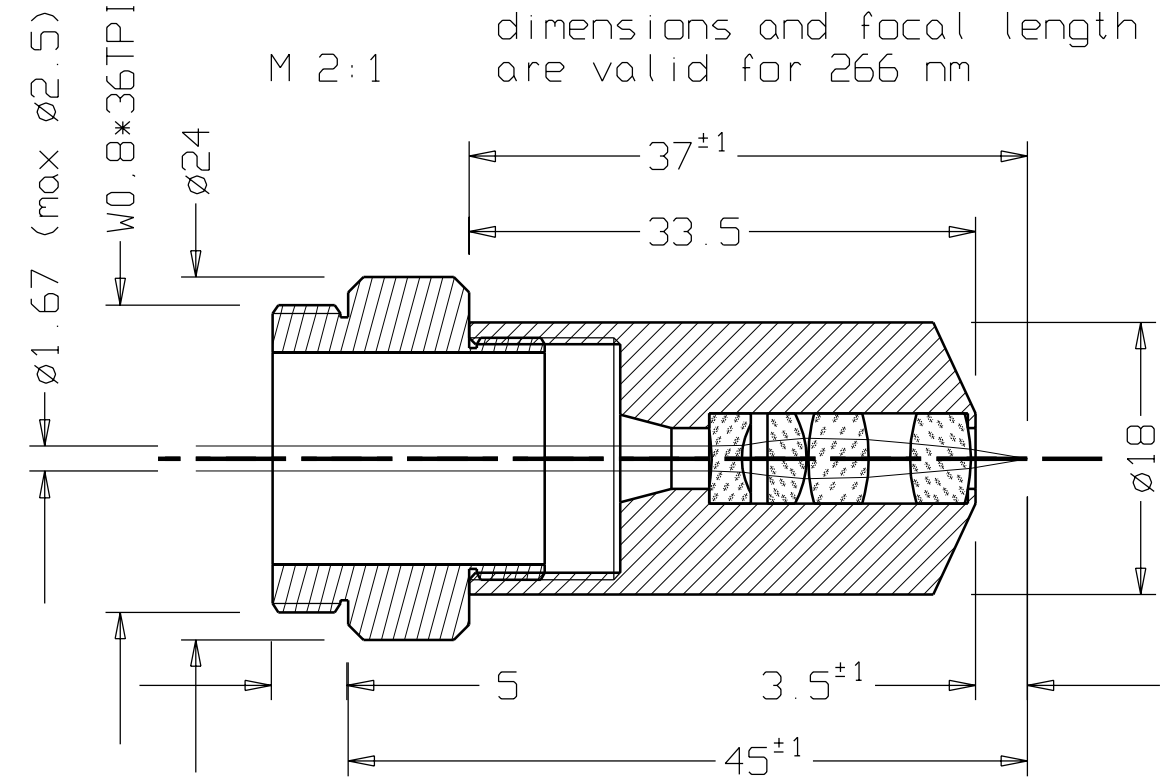
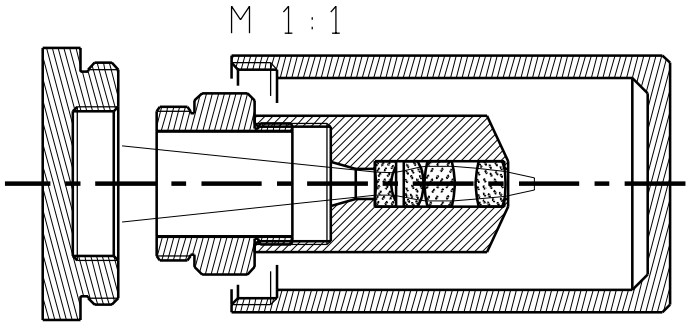


Wave-length [nm]	best focusing [mm]	(calculated) Spot Sizes [µm]
193	-0.86	1.1
248	-0.14	1.4
266	0	1.6
308	+0.23	2.0
355	+0.39	2.3
532	+0.67	2.7
633	+0.74	2.9
1064	+0.88	3.1

The spot sizes given in the table are calculated geometrically for 2 mm used diameter of the objective. At the nominal aperture (f:3) the objective is diffraction limited for all wavelengths >200 nm.

Polychromatic Micro Objective OML 8.3.05
f = 5 mm, f:3 (utilizable up to f:2)



(drawn rays : maximum used ø)

Bernhard Halle Nachfl. GmbH
Optical Workshop
Hubertusstr. 10, D-12163 Berlin

	Datum	Name
Bearb.	23.04.03	Lu
Gepr.		
Norm		

DIN 3140
DIN 7168-f

Zust. Änderung | Datum | Name

Maßstab 2:1 (1:1)

synthetic fused silica

Dimensions and Interfaces

Polychromatic Micro Obj. f=5mm

OML8305-e

Bl. /von