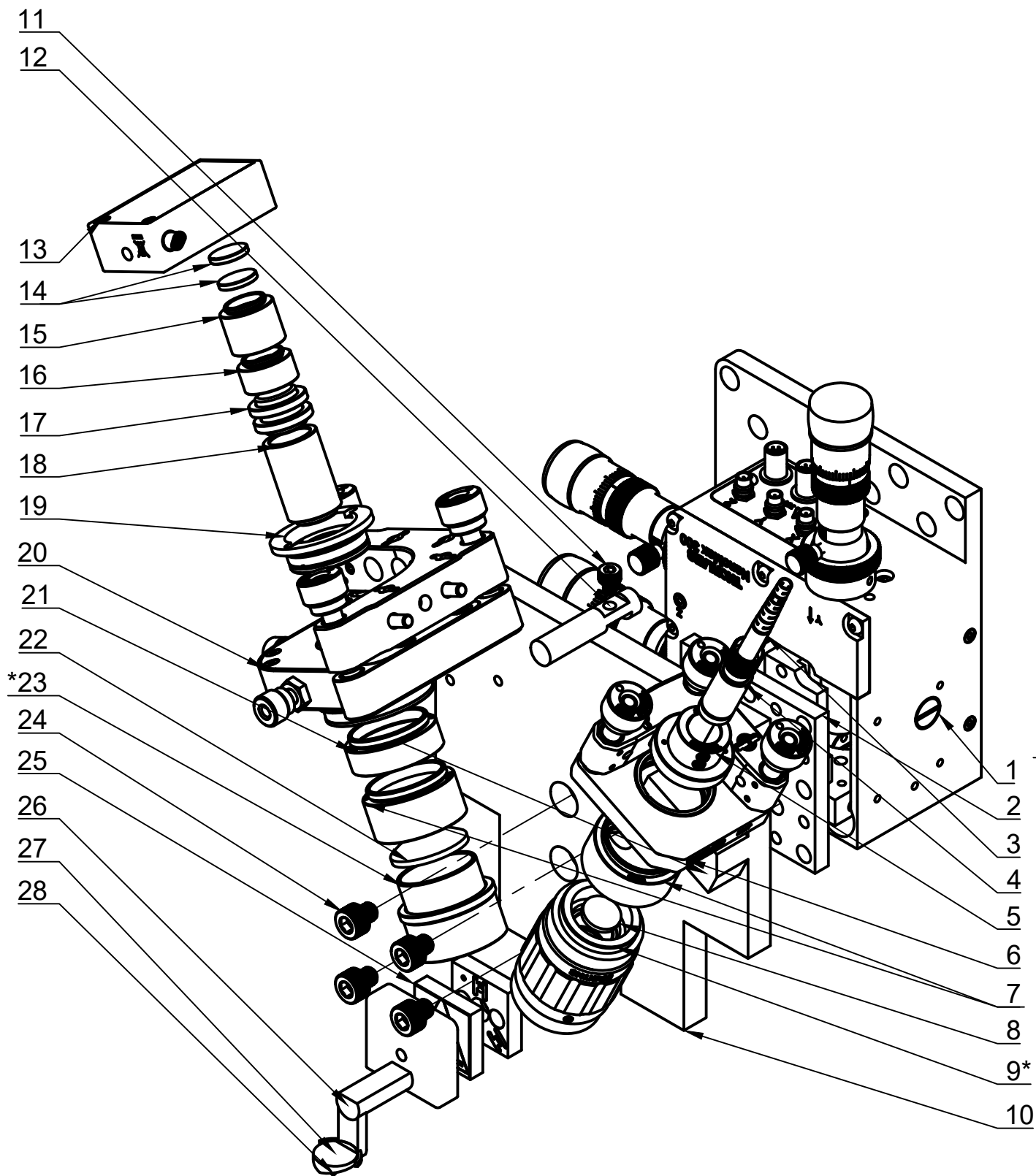


	1	2	3	4
	List of Parts in AFM Configuration			
	Number	Quantity	Component	Fusion 360 Sub-System
A	1	1	Nanomax (Stage 1)	Nanomax
	2	1	Adapter Plate (Stage 2)	Nanomax
	3	1	Patch Cable (Laser 2)	Laser
	4	1	Fiber Collimator (Laser 6)	Laser
	5	1	Threaded Laser Adapter (Laser 5)	Laser
B	6	1	Kinematic Mount (Laser 3)	Laser
	7	2	Small Tube Lens (Laser 4)	Laser
	8	1	Plano-Convex Lens (Optics 7)	Laser
	9	1	Zoom Lens Mount (Laser 7)	Laser
	10	1	Nanomax Optics Adapter (3-D 4)	Nanomax
	11	1	M2 x 6mm Cap Screw (Fast 7)	Fasteners
	12	1	Digital Microscope Frame (3-D 6)	Nanomax
C	13	1	Quadrant Detector Sensor (Detect 10)	Reciever
	14	2	Ground Glass Diffuser (Optics 9)	Reciever
	15	1	Small Tube Lens-SM5 (Detect 9)	Reciever
	16	1	Mini Tube Lens-SM5 (Detect 8)	Reciever
	17	1	Small Coupler (Detect 7)	Reciever
	18	1	Medium Tube Lens-SM5 (Detect 6)	Reciever
D	19	1	Thread Adapter (Detect 2)	Reciever
	20	1	6-Axis Mount (Detect 1)	Reciever
	21	1	Mini Tube Lens-SM1 (Detect 3)	Reciever
	22	1	Plano-Convex Lens (Optics 8)	Reciever
	23	1	Tube Adapter (Detect 5)	Reciever
	24	4	M6 x 8 Cap Screw (Fast 8)	Fasteners
	25	1	Magnetic Cantilever Holder (Stage 5)	Cantilever
E	26	1	Cantilever Holder (3-D 5)	Cantilever
	27	1	Prism (Stage 6)	Cantilever
	28	1	Cantilever Chip (Stage 7)	Cantilever

Notes:

* Dust Caps (AUX 1) can be used to cover these components when not in use to minimize particulates from accumulating on the lenses.



Dept. MAAE	Technical reference AFM	Created by Daniel Delgado 2022-08-05	Approved by	
All Listed Components Are Available in the Supplimentary Materials Excel Sheet Containing Pricing and Purchasing URL		Document type Expanded Drawing	Document status Pending	
		Title Hanging AFM Configuration	DWG No. NO. 1	
			Rev. 2	Date of issue August 9, 2022
			Sheet 1/1	