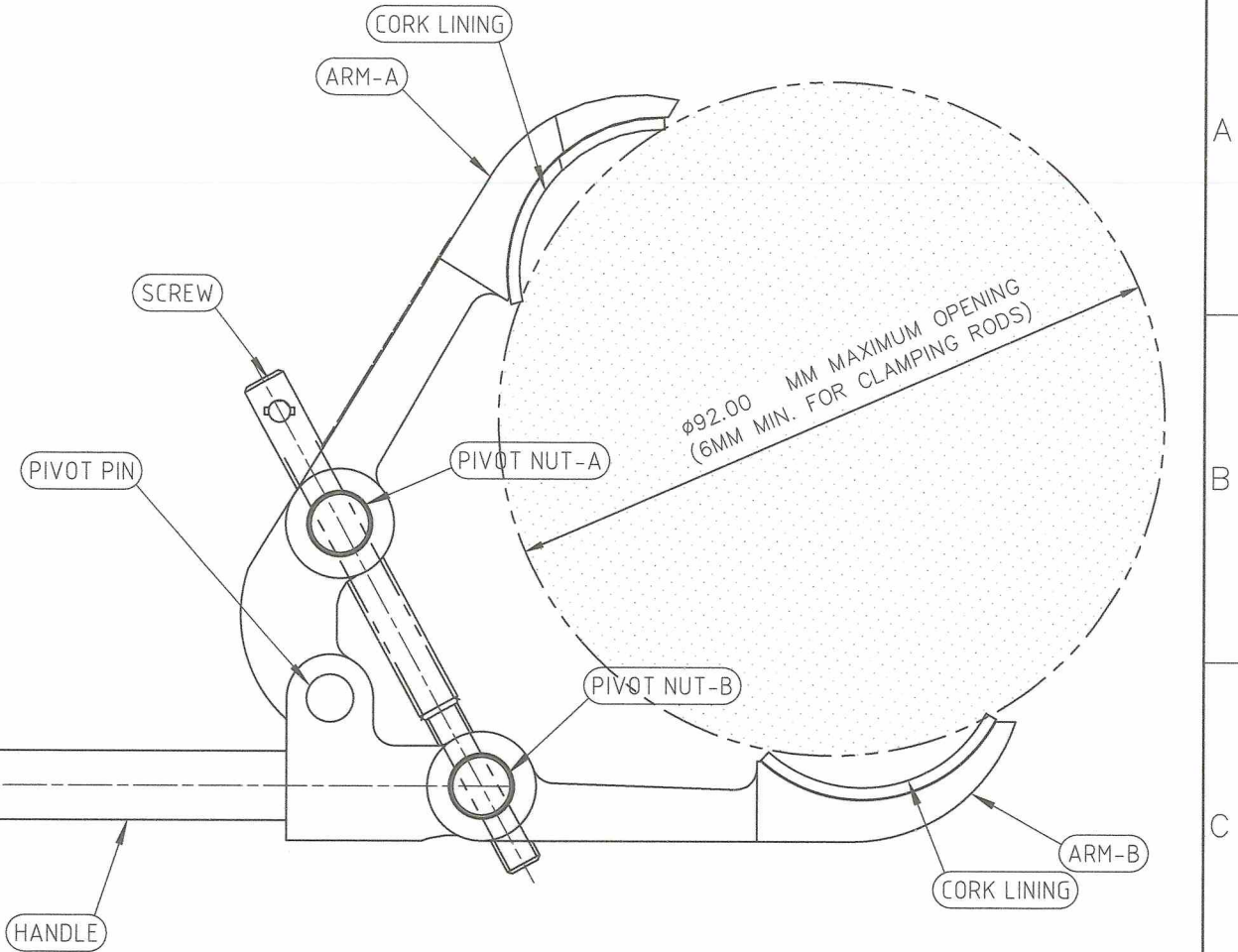
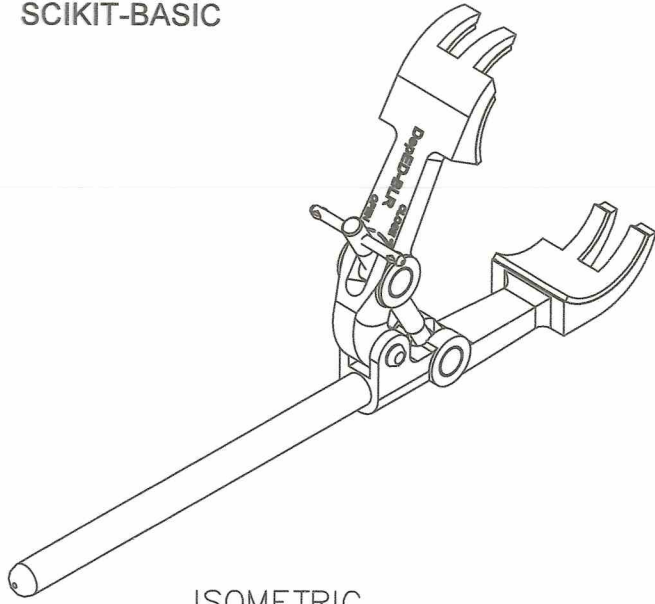



SCIKIT-BASIC



GOVERNMENT PROPERTY

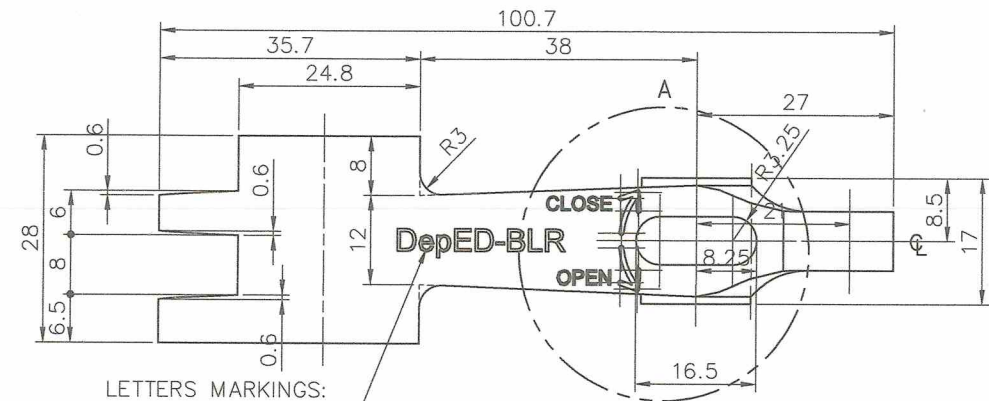
Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra	Q.C. Checked by	J.N. Arida	UNIVERSAL CLAMP	1/9
Designed by				Material	File name
Recommended by	A.B. Ybañez	(ASSEMBLY)			univclmp.dwg
Approved by	R. C. La Rosa				DepED-BLR

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00

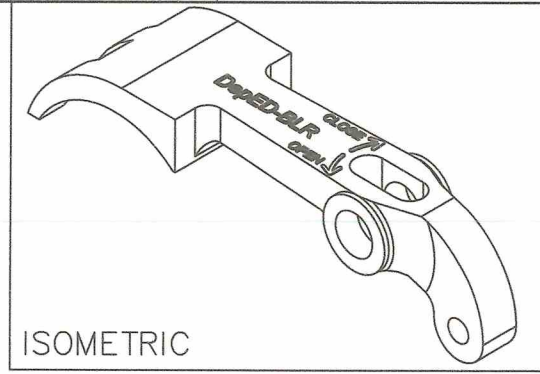
SYMBOL	REVISION	DATE	BY

SCIKIT-BASIC

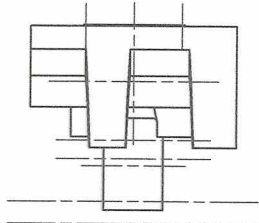


TOP VIEW

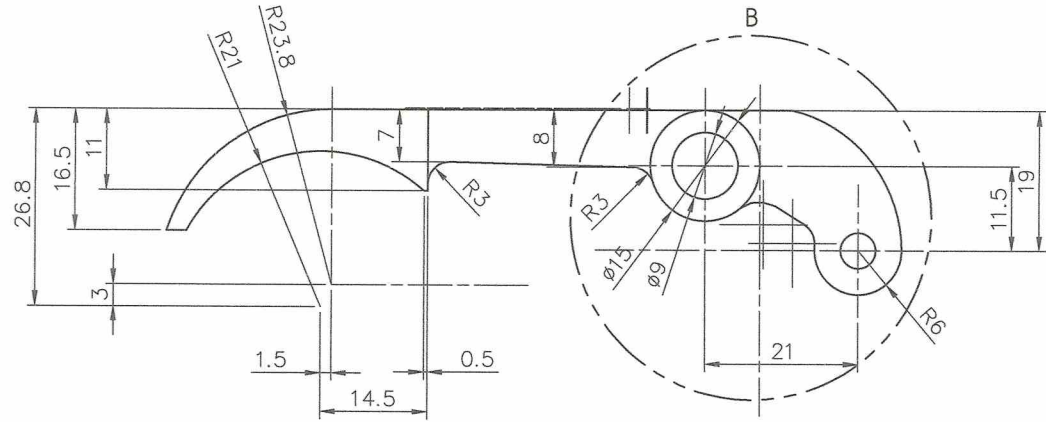
LETTERS MARKINGS:
DepED-BLR
EMBOSSD HEIGHT = 0.2MM
FONT TYPE = ARIAL
FONT HEIGHT = 3MM



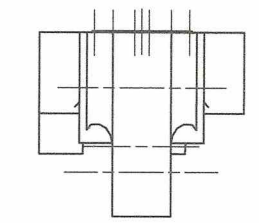
ISOMETRIC



L-SIDE VIEW




FRONT VIEW



R-SIDE VIEW

NOTE:
Dimensions are in millimeters,
except otherwise specified.
Remove sharp edges.
Surface Roughness: $\sqrt{\sqrt{0.70}}$ to $\sqrt{\sqrt{0.80}}$ m (inner)
 $\sqrt{\sqrt{1.00}}$ to $\sqrt{\sqrt{1.20}}$ m (outer)

GOVERNMENT PROPERTY

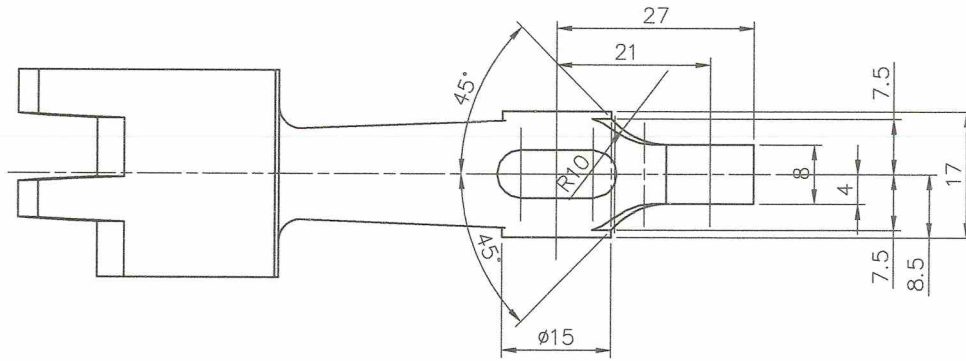
Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra	Q.C. Checked by	J.N. Arida	UNIVERSAL CLAMP : ARM - A	2/9
Designed by				Material	File name
Recommended by	A.B. Ybanez			ALUM-SILICON-COPPER ALLOY AA 384 or its equivalent (ADC 12)	univclmp.dwg
Approved by	R. C. La Rosa			 DepED-BLR	

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

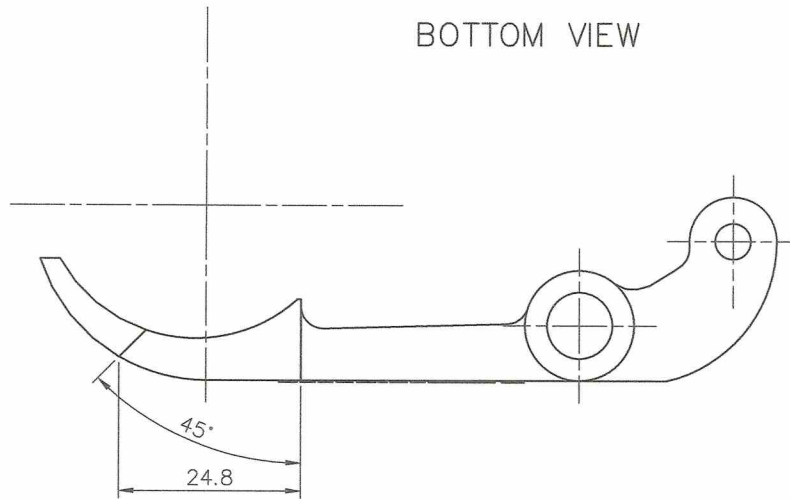
TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium		± 0.20	± 0.50	± 1.00	± 2.00

SYM	REVISION	DATE	BY

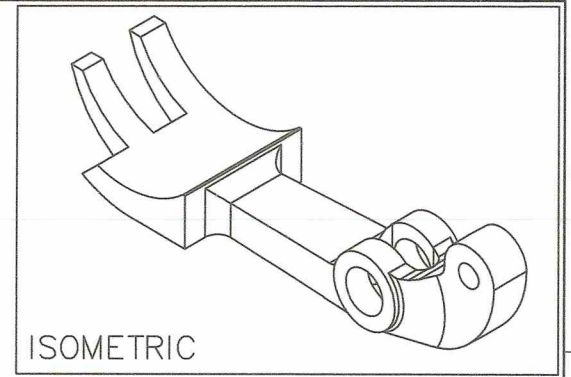
SCIKIT-BASIC



BOTTOM VIEW



REAR VIEW



ISOMETRIC


NOTE:
 Dimensions are in millimeters.
 except otherwise specified.
 Remove sharp edges.
 Surface Roughness: $\sqrt{\sqrt{0.70}}$ to 0.80 m (inner)
 $\sqrt{\sqrt{1.00}}$ to 1.20 m (outer)

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium					

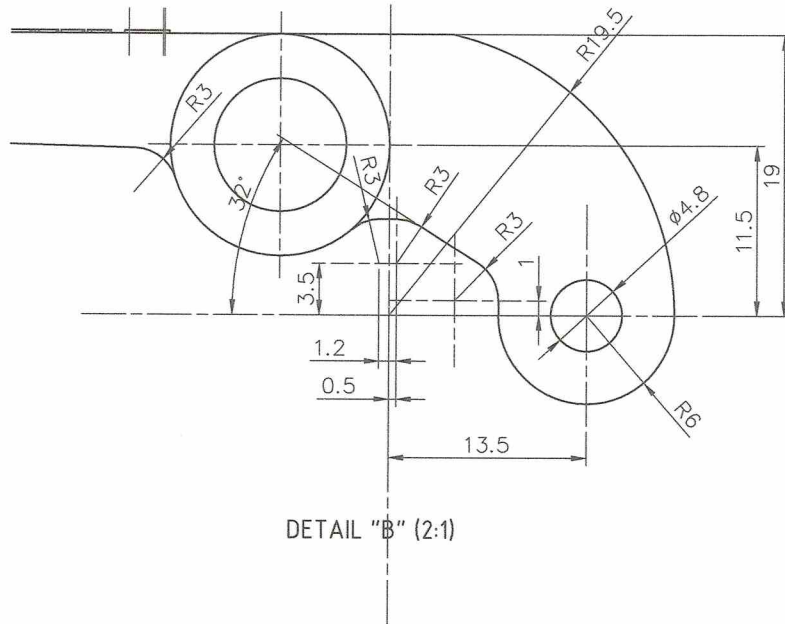
SYM REVISION DATE BY

Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra	Item Name	UNIVERSAL CLAMP : ARM - A	Sheet	3/9
Designed by		Material	ALUM-SILICON-COPPER ALLOY AA 384 or its equivalent (ADC 12)	File name	univclmp.dwg
Q.C. Checked by	J.N. Arilla	 DepED-BLR			
Recommended by	A.B. Ybañez				
Approved by	R. C. La Rosa				

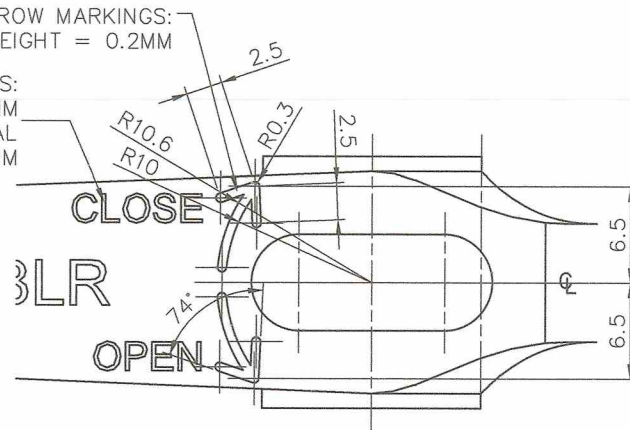
SCIKIT-BASIC

ARROW MARKINGS:
EMBOSSSED HEIGHT = 0.2MM

LETTERS MARKINGS:
EMBOSSSED HEIGHT = 0.2MM
FONT TYPE = ARIAL
FONT HEIGHT = 2MM



DETAIL "B" (2:1)



DETAIL "A" (2:1)

NOTE:
Dimensions are in millimeters,
except otherwise specified.
Remove sharp edges.
Surface Roughness: $\nabla\nabla\nabla$ 0.70 to 0.80 μ m (inner)
 $\nabla\nabla$ 1.00 to 1.20 μ m (outer)

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50


TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium		± 0.20	± 0.50	± 1.00	± 2.00

SYM

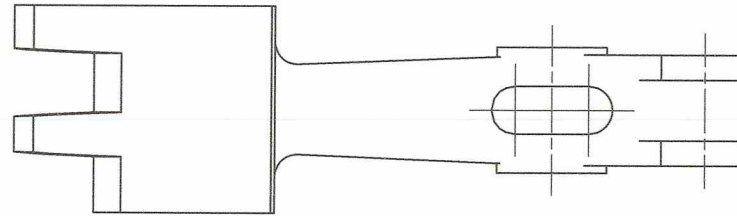
REVISION

DATE

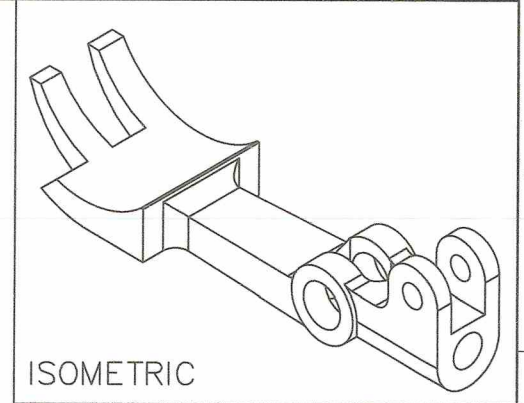
BY

Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra	Item Name	UNIVERSAL CLAMP : ARM - A	Sheet	4/9
Designed by		Material	ALUM-SILICON-COPPER ALLOY AA 384 or its equivalent (ADC 12)	File name	univclmp.dwg
Checked by	J.N. Arida	 DepED-BlR			
Recommended by	A.B. Ybanez				
Approved by	R. C. La Rosa				

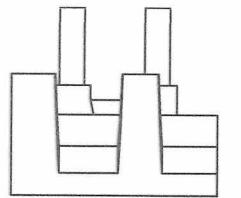
SCIKIT-BASIC



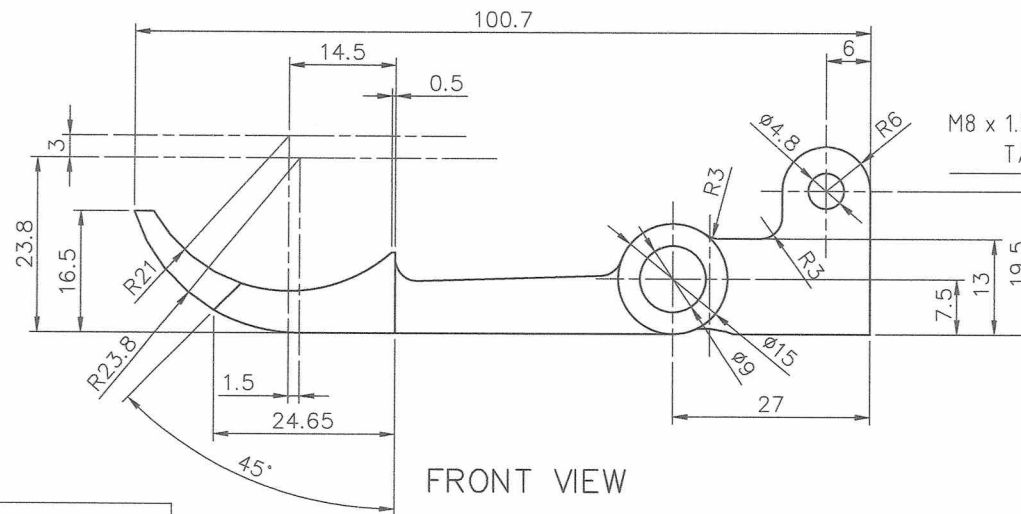
TOP VIEW



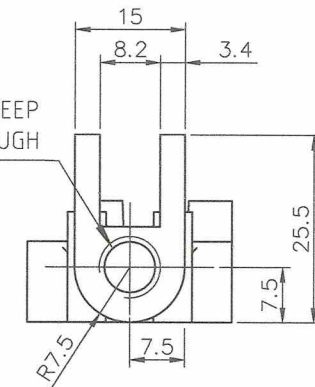
ISOMETRIC



L-SIDE VIEW



FRONT VIEW



R-SIDE VIEW


NOTE:
 Dimensions are in millimeters.
 except otherwise specified.
 Remove sharp edges.
 Surface Roughness: $\sqrt{\sqrt{0.70}}$ to $0.80 \mu\text{m}$ (inner)
 $\sqrt{\sqrt{1.00}}$ to $1.20 \mu\text{m}$ (outer)

GOVERNMENT PROPERTY

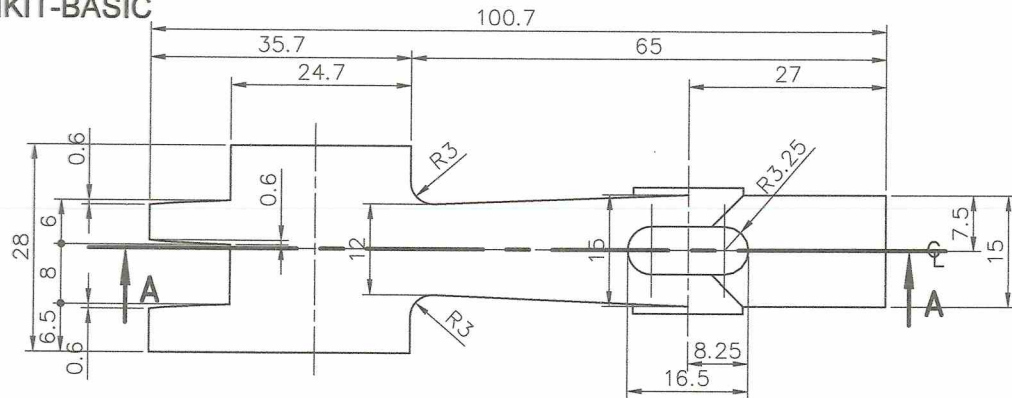
TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium		± 0.20	± 0.50	± 1.00	± 2.00

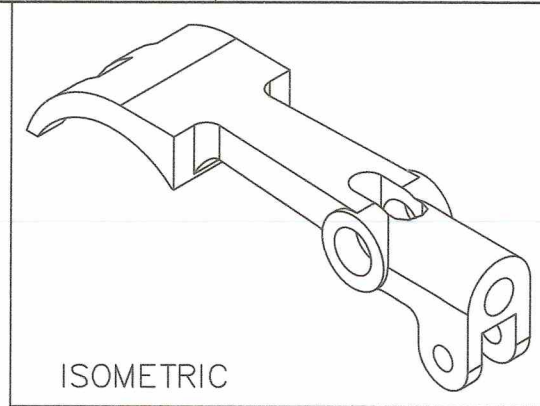
SYM	REVISION	DATE	BY

Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra			UNIVERSAL CLAMP : ARM - B	5/9
Designed by				Material	File name
				ALUM-SILICON-COPPER ALLOY	univclmp.dwg
				AA 384 or its equivalent (ADC 12)	
Recommended by	A.B. Ybañez			 DepED-BLR	
Approved by	R. C. La Roca				

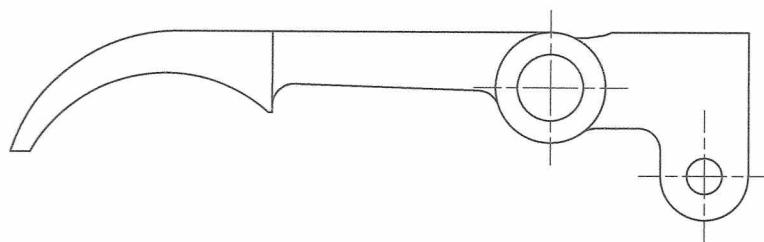
SCIKIT-BASIC



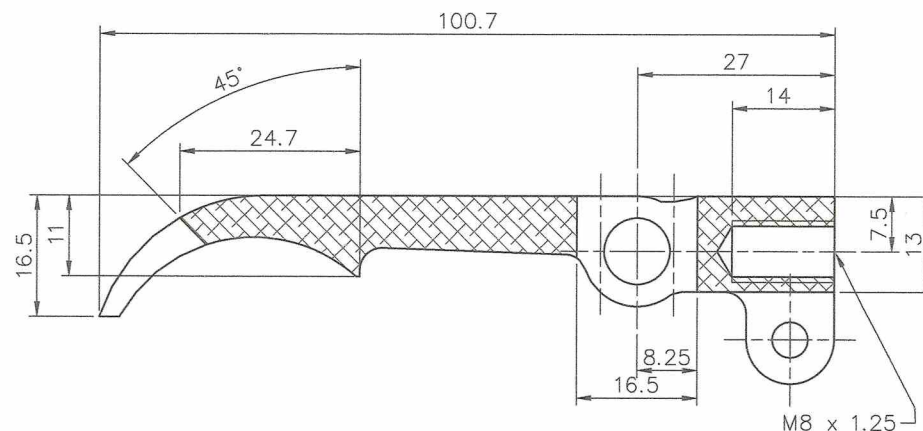
BOTTOM VIEW



ISOMETRIC




REAR VIEW



SECTIONAL VIEW "A-A"

GOVERNMENT PROPERTY

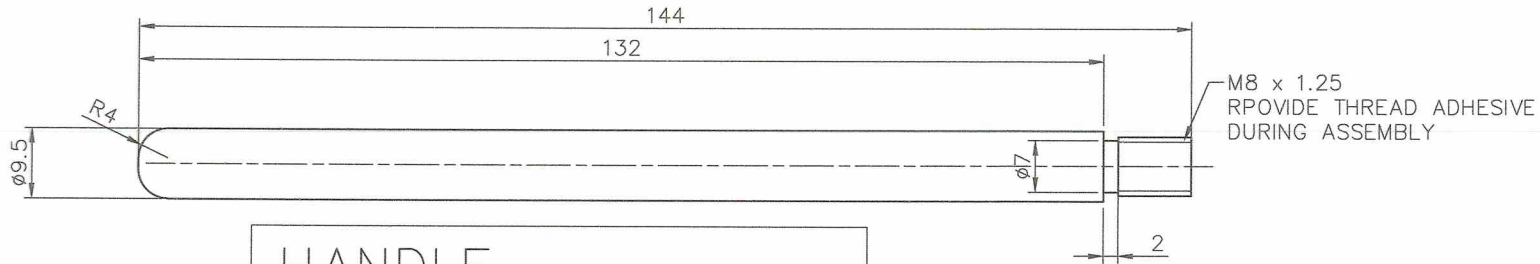
Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra	Q.C. Checked by	J.N. Arjoja	UNIVERSAL CLAMP : ARM - B	6/9
Designed by				Material	File name
Recommended by	A.B. Ybanez			ALUM-SILICON-COPPER ALLOY AA 384 or its equivalent (ADC 12)	univclmp.dwg
Approved by	R. C. La Rosa			 DepED-BLR	

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium					

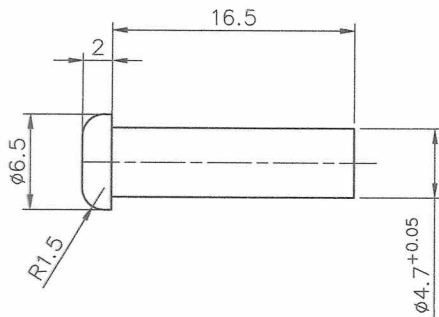
SYM	REVISION	DATE	BY

SCIKIT-BASIC



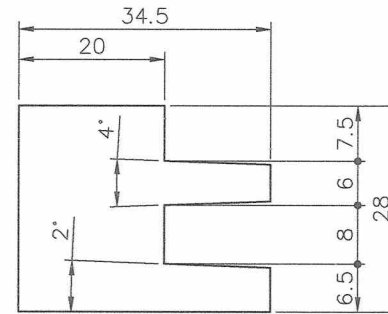
HANDLE

MATERIAL: STAINLESS ROD, AISI 304/304L
Surface Roughness: ∇ 1.20 to 1.40 μ m



SOLID RIVET

MATERIAL: ALUMINUM



CORK LINING

MATERIAL: 1.6MM THK CORK PAD,
HEAT RESISTANT UP TO 200°C


GENERAL NOTES:
Dimensions are in millimeters.
except otherwise specified.
Remove sharp edges.

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

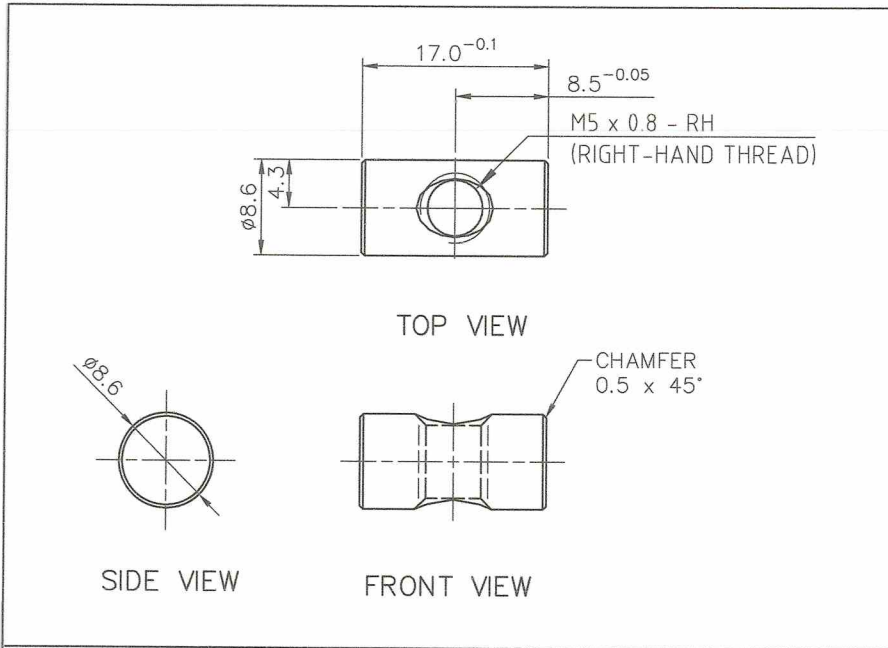
TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium					

SYM	REVISION	DATE	BY

Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP	
Conceptualized by					
Drawn by	B.C. Lisondra			UNIVERSAL CLAMP : ACCESSORIES	7/9
Designed by				Material	File name
				(AS SPECIFIED)	univclmp.dwg
Recommended by	A.B. Ybanez			 DepED-BLR	
Approved by	R. C. La Rosa				

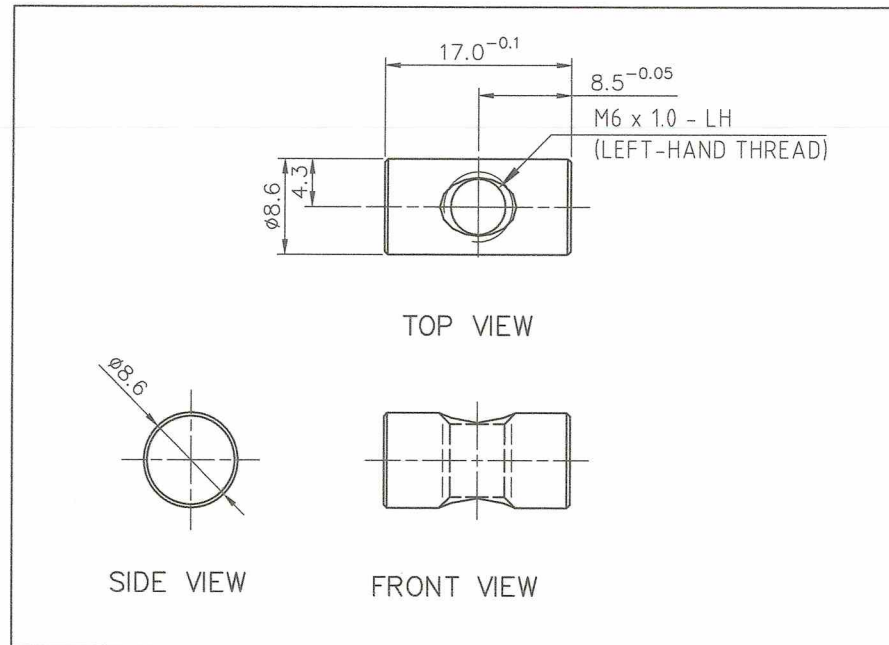


SCIKIT-BASIC



PIVOT NUT-B

MATERIAL: ALUMINUM BRONZE
 FINISHING : HARD CHROME PLATED
 Surface Roughness: $\nabla 1.00$ to $1.20 \mu m$



PIVOT NUT-A

MATERIAL: ALUMINUM BRONZE
 FINISHING : HARD CHROME PLATED
 Surface Roughness: $\nabla 1.00$ to $1.20 \mu m$

GENERAL NOTES:
 Dimensions are in millimeters.
 except otherwise specified.
 Remove sharp edges.

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

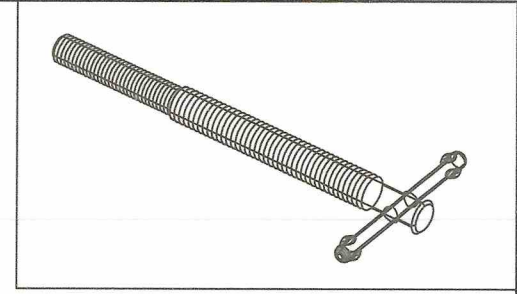
TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium		± 0.20	± 0.50	± 1.00	± 2.00

SYM	REVISION	DATE	BY

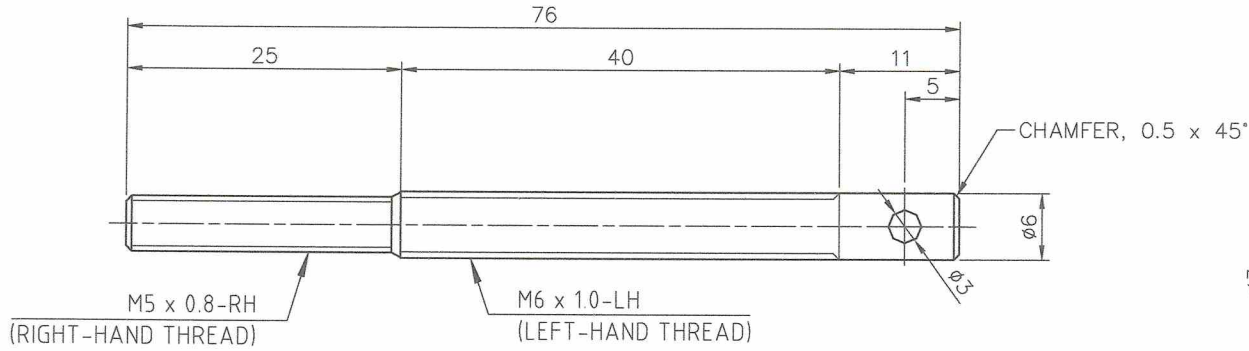
Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP
Conceptualized by				
Drawn by	B.C. Lisondra		Item Name	UNIVERSAL CLAMP : ACCESSORIES
Designed by	Q.C. Checked by		Material	(AS SPECIFIED)
	J.N. Arida		Sheet	8/9
	A.B. Ybanez		File name	univclmp.dwg
Recommended by	R. C. La Rosa		DepED-BLR	
Approved by				



SCIKIT-BASIC

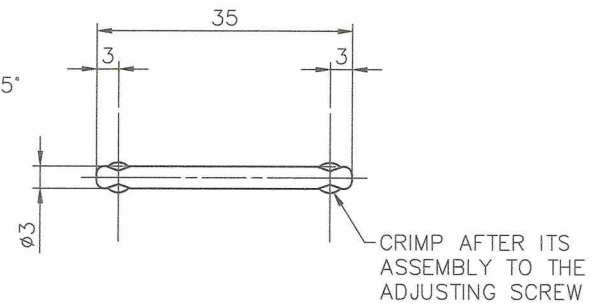


PERSPECTIVE



FRONT VIEW

ADJUSTING SCREW
 MATERIAL: ALUMINUM BRONZE, SAE 701B
 FINISHING : HARD CHROME PLATED
 Surface Roughness: $\nabla 1.00$ to $1.20 \mu m$



FRONT VIEW

SCREW NUT-WING PIN
 MATERIAL: STAINLESS STEEL, AISI 304/304L
 Surface Roughness: $\nabla 1.00$ to $1.20 \mu m$


GENERAL NOTES:
 Dimensions are in millimeters.
 except otherwise specified.
 Remove sharp edges.

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING						
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120	Over 120 to 400
Medium		± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

TOLERANCES FOR RADIUS & CHAMFERS					
Grade of Accuracy	Nominal Size	0.5 to 3	Over 3 to 6	Over 6 to 30	Over 30 to 120
Smooth		± 0.20	± 0.50	± 1.00	± 2.00
Medium					

SYM	REVISION	DATE	BY

Date	SEPT 2021	Scale	NTS	UNIVERSAL CLAMP		
Conceptualized by						Item Name
Drawn by	B.C. Lisondra	Q.C. Checked by	J.N. Arida	UNIVERSAL CLAMP : ACCESSORIES	9/9	
Designed by				Material	File name	
Recommended by	A.B. Ybanez				(AS SPECIFIED)	univclmp.dwg
Approved by	R. C. La Rosa				 DepED-BLR	
