

ASM25-10-D-Y-355

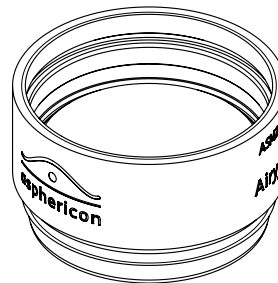
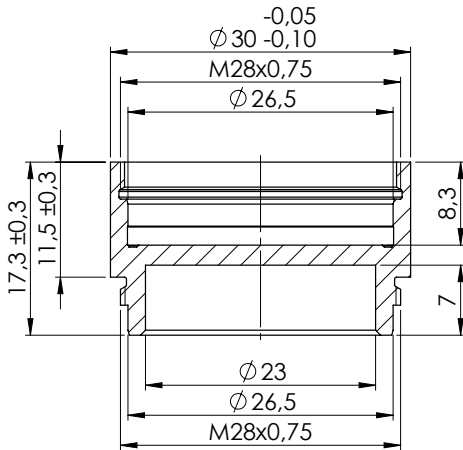
Another beam shaper optimized for wavelengths from 300 nm up to 1600 nm is the a|AiryShape. This beam shaping element enables, in combination with a focusing lens, the transformation of collimated Gaussian beams into different focused beam profiles (e.g. Top-Hat, Donut). Thanks to its compact design, the a|AiryShape can be easily integrated into existing set-ups.

Key Benefits:

- = Design wavelength: 355 nm, usable wavelength range: 320 - 450 nm
- = Also available design wavelengths [532 nm / 632 nm / 780 nm / 1064 nm]
- = Generation of different beam profiles (e.g. Top-Hat, Donut, Beam Waist)
- = Profile size easily scalable by focal length
- = Easy integration into existing set-ups
- = Perfect alignment by high-precision mounting
- = Compact design
- = Input beam diameter @ $1/e^2 = 10$ mm; output beam diameter $d_{\text{Airy}} = 10$ mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
For higher laser power applications please request a V-Coating.
Contact us for an individual offer.



Technical Dimensions:



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ASM25-10-D-A-532

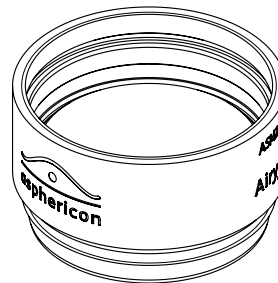
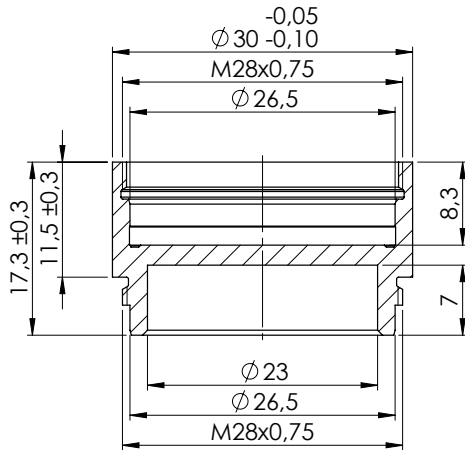
Another beam shaper optimized for wavelengths from 300 nm up to 1600 nm is the a|AiryShape. This beam shaping element enables, in combination with a focusing lens, the transformation of collimated Gaussian beams into different focused beam profiles (e.g. Top-Hat, Donut). Thanks to its compact design, the a|AiryShape can be easily integrated into existing set-ups.

Key Benefits:

- = Design wavelength: 532 nm, usable wavelength range: 500 - 620 nm
- = Also available design wavelengths [355 nm / 632 nm / 780 nm / 1064 nm]
- = Generation of different beam profiles (e.g. Top-Hat, Donut, Beam Waist)
- = Profile size easily scalable by focal length
- = Easy integration into existing set-ups
- = Perfect alignment by high-precision mounting
- = Compact design
- = Input beam diameter @ $1/e^2$ = 10 mm; output beam diameter d_{Airy} = 10 mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
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ASM25-10-D-B-632

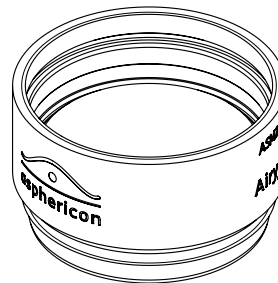
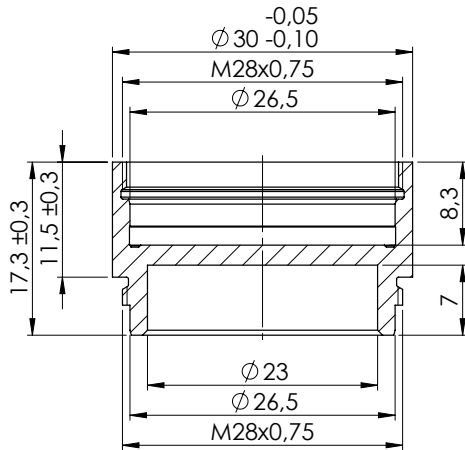
Another beam shaper optimized for wavelengths from 300 nm up to 1600 nm is the a|AiryShape. This beam shaping element enables, in combination with a focusing lens, the transformation of collimated Gaussian beams into different focused beam profiles (e.g. Top-Hat, Donut). Thanks to its compact design, the a|AiryShape can be easily integrated into existing set-ups.

Key Benefits:

- = Design wavelength: 632 nm, usable wavelength range: 600 - 760 nm
- = Also available design wavelengths [355 nm / 532 nm / 780 nm / 1064 nm]
- = Generation of different beam profiles (e.g. Top-Hat, Donut, Beam Waist)
- = Profile size easily scalable by focal length
- = Easy integration into existing set-ups
- = Perfect alignment by high-precision mounting
- = Compact design
- = Input beam diameter @ $1/e^2 = 10$ mm; output beam diameter $d_{Airy} = 10$ mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
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ASM25-10-D-B-780

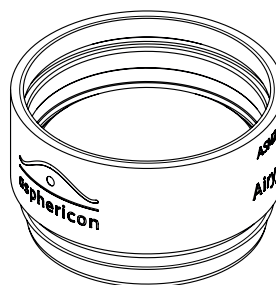
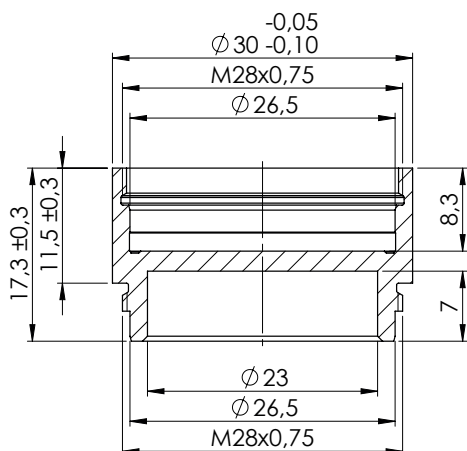
Another beam shaper optimized for wavelengths from 300 nm up to 1600 nm is the a|AiryShape. This beam shaping element enables, in combination with a focusing lens, the transformation of collimated Gaussian beams into different focused beam profiles (e.g. Top-Hat, Donut). Thanks to its compact design, the a|AiryShape can be easily integrated into existing set-ups.

Key Benefits:

- = Design wavelength: 780 nm, usable wavelength range: 700 - 1050 nm
- = Also available design wavelengths [355 nm / 532 nm / 632 nm / 1064 nm]
- = Generation of different beam profiles (e.g. Top-Hat, Donut, Beam Waist)
- = Profile size easily scalable by focal length
- = Easy integration into existing set-ups
- = Perfect alignment by high-precision mounting
- = Compact design
- = Input beam diameter @ $1/e^2$ = 10 mm; output beam diameter d_{Airy} = 10 mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
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ASM25-10-D-C-1064

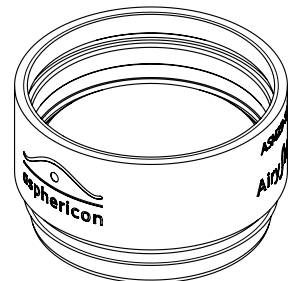
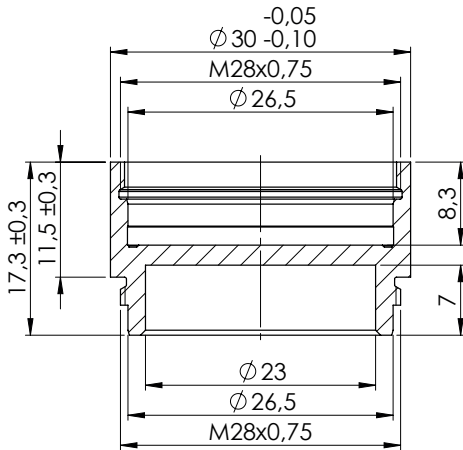
Another beam shaper optimized for wavelengths from 300 nm up to 1600 nm is the a|AiryShape. This beam shaping element enables, in combination with a focusing lens, the transformation of collimated Gaussian beams into different focused beam profiles (e.g. Top-Hat, Donut). Thanks to its compact design, the a|AiryShape can be easily integrated into existing set-ups.

Key Benefits:

- = Design wavelength: 1064 nm, usable wavelength range: 1000 - 1600 nm
- = Also available design wavelengths [355 nm / 532 nm / 632 nm / 780 nm]
- = Generation of different beam profiles (e.g. Top-Hat, Donut, Beam Waist)
- = Profile size easily scalable by focal length
- = Easy integration into existing set-ups
- = Perfect alignment by high-precision mounting
- = Compact design
- = Input beam diameter @ $1/e^2$ = 10 mm; output beam diameter d_{Airy} = 10 mm
- = Laser induced damage threshold: 12 J/cm², 100 Hz, 6 ns, 532 nm
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