

Introduction

Mounted to a single shaft linear/rotary feedthrough or sample transporter, the M-GRABSHOM can be used to manipulate M-SHOM flag style sample plates. It has a matching slit to slide over the sample plate's handle. By twisting the M-GRABSHOM 90 degrees either way, the sample plate will click into place and is held there gently by a spring loaded piston.

Contrary to similar grabbers from our competitors, the M-GRABSHOM doesn't have a fixed limit stop that could result in bending and eventually snapping off the sample plate's handle if rotated in the wrong direction or by applying too much torque.

Adds 20.0 to dimension Y of the main product

Specifications:

Materials

Stainless steel 1.4301

Stainless steel 1.4310

PEEK

Vacuum Range

atm to 1×10^{-11} mbar

Bakeout Temperature *

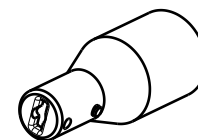
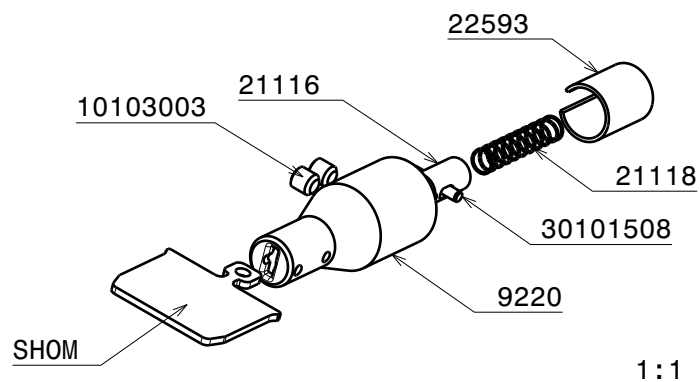
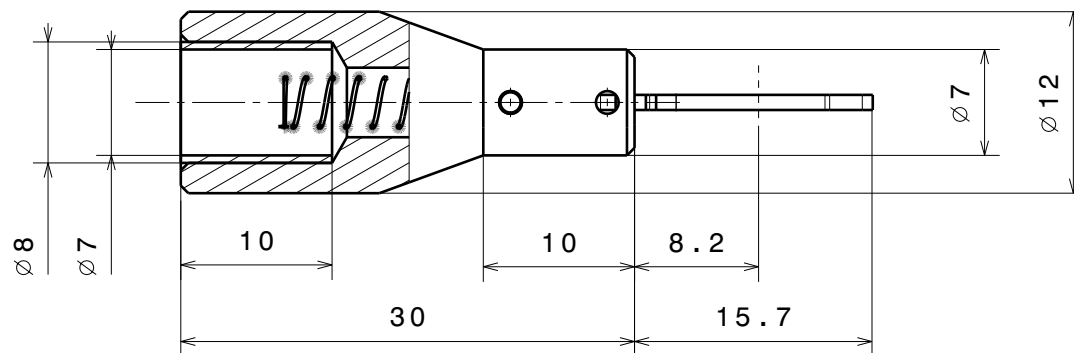
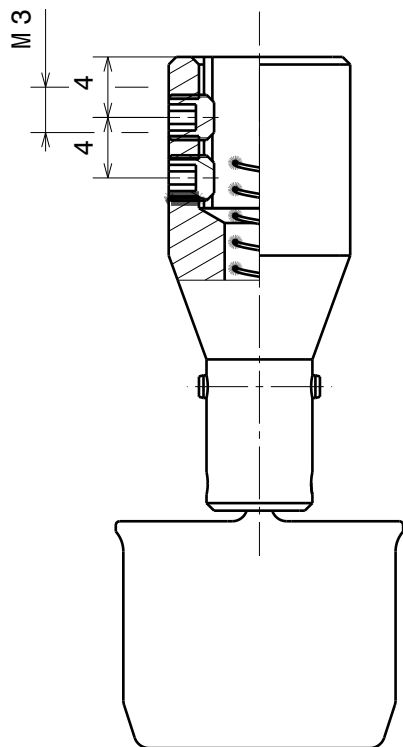
200°C max.

Rotation

Continuous



Description	Part Code
Grabber tool ID87mm for M-SHOM flag style sample plates	M-GRABSHOM



1:1

Material: All UHV compatible		nominal over dimension up to tolerance ±	1	6	30	100	300	1000	
Grabber Tool ID 7 and ID 8 for SHOM Plates			6	30	100	300	1000	2000	
			Scale						
			Drawn	von Gunten					
Ferrovac GmbH CH-8050 Zurich		2:1	Date	21.09.2015					
			changed	22.11.2016SM					
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