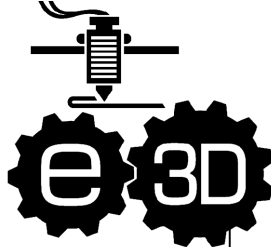
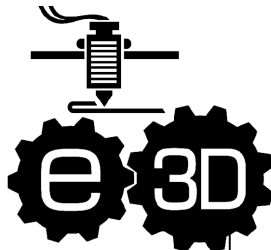


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	First	06/06/18	GLH
1.1	Added Washers	11/06/18	DCR
1.2	washer for spacers	27/7/18	DCR
1.3	Countersunk holes	30/07/18	GLH
1.4	Production Version	12/03/19	GLH

E3D-INTERNAL DOCUMENT - NOT FOR REDISTRIBUTION
This document is subject to conditions outlined in our mutual NDA and is not for redistribution. Ownership of the document and its contents remain the property of E3D-Online Ltd
Copyright E3D-Online Ltd - all rights reserved

Dept. Engineering	Technical reference Motion System	Created by RY	06/06/18	Approved by GLH	06/06/18
		Document type PUBLIC	Document status Released		
		Title Z Assembly	DWG No. MS-Z-AS		
		Rev. 1.4	Date of issue 06/06/18	Sheet 1/2	

Parts List			Parts List		
Item	Qty	Part Number	Item	Qty	Part Number
1	1	MGWR12R-412-H-M-E6	10	2	M-M4-16-SHCS-A2
2	1	NEMA 17 385mm Intergrated Leadscrew	11	2	MS-Z-STOP
3	1	MGW12H-Z1-H-M	12	4	M-M3-10-BHCS-A2
4	1	MS-Z-NUT-BRACKET	13	2	M-M5-10-LOW-SHCS-A2
5	1	Anti-Backlash Nut	14	2	M5 T-NUT
6	1	MS-Z-MOTOR-BRACKET	15	6	M-WASHER-M3-A2
7	1	MS-VERTICAL	16	2	M-M3-12-BHCS-A2
8	9	M-M4-12-SHCS-A2	17	4	M-M3-25-SHCS-A2
9	11	M4 T-NUT			

Dept. Engineering	Technical reference Motion System	Created by RY	06/06/18	Approved by GLH	06/06/18
		Document type PUBLIC	Document status Released		
		Title Z Assembly	DWG No. MS-Z-AS		
			Rev. 1.3	Date of issue 06/06/18	Sheet 2/2