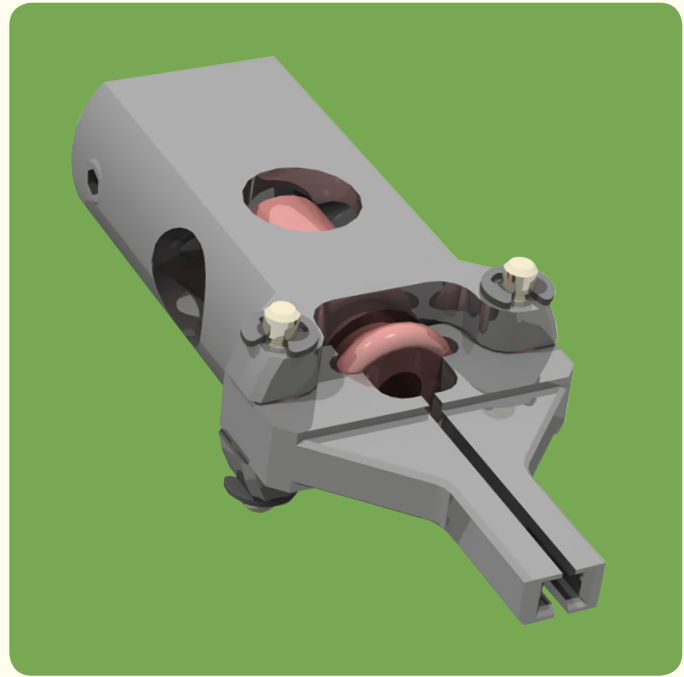


Introduction

The M-PGWMS(OMUSLIMLT) has the appropriate groove to fetch Omicron style sample plates and was especially designed to grab and release the AFM tip mounted on the Omicron LT-SPM's special holder. A gap between the jaws makes it possible to squeeze the tip holder, thereby releasing it from it's seat on the sample plate. Releasing the jaws again within the seat, the tip holder regains it's firm fit on the sample plate.

The narrow head of the M-PGWMS(OMUSLIMLT) offers better visibility of the sample plate and AFM tip holder. The symmetrically opening and particularly slim jaws are predefined for use where little space is available.

For ultimately precise and safe handling, we recommend the M-PGWMS(OMUSLIMLT) be used in combination with a fine adjuster coupling equipped dual shaft wobblestick M-WMG40(FC)-X-Y or M-MDG40 linear-/rotary feedthrough. OM & OHM



Description	Part Code
Straight pincer ultra slim LT AFM for M-SHOM flag style sample plates	M-PGWMS(OMUSLIMLT)

Specifications:

Materials

Stainless steel 1.4301
Berylco 25

Vacuum Range

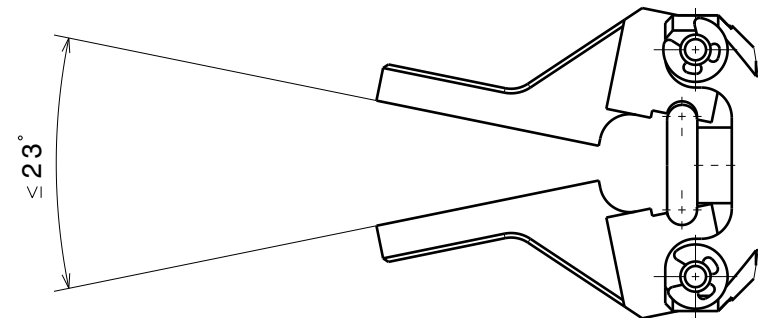
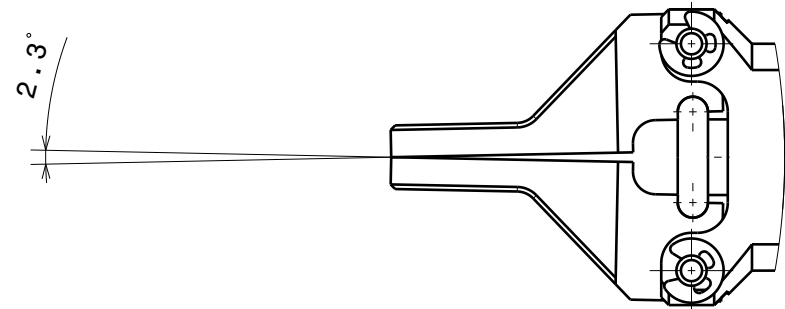
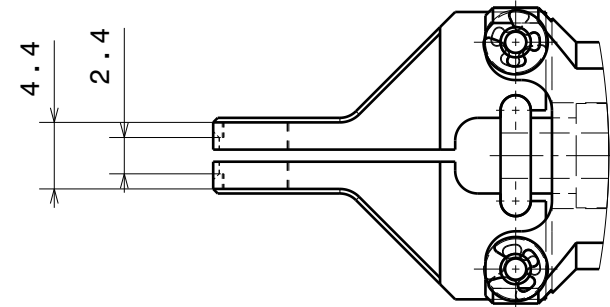
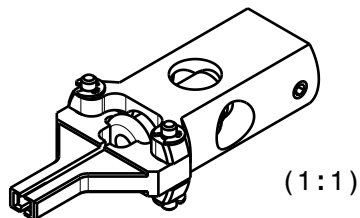
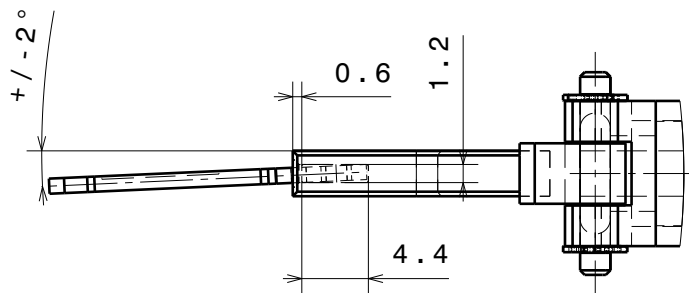
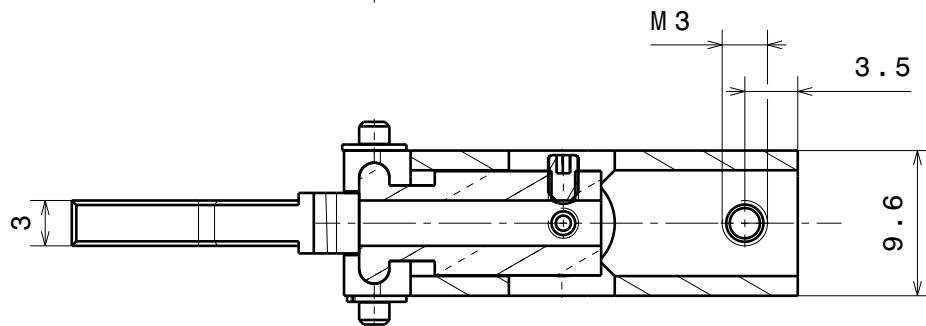
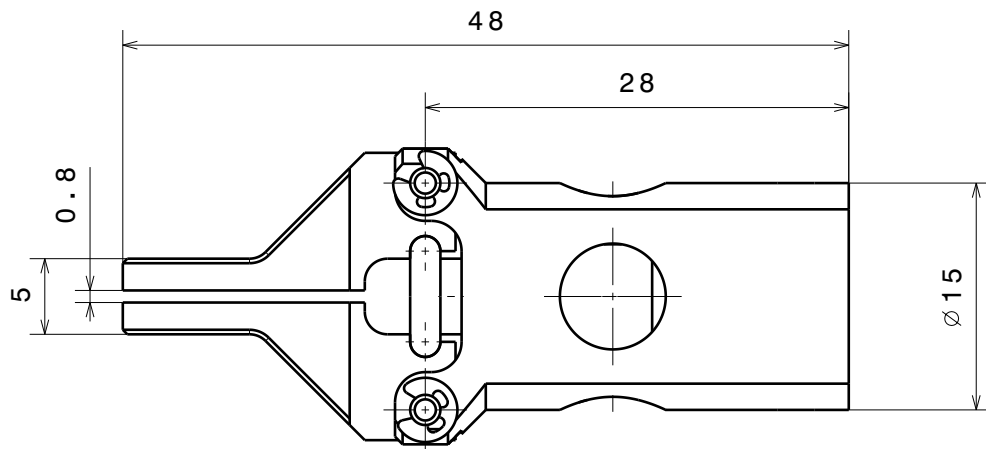
atm to 1×10^{-11} mbar

Bakeout Temperature *

150°C max.

Jaw Opening

~23° max., -2.3° min.



Material: All UHV compatible

Pincer grip Ultra SLIM LT Afm
for SHOM

PGWMS(OMUSLIMLT)

Ferrovac GmbH

CH-8050 Zurich

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nominal over		1	6	30	100	300	1000
dimension up to		6	30	100	300	1000	2000
tolerance ±		0.05	0.1	0.3	0.5	0.8	1.2
Scale		Drawn von Gunten					
2:1 (1:1)		Date		19.11.2015			
		Revised				
		PGWMS (OMUSLIMLT A)					
Rev.	A						