

A

B

C

D

E

F

1

2

3

4

1

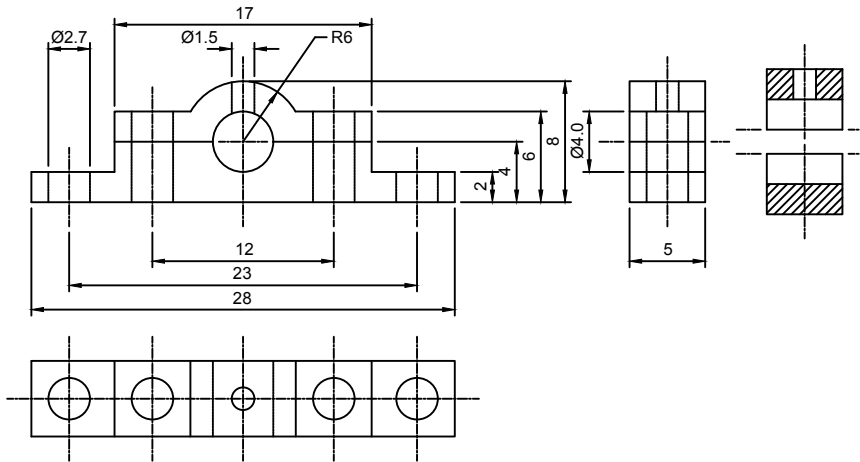
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4

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
PHOS. BRONZE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE25

DRAWING NO

DETAIL - BEAM FULCRUM BEARING

SHEET
SIZE

A4

SCALE 2 : 1

NOTE SCALE FACTOR - 2 PARTS REQUIRED

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

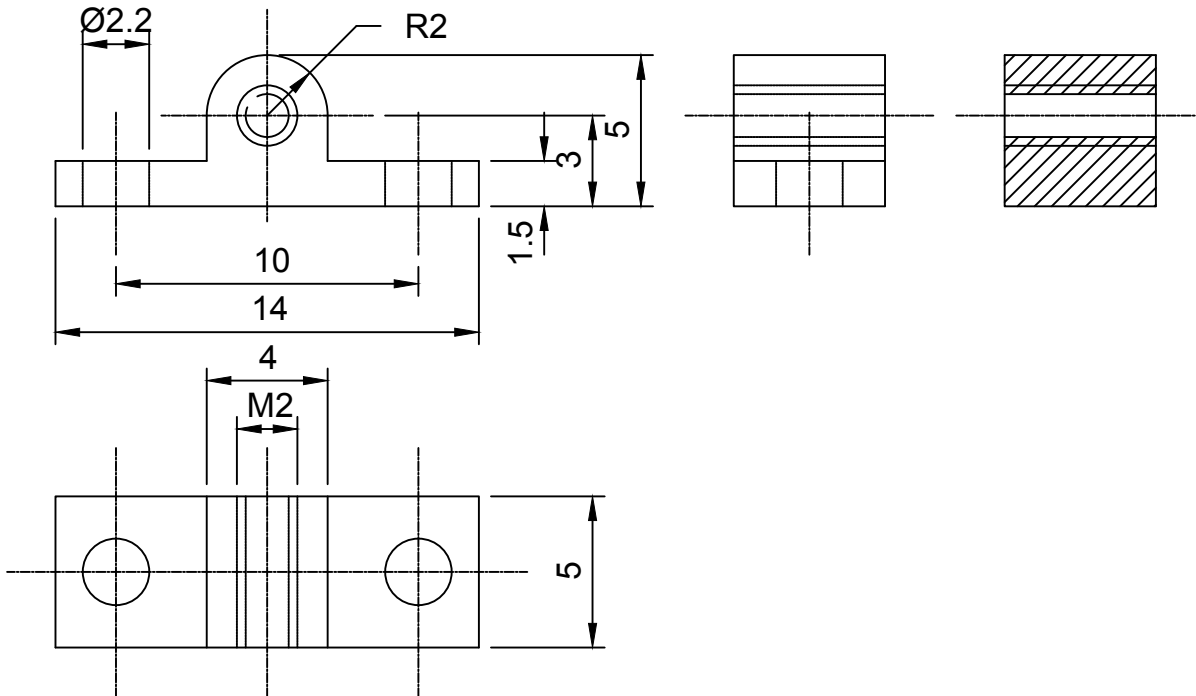
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3

4

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



MATERIAL :
F/M BRASS

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE26

SCALE 4 : 1

DRAWING NO

DETAIL - GROUND LINK TRUNION

NOTE SCALE FACTOR - 2 PARTS REQUIRED

SHEET
SIZE

A4

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

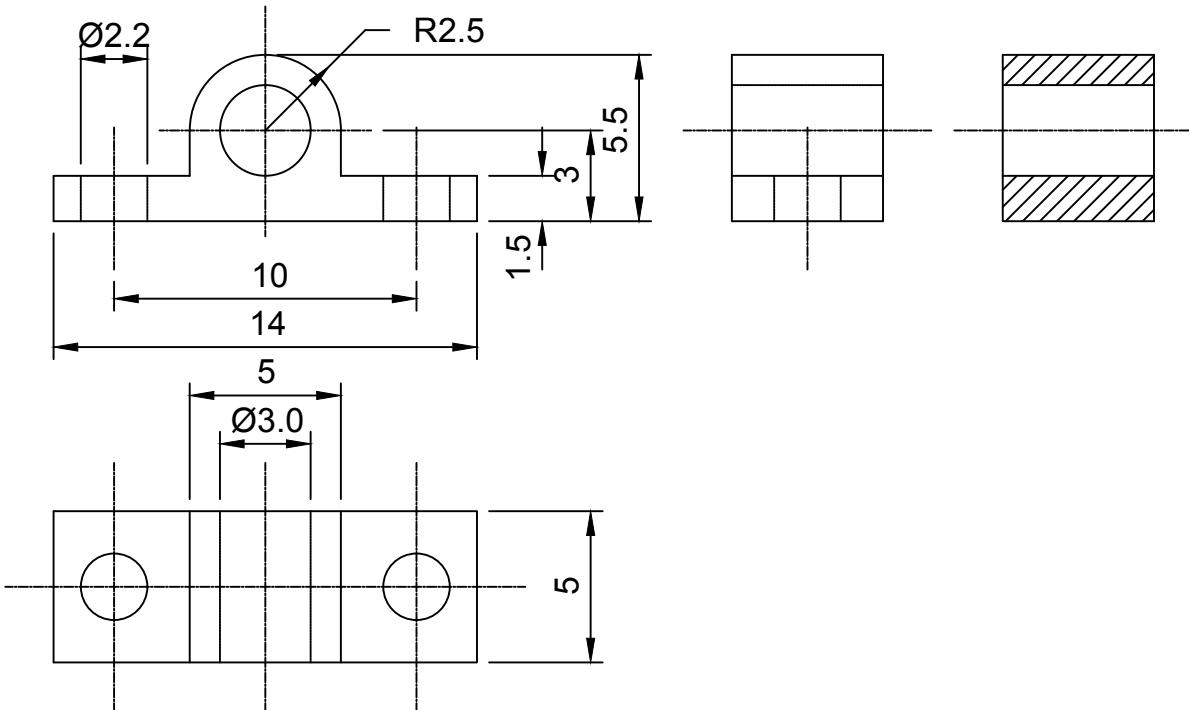
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4

PRODUCED BY AN AUTODESK STUDENT VERSION

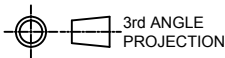
PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



3rd ANGLE
PROJECTION

MATERIAL :
PHOS. BRONZE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE27

SCALE 4 : 1

DRAWING NO

DETAIL - VALVE BELLCRANK TRUNION

NOTE SCALE FACTOR

SHEET
SIZE
A4

A

B

C

D

E

F

A

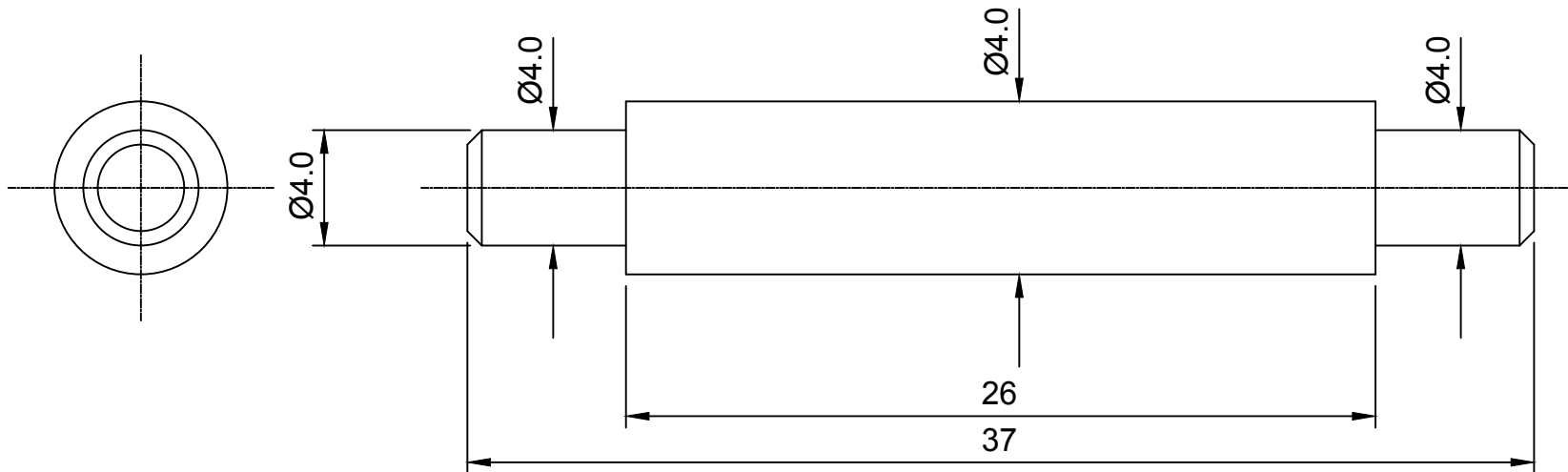
B

C

D

E

F



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



3rd ANGLE
PROJECTION

MATERIAL :
Ø6.0 SILVER STEEL or
STAINLESS
GROUNDBAR

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE28

DRAWING NO

DETAIL - FULCRUM PIN

SCALE

4 : 1

NOTE SCALE FACTOR

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

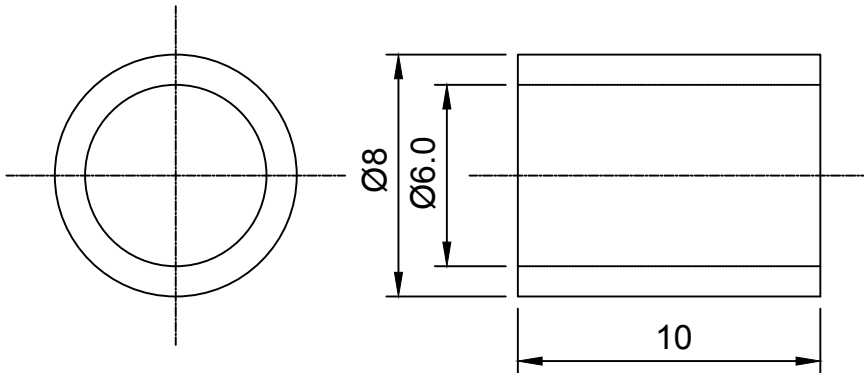
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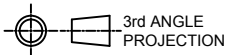
PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



3rd ANGLE
PROJECTION

MATERIAL :
F/M BRASS

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE29

DRAWING NO

DETAIL - BEAM FULCRUM SPACERS

SCALE

4 : 1

NOTE SCALE FACTOR - 2 PARTS REQUIRED

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

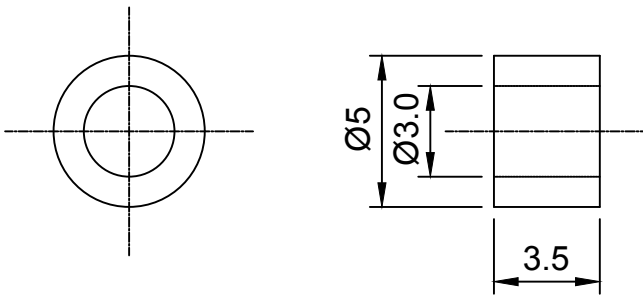
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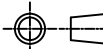
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PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES : ALL DIMENSIONS IN MILLIMETERS.	TOLERANCES : ALL DIMENSIONS ARE UNTOLERANCED. MAKE ALLOWANCES FOR LIMITS & FITS.	 3rd ANGLE PROJECTION			
			TITLE Gerry's Beam Engine - Metric Version		
		FINISH	CODE IDENT NO BE30	DRAWING NO DETAIL - GROUND LINK INBOARD SPACER	SHEET SIZE A4
	AS 1100.201		SCALE 4 : 1	NOTE SCALE FACTOR - 2 PARTS REQUIRED	

A

B

C

D

E

F

A

B

C

D

E

F

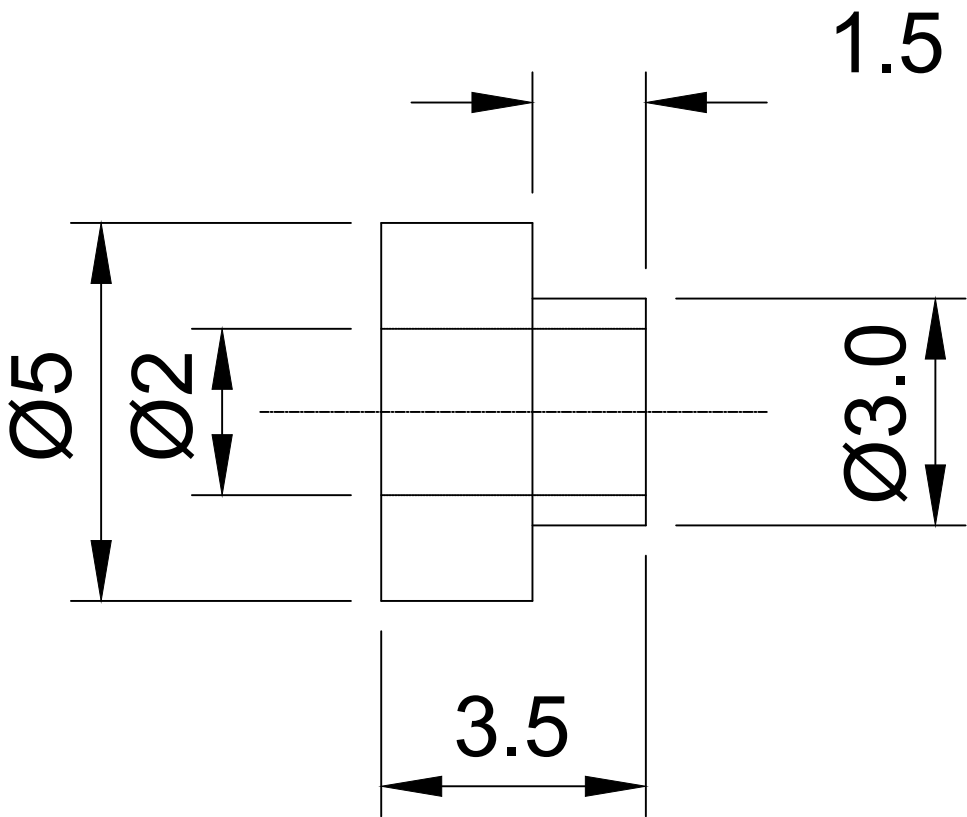
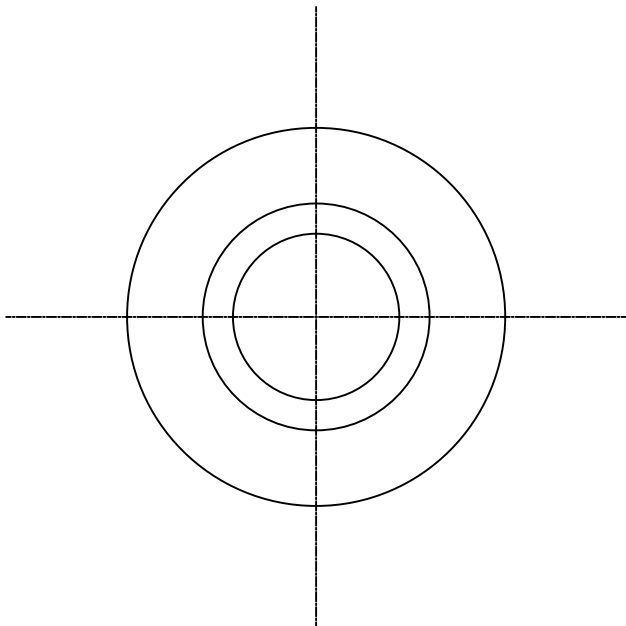
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3

4

PRODUCED BY AN AUTODESK STUDENT VERSION



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2

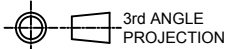
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PRODUCED BY AN AUTODESK STUDENT VERSION

NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
F/M BRASS

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE31

DRAWING NO

DETAIL - GROUND LINK TRUNION BUSH

SCALE 10 : 1

NOTE SCALE FACTOR - 2 PARTS REQUIRED

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

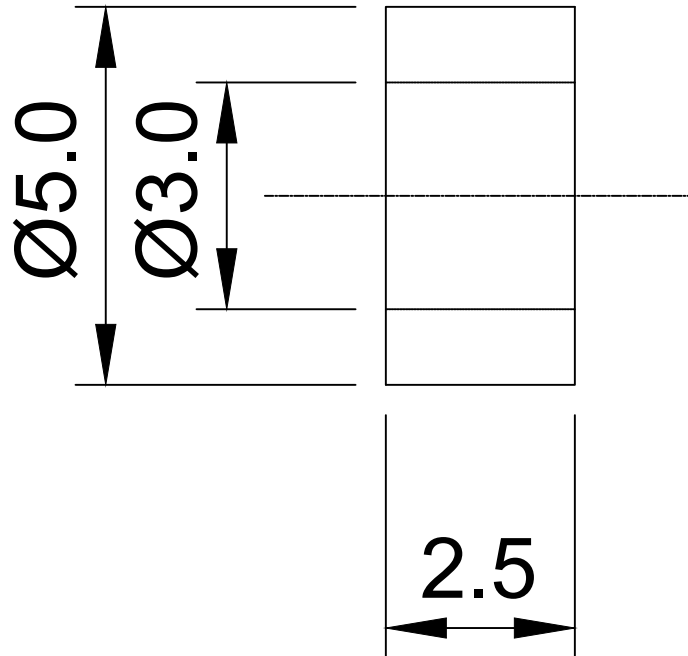
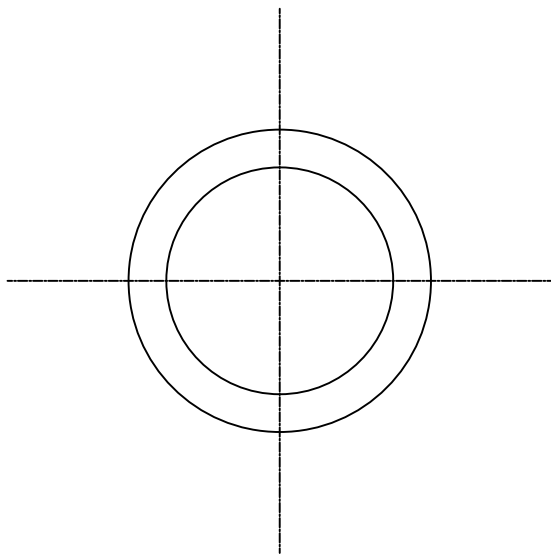
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PRODUCED BY AN AUTODESK STUDENT VERSION



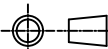
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PRODUCED BY AN AUTODESK STUDENT VERSION

NOTES : ALL DIMENSIONS IN MILLIMETERS.	TOLERANCES : ALL DIMENSIONS ARE UNTOLERANCED. MAKE ALLOWANCES FOR LIMITS & FITS.	 3rd ANGLE PROJECTION				
		MATERIAL : F/M BRASS				
		TITLE Gerry's Beam Engine - Metric Version				
		FINISH	CODE IDENT NO BE32	DRAWING NO DETAIL - UPPER BELLCRANK SPACERS		SHEET SIZE A4
	AS 1100.201		SCALE 10 : 1	NOTE SCALE FACTOR - 2 PARTS REQUIRED		

A

B

C

D

E

F

A

B

C

D

E

F

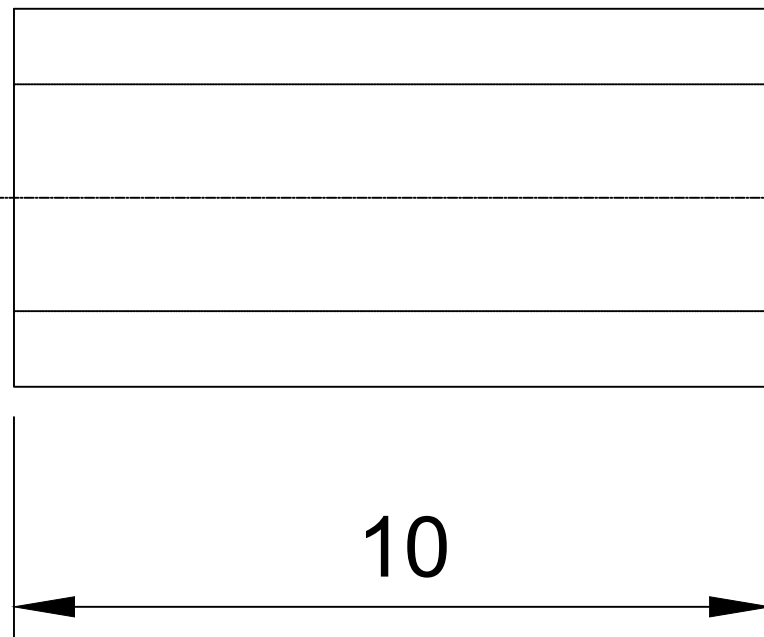
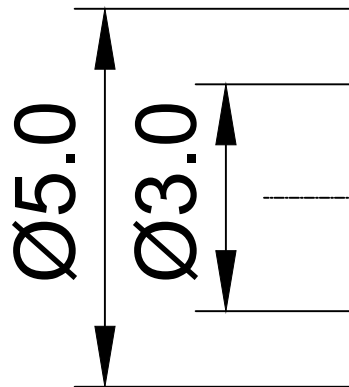
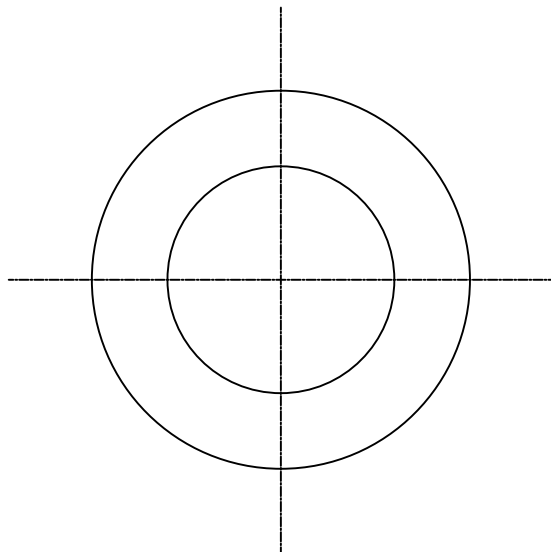
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PRODUCED BY AN AUTODESK STUDENT VERSION



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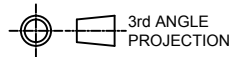
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4

PRODUCED BY AN AUTODESK STUDENT VERSION

NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



3rd ANGLE
PROJECTION

MATERIAL :
F/M BRASS

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE33

DRAWING NO

DETAIL - MIDDLE BELLCRANK SPACER

SCALE 10 : 1

NOTE SCALE FACTOR

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

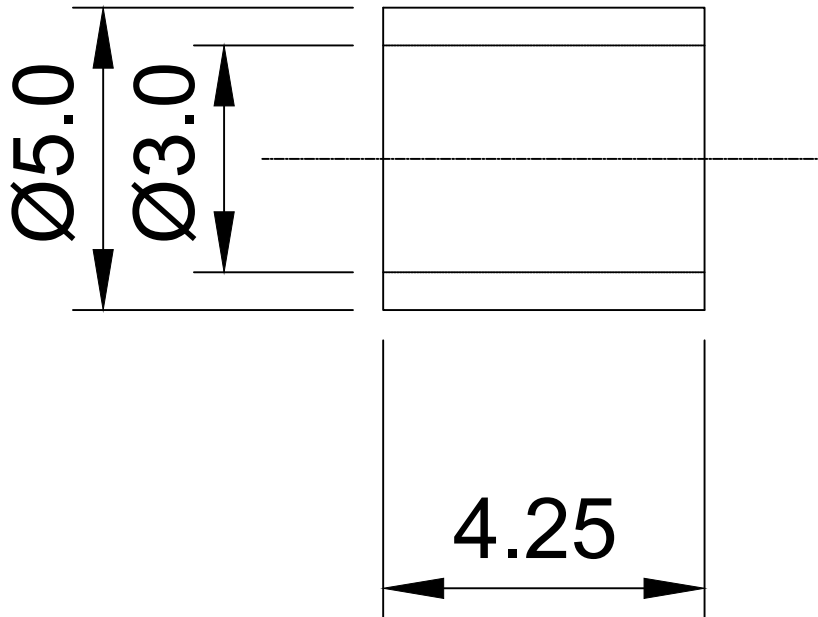
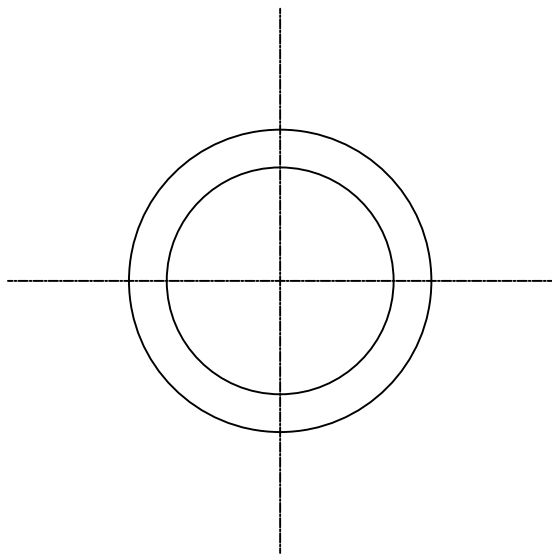
1

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PRODUCED BY AN AUTODESK STUDENT VERSION



1

2

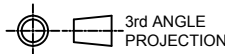
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PRODUCED BY AN AUTODESK STUDENT VERSION

NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



3rd ANGLE
PROJECTION

MATERIAL :
F/M BRASS

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE34

DRAWING NO

DETAIL - OUTER BELLCRANK SPACERS

SCALE 10 : 1

NOTE SCALE FACTOR - 2 PARTS REQUIRED

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

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1

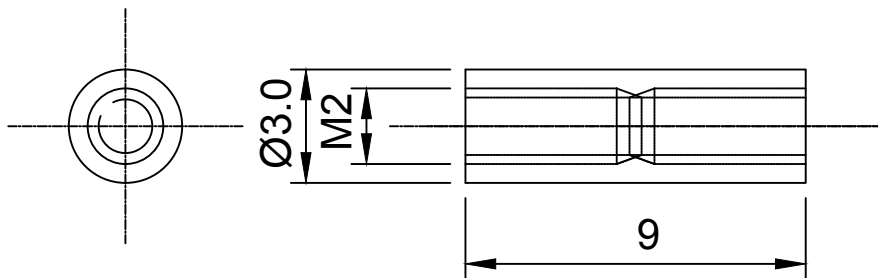
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PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



2 Off FOR BEAM / G-LINK DROPPERS
1 Off FOR G-LINK / PISTON ROD

NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
Ø3.0 SILVER STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE35

DRAWING NO

DETAIL - WRIST PINS

SCALE 5 : 1

NOTE SCALE FACTOR - 3 PARTS REQUIRED

**SHEET
SIZE
A4**

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

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1

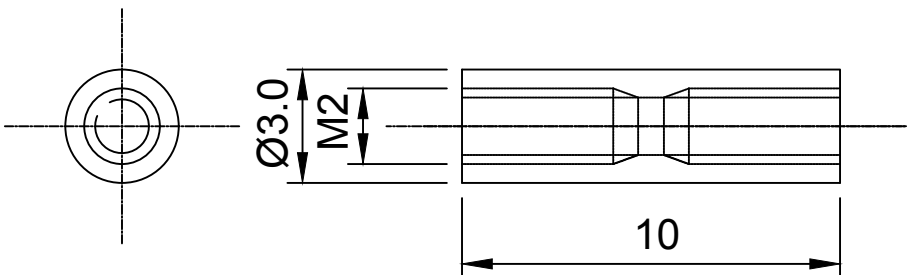
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PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
Ø3.0 SILVER STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE36

DRAWING NO

DETAIL - BELL CRANK PINS

SHEET
SIZE

A4

SCALE 5 : 1

NOTE SCALE FACTOR - 3 REQUIRED

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

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4

1

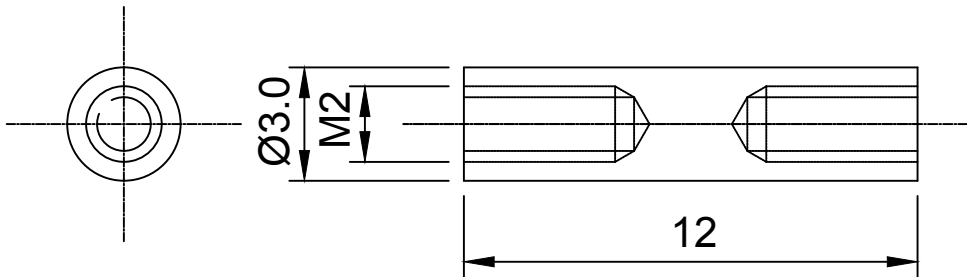
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PRODUCED BY AN AUTODESK STUDENT VERSION

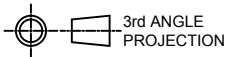
PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



3rd ANGLE
PROJECTION

MATERIAL :
Ø3.0 SILVER STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE37

SCALE 5 : 1

DRAWING NO

DETAIL - CONROD WRIST PIN

NOTE SCALE FACTOR

SHEET
SIZE
A4

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

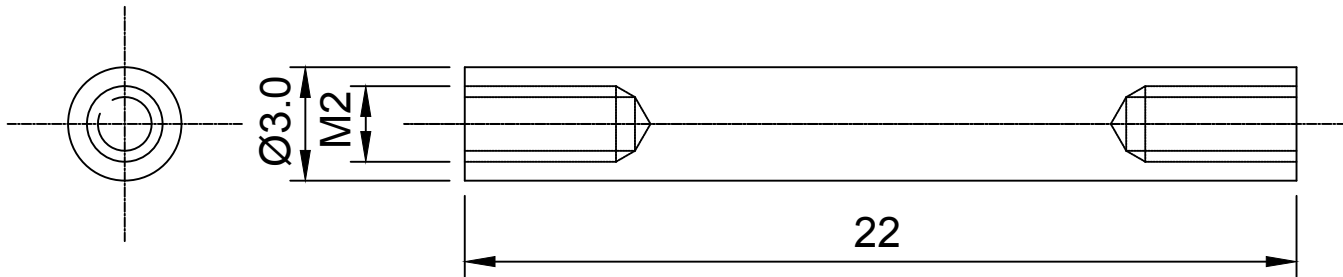
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PRODUCED BY AN AUTODESK STUDENT VERSION

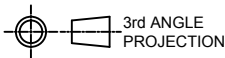
PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



3rd ANGLE
PROJECTION

MATERIAL :
Ø3.0 SILVER STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE38

SCALE 5 : 1

DRAWING NO

DETAIL - GROUNDLINK INBOARD LOWER PIN

NOTE SCALE FACTOR

SHEET
SIZE

A4

A

B

C

D

E

F

A

B

C

D

E

F

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4

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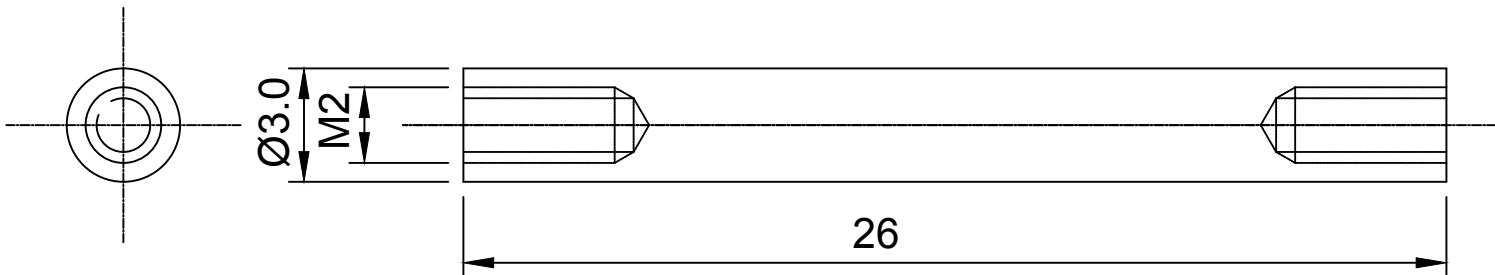
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PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
Ø3.0 SILVER STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE39

DRAWING NO

DETAIL - FRAME TIEBARS

SCALE 5 : 1

NOTE SCALE FACTOR - 5 REQUIRED

**SHEET
SIZE**

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

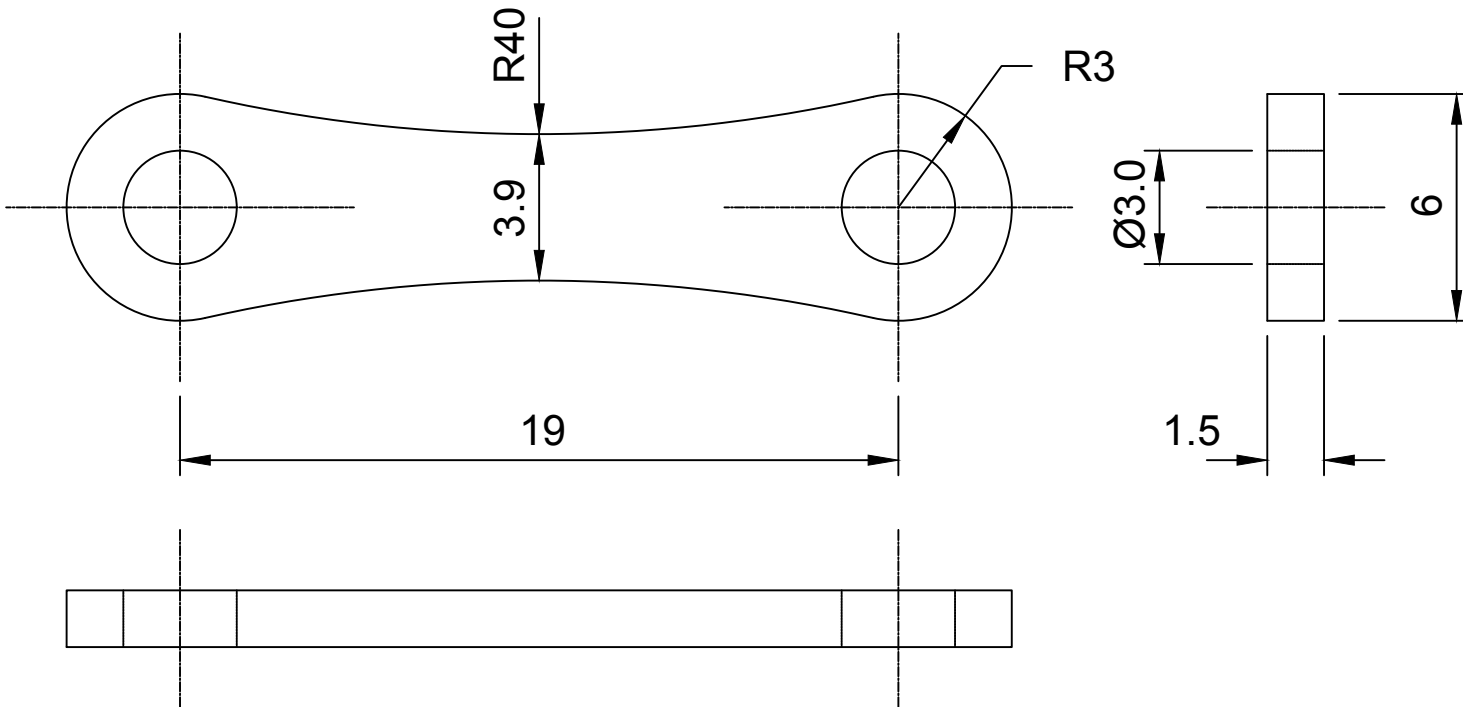
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1

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4



NOTES :

ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :

ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
GAUGE PLATE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE40

DRAWING NO

DETAIL - G-LINK VERTICAL PARALLEL LINKS

SCALE 5 : 1

NOTE SCALE FACTOR - 4 REQUIRED

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

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4

A

B

C

D

E

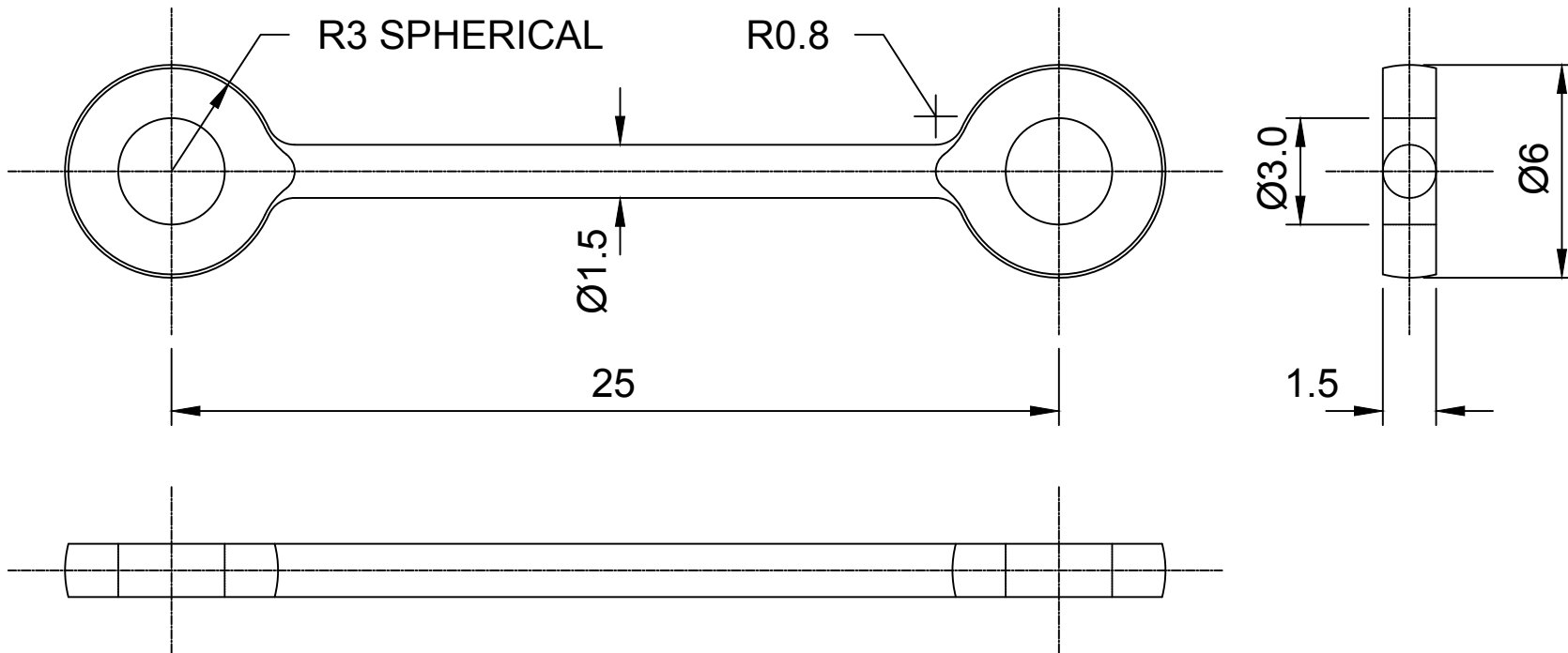
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NOTES :

ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :

ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
GAUGE PLATE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE41

DRAWING NO

DETAIL - GROUNDING LINKS

SCALE

5 : 1

NOTE SCALE FACTOR - 4 REQUIRED

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

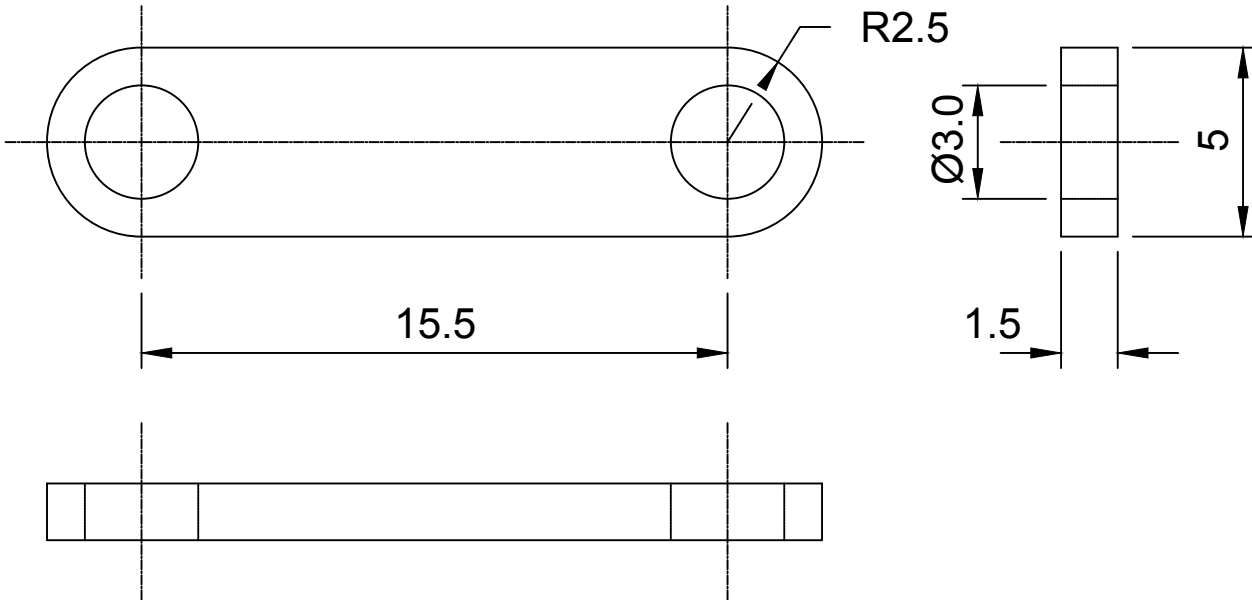
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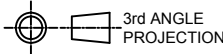
PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



3rd ANGLE
PROJECTION

MATERIAL :
GAUGE PLATE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE42

DRAWING NO

DETAIL - BELLCRANK / VALVE STEM LINK

SCALE

5 : 1

NOTE SCALE FACTOR

SHEET
SIZE

A4

AS 1100.201

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

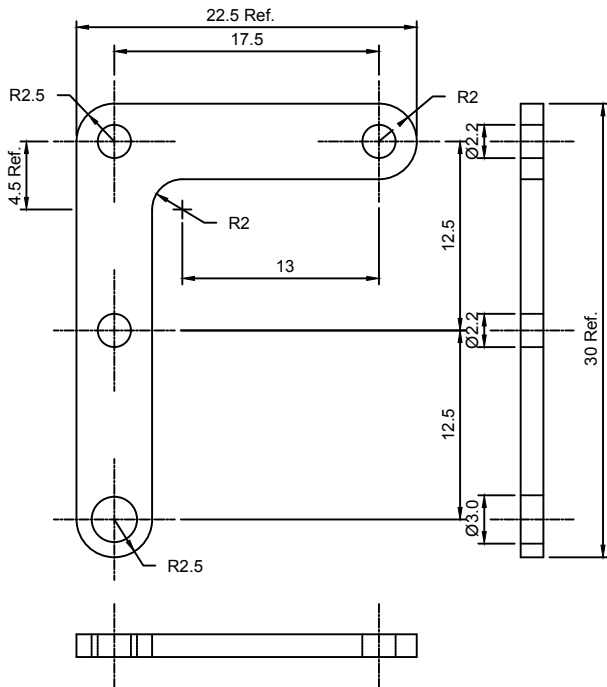
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PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



3rd ANGLE
PROJECTION

MATERIAL :
GAUGE PLATE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE43

SCALE

2 : 1

DRAWING NO

DETAIL - BELLCRANK FRONT

NOTE SCALE FACTOR

SHEET
SIZE

A4

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

1

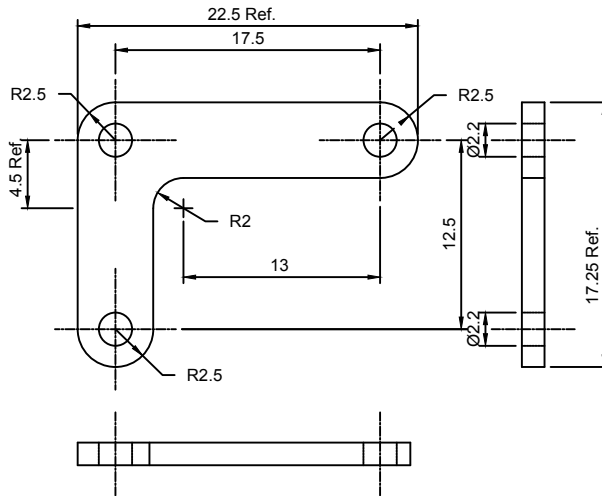
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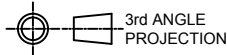
PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



NOTES :
ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :
ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.



MATERIAL :
GAUGE PLATE

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE44

DRAWING NO

DETAIL - BELLCRANK REAR

SCALE

2 : 1

NOTE SCALE FACTOR

**SHEET
SIZE**

A4

AS 1100.201

A

B

C

D

E

F

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

A

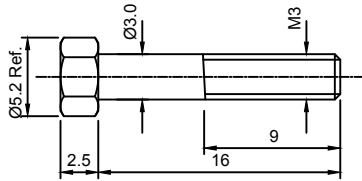
B

C

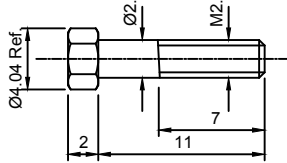
D

E

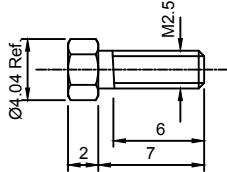
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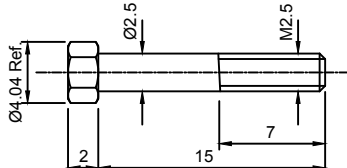
Qty. 2
LOCATION
CONROD - BIG END



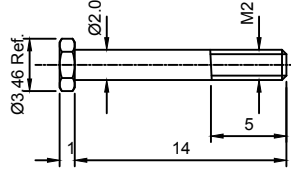
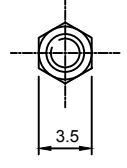
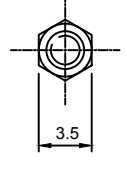
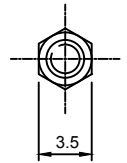
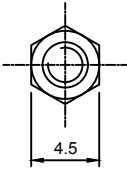
Qty. 4
LOCATION
BEAM FULCRUM BEARING
4
CRANK BEARING CAPS



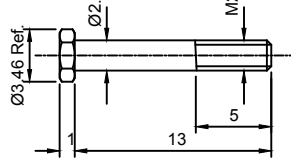
Qty. 4
LOCATION
BEAM FULCRUM BEARING



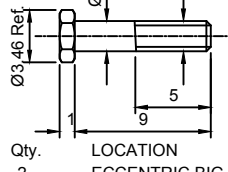
Qty. 4
LOCATION
CRANK BEARING CAPS



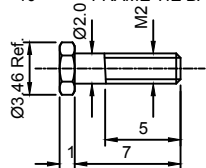
Qty. 4
LOCATION
STEAM CHEST



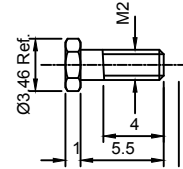
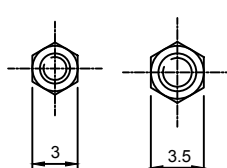
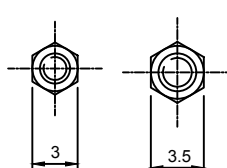
Qty. 4
LOCATION
LOWER CYLINDER HEAD



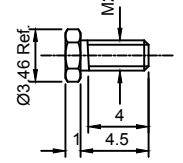
Qty. 2
2
4
10
LOCATION
ECCENTRIC BIG END
GROUND LINK TRUNNIONS
FRAME TO LOWER CYLINDER HEAD
FRAME TIE BARS



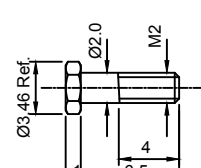
Qty. 2
LOCATION
PISTON ROD GLAND



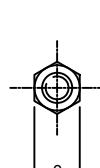
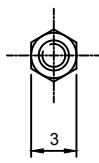
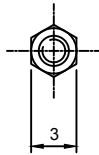
Qty. 4
LOCATION
QUADRANT ARM



Qty. 8
2
LOCATION
UPPER G-LINK PINS
CONROD WRISTPIN



Qty. 4
LOCATION
UPPER CYLINDER HEAD



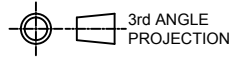
NOTES :

ALL DIMENSIONS IN
MILLIMETERS.

TOLERANCES :

ALL DIMENSIONS ARE
UNTOLERANCED. MAKE
ALLOWANCES FOR
LIMITS & FITS.

AS 1100.201



3rd ANGLE
PROJECTION

MATERIAL :
STAINLESS STEEL

FINISH

TITLE

Gerry's Beam Engine - Metric Version

CODE IDENT NO

BE45

SCALE 2 : 1

DRAWING NO

DETAIL - BOLTS - VARIOUS

NOTE SCALE FACTOR - 70 Various Sizes

SHEET
SIZE

A4

A

B

C

D

E

F