATE

8/30/2023

CHK'D

MATERIAL:

PC High Viscosity

DWG NO.

SCALE:1:2

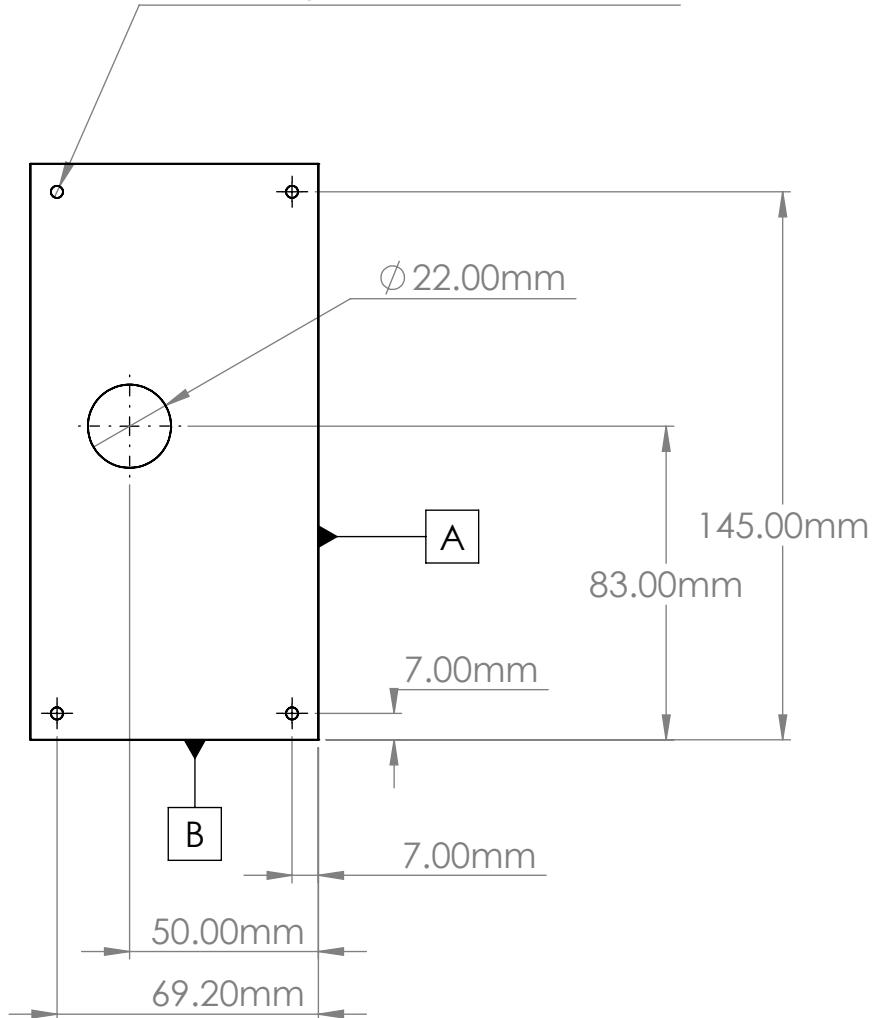
SHEET 4 OF 5

Y325_01a

NOTE: STOCK MATERIAL 6IN x 6IN PLATE, 1/4IN THICK

- 1) Zero to the A and B datums
- 2) Drill holes

4X ϕ 3.20mm THRU ALL
#31 OR 1/8" DRILL ACCEPTABLE



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: as machined
TOLERANCES:
LINEAR: ± 0.13 mm (0.005in)
ANGULAR: ± 2 deg

FINISH: As machined
VENDOR: McMaster
VENDOR: McMaster8574K281

DEBURR AND
BREAK SHARP
EDGES

TITLE:

Flywheel plate

DO NOT SCALE DRAWING		REVISION	1	MATERIAL:	DWG NO.	
		NAME	DATE	PC High Viscosity		Y325_01c
DRAWN	JW BOOTH	8/30/2023		MASS: 83.2484.64g	SCALE: 1:2	SHEET 5 OF 5
CHK'D						