

4

3

2

1

F

WALL PEG MOLD: DRAWINGS AND STEPS

F

E

E

D

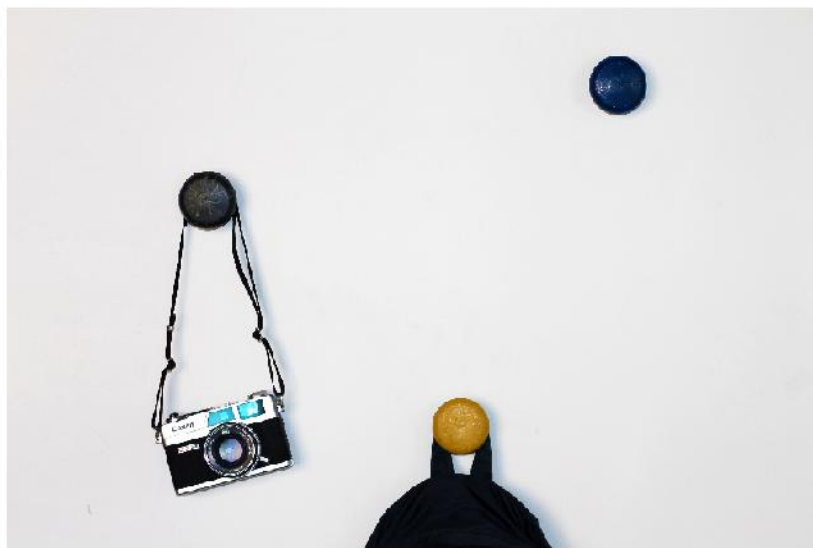
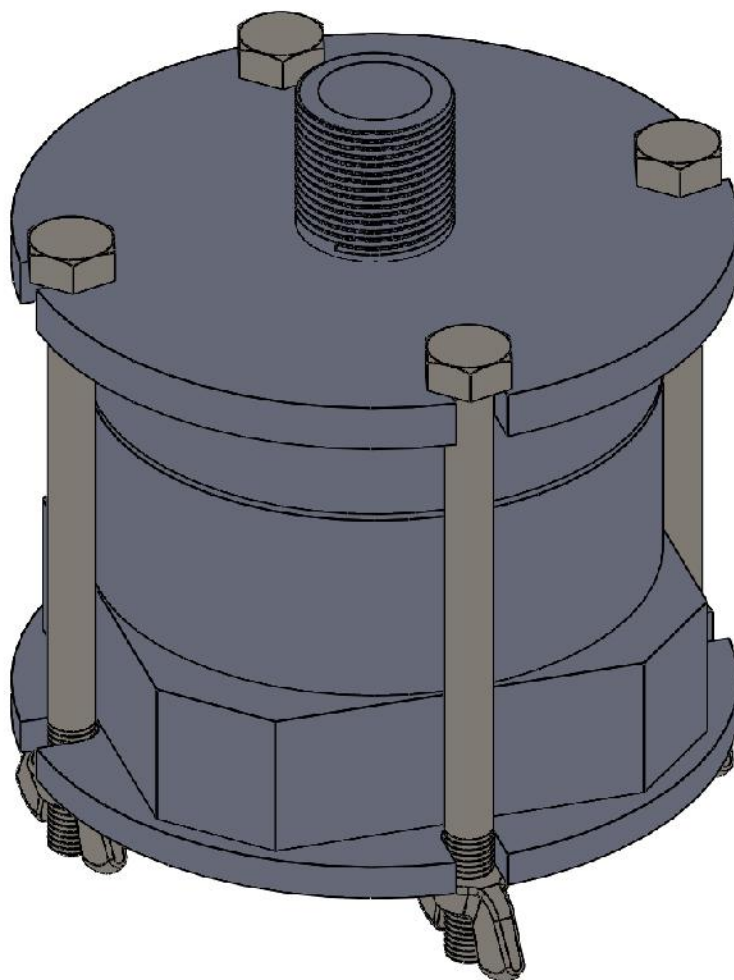
D

C

C

B

B



C

B

A

A

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MOLD BODY:

All assembled

CONTENT:

Assembled mold view
and Product image

PART NUMBER:

All: 1 to 11

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 1 OF 12

Format:
LetterMM/DD/YY
10/11/2019

4

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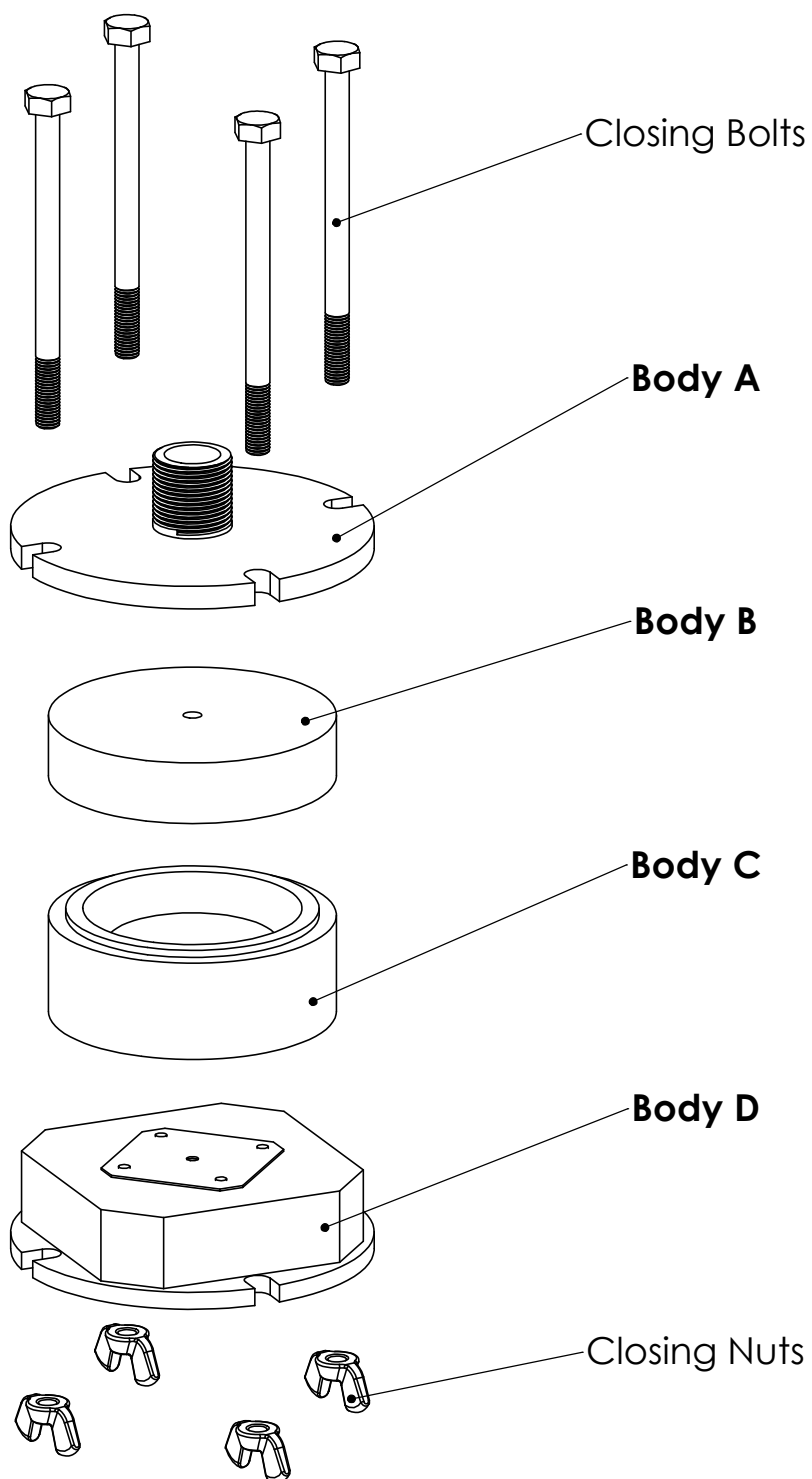
1

4

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2

1

MOLD BODIES:

MOLD BODY:

All: A+B+C+D

CONTENT:

Bodies identification

PART NUMBER:

All: 1 to 11

DWG NO.

Wall Peg Mold

Format:
LetterMM/DD/YY
10/11/2019

SCALE:1:2

UNITS: MM

SHEET 2 OF 12

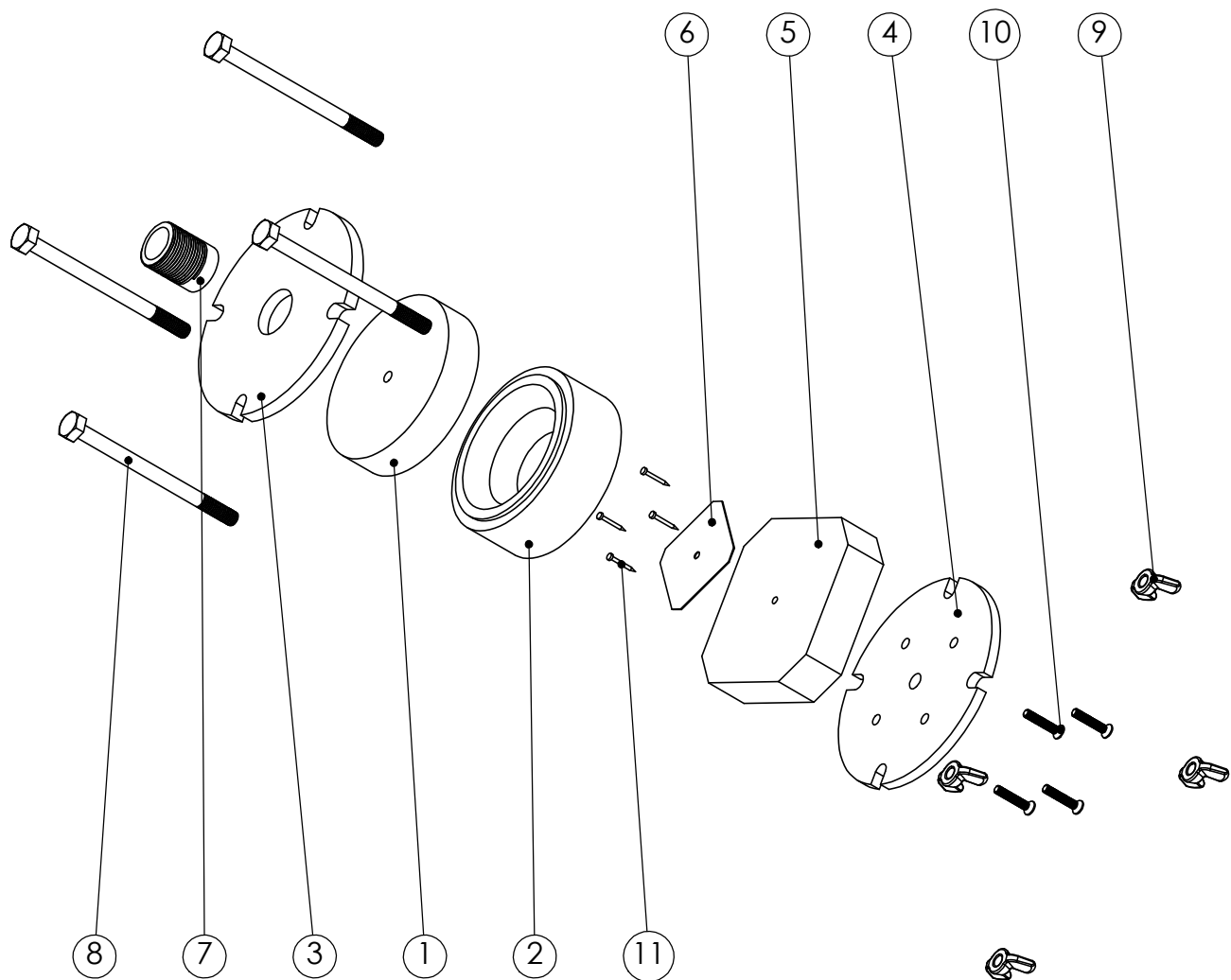
4

3

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1

MOLD PARTS:



Part #	Qty.	Length	Material	Mold body
1	1	25mm	3" diameter Aluminum Bar	B
2	1	35mm	3" diameter Aluminum Bar	C
3	1	4" diameter	1/4" Steel sheet	A
4	1	4" diameter	3/16" Steel sheet	D
5	1	90mm	90mm x 20mm Wood plank	D
6	1	40mm x 40mm	C.30 Steel sheet	D
7	1	1 1/2"	1/2" Steel pipe nipple	A
8	4	3 1/2"	1/4" Bolts	Closing
9	4	1/4"	Butterfly nuts	Closing
10	4	3/4"	3/16" Wood screws	D
11	4	1/2"	Flat headed wood nails	D


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MOLD BODY:

All: A+B+C+D

CONTENT:

Mold Parts Identification

PART NUMBER:

All: 1 to 11

DWG NO.

Wall Peg Mold

SCALE:1:2

UNITS: MM

SHEET 3 OF 12

Format:
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10/11/2019

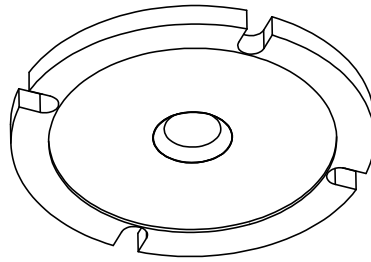
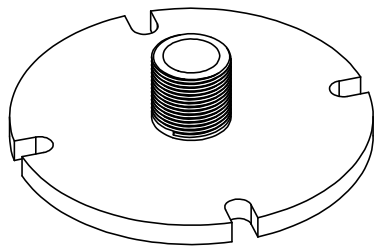
4

3

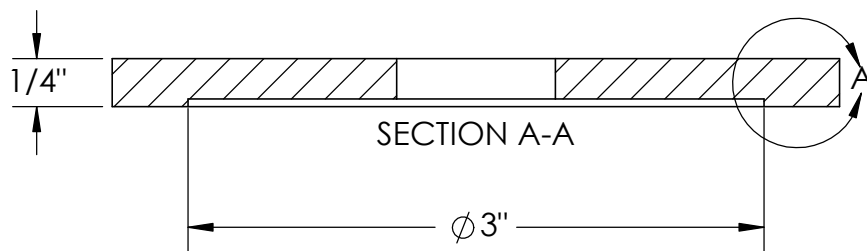
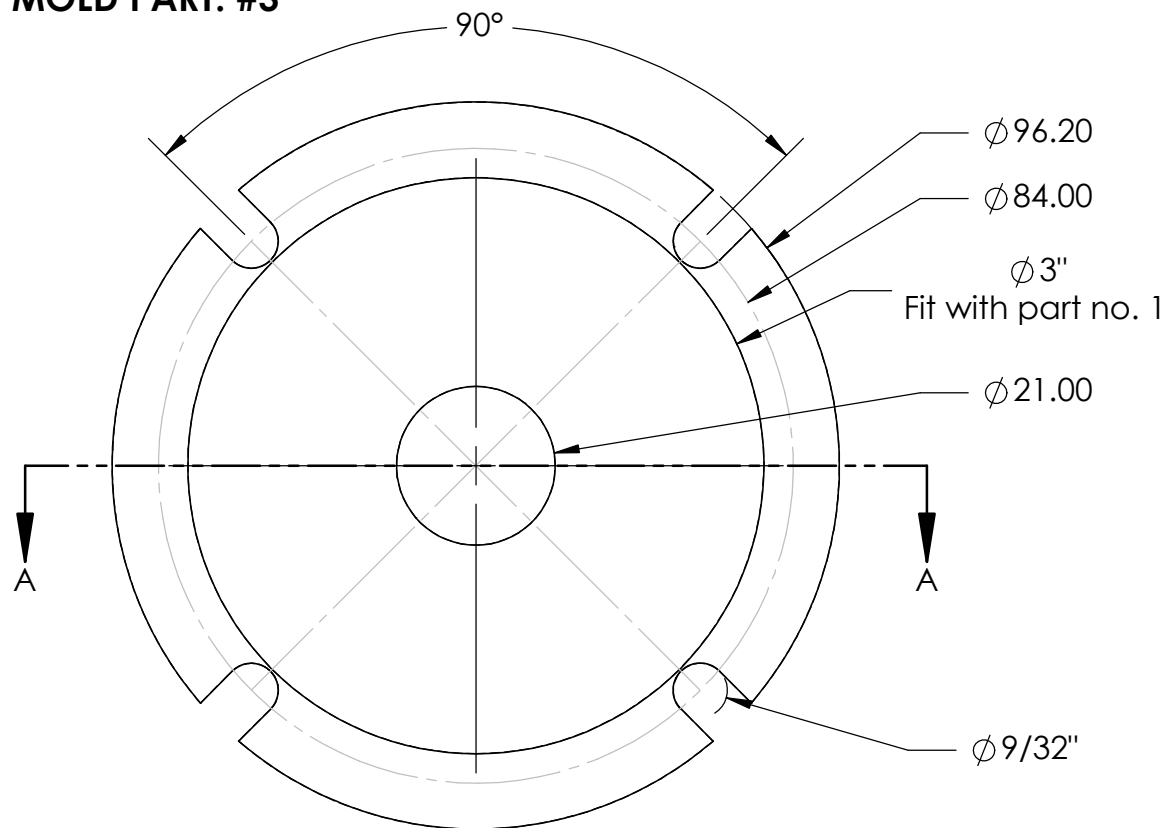
2

1

MOLD BODY: A



MOLD PART: #3



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MOLD BODY:

A: Nozzle

CONTENT:

Nozzle Flange holes,
cuts and machining

PART NUMBER:

3: Nozzle flange

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 4 OF 12

Format:
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10/11/2019

4

3

2

1

A

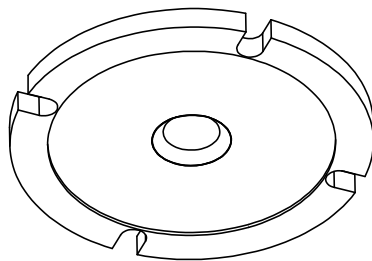
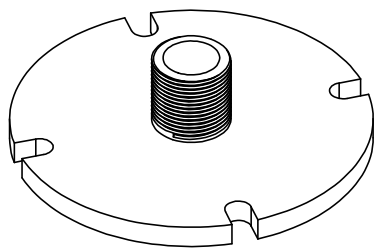
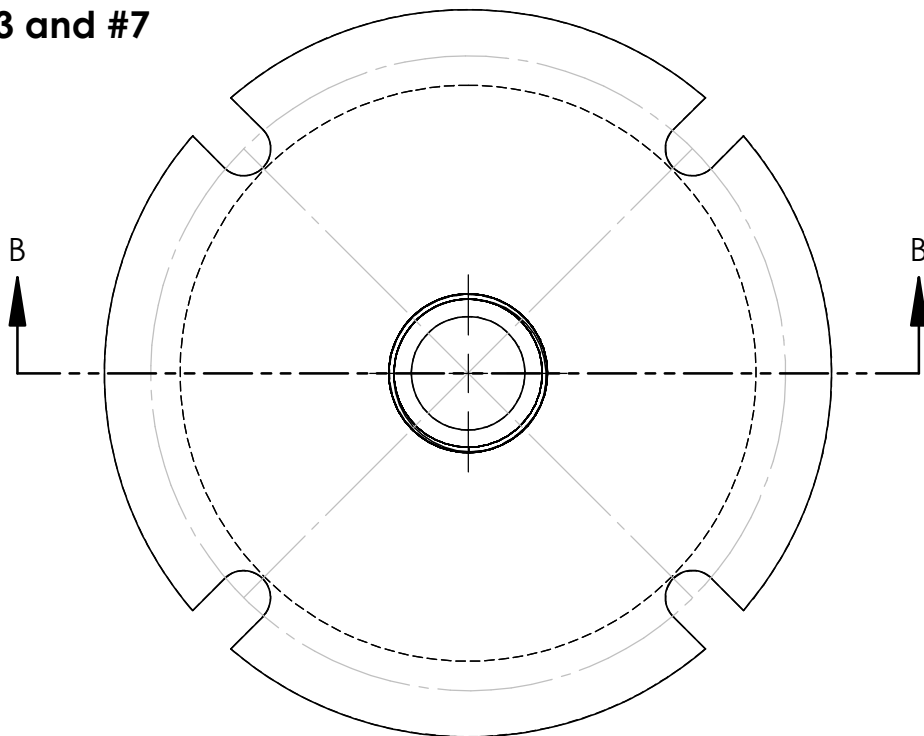
A

4

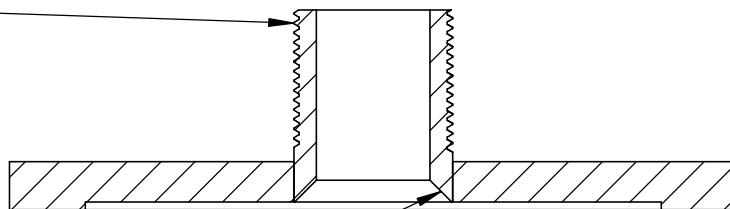
3

2

1

MOLD BODY: A**MOLD PART: #3 and #7**

Half cutted
1/2" steel pipe
(Part no.7)



Weld parts no. 3 and #7
and turn in the lathe to chamfer

SECTION B-B

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MOLD BODY:

A: Nozzle

CONTENT:

Nozzle welding and chamfer

PART NUMBER:

3 & 7: Nozzle complete

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 5 OF 12

Format:
LetterMM/DD/YY
10/11/2019

4

3

2

1

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MOLD BODY:

A: Nozzle

CONTENT:

Nozzle welding and chamfer

PART NUMBER:

3 & 7: Nozzle complete

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 5 OF 12

Format:
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10/11/2019

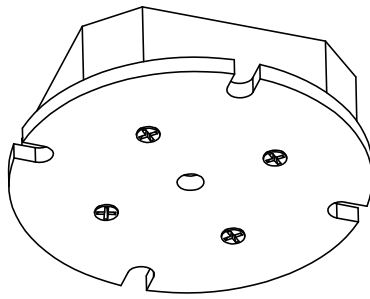
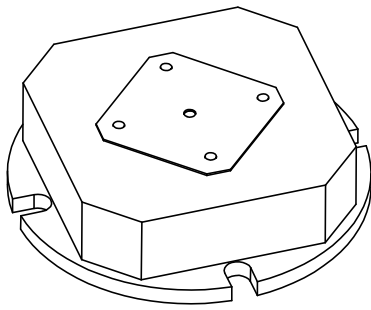
4

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F

MOLD BODY: D

E

MOLD PART: #4

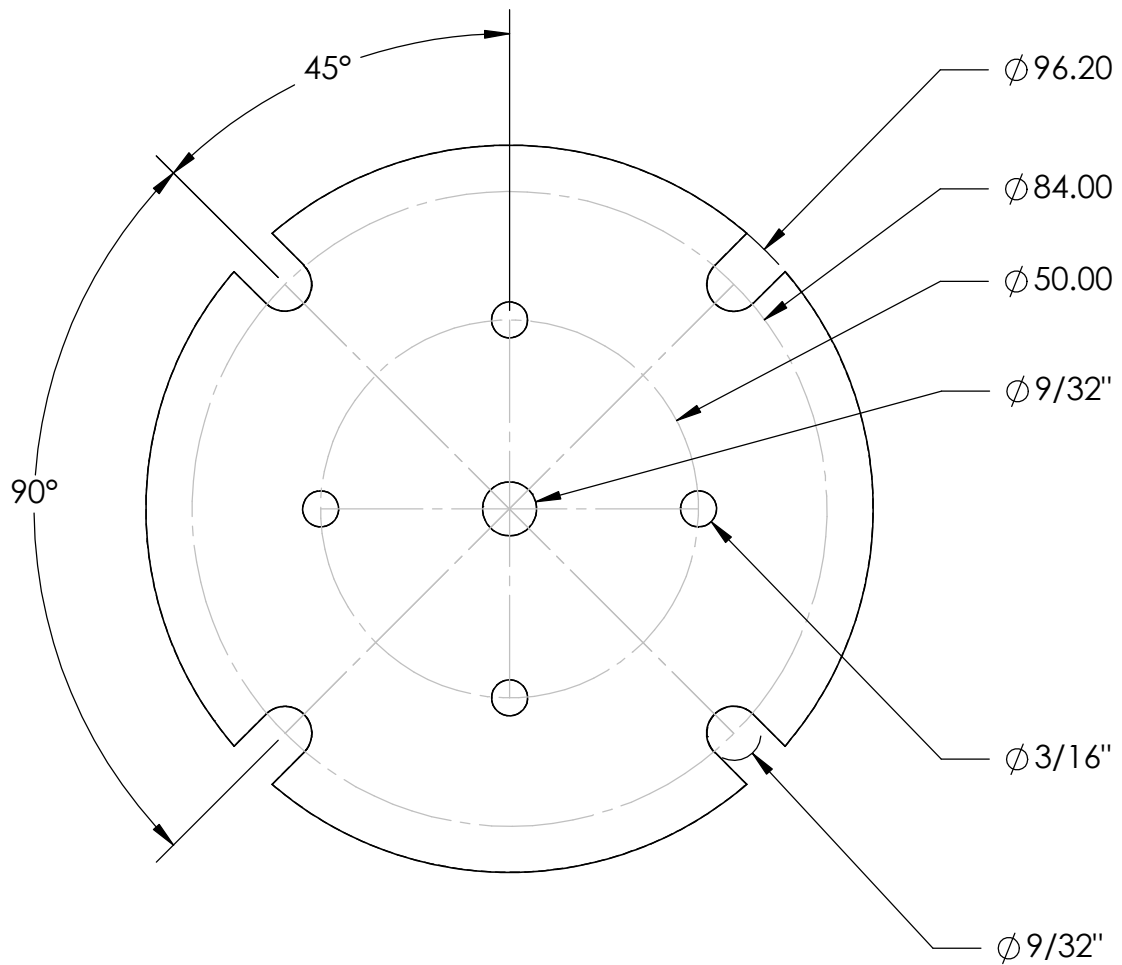
Drill holes and cut sides

D

C

B

A



F

E

D

C

B

A

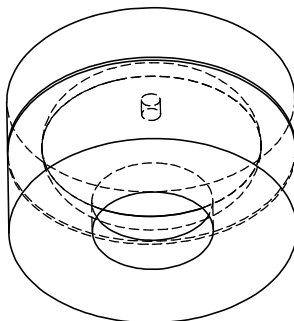
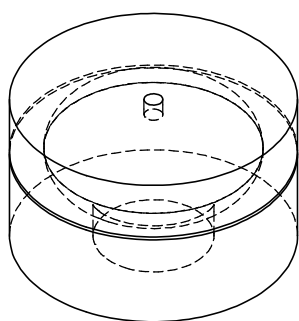
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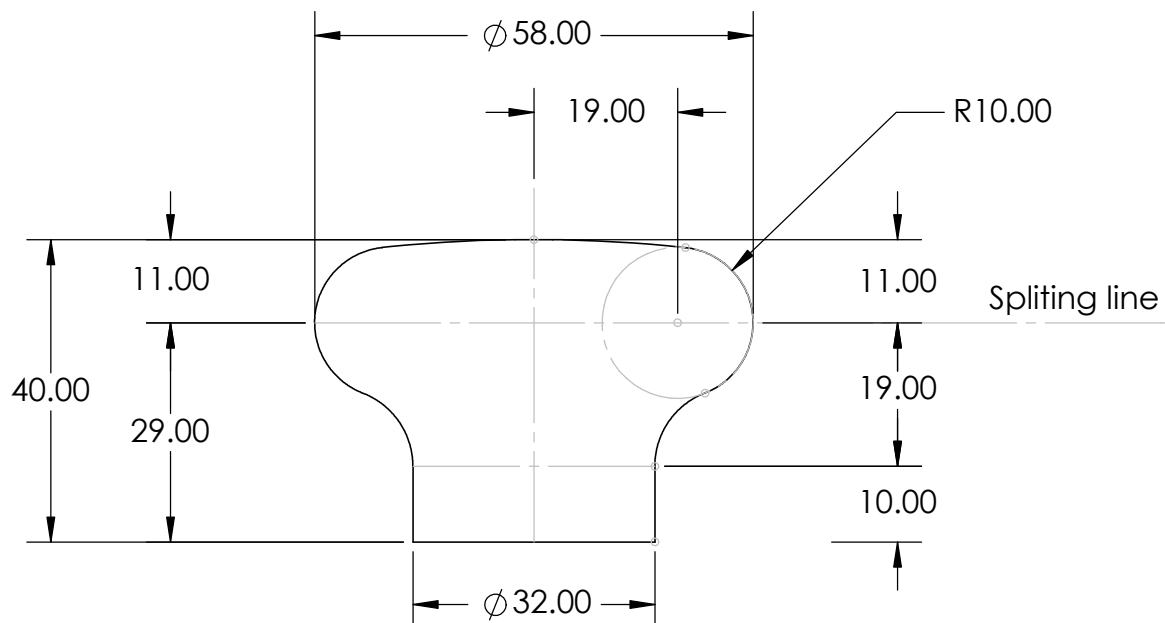
1

F

MOLD BODY: B and C

E

E

MOLD PART: #1 and #2

D

D

C

C

REVOLUTION CURVE OF THE INNER CAVITY

B

B

Note: This curve is built in the downloadable 3D model for the CNC lathe. To draw it again, use the vertical axis, center point of the circle, top and bottom points; and draw all lines and curves tangent.

A

A

MOLD BODY:

B+C: Mold cavity

CONTENT:

Inner cavity revolution curve

PART NUMBER:

1 and 2: Mold cavity

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 7 OF 12

Format:
LetterMM/DD/YY
10/11/2019

4

3

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4

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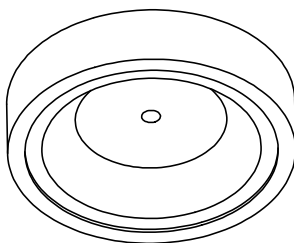
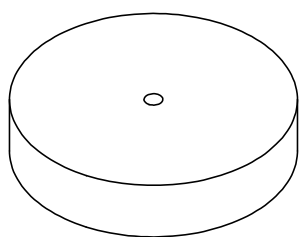
2

1

F

MOLD BODY: B

F



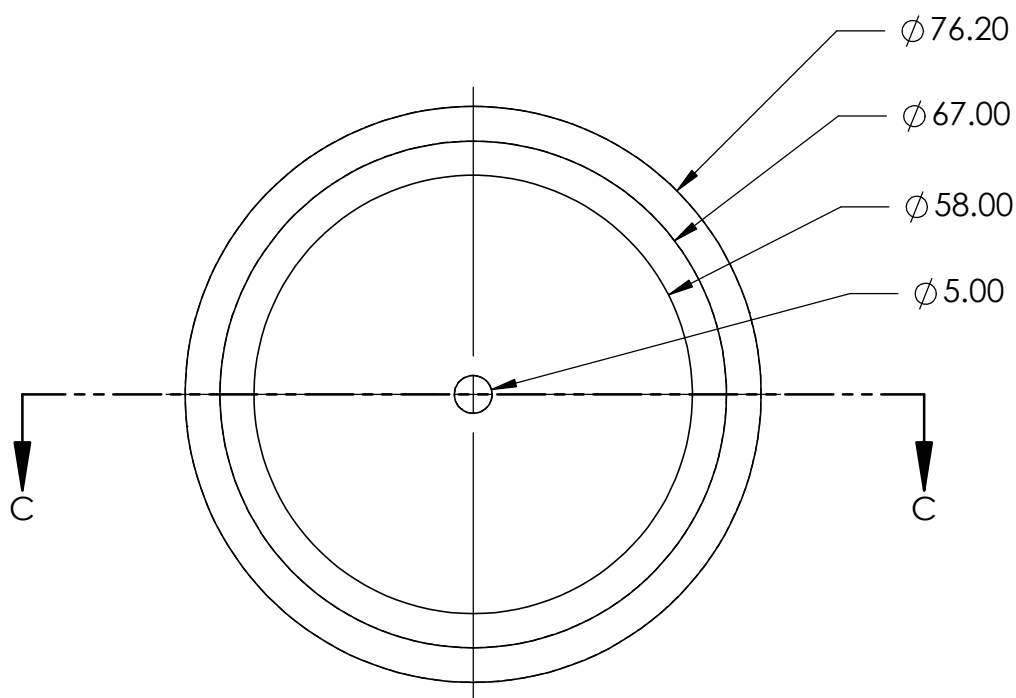
E

E

MOLD PART: #1

D

D

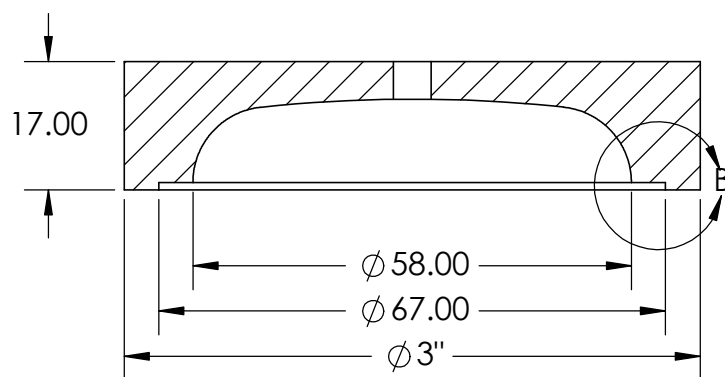


C

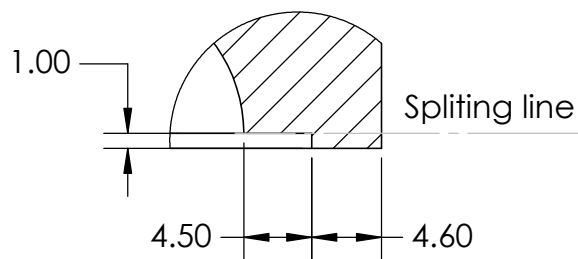
C

B

B



SECTION C-C

DETAIL B
SCALE 2 : 1

A

A

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MOLD BODY:

B: Top cavity

CONTENT:

Bodies B and C fitting
dimentions

PART NUMBER:

1: Top Cavity

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 8 OF 12

Format:
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4

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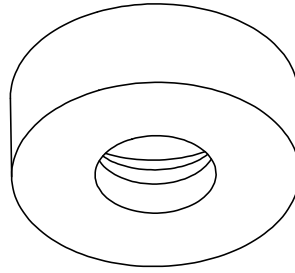
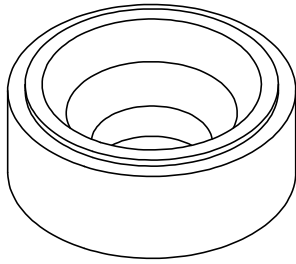
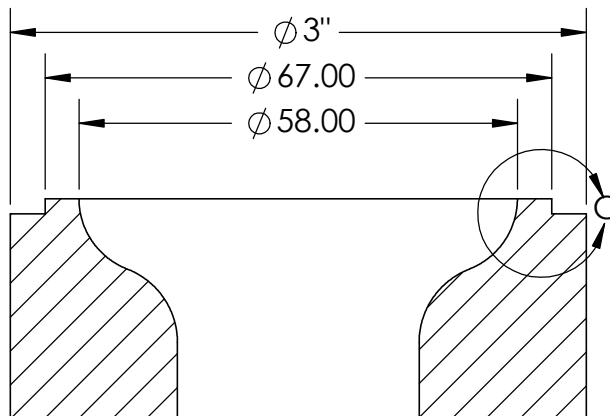
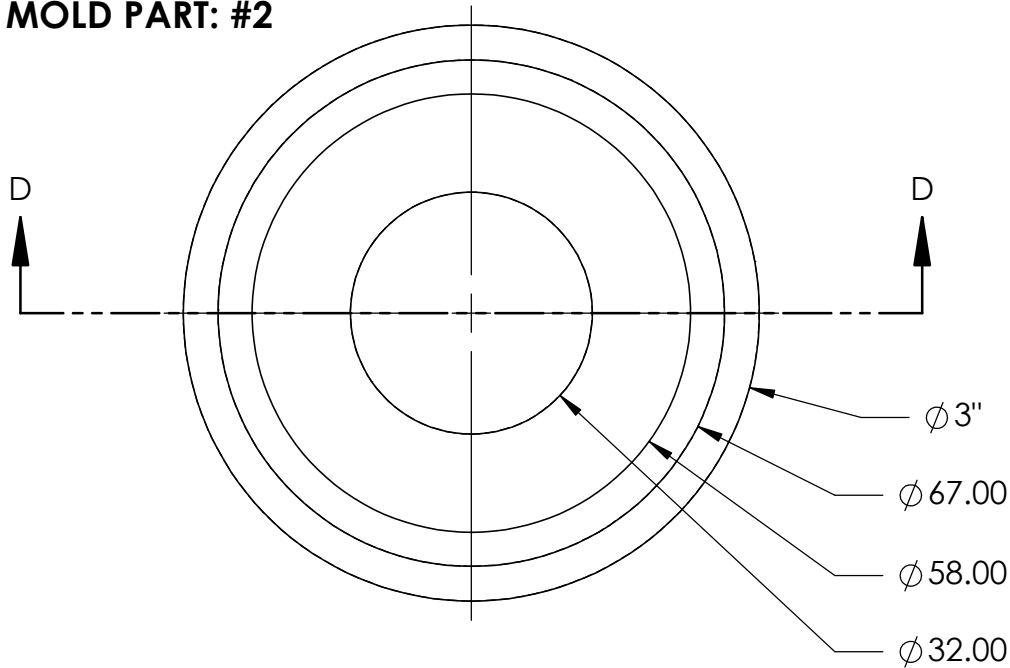
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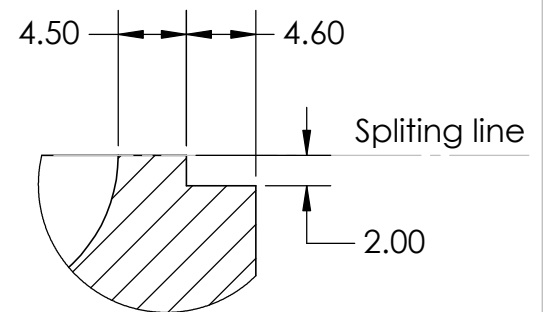
3

2

1

MOLD BODY: C**MOLD PART: #2**

SECTION D-D

DETAIL C
SCALE 2 : 1**El Tornillo**

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MOLD BODY:

C: Bottom cavity

CONTENT:

Bodies B and C fitting
 dimentions

PART NUMBER:

2: Bottom cavity

DWG NO.

Wall Peg Mold

SCALE:1:1

UNITS: MM

SHEET 9 OF 12

Format:
 Letter

MM/DD/YY
 10/11/2019

4

3

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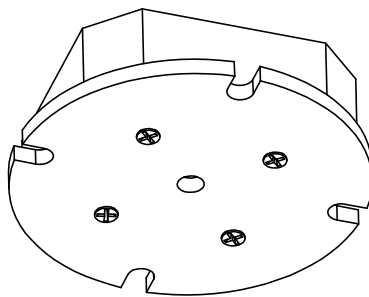
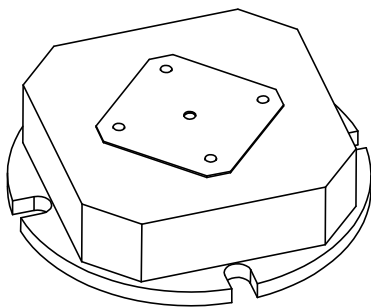
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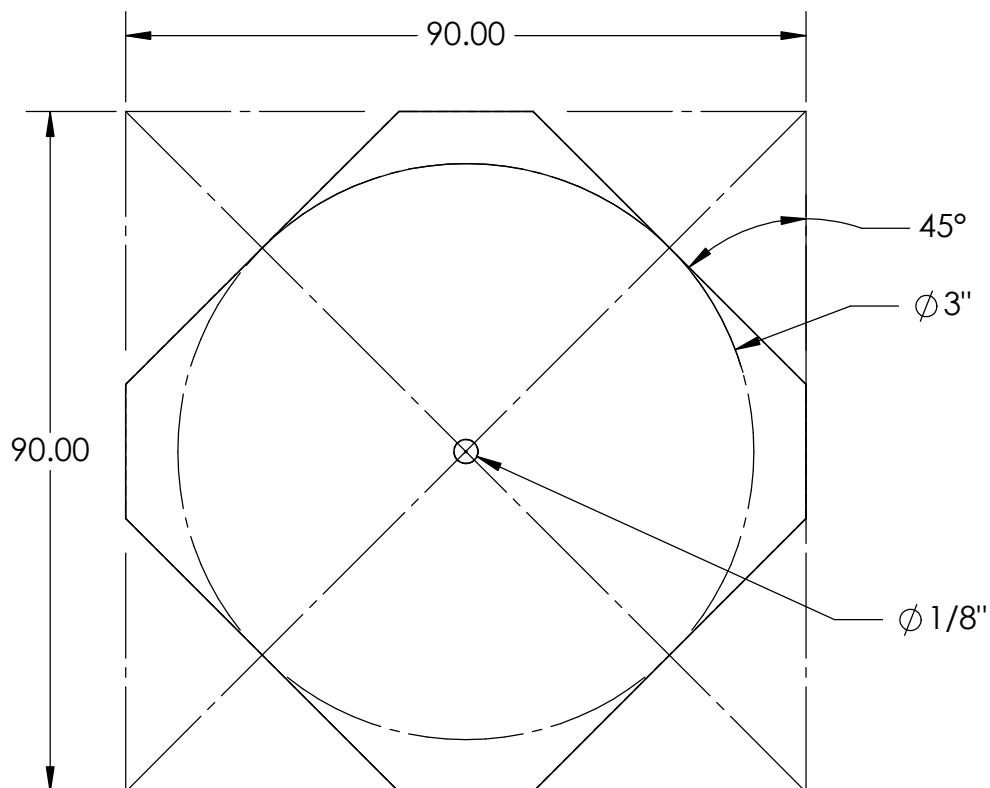
3

2

1

MOLD BODY: D**MOLD PART: #5**

Cut the corners and drill a center 1/8" center hole



Note: Drill 1/8" hole after nailing part no. 6 through the center of both parts

MOLD BODY:

D: Base

CONTENT:

Wood plank cuts and hole

PART NUMBER:

5: Wood screw suport

DWG NO.

Wall Peg Mold

Format:
LetterMM/DD/YY
10/11/2019

SCALE:1:1

UNITS: MM

SHEET 10 OF 12

4

3

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F

E

D

C

B

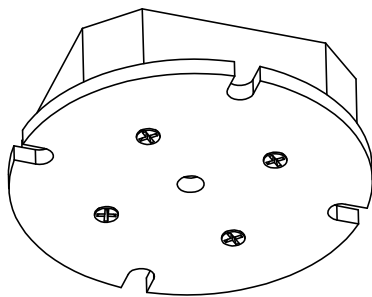
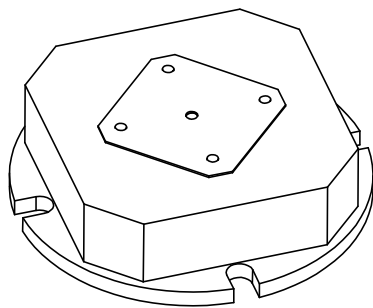
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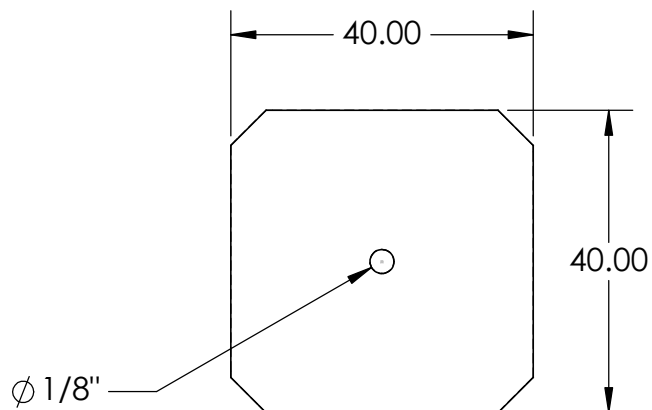
3

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MOLD BODY: D**MOLD PART: #6**

Cut a square, trim the corners and drill a 1/8" center hole



Note: Drill 1/8" hole after nailing to part no. 5 through the center of both parts

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MOLD BODY:

D: Base

CONTENT:

Metal sheet dimentions,
cuts and hole

PART NUMBER:

6: Metal sheet cover

DWG NO.

Wall Peg Mold

Format:
Letter

MM/DD/YY
10/11/2019

SCALE:1:1

UNITS: MM

SHEET 11 OF 12

4

3

2

1

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MOLD BODY:

D: Base

CONTENT:

Metal sheet dimentions,
cuts and hole

PART NUMBER:

6: Metal sheet cover

DWG NO.

Wall Peg Mold

Format:
Letter

MM/DD/YY
10/11/2019

SCALE:1:1

UNITS: MM

SHEET 11 OF 12

4

3

2

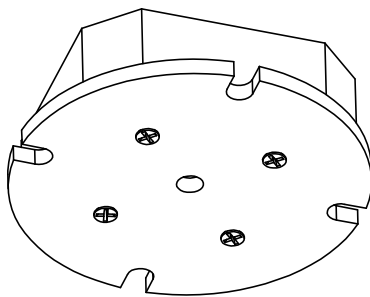
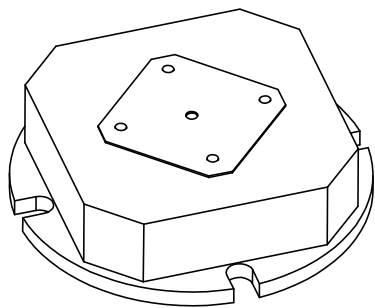
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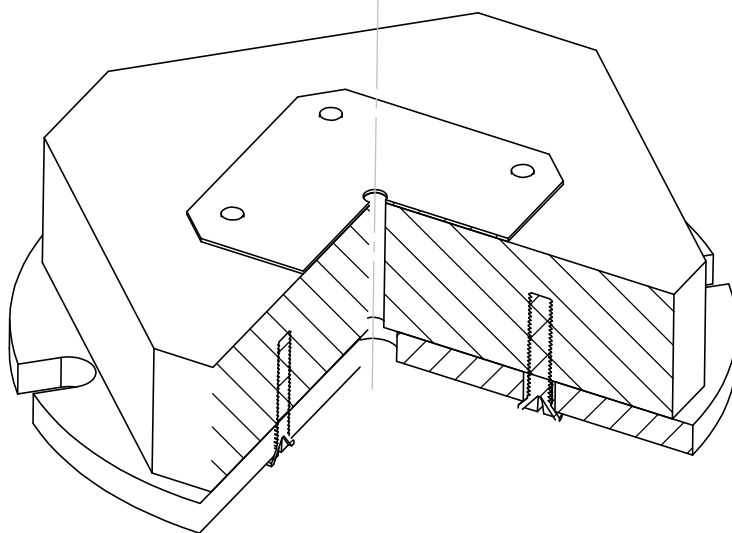
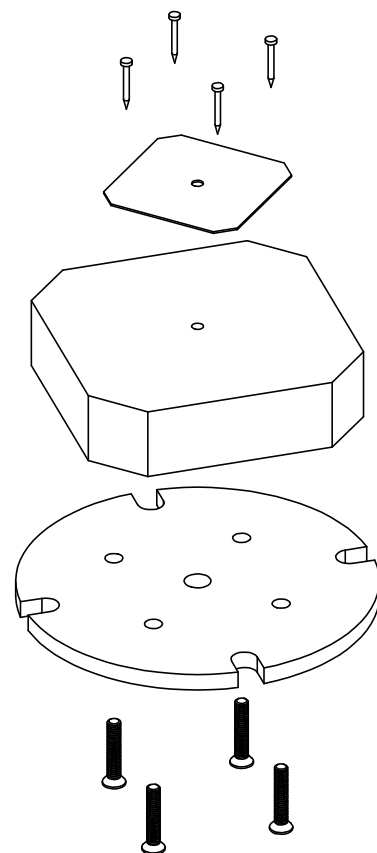
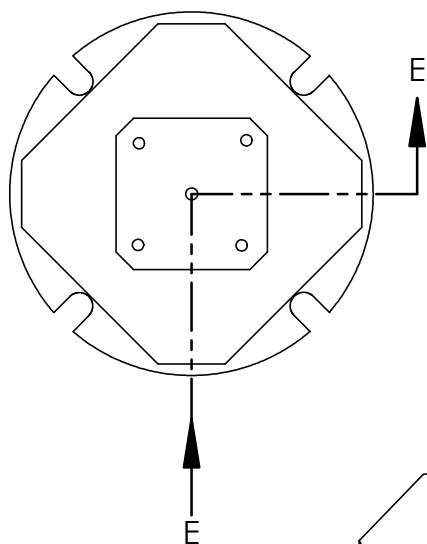
3

2

1

MOLD BODY: D**MOLD PART: 4, 5, 6, 10 and 11**

Nail part no. 6 to 5 with part no. 11 and fix parts no. 5 and 4 with the screws part no.10



SECTION E-E

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MOLD BODY:

D: Base

CONTENT:

Base assembly by nails
and screws

PART NUMBER:

4, 5, 6, 10 & 11: Base complete

DWG NO.

Wall Peg Mold

Format:
Letter

MM/DD/YY
10/11/2019

SCALE:1:1

UNITS: MM

SHEET 12 OF 12

4

3

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1

F

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