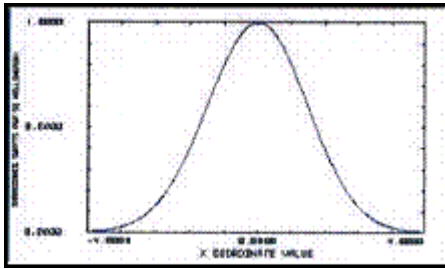
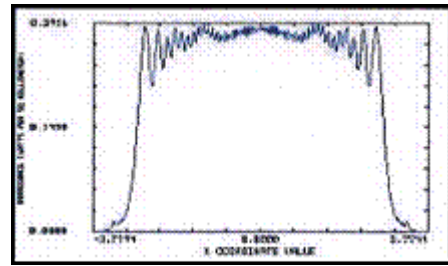


Beam Shaper

The beam shaper is functioned to change the Gaussian profile of a light source (commonly laser) to become a Top-Hat profile. It is commonly used for drilling and marking applications.



Original Gaussian Profile



Top Hat profile after Beam Shaper

The beam shaper is based on transmissive design for 266nm, 355nm, 532nm, 1064nm, 10.6um.

The output beam is collimated. Thus it can be used with normal lenses after the beam shaper. We are open for other wavelength requirement, depends on your specific applications.

Part no.	Wavelength (nm)	Input Beam Size (mm)	Output Beam Size (mm)	Max. outer Dia (mm)	Total Length (mm)	Working Distance (mm)
BS-XXX	1064/532/355/266	4.6-5.0	6.0	27.0	170.7	25-200
BS-XXX-6-W600	1064/532/355	5.8-6.0	5.0-5.5	30.0	175.5	100-600
BS-10.6	10600	3.0-4.0	3.0-4.0	28.0	109.0	25-100
BS-10.6-6-W600	10600	6.0-7.0	6.0-7.0	38.0	270.0	25-600

