DATA SHEET - M-PGWMP(OM)

Parallel Pincer for M-SHOM Flag Style Sample Plates

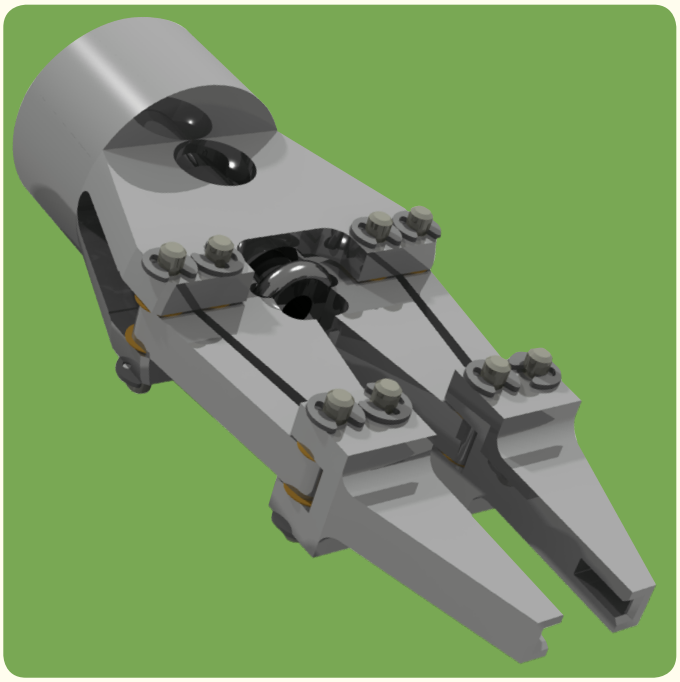
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Parallel Pincer for M-SHOM Flag Style Sample Plates

Introduction

Mounted to an M-WMG40 wobblestick manipulator and in combination with the fine adjuster option, this pincer can essentially be used like a pair of precise tweezers for performing very delicate manipulations. The M-PGWMP(OM) is made with the appropriate groove to fetch M-SHOM style sample plates. In its standard version, angular degree of freedom of the sample plate held by the pincer allows for dangling of the sample. Exact values for the clearance of the sample plate are given in the drawing. For a firmer grip of the plate, please specify the (OMH) option.

The Isolated Jaws version M-PGWMP(DC) is equipped with a set of electrically and thermally isolated jaws (customer specific) which allow for direct current heating of the sample.

OM & OHM Add 45.0mm to dimension Y of the main product, DCversion adds 51.0mm.



Description	Part Code
Parallel pincer for M-SHOM flag style sample plates	M-PGWMP(OM)
Hard grip parallel pincer for M-SHOM flag style sample plates	M-PGWMP(OMH)
Parallel pincer with isolated jaws	M-PGWMP(DC)

Specifications:

Materials - OM & OMH

Stainless steel 1.4301
Berylco 25

Materials - DC

Stainless steel 1.4301
Berylco 25
Molybdenum Jaws
Ceramic isolators

Vacuum Range

atm to $1x10^{-11}$mbar

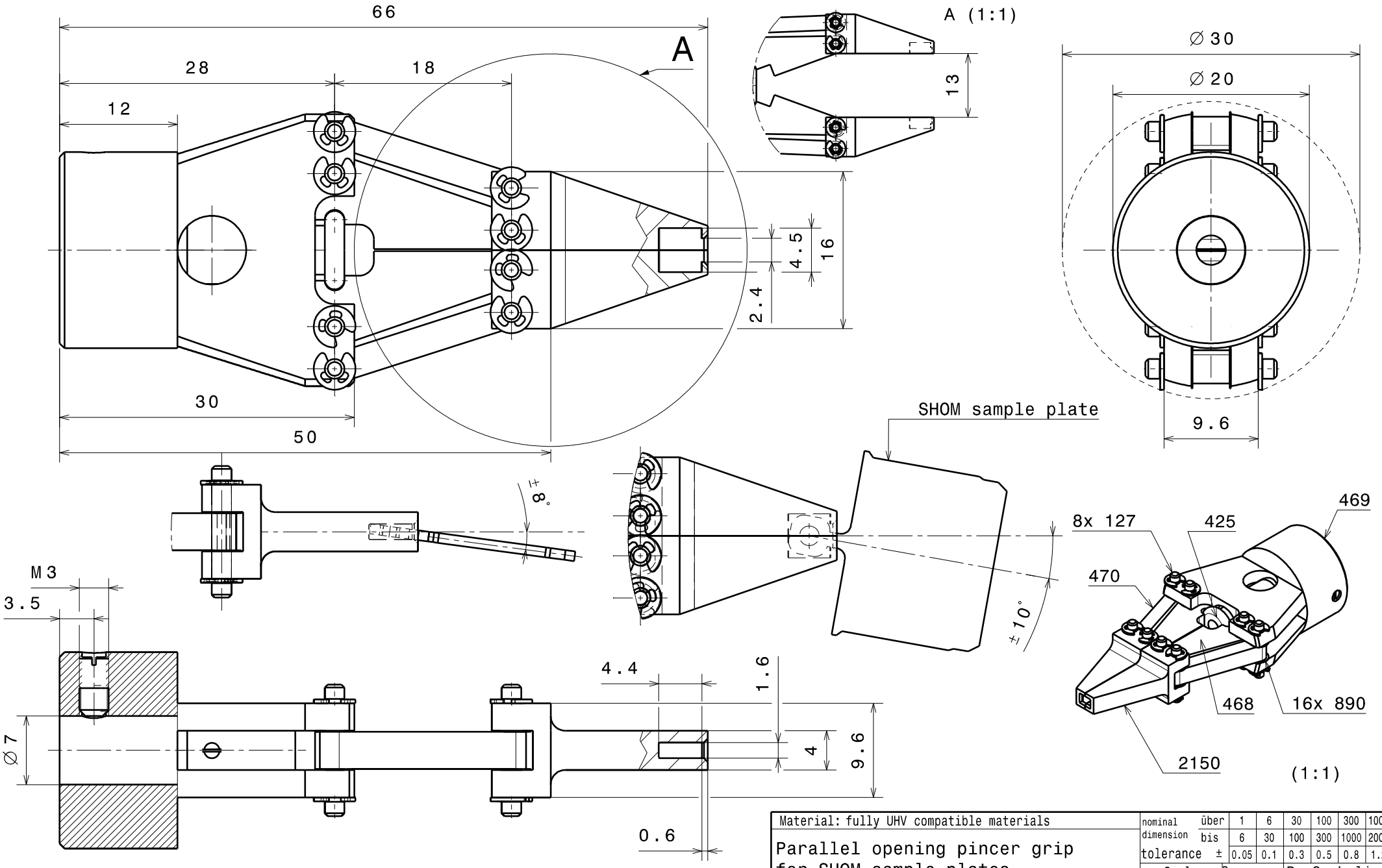
Bakeout Temperature *

150°C max.

Jaw Opening

Up to 13mm (with 2.2mm Linear stroke)

LewVac Components Ltd., Unit F2, Ote Hall Farm, Janes Lane, Burgess Hill, RH15 0SR
Tel : +44 (0)1444 233372, Fax : +44 (0)1444 233392
E-mail : sales@lewvac.co.uk Web : www.lewvac.co.uk



Material: fully UHV compatible materials

Parallel opening pincer grip
for SHOM sample plates

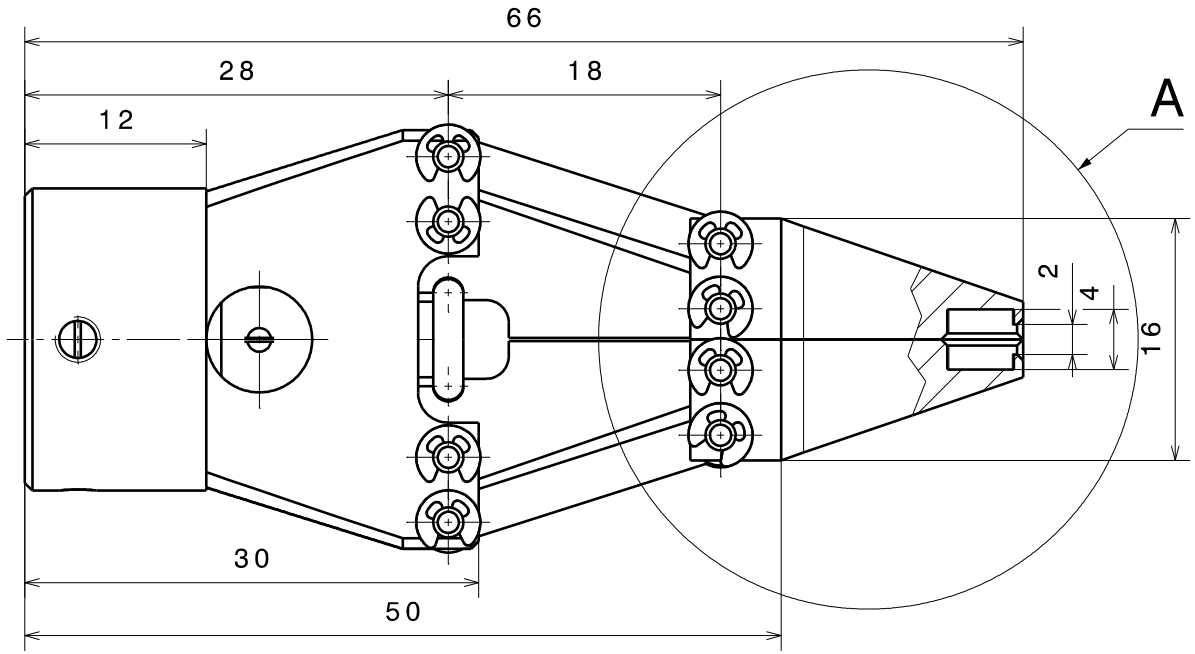
PG

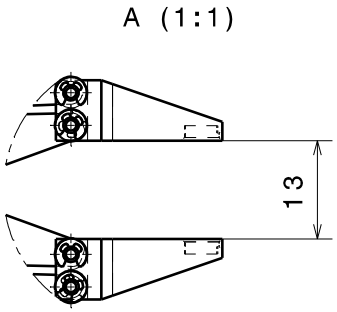
Ferrovac GmbH
CH-8050 Zurich

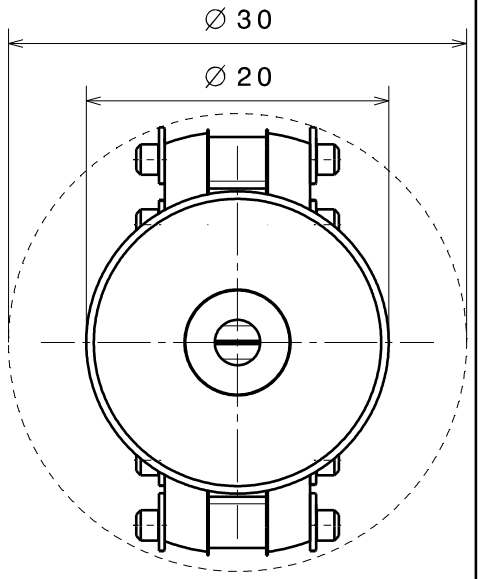
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	bis	6	30	100	300	1000	2000
tolerance	±	0.05	0.1	0.3	0.5	0.8	1.2

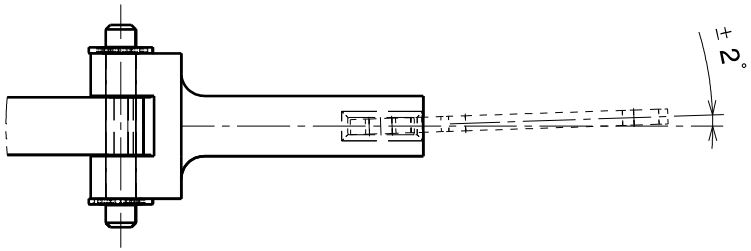
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Drawn	B. Guebeli
Date	15.01.2010
Checked	19.10.16 JB

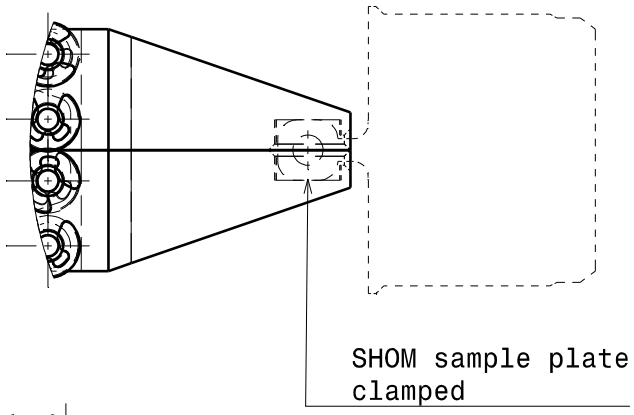
PGWMP (OM)

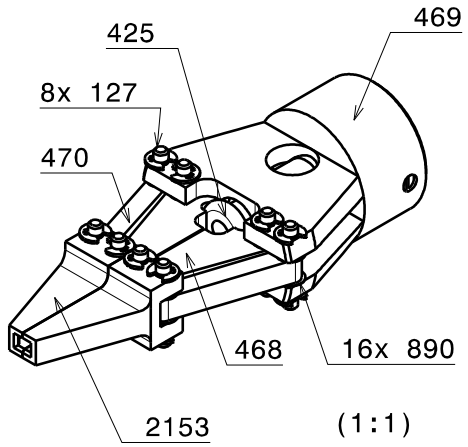


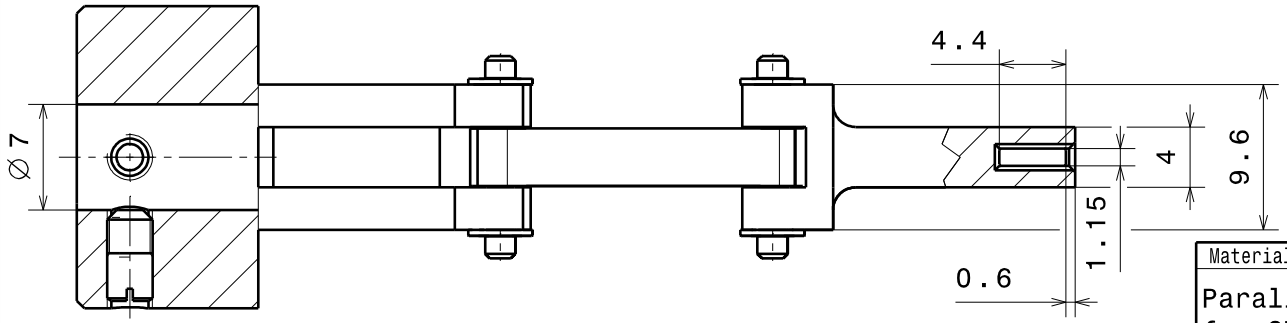












Material: fully UHV compatible materials

Parallel opening pincer grip
for SHOM sample plates (hard grip)

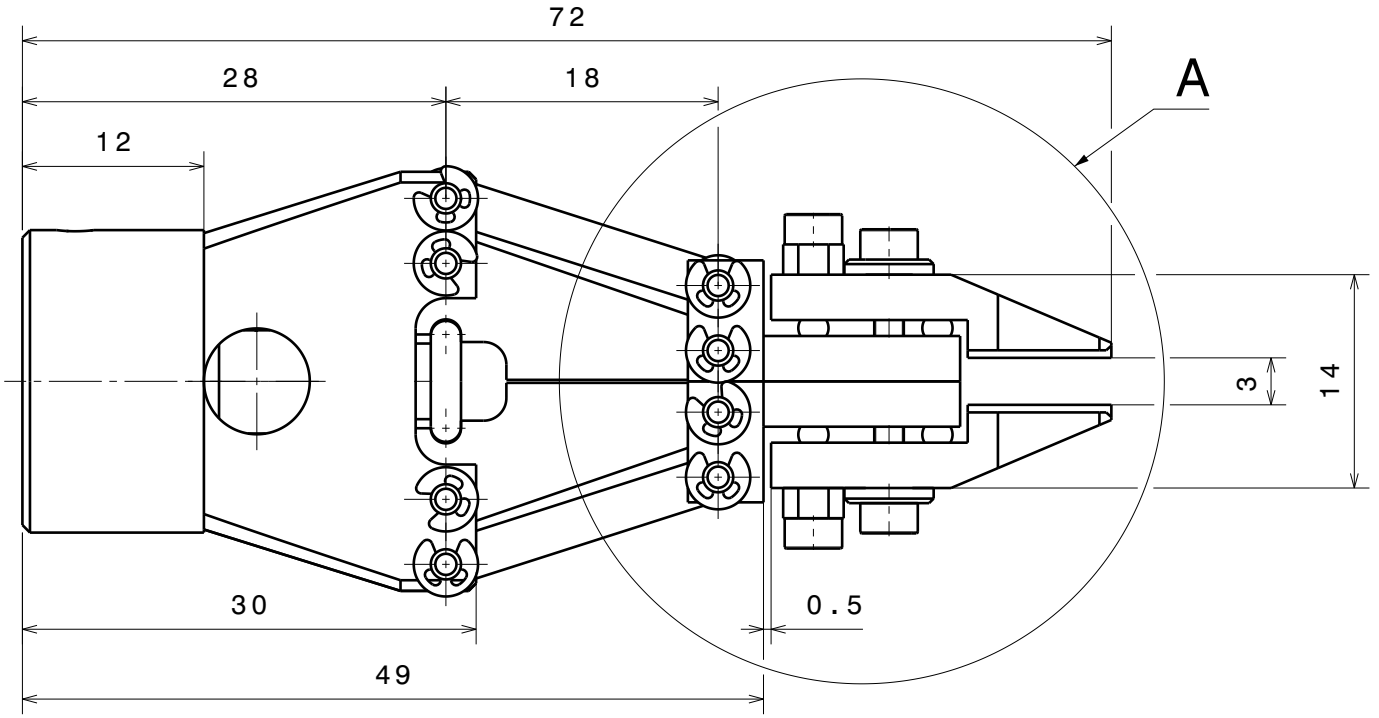
PG

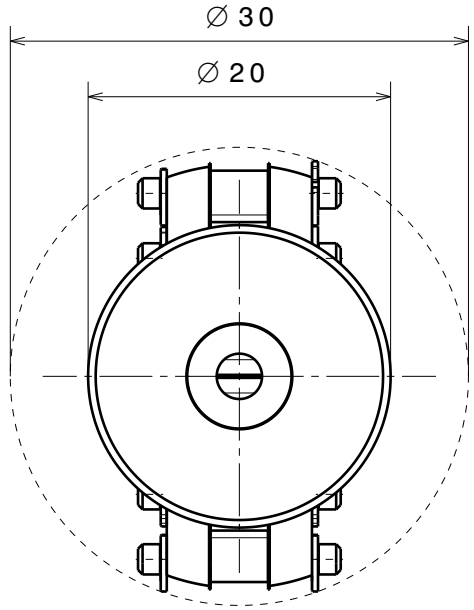
Ferrovac GmbH
CH-8050 Zurich

nominal dimension	over	1	6	30	100	300	1000
	up to	6	30	100	300	1000	2000
tolerance	±	0.05	0.1	0.3	0.5	0.8	1.2

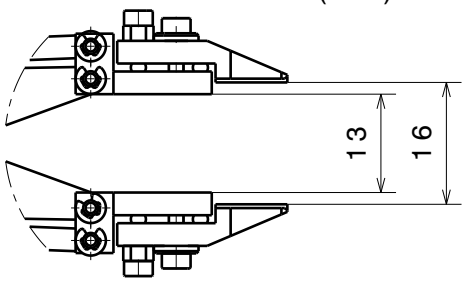
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Date	13.04.10
Checked	19.10.16 JB

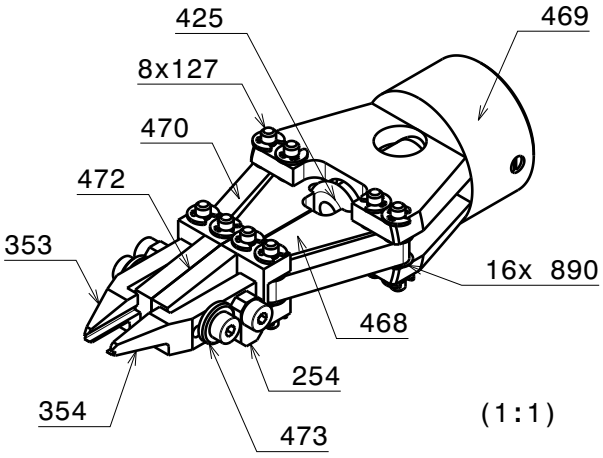
PGWMP(OMH)





A (1:1)





(1:1)

Material: fully UHV compatible materials

Parallel opening pincer grip with electr./thermal. isolated jaws

PG

Ferrovac GmbH
CH-8050 Zurich

nominal dimension	over	1	6	30	100	300	1000
	up to	6	30	100	300	1000	2000
tolerance	±	0.05	0.1	0.3	0.5	0.8	1.2

Scale	2:1 (1:1)
Drawn	B. Guebeli
Date	12.01.2010
Checked	08.03.2011DS

PGWMP (DC)