π*Shaper 5.6_6_1064_HP*

High efficient Homogenizer
Converting Gaussian to Flattop profile
High Power Fiber Lasers, other NIR Lasers

With these unique tools it is possible to convert Gaussian laser beam into collimated Flattop beam with nearly 100% efficiency.

π***Shaper*** produces collimated Flattop beam (like Greek letter π) over a large working distance.
This enables to manipulate and re-size the beam with conventional imaging optics.

Almost the same effective sizes of input and output beams (diameter approx. 6 mm) let it easy to integrate π***Shaper*** in your application.

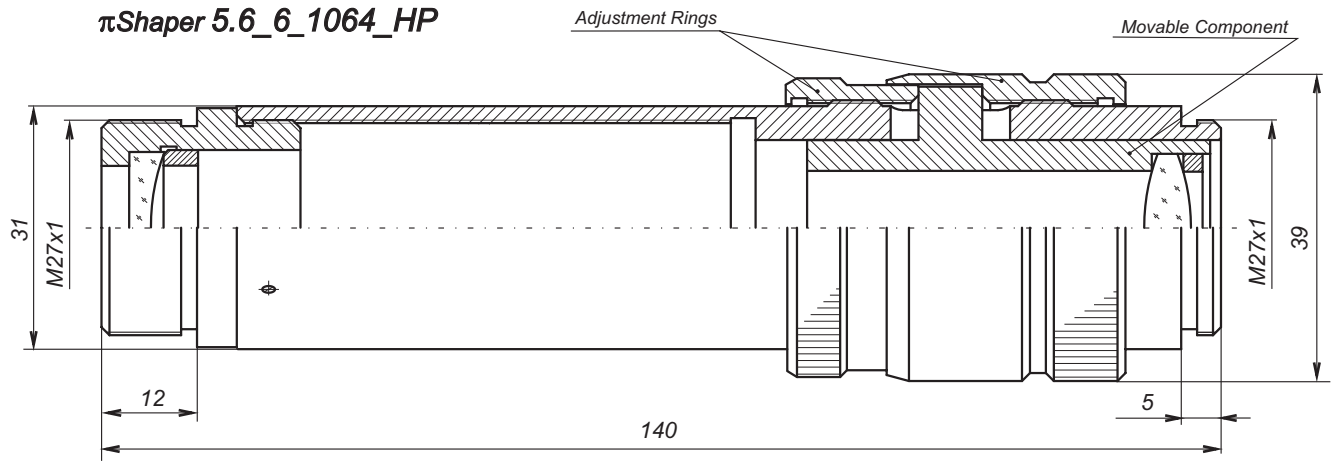
The π***Shaper*** can work with various lasers of wide spectrum.

Beam Shaping never was so easy!

No more losing of energy!

Technical Specifications

Input beam	Gaussian, diameter 5.6 mm ($1/e^2$)
Output beam	- Collimated - Flat-top, uniformity within 5% - Diameter 6 mm
Type	Telescope of Galilean type (without internal focus)
Wavelength range*	500 - 1600 nm
Other features	- Compact design suitable for scientific and industrial applications - Other wavelengths optional (355 nm, etc.) - Long working distance
Overall dimensions	- Diameter 39 mm - Length 140 mm
Weight	< 250 g
Optimum wavelength range**	1020-1100 nm
Laser Power	up to 200 W (CW)
Mounting	M 27x1
Applications based on	Powerful Nd:YAG, Fiber, near IR-lasers
* - working wavelength range without taking into consideration the coatings ** - according to coatings applied	



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