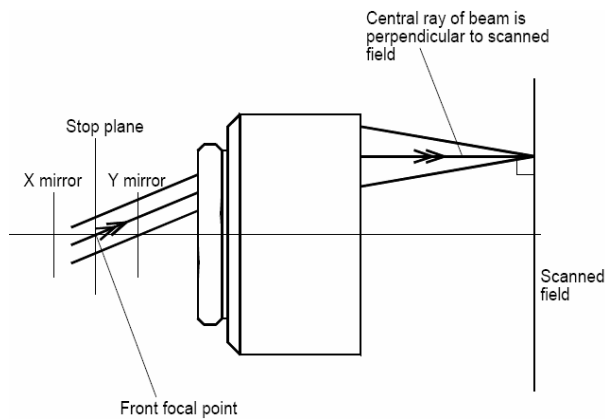


Telecentric Scanning Lens

Telecentric scanning lenses, similar to Ftheta Lens only difference is that Telecentric maintain normal incidence angle of the beam to the work piece. This ensures that position errors and image distortions are minimized over the entire scan range. Telecentric scanning lenses offer greater depth of field and smaller spot sizes when marking objects for laser material processing.

Having a greater depth of field and smaller spot size are important for precision laser micro-machining processes where there is a need to produce fine spot sizes so as to control the width of a laser mark, scribe or drilled hole while maintaining precise placement over a relatively large field. The ability to accomplish this is sometimes affected by just minimal warping of a wafer or solar panel.



Model No.	Wavelength (nm)	Scan Area (mmxmm)	Input Beam (mm)	Focal Length (mm)	Working Distance (mm)
TSL-10.6-50-100	10600	50 x 50	25	100	106
TSL-1064-20- 56	1064	20 x 20	10	56	60
TSL-1064-70-115	1064	70 x 70	12	115	137
TSL-1064-126-216	1064	126 x 126	15	216	343
TSL-633- 77-156	633	77 x 77	10	156	221
TSL-532-60-100	532	60 x 60	12	100	128
TSL-532-140-200	532	140 x 140	10	200	216
TSL-355-60-100	355	60 x 60	6	100	143
TSL-266-50-100	266	50 x 50	5	100	135

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