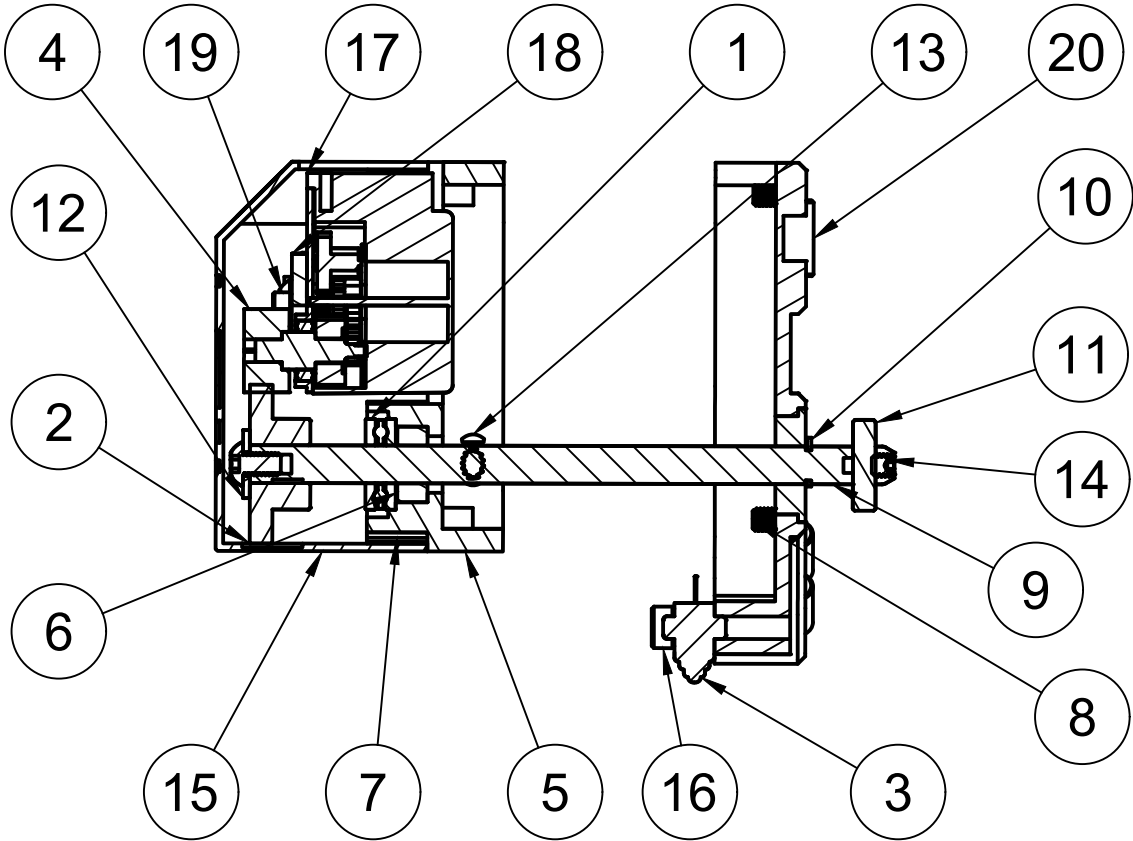


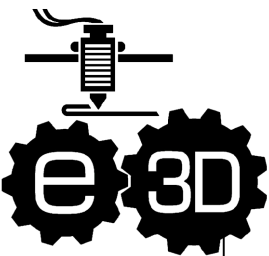
REVISION HISTORY

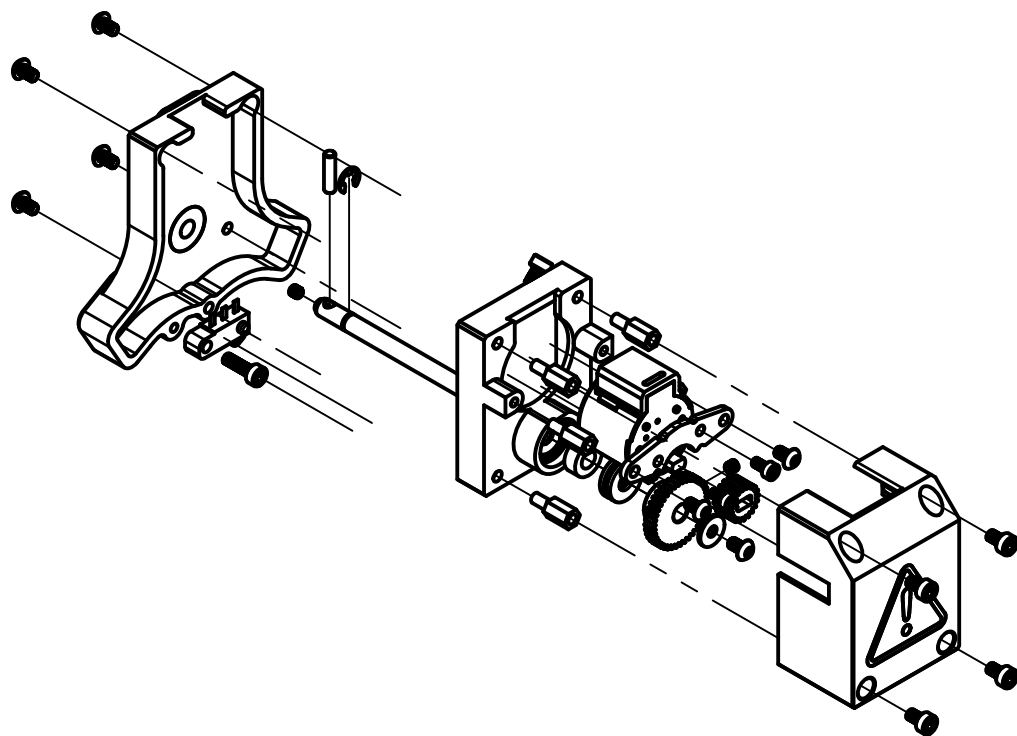
REV	DESCRIPTION	DATE	APPROVED
1.0	First Edition	07/06/19	ABL
1.1	Pins Moved Back 1mm	25/06/19	RY



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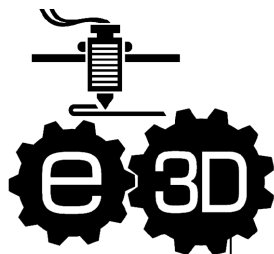
THIRD ANGLE PROJECTION  
ALL DIMENSIONS IN MM  
SCALE: 1:1  
SURFACE FINISH: UNFINISHED

Dept. Engineering	Technical reference Toolchanger	Created by GLH	07/06/19	Approved by RY	25/06/19
		Document type PUBLIC	Document status RELEASED		
		Title Tool Head Assembly	DWG No. TC-COUPLER-KIT		
		Rev. 1	Date of issue 07/06/19	Sheet 1/4	

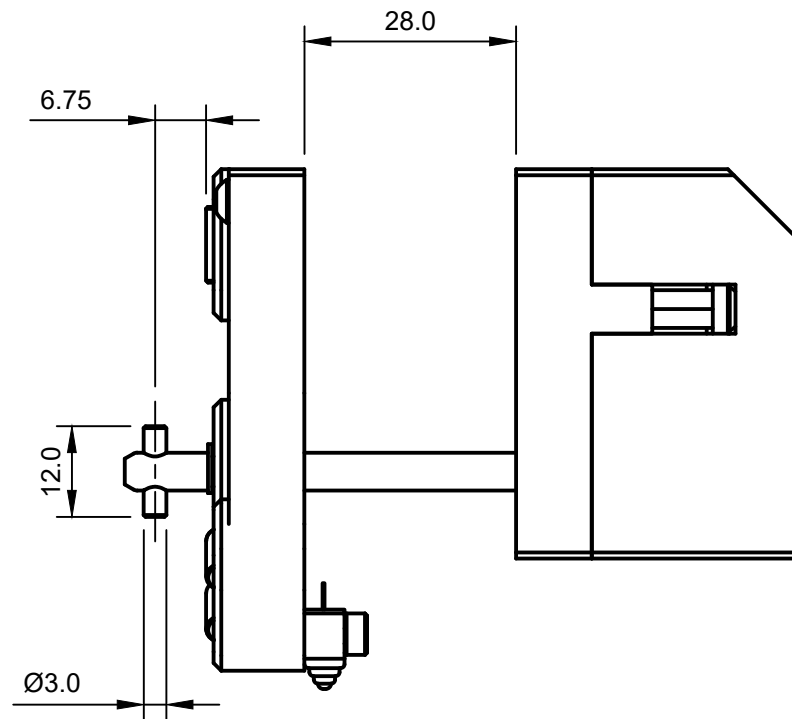


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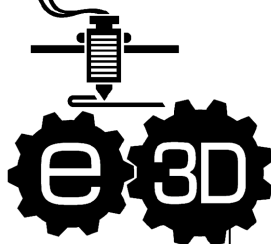
THIRD ANGLE PROJECTION  
 ALL DIMENSIONS IN MM  
 MATERIAL: -  
 SCALE: 1:2  
 SURFACE FINISH: UNFINISHED

Dept. Engineering	Technical reference Toolchanger	Created by ABL	07/06/19		Approved by RY	25/06/19	
		Document type PUBLIC	Document status RELEASED				
		Title Tool Head Assembly	DWG No. TC-COUPLER-KIT				
			Rev. 1	Date of issue 07/06/19		Sheet 2/4	

REFER TO .STP FILES FOR ADDITIONAL DIMENSIONS & GEOMETRIES.

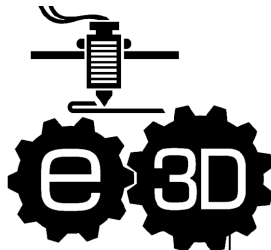


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		Document type PUBLIC	Document status RELEASED		
		Title Tool Head Assembly	DWG No. TC-COUPLER-KIT		
		Rev. 1	Date of issue 07/06/19	Sheet 3/4	

Parts List		
Item	Qty	Description
1	1	F5-12M Thrust Bearing
2	1	40T Gear MOD 0.5
3	1	Endstop Switch
4	1	20T Gear MOD 0.5
5	1	TC-BACK
6	1	MR105RS Bearing
7	1	8mm Standoff
8	7	M4 5mm Button Head Screw
9	1	Tool Coupler Shaft
10	1	E-Clip
11	1	12mm x 3mm Dowel Pin
12	1	M3 Washer
13	5	M3 4mm Socket Head Screw
14	2	M3 3mm Grub Screw
15	1	Printed Cover
16	1	M3 10mm Socket Head Screw
17	1	Stepper Motor
18	1	Motor Bracket
19	2	M2.5 5mm Socket Head Screw
20	1	TC-FACE-AS

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		Document type <b>PUBLIC</b>	Document status <b>RELEASED</b>		
		Title <b>Tool Head Assembly</b>	DWG No. <b>TC-COUPLER-KIT</b>		
		Rev. <b>1</b>	Date of issue <b>07/06/19</b>	Sheet <b>4/4</b>	