

MICRODRIVE VERSION 9.1

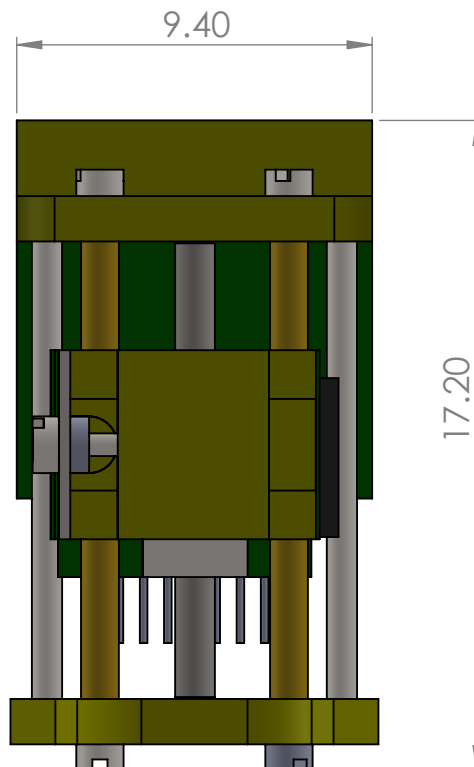
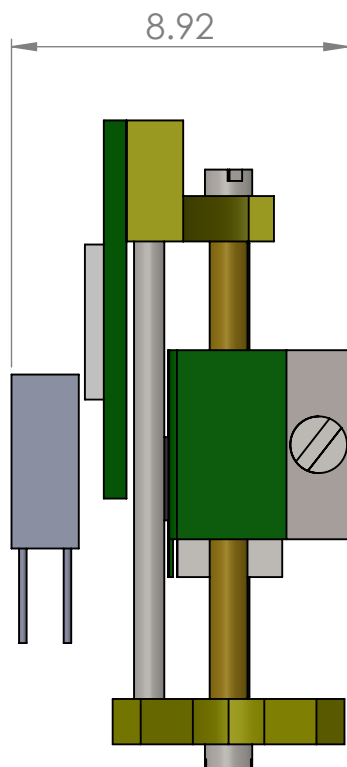
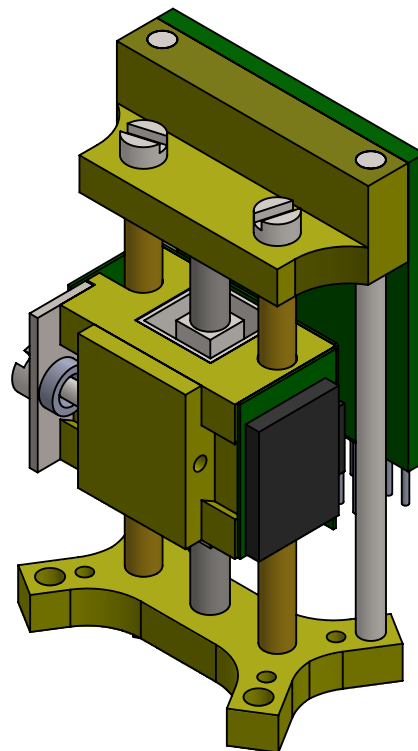
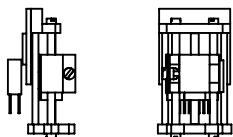
Mass properties of all components
including screws, PCBs, piezodrive

Mass = 0.89 grams

Volume = 356.98 cubic millimeters

Surface area = 1709.13 square millimeters

Scale 1:1



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE	
DRAWN				
CHK'D				
APPV'D				
MFG				

TITLE:	
DWG NO.	

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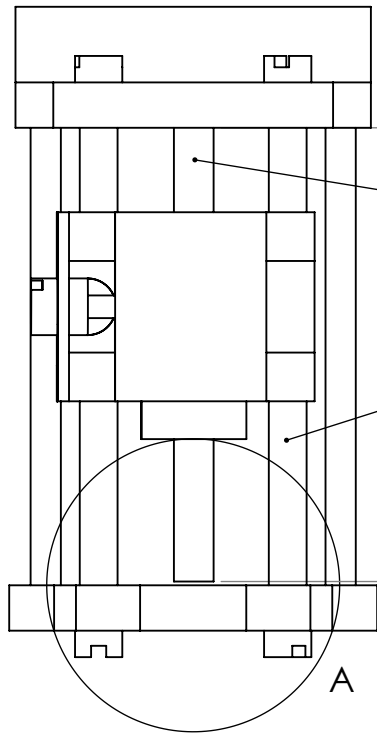
DrawingTech

A4

WEIGHT:

SCALE:5:1

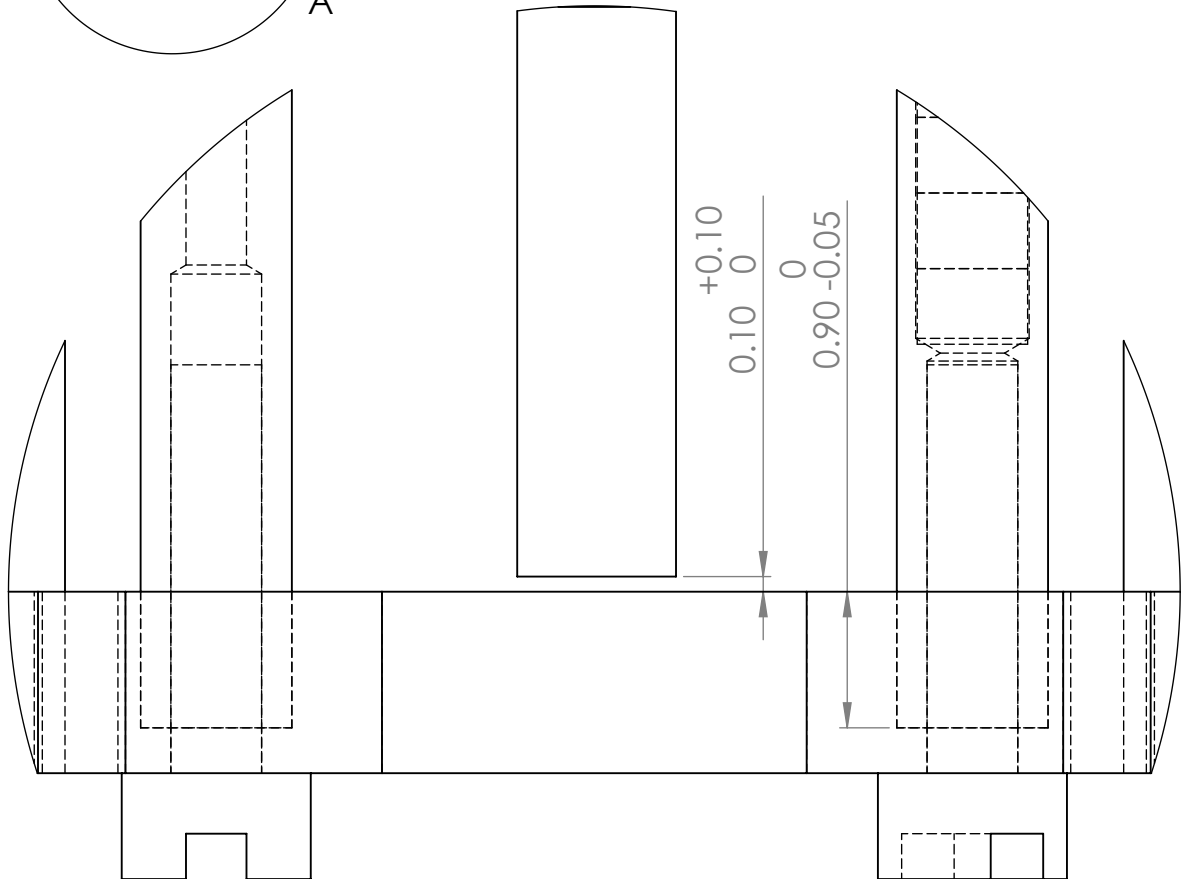
SHEET 1 OF 6



Welle
Länge 12.00

Berylco Tube
Länge 13.90

12
+0.10
12.10 -0.05



DETAIL A
SCALE 20 : 1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DO NOT SCALE
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE	
DRAWN				
CHK'D				
APPV'D				
MFG				

TITLE:	
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Q.A.				

DWG NO.		A4
SCALE:5:1		
SHEET 2 OF 6		

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4

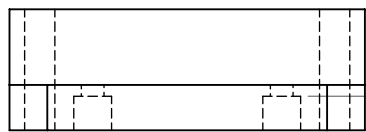
3

2

1

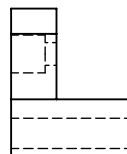
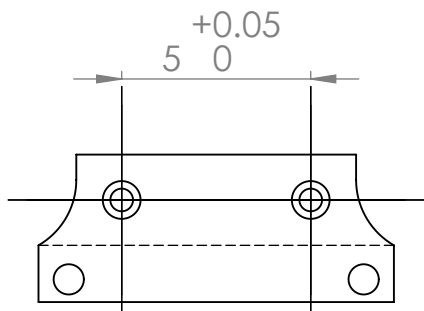
F

F

 $0.90 \begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$ $\phi 1 \begin{smallmatrix} +0.05 \\ 0 \end{smallmatrix}$

E

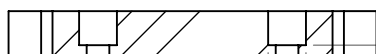
E



D

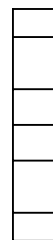
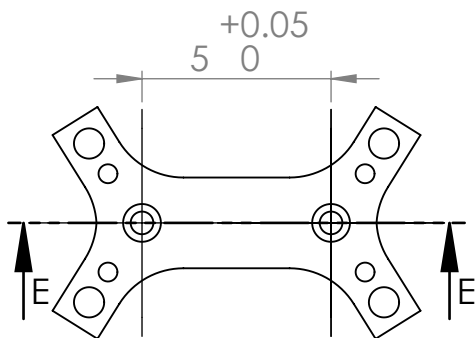
D

SECTION E-E

 $0.90 \begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$ $\phi 1 \begin{smallmatrix} +0.05 \\ 0 \end{smallmatrix}$ 

C

C



B

B

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
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ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE		
DRAWN					
CHK'D					
APPV'D					
MFG					

TITLE:

COVER MOUNT
BASE MOUNT

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DWG NO.

DrawingTech

A4

WEIGHT:

SCALE:5:1

SHEET 3 OF 6

4

3

2

1

A

A

4

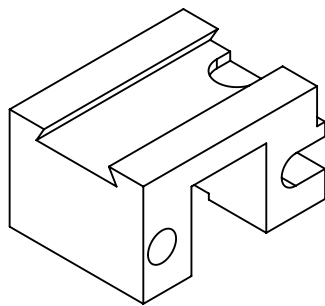
3

2

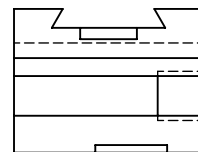
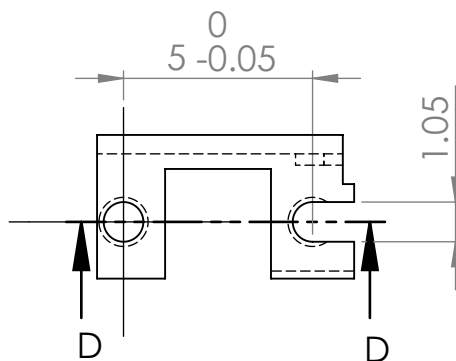
1

F

F

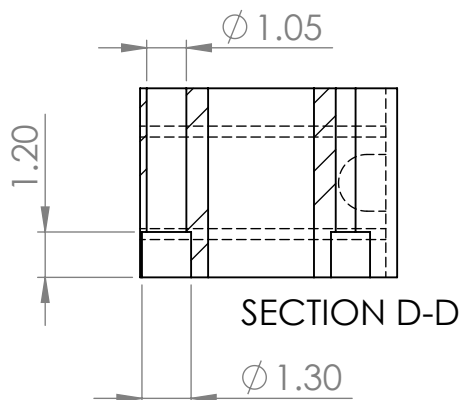


shuttle O-U



E

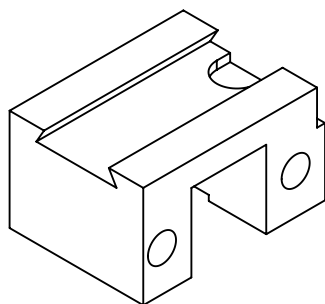
E



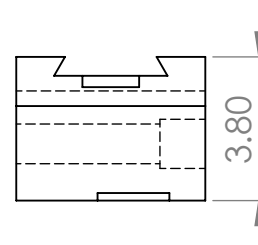
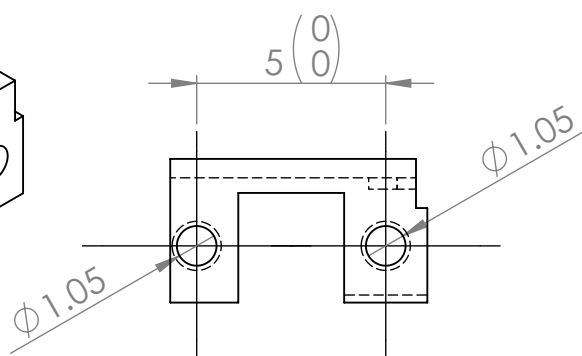
SECTION D-D

D

D

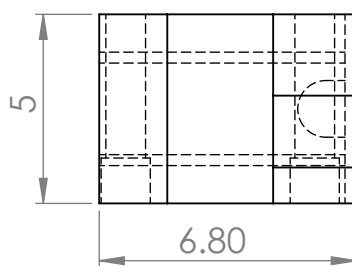


shuttle O-O



C

C



B

B

UNLESS OTHERWISE SPECIFIED:
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SURFACE FINISH:
TOLERANCES:
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ANGULAR:

FINISH:

DEBURR AND
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EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE	
DRAWN				
CHK'D				
APPV'D				
MFG				
Q.A.				

TITLE:

SHUTTLE
VERSION O-O + O-U

DWG NO.

DrawingTech

A4

WEIGHT:

SCALE:5:1

SHEET 4 OF 6

4

3

2

1

A

A

4

3

2

1

F

F

E

E

D

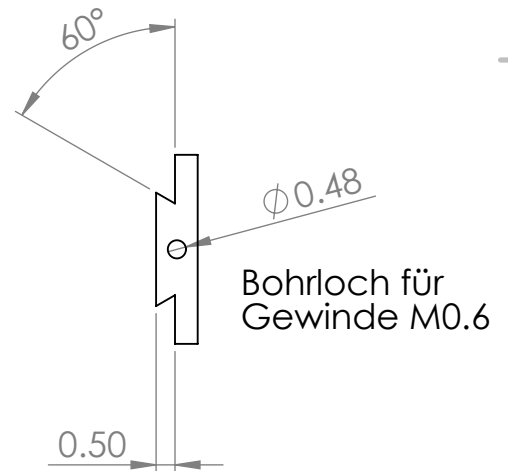
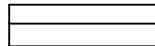
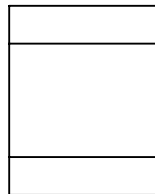
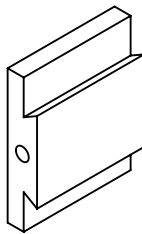
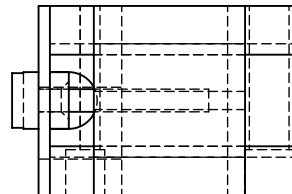
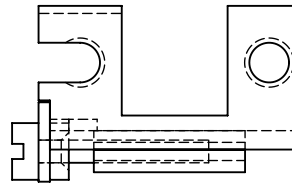
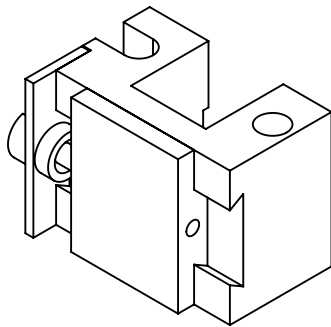
D

C

C

B

B



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REVISION

	NAME	SIGNATURE	DATE		
DRAWN					
CHK'D					
APPV'D					
MFG					

TITLE:

PROBE HOLDER

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WEIGHT:

SCALE:5:1

SHEET 5 OF 6

4

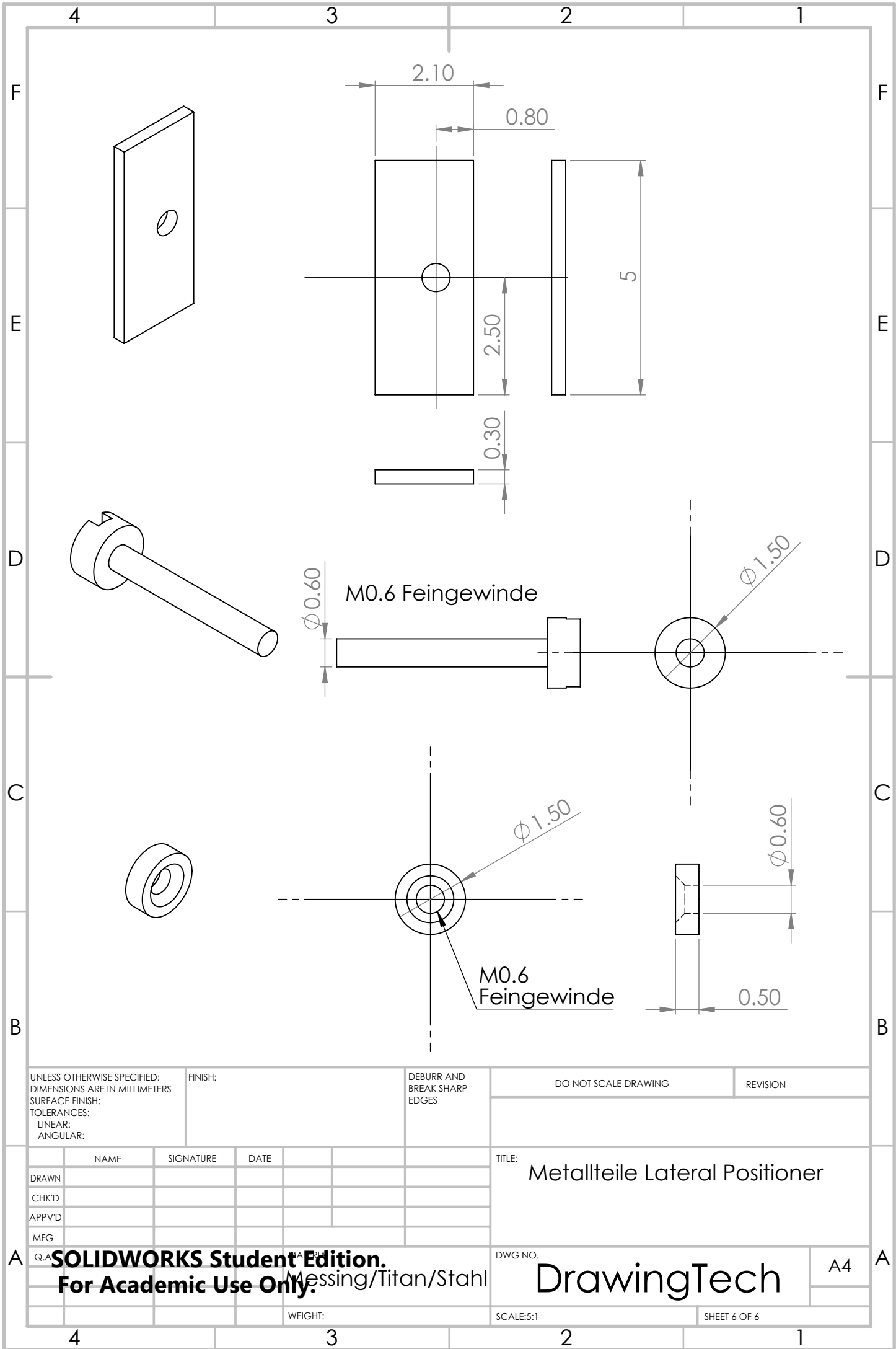
3

2

1

A

A



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REVISION

	NAME	SIGNATURE	DATE		
DRAWN					
CHK'D					
APPV'D					
MFG					
Q.A.					
MATERIAL: Messing/Titan/Stahl					
WEIGHT:					

TITLE: Metallteile Lateral Positioner

DWG NO.

DrawingTech

A4

SCALE:5:1

SHEET 6 OF 6