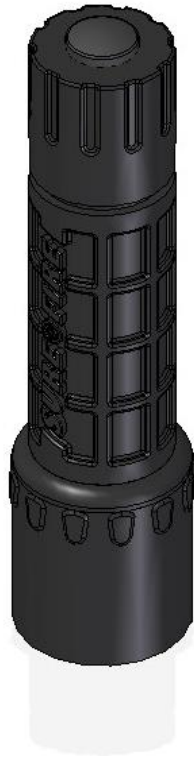


Marianopolis Épreuve Synthèse

TECHNICAL DRAWING FINAL PROJECT:
SUREFIRE FLASHLIGHT



Full Assembly View 1



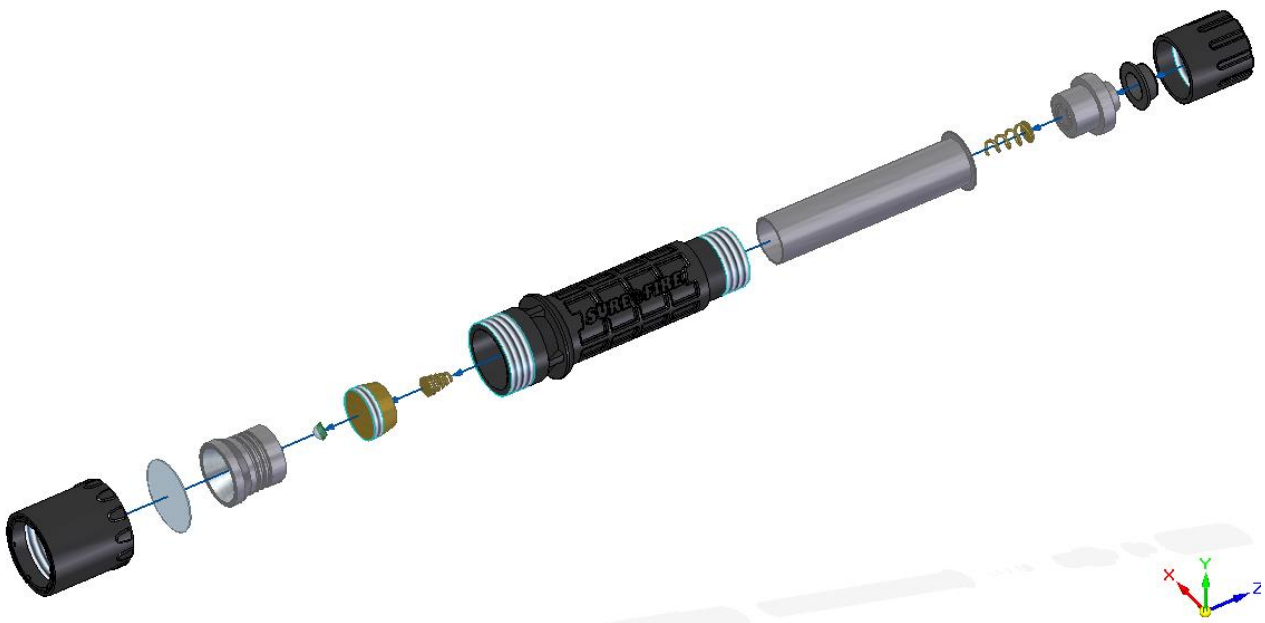
Full Assembly View 2



Assembly Section View

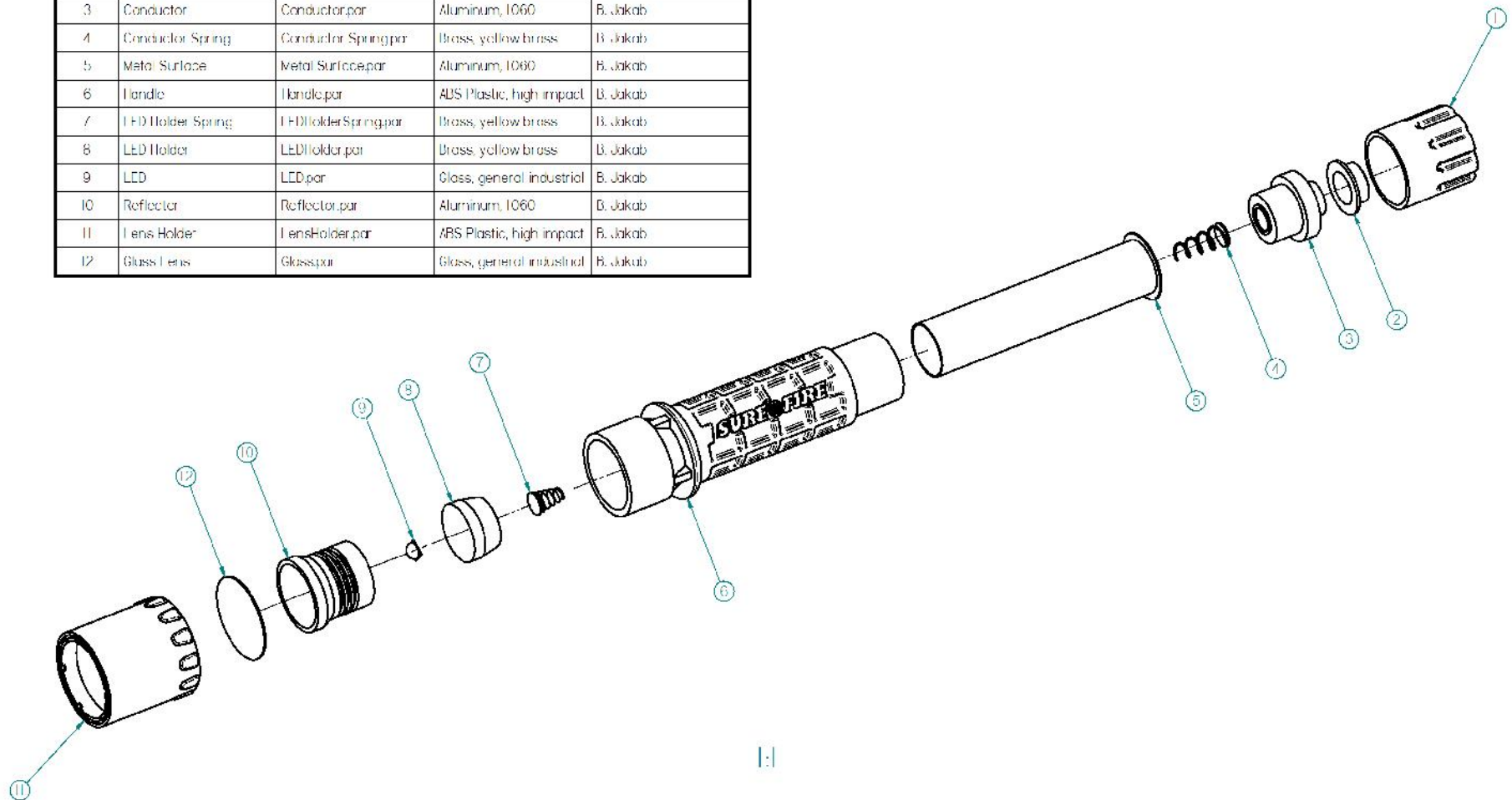


Exploded Assembly View



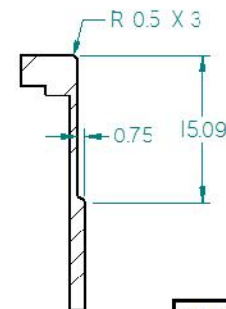
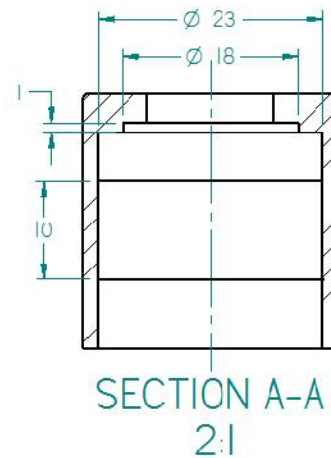
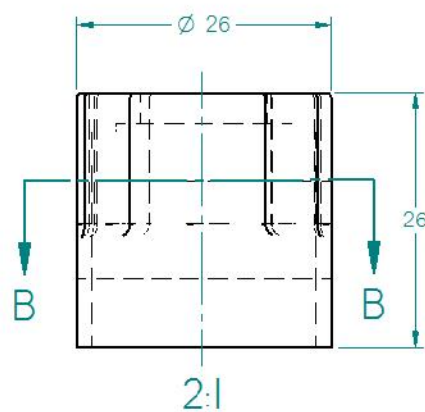
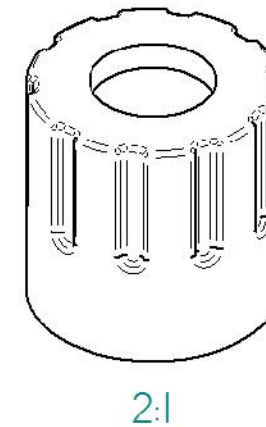
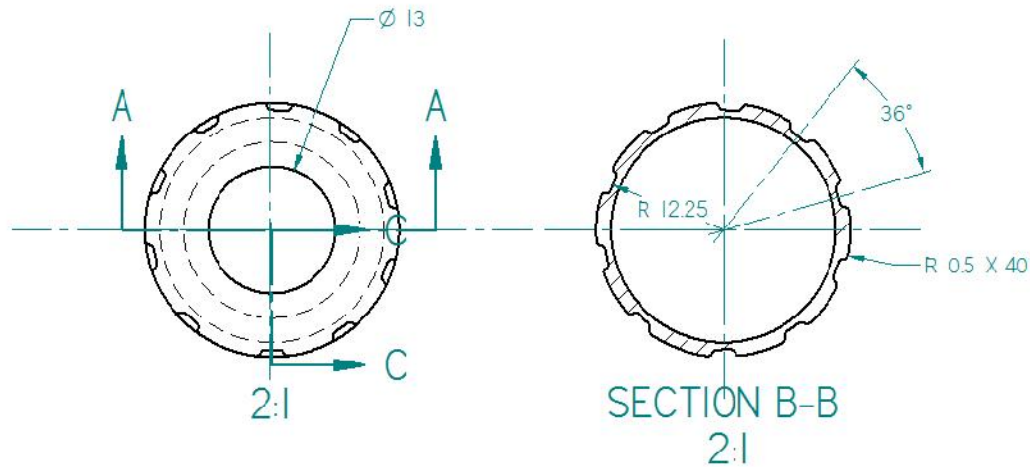
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

Item Number	Title	File Name	Material	Author
1	Tail Cap	TailCap.par	ABS Plastic, high impact	B. Jakob
2	Rubber Button	Rubber Button.par	Silicone	B. Jakob
3	Conductor	Conductor.par	Aluminum, 1060	B. Jakob
4	Conductor Spring	Conductor Spring.par	Brass, yellow brass	B. Jakob
5	Metal Surface	Metal Surface.par	Aluminum, 1060	B. Jakob
6	Handle	Handle.par	ABS Plastic, high impact	B. Jakob
7	LED Holder Spring	LED Holder Spring.par	Brass, yellow brass	B. Jakob
8	LED Holder	LED Holder.par	Brass, yellow brass	B. Jakob
9	LED	LED.par	Glass, general industrial	B. Jakob
10	Reflector	Reflector.par	Aluminum, 1060	B. Jakob
11	Lens Holder	Lens Holder.par	ABS Plastic, high impact	B. Jakob
12	Glass Lens	Glass.par	Glass, general industrial	B. Jakob



STUDENT	B. JAKOB	Solid Edge		
INSTRUCTOR	C. FLEISCHER			
DATE	05/07/15	III - SUREFIRE FLASHLIGHT		
SIGNATURE				
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS ANGLES XXX°		SIZE C	DWG NO.	REV
2 PL +XXX 3 PL +XXXX		FULL NAME: Assembly: indult		
		SCALE	WIGHT	SHEET 1 OF 1

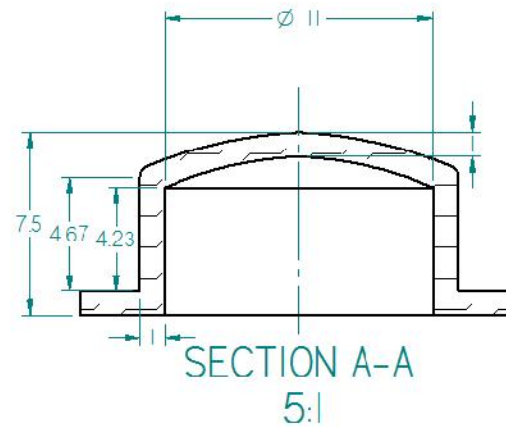
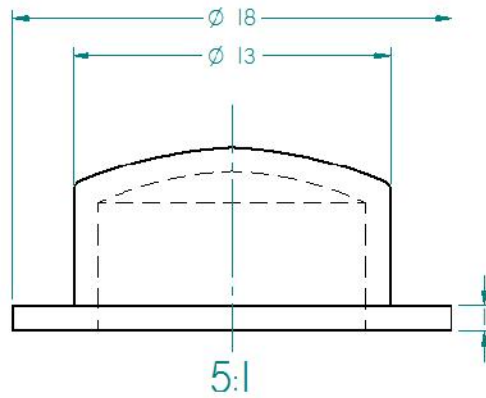
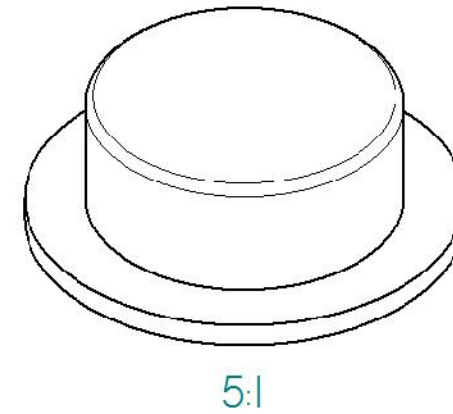
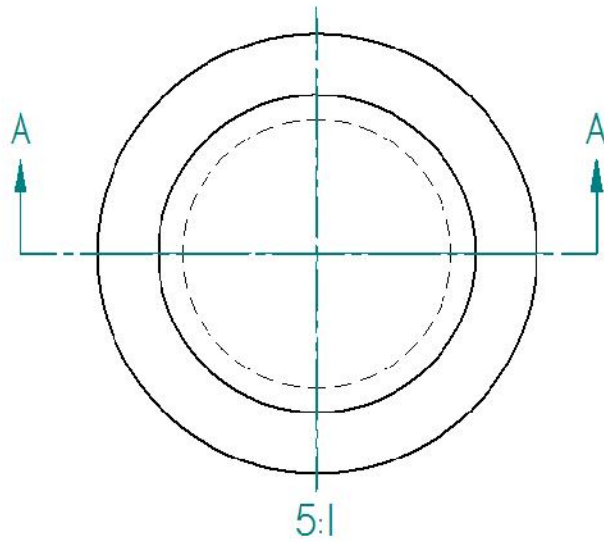
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		TAIL CAP	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES *XX* 2 PL *XXX 3 PL *XXXX		SIZE B	DWG NO
		FILE NAME: TailCap.cft	REV
SCALE:		WEIGHT:	SHEET 1 OF 1

SOLID EDGE ACADEMIC COPY

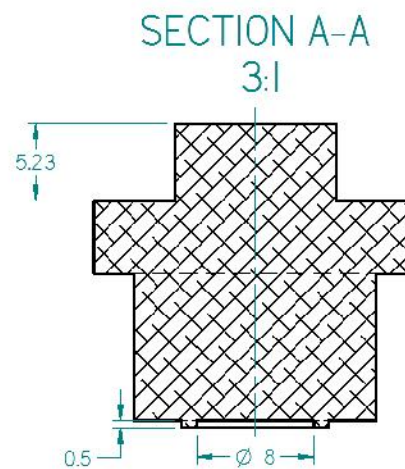
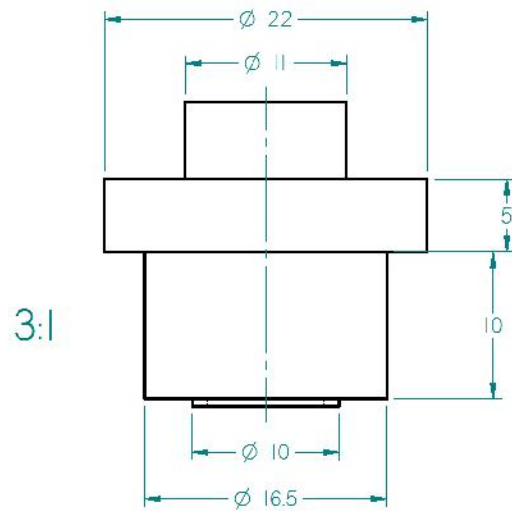
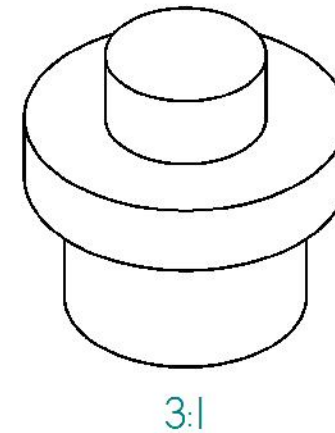
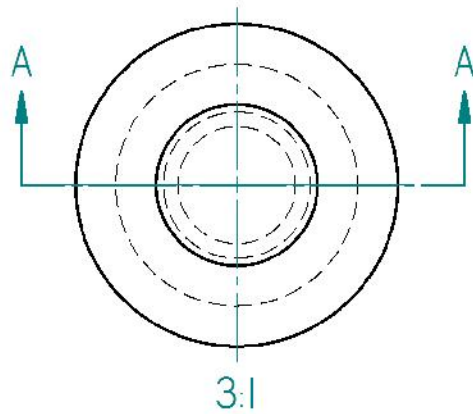
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		RUBBER BUTTON	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES $\pm XX^\circ$ 2 PL $\pm XXX$ 3 PL $\pm XXXX$		SIZE B	DWG NO
		FILE NAME: Rubber Button.dft	REV
SCALE:		WEIGHT:	SHEET 1 OF 1

SOLID EDGE ACADEMIC COPY

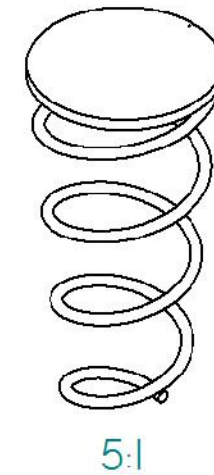
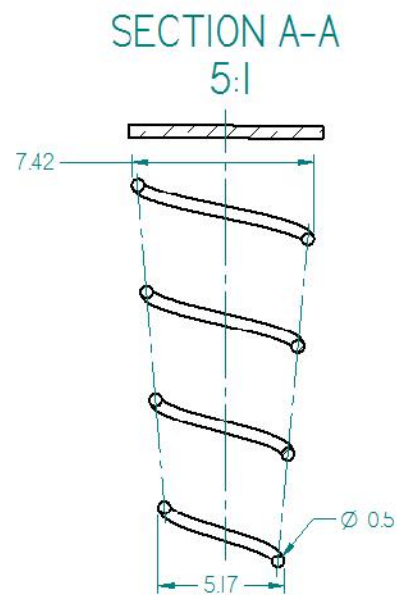
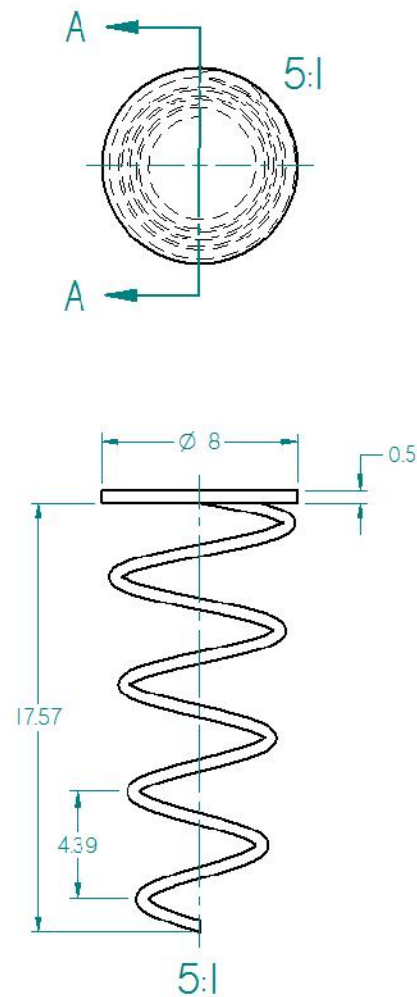
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE CONDUCTOR	
SIGNATURE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±X.X° 2 PL ±XXX 3 PL ±XXX		S:7 B	DWG NO
		FILE NAME: Conductor.dft	
		SCALE:	WEIGHT: SHEET 1 OF 1

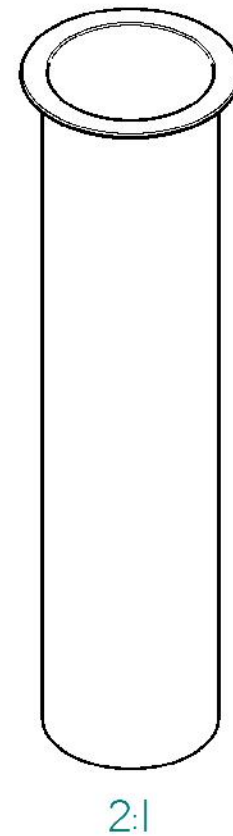
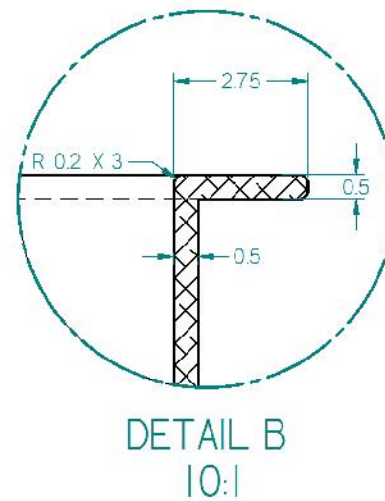
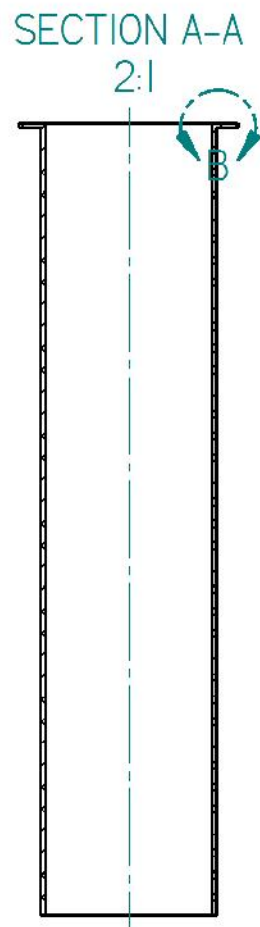
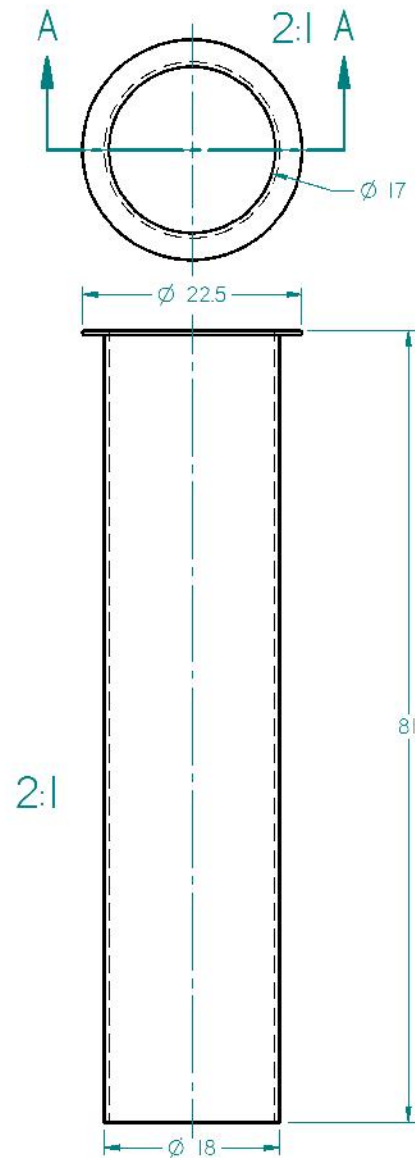
SOLID EDGE ACADEMIC COPY

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		CONDUCTOR SPRING	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES *XX* 2 PL *XXX 3 PL *XXXX		B	RE/
		FILE NAME: Conductor Spring.dft	
SCALE:		WEIGHT:	SHEET 1 OF 1

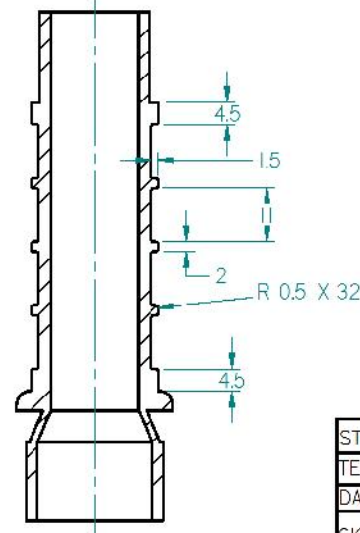
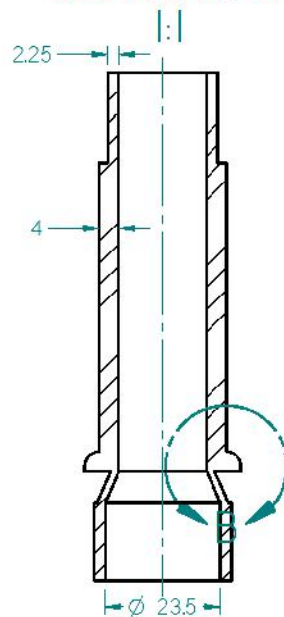
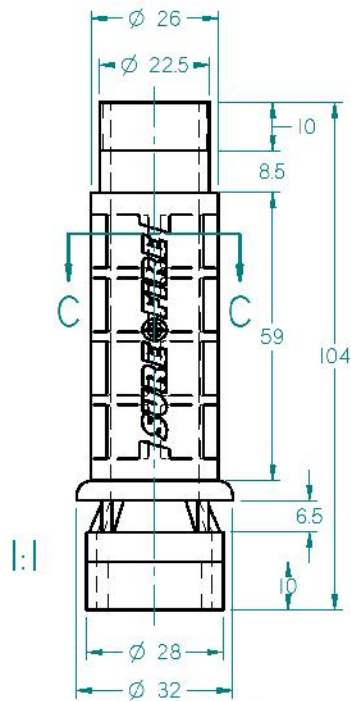
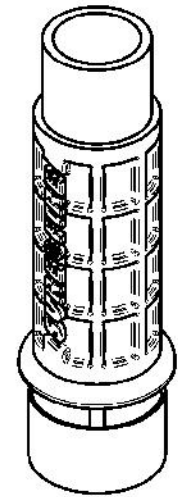
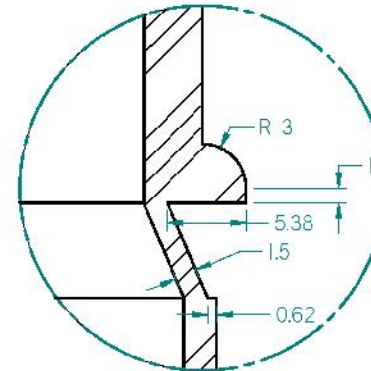
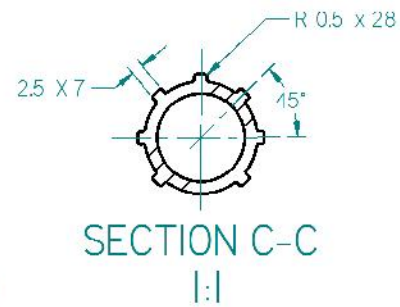
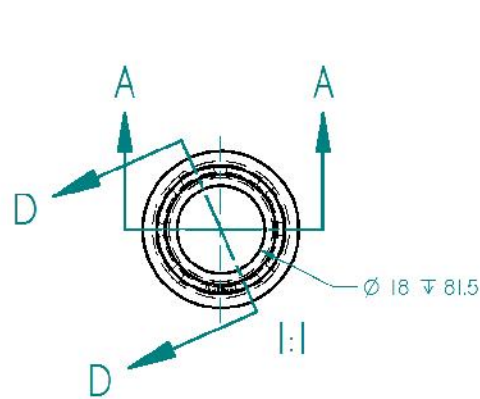
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		METAL SURFACE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±X.X° 2 PL ±XXX 3 PL ±XXXX		SZT B	DWG NO
		FILE NAME: Metal Surface.dft	
		SCALE:	WEIGHT:
		SHEET 1 OF 1	

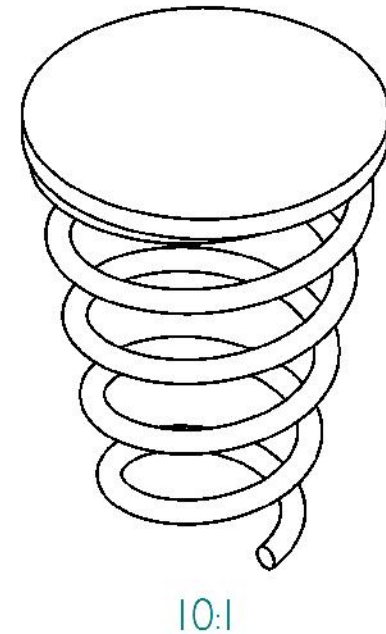
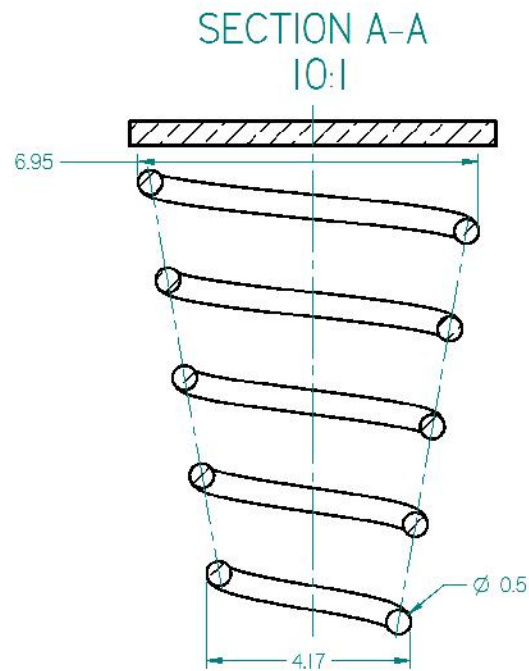
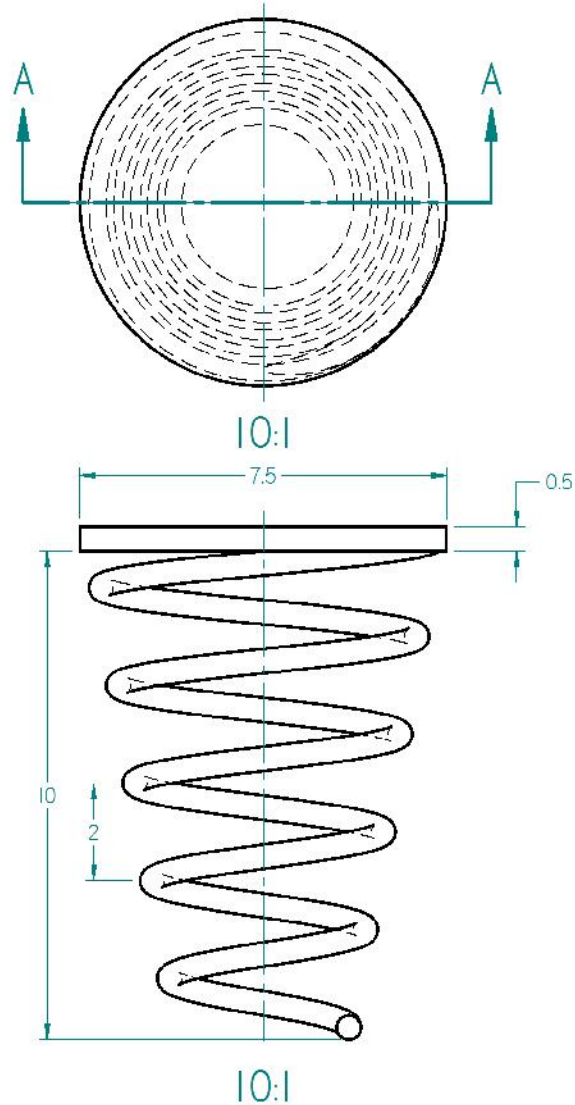
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		HANDLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES $\pm X.X^\circ$ 2 PL $\pm XXX$ 3 PL $\pm XXXX$		SZT B	DWG NO
		FILE NAME: Handle.dft	
		SCALE:	WEIGHT:
		SHEET 1 OF 1	

SOLID EDGE ACADEMIC COPY

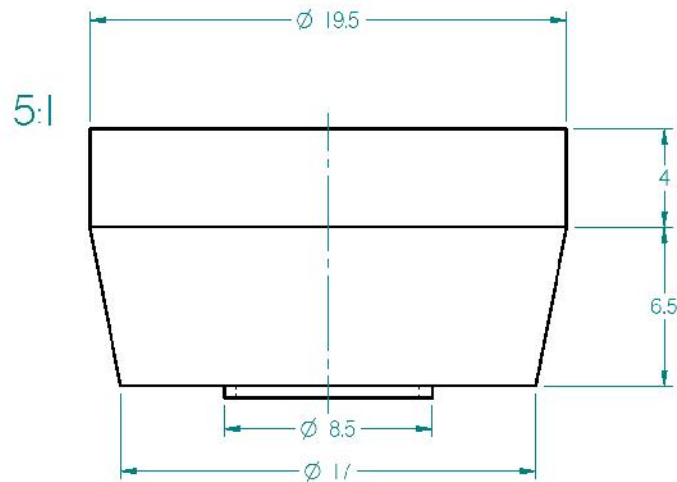
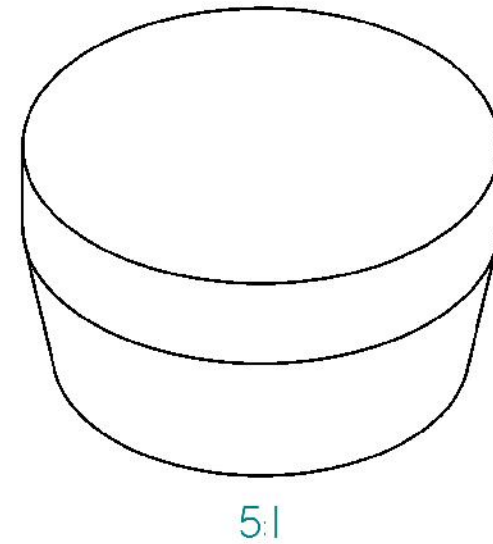
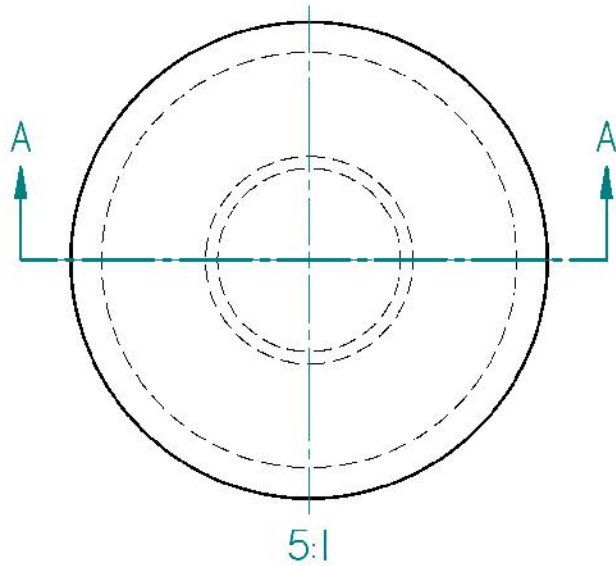
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



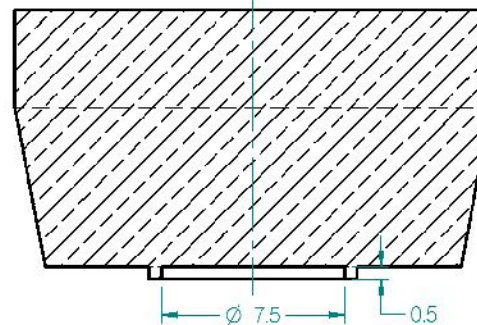
STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE LED HOLDER SPRING	
SIGNATURE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±X.X° 2 PL ±XXX 3 PL ±XXXX		S:7F B	DWG NO
		FILE NAME: LEDHolderSpring.dft	
		SCALE:	WEIGHT:
		SHEET 1 OF 1	

SOLID EDGE ACADEMIC COPY

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



SECTION A-A
5:1

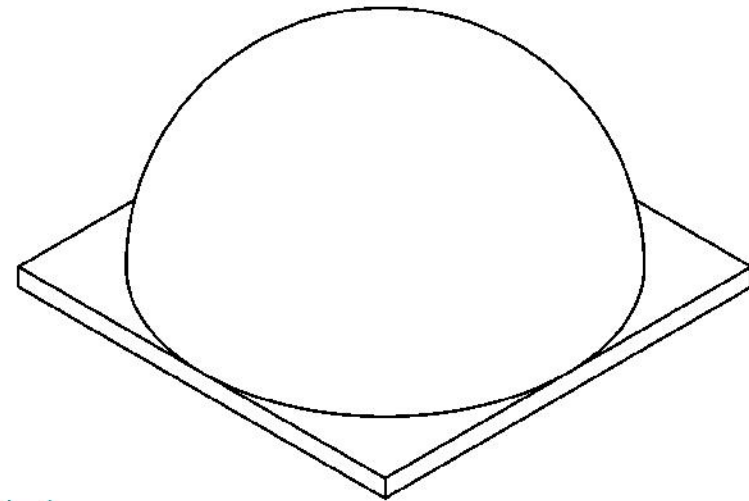
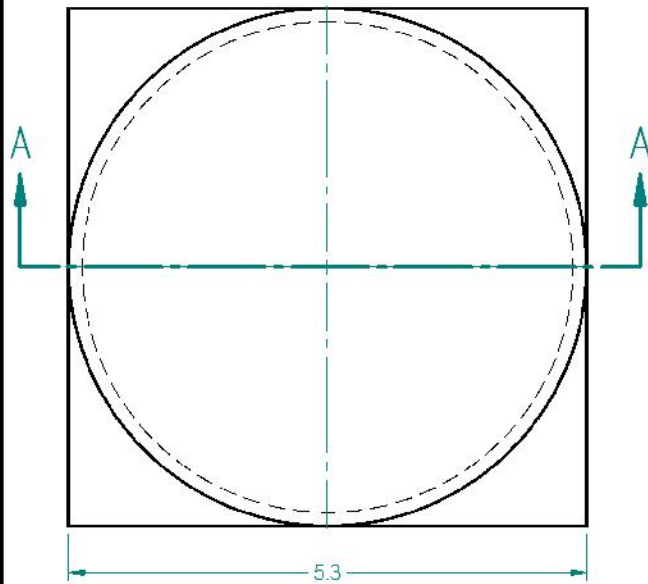


STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		LED HOLDER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±X.X° 2 PL ±XXX 3 PL ±XXXX		S:7 B	DWG NO
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		SCALE:	WEIGHT: SHEET 1 OF 1

SOLID EDGE ACADEMIC COPY

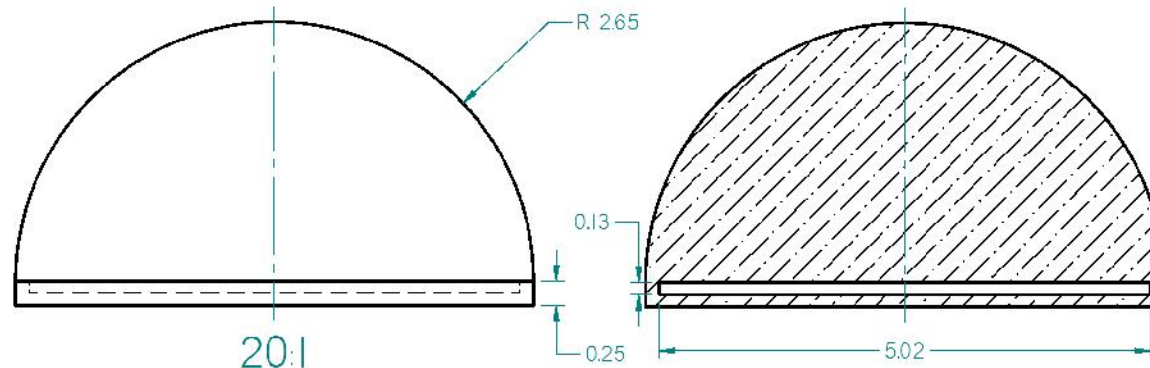
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

20:1



20:1

SECTION A-A
20:1

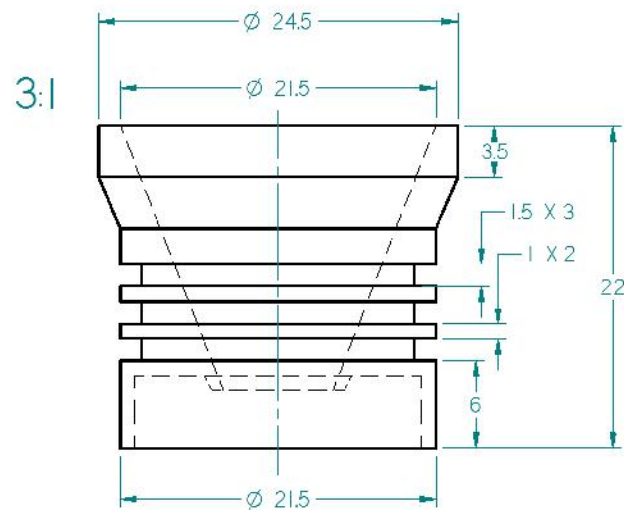
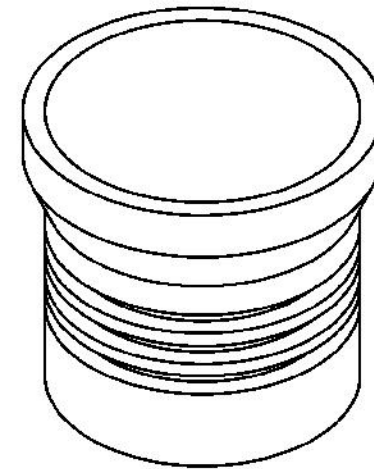
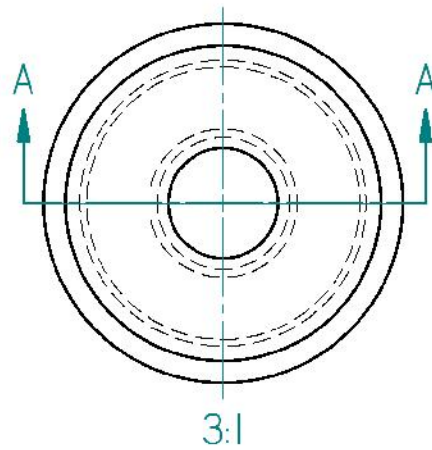


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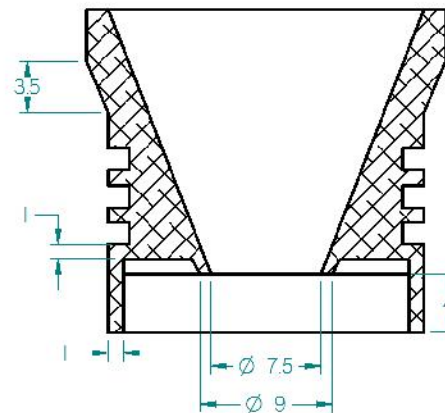
STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		LED	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±X.X° 2 PL ±XXX 3 PL ±XXXX		DWG NO	RV
		FILE NAME: LED.dft	
		SCALE:	WEIGHT:
		SHEET 1 OF 1	

SOLID EDGE ACADEMIC COPY

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

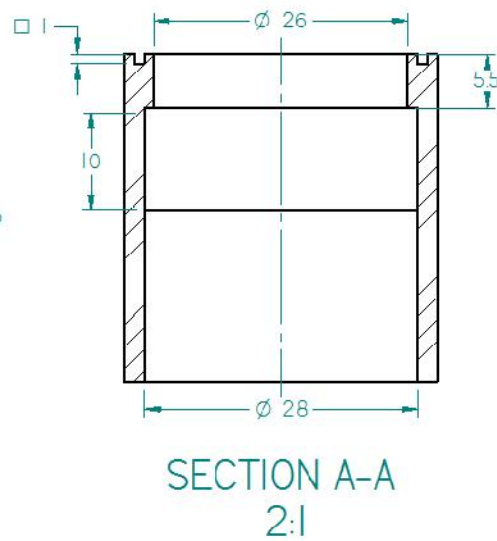
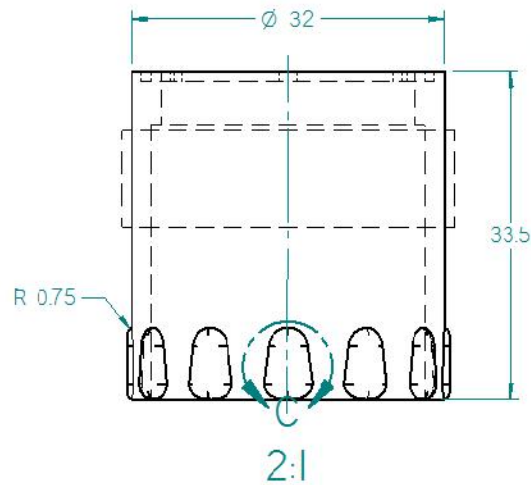
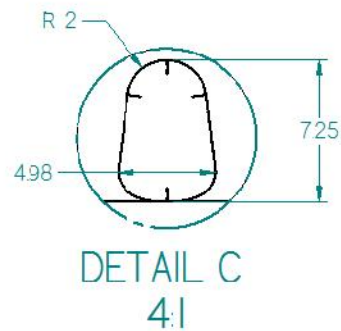
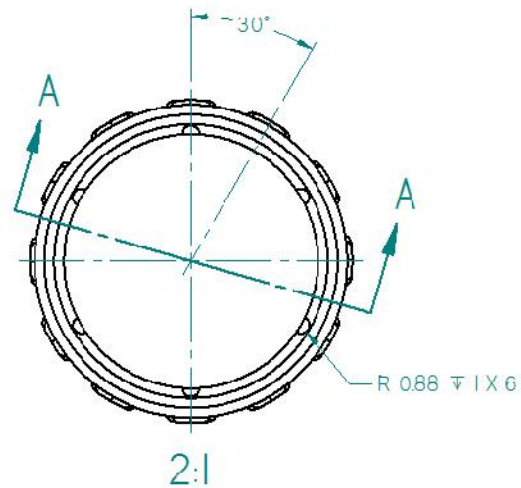


SECTION A-A
3:1

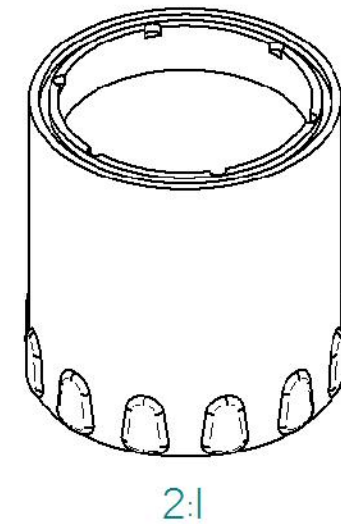


STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	REFLECTOR	
SIGNATURE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES $\pm X.X^\circ$ 2 PL $\pm XXX$ 3 PL $\pm XXXX$		S:7 B	DWG NO
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		SCALE:	WEIGHT: SHEET 1 OF 1

SOLID EDGE ACADEMIC COPY



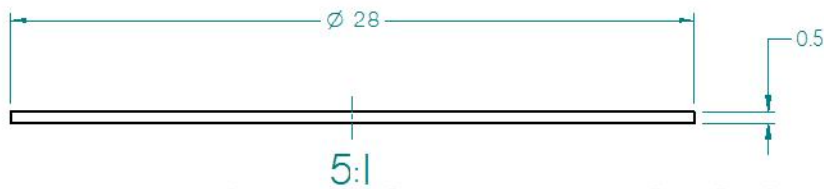
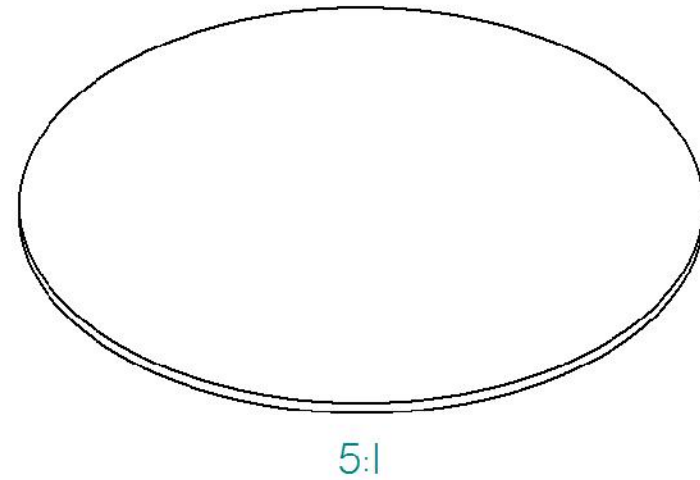
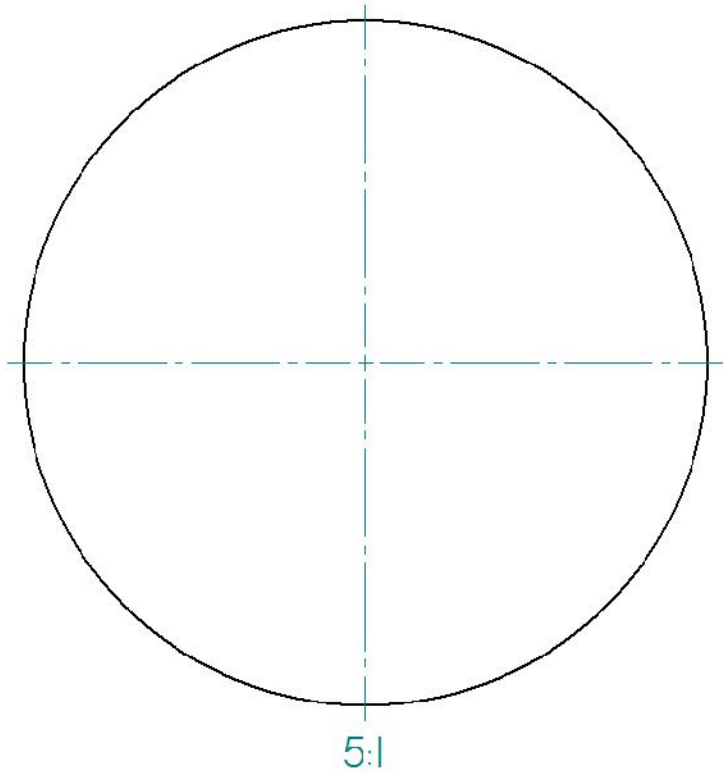
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE LENS HOLDER	
SIGNATURE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES *XX° 2 PL *XXX 3 PL *XXXX		SIZE B	DWG NO
		FILE NAME: LensHolder.dft	REV
SCALE:		WEIGHT:	SHEET 1 OF 1

SOLID EDGE ACADEMIC COPY

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



STUDENT	B. JAKAB	Solid Edge	
TEACHER	G. FLEISCHER		
DATE	05/07/15	TITLE	
SIGNATURE		GLASS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES ±XX° 2 PL ±XXX 3 PL ±XXXX		SIZE B	DWG NO
		FILE NAME: Class.dft	REV
SCALE:		WEIGHT:	SHEET 1 OF 1

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