

Adapter + coaxial illuminator

Parallel light, infinity design, with objective lens or laser focusing lens. The adapter can also be used with an APO objective or a laser focusing lens

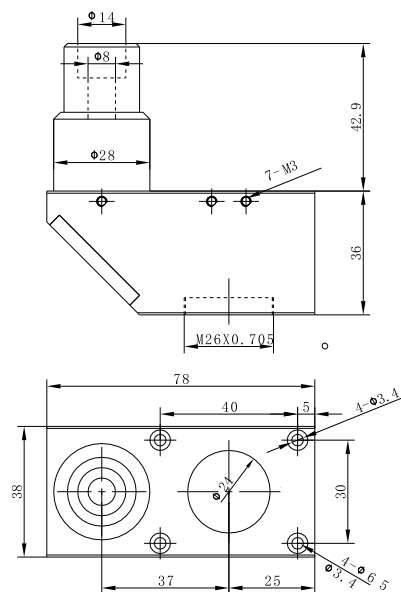
Long working distance with excellent optical design, no field curvature in the entire field of view, no monochromatic difference, suitable for various microscopes

Specially designed for near-infrared and near-ultraviolet,
for special material imaging

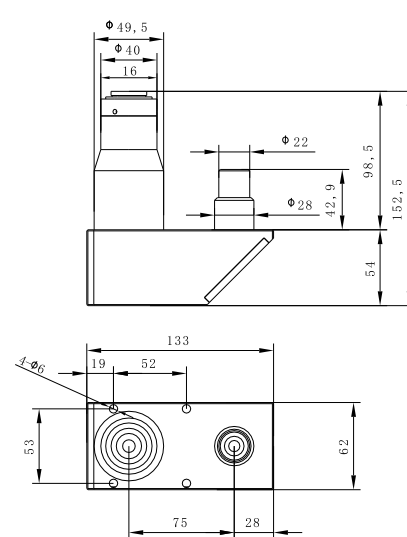
A variety of focal length tube lens 40/100/160/600, etc.



MC-1

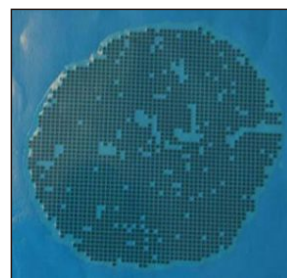


M05-UC-3

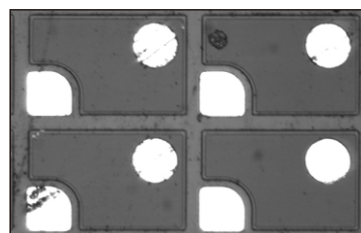


Note: This coaxial illuminator is customized.

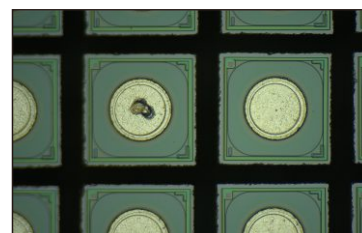
Application



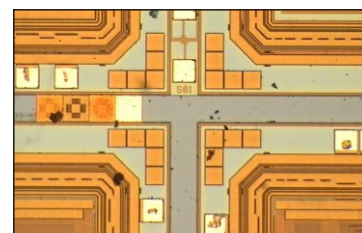
Wafer



Wafer cutting



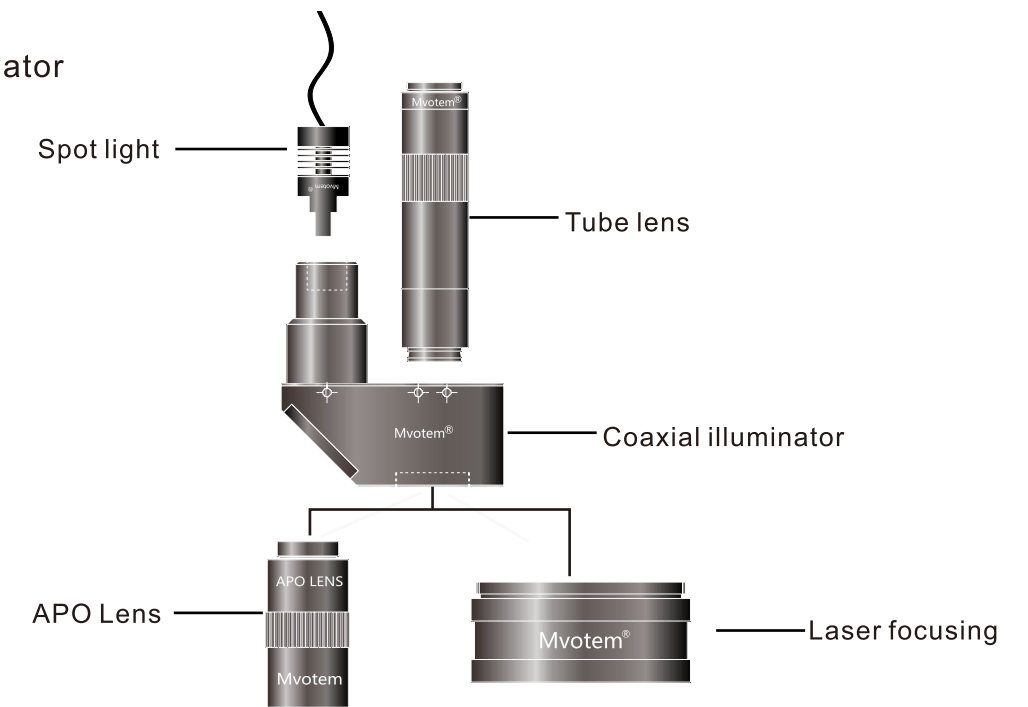
Wafer defect



Semiconductor defect

Combination and match

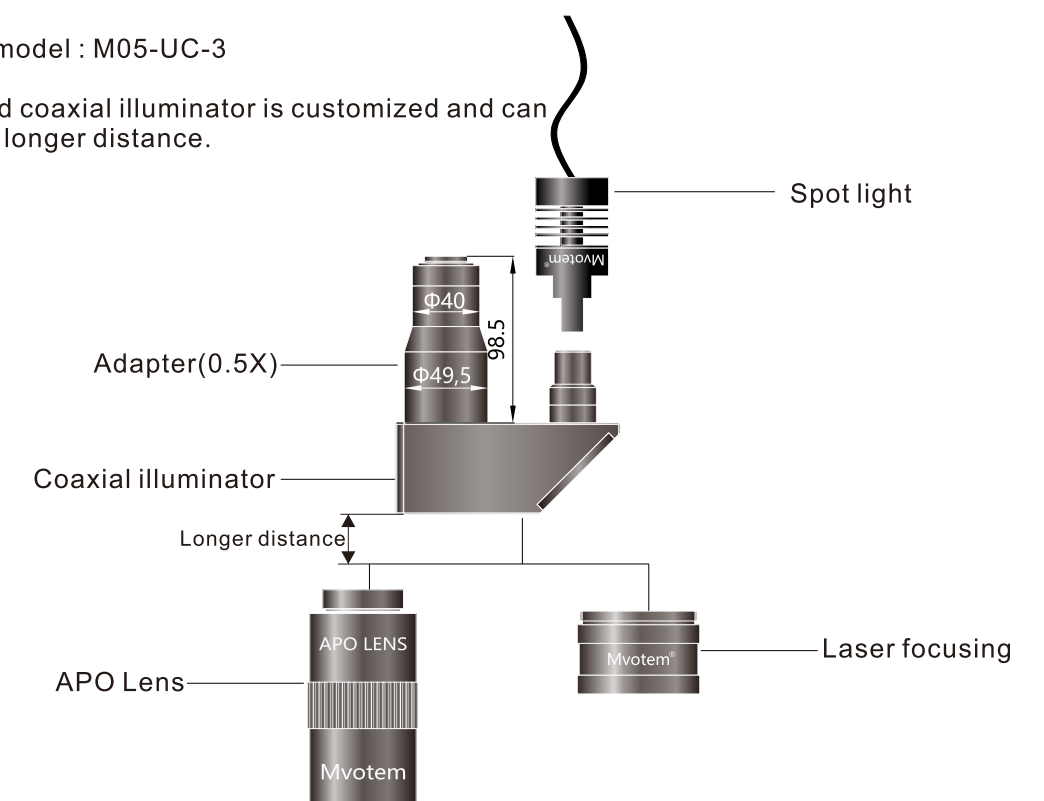
Tube lens + illuminator



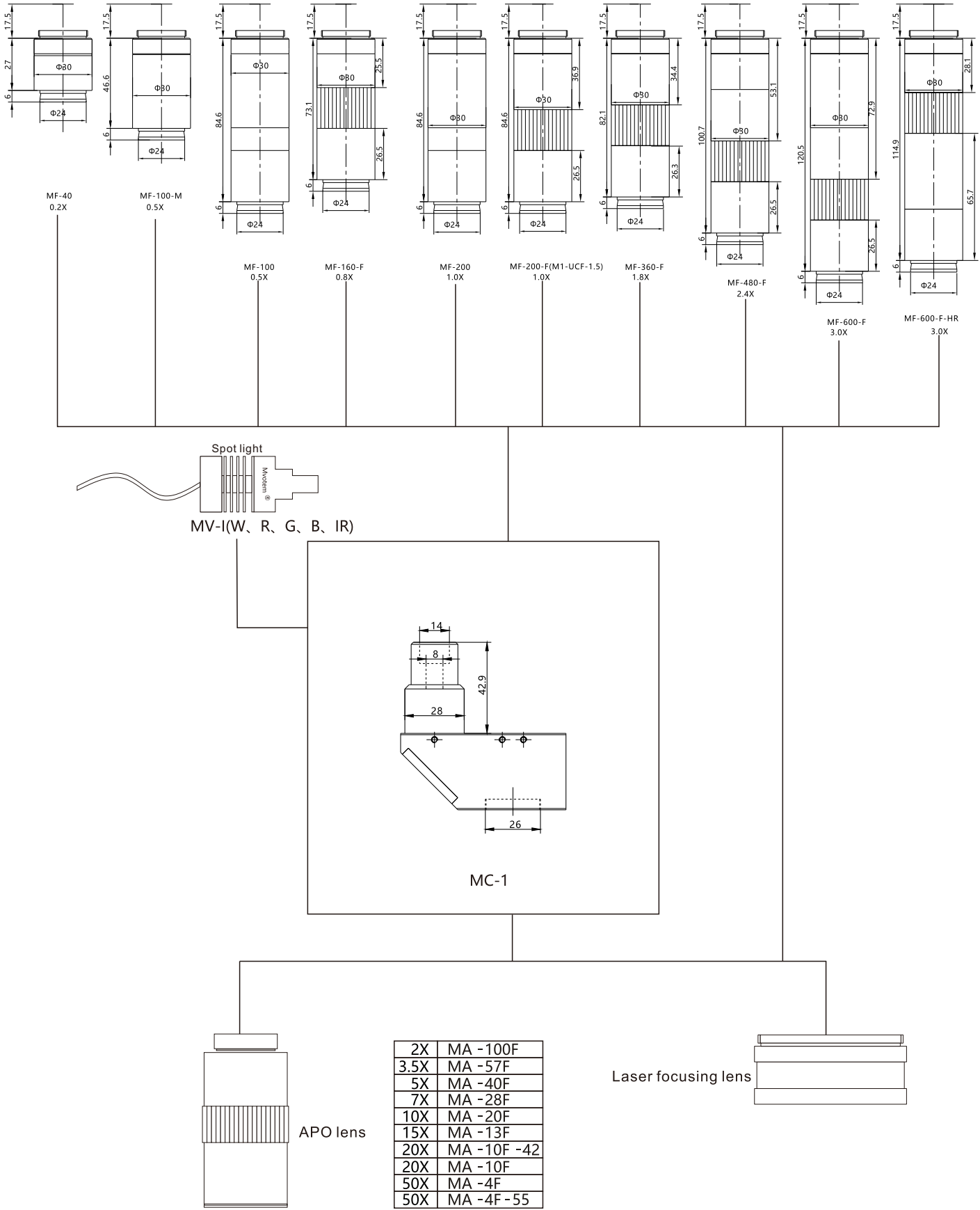
Adapter (magnification 0.5x) + illuminator group matching diagram

The combination model : M05-UC-3

Note: The modified coaxial illuminator is customized and can be connected to a longer distance.



Structure diagram



Long Working Distance Objective Lens (APO)

Long working distance, excellent optical design, no field curvature in the entire field of view, no monochromatic difference, suitable for various microscopes
Specially designed for near-infrared and near-ultraviolet, for special material imaging
Parfocal distance is 95mm, infinity optical system, lens install thread M26*0.705



Zoom Lens

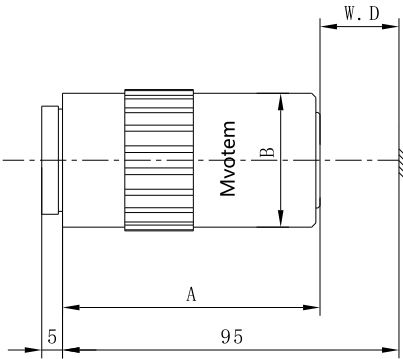
HR Telecentric Lens

Telecentric Light

Customization/ Accessories

Resource

FOV diagram



MAG	Structure		Optical parameter						
	A	B	NA	WD	Res	Fov	f	Dof	Model
2X	60.5	32.2	0.055	34.5	5	12	100	91	MA-100F
3.5X	54	32.2	0.1	41	2.7	6.8	57.1	27.5	MA-57F
5X	50	32.2	0.13	45	2	4.8	40	14	MA-40F
5X	50.8	32.2	0.15	44	2.3	4.8	40	15	MA-40F-15
7X	59.6	32.2	0.22	35.4	1.25	3.6	28.6	5.7	MA-28F
10X	61	32.2	0.3	34	1	2.4	20	3.5	MA-20F
15X	72.5	32.2	0.35	22.5	0.786	1.6	13.33	2.24	MA-13F
20X	64	32.2	0.28	31	1	1.2	10	3.5	MA-10F
20X	66.2	32.2	0.35	29	1	1.2	10	3.5	MA-10F-35
20X	74.8	32.2	0.42	20	0.7	1.2	10	1.6	MA-10F-42
50X	74.5	32.2	0.42	20.5	0.7	0.48	4	1.6	MA-4F
50X	81.8	32.2	0.55	13	0.5	0.48	4	0.9	MA-4F-55
50X	79	32.2	0.5	17	0.6	0.48	4	1.1	MA-4F-5
100X	89	32.2	0.55	13	0.5	0.24	2	0.9	MA-2F

Note: Free to match more than 80 combinations to choose from