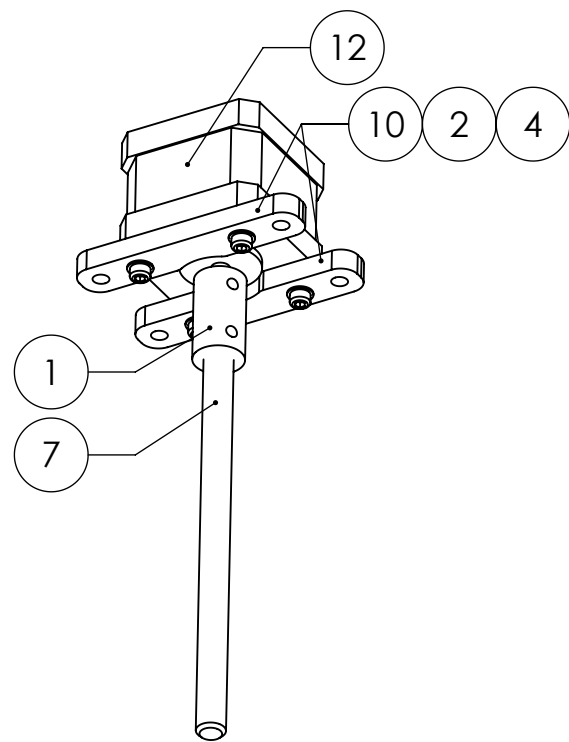
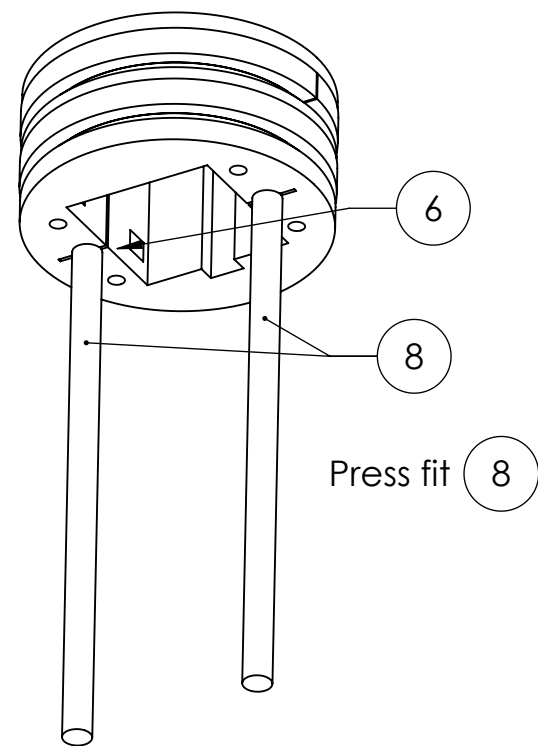


Assemble motor



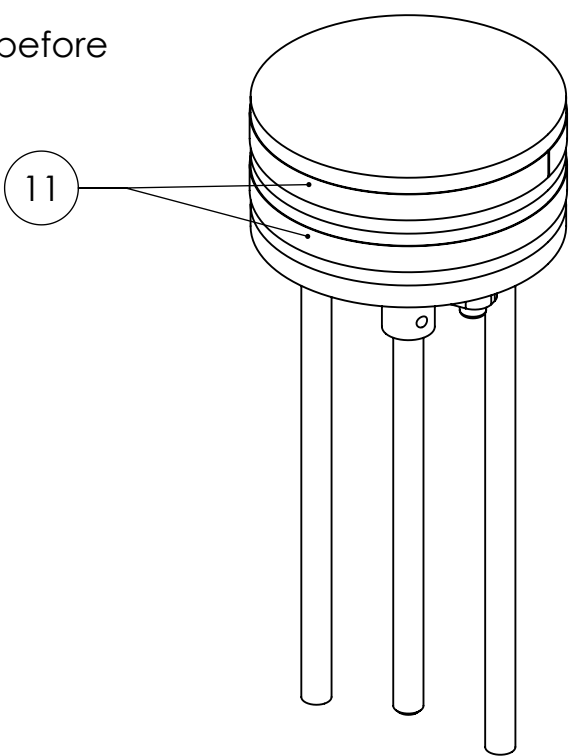
Set screws in (1) not included in BOM

Assemble piston

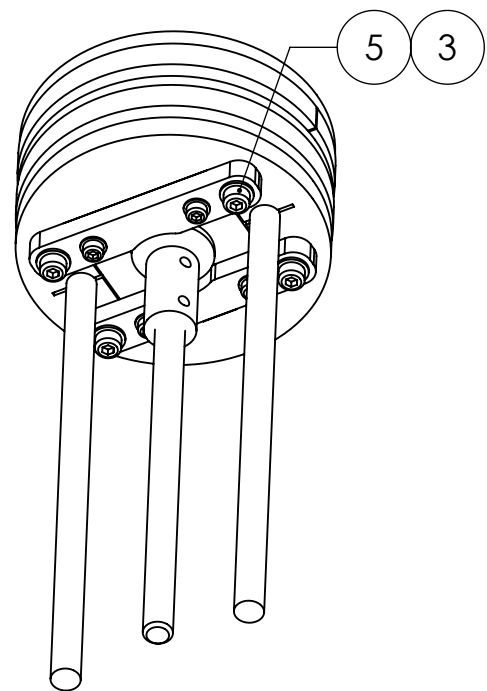


Press fit (8)

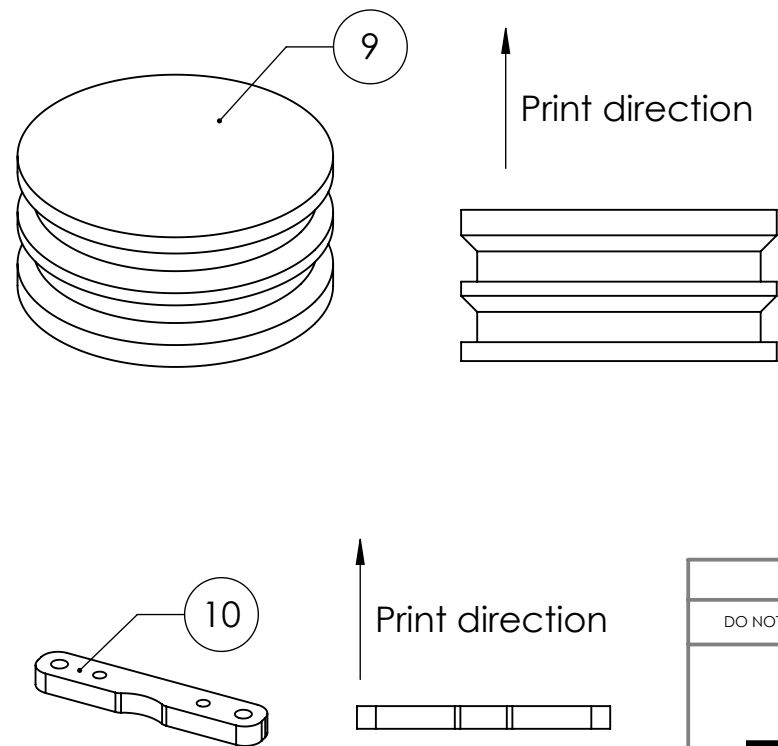
Mount (11) seal before placing piston



Full assembly



3D printed parts glossary



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	5mm to M8 coupling	Shaft coupler	1
2	DIN 0125-1A M3	Washer	4
3	DIN 0125-1A M4	Washer	4
4	DIN 0912 M3x10	Hex socket head cap screw	4
5	DIN 0912 M4x20	Hex socket head cap screw	4
6	DIN 0985 M4	Prevailing torque hex nut	4
7	OA-Y50-P02-00	Piston lead screw	1
8	OA-Y50-P03-00	Piston guide rod	2
9	OA-Y50-P07-00	Piston base	1
10	OA-Y50-P08-00	Piston motor bracket	2
11	OA-Y50-P09-00	Piston seal	2
12	Stepper NEMA 17 42BYGHW208	Stepper motor	1

SCALE:1:2	MATERIAL:	Description	Piston assembly		
DO NOT SCALE DRAWING			TITLE: OA-Y50-A02-00		
Ytec Ytec3D.com		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1°	DRAWN BY	DATE	A3
			Y. de Haas	12-10-2018	