
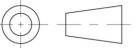
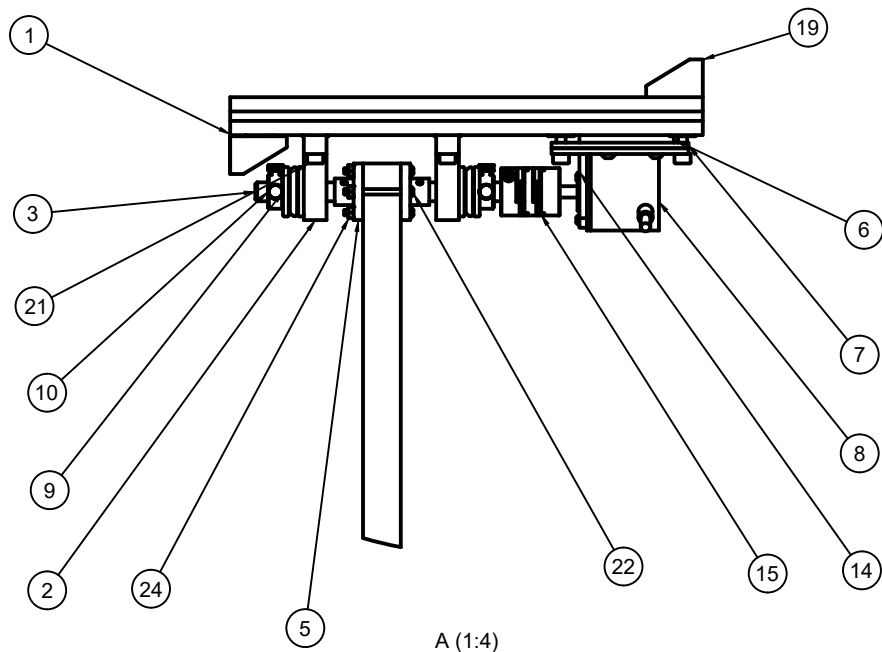
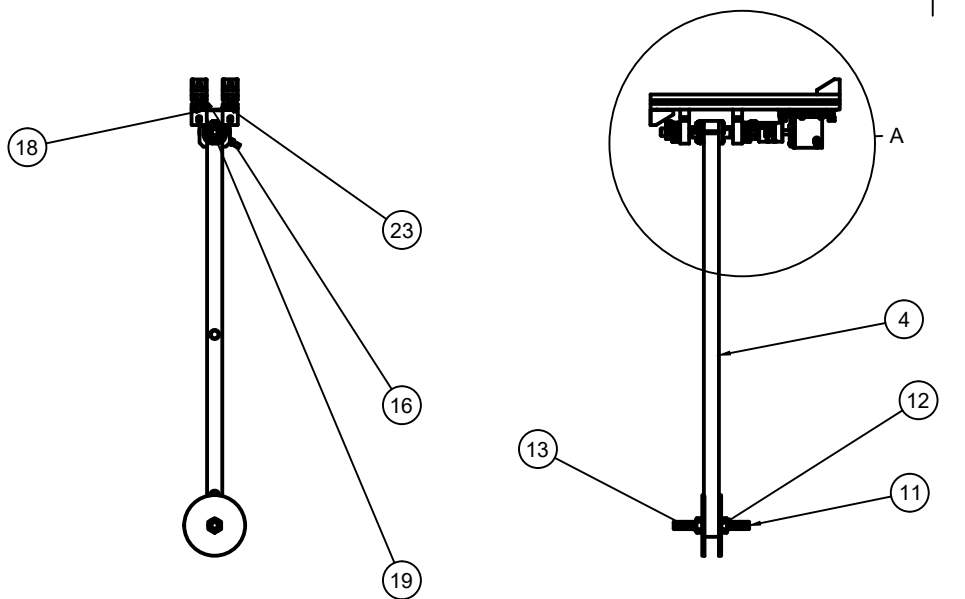



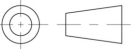
12	4	Hexagon Nut BS 4183 - M5 Steel 6 Plain	Steel 6, Plain
11	4	Forged Hexagon Socket Head Cap Screw ANSI B18.3.1M - M5x0.8 x 16 Steel Grade 2 Plain	Steel Grade 2, Plain
10	1	Forged Hexagon Socket Button Head Cap Screw ANSI B18.3.4M - M4 x 0.7 x 10 Steel Grade 2 Plain	Steel Grade 2, Plain
9	8	Forged Hexagon Socket Button Head Cap Screw ANSI B18.3.4M - M5 x 0.8 x 10 Steel Grade 2 Plain	Steel Grade 2, Plain
6	1	Linear Guide	
5	1	Pendulum Assembly	
4	1	Linear Actuator With Motor	
3	33	Bucket 20mm	
2	138	M5 T-Nut	Steel
1	1	Frame	
Item	Qty	Part Number	Material

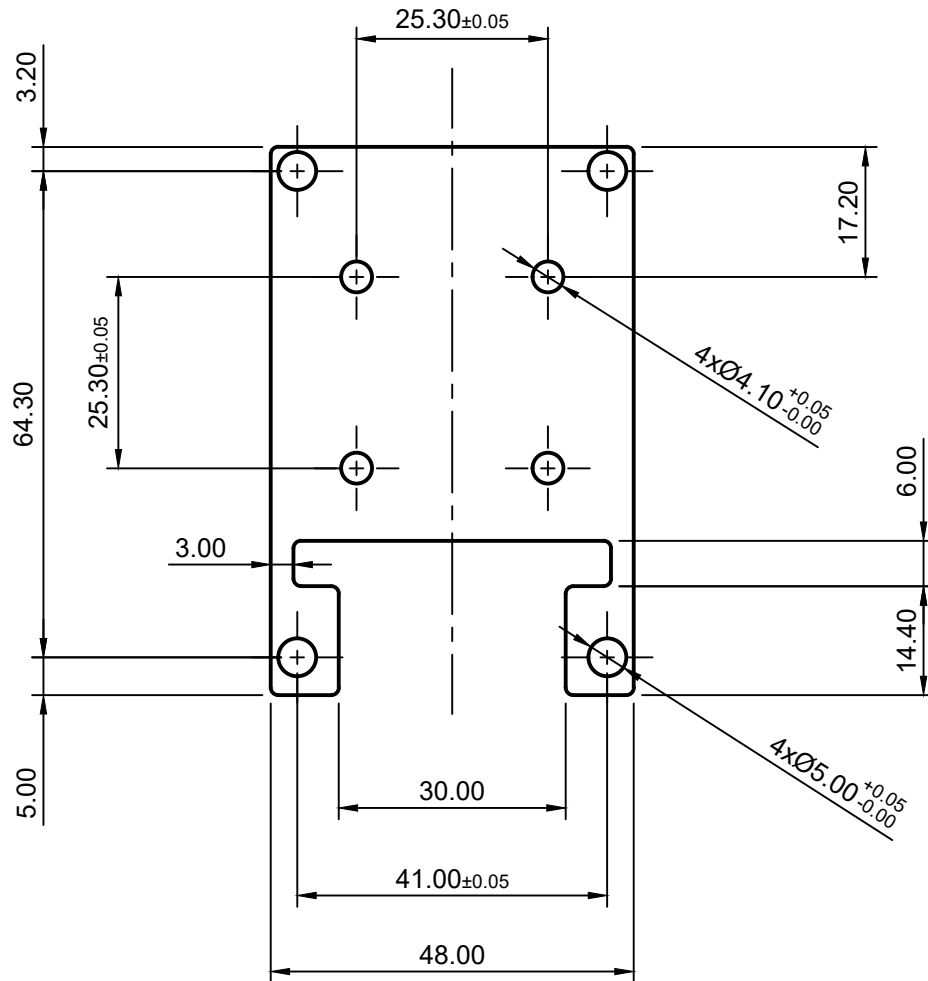
Parts List

 CHULA ENGINEERING <small>Foundation toward Innovation</small>	TITLE Assembly v7		
	Drawn Group 5	DATE 4/24/2025	SCALE 1:20
		METRIC	


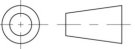


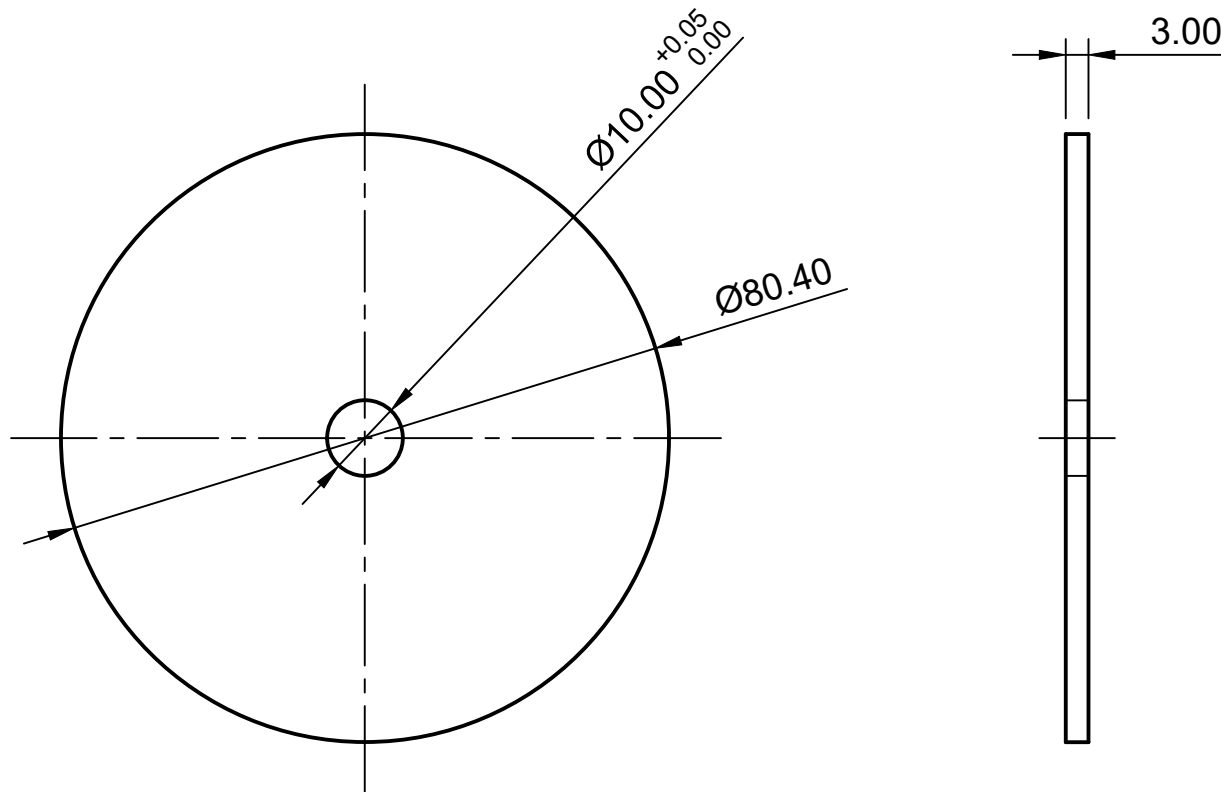
24	4	HNS1 ANSI B18.2.4.1M - M3.5 x 0.6 Steel Grade 2H Plain	Steel Grade 2H, Plain
23	4	FHSBHCS ANSI B18.3.4M - M4 x 0.7 x 16 Steel Grade 2 Plain	Steel Grade 2, Plain
22	4	FHSBHCS ANSI B18.3.4M - M3 x 0.5 x 35 Steel Grade 2 Plain	Steel Grade 2, Plain
21	8	FSHCS ANSI B18.3.1M - M5x0.8 x 16 Steel Grade 2 Plain	Steel Grade 2, Plain
20	4	FSHCS ANSI B18.3.1M - M5x0.8 x 10 Steel Grade 2 Plain	Steel Grade 2, Plain
19	4	Bucket20mm	Steel
18	4	HN BS 4183 - M4 Steel 6 Plain	Steel 6, Plain
17	4	HNTT6-5	Steel
16	8	HNTT6-5	Steel
15	1	GSACL25-6-10	Steel
14	3	BHSBHCS ANSI B18.3.4M - M3 x 0.5 x 10 Steel Grade 2 Plain	Steel Grade 2, Plain
13	2	DIN 555 - M10 Steel 6 Plain	Steel 6, Plain
12	2	Mass	Steel
11	1	STDN10-100	Steel
10	2	SCC10-8-WKB	Steel
9	2	E-B51200	Steel
8	1	E6B2_CWZ3E	Steel
7	2	EncoderMountAdapter	Steel
6	1	EncoderBracket	Steel
5	2	STHIR10	Steel
4	1	Rod	Steel
3	1	Shaft	Steel
2	2	C-BGHKAX6900ZZ-30_203	----
1	1	5537T501_T-Slotted Framing	Steel
Item	Qty	Part Number	Material

Parts List			
 CHULA ENGINEERING	TITLE PendulumAssembly v10		
	Drawn Group 5	DATE 4/24/2025	SCALE 1:10
		METRIC	




All unit in millimeter
 All tolerances are 0.10 mm unless specified
 All fillet radius is 1 mm

 CHULA ENGINEERING <small>Foundation toward Innovation</small>	TITLE EncoderMountAdapter v11		
	Drawn Group 5	DATE 4/23/2025	SCALE 1:1
		METRIC	



All unit in millimeter
 All tolerances are ± 0.10 mm unless specified

 CHULA ENGINEERING <small>Foundation toward Innovation</small>	TITLE Mass v4		
	Drawn Group 5	DATE 4/18/2025	SCALE 1:1
		METRIC	