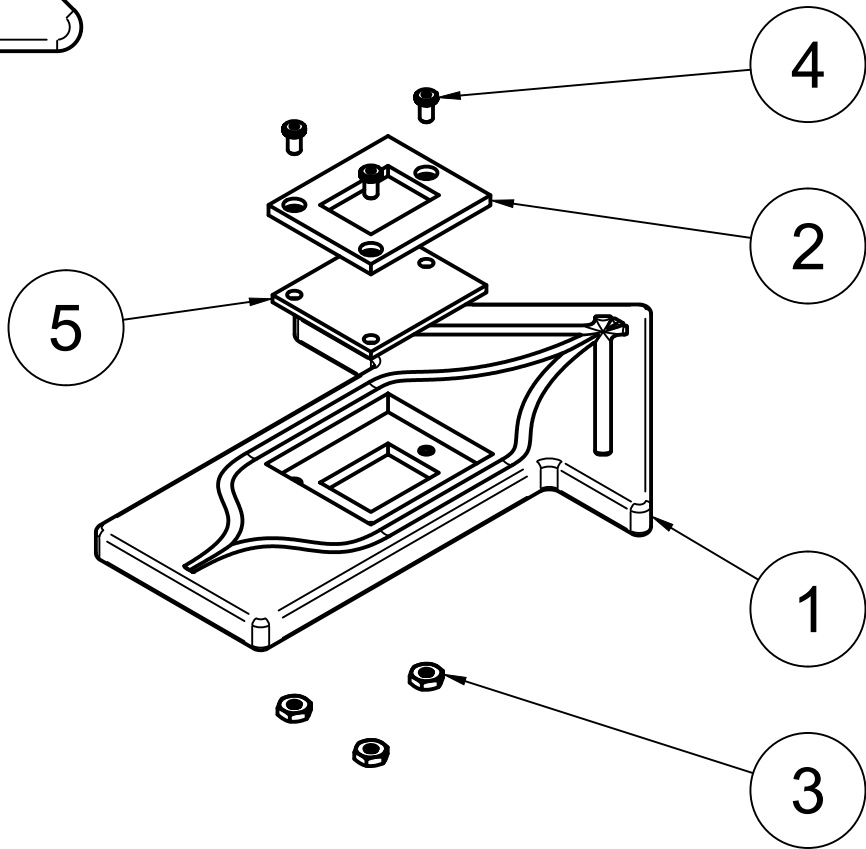
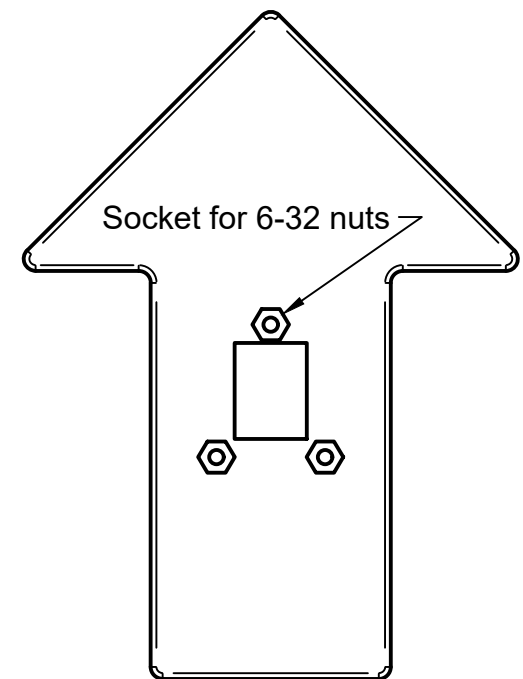
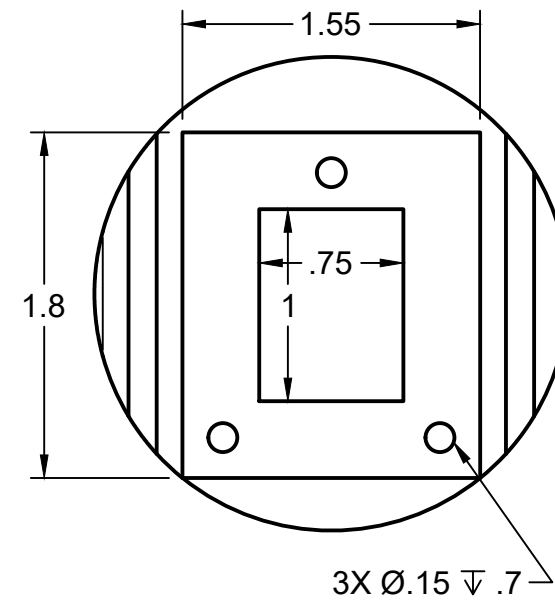
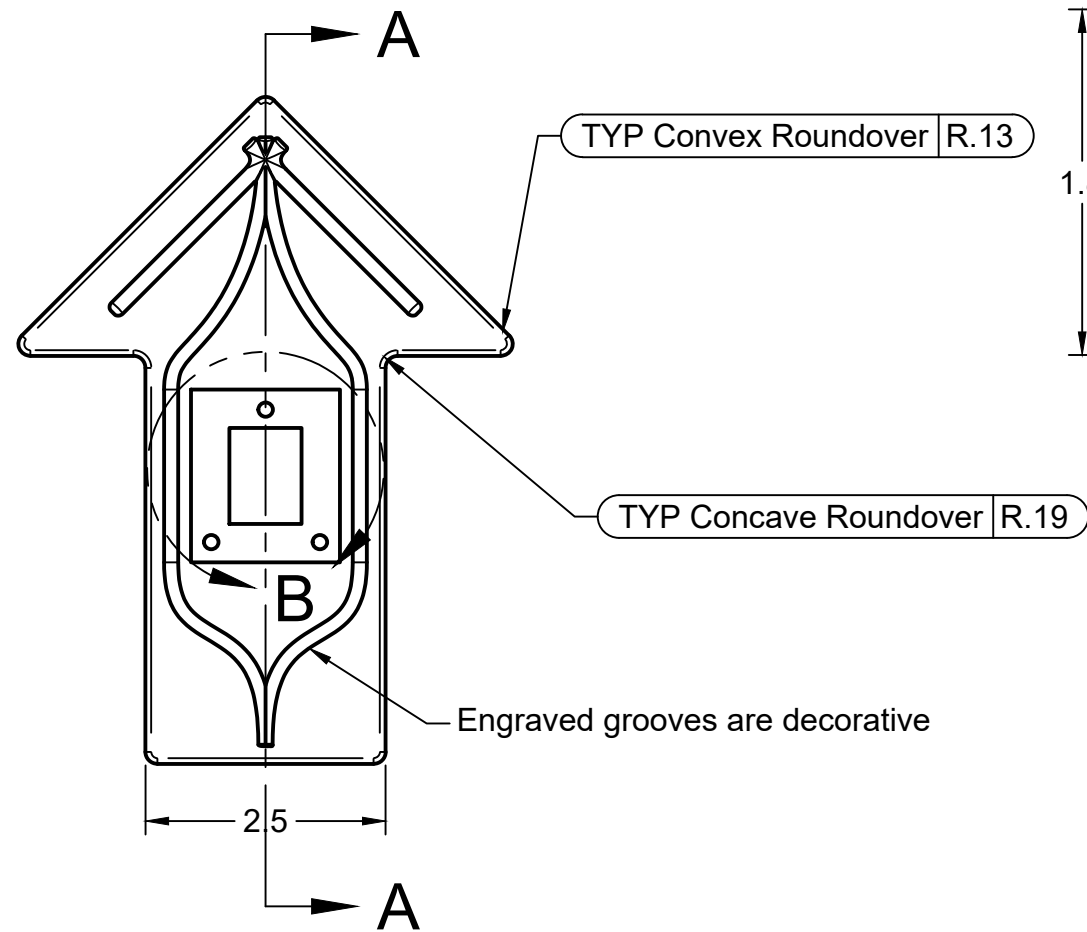
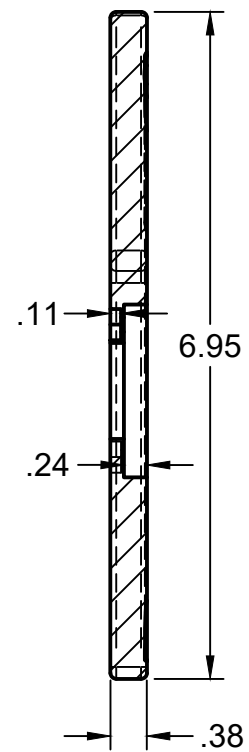


PARTS LIST				
ITEM	QTY	PART NAME	DESCRIPTION	MATERIAL
1	1	ARROW BODY MK2 V7	----	PLASTIC, OPAQUE BLACK
2	1	NEOPRENE CLAMP MK2 V4	----	PLASTIC, OPAQUE BLACK
3	3	6-32 HEX NUT	MCMASTER PT 90480A007	STEEL
4	3	6-32X1/4 LOW-PROFILE SOCKET HEAD SCREW	MCMASTER PT 93615A210	STEEL
5	1	CONSUMABLE RUBBER GRIP	----	RUBBER, BLACK



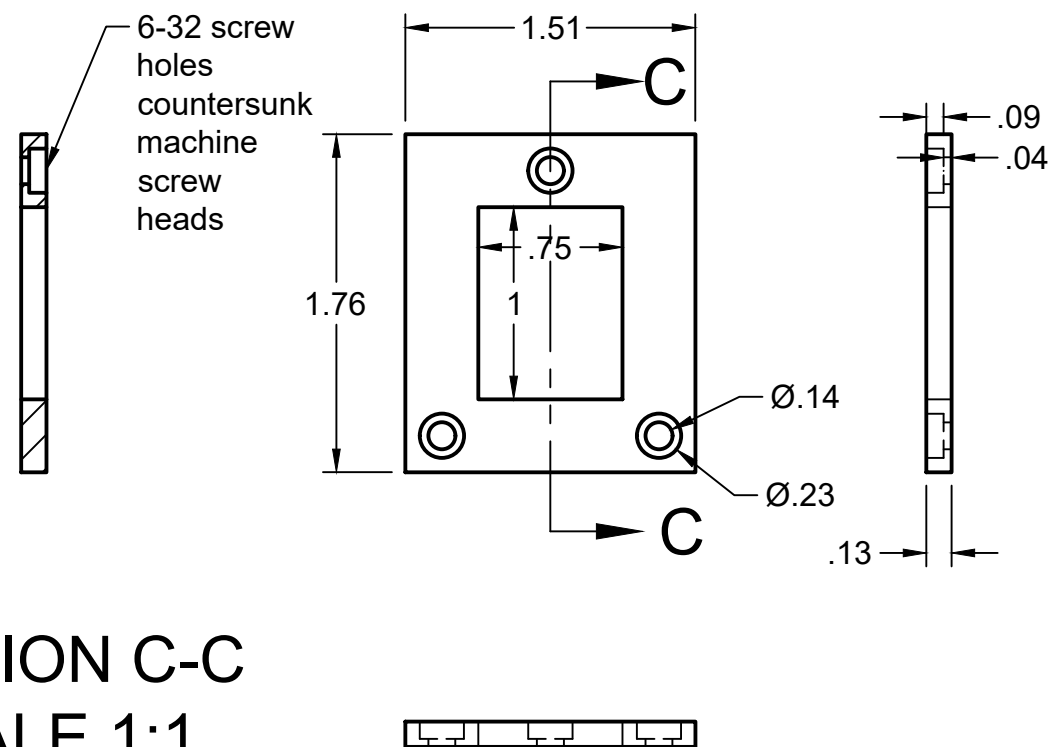
- To build:
- Print .stl files for Body and Clamp
 - Layer Height 0.08
 - Ironing on
 - Supports under hex nut sockets
 - Superglue 6-32 nuts into hex sockets
 - Cut rectangle of rubber grip
 - Precut holes for screws
 - Install 6-32x $\frac{1}{4}$ screws with $\frac{1}{16}$ Allen wrench
 - Skewer Arrow through rubber grip pointing towards blade edge
 - Replace rubber grip when worn out

PROJECT			
Stage Combat			
TITLE			
Arrow Assembly			
SIZE	DRAWN	DWG NO	REV
B	Eben Alguire		
SCALE 1:1	Property of UIUC Theatre Dept	SHEET 1/3	



PROJECT			
Stage Combat			
TITLE			
Arrow Body Data Sheet			
3D Printed in CR PLA			
0.08 Layer Height with Ironing			
SIZE	DRAWN	DWG NO	REV
B	Eben Alguire		
SCALE 1:2	Property of UIUC Theatre Dept	SHEET 2/3	

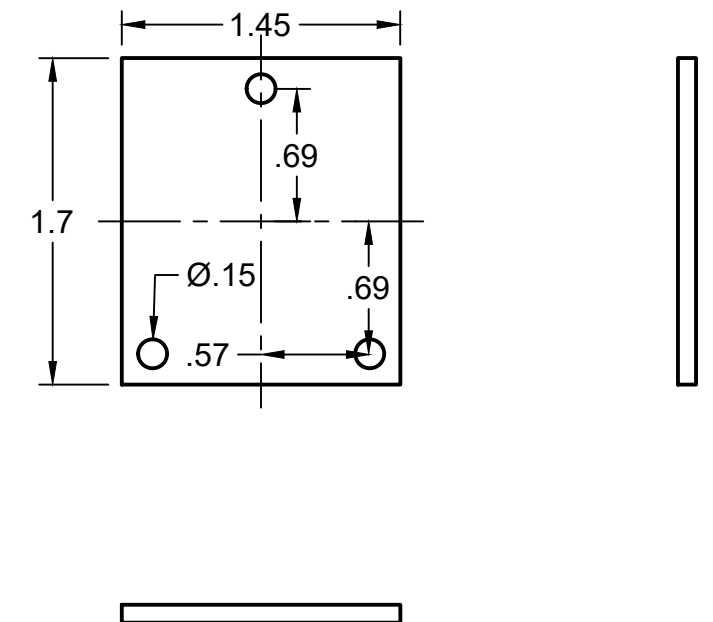
SECTION C-C
SCALE 1:1



Consumable Rubber Grip
Rectangle of neoprene (or similar)
Pre-cut holes for easier install

When assembled, skewer through
grip with stage blade with arrow
facing edge

Replace worn out consumable grip
with a new piece



PROJECT			
Stage Combat			
TITLE			
Clamp and Grip			
Clamp 3D Printed in CR PLA			
0.08 Layer Height with Ironing			
SIZE	DRAWN	DWG NO	REV
B	Eben Alguire		
SCALE 1:1	Property of UIUC Theatre Dept	SHEET 3/3	