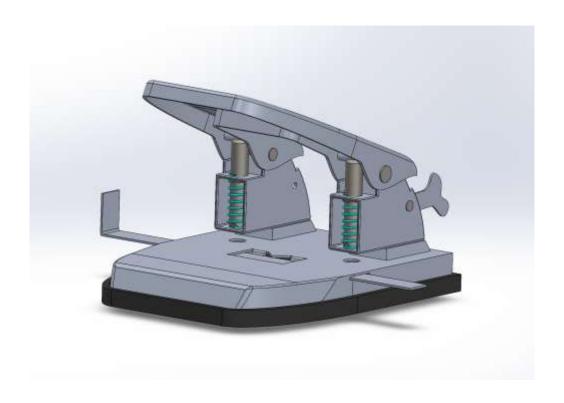
Worcester Polytechnic Institute ES 1310 Final Project: Hole Puncher

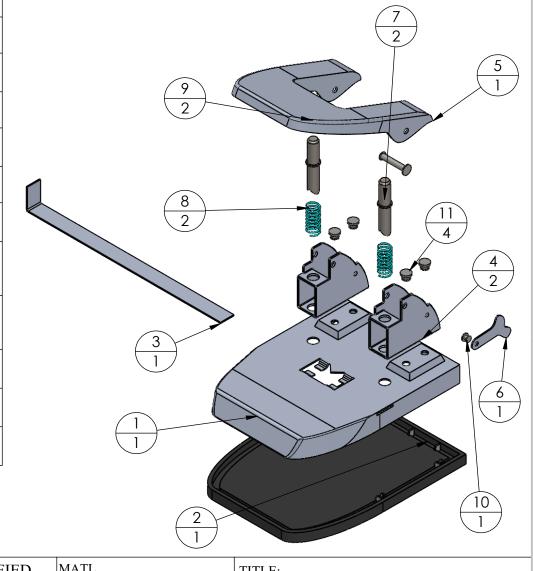


Angelo Reade 6/26/2025

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ITELANIO	PART	DECODIDATION	AAATEDIAI	OTV
ITEM NO.	NUMBER	DESCRIPTION	MATERIAL	QTY.
1	16-A	Base Plate	6061-T6 (SS)	1
2	17-A	Clipping Dish	SANTOPRE NE	1
3	16-B	Ruler 182MM L x 12.5MM W	6061-T6 (SS)	1
4	16-C	Mounting Bracket	6063-T6	2
5	16-D	Handle	6061-T6 (SS)	1
6	16-E	Safety Clip	6061-T6 (SS)	1
7	18-A	Cutting Dowel 8MM DIA x 43MM	AISI Type A2 Tool Steel	2
8	18-B	Spring ID 1MM OD 9MM	Plain Carbon Steel	2
9	19-A	Fastnening Pin, 4MM	AISI 304	2
10	19-B	Fastening Pin, 3MM	AISI 3040.39	1
11	19-C	Fastnening Pin, 5MM	AISI 304	4



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Mechanical Engineering
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Institute

UNLESS OTHERWISE SPECIFIED
DIMENSIONS
ARE IN MM. TOLERANCES ARE
$.X \pm .05 .XX \pm .01 ANGLES \pm 1^{\circ}$
DIMENSIONING AND TOLERANCE
IN ACCORDANCE WITH
ASME Y14.5-2018

	MATL Varies DRAWN BY: AR	Hole-Puncher
,	DATE: 6/26/2025	SCALE 1:2.5 DWG. Expl. View

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В

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	16-A	Base Plate	6061-T6 (SS)	1
2	17-A	Clipping Dish	SANTOPRE NE	1
3	16-B	Ruler 182MM L x 12.5MM W	6061-T6 (SS)	1
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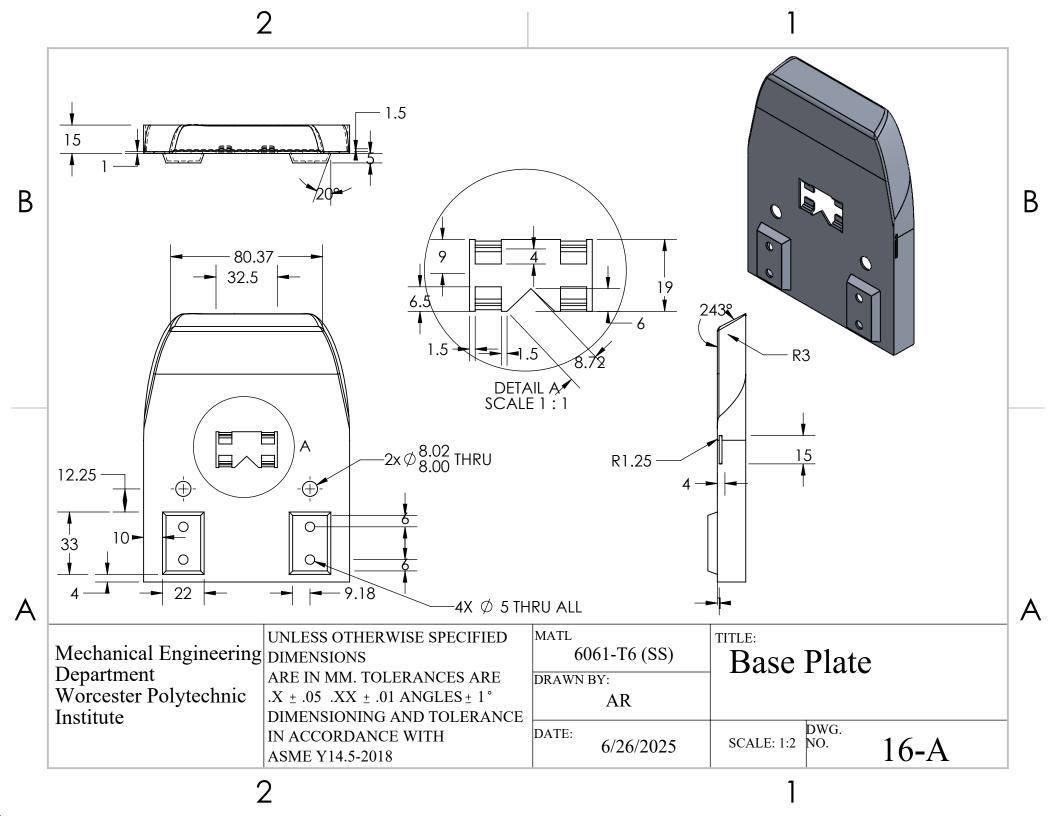
Mechanical Engineering
Department
Worcester Polytechnic
Institute

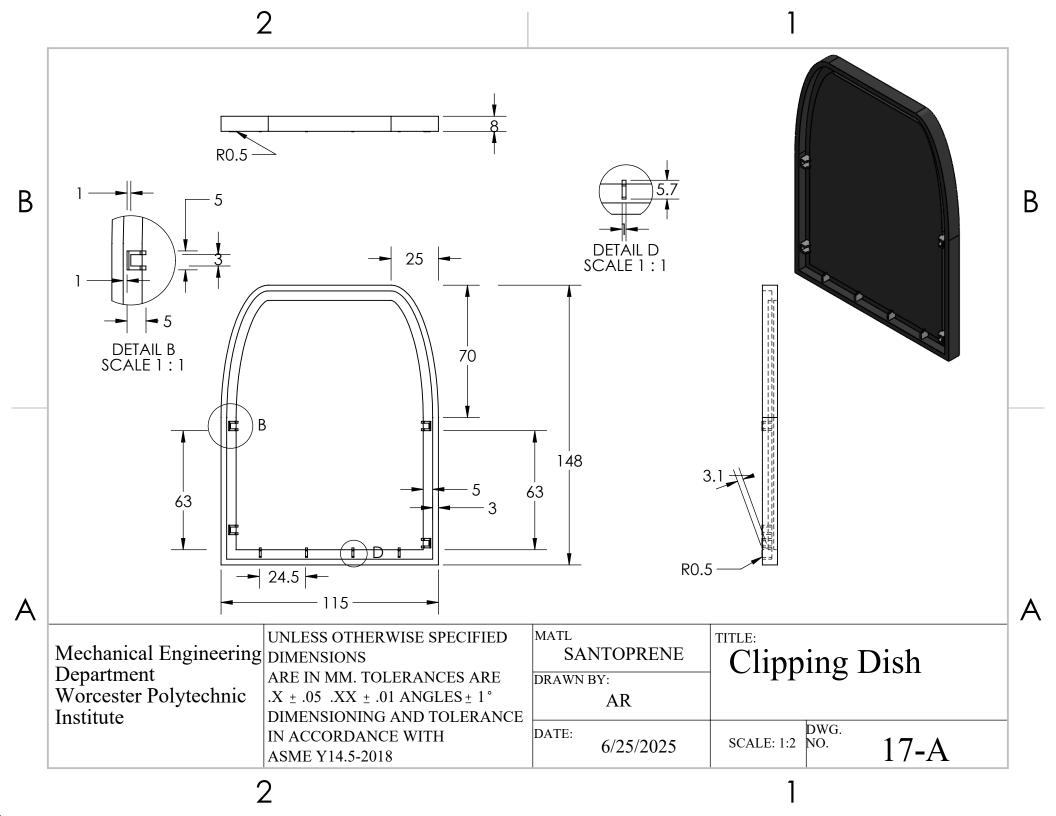
UNLESS OTHERWISE SPECIFIED DIMENSIONS
ARE IN MM. TOLERANCES ARE
.X ± .05 .XX ± .01 ANGLES ± 1°
DIMENSIONING AND TOLERANCE
IN ACCORDANCE WITH
ASME Y14.5-2018

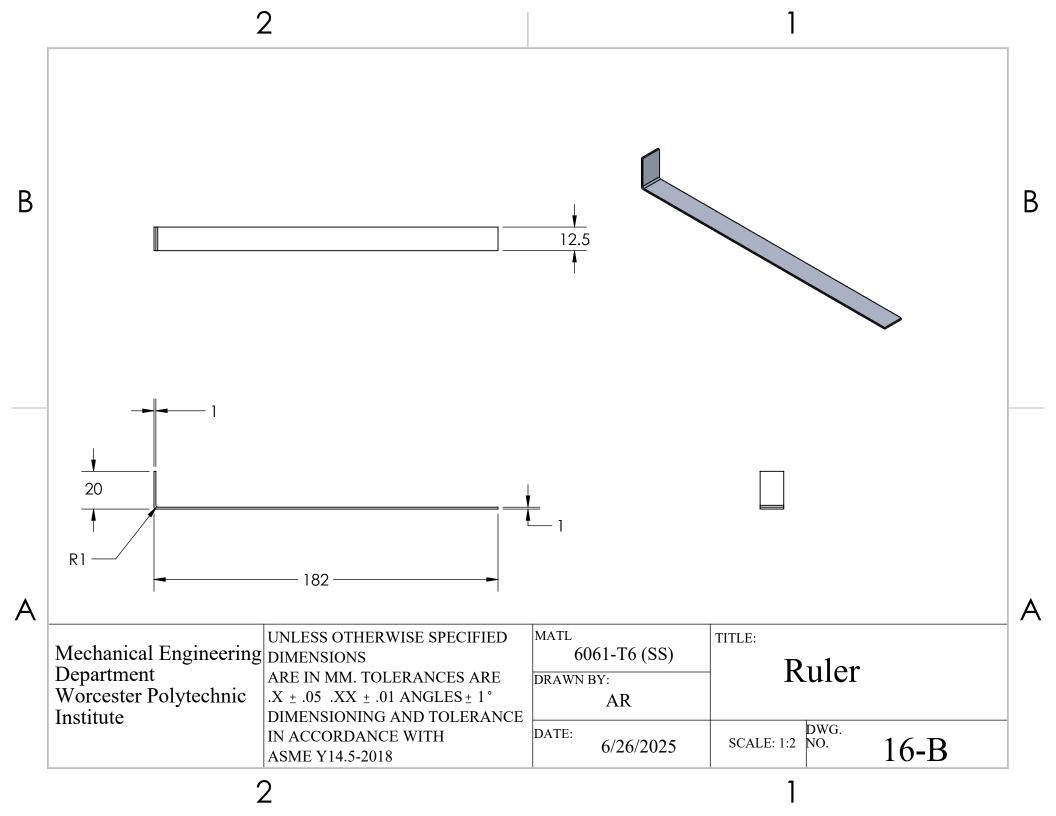
	MATL Varies DRAWN BY: AR	Hole-Puncher
,	DATE: 6/26/2025	SCALE 1:2.5 DWG. NO. Sec. View

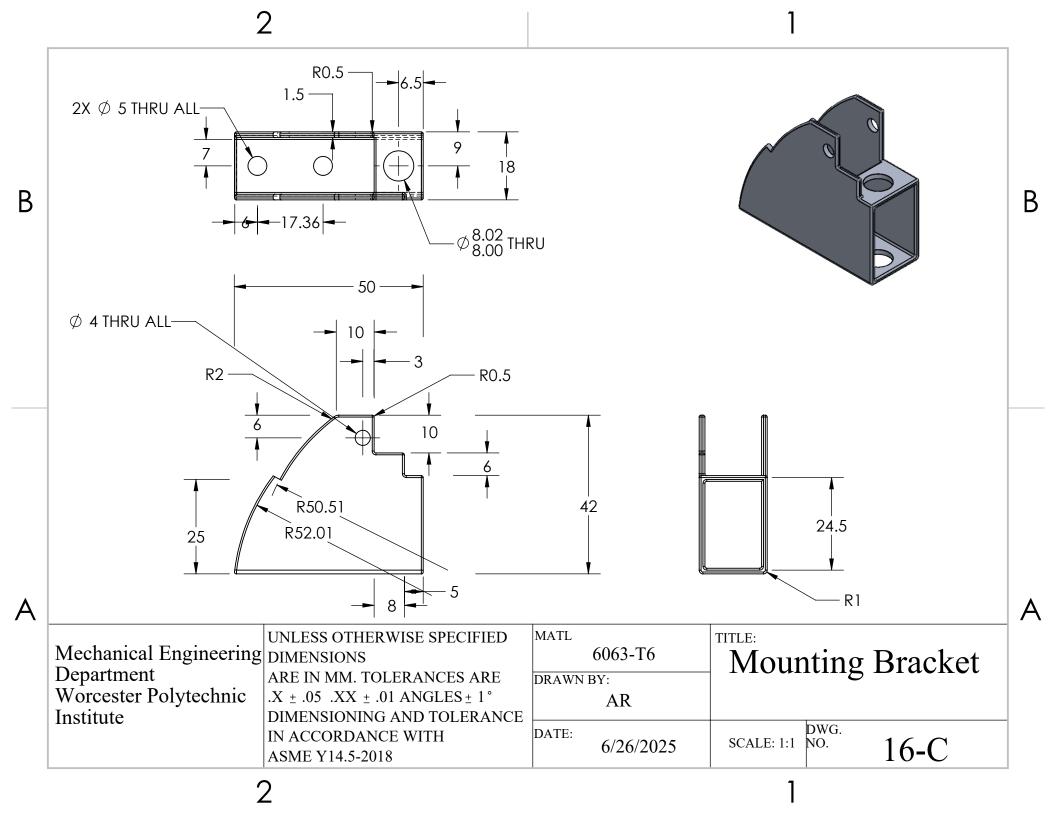
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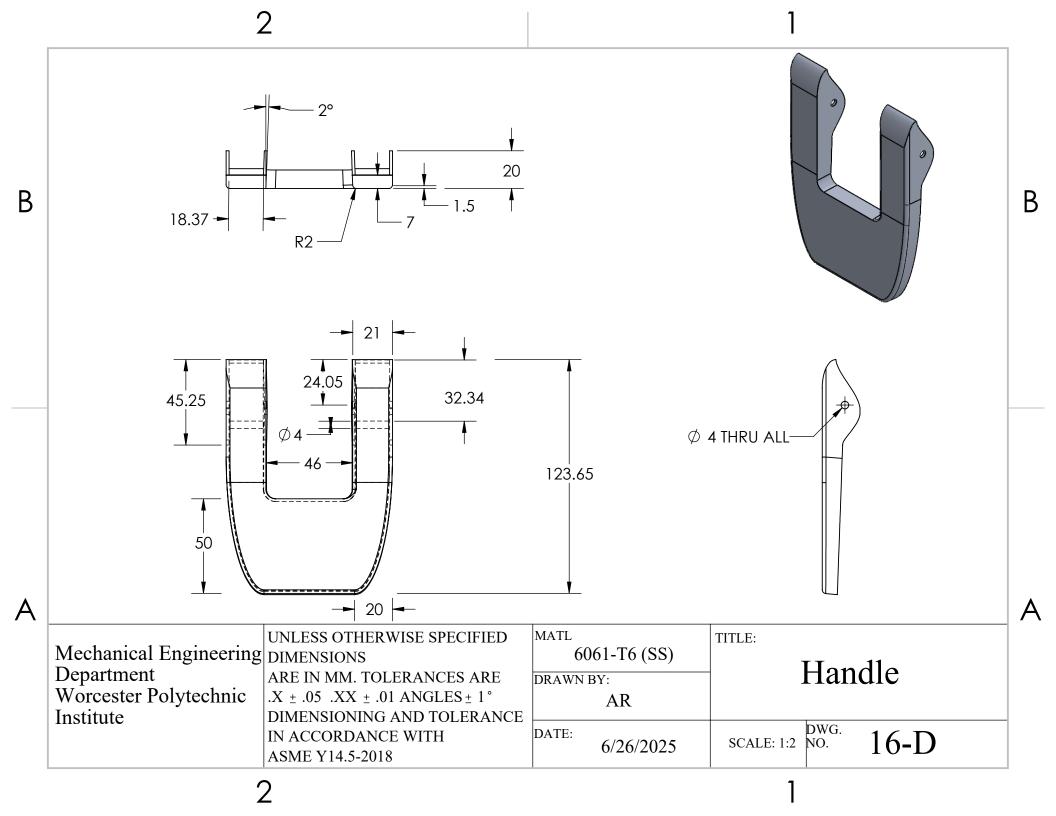
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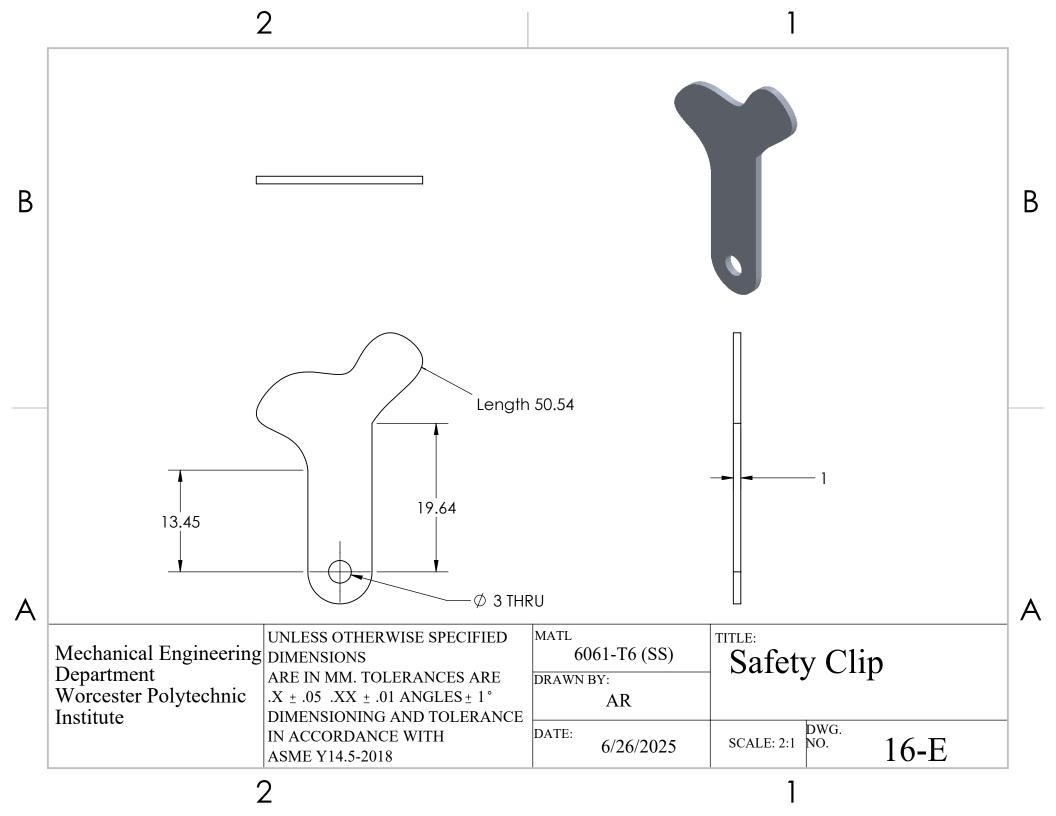


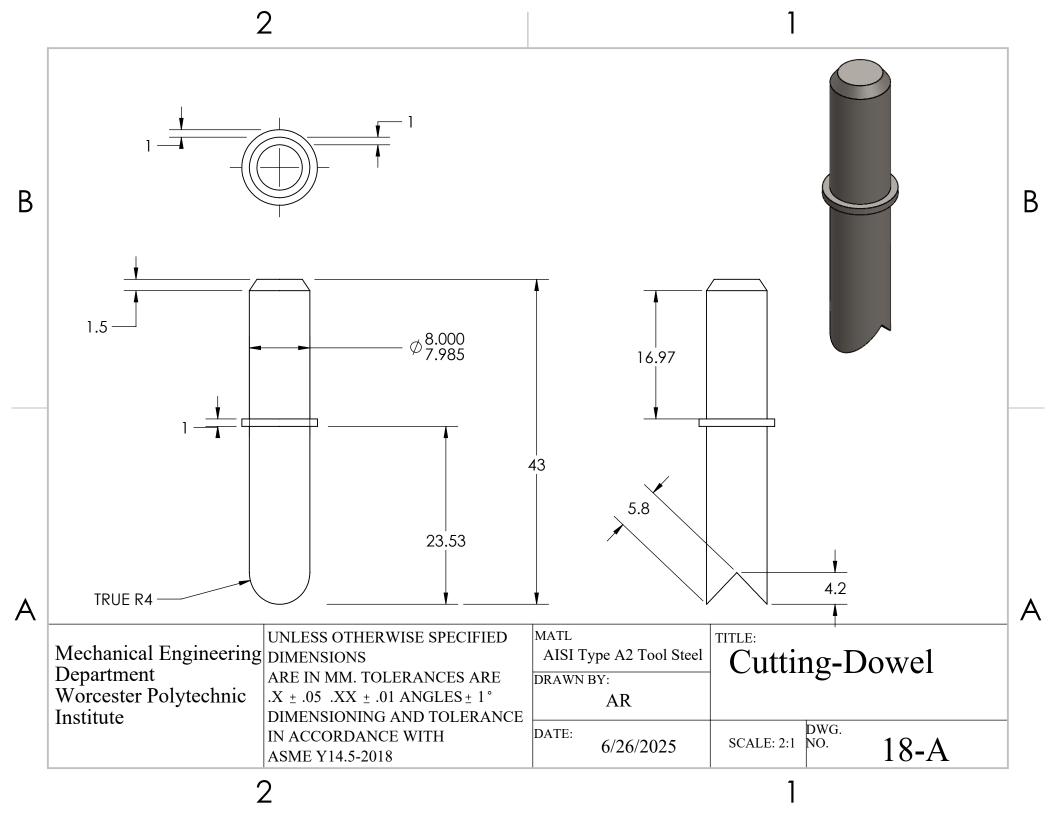












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