

### Service Kits

#### Introduction

The slide-bearings are the only parts of the wobblestick, that wear out. It is important to check the smoothness of the motion from time to time and please make sure, you don't hear any scratching noise or feel unusual friction while using the wobblestick. Worn out bearings can be responsible for extensive outgassing effects during motion. If any of the above occurs, replace the bearings.

| Description                           | Part Code      |
|---------------------------------------|----------------|
| Service kit for M-WM40 with 7mm shaft | M-SERKWM40     |
| Service kit for M-WM40 with 5mm shaft | M-SERKWM40(S5) |

#### Specifications:

#### Materials

Fully UHV Compatible

### Factory overhaul

#### Introduction

The slide bearings are the only parts of the wobblestick that wear out. Many bakeout periods lead to slight deformation of the slide bearings. This could result into disturbances of the motion smoothness and probably higher outgassing rates. We offer an all-over factory overhaul for inner and outer bearings and readjustment of any style of pincer grips.

| Description                           | Part Code   |
|---------------------------------------|-------------|
| Factory overhaul of M-WMG wobblestick | M-SERFWMG40 |

Disassembly and ultrasonic cleaning  
Slide bearing replacement, air- and vacuum side  
Functional inspection  
Fully UHV compatible materials  
Cleaned to UHV standards

All products sent back to Ferrovac require a "Declaration of contamination of manipulator"



### Factory change of retracted length

#### Introduction

We offer a factory modification service for inner shaft readjustment, including a full service check and ultrasonic cleaning.

| Description  | Part Code           |
|--|---------------------|
| Factory change of retracted length for M-WMG wobblestick | M-SERFWMG40DY-X-Y-Z |

Linear travel X  $\geq$  50mm AND  $\leq$  700mm  
Retracted length new :-  
Y  $\geq$  63mm AND  $\leq$  200mm; standard 63mm  
Retracted length old :-  
Z  $\geq$  63mm AND  $\leq$  200mm; standard 63mm

Disassembly and ultrasonic cleaning  
Replacement inner shafts to new custom retracted length  
Functional inspection  
Fully UHV compatible materials  
Cleaned to UHV standards

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