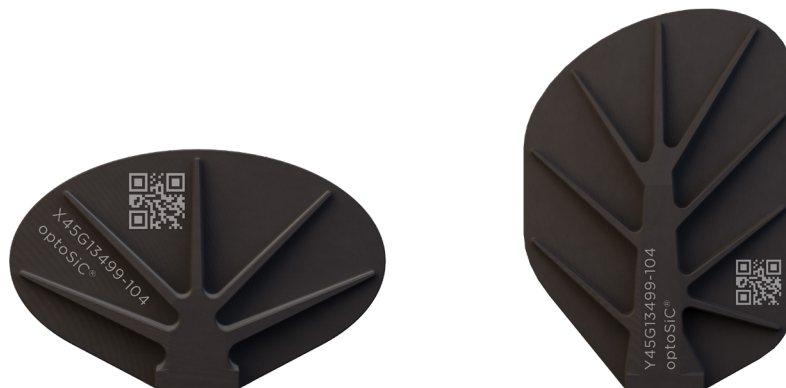


optoSiC® XY45G

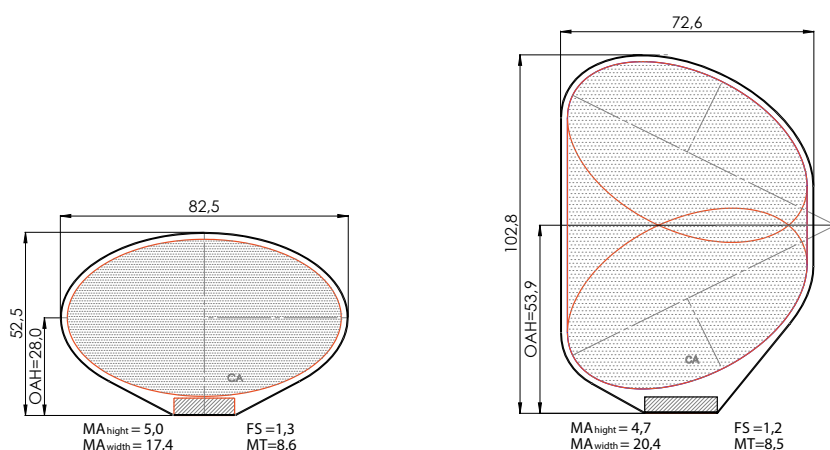
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X45G	Y45G
Mass (g)	24,9	50,16
Moment of Inertia [MOI] (g*cm ²)	70,1	111,9
Angle of Incidence [AOI] (°)	45,0	37,5
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	-	-
Dynamic Flatness (pm/(rad/s ²))	-	-
Reflected Wavefront Error [RWE]	¼ λ and 1 λ PV @ 632,8nm interferometric within CA	
Typical Coatings Wavelengths* (nm)	532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 10mm	

*Custom coatings and mounts available on request.



Technical details on request.

- Low moment of inertia
- High resonance frequency
- Customized coating service
- Mounting solutions

optoSiC®
MERSEN

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