

### Introduction

The M-TSRMKG is a manipulation aid comprising of a universal-joint and shaft with a handle, guided by a rail and coupled to the outer magnet of a sample transporter with gearing. It enables remote rotation and linear movement, offering the user the possibility to stand close to their system during manipulation for visual monitoring and coordination. The length of the shaft is adaptable to suit the sample transporter as well as your needs.

The M-TSRMKG is best ordered together with the sample transporter for which it is intended. For retrospective upgrades, please contact us.

Description	Part Code
Extension shaft for remote manipulation	M-TSRMKG-X

### Specifications:

#### Materials

Stainless Steel 1.4301 (304L)  
Aluminium

#### Vacuum Range

N/A

#### Bakeout Temperature \*

200°C max.

#### Gearing

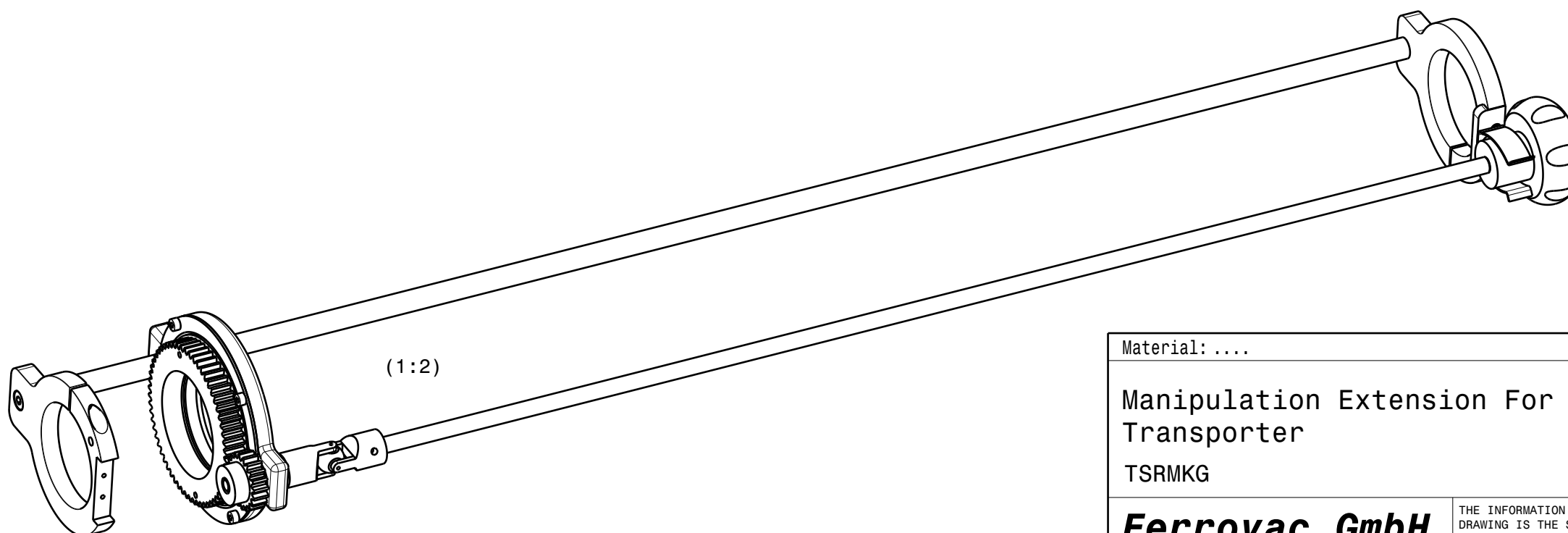
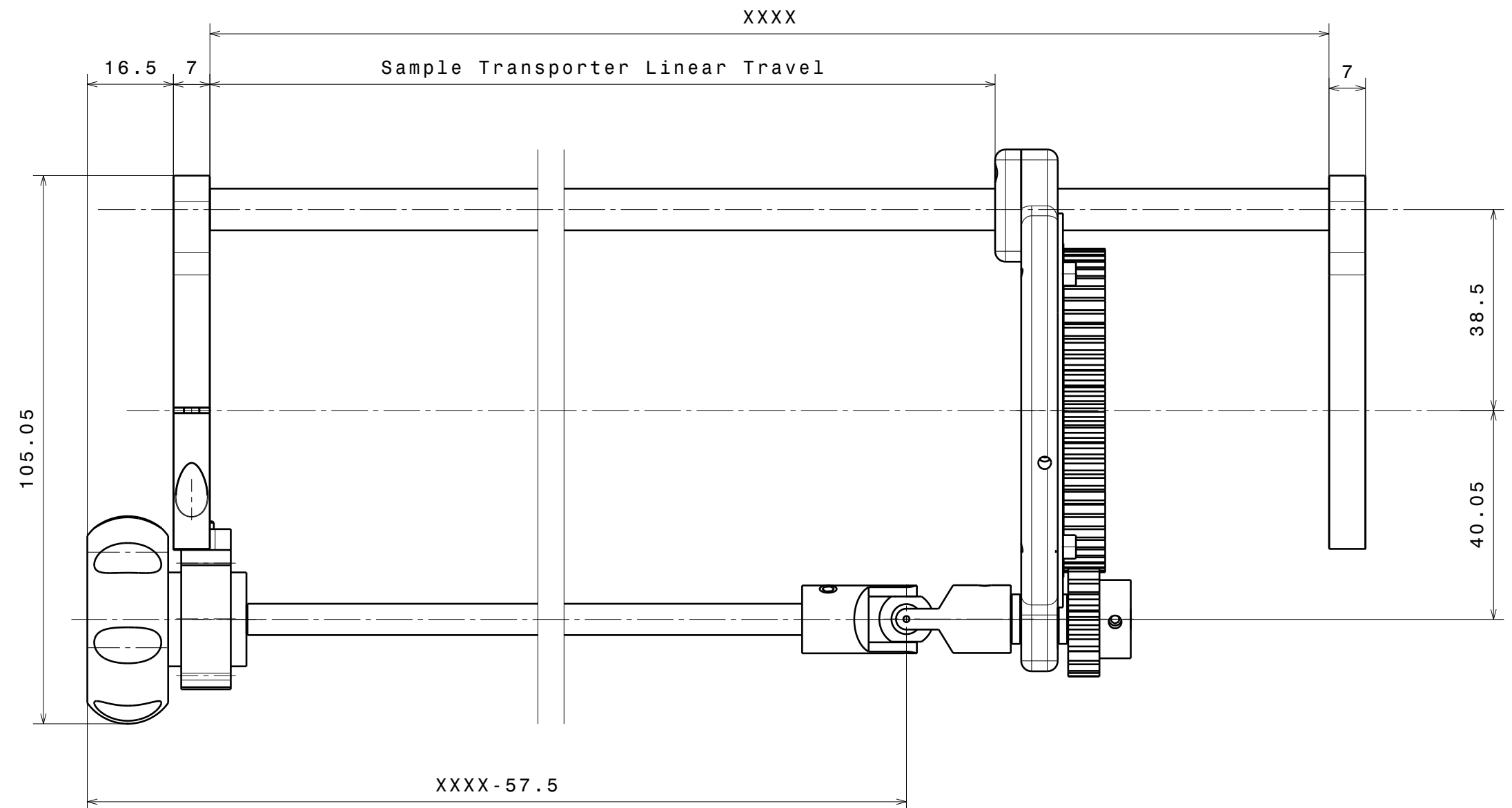
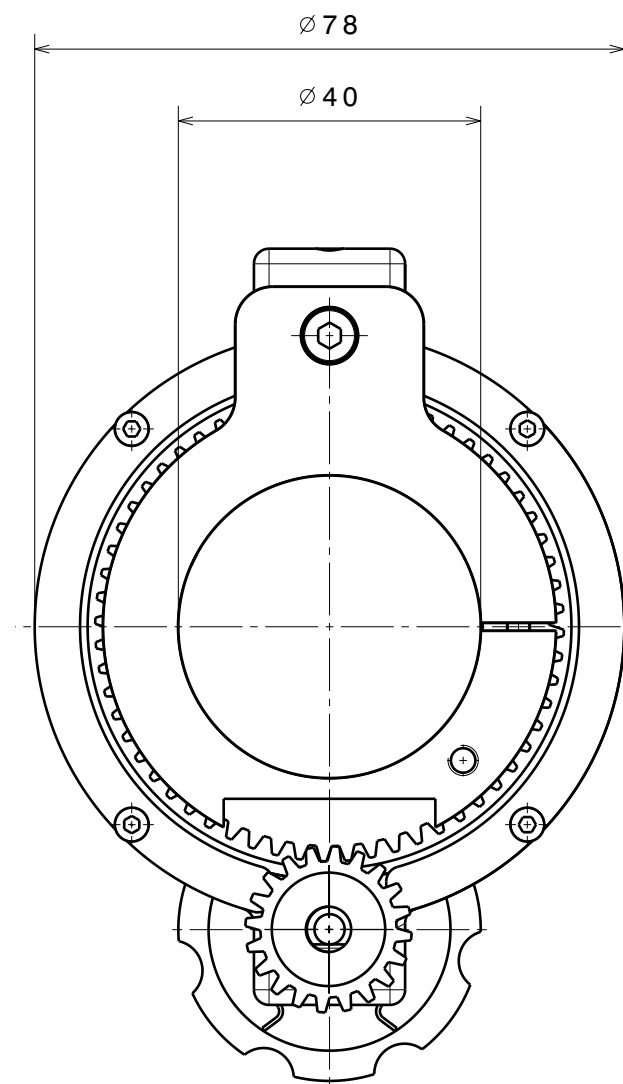
1:3

#### Deflection

deflection angle from the universal joint when  
rotating: up to 45°

deflection angle from the universal joint when not  
rotating: up to 90° (only for fine adjustment)





Ra 0.8 (✓)  $\begin{matrix} +0.2 \\ +0.1 \end{matrix}$   $\begin{matrix} -0.1 \\ -0.2 \end{matrix}$   
general tolerances ISO 2768-K

Material: ....		nominal dimension	over up to	1	6	30	100	300	1000
Manipulation Extension For Sample Transporter		tolerance	±	6	30	100	300	1000	2000
				0.05	0.1	0.3	0.5	0.8	1.2
TSRMKG		Scale	Drawn	C.Weiss					
<b>Ferrovac GmbH</b> CH-8050 Zurich		1:1 (1:2)	Date	21.10.2015					
			Changed	.....					
				TSRMKG					
		Rev.	A	A3 sheet 1/1					

Configuration Example RM40-0500-0030-TSRMKG (XXXX= 564 ---> TSRMKG-0564)