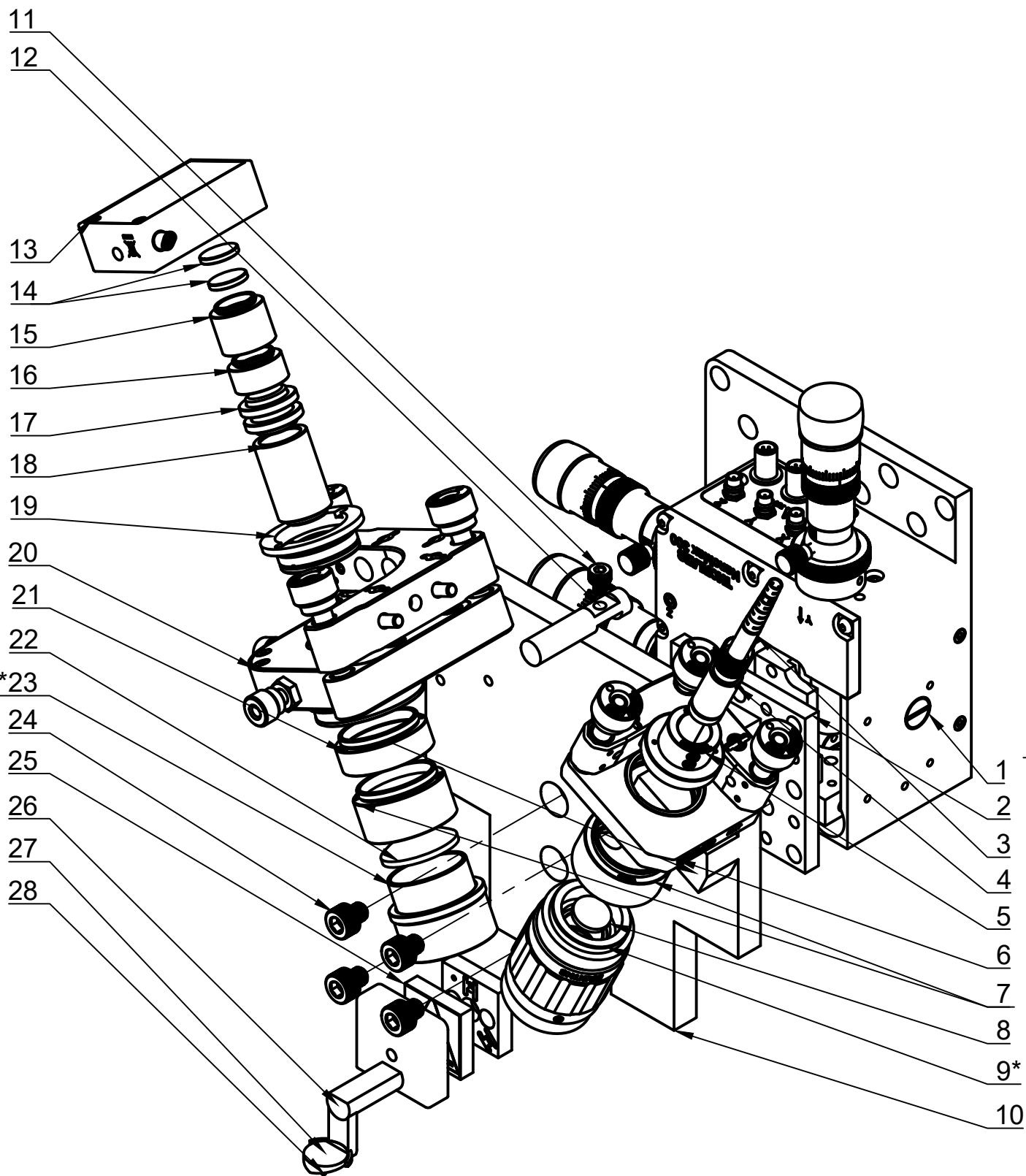


	1	2	3	4		5	6	7	8
	List of Parts in AFM Configuration								
A	Number	Quantity	Component	Fusion 360 Sub-System					
	1	1	Nanomax (Stage 1)	Nanomax					
	2	1	Adapter Plate (Stage 2)	Nanomax					
	3	1	Patch Cable (Laser 2)	Laser					
	4	1	Fiber Collimator (Laser 6)	Laser					
	5	1	Threaded Laser Adapter (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