

The a|TopShape LongDistanceExtended is an innovative beam shaper that converts collimated Gaussian beams into collimated Top-Hat beams while guaranteeing stable beam profiles up to a working distance of at least 1.5 m. The beam profile can be shifted to large working distances of up to 3 m by adjusting the input beam diameter. Since the effective working distance decreases as the beam size is reduced, a|TopShape LDX is particularly suitable for applications requiring smaller beam diameters.

Technical drawing of a vertical shaft assembly. The shaft has a total length of $92,8 \pm 0,2$. The top flange has an outer diameter of $\varnothing 30_{-0,05}^{-0,10}$, a bore of $M28 \times 0,75$, and a thickness of $6,5$. The shaft body has a diameter of $\varnothing 26,5$. The bottom flange has a thickness of $6,2$ and a bore of $M28 \times 0,75$. The total height of the assembly is $92,8 \pm 0,2$. The bottom flange has a height of $7,2$ from the base of the shaft.

