

# LINOS Beam Expander

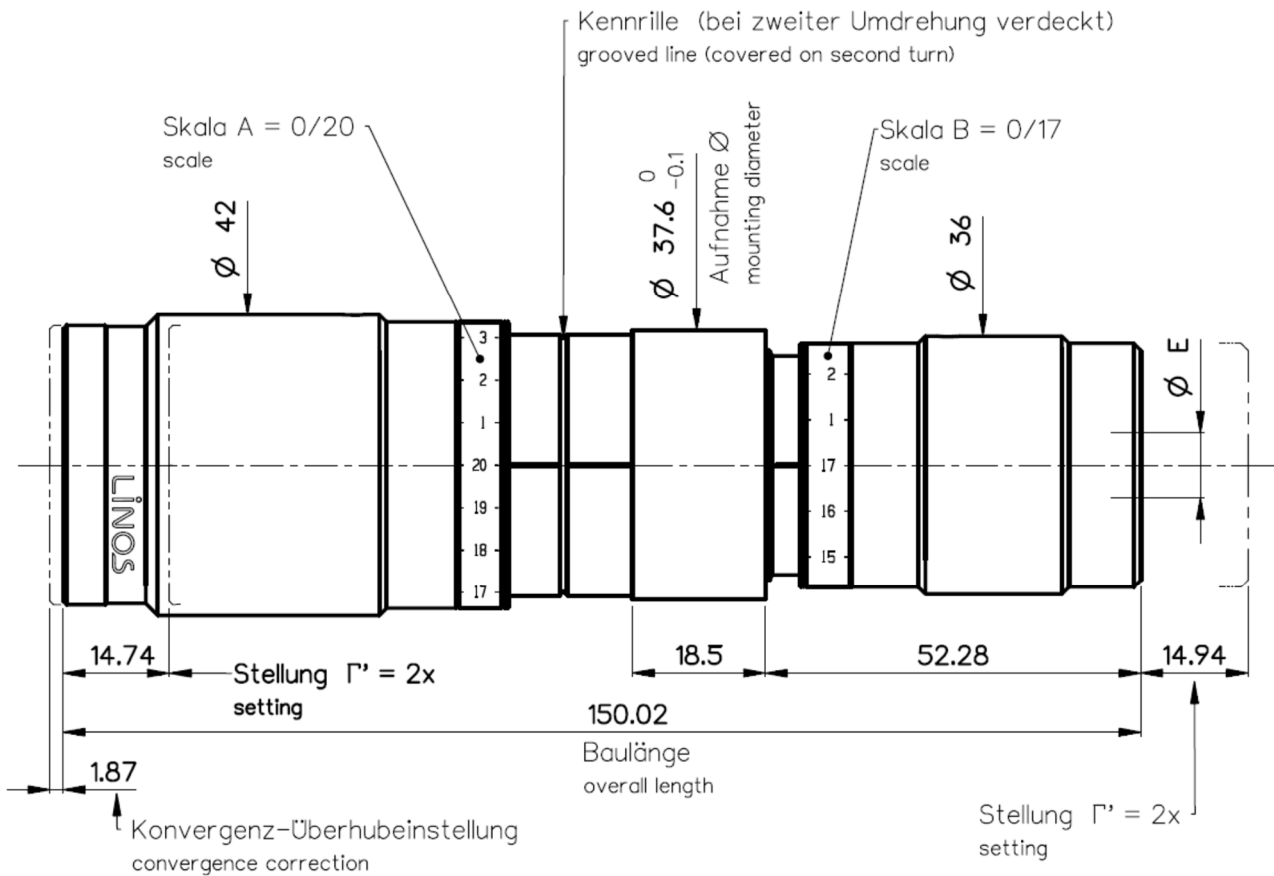
## 2 - 8x, 532nm, entrance lens made of fused silica

Part number	4401-446-000-20		
Design wavelength	$\lambda$	(nm)	532
Broadband anti-reflective coating on the lenses	$\lambda$	(nm)	515 - 540
Expansion	$\Gamma'$		2x - 8x
Lens material			Entrance lens made of fused silica, other lenses optical glass
Material			Aluminium, black anodized
Max. entrance beam diameter (1/e <sup>2</sup> truncated)	$E_{max} \varnothing$	(mm)	4
LIDT coating @ 532nm, 6ns, 100Hz		(J/cm <sup>2</sup> )	20

Subject to technical change

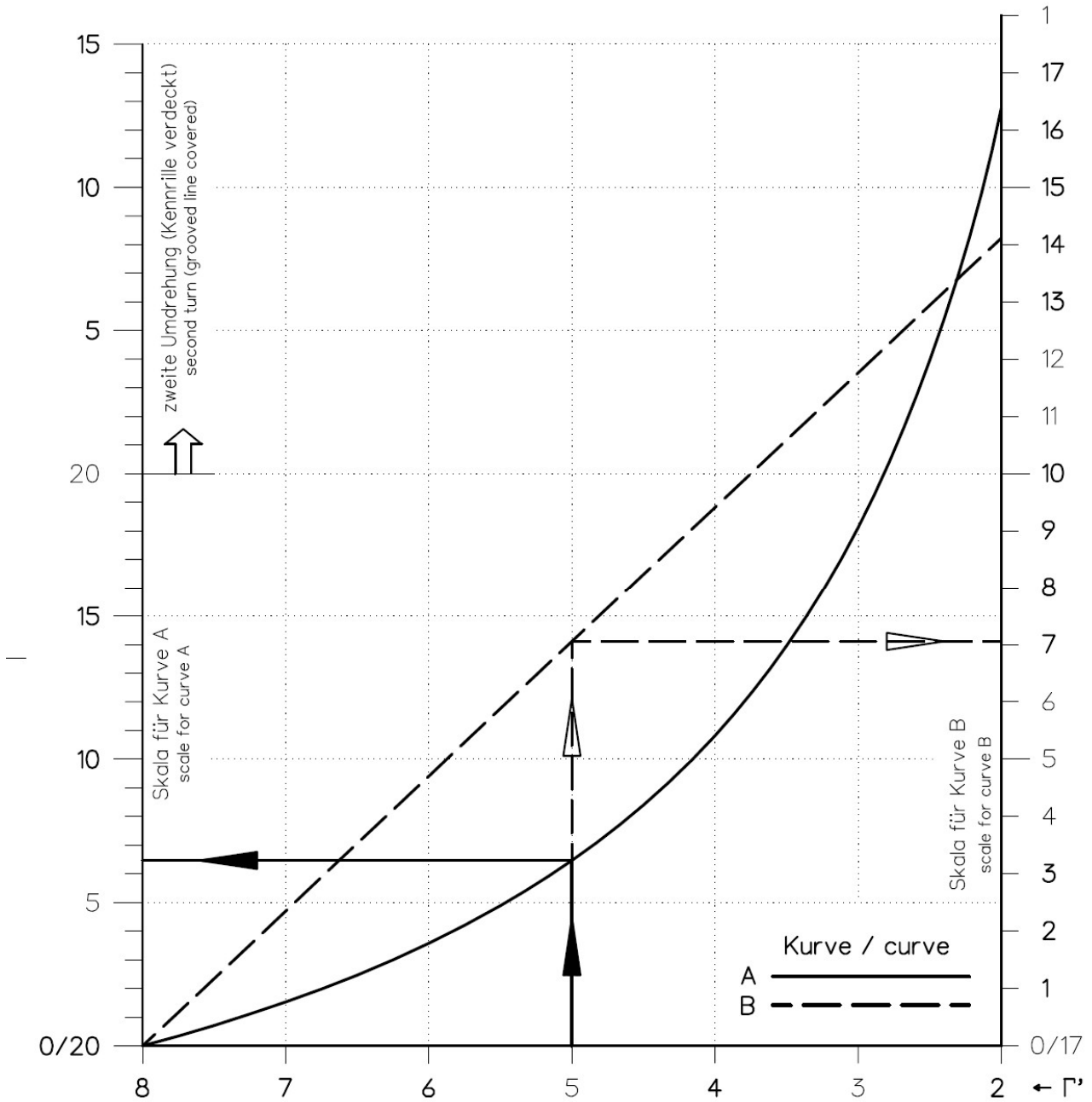
### Mechanical drawing

Beam Expander displayed in setting  $\Gamma' = 8x$



Dimensions without tolerances are nominal values and illustration not to scale

### Setting values for a given expansion $\Gamma'$



Beispiel für Einstellung auf  
Example for settings to

$\Gamma' = 5$

Werte: A = 6.5  
values: B = 7.1

### Notes



For technical explanations, see our homepage.