



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CNC Milling Machine (X-axis front)		1
2	CNC Milling Machine (X-axis back)		1
3	CNC Milling Machine (X-axis side)		2
4	CNC Milling Machine (X-axis guide)		2
5	6374K412	Mounted Linear Sleeve Bearing	4
6	6624K69	Ball Screw	1
7	6624K73_Platform Ball Nut	Platform Ball Nut	1
8	CNC Milling Machine (X-axis table)		1
9	CNC Milling Machine (X-axis screw 2)		12
10	Jaw coupling		1
11	6627T103	Position-Control DC Motor	3
12	MS25LAN0300-030N001A0A10		2
13	zaxisupport		2
14	CNC Milling Machine (X-axis bottom plate)		1
15	92196A031	18-8 Stainless Steel Socket Head Screw	55
16	y-axis + spindle assembly		1
17	93181A003	Aluminum Hex Nut	8
18	93705A124	18-8 Stainless Steel Thread-Locking Socket Head Screw	8
19	ball screw stopper and ball bearing assembly		2
20	92196A297	18-8 Stainless Steel Socket Head Screw	8
21	Step Clamp Base	Step Blocks	2
22	4999A27_Step Setup Clamp	Step Setup Clamp	2
23	95412A304	18-8 Stainless Steel Threaded Rod	2
24	90519A851	Left-Hand Threaded Low-Strength Steel Hex Nut	2
25	92141A013	18-8 Stainless Steel Washer	2
26	Enclosure		1
27	B18.6.7M - M2 x 0.4 x 13 Type I Cross Recessed PHMS --13N		8



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STUDENT NO.
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DATE: 06/12/2021

MATERIAL:
Steel and Titanium

CLASS: LAB SECTION: PREPARED FOR:
MIE 243 LAB 101 CNC Milling Machine

TITLE:
Exploded CNC Mill

PART NO. REV. XXX 1

UNLESS OTHERWISE SPECIFIED, UNITS: MM, DEGREE

SCALE:1:4.5

SHEET 1 OF 1